

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

09/29/2025

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	37.23	32.72	30.10	27.90	28.75	32.91	42.37	43.35	41.75	36.60	36.79	39.89	40.29	42.42	44.89	49.47	53.97	71.81	73.20	69.19	54.46	48.54	44.03	39.67
24138	1.85	1.43	1.27	1.07	1.08	1.23	1.76	2.80	3.01	2.87	3.18	3.29	3.39	3.71	3.94	3.77	3.58	4.37	4.18	2.57	1.86	1.83	1.89	1.57
	-0.39	-0.13	0.00	0.00	0.00	-0.11	-0.51	-0.54	-1.08	-1.52	-0.53	-2.69	-1.59	-1.21	-1.93	-1.80	-2.08	-1.15	-0.54	-0.73	-0.84	-0.93	-1.06	-0.64
74TH STREET_GT_1	37.30	32.78	30.16	27.95	28.81	32.97	42.28	43.20	41.59	36.61	36.76	39.80	40.09	42.30	44.75	49.37	53.50	71.24	72.95	68.74	54.00	48.50	43.93	39.71
24260	1.92	1.50	1.33	1.13	1.13	1.29	1.72	2.76	2.94	2.87	3.14	3.26	3.35	3.64	3.82	3.69	3.43	4.18	4.04	2.44	1.76	1.79	1.85	1.61
	-0.39	-0.13	0.00	0.00	0.00	-0.11	-0.46	-0.44	-0.99	-1.53	-0.54	-2.64	-1.43	-1.16	-1.90	-1.79	-1.76	-0.79	-0.43	-0.42	-0.48	-0.93	-1.01	-0.64
74TH STREET_GT_2	37.30	32.78	30.16	27.95	28.81	32.97	42.28	43.20	41.59	36.61	36.76	39.80	40.09	42.30	44.75	49.37	53.50	71.24	72.95	68.74	54.00	48.50	43.93	39.71
24261	1.92	1.50	1.33	1.13	1.13	1.29	1.72	2.76	2.94	2.87	3.14	3.26	3.35	3.64	3.82	3.69	3.43	4.18	4.04	2.44	1.76	1.79	1.85	1.61
	-0.39	-0.13	0.00	0.00	0.00	-0.11	-0.46	-0.44	-0.99	-1.53	-0.54	-2.64	-1.43	-1.16	-1.90	-1.79	-1.76	-0.79	-0.43	-0.42	-0.48	-0.93	-1.01	-0.64
ADK HUDSON___FALLS	35.70	31.92	29.67	27.60	28.42	32.41	41.24	41.59	38.26	31.92	33.35	33.67	34.93	37.32	39.14	43.91	49.12	69.04	71.83	68.52	53.73	46.65	41.70	37.96
24011	1.05	0.87	0.84	0.78	0.75	0.95	1.48	1.84	1.24	0.84	0.66	0.58	0.53	0.64	0.86	1.32	1.79	2.98	3.56	2.64	1.97	1.56	1.31	0.97
	0.33	0.11	0.00	0.00	0.00	0.10	0.34	0.26	0.65	1.13	0.39	0.81	0.91	0.81	0.74	1.30	0.98	0.23	0.21	0.00	0.00	0.69	0.69	0.47
ADK RESOURCE___RCVRY	35.81	32.01	29.76	27.68	28.50	32.54	41.41	41.80	38.34	31.97	33.42	33.72	34.97	37.38	39.20	44.02	49.28	69.30	72.17	68.85	53.93	46.84	41.87	38.09
23798	1.15	0.97	0.92	0.86	0.83	1.07	1.64	2.04	1.32	0.87	0.73	0.61	0.56	0.68	0.90	1.40	1.93	3.25	3.90	2.97	2.17	1.74	1.48	1.09
	0.33	0.11	0.00	0.00	0.00	0.10	0.33	0.25	0.64	1.12	0.38	0.80	0.90	0.80	0.72	1.28	0.96	0.22	0.21	0.00	0.00	0.68	0.68	0.46
ADK S GLENS___FALLS	35.70	31.92	29.67	27.60	28.42	32.41	41.24	41.59	38.26	31.92</														

ARTHUR_KILL_COGEN 323718	37.55 2.17 -0.40	33.01 1.71 -0.14	30.37 1.53 -0.01	28.12 1.29 -0.01	29.01 1.33 -0.01	33.20 1.51 -0.12	40.89 1.68 0.89	40.29 2.76 2.48	39.21 3.20 1.65	36.41 2.67 -1.53	36.56 2.94 -0.54	33.13 2.71 3.49	36.67 3.64 2.27	40.64 3.52 0.38	40.28 3.67 2.40	42.04 3.20 5.05	42.07 2.56 8.80	60.33 3.71 9.66	69.04 3.22 2.66	58.48 1.71 9.12	42.34 1.09 10.51	43.46 1.42 3.74	42.15 1.64 0.57	39.78 1.69 -0.64
ASHOKAN____ 23654	36.77 1.78 0.00	32.56 1.40 0.00	29.35 0.52 0.00	27.28 0.46 0.00	28.09 0.42 0.00	32.86 1.29 0.00	42.14 2.04 0.00	42.77 2.76 0.00	40.38 2.71 0.00	34.28 2.06 0.00	35.13 2.05 0.00	35.79 1.90 0.02	37.39 2.08 0.00	39.90 2.40 0.00	41.59 2.57 0.00	46.65 2.90 0.14	51.64 3.33 0.00	71.25 4.97 0.00	72.38 3.90 0.00	67.27 1.39 0.00	52.69 0.93 0.00	48.20 2.42 0.00	43.17 2.09 0.00	39.18 1.72 0.00
ASTORIA_EAST_ENERGY_CC1 323581	37.55 2.17 -0.40	32.97 1.68 -0.14	30.22 1.38 -0.01	28.04 1.21 -0.01	28.87 1.19 -0.01	33.04 1.36 -0.12	42.52 1.92 -0.50	43.39 2.88 -0.50	41.73 3.01 -1.05	36.58 2.84 -1.53	36.70 3.08 -0.54	39.65 2.95 -2.80	40.06 3.21 -1.54	42.26 3.56 -1.20	44.48 3.47 -1.99	49.16 3.47 -1.80	53.23 2.95 -1.97	71.01 3.71 -1.02	72.48 3.49 -0.51	68.42 1.91 -0.62	53.81 1.34 -0.71	48.36 1.65 -0.94	44.14 2.01 -1.05	39.98 1.87 -0.64
ASTORIA_EAST_ENERGY_CC2 323582	37.55 2.17 -0.40	32.97 1.68 -0.14	30.22 1.38 -0.01	28.04 1.21 -0.01	28.87 1.19 -0.01	33.04 1.36 -0.12	42.52 1.92 -0.50	43.39 2.88 -0.50	41.73 3.01 -1.05	36.58 2.84 -1.53	36.70 3.08 -0.54	39.65 2.95 -2.80	40.06 3.21 -1.54	42.26 3.56 -1.20	44.48 3.47 -1.99	49.16 3.47 -1.80	53.23 2.95 -1.97	71.01 3.71 -1.02	72.48 3.49 -0.51	68.42 1.91 -0.62	53.81 1.34 -0.71	48.36 1.65 -0.94	44.14 2.01 -1.05	39.98 1.87 -0.64
ASTORIA_GT2_1 24094	37.55 2.17 -0.40	32.98 1.68 -0.14	30.22 1.38 -0.01	28.04 1.21 -0.01	28.87 1.19 -0.01	33.04 1.36 -0.12	42.48 1.88 -0.50	43.40 2.88 -0.51	41.73 3.01 -1.05	36.58 2.83 -1.53	36.70 3.08 -0.54	39.72 3.02 -2.80	40.06 3.21 -1.54	42.30 3.60 -1.20	44.48 3.47 -1.99	49.25 3.56 -1.80	53.42 3.14 -1.97	71.14 3.84 -1.02	72.69 3.70 -0.51	68.55 2.04 -0.62	53.97 1.50 -0.71	48.46 1.74 -0.94	44.14 2.01 -1.05	39.94 1.84 -0.64
ASTORIA_GT2_2 24095	37.55 2.17 -0.40	32.98 1.68 -0.14	30.22 1.38 -0.01	28.04 1.21 -0.01	28.87 1.19 -0.01	33.04 1.36 -0.12	42.48 1.88 -0.50	43.40 2.88 -0.51	41.73 3.01 -1.05	36.58 2.83 -1.53	36.70 3.08 -0.54	39.72 3.02 -2.80	40.06 3.21 -1.54	42.30 3.60 -1.20	44.48 3.47 -1.99	49.25 3.56 -1.80	53.42 3.14 -1.97	71.14 3.84 -1.02	72.69 3.70 -0.51	68.55 2.04 -0.62	53.97 1.50 -0.71	48.46 1.74 -0.94	44.14 2.01 -1.05	39.94 1.84 -0.64
ASTORIA_GT2_3 24096	37.55 2.17 -0.40	32.98 1.68 -0.14	30.22 1.38 -0.01	28.04 1.21 -0.01	28.87 1.19 -0.01	33.04 1.36 -0.12	42.48 1.88 -0.50	43.40 2.88 -0.51	41.73 3.01 -1.05	36.58 2.83 -1.53	36.70 3.08 -0.54	39.72 3.02 -2.80	40.06 3.21 -1.54	42.30 3.60 -1.20	44.48 3.47 -1.99	49.25 3.56 -1.80	53.42 3.14 -1.97	71.14 3.84 -1.02	72.69 3.70 -0.51	68.55 2.04 -0.62	53.97 1.50 -0.71	48.46 1.74 -0.94	44.14 2.01 -1.05	39.94 1.84 -0.64
ASTORIA_GT2_4 24097	37.55 2.17 -0.40	32.98 1.68 -0.14	30.22 1.38 -0.01	28.04 1.21 -0.01	28.87 1.19 -0.01	33.04 1.36 -0.12	42.48 1.88 -0.50	43.40 2.88 -0.51	41.73 3.01 -1.05	36.58 2.83 -1.53	36.70 3.08 -0.54	39.72 3.02 -2.80	40.06 3.21 -1.54	42.30 3.60 -1.20	44.48 3.47 -1.99	49.25 3.56 -1.80	53.42 3.14 -1.97	71.14 3.84 -1.02	72.69 3.70 -0.51	68.55 2.04 -0.62	53.97 1.50 -0.71	48.46 1.74 -0.94	44.14 2.01 -1.05	39.94 1.84 -0.64
ASTORIA_GT3_1 24098	37.55 2.17 -0.40	32.98 1.68 -0.14	30.22 1.38 -0.01	28.04 1.21 -0.01	28.87 1.19 -0.01	33.04 1.36 -0.12	42.48 1.88 -0.50	43.40 2.88 -0.51	41.73 3.01 -1.05	36.58 2.83 -1.53	36.70 3.08 -0.54	39.72 3.02 -2.80	40.06 3.21 -1.54	42.30 3.60 -1.20	44.48 3.47 -1.99	49.25 3.56 -1.80	53.42 3.14 -1.97	71.14 3.84 -1.02	72.69 3.70 -0.51	68.55 2.04 -0.62	53.97 1.50 -0.71	48.46 1.74 -0.94	44.14 2.01 -1.05	39.94 1.84 -0.64
ASTORIA_GT3_2 24099	37.55 2.17 -0.40	32.98 1.68 -0.14	30.22 1.38 -0.01	28.04 1.21 -0.01	28.87 1.19 -0.01	33.04 1.36 -0.12	42.48 1.88 -0.50	43.40 2.88 -0.51	41.73 3.01 -1.05	36.58 2.83 -1.53	36.70 3.08 -0.54	39.72 3.02 -2.80	40.06 3.21 -1.54	42.30 3.60 -1.20	44.48 3.47 -1.99	49.25 3.56 -1.80	53.42 3.14 -1.97	71.14 3.84 -1.02	72.69 3.70 -0.51	68.55 2.04 -0.62	53.97 1.50 -0.71	48.46 1.74 -0.94	44.14 2.01 -1.05	39.94 1.84 -0.64
ASTORIA_GT3_3 24100	37.55 2.17 -0.40	32.98 1.68 -0.14	30.22 1.38 -0.01	28.04 1.21 -0.01	28.87 1.19 -0.01	33.04 1.36 -0.12	42.48 1.88 -0.50	43.40 2.88 -0.51	41.73 3.01 -1.05	36.58 2.83 -1.53	36.70 3.08 -0.54	39.72 3.02 -2.80	40.06 3.21 -1.54	42.30 3.60 -1.20	44.48 3.47 -1.99	49.25 3.56 -1.80	53.42 3.14 -1.97	71.14 3.84 -1.02	72.69 3.70 -0.51	68.55 2.04 -0.62	53.97 1.50 -0.71	48.46 1.74 -0.94	44.14 2.01 -1.05	39.94 1.84 -0.64
ASTORIA_GT3_4 24101	37.55 2.17 -0.40	32.98 1.68 -0.14	30.22 1.38 -0.01	28.04 1.21 -0.01	28.87 1.19 -0.01	33.04 1.36 -0.12	42.48 1.88 -0.50	43.40 2.88 -0.51	41.73 3.01 -1.05	36.58 2.83 -1.53	36.70 3.08 -0.54	39.72 3.02 -2.80	40.06 3.21 -1.54	42.30 3.60 -1.20	44.48 3.47 -1.99	49.25 3.56 -1.80	53.42 3.14 -1.97	71.14 3.84 -1.02	72.69 3.70 -0.51	68.55 2.04 -0.62	53.97 1.50 -0.71	48.46 1.74 -0.94	44.14 2.01 -1.05	39.94 1.84 -0.64
ASTORIA_GT4_1 24102	37.55 2.17 -0.40	32.98 1.68 -0.14	30.22 1.38 -0.01	28.04 1.21 -0.01	28.87 1.19 -0.01	33.04 1.36 -0.12	42.48 1.88 -0.50	43.40 2.88 -0.51	41.73 3.01 -1.05	36.58 2.83 -1.53	36.70 3.08 -0.54	39.72 3.02 -2.80	40.06 3.21 -1.54	42.30 3.60 -1.20	44.48 3.47 -1.99	49.25 3.56 -1.80	53.42 3.14 -1.97	71.14 3.84 -1.02	72.69 3.70 -0.51	68.55 2.04 -0.62	53.97 1.50 -0.71	48.46 1.74 -0.94	44.14 2.01 -1.05	39.94 1.84 -0.64
ASTORIA_GT4_2 24103	37.55 2.17 -0.40	32.98 1.68 -0.14	30.22 1.38 -0.01	28.04 1.21 -0.01	28.87 1.19 -0.01	33.04 1.36 -0.12	42.48 1.88 -0.50	43.40 2.88 -0.51	41.73 3.01 -1.05	36.58 2.83 -1.53	36.70 3.08 -0.54	39.72 3.02 -2.80	40.06 3.21 -1.54	42.30 3.60 -1.20	44.48 3.47 -1.99	49.25 3.56 -1.80	53.42 3.14 -1.97	71.14 3.84 -1.02	72.69 3.70 -0.51	68.55 2.04 -0.62	53.97 1.50 -0.71	48.46 1.74 -0.94	44.14 2.01 -1.05	39.94 1.84 -0.64
ASTORIA_GT4_3 24104	37.55 2.17 -0.40	32.98 1.68 -0.14	30.22 1.38 -0.01	28.04 1.21 -0.01	28.87 1.19 -0.01	33.04 1.36 -0.12	42.48 1.88 -0.50	43.40 2.88 -0.51	41.73 3.01 -1.05	36.58 2.83 -1.53	36.70 3.08 -0.54	39.72 3.02 -2.80	40.06 3.21 -1.54	42.30 3.60 -1.20	44.48 3.47 -1.99	49.25 3.56 -1.80	53.42 3.14 -1.97	71.14 3.84 -1.02	72.69 3.70 -0.51	68.55 2.04 -0.62	53.97 1.50 -0.71	48.46 1.74 -0.94	44.14 2.01 -1.05	39.94 1.84 -0.64

BRENTWOD_69_KV_W. BRTWOOD 56703	37.72 2.34 -0.39	32.94 1.65 -0.13	30.19 1.36 0.00	27.90 1.07 0.00	28.73 1.05 0.00	33.00 1.33 -0.11	42.20 1.64 -0.46	43.40 2.96 -0.43	41.47 2.82 -0.98	36.70 2.96 -1.52	37.13 3.51 -0.54	39.81 3.56 -2.34	40.31 3.57 -1.44	42.56 3.90 -1.16	44.95 4.18 -1.76	49.01 3.34 -1.78	52.86 2.80 -1.74	70.04 2.98 -0.78	71.85 2.94 -0.42	66.43 0.59 0.05	53.52 1.29 -0.47	47.98 1.28 -0.92	43.97 1.89 -1.01	39.48 1.39 -0.64
BRISTLHL_115KV_TB1 79998	36.23 -0.24 -1.49	32.00 -0.12 -0.96	29.19 -0.14 -0.50	27.00 -0.16 -0.33	28.14 -0.11 -0.57	32.69 -0.09 -1.22	42.20 -0.16 -2.26	42.84 -0.04 -2.87	40.17 -0.08 -2.59	33.38 -0.16 -1.33	34.77 -0.17 -1.86	35.66 -0.17 -1.92	36.82 -0.07 -1.58	39.01 -0.07 -1.59	40.71 -0.08 -1.76	46.24 0.04 -2.30	53.17 0.29 -4.57	70.57 0.40 -3.89	76.26 0.68 -7.09	72.56 0.40 -6.28	56.32 0.10 -4.46	48.80 -0.09 -3.11	42.97 -0.12 -2.02	39.67 -0.07 -2.28
BROOKHAVEN___DRP 24191	36.99 1.61 -0.39	32.19 0.90 -0.13	29.47 0.63 0.00	27.20 0.38 0.00	28.01 0.33 0.00	32.18 0.50 -0.11	41.20 0.64 -0.46	42.52 2.08 -0.43	40.61 1.96 -0.98	35.99 2.26 -1.52	36.43 2.81 -0.54	39.08 2.88 -2.30	39.39 2.65 -1.44	41.62 2.96 -1.16	44.07 3.32 -1.73	47.95 2.28 -1.78	51.65 1.59 -1.74	68.18 1.13 -0.77	69.86 0.96 -0.42	65.37 -0.46 0.06	52.28 0.05 -0.47	46.79 0.09 -0.92	42.99 0.90 -1.01	38.47 0.37 -0.64
BROOKLYN_NAVY_YARD 23515	37.06 1.68 -0.39	32.56 1.28 -0.13	29.96 1.12 0.00	27.76 0.94 0.00	28.62 0.94 0.00	32.75 1.07 -0.11	41.96 1.40 -0.46	42.93 2.48 -0.44	41.37 2.71 -0.99	36.41 2.67 -1.52	36.56 2.94 -0.53	39.51 3.05 -2.55	39.81 3.07 -1.44	42.00 3.34 -1.16	44.46 3.59 -1.85	48.93 3.25 -1.79	52.98 2.90 -1.77	70.73 3.64 -0.81	72.27 3.35 -0.44	68.16 1.84 -0.43	53.50 1.24 -0.50	48.04 1.33 -0.93	43.65 1.56 -1.01	39.48 1.39 -0.64
BROOKLYN___ARMY_DRP 323595	37.51 2.13 -0.39	33.01 1.71 -0.14	30.31 1.47 -0.01	28.07 1.23 -0.01	28.93 1.25 -0.01	33.10 1.42 -0.12	41.61 1.76 0.25	41.71 2.80 1.09	40.31 3.05 0.40	36.51 2.77 -1.53	36.69 3.08 -0.54	37.07 3.29 0.13	38.56 3.46 0.20	41.52 3.67 -0.35	42.37 3.75 0.40	49.01 3.56 -1.56	48.25 3.09 3.15	65.50 3.91 4.69	70.99 3.70 1.20	62.88 2.11 5.11	47.37 1.50 5.89	48.50 1.79 -0.93	43.14 1.89 -0.18	39.78 1.69 -0.64
BROOME_2_LFGE 323671	36.31 0.39 -0.94	32.28 0.53 -0.60	29.66 0.43 -0.39	27.38 0.35 -0.21	28.43 0.47 -0.29	32.73 0.54 -0.63	42.00 0.52 -1.39	42.04 0.64 -1.39	39.68 0.68 -1.34	33.74 0.55 -0.97	34.67 0.60 -1.00	35.77 0.68 -1.19	37.49 0.85 -1.34	39.87 0.86 -1.51	41.48 0.82 -1.64	47.23 1.10 -2.23	53.85 1.45 -4.09	71.24 1.79 -3.17	76.52 2.26 -5.78	72.49 1.52 -5.09	56.48 0.93 -3.78	49.26 0.69 -2.79	43.64 0.70 -1.86	40.32 0.82 -2.04
BROOME___LFGE 323600	36.31 0.39 -0.94	32.28 0.53 -0.60	29.66 0.43 -0.39	27.38 0.35 -0.21	28.43 0.47 -0.29	32.73 0.54 -0.63	42.00 0.52 -1.39	42.04 0.64 -1.39	39.68 0.68 -1.34	33.74 0.55 -0.97	34.67 0.60 -1.00	35.77 0.68 -1.19	37.49 0.85 -1.34	39.87 0.86 -1.51	41.48 0.82 -1.64	47.23 1.10 -2.23	53.85 1.45 -4.09	71.24 1.79 -3.17	76.52 2.26 -5.78	72.49 1.52 -5.09	56.48 0.93 -3.78	49.26 0.69 -2.79	43.64 0.70 -1.86	40.32 0.82 -2.04
BROWNFLS_115KV_TB_3_5 80003	44.93 0.87 -9.07	38.04 0.78 -6.10	30.55 0.66 -1.05	29.46 0.62 -2.02	33.73 0.66 -5.39	43.56 0.85 -11.14	56.12 1.36 -14.66	69.51 1.00 -28.50	65.96 0.72 -27.58	44.11 0.39 -11.51	51.77 0.40 -18.29	51.53 0.34 -17.28	41.52 0.28 -5.93	38.40 0.07 -0.82	39.86 -0.08 -0.92	45.04 -0.04 -1.19	50.73 0.05 -2.37	73.61 0.33 -7.00	80.45 0.68 -11.28	76.72 1.25 -9.58	55.26 1.19 -2.31	48.81 1.42 -1.61	43.27 1.15 -1.05	39.54 0.90 -1.18
BROWNSV1_27_KV_LOAD 356125	37.37 1.99 -0.39	32.84 1.56 -0.13	30.22 1.38 0.00	27.98 1.15 0.00	28.84 1.16 0.00	33.00 1.33 -0.11	42.30 1.80 -0.40	43.15 2.84 -0.30	41.58 3.05 -0.86	36.67 2.93 -1.52	36.86 3.24 -0.53	39.42 3.32 -2.19	39.95 3.42 -1.22	42.34 3.75 -1.09	44.61 3.94 -1.65	49.48 3.82 -1.77	53.21 3.58 -1.33	70.96 4.37 -0.31	73.02 4.25 -0.29	68.52 2.64 0.00	53.67 1.92 0.00	48.59 1.88 -0.93	43.98 1.97 -0.93	39.82 1.72 -0.64
BURROWS___LYONSDAL 23803	38.71 0.80 -2.92	33.86 0.75 -1.95	29.98 0.69 -0.45	28.12 0.64 -0.65	29.99 0.69 -1.63	35.79 0.85 -3.38	46.13 1.36 -4.67	49.92 1.36 -8.55	46.89 1.02 -8.21	36.27 0.55 -3.51	39.10 0.53 -5.49	39.70 0.54 -5.25	37.96 0.53 -2.12	38.61 0.34 -0.77	40.12 0.23 -0.86	45.50 0.48 -1.12	51.41 0.87 -2.23	70.96 1.46 -3.22	76.01 2.05 -5.48	72.67 2.04 -4.74	55.54 1.60 -2.18	48.81 1.51 -1.52	43.21 1.15 -0.98	39.36 0.79 -1.11
CAITHNESS_CC_1 323624	36.95 1.58 -0.39	32.19 0.90 -0.13	29.47 0.63 0.00	27.20 0.38 0.00	28.01 0.33 0.00	32.18 0.50 -0.11	41.19 0.64 -0.46	42.35 2.04 -0.30	40.64 1.99 -0.98	35.99 2.25 -1.52	36.43 2.81 -0.54	38.75 2.54 -2.29	39.39 2.65 -1.44	41.59 2.93 -1.16	44.03 3.28 -1.73	47.60 1.93 -1.78	51.41 1.35 -1.74	67.91 0.86 -0.77	69.52 0.61 -0.42	65.30 -0.53 0.06	51.92 -0.31 -0.47	46.61 -0.09 -0.92	42.95 0.86 -1.01	39.03 0.94 -0.64
CALPINE BETH_PAGE_GT4 24209	37.13 1.75 -0.39	32.53 1.25 -0.13	29.84 1.01 0.00	27.63 0.80 0.00	28.42 0.75 0.00	32.62 0.95 -0.11	41.28 0.72 -0.46	42.36 1.92 -0.43	40.57 1.92 -0.99	35.92 2.19 -1.52	36.24 2.61 -0.55	39.34 2.64 -2.79	39.43 2.68 -1.44	41.59 2.92 -1.17	44.14 3.08 -2.04	48.04 2.37 -1.78	51.89 1.84 -1.75	68.98 1.92 -0.78	70.62 1.71 -0.42	66.28 0.33 -0.07	52.49 0.26 -0.47	47.07 0.37 -0.92	42.99 0.90 -1.01	38.84 0.75 -0.64
CALPINE_BETH_PAGE_GT_4 323586	37.13 1.75 -0.39	32.53 1.25 -0.13	29.84 1.01 0.00	27.63 0.80 0.00	28.42 0.75 0.00	32.62 0.95 -0.11	41.28 0.72 -0.46	42.23 1.92 -0.30	40.60 1.96 -0.99	35.92 2.19 -1.52	36.24 2.61 -0.55	39.28 2.58 -2.79	39.43 2.68 -1.44	41.59 2.93 -1.17	44.10 3.05 -2.04	47.78 2.11 -1.78	51.75 1.69 -1.75	68.85 1.79 -0.78	70.41 1.50 -0.42	66.15 0.20 -0.07	52.28 0.05 -0.47	46.98 0.28 -0.92	42.98 0.90 -1.01	39.11 1.01 -0.64
CALPINE_BP_GT1 23823	37.13 1.75 -0.39	32.53 1.25 -0.13	29.84 1.01 0.00	27.63 0.80 0.00	28.42 0.75 0.00	32.62 0.95 -0.11	41.28 0.72 -0.46	42.23 1.92 -0.30	40.60 1.96 -0.99	35.92 2.19 -1.52	36.24 2.61 -0.55	39.28 2.58 -2.79	39.43 2.68 -1.44	41.59 2.93 -1.17	44.10 3.05 -2.04	47.78 2.11 -1.78	51.75 1.69 -1.75	68.85 1.79 -0.78	70.41 1.50 -0.42	66.15 0.20 -0.07	52.28 0.05 -0.47	46.98 0.28 -0.92	42.98 0.90 -1.01	39.11 1.01 -0.64
CALSPAN___DRP 24200	36.02 0.28 -0.75	32.82 1.18 -0.48	29.98 0.84 -0.31	27.64 0.64 -0.17	28.85 0.94 -0.23	33.24 1.17 -0.51	41.52 0.32 -1.11	40.99 -0.20 -1.18	39.00 0.34 -1.00	33.27 0.45 -0.60	34.28 0.43 -0.77	35.43 0.68 -0.85	37.53 1.27 -0.95	39.74 1.12 -1.12	40.89 0.62 -1.25	46.77 1.23 -1.64	53.70 2.13 -3.27	71.42 2.52 -2.62	76.67 3.36 -4.83	72.15 1.98 -4.29	55.83 0.88 -3.19	48.82 0.82 -2.22	43.71 1.19 -1.44	41.08 1.99 -1.63

CALVERTON___SOLAR 323806	37.02 1.64 -0.39	32.22 0.93 -0.13	29.50 0.66 0.00	27.23 0.40 0.00	28.01 0.33 0.00	32.21 0.54 -0.11	41.24 0.68 -0.46	42.43 2.12 -0.30	40.68 2.03 -0.98	36.02 2.29 -1.52	36.46 2.85 -0.54	38.78 2.58 -2.30	39.46 2.72 -1.44	41.66 3.00 -1.16	44.14 3.39 -1.73	47.73 2.06 -1.78	51.60 1.55 -1.74	68.18 1.13 -0.77	69.79 0.89 -0.42	65.50 -0.33 0.06	52.07 -0.15 -0.47	46.75 0.05 -0.92	43.03 0.95 -1.01	39.11 1.01 -0.64
CANDIGU_WT_PWR 323617	36.29 0.42 -0.88	32.68 0.97 -0.56	29.92 0.72 -0.37	27.59 0.56 -0.20	28.78 0.83 -0.27	33.20 1.04 -0.60	42.04 0.64 -1.30	41.80 0.44 -1.35	39.30 0.49 -1.15	33.25 0.36 -0.68	34.29 0.33 -0.88	35.45 0.58 -0.97	37.24 0.85 -1.09	39.60 0.82 -1.28	41.03 0.59 -1.42	46.83 1.05 -1.88	53.84 1.79 -3.74	71.47 2.18 -3.00	77.37 3.35 -5.53	73.10 2.30 -4.91	56.75 1.34 -3.65	49.38 1.05 -2.54	43.88 1.15 -1.65	40.94 1.61 -1.87
CARR STREET_E_SYR 24060	36.47 -0.17 -1.66	32.20 -0.03 -1.07	29.35 -0.06 -0.57	27.11 -0.08 -0.37	28.24 -0.06 -0.62	32.80 -0.09 -1.34	42.33 -0.28 -2.51	42.97 -0.16 -3.12	40.27 -0.19 -2.80	33.45 -0.22 -1.46	34.87 -0.23 -2.02	35.84 -0.17 -2.10	36.95 -0.14 -1.79	39.22 -0.11 -1.84	40.91 -0.16 -2.04	46.51 -0.04 -2.66	53.75 0.15 -5.29	70.88 0.13 -4.47	76.98 0.34 -8.15	73.17 0.07 -7.22	56.82 -0.10 -5.16	49.10 -0.27 -3.60	43.17 -0.24 -2.33	39.92 -0.19 -2.64
CARTHAGE___PAPER 23857	41.00 1.05 -4.97	35.40 0.93 -3.31	30.51 0.84 -0.84	28.71 0.78 -1.11	31.23 0.86 -2.70	38.28 1.10 -5.61	49.81 1.81 -7.91	55.83 1.68 -14.14	52.36 1.17 -13.53	38.57 0.51 -5.84	42.66 0.50 -9.09	43.10 0.47 -8.72	39.47 0.43 -3.73	39.31 0.19 -1.62	40.86 0.04 -1.80	46.59 0.35 -2.35	53.85 0.87 -4.67	73.98 1.66 -6.04	81.41 2.54 -10.40	77.75 2.83 -9.03	58.59 2.27 -4.55	51.11 2.15 -3.17	44.78 1.64 -2.06	40.91 1.12 -2.33
CASSADAGA_WT_PWR 323784	36.76 1.02 -0.76	33.48 1.84 -0.48	30.53 1.38 -0.31	28.15 1.15 -0.17	29.43 1.52 -0.23	34.00 1.93 -0.51	42.90 1.68 -1.12	42.48 1.28 -1.19	40.11 1.43 -1.01	34.27 1.45 -0.60	35.35 1.49 -0.78	36.86 2.10 -0.85	38.85 2.58 -0.96	41.14 2.51 -1.13	42.30 2.03 -1.26	48.49 2.94 -1.66	55.67 4.06 -3.30	73.23 4.31 -2.65	78.84 5.48 -4.87	74.03 3.82 -4.33	57.25 2.27 -3.22	50.03 2.01 -2.24	44.71 2.18 -1.45	41.88 2.77 -1.65
CE_DUNWOOD___DRP 24194	36.81 1.43 -0.39	32.38 1.09 -0.13	29.81 0.98 0.00	27.66 0.83 0.00	28.50 0.83 0.00	32.59 0.92 -0.11	41.74 1.24 -0.40	42.47 2.16 -0.30	40.86 2.34 -0.86	35.98 2.26 -1.51	36.15 2.55 -0.53	38.17 2.61 -1.66	39.20 2.68 -1.21	41.50 2.92 -1.08	43.47 3.12 -1.32	48.60 2.94 -1.76	52.34 2.71 -1.32	69.83 3.25 -0.31	71.92 3.15 -0.29	67.60 1.71 0.00	53.00 1.24 0.00	47.94 1.24 -0.93	43.36 1.36 -0.93	39.26 1.16 -0.63
CE_MILLWOOD___DRP 24193	36.74 1.36 -0.39	32.31 1.03 -0.13	29.76 0.92 0.00	27.60 0.78 0.00	28.45 0.77 0.00	32.53 0.85 -0.11	41.66 1.16 -0.40	42.39 2.08 -0.30	40.74 2.22 -0.86	35.92 2.19 -1.51	36.05 2.45 -0.52	37.96 2.51 -1.54	39.09 2.58 -1.21	41.39 2.81 -1.08	43.28 3.00 -1.26	48.46 2.81 -1.75	52.19 2.56 -1.32	69.70 3.12 -0.31	71.78 3.01 -0.29	67.47 1.58 0.00	52.95 1.19 0.00	47.90 1.19 -0.93	43.28 1.27 -0.93	39.22 1.12 -0.63
CE_NYC2_DRP 24202	37.23 1.85 -0.39	32.76 1.46 -0.14	30.14 1.30 -0.01	27.93 1.10 -0.01	28.79 1.11 -0.01	32.92 1.23 -0.12	42.71 1.60 -1.01	44.23 2.60 -1.62	42.56 2.82 -2.07	36.48 2.74 -1.53	36.63 3.01 -0.54	42.69 3.05 -5.73	41.86 3.21 -3.34	42.78 3.49 -1.79	46.18 3.51 -3.64	49.23 3.38 -1.95	56.79 2.90 -5.58	74.78 3.45 -5.05	73.46 3.29 -1.69	71.70 1.71 -4.10	57.67 1.19 -4.72	48.18 1.46 -0.93	44.37 1.64 -1.65	39.59 1.50 -0.64
CE_NYC_DRP 24195	37.13 1.75 -0.39	32.66 1.37 -0.13	30.01 1.18 0.00	27.82 0.99 0.00	28.67 1.00 0.00	32.81 1.14 -0.11	42.02 1.52 -0.40	42.83 2.52 -0.30	41.28 2.75 -0.86	36.45 2.71 -1.52	36.59 2.98 -0.53	39.16 3.09 -2.17	39.67 3.14 -1.22	42.04 3.45 -1.09	44.28 3.63 -1.63	49.13 3.47 -1.77	52.83 3.19 -1.33	70.36 3.78 -0.31	72.40 3.63 -0.29	67.93 2.04 0.00	53.21 1.45 0.00	48.27 1.56 -0.93	43.65 1.64 -0.93	39.56 1.46 -0.64
CHAFFEE___LFGE 323603	36.02 0.28 -0.76	32.82 1.18 -0.48	29.98 0.84 -0.31	27.64 0.64 -0.17	28.85 0.94 -0.23	33.24 1.17 -0.51	41.61 0.40 -1.12	41.16 -0.04 -1.19	39.09 0.42 -1.01	33.33 0.51 -0.60	34.35 0.50 -0.77	35.77 1.02 -0.85	37.61 1.34 -0.96	39.86 1.24 -1.13	41.05 0.78 -1.25	46.95 1.40 -1.65	53.87 2.27 -3.29	71.24 2.32 -2.64	76.70 3.35 -4.86	72.11 1.91 -4.32	55.95 0.98 -3.21	48.88 0.87 -2.24	43.76 1.23 -1.45	41.09 1.98 -1.64
CHATEAUG_35_KV_LOAD 355732	37.75 0.91 -1.85	33.19 0.78 -1.25	29.61 0.61 -0.18	27.75 0.51 -0.41	29.31 0.50 -1.14	34.54 0.63 -2.35	43.99 0.88 -3.01	46.44 0.40 -6.03	43.90 0.38 -5.86	35.08 0.45 -2.42	37.44 0.50 -3.87	37.95 0.41 -3.64	36.66 0.21 -1.14	37.54 0.04 0.00	38.90 -0.12 0.00	43.32 -0.57 0.00	47.39 -0.92 0.00	66.53 -0.86 -1.11	69.02 -1.16 -1.70	66.77 -0.53 -1.41	51.35 -0.41 0.00	45.69 -0.09 0.00	41.24 0.16 0.00	37.68 0.22 0.00
CHATEAUG_WT_PWR 323614	36.58 0.88 -0.72	32.39 0.75 -0.49	29.48 0.58 -0.07	27.47 0.48 -0.16	28.59 0.47 -0.44	33.07 0.60 -0.91	42.07 0.80 -1.17	42.71 0.36 -2.34	40.35 0.42 -2.28	33.64 0.48 -0.94	35.14 0.56 -1.50	35.76 0.44 -1.41	36.00 0.25 -0.44	37.57 0.08 0.00	38.90 -0.12 0.00	43.81 -0.09 0.00	48.31 0.00 0.00	67.11 0.40 -0.43	69.21 0.07 -0.66	66.96 0.52 -0.55	52.17 0.41 0.00	46.19 0.41 0.00	41.12 0.04 0.00	37.57 0.11 0.00
CHAT_HIGH_FALL_HYD 323578	37.75 0.91 -1.85	33.19 0.78 -1.25	29.61 0.61 -0.18	27.75 0.51 -0.41	29.31 0.50 -1.14	34.54 0.63 -2.35	43.99 0.88 -3.01	46.44 0.40 -6.03	43.90 0.38 -5.86	35.08 0.45 -2.42	37.44 0.50 -3.87	37.95 0.41 -3.64	36.66 0.21 -1.14	37.54 0.04 0.00	38.90 -0.12 0.00	43.32 -0.57 0.00	47.39 -0.92 0.00	66.53 -0.86 -1.11	69.02 -1.16 -1.70	66.77 -0.53 -1.41	51.35 -0.41 0.00	45.69 -0.09 0.00	41.24 0.16 0.00	37.68 0.22 0.00
CHAUTAUQUA___LFGE 323629	36.47 0.74 -0.75	33.22 1.59 -0.48	30.33 1.18 -0.31	27.96 0.96 -0.17	29.23 1.33 -0.23	33.71 1.64 -0.51	42.17 0.96 -1.11	41.68 0.48 -1.19	39.54 0.87 -1.01	33.75 0.93 -0.60	34.78 0.92 -0.77	36.24 1.49 -0.85	38.13 1.87 -0.96	40.42 1.80 -1.12	41.60 1.33 -1.25	47.60 2.06 -1.65	54.63 3.05 -3.28	72.36 3.44 -2.63	77.92 4.59 -4.84	73.22 3.03 -4.30	56.72 1.76 -3.20	49.57 1.56 -2.23	44.33 1.81 -1.45	41.61 2.51 -1.64
CHERRYST_13_KV_LD 356241	37.27 1.89 -0.39	32.75 1.46 -0.13	30.13 1.30 0.00	27.93 1.10 0.00	28.75 1.08 0.00	32.91 1.23 -0.11	42.18 1.68 -0.40	42.99 2.68 -0.30	41.43 2.90 -0.86	36.57 2.83 -1.52	36.76 3.14 -0.53	39.30 3.22 -2.17	39.84 3.32 -1.22	42.19 3.60 -1.09	44.48 3.82 -1.63	49.30 3.64 -1.77	53.07 3.43 -1.33	70.70 4.11 -0.31	72.67 3.90 -0.29	68.19 2.31 0.00	53.42 1.66 0.00	48.40 1.69 -0.93	43.82 1.81 -0.93	39.67 1.57 -0.64

CHESTROR_138KV_BK263 355645	36.38 1.05 -0.34	32.05 0.78 -0.11	29.52 0.69 0.00	27.44 0.62 0.00	28.26 0.58 0.00	32.29 0.63 -0.10	41.33 0.88 -0.35	42.00 1.72 -0.27	40.29 1.85 -0.78	35.35 1.77 -1.36	35.50 1.95 -0.47	37.11 2.00 -1.20	38.45 2.05 -1.09	40.76 2.29 -0.97	42.50 2.46 -1.02	47.81 2.33 -1.59	51.68 2.17 -1.20	69.27 2.72 -0.28	71.34 2.60 -0.26	67.21 1.32 0.00	52.69 0.93 0.00	47.53 0.92 -0.84	42.95 1.03 -0.84	38.93 0.90 -0.57
CH_MIDHUDSON___DRP 24192	36.44 1.19 -0.26	32.12 0.87 -0.09	29.64 0.81 0.00	27.55 0.72 0.00	28.37 0.69 0.00	32.37 0.73 -0.08	41.41 1.04 -0.27	42.18 1.88 -0.29	40.46 1.92 -0.88	35.59 1.84 -1.54	35.65 2.05 -0.52	37.11 2.10 -1.10	38.69 2.15 -1.23	40.96 2.36 -1.10	42.55 2.54 -1.00	48.13 2.46 -1.78	51.92 2.27 -1.34	69.37 2.78 -0.31	71.45 2.67 -0.29	67.27 1.38 0.00	52.79 1.04 0.00	47.73 1.01 -0.94	43.09 1.07 -0.94	39.04 0.94 -0.64
CH_MISC_IPPS 23765	36.69 1.40 -0.30	32.32 1.06 -0.10	29.78 0.95 0.00	27.66 0.83 0.00	28.50 0.83 0.00	32.57 0.92 -0.09	41.72 1.32 -0.31	42.41 2.12 -0.28	40.74 2.26 -0.81	35.71 2.06 -1.43	35.82 2.25 -0.49	37.17 2.24 -1.02	38.82 2.37 -1.14	41.14 2.62 -1.02	42.79 2.85 -0.92	48.32 2.77 -1.66	52.22 2.66 -1.25	70.08 3.51 -0.29	72.11 3.35 -0.27	67.93 2.04 0.00	53.26 1.50 0.00	48.08 1.42 -0.88	43.43 1.48 -0.88	39.37 1.31 -0.60
CH_RES_BVR_FALLS 23983	34.59 0.04 0.43	30.89 0.03 0.29	28.82 0.03 0.04	26.76 0.03 0.10	27.44 0.03 0.27	31.04 0.03 0.55	39.43 0.04 0.70	38.48 -0.12 1.41	36.18 -0.11 1.37	31.59 -0.06 0.56	32.11 -0.07 0.90	32.99 -0.07 0.85	34.93 -0.11 0.27	37.35 -0.15 0.00	38.83 -0.19 0.00	43.68 -0.22 0.00	48.07 -0.24 0.00	65.69 -0.33 0.26	67.68 -0.41 0.40	65.29 -0.26 0.33	51.60 -0.15 0.00	45.69 -0.09 0.00	40.91 -0.16 0.00	37.31 -0.15 0.00
CH_RES_NIAGARA 23895	35.64 -0.07 -0.73	32.58 0.97 -0.46	29.77 0.63 -0.30	27.47 0.48 -0.16	28.67 0.77 -0.22	32.91 0.85 -0.49	40.21 -0.96 -1.08	39.53 -1.64 -1.16	37.70 -0.94 -0.98	32.25 -0.55 -0.59	33.20 -0.63 -0.75	34.33 -0.41 -0.83	36.38 0.14 -0.93	38.48 -0.11 -1.10	39.54 -0.70 -1.22	45.15 -0.35 -1.61	51.75 0.24 -3.19	68.71 -0.13 -2.57	73.75 0.55 -4.72	69.42 -0.66 -4.19	53.74 -1.14 -3.12	47.22 -0.73 -2.17	42.36 -0.12 -1.41	40.74 1.69 -1.60
CH_RES_SYRACUSE 23985	37.18 0.00 -2.19	32.66 0.09 -1.41	29.70 0.06 -0.81	27.31 0.00 -0.49	28.50 0.06 -0.77	33.32 0.09 -1.67	43.50 0.12 -3.29	44.08 0.20 -3.88	41.24 0.15 -3.42	34.14 0.06 -1.86	35.68 0.07 -2.53	36.68 0.10 -2.67	37.98 0.18 -2.49	40.38 0.19 -2.69	42.21 0.20 -2.99	48.16 0.39 -3.87	56.64 0.63 -7.70	73.46 0.80 -6.38	81.25 1.09 -11.67	77.03 0.79 -10.35	59.74 0.46 -7.51	51.20 0.18 -5.24	44.64 0.16 -3.40	41.46 0.15 -3.85
CLINTON_WT_PWR 323605	36.58 0.88 -0.72	32.39 0.75 -0.49	29.48 0.58 -0.07	27.47 0.48 -0.16	28.59 0.47 -0.44	33.07 0.60 -0.91	42.07 0.80 -1.17	42.71 0.36 -2.34	40.35 0.42 -2.28	33.64 0.48 -0.94	35.14 0.56 -1.50	35.76 0.44 -1.41	36.00 0.25 -0.44	37.57 0.08 0.00	38.90 -0.12 0.00	43.81 -0.09 0.00	48.31 0.00 0.00	67.11 0.40 -0.43	69.21 0.07 -0.66	66.96 0.52 -0.55	52.17 0.41 0.00	46.19 0.41 0.00	41.12 0.04 0.00	37.57 0.11 0.00
CLINTON___LFGE 323618	37.64 1.54 -1.11	33.28 1.37 -0.75	30.03 1.10 -0.11	28.04 0.96 -0.25	29.30 0.94 -0.68	34.14 1.17 -1.41	43.47 1.56 -1.81	44.76 1.12 -3.63	42.28 1.09 -3.53	34.80 1.13 -1.45	36.60 1.19 -2.33	37.18 1.08 -2.19	36.84 0.85 -0.69	38.17 0.68 0.00	39.53 0.51 0.00	44.55 0.66 0.00	49.23 0.92 0.00	68.74 1.79 -0.67	70.94 1.44 -1.02	68.58 1.84 -0.85	53.16 1.40 0.00	47.02 1.24 0.00	41.73 0.66 0.00	38.17 0.71 0.00
COBBLENY_34_KV_TB1 80064	36.02 0.28 -0.76	32.82 1.18 -0.48	29.98 0.84 -0.31	27.64 0.64 -0.17	28.85 0.94 -0.23	33.24 1.17 -0.51	41.61 0.40 -1.12	41.16 -0.04 -1.19	39.09 0.41 -1.01	33.33 0.52 -0.60	34.35 0.50 -0.77	35.50 0.75 -0.85	37.61 1.34 -0.96	39.86 1.24 -1.13	40.98 0.70 -1.25	46.91 1.36 -1.65	53.92 2.32 -3.29	71.70 2.78 -2.64	76.97 3.63 -4.86	72.44 2.24 -4.32	56.00 1.04 -3.21	48.93 0.92 -2.24	43.76 1.23 -1.45	41.09 1.99 -1.64
COFFEEN___115KV_TB3 355620	40.85 1.33 -4.54	35.38 1.22 -3.01	30.83 1.12 -0.87	28.85 1.02 -1.01	31.17 1.13 -2.36	37.91 1.42 -4.93	49.56 2.29 -7.18	54.53 2.20 -12.32	50.92 1.54 -11.72	38.11 0.74 -5.15	41.70 0.69 -7.92	42.24 0.68 -7.66	39.58 0.67 -3.60	39.97 0.52 -1.95	41.54 0.35 -2.17	47.55 0.83 -2.82	55.47 1.55 -5.61	75.46 2.78 -6.40	83.64 3.97 -11.18	79.74 4.08 -9.76	60.49 3.26 -5.47	52.52 2.93 -3.82	45.81 2.26 -2.48	41.83 1.57 -2.80
COLDSPRG_115KV_BK1 355956	36.73 0.98 -0.76	33.39 1.74 -0.49	30.45 1.30 -0.32	28.07 1.07 -0.17	29.38 1.47 -0.23	33.94 1.86 -0.52	43.07 1.84 -1.13	42.77 1.56 -1.20	40.41 1.73 -1.02	34.47 1.64 -0.61	35.52 1.65 -0.78	36.80 2.03 -0.86	39.00 2.72 -0.97	41.26 2.62 -1.14	42.47 2.19 -1.27	48.68 3.12 -1.67	56.08 4.44 -3.32	73.92 4.97 -2.67	79.42 6.03 -4.91	74.66 4.41 -4.36	57.54 2.54 -3.24	50.10 2.06 -2.26	44.72 2.18 -1.47	41.78 2.66 -1.66
COLONIE_LFGE___ 323577	35.21 0.66 0.44	31.48 0.47 0.15	29.32 0.49 0.00	27.31 0.48 0.00	28.09 0.42 0.00	31.91 0.47 0.13	40.37 0.72 0.45	40.90 1.24 0.35	37.89 1.09 0.87	31.63 0.93 1.52	33.39 0.83 0.52	33.59 0.78 1.09	34.90 0.81 1.22	37.27 0.86 1.09	39.09 1.05 0.98	43.38 1.23 1.74	48.25 1.25 1.31	67.83 1.85 0.30	70.11 1.91 0.29	66.94 1.05 0.00	52.54 0.78 0.00	45.50 0.64 0.92	40.81 0.66 0.93	37.28 0.45 0.63
COOPERNY_115KV_TB1 80082	36.09 0.84 -0.27	31.87 0.62 -0.09	29.44 0.61 0.00	27.33 0.51 0.00	28.20 0.53 0.00	32.15 0.50 -0.08	41.09 0.72 -0.27	42.08 1.52 -0.56	40.17 1.62 -0.89	34.97 1.55 -1.21	35.42 1.75 -0.58	36.80 1.80 -1.09	38.25 1.84 -1.11	40.59 2.02 -1.07	42.31 2.19 -1.10	47.13 1.98 -1.26	51.10 1.84 -0.95	68.75 2.25 -0.22	70.88 2.19 -0.21	67.01 1.12 0.00	52.54 0.78 0.00	47.22 0.78 -0.67	42.61 0.86 -0.67	38.66 0.75 -0.45
COPENHAGEN_WT_PWR 323753	40.43 1.02 -4.42	35.05 0.97 -2.93	30.58 0.86 -0.88	28.59 0.78 -0.98	30.83 0.89 -2.27	37.41 1.10 -4.75	48.88 1.81 -6.98	53.60 1.76 -11.84	50.10 1.20 -11.24	37.73 0.55 -4.97	41.22 0.53 -7.62	41.79 0.51 -7.38	39.37 0.49 -3.57	39.87 0.34 -2.04	41.48 0.20 -2.26	47.41 0.57 -2.95	55.33 1.16 -5.86	74.83 2.06 -6.50	82.96 3.08 -11.39	79.01 3.16 -9.96	60.01 2.54 -5.72	52.05 2.29 -3.99	45.43 1.77 -2.59	41.62 1.23 -2.93
CORNELL_____ 23752	36.87 0.66 -1.22	32.68 0.75 -0.77	29.97 0.63 -0.50	27.63 0.54 -0.27	28.71 0.66 -0.37	33.17 0.79 -0.82	42.89 1.00 -1.79	42.94 1.12 -1.82	40.18 0.98 -1.54	33.78 0.64 -0.92	34.86 0.60 -1.18	35.85 0.64 -1.30	37.55 0.78 -1.46	40.04 0.82 -1.72	41.75 0.82 -1.91	47.65 1.23 -2.53	55.18 1.84 -5.03	72.91 2.58 -4.04	79.14 3.22 -7.44	75.19 2.70 -6.60	58.48 1.81 -4.91	50.53 1.33 -3.42	44.45 1.15 -2.22	41.06 1.09 -2.51

CORONA_69_KV_TB1 355595	37.23 1.85 -0.39	32.66 1.37 -0.13	29.96 1.12 0.00	27.74 0.91 0.00	28.56 0.89 0.00	32.75 1.07 -0.11	41.64 1.08 -0.46	42.68 2.24 -0.44	40.95 2.30 -0.99	36.28 2.55 -1.52	36.56 2.91 -0.57	40.73 2.92 -3.91	39.79 3.04 -1.45	41.93 3.26 -1.17	45.06 3.32 -2.72	48.57 2.90 -1.78	52.58 2.51 -1.75	69.98 2.92 -0.78	71.65 2.74 -0.43	67.64 1.38 -0.37	53.27 1.04 -0.47	47.67 0.96 -0.93	43.44 1.36 -1.01	39.18 1.09 -0.64
CORTLAND_115KV_TB3 80093	37.37 0.70 -1.68	32.96 0.72 -1.09	30.01 0.63 -0.54	27.76 0.56 -0.37	28.98 0.64 -0.67	33.77 0.79 -1.42	43.81 1.16 -2.55	44.70 1.32 -3.37	41.78 1.05 -3.06	34.43 0.68 -1.54	35.96 0.69 -2.19	36.82 0.68 -2.24	37.83 0.78 -1.75	40.02 0.82 -1.70	41.76 0.86 -1.89	47.57 1.23 -2.45	54.92 1.74 -4.87	72.94 2.45 -4.21	79.14 3.01 -7.65	75.42 2.77 -6.77	58.48 1.97 -4.75	50.56 1.46 -3.31	44.38 1.15 -2.15	40.87 0.97 -2.43
COXSACKIE___GT 23611	35.89 1.02 0.11	31.86 0.75 0.04	29.32 0.49 0.00	27.33 0.51 0.00	28.12 0.44 0.00	32.32 0.79 0.03	41.34 1.36 0.12	41.80 1.88 0.08	39.32 1.66 0.00	33.09 0.87 0.00	33.71 0.63 0.00	34.32 0.44 0.02	35.84 0.53 0.00	38.21 0.71 0.00	39.53 0.74 0.23	44.58 1.27 0.59	49.80 1.79 0.30	69.39 3.18 0.07	71.64 3.22 0.07	67.80 1.91 0.00	53.21 1.45 0.00	47.08 1.51 0.21	42.10 1.23 0.21	38.18 0.86 0.14
CPV_VALLEY___CC1 323721	36.14 0.84 -0.32	31.85 0.59 -0.11	29.38 0.55 0.00	27.28 0.46 0.00	28.12 0.44 0.00	32.10 0.44 -0.09	41.06 0.64 -0.33	41.69 1.44 -0.25	39.96 1.58 -0.72	35.02 1.55 -1.26	35.26 1.75 -0.43	36.71 1.76 -1.04	38.15 1.83 -1.01	40.42 2.02 -0.90	42.10 2.18 -0.90	47.34 1.98 -1.47	51.11 1.69 -1.11	68.66 2.12 -0.26	70.71 1.99 -0.24	66.68 0.79 0.00	52.22 0.46 0.00	47.11 0.55 -0.78	42.64 0.78 -0.78	38.67 0.67 -0.53
CPV_VALLEY___CC2 323722	36.14 0.84 -0.32	31.85 0.59 -0.11	29.38 0.55 0.00	27.28 0.46 0.00	28.12 0.44 0.00	32.10 0.44 -0.09	41.06 0.64 -0.33	41.69 1.44 -0.25	39.96 1.58 -0.72	35.02 1.55 -1.26	35.26 1.75 -0.43	36.71 1.76 -1.04	38.15 1.83 -1.01	40.42 2.02 -0.90	42.10 2.18 -0.90	47.34 1.98 -1.47	51.11 1.69 -1.11	68.66 2.12 -0.26	70.71 1.99 -0.24	66.68 0.79 0.00	52.22 0.46 0.00	47.11 0.55 -0.78	42.64 0.78 -0.78	38.67 0.67 -0.53
CRESCENT___HYD 24018	35.21 0.66 0.44	31.48 0.47 0.15	29.32 0.49 0.00	27.31 0.48 0.00	28.09 0.42 0.00	31.91 0.47 0.13	40.37 0.72 0.45	40.90 1.24 0.35	37.89 1.09 0.87	31.63 0.93 1.52	33.39 0.83 0.52	33.59 0.78 1.09	34.90 0.81 1.22	37.27 0.86 1.09	39.09 1.05 0.98	43.38 1.23 1.74	48.25 1.25 1.31	67.83 1.85 0.30	70.11 1.91 0.29	66.94 1.05 0.00	52.54 0.78 0.00	45.50 0.64 0.92	40.81 0.66 0.93	37.28 0.45 0.63
CRICKET___VALLEY_CC1 323756	29.89 0.63 5.73	29.66 0.40 1.90	29.24 0.40 0.00	27.23 0.40 0.00	28.01 0.33 0.00	30.14 0.25 1.67	34.65 0.40 5.85	36.87 1.24 4.38	28.23 1.39 10.83	14.64 1.42 18.99	28.18 1.59 6.49	21.83 1.59 13.67	21.74 1.66 15.22	25.73 1.80 13.57	28.67 1.99 12.34	23.71 1.71 21.89	33.18 1.35 16.48	64.12 1.66 3.82	66.26 1.37 3.59	66.06 0.20 0.02	51.86 0.10 0.00	34.39 0.18 11.57	29.96 0.49 11.61	29.97 0.41 7.90
CRICKET___VALLEY_CC2 323757	29.89 0.63 5.73	29.66 0.40 1.90	29.24 0.40 0.00	27.23 0.40 0.00	28.01 0.33 0.00	30.14 0.25 1.67	34.65 0.40 5.85	36.87 1.24 4.38	28.23 1.39 10.83	14.64 1.42 18.99	28.18 1.59 6.49	21.83 1.59 13.67	21.74 1.66 15.22	25.73 1.80 13.57	28.67 1.99 12.34	23.71 1.71 21.89	33.18 1.35 16.48	64.12 1.66 3.82	66.26 1.37 3.59	66.06 0.20 0.02	51.86 0.10 0.00	34.39 0.18 11.57	29.96 0.49 11.61	29.97 0.41 7.90
CRICKET___VALLEY_CC3 323758	29.89 0.63 5.73	29.66 0.40 1.90	29.24 0.40 0.00	27.23 0.40 0.00	28.01 0.33 0.00	30.14 0.25 1.67	34.65 0.40 5.85	36.87 1.24 4.38	28.23 1.39 10.83	14.64 1.42 18.99	28.18 1.59 6.49	21.83 1.59 13.67	21.74 1.66 15.22	25.73 1.80 13.57	28.67 1.99 12.34	23.71 1.71 21.89	33.18 1.35 16.48	64.12 1.66 3.82	66.26 1.37 3.59	66.06 0.20 0.02	51.86 0.10 0.00	34.39 0.18 11.57	29.96 0.49 11.61	29.97 0.41 7.90
CRUCIBLE_METL_DRP 24180	37.18 0.00 -2.19	32.66 0.09 -1.41	29.70 0.06 -0.81	27.31 0.00 -0.49	28.50 0.06 -0.77	33.32 0.09 -1.67	43.50 0.12 -3.29	44.08 0.20 -3.88	41.24 0.15 -3.42	34.14 0.06 -1.86	35.68 0.07 -2.53	36.64 0.07 -2.67	37.98 0.18 -2.49	40.38 0.19 -2.69	42.21 0.20 -2.99	48.16 0.40 -3.87	56.69 0.68 -7.70	73.52 0.86 -6.38	81.32 1.16 -11.67	77.15 0.92 -10.35	59.79 0.52 -7.51	51.24 0.23 -5.24	44.64 0.16 -3.40	41.46 0.15 -3.85
DAHOWA___HYDRO 323763	35.68 1.05 0.36	31.88 0.84 0.12	29.64 0.81 0.00	27.58 0.75 0.00	28.39 0.72 0.00	32.34 0.88 0.10	41.09 1.36 0.37	41.49 1.76 0.28	38.20 1.24 0.70	31.86 0.87 1.23	33.36 0.70 0.42	33.64 0.61 0.88	34.92 0.60 0.98	37.33 0.71 0.88	39.13 0.90 0.79	43.76 1.27 1.40	48.85 1.59 1.06	68.69 2.65 0.24	71.40 3.15 0.23	68.19 2.30 0.00	53.47 1.71 0.00	46.46 1.42 0.74	41.56 1.23 0.74	37.89 0.94 0.51
DANC___LFGE 323619	39.23 0.45 -3.80	34.12 0.47 -2.49	30.17 0.40 -0.93	28.04 0.38 -0.84	29.90 0.44 -1.78	35.88 0.57 -3.75	47.00 1.00 -5.90	50.19 1.00 -9.18	46.89 0.64 -8.59	36.37 0.19 -3.96	39.16 0.17 -5.91	39.91 0.17 -5.83	38.86 0.18 -3.38	40.09 0.08 -2.52	41.74 -0.08 -2.80	47.71 0.18 -3.64	56.18 0.63 -7.24	74.43 1.13 -7.02	82.87 1.85 -12.54	78.76 1.84 -11.03	60.22 1.40 -7.07	51.94 1.24 -4.92	45.22 0.95 -3.20	41.71 0.64 -3.62
DANSKAMMER___1 23586	36.69 1.40 -0.30	32.32 1.06 -0.10	29.78 0.95 0.00	27.66 0.83 0.00	28.50 0.83 0.00	32.57 0.92 -0.09	41.72 1.32 -0.31	42.41 2.12 -0.28	40.74 2.26 -0.81	35.71 2.06 -1.43	35.82 2.25 -0.49	37.17 2.24 -1.02	38.82 2.37 -1.14	41.14 2.62 -1.02	42.79 2.85 -0.92	48.32 2.77 -1.66	52.22 2.66 -1.25	70.08 3.51 -0.29	72.11 3.35 -0.27	67.93 2.04 0.00	53.26 1.50 0.00	48.08 1.42 -0.88	43.43 1.48 -0.88	39.37 1.31 -0.60
DANSKAMMER___2 23589	36.69 1.40 -0.30	32.32 1.06 -0.10	29.78 0.95 0.00	27.66 0.83 0.00	28.50 0.83 0.00	32.57 0.92 -0.09	41.72 1.32 -0.31	42.41 2.12 -0.28	40.74 2.26 -0.81	35.71 2.06 -1.43	35.82 2.25 -0.49	37.17 2.24 -1.02	38.82 2.37 -1.14	41.14 2.62 -1.02	42.79 2.85 -0.92	48.32 2.77 -1.66	52.22 2.66 -1.25	70.08 3.51 -0.29	72.11 3.35 -0.27	67.93 2.04 0.00	53.26 1.50 0.00	48.08 1.42 -0.88	43.43 1.48 -0.88	39.37 1.31 -0.60
DANSKAMMER___3 23590	36.69 1.40 -0.30	32.32 1.06 -0.10	29.78 0.95 0.00	27.66 0.83 0.00	28.50 0.83 0.00	32.57 0.92 -0.09	41.72 1.32 -0.31	42.41 2.12 -0.28	40.74 2.26 -0.81	35.71 2.06 -1.43	35.82 2.25 -0.49	37.17 2.24 -1.02	38.82 2.37 -1.14	41.14 2.62 -1.02	42.79 2.85 -0.92	48.32 2.77 -1.66	52.22 2.66 -1.25	70.08 3.51 -0.29	72.11 3.35 -0.27	67.93 2.04 0.00	53.26 1.50 0.00	48.08 1.42 -0.88	43.43 1.48 -0.88	39.37 1.31 -0.60

DANSKAMMER___4 23591	36.69 1.40 -0.30	32.32 1.06 -0.10	29.78 0.95 0.00	27.66 0.83 0.00	28.50 0.83 0.00	32.57 0.92 -0.09	41.72 1.32 -0.31	42.41 2.12 -0.28	40.74 2.26 -0.81	35.71 2.06 -1.43	35.82 2.25 -0.49	37.17 2.24 -1.02	38.82 2.37 -1.14	41.14 2.62 -1.02	42.79 2.85 -0.92	48.32 2.77 -1.66	52.22 2.66 -1.25	70.08 3.51 -0.29	72.11 3.35 -0.27	67.93 2.04 0.00	53.26 1.50 0.00	48.08 1.42 -0.88	43.43 1.48 -0.88	39.37 1.31 -0.60
DANSKAMMER___DIESEL 23592	36.69 1.40 -0.30	32.31 1.06 -0.10	29.78 0.95 0.00	27.66 0.83 0.00	28.50 0.83 0.00	32.57 0.92 -0.09	41.73 1.32 -0.31	42.41 2.12 -0.28	40.74 2.26 -0.81	35.70 2.06 -1.43	35.82 2.25 -0.49	37.24 2.31 -1.02	38.82 2.37 -1.14	41.14 2.62 -1.02	42.79 2.85 -0.93	48.40 2.85 -1.66	52.36 2.80 -1.25	70.15 3.58 -0.29	72.31 3.56 -0.27	68.06 2.17 0.00	53.36 1.60 0.00	48.17 1.51 -0.88	43.43 1.48 -0.88	39.33 1.27 -0.60
DARBY___SOLAR 323810	35.56 0.94 0.37	31.78 0.75 0.12	29.58 0.75 0.00	27.52 0.70 0.00	28.34 0.66 0.00	32.24 0.79 0.11	40.91 1.20 0.38	41.36 1.64 0.29	38.14 1.20 0.73	31.77 0.84 1.28	33.30 0.66 0.44	33.56 0.58 0.92	34.84 0.56 1.03	37.22 0.64 0.92	39.05 0.86 0.83	43.61 1.19 1.47	48.71 1.50 1.10	68.48 2.45 0.26	71.05 2.81 0.24	67.93 2.04 0.00	53.26 1.50 0.00	46.24 1.24 0.78	41.41 1.11 0.78	37.75 0.82 0.53
DASHVILLE___HYD 23610	36.54 1.36 -0.19	32.25 1.03 -0.06	29.58 0.75 0.00	27.47 0.64 0.00	28.28 0.61 0.00	32.50 0.88 -0.06	41.57 1.28 -0.20	42.26 2.08 -0.17	40.44 2.26 -0.52	35.19 2.06 -0.91	35.64 2.25 -0.31	36.83 2.27 -0.65	38.40 2.37 -0.73	40.77 2.62 -0.65	42.46 2.85 -0.59	47.69 2.81 -0.99	51.85 2.75 -0.78	70.04 3.58 -0.18	72.14 3.49 -0.17	67.34 1.45 0.00	52.85 1.09 0.00	47.84 1.51 -0.55	43.10 1.48 -0.55	39.11 1.27 -0.37
DELAWARE___LFGE 323621	36.28 0.80 -0.49	32.15 0.69 -0.31	29.73 0.69 -0.20	27.55 0.62 -0.11	28.49 0.66 -0.15	32.59 0.69 -0.33	41.78 0.96 -0.72	42.04 1.28 -0.76	39.64 1.21 -0.77	33.85 0.97 -0.67	34.70 1.06 -0.56	35.72 1.09 -0.72	37.29 1.17 -0.82	39.66 1.27 -0.89	41.25 1.29 -0.94	46.73 1.49 -1.34	52.27 1.69 -2.27	70.28 2.32 -1.68	73.99 2.47 -3.05	70.19 1.65 -2.66	54.98 1.24 -1.98	48.47 1.14 -1.55	43.21 1.07 -1.07	39.49 0.90 -1.13
DERFIELD_115KV_TB7 355931	35.32 0.03 -0.30	31.39 0.03 -0.20	28.89 0.03 -0.03	26.94 0.05 -0.07	27.88 0.03 -0.18	31.97 0.03 -0.38	40.66 0.08 -0.48	41.21 0.24 -0.96	38.79 0.19 -0.94	32.76 0.16 -0.39	33.83 0.13 -0.62	34.66 0.17 -0.58	35.67 0.18 -0.18	37.69 0.19 0.00	39.21 0.20 0.00	44.11 0.22 0.00	48.60 0.29 0.00	66.79 0.33 -0.18	69.16 0.41 -0.27	66.24 0.13 -0.23	51.86 0.10 0.00	45.82 0.05 0.00	41.12 0.04 0.00	37.46 0.00 0.00
DOGLEVILLE___HYD 23807	34.93 -0.35 -0.30	31.08 -0.28 -0.20	28.63 -0.23 -0.03	26.70 -0.19 -0.07	27.66 -0.19 -0.18	31.75 -0.19 -0.38	40.58 0.00 -0.48	41.09 0.12 -0.96	38.56 -0.04 -0.94	32.41 -0.19 -0.39	33.50 -0.20 -0.62	34.32 -0.17 -0.58	35.31 -0.18 -0.18	37.31 -0.19 0.00	38.79 -0.23 0.00	43.67 -0.22 0.00	48.02 -0.29 0.00	65.99 -0.46 -0.18	68.48 -0.27 -0.27	65.65 -0.46 -0.23	51.35 -0.41 0.00	45.69 -0.09 0.00	40.87 -0.21 0.00	37.16 -0.30 0.00
DUNKIRK___115KV_TB_200 55889	36.44 0.70 -0.75	33.16 1.53 -0.48	30.27 1.12 -0.31	27.90 0.91 -0.17	29.18 1.27 -0.23	33.65 1.58 -0.51	42.05 0.84 -1.11	41.56 0.36 -1.19	39.46 0.79 -1.01	33.69 0.87 -0.60	34.71 0.86 -0.77	35.94 1.19 -0.85	38.06 1.80 -0.96	40.27 1.65 -1.12	41.44 1.17 -1.25	47.43 1.89 -1.65	54.53 2.95 -3.27	72.69 3.78 -2.63	78.12 4.79 -4.84	73.41 3.23 -4.30	56.66 1.71 -3.20	49.52 1.51 -2.23	44.25 1.73 -1.45	41.53 2.43 -1.64
DUNKIRK___1 23563	36.44 0.70 -0.75	33.16 1.53 -0.48	30.27 1.12 -0.31	27.90 0.91 -0.17	29.18 1.27 -0.23	33.65 1.58 -0.51	42.05 0.84 -1.11	41.56 0.36 -1.19	39.46 0.79 -1.01	33.69 0.87 -0.60	34.71 0.86 -0.77	35.94 1.19 -0.85	38.06 1.80 -0.96	40.27 1.65 -1.12	41.44 1.17 -1.25	47.43 1.89 -1.65	54.53 2.95 -3.27	72.69 3.78 -2.63	78.12 4.79 -4.84	73.41 3.23 -4.30	56.66 1.71 -3.20	49.52 1.51 -2.23	44.25 1.73 -1.45	41.53 2.43 -1.64
DUNKIRK___2 23564	36.44 0.70 -0.75	33.16 1.53 -0.48	30.27 1.12 -0.31	27.90 0.91 -0.17	29.18 1.27 -0.23	33.65 1.58 -0.51	42.05 0.84 -1.11	41.56 0.36 -1.19	39.46 0.79 -1.01	33.69 0.87 -0.60	34.71 0.86 -0.77	35.94 1.19 -0.85	38.06 1.80 -0.96	40.27 1.65 -1.12	41.44 1.17 -1.25	47.43 1.89 -1.65	54.53 2.95 -3.27	72.69 3.78 -2.63	78.12 4.79 -4.84	73.41 3.23 -4.30	56.66 1.71 -3.20	49.52 1.51 -2.23	44.25 1.73 -1.45	41.53 2.43 -1.64
DUNKIRK___3 23565	36.19 0.45 -0.75	32.97 1.34 -0.48	30.10 0.95 -0.31	27.74 0.75 -0.17	29.01 1.11 -0.23	33.43 1.36 -0.51	41.77 0.56 -1.11	41.27 0.08 -1.19	39.23 0.56 -1.00	33.46 0.64 -0.60	34.48 0.63 -0.77	35.67 0.92 -0.85	37.78 1.52 -0.95	40.01 1.39 -1.12	41.16 0.90 -1.25	47.12 1.58 -1.64	54.14 2.56 -3.27	72.09 3.18 -2.63	77.43 4.11 -4.84	72.81 2.64 -4.29	56.24 1.29 -3.19	49.15 1.14 -2.22	43.92 1.40 -1.44	41.27 2.17 -1.63
DUNKIRK___4 23566	36.19 0.45 -0.75	32.97 1.34 -0.48	30.10 0.95 -0.31	27.74 0.75 -0.17	29.01 1.11 -0.23	33.43 1.36 -0.51	41.77 0.56 -1.11	41.27 0.08 -1.19	39.23 0.56 -1.00	33.46 0.64 -0.60	34.48 0.63 -0.77	35.67 0.92 -0.85	37.78 1.52 -0.95	40.01 1.39 -1.12	41.16 0.90 -1.25	47.12 1.58 -1.64	54.14 2.56 -3.27	72.09 3.18 -2.63	77.43 4.11 -4.84	72.81 2.64 -4.29	56.24 1.29 -3.19	49.15 1.14 -2.22	43.92 1.40 -1.44	41.27 2.17 -1.63
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	36.92 1.54 -0.39	32.44 1.15 -0.13	29.87 1.04 0.00	27.71 0.89 0.00	28.56 0.89 0.00	32.65 0.98 -0.11	41.90 1.32 -0.48	42.77 2.28 -0.48	41.14 2.45 -1.03	36.12 2.38 -1.52	36.27 2.68 -0.51	37.82 2.75 -1.17	39.60 2.79 -1.50	41.75 3.07 -1.18	43.31 3.28 -1.02	48.75 3.07 -1.78	53.01 2.80 -1.90	70.60 3.38 -0.94	72.25 3.29 -0.48	68.28 1.84 -0.55	53.74 1.35 -0.63	48.04 1.33 -0.93	43.58 1.48 -1.03	39.37 1.27 -0.64
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	36.52 1.22 -0.31	32.16 0.90 -0.10	29.67 0.84 0.00	27.55 0.72 0.00	28.37 0.69 0.00	32.41 0.76 -0.09	41.49 1.08 -0.32	42.20 1.92 -0.27	40.50 2.07 -0.77	35.50 1.93 -1.35	35.69 2.15 -0.46	37.11 2.17 -1.03	38.65 2.26 -1.08	40.98 2.51 -0.97	42.63 2.69 -0.91	48.10 2.63 -1.57	52.01 2.51 -1.18	69.74 3.18 -0.27	71.89 3.15 -0.26	67.67 1.78 0.00	53.05 1.29 0.00	47.85 1.24 -0.83	43.18 1.27 -0.83	39.11 1.09 -0.57
E179THST_138_KV_TB4_REV_LBMP_J 345001	37.38 1.99 -0.40	32.85 1.56 -0.14	30.11 1.27 -0.01	27.96 1.13 -0.01	28.79 1.11 -0.01	32.95 1.26 -0.12	42.32 1.68 -0.55	43.33 2.72 -0.60	41.67 2.86 -1.14	36.45 2.71 -1.53	36.56 2.94 -0.54	39.32 2.88 -2.54	40.11 3.11 -1.70	42.16 3.41 -1.25	44.16 3.32 -1.83	49.08 3.38 -1.81	53.54 2.95 -2.28	71.24 3.58 -1.38	72.51 3.42 -0.61	68.59 1.78 -0.93	54.12 1.29 -1.06	48.27 1.56 -0.93	43.99 1.81 -1.10	39.75 1.65 -0.64

E179THST_13_KV_LOAD 356214	37.55 2.17 -0.40	33.01 1.71 -0.14	30.25 1.41 -0.01	28.07 1.23 -0.01	28.90 1.22 -0.01	33.07 1.39 -0.12	42.57 1.92 -0.55	43.53 2.92 -0.60	41.86 3.05 -1.14	36.61 2.87 -1.53	36.72 3.11 -0.54	39.53 3.09 -2.54	40.33 3.32 -1.70	42.38 3.64 -1.25	44.40 3.55 -1.83	49.39 3.69 -1.81	53.88 3.29 -2.28	71.70 4.04 -1.38	72.99 3.90 -0.61	69.05 2.24 -0.93	54.43 1.60 -1.06	48.50 1.79 -0.93	44.19 2.01 -1.10	39.94 1.84 -0.64
EAST HAMPTON___GT 23717	37.55 2.17 -0.39	32.65 1.37 -0.13	29.78 0.95 0.00	27.41 0.59 0.00	28.17 0.50 0.00	32.43 0.76 -0.11	41.40 0.84 -0.46	42.83 2.52 -0.30	41.17 2.52 -0.98	36.63 2.90 -1.52	37.36 3.74 -0.54	39.83 3.63 -2.30	40.59 3.85 -1.44	42.93 4.27 -1.16	45.59 4.84 -1.73	49.27 3.60 -1.78	53.39 3.33 -1.74	70.63 3.58 -0.77	72.33 3.42 -0.42	67.87 2.04 0.06	53.88 1.66 -0.47	48.17 1.46 -0.92	44.22 2.13 -1.01	40.19 2.10 -0.64
EAST RIVER___6 23660	37.19 1.82 -0.39	32.69 1.40 -0.13	30.07 1.24 0.00	27.87 1.05 0.00	28.73 1.05 0.00	32.81 1.13 -0.11	42.02 1.52 -0.40	42.83 2.52 -0.30	41.27 2.75 -0.86	36.45 2.71 -1.52	36.62 3.01 -0.53	39.16 3.09 -2.17	39.70 3.18 -1.22	42.08 3.49 -1.09	44.36 3.71 -1.63	49.09 3.43 -1.77	52.68 3.05 -1.33	70.30 3.71 -0.31	72.19 3.42 -0.29	67.73 1.84 0.00	53.00 1.24 0.00	48.17 1.46 -0.93	43.74 1.72 -0.93	39.63 1.54 -0.64
EAST RIVER___7 23524	37.19 1.82 -0.39	32.69 1.40 -0.13	30.07 1.24 0.00	27.87 1.05 0.00	28.73 1.05 0.00	32.81 1.13 -0.11	42.02 1.52 -0.40	42.83 2.52 -0.30	41.27 2.75 -0.86	36.45 2.71 -1.52	36.62 3.01 -0.53	39.16 3.09 -2.17	39.70 3.18 -1.22	42.08 3.49 -1.09	44.36 3.71 -1.63	49.09 3.43 -1.77	52.68 3.05 -1.33	70.30 3.71 -0.31	72.19 3.42 -0.29	67.73 1.84 0.00	53.00 1.24 0.00	48.17 1.46 -0.93	43.74 1.72 -0.93	39.63 1.54 -0.64
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	36.81 1.43 -0.39	32.38 1.09 -0.13	29.81 0.98 0.00	27.66 0.83 0.00	28.50 0.83 0.00	32.59 0.92 -0.11	41.74 1.24 -0.40	42.47 2.16 -0.30	40.86 2.34 -0.86	35.98 2.26 -1.51	36.15 2.55 -0.53	38.17 2.61 -1.66	39.20 2.68 -1.21	41.50 2.92 -1.08	43.47 3.12 -1.32	48.60 2.94 -1.76	52.34 2.71 -1.32	69.83 3.25 -0.31	71.92 3.15 -0.29	67.60 1.71 0.00	53.00 1.24 0.00	47.94 1.24 -0.93	43.36 1.36 -0.93	39.26 1.16 -0.63
EAST_HAMPTON___DIESEL 23722	37.51 2.13 -0.39	32.62 1.34 -0.13	29.76 0.92 0.00	27.36 0.54 0.00	28.14 0.47 0.00	32.37 0.69 -0.11	41.32 0.76 -0.46	42.75 2.44 -0.30	41.09 2.45 -0.98	36.60 2.87 -1.52	37.32 3.70 -0.54	39.83 3.63 -2.30	40.59 3.85 -1.44	42.93 4.27 -1.16	45.59 4.84 -1.73	49.27 3.60 -1.78	53.39 3.33 -1.74	70.63 3.58 -0.77	72.33 3.42 -0.42	67.87 2.04 0.06	53.88 1.66 -0.47	48.17 1.46 -0.92	44.22 2.13 -1.01	40.19 2.10 -0.64
EAST_POINT___SOLAR 323840	37.06 2.27 0.20	33.02 1.93 0.07	30.68 1.85 0.00	28.49 1.66 0.00	29.45 1.77 0.00	33.65 2.15 0.06	43.10 3.21 0.20	42.70 2.84 0.15	38.07 0.79 0.38	31.25 -0.29 0.67	32.29 -0.56 0.23	32.88 -0.54 0.48	34.38 -0.39 0.54	36.57 -0.45 0.48	38.19 -0.39 0.43	43.25 0.13 0.77	48.98 1.25 0.58	70.26 4.11 0.13	74.79 6.44 0.13	71.55 5.67 0.00	56.05 4.29 0.00	48.89 3.53 0.41	43.71 3.04 0.41	39.65 2.47 0.28
EAST_PULASKI___ESR 323781	38.45 -0.07 -3.54	33.48 0.03 -2.29	29.96 0.00 -1.13	27.58 -0.03 -0.79	29.11 0.03 -1.41	34.67 0.09 -3.01	45.68 0.20 -5.38	47.39 0.28 -7.10	44.22 0.11 -6.45	35.35 -0.10 -3.23	37.54 -0.13 -4.59	38.50 -0.10 -4.70	38.82 -0.11 -3.62	40.83 -0.15 -3.49	42.66 -0.23 -3.88	48.81 -0.13 -5.04	58.49 0.15 -10.03	75.30 0.33 -8.69	85.03 0.75 -15.79	80.51 0.66 -13.97	61.91 0.36 -9.79	52.88 0.28 -6.82	45.71 0.21 -4.43	42.55 0.08 -5.01
EAST_RIVER___1 323558	37.13 1.75 -0.39	32.65 1.37 -0.13	30.02 1.18 0.00	27.82 0.99 0.00	28.67 0.99 0.00	32.81 1.13 -0.11	42.02 1.52 -0.40	42.83 2.52 -0.30	41.27 2.75 -0.86	36.45 2.71 -1.52	36.59 2.98 -0.53	39.13 3.05 -2.17	39.66 3.14 -1.22	42.00 3.41 -1.09	44.28 3.63 -1.63	48.99 3.33 -1.77	52.64 3.00 -1.33	70.30 3.71 -0.31	72.26 3.49 -0.29	67.80 1.91 0.00	53.05 1.29 0.00	48.13 1.42 -0.93	43.66 1.64 -0.93	39.60 1.50 -0.64
EAST_RIVER___2 323559	37.19 1.82 -0.39	32.69 1.40 -0.13	30.07 1.24 0.00	27.87 1.05 0.00	28.73 1.05 0.00	32.81 1.13 -0.11	42.02 1.52 -0.40	42.83 2.52 -0.30	41.27 2.75 -0.86	36.45 2.71 -1.52	36.62 3.01 -0.53	39.16 3.09 -2.17	39.70 3.18 -1.22	42.08 3.49 -1.09	44.36 3.71 -1.63	49.09 3.43 -1.77	52.68 3.05 -1.33	70.30 3.71 -0.31	72.19 3.42 -0.29	67.73 1.84 0.00	53.00 1.24 0.00	48.17 1.46 -0.93	43.74 1.72 -0.93	39.63 1.54 -0.64
EAST___DELAWARE_HYD 23607	36.54 1.30 -0.26	32.21 0.97 -0.09	29.70 0.86 0.00	27.55 0.72 0.00	28.39 0.72 0.00	32.46 0.82 -0.08	41.61 1.24 -0.27	42.30 2.08 -0.22	40.43 2.15 -0.63	35.18 1.87 -1.10	35.51 2.05 -0.38	36.74 2.00 -0.84	38.34 2.15 -0.88	40.65 2.36 -0.79	42.33 2.57 -0.73	47.74 2.54 -1.30	51.86 2.56 -0.99	69.95 3.44 -0.23	72.12 3.42 -0.22	68.06 2.17 0.00	53.31 1.55 0.00	47.94 1.46 -0.69	43.25 1.48 -0.70	39.17 1.23 -0.47
EIGHT_POINT___WT_PWR 323820	36.71 0.81 -0.92	33.11 1.37 -0.59	30.28 1.07 -0.38	27.94 0.91 -0.20	29.17 1.22 -0.28	33.70 1.51 -0.62	42.70 1.24 -1.36	42.42 1.00 -1.41	39.76 0.90 -1.19	33.61 0.68 -0.71	34.59 0.60 -0.92	35.79 0.88 -1.01	37.64 1.20 -1.14	40.03 1.20 -1.33	41.40 0.90 -1.48	47.39 1.54 -1.96	54.72 2.51 -3.90	72.59 3.18 -3.13	78.90 4.66 -5.76	74.62 3.62 -5.11	57.84 2.27 -3.80	50.17 1.74 -2.65	44.60 1.81 -1.72	41.65 2.25 -1.95
ELBRIDGE_115KV_TB2 80188	37.05 -0.17 -2.24	32.56 -0.03 -1.43	29.61 -0.06 -0.84	27.21 -0.11 -0.50	28.39 -0.06 -0.77	33.20 -0.03 -1.67	43.36 -0.08 -3.34	43.91 0.00 -3.90	41.06 -0.04 -3.44	34.00 -0.10 -1.88	35.51 -0.10 -2.53	36.49 -0.10 -2.69	37.89 0.00 -2.58	40.32 0.00 -2.82	42.12 -0.04 -3.14	48.14 0.13 -4.11	56.88 0.39 -8.18	73.49 0.46 -6.74	81.59 0.75 -12.35	77.23 0.40 -10.95	59.84 0.10 -7.98	51.30 -0.05 -5.56	44.60 -0.08 -3.61	41.51 -0.04 -4.09
ELEC_TRO_TEK 24086	36.99 1.61 -0.39	32.44 1.15 -0.13	29.78 0.95 0.00	27.58 0.75 0.00	28.37 0.69 0.00	32.56 0.88 -0.11	41.48 0.92 -0.46	42.48 2.04 -0.44	40.79 2.15 -0.99	36.08 2.35 -1.52	36.36 2.71 -0.57	40.47 2.71 -3.85	39.58 2.82 -1.44	41.71 3.04 -1.17	44.83 3.12 -2.69	48.30 2.63 -1.78	52.24 2.17 -1.75	69.51 2.45 -0.78	71.17 2.26 -0.42	67.11 0.92 -0.30	52.85 0.62 -0.47	47.39 0.69 -0.93	43.19 1.11 -1.01	38.96 0.86 -0.64
ELLENBURG_WT_PWR 323604	36.58 0.88 -0.72	32.39 0.75 -0.49	29.48 0.58 -0.07	27.47 0.48 -0.16	28.59 0.47 -0.44	33.07 0.60 -0.91	42.07 0.80 -1.17	42.71 0.36 -2.34	40.35 0.42 -2.28	33.64 0.48 -0.94	35.14 0.56 -1.50	35.76 0.44 -1.41	36.00 0.25 -0.44	37.57 0.08 0.00	38.90 -0.12 0.00	43.81 -0.09 0.00	48.31 0.00 0.00	67.11 0.40 -0.43	69.21 0.07 -0.66	66.96 0.52 -0.55	52.17 0.41 0.00	46.19 0.41 0.00	41.12 0.04 0.00	37.57 0.11 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	35.87 0.14 -0.74	32.72 1.09 -0.47	29.89 0.75 -0.31	27.58 0.59 -0.16	28.79 0.89 -0.23	33.13 1.07 -0.50	41.27 0.08 -1.09	40.74 -0.44 -1.17	38.77 0.11 -0.99	33.10 0.29 -0.59	34.11 0.26 -0.76	35.25 0.51 -0.84	37.35 1.09 -0.94	39.54 0.94 -1.11	40.64 0.39 -1.23	46.48 0.97 -1.62	53.33 1.79 -3.23	70.93 2.05 -2.60	76.07 2.81 -4.78	71.64 1.52 -4.24	55.43 0.52 -3.15	48.53 0.55 -2.20	43.45 0.94 -1.43	40.95 1.87 -1.61
EMPIRE_CC_1 323656	34.58 0.07 0.47	30.94 -0.06 0.16	28.83 0.00 0.00	26.96 0.13 0.00	27.65 -0.03 0.00	31.33 -0.09 0.14	39.57 -0.04 0.48	40.12 0.48 0.37	37.27 0.53 0.92	31.09 0.48 1.61	32.96 0.43 0.55	33.16 0.41 1.15	34.41 0.39 1.29	36.76 0.41 1.15	38.53 0.55 1.04	42.62 0.57 1.84	47.27 0.34 1.39	66.36 0.40 0.32	68.39 0.21 0.30	65.36 -0.53 0.00	51.34 -0.42 0.00	44.49 -0.32 0.97	39.94 -0.16 0.98	36.57 -0.22 0.66
EMPIRE_CC_2 323658	34.58 0.07 0.47	30.94 -0.06 0.16	28.83 0.00 0.00	26.96 0.13 0.00	27.65 -0.03 0.00	31.33 -0.09 0.14	39.57 -0.04 0.48	40.12 0.48 0.37	37.27 0.53 0.92	31.09 0.48 1.61	32.96 0.43 0.55	33.16 0.41 1.15	34.41 0.39 1.29	36.76 0.41 1.15	38.53 0.55 1.04	42.62 0.57 1.84	47.27 0.34 1.39	66.36 0.40 0.32	68.39 0.21 0.30	65.36 -0.53 0.00	51.34 -0.42 0.00	44.49 -0.32 0.97	39.94 -0.16 0.98	36.57 -0.22 0.66
ENORWICH_115KV_TB1 80156	38.06 2.13 -0.94	33.81 2.06 -0.60	31.07 1.85 -0.39	28.72 1.69 -0.21	29.85 1.88 -0.29	34.44 2.24 -0.64	44.70 3.21 -1.39	44.63 3.24 -1.38	41.60 2.64 -1.30	34.85 1.64 -0.99	35.60 1.55 -0.97	36.71 1.63 -1.17	38.43 1.80 -1.32	40.85 1.87 -1.48	42.41 1.79 -1.60	48.80 2.68 -2.22	56.28 3.87 -4.10	75.42 5.97 -3.18	81.62 7.33 -5.81	77.66 6.65 -5.12	60.54 4.97 -3.81	52.74 4.17 -2.79	46.35 3.41 -1.86	42.31 2.81 -2.04
ERIE_ST__34_KV_TB1-2 80199	35.91 0.17 -0.75	32.69 1.06 -0.48	29.84 0.69 -0.31	27.53 0.54 -0.17	28.76 0.86 -0.23	33.14 1.07 -0.51	41.49 0.28 -1.11	41.11 -0.08 -1.19	39.08 0.41 -1.00	33.33 0.52 -0.60	34.35 0.50 -0.77	35.53 0.78 -0.85	37.64 1.38 -0.96	39.89 1.27 -1.12	41.05 0.78 -1.25	46.99 1.45 -1.64	54.00 2.42 -3.27	71.82 2.92 -2.63	77.09 3.77 -4.84	72.49 2.31 -4.29	55.99 1.04 -3.19	48.92 0.92 -2.23	43.71 1.19 -1.44	40.97 1.87 -1.63
ERIE_WT_PWR 323693	36.01 0.28 -0.75	32.82 1.18 -0.48	29.98 0.84 -0.31	27.66 0.67 -0.17	28.87 0.97 -0.23	33.27 1.20 -0.51	41.56 0.36 -1.11	41.03 -0.16 -1.18	39.00 0.34 -1.00	33.30 0.48 -0.60	34.28 0.43 -0.77	35.70 0.95 -0.85	37.53 1.27 -0.95	39.82 1.20 -1.12	40.97 0.70 -1.25	46.85 1.32 -1.64	53.70 2.12 -3.27	70.96 2.06 -2.62	76.46 3.15 -4.83	71.88 1.71 -4.29	55.77 0.83 -3.19	48.83 0.82 -2.22	43.71 1.19 -1.44	41.11 2.02 -1.63
ESPRGFLD_115KV_TB1 80157	36.85 1.75 -0.11	32.79 1.53 -0.11	30.37 1.44 -0.09	28.16 1.29 -0.05	29.15 1.41 -0.07	33.32 1.64 -0.12	42.68 2.37 -0.22	42.77 2.52 -0.24	39.51 1.77 -0.08	33.13 1.10 0.18	34.23 1.06 -0.09	34.98 1.09 0.02	36.49 1.20 0.01	38.83 1.27 -0.06	40.47 1.33 -0.12	45.75 1.80 -0.06	51.45 2.51 -0.62	71.20 4.24 -0.68	74.99 5.20 -1.31	71.45 4.35 -1.22	55.98 3.31 -0.91	48.99 2.79 -0.42	43.65 2.38 -0.19	39.76 1.99 -0.32
ETNA_115_KV_TB1_REV_LBMP_C 345029	36.82 0.59 -1.24	32.63 0.69 -0.79	29.95 0.61 -0.51	27.61 0.51 -0.27	28.66 0.61 -0.38	33.15 0.76 -0.83	42.84 0.92 -1.82	42.89 1.04 -1.84	40.13 0.90 -1.56	33.73 0.58 -0.93	34.84 0.56 -1.20	35.80 0.58 -1.32	37.53 0.74 -1.49	39.99 0.75 -1.74	41.74 0.78 -1.94	47.60 1.14 -2.57	55.16 1.74 -5.11	72.84 2.45 -4.11	79.05 3.01 -7.56	75.10 2.50 -6.71	58.40 1.66 -4.99	50.49 1.24 -3.48	44.40 1.07 -2.26	41.02 1.01 -2.55
ETNA____115KV_TB2 80207	36.82 0.59 -1.24	32.63 0.69 -0.79	29.95 0.61 -0.51	27.61 0.51 -0.27	28.66 0.61 -0.38	33.15 0.76 -0.83	42.84 0.92 -1.82	42.89 1.04 -1.84	40.13 0.90 -1.56	33.73 0.58 -0.93	34.84 0.56 -1.20	35.80 0.58 -1.32	37.53 0.74 -1.49	39.99 0.75 -1.74	41.74 0.78 -1.94	47.60 1.14 -2.57	55.16 1.74 -5.11	72.84 2.45 -4.11	79.05 3.01 -7.56	75.10 2.50 -6.71	58.40 1.66 -4.99	50.49 1.24 -3.48	44.40 1.07 -2.26	41.02 1.01 -2.55
EUCLID__115KV_TB2 356179	36.25 -0.31 -1.58	32.02 -0.16 -1.02	29.20 -0.17 -0.54	26.99 -0.19 -0.35	28.13 -0.14 -0.60	32.69 -0.16 -1.28	42.20 -0.28 -2.38	42.81 -0.20 -3.00	40.17 -0.19 -2.70	33.38 -0.23 -1.39	34.79 -0.23 -1.94	35.72 -0.20 -2.01	36.85 -0.14 -1.68	39.05 -0.15 -1.70	40.76 -0.16 -1.90	46.32 -0.04 -2.47	53.37 0.14 -4.91	70.58 0.13 -4.17	76.42 0.34 -7.60	72.68 0.07 -6.73	56.40 -0.16 -4.79	48.84 -0.27 -3.34	43.00 -0.25 -2.17	39.73 -0.19 -2.45
E_CANADA_CAP_HY 24051	36.87 2.06 0.18	32.84 1.74 0.06	30.50 1.67 0.00	28.33 1.50 0.00	29.28 1.60 0.00	33.44 1.93 0.05	42.72 2.81 0.18	42.67 2.80 0.14	38.91 1.58 0.34	32.37 0.74 0.59	33.40 0.53 0.20	33.99 0.51 0.42	35.40 0.56 0.47	37.71 0.64 0.42	39.38 0.74 0.38	44.53 1.32 0.68	50.02 2.22 0.51	70.60 4.44 0.12	74.19 5.82 0.11	70.83 4.94 0.00	55.49 3.73 0.00	48.53 3.11 0.36	43.42 2.71 0.36	39.46 2.25 0.25
E_CANADA_MHWK_HY 24050	34.93 -0.35 -0.30	31.07 -0.28 -0.20	28.63 -0.23 -0.03	26.70 -0.19 -0.07	27.66 -0.19 -0.18	31.75 -0.19 -0.38	40.58 0.00 -0.48	41.09 0.12 -0.96	38.56 -0.04 -0.94	32.41 -0.19 -0.39	33.50 -0.20 -0.62	34.32 -0.17 -0.58	35.31 -0.18 -0.18	37.31 -0.19 0.00	38.75 -0.27 0.00	43.68 -0.22 0.00	47.98 -0.34 0.00	65.92 -0.53 -0.18	68.41 -0.34 -0.27	65.58 -0.53 -0.23	51.29 -0.47 0.00	45.69 -0.09 0.00	40.87 -0.20 0.00	37.16 -0.30 0.00
E_FISHKILL__LBMP 23776	36.47 1.08 -0.40	32.07 0.78 -0.13	29.55 0.72 0.00	27.47 0.64 0.00	28.28 0.61 0.00	32.31 0.63 -0.12	41.38 0.88 -0.41	42.04 1.72 -0.31	40.43 1.88 -0.88	35.60 1.84 -1.54	35.65 2.05 -0.52	36.94 2.10 -0.93	38.70 2.15 -1.24	40.96 2.36 -1.10	42.45 2.54 -0.89	48.06 2.37 -1.79	51.79 2.13 -1.35	69.11 2.52 -0.31	71.17 2.40 -0.29	67.01 1.12 0.00	52.59 0.83 0.00	47.55 0.82 -0.95	43.01 0.99 -0.95	38.97 0.86 -0.65
FALCON__SEABRD_CC1 323796	37.44 1.50 -0.95	33.11 1.31 -0.64	29.99 1.07 -0.09	27.95 0.91 -0.21	29.14 0.89 -0.58	33.84 1.07 -1.21	43.08 1.44 -1.55	44.11 1.00 -3.10	41.69 1.02 -3.01	34.55 1.10 -1.24	36.26 1.19 -1.99	36.86 1.08 -1.87	36.71 0.81 -0.59	38.17 0.68 0.00	39.45 0.43 0.00	44.46 0.57 0.00	49.13 0.82 0.00	68.38 1.53 -0.57	70.45 1.09 -0.87	68.06 1.45 -0.73	52.85 1.09 0.00	46.74 0.96 0.00	41.53 0.45 0.00	37.98 0.52 0.00
FALCON__SEABRD_CC2 323797	37.44 1.50 -0.95	33.11 1.31 -0.64	29.99 1.07 -0.09	27.95 0.91 -0.21	29.14 0.89 -0.58	33.84 1.07 -1.21	43.08 1.44 -1.55	44.11 1.00 -3.10	41.69 1.02 -3.01	34.55 1.10 -1.24	36.26 1.19 -1.99	36.86 1.08 -1.87	36.71 0.81 -0.59	38.17 0.68 0.00	39.45 0.43 0.00	44.46 0.57 0.00	49.13 0.82 0.00	68.38 1.53 -0.57	70.45 1.09 -0.87	68.06 1.45 -0.73	52.85 1.09 0.00	46.74 0.96 0.00	41.53 0.45 0.00	37.98 0.52 0.00

FAR ROCKAWAY___4 23548	37.51 2.13 -0.39	32.91 1.62 -0.13	30.16 1.33 0.00	27.93 1.10 0.00	28.75 1.08 0.00	32.97 1.29 -0.11	41.92 1.36 -0.46	43.00 2.56 -0.44	41.25 2.60 -0.99	36.54 2.80 -1.52	36.88 3.24 -0.56	40.72 3.26 -3.55	40.14 3.39 -1.44	42.31 3.64 -1.17	45.27 3.75 -2.51	48.96 3.29 -1.78	53.06 3.00 -1.75	70.57 3.51 -0.78	72.33 3.42 -0.42	68.23 1.98 -0.36	53.73 1.50 -0.47	48.03 1.33 -0.92	43.73 1.64 -1.01	39.44 1.35 -0.64
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	37.13 1.75 -0.39	32.62 1.34 -0.13	30.01 1.18 0.00	27.82 0.99 0.00	28.67 1.00 0.00	32.78 1.10 -0.11	41.98 1.48 -0.40	42.83 2.52 -0.30	41.28 2.75 -0.86	36.41 2.67 -1.52	36.59 2.98 -0.53	39.15 3.05 -2.19	39.67 3.14 -1.22	42.00 3.41 -1.09	44.30 3.63 -1.65	49.08 3.42 -1.77	52.78 3.14 -1.33	70.36 3.78 -0.31	72.33 3.56 -0.29	67.93 2.04 0.00	53.21 1.45 0.00	48.22 1.51 -0.93	43.65 1.64 -0.93	39.52 1.42 -0.64
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	37.13 1.75 -0.39	32.62 1.34 -0.13	30.01 1.18 0.00	27.82 0.99 0.00	28.67 1.00 0.00	32.81 1.14 -0.11	42.02 1.52 -0.40	42.83 2.52 -0.30	41.28 2.75 -0.86	36.45 2.71 -1.52	36.59 2.98 -0.53	39.15 3.05 -2.19	39.67 3.14 -1.22	42.00 3.41 -1.09	44.30 3.63 -1.65	49.08 3.42 -1.77	52.78 3.14 -1.33	70.36 3.78 -0.31	72.40 3.63 -0.29	67.93 2.04 0.00	53.26 1.50 0.00	48.22 1.51 -0.93	43.65 1.64 -0.93	39.56 1.46 -0.64
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	37.09 1.71 -0.39	32.62 1.34 -0.13	29.99 1.15 0.00	27.82 0.99 0.00	28.64 0.97 0.00	32.78 1.10 -0.11	41.98 1.48 -0.40	42.83 2.52 -0.30	41.28 2.75 -0.86	36.41 2.67 -1.52	36.59 2.98 -0.53	39.15 3.05 -2.19	39.63 3.11 -1.22	42.00 3.41 -1.09	44.26 3.59 -1.65	49.04 3.38 -1.77	52.78 3.14 -1.33	70.30 3.71 -0.31	72.33 3.56 -0.29	67.86 1.98 0.00	53.21 1.45 0.00	48.22 1.51 -0.93	43.61 1.60 -0.93	39.52 1.42 -0.64
FARRAGUT___LBMP 323566	37.09 1.71 -0.39	32.59 1.31 -0.13	29.99 1.15 0.00	27.79 0.97 0.00	28.64 0.97 0.00	32.75 1.07 -0.11	41.94 1.44 -0.40	42.79 2.48 -0.30	41.20 2.67 -0.86	36.38 2.64 -1.52	36.56 2.94 -0.53	39.08 2.98 -2.19	39.59 3.07 -1.22	41.93 3.34 -1.09	44.22 3.55 -1.65	49.00 3.34 -1.77	52.68 3.04 -1.33	70.23 3.65 -0.31	72.26 3.49 -0.29	67.80 1.91 0.00	53.16 1.40 0.00	48.18 1.46 -0.93	43.61 1.60 -0.93	39.48 1.39 -0.64
FENNER___WINDPWR 24204	37.29 0.74 -1.57	32.89 0.72 -1.02	29.95 0.66 -0.45	27.76 0.59 -0.35	29.01 0.66 -0.67	33.77 0.79 -1.42	43.70 1.20 -2.41	44.80 1.36 -3.43	41.88 1.05 -3.16	34.39 0.64 -1.53	35.96 0.66 -2.22	36.82 0.68 -2.23	37.58 0.74 -1.53	39.60 0.75 -1.35	41.26 0.74 -1.50	46.94 1.10 -1.95	53.69 1.50 -3.87	71.88 2.12 -3.48	77.45 2.67 -6.30	73.88 2.44 -5.56	57.35 1.81 -3.78	49.88 1.46 -2.64	43.98 1.19 -1.71	40.33 0.94 -1.94
FIBERTEK___ENERGY 23856	37.18 0.00 -2.19	32.66 0.09 -1.41	29.70 0.06 -0.81	27.31 0.00 -0.49	28.50 0.06 -0.77	33.32 0.09 -1.67	43.50 0.12 -3.29	44.08 0.20 -3.88	41.24 0.15 -3.42	34.14 0.06 -1.86	35.68 0.07 -2.53	36.64 0.07 -2.67	37.98 0.18 -2.49	40.38 0.19 -2.69	42.21 0.20 -2.99	48.16 0.40 -3.87	56.69 0.68 -7.70	73.52 0.86 -6.38	81.32 1.16 -11.67	77.15 0.92 -10.35	59.79 0.52 -7.51	51.24 0.23 -5.24	44.64 0.16 -3.40	41.46 0.15 -3.85
FITZPATRICK___ 23598	24.03 -0.87 10.08	24.06 -0.69 6.41	24.00 -0.66 4.18	23.97 -0.62 2.24	23.97 -0.61 3.10	24.07 -0.69 6.80	24.29 -0.92 14.88	24.29 -0.84 14.87	24.27 -0.79 12.60	23.99 -0.71 7.52	22.65 -0.76 9.67	22.54 -0.75 10.62	22.58 -0.74 11.98	22.64 -0.79 14.07	22.55 -0.82 15.65	22.73 -0.84 20.33	7.05 -0.82 40.44	32.59 -1.19 32.50	7.65 -1.03 59.81	11.54 -1.25 53.10	11.20 -1.09 39.47	17.26 -1.01 27.52	22.31 -0.90 17.86	16.46 -0.79 20.21
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	36.73 1.43 -0.31	32.38 1.12 -0.10	29.84 1.01 0.00	27.71 0.89 0.00	28.53 0.86 0.00	32.60 0.95 -0.09	41.77 1.36 -0.31	42.49 2.20 -0.29	40.79 2.30 -0.83	35.76 2.09 -1.45	35.86 2.28 -0.50	37.25 2.34 -1.01	38.87 2.40 -1.16	41.20 2.66 -1.04	42.83 2.89 -0.92	48.48 2.90 -1.69	52.43 2.85 -1.27	70.29 3.71 -0.29	72.39 3.63 -0.28	68.13 2.24 0.00	53.47 1.71 0.00	48.23 1.56 -0.89	43.49 1.52 -0.89	39.38 1.31 -0.61
FORT ORANGE___ 23900	34.64 -0.10 0.25	30.86 -0.22 0.08	28.66 -0.17 0.00	26.77 -0.05 0.00	27.51 -0.17 0.00	31.33 -0.16 0.07	39.68 -0.16 0.25	40.21 0.40 0.19	37.32 0.19 0.53	31.45 0.16 0.93	32.89 0.13 0.32	33.34 0.10 0.67	34.60 0.04 0.75	36.87 0.04 0.67	38.70 0.24 0.56	43.15 0.26 1.01	47.72 0.15 0.74	66.44 0.33 0.17	68.53 0.21 0.16	65.29 -0.59 0.00	51.29 -0.47 0.00	44.89 -0.37 0.52	40.31 -0.24 0.52	36.77 -0.34 0.35
FORT_DRUM_COGEN 23780	40.78 1.12 -4.67	35.32 1.06 -3.10	30.65 0.95 -0.86	28.75 0.89 -1.04	31.11 0.97 -2.47	37.93 1.23 -5.14	49.50 2.00 -7.40	54.81 1.92 -12.88	51.30 1.36 -12.28	38.19 0.61 -5.37	41.96 0.60 -8.28	42.47 0.58 -7.99	39.52 0.56 -3.64	39.72 0.37 -1.85	41.27 0.20 -2.05	47.18 0.61 -2.67	54.84 1.21 -5.32	74.76 2.19 -6.29	82.71 3.29 -10.94	78.85 3.43 -9.54	59.64 2.69 -5.19	51.87 2.47 -3.62	45.31 1.89 -2.35	41.46 1.35 -2.66
FOX_HILLS___ESR 323835	37.44 2.06 -0.39	32.94 1.65 -0.14	30.28 1.44 -0.01	28.04 1.21 -0.01	28.93 1.25 -0.01	33.10 1.42 -0.12	40.65 1.56 1.01	39.97 2.68 2.72	38.80 3.01 1.88	36.38 2.64 -1.53	36.56 2.94 -0.54	32.98 3.29 4.21	36.05 3.46 2.72	40.51 3.52 0.51	39.84 3.59 2.77	42.10 3.29 5.09	41.52 2.80 9.60	59.38 3.65 10.55	68.91 3.36 2.93	57.61 1.71 9.99	41.50 1.24 11.50	43.55 1.51 3.74	42.02 1.64 0.70	39.71 1.61 -0.64
FPL_FAR_ROCK_GT1 24212	37.51 2.13 -0.39	32.90 1.62 -0.13	30.16 1.33 0.00	27.93 1.10 0.00	28.75 1.08 0.00	32.97 1.29 -0.11	41.92 1.36 -0.46	43.00 2.56 -0.43	41.25 2.60 -0.99	36.53 2.80 -1.52	36.89 3.24 -0.56	40.72 3.26 -3.55	40.14 3.39 -1.44	42.27 3.60 -1.17	45.24 3.71 -2.51	48.74 3.07 -1.78	52.87 2.80 -1.75	70.51 3.44 -0.78	72.19 3.29 -0.42	68.09 1.84 -0.36	53.58 1.34 -0.47	47.94 1.24 -0.92	43.73 1.64 -1.01	39.67 1.57 -0.64
FPL_FAR_ROCK_GT2 23815	37.51 2.13 -0.39	32.90 1.62 -0.13	30.16 1.33 0.00	27.93 1.10 0.00	28.75 1.08 0.00	32.97 1.29 -0.11	41.92 1.36 -0.46	43.00 2.56 -0.43	41.25 2.60 -0.99	36.53 2.80 -1.52	36.89 3.24 -0.56	40.72 3.26 -3.55	40.14 3.39 -1.44	42.27 3.60 -1.17	45.24 3.71 -2.51	48.74 3.07 -1.78	52.87 2.80 -1.75	70.51 3.44 -0.78	72.19 3.29 -0.42	68.09 1.84 -0.36	53.58 1.34 -0.47	47.94 1.24 -0.92	43.73 1.64 -1.01	39.67 1.57 -0.64
FRANKLIN_FALL_HYD 24054	40.86 1.33 -4.54	35.38 1.15 -3.07	30.19 0.92 -0.43	28.67 0.83 -1.01	31.33 0.86 -2.79	38.39 1.07 -5.76	48.93 1.44 -7.39	55.77 0.96 -14.80	52.98 0.94 -14.38	39.04 0.90 -5.93	43.57 0.99 -9.49	43.75 0.92 -8.92	38.82 0.71 -2.80	38.06 0.56 0.00	39.45 0.43 0.00	44.03 0.13 0.00	48.22 -0.10 0.00	69.34 0.33 -2.73	72.72 0.07 -4.17	70.21 0.86 -3.46	52.43 0.67 0.00	46.69 0.92 0.00	42.02 0.94 0.00	38.40 0.94 0.00

FREEPORT_EQUS_GT1 23764	37.23 1.85 -0.39	32.62 1.34 -0.13	29.93 1.10 0.00	27.68 0.86 0.00	28.50 0.83 0.00	32.72 1.04 -0.11	41.60 1.04 -0.46	42.51 2.20 -0.30	40.91 2.26 -0.99	36.18 2.45 -1.52	36.51 2.88 -0.55	39.75 2.85 -2.99	39.75 3.00 -1.44	41.89 3.23 -1.17	44.54 3.36 -2.16	48.21 2.54 -1.78	52.24 2.18 -1.75	69.64 2.58 -0.78	71.24 2.33 -0.42	67.03 0.99 -0.15	52.90 0.67 -0.47	47.43 0.73 -0.93	43.36 1.27 -1.01	39.33 1.23 -0.64
FREEPORT___CT2 23818	37.23 1.85 -0.39	32.62 1.34 -0.13	29.93 1.10 0.00	27.68 0.86 0.00	28.50 0.83 0.00	32.72 1.04 -0.11	41.60 1.04 -0.46	42.51 2.20 -0.30	40.91 2.26 -0.99	36.18 2.45 -1.52	36.51 2.88 -0.55	39.75 2.85 -2.99	39.75 3.00 -1.44	41.89 3.23 -1.17	44.54 3.36 -2.16	48.21 2.54 -1.78	52.24 2.18 -1.75	69.64 2.58 -0.78	71.24 2.33 -0.42	67.03 0.99 -0.15	52.90 0.67 -0.47	47.43 0.73 -0.93	43.36 1.27 -1.01	39.33 1.23 -0.64
FRESHKLS_33_KV_LOAD 356253	37.55 2.17 -0.39	33.01 1.71 -0.14	30.37 1.53 -0.01	28.12 1.29 -0.01	29.01 1.33 -0.01	33.20 1.51 -0.12	40.77 1.56 0.89	40.29 2.76 2.47	39.21 3.20 1.65	36.41 2.67 -1.53	36.56 2.94 -0.54	33.88 3.46 3.49	36.67 3.64 2.27	40.68 3.56 0.38	40.29 3.67 2.40	42.13 3.29 5.05	42.32 2.80 8.80	60.40 3.78 9.66	69.18 3.36 2.66	58.48 1.71 9.12	42.49 1.24 10.51	43.55 1.51 3.74	42.15 1.64 0.57	39.74 1.65 -0.64
FULTON COGEN____ 23766	36.23 -0.24 -1.49	32.00 -0.12 -0.96	29.19 -0.14 -0.50	27.00 -0.16 -0.33	28.14 -0.11 -0.57	32.69 -0.09 -1.22	42.20 -0.16 -2.26	42.84 -0.04 -2.87	40.17 -0.08 -2.59	33.38 -0.16 -1.33	34.77 -0.17 -1.86	35.66 -0.17 -1.92	36.82 -0.07 -1.58	39.01 -0.07 -1.59	40.71 -0.08 -1.76	46.24 0.04 -2.30	53.17 0.29 -4.57	70.57 0.40 -3.89	76.26 0.68 -7.09	72.56 0.40 -6.28	56.32 0.10 -4.46	48.80 -0.09 -3.11	42.97 -0.12 -2.02	39.67 -0.07 -2.28
FULTON___LFGE 323630	36.70 1.92 0.21	32.71 1.62 0.07	30.36 1.53 0.00	28.22 1.39 0.00	29.14 1.47 0.00	33.27 1.77 0.06	42.49 2.60 0.21	42.49 2.64 0.16	38.66 1.39 0.40	32.01 0.48 0.69	33.01 0.17 0.24	33.44 0.03 0.50	34.75 0.00 0.56	37.08 0.08 0.50	38.85 0.28 0.45	43.97 0.88 0.80	49.60 1.88 0.60	70.25 4.11 0.14	73.83 5.48 0.13	70.50 4.61 0.00	55.23 3.47 0.00	48.24 2.89 0.42	43.16 2.51 0.42	39.19 2.02 0.29
G.F.CEMENT___DRP 24184	35.70 1.05 0.33	31.92 0.87 0.11	29.67 0.84 0.00	27.60 0.78 0.00	28.42 0.75 0.00	32.41 0.95 0.10	41.24 1.48 0.34	41.59 1.84 0.26	38.26 1.24 0.65	31.92 0.84 1.13	33.35 0.66 0.39	33.67 0.58 0.81	34.93 0.53 0.91	37.32 0.64 0.81	39.14 0.86 0.74	43.91 1.32 1.30	49.12 1.79 0.98	69.04 2.98 0.23	71.83 3.56 0.21	68.52 2.64 0.00	53.73 1.97 0.00	46.65 1.56 0.69	41.70 1.31 0.69	37.96 0.97 0.47
GARDENVILLE___LBMP 24039	35.96 0.21 -0.77	32.73 1.09 -0.49	29.90 0.75 -0.32	27.59 0.59 -0.17	28.80 0.89 -0.24	33.18 1.10 -0.52	41.43 0.20 -1.13	40.90 -0.32 -1.21	38.87 0.19 -1.02	33.15 0.32 -0.61	34.13 0.26 -0.78	35.28 0.51 -0.86	37.37 1.09 -0.97	39.58 0.94 -1.14	40.72 0.43 -1.27	46.58 1.01 -1.67	53.58 1.93 -3.33	71.21 2.25 -2.68	76.56 3.15 -4.93	72.04 1.78 -4.37	55.73 0.72 -3.25	48.73 0.69 -2.27	43.57 1.03 -1.47	41.03 1.91 -1.66
GARDNVLA_35_KV_LD 355827	36.12 0.38 -0.75	32.88 1.25 -0.47	30.04 0.89 -0.31	27.72 0.72 -0.17	28.93 1.02 -0.23	33.33 1.26 -0.50	41.64 0.44 -1.10	41.15 -0.04 -1.18	39.15 0.49 -1.00	33.39 0.58 -0.60	34.41 0.56 -0.77	35.56 0.81 -0.84	37.67 1.41 -0.95	39.89 1.27 -1.12	41.04 0.78 -1.24	46.94 1.40 -1.64	53.93 2.37 -3.25	71.74 2.85 -2.61	76.99 3.70 -4.81	72.46 2.31 -4.27	56.02 1.09 -3.18	49.00 1.01 -2.21	43.83 1.31 -1.44	41.18 2.10 -1.63
GELCKHM___115KV_LOAD 80723	36.57 -0.21 -1.79	32.25 -0.06 -1.16	29.38 -0.09 -0.63	27.12 -0.11 -0.40	28.25 -0.08 -0.66	32.91 -0.06 -1.42	42.68 -0.12 -2.70	43.27 -0.04 -3.30	40.57 -0.04 -2.95	33.67 -0.10 -1.55	35.13 -0.10 -2.15	36.05 -0.10 -2.24	37.24 -0.04 -1.97	39.56 0.00 -2.06	41.31 0.00 -2.29	47.00 0.13 -2.97	54.57 0.34 -5.91	71.71 0.46 -4.96	78.23 0.68 -9.06	74.31 0.40 -8.03	57.64 0.10 -5.77	49.71 -0.09 -4.02	43.61 -0.08 -2.61	40.38 -0.04 -2.96
GENERAL___MILLS 23808	36.02 0.28 -0.75	32.82 1.18 -0.48	29.98 0.84 -0.31	27.64 0.64 -0.17	28.85 0.94 -0.23	33.24 1.17 -0.51	41.52 0.32 -1.11	40.99 -0.20 -1.18	39.00 0.34 -1.00	33.27 0.45 -0.60	34.28 0.43 -0.77	35.43 0.68 -0.85	37.53 1.27 -0.95	39.74 1.12 -1.12	40.89 0.62 -1.25	46.77 1.23 -1.64	53.70 2.13 -3.27	71.42 2.52 -2.62	76.67 3.36 -4.83	72.15 1.98 -4.29	55.83 0.88 -3.19	48.82 0.82 -2.22	43.71 1.19 -1.44	41.08 1.99 -1.63
GE_PLASTICS___DRP 24183	34.45 -0.35 0.18	30.69 -0.41 0.06	28.52 -0.32 0.00	26.58 -0.24 0.00	27.34 -0.33 0.00	31.10 -0.41 0.05	39.43 -0.48 0.19	39.90 0.04 0.14	37.34 0.04 0.36	31.65 0.06 0.63	32.90 0.03 0.22	33.45 0.03 0.49	34.73 -0.07 0.51	37.01 -0.04 0.45	38.65 0.04 0.41	42.83 0.04 1.11	47.52 -0.24 0.56	65.75 -0.40 0.13	67.81 -0.55 0.12	64.70 -1.19 0.00	50.88 -0.88 0.00	44.61 -0.78 0.39	40.11 -0.58 0.39	36.59 -0.60 0.27
GILBOA___1 23756	35.49 0.42 -0.08	31.50 0.31 -0.03	29.27 0.43 0.00	27.20 0.38 0.00	28.03 0.36 0.00	31.84 0.25 -0.02	40.54 0.36 -0.09	40.91 0.84 -0.07	38.79 0.90 -0.22	33.48 0.87 -0.39	34.14 0.92 -0.13	35.14 0.95 -0.28	36.61 0.99 -0.31	38.83 1.05 -0.28	40.44 1.17 -0.25	45.45 1.10 -0.45	49.67 1.02 -0.34	67.61 1.26 -0.08	69.38 0.82 -0.07	65.95 0.07 0.00	51.86 0.10 0.00	46.30 0.28 -0.24	41.73 0.41 -0.24	37.96 0.34 -0.16
GILBOA___2 23757	35.49 0.42 -0.08	31.50 0.31 -0.03	29.27 0.43 0.00	27.20 0.38 0.00	28.03 0.36 0.00	31.84 0.25 -0.02	40.54 0.36 -0.09	40.91 0.84 -0.07	38.79 0.90 -0.22	33.48 0.87 -0.39	34.14 0.92 -0.13	35.14 0.95 -0.28	36.61 0.99 -0.31	38.83 1.05 -0.28	40.44 1.17 -0.25	45.45 1.10 -0.45	49.67 1.02 -0.34	67.61 1.26 -0.08	69.38 0.82 -0.07	65.95 0.07 0.00	51.86 0.10 0.00	46.30 0.28 -0.24	41.73 0.41 -0.24	37.96 0.34 -0.16
GILBOA___3 23758	35.49 0.42 -0.08	31.50 0.31 -0.03	29.27 0.43 0.00	27.20 0.38 0.00	28.03 0.36 0.00	31.84 0.25 -0.02	40.54 0.36 -0.09	40.91 0.84 -0.07	38.79 0.90 -0.22	33.48 0.87 -0.39	34.14 0.92 -0.13	35.14 0.95 -0.28	36.61 0.99 -0.31	38.83 1.05 -0.28	40.44 1.17 -0.25	45.45 1.10 -0.45	49.67 1.02 -0.34	67.61 1.26 -0.08	69.38 0.82 -0.07	65.95 0.07 0.00	51.86 0.10 0.00	46.30 0.28 -0.24	41.73 0.41 -0.24	37.96 0.34 -0.16
GILBOA___4 23759	35.49 0.42 -0.08	31.50 0.31 -0.03	29.27 0.43 0.00	27.20 0.38 0.00	28.03 0.36 0.00	31.84 0.25 -0.02	40.54 0.36 -0.09	40.91 0.84 -0.07	38.79 0.90 -0.22	33.48 0.87 -0.39	34.14 0.92 -0.13	35.14 0.95 -0.28	36.61 0.99 -0.31	38.83 1.05 -0.28	40.44 1.17 -0.25	45.45 1.10 -0.45	49.67 1.02 -0.34	67.61 1.26 -0.08	69.38 0.82 -0.07	65.95 0.07 0.00	51.86 0.10 0.00	46.30 0.28 -0.24	41.73 0.41 -0.24	37.96 0.34 -0.16

GILBOA____ 23599	35.49 0.42 -0.08	31.50 0.31 -0.03	29.27 0.43 0.00	27.20 0.38 0.00	28.03 0.36 0.00	31.84 0.25 -0.02	40.54 0.36 -0.09	40.91 0.84 -0.07	38.79 0.90 -0.22	33.48 0.87 -0.39	34.14 0.93 -0.13	35.14 0.95 -0.28	36.61 0.99 -0.31	38.86 1.09 -0.28	40.44 1.17 -0.25	45.53 1.19 -0.45	49.72 1.06 -0.34	67.68 1.33 -0.08	69.45 0.89 -0.07	66.02 0.13 0.00	51.97 0.21 0.00	46.34 0.32 -0.24	41.73 0.41 -0.24	37.96 0.34 -0.16
GINNA____ 23603	34.16 -1.57 -0.75	30.60 -1.03 -0.48	28.08 -1.07 -0.31	25.97 -1.02 -0.17	26.93 -0.97 -0.23	31.05 -1.01 -0.50	39.67 -1.52 -1.10	39.65 -1.56 -1.20	37.33 -1.35 -1.02	31.70 -1.13 -0.61	32.61 -1.26 -0.78	33.78 -0.98 -0.86	35.50 -0.78 -0.97	37.74 -0.90 -1.14	38.96 -1.33 -1.27	44.46 -1.10 -1.67	50.95 -0.68 -3.31	68.01 -0.93 -2.66	72.97 -0.41 -4.90	69.31 -0.92 -4.35	53.80 -1.19 -3.23	46.75 -1.28 -2.25	41.55 -0.99 -1.46	38.67 -0.45 -1.65
GLEN PARK____ 23778	40.84 1.30 -4.56	35.36 1.18 -3.02	30.77 1.07 -0.87	28.83 0.99 -1.01	31.13 1.08 -2.38	37.90 1.39 -4.96	49.50 2.20 -7.20	54.56 2.16 -12.39	50.96 1.51 -11.79	38.10 0.71 -5.18	41.71 0.66 -7.97	42.29 0.68 -7.70	39.59 0.67 -3.61	39.92 0.49 -1.94	41.48 0.31 -2.15	47.49 0.79 -2.80	55.38 1.50 -5.57	75.32 2.65 -6.39	83.47 3.83 -11.15	79.57 3.95 -9.74	60.35 3.16 -5.44	52.41 2.84 -3.79	45.71 2.18 -2.46	41.78 1.54 -2.78
GLENDALE_27_KV_LOAD 356172	37.41 2.03 -0.39	32.88 1.59 -0.14	30.25 1.41 -0.01	28.04 1.21 -0.01	28.90 1.22 -0.01	33.07 1.39 -0.12	43.13 1.80 -1.23	44.94 2.84 -2.09	43.21 3.05 -2.50	36.67 2.93 -1.53	36.82 3.21 -0.54	44.12 3.26 -6.96	42.82 3.42 -4.09	43.25 3.71 -2.04	47.10 3.75 -4.34	49.55 3.64 -2.02	58.59 3.19 -7.09	76.94 3.91 -6.75	74.44 3.77 -2.19	73.55 2.11 -5.56	59.66 1.50 -6.40	48.45 1.74 -0.93	44.87 1.89 -1.90	39.78 1.69 -0.64
GLENWOOD_IC_1_G5 23712	37.13 1.75 -0.39	32.59 1.31 -0.13	29.93 1.10 0.00	27.74 0.91 0.00	28.56 0.89 0.00	32.72 1.04 -0.11	41.80 1.24 -0.46	42.80 2.36 -0.43	41.10 2.45 -0.99	36.25 2.51 -1.52	36.56 2.91 -0.57	40.63 2.95 -3.78	39.79 3.04 -1.44	41.97 3.30 -1.17	45.14 3.47 -2.65	48.74 3.07 -1.78	52.43 2.37 -1.75	69.78 2.72 -0.78	71.51 2.60 -0.43	67.33 1.19 -0.25	53.06 0.83 -0.47	47.90 1.19 -0.93	43.52 1.44 -1.01	39.29 1.20 -0.64
GLENWOOD_IC_2_G1 23688	36.95 1.58 -0.39	32.47 1.18 -0.13	29.84 1.01 0.00	27.68 0.86 0.00	28.50 0.83 0.00	32.62 0.95 -0.11	41.70 1.20 -0.40	42.51 2.20 -0.30	40.98 2.34 -0.98	36.12 2.38 -1.52	36.30 2.71 -0.50	37.04 2.71 -0.42	39.59 2.86 -1.43	41.73 3.08 -1.15	42.82 3.24 -0.57	48.44 2.77 -1.77	52.48 2.41 -1.75	70.04 2.99 -0.78	71.65 1.39 -0.43	67.68 1.39 -0.41	53.16 0.93 -0.47	47.72 1.01 -0.93	43.43 1.35 -1.01	39.33 1.23 -0.64
GLENWOOD_IC_3_G1 23689	36.95 1.58 -0.39	32.47 1.18 -0.13	29.84 1.01 0.00	27.68 0.86 0.00	28.50 0.83 0.00	32.62 0.95 -0.11	41.70 1.20 -0.40	42.51 2.20 -0.30	40.98 2.34 -0.98	36.12 2.38 -1.52	36.30 2.71 -0.50	37.04 2.71 -0.42	39.59 2.86 -1.43	41.73 3.08 -1.15	42.82 3.24 -0.57	48.44 2.77 -1.77	52.48 2.41 -1.75	70.04 2.99 -0.78	71.65 1.39 -0.43	67.68 1.39 -0.41	53.16 0.93 -0.47	47.72 1.01 -0.93	43.43 1.35 -1.01	39.33 1.23 -0.64
GLENWOOD____4 23550	37.13 1.75 -0.39	32.59 1.31 -0.13	29.93 1.10 0.00	27.74 0.91 0.00	28.56 0.89 0.00	32.72 1.04 -0.11	41.80 1.24 -0.46	42.80 2.36 -0.43	41.10 2.45 -0.99	36.25 2.51 -1.52	36.56 2.91 -0.57	40.63 2.95 -3.78	39.79 3.04 -1.44	41.97 3.30 -1.17	45.14 3.47 -2.65	48.74 3.07 -1.78	52.57 2.51 -1.75	69.98 2.92 -0.78	71.65 2.74 -0.43	67.52 1.38 -0.25	53.21 0.98 -0.47	47.90 1.19 -0.93	43.52 1.44 -1.01	39.29 1.20 -0.64
GLENWOOD____5 23614	37.13 1.75 -0.39	32.59 1.31 -0.13	29.93 1.10 0.00	27.74 0.91 0.00	28.56 0.89 0.00	32.72 1.04 -0.11	41.80 1.24 -0.46	42.80 2.36 -0.43	41.10 2.45 -0.99	36.25 2.51 -1.52	36.56 2.91 -0.57	40.63 2.95 -3.78	39.79 3.04 -1.44	41.97 3.30 -1.17	45.14 3.47 -2.65	48.74 3.07 -1.78	52.57 2.51 -1.75	69.98 2.92 -0.78	71.65 2.74 -0.43	67.52 1.38 -0.25	53.21 0.98 -0.47	47.90 1.19 -0.93	43.52 1.44 -1.01	39.29 1.20 -0.64
GLOBAL GREEN_PORT_GT1 23814	37.65 2.27 -0.39	32.75 1.46 -0.13	29.90 1.07 0.00	27.52 0.70 0.00	28.31 0.64 0.00	32.56 0.88 -0.11	41.60 1.04 -0.46	42.99 2.68 -0.30	41.28 2.64 -0.98	36.69 2.96 -1.52	37.39 3.77 -0.54	39.83 3.63 -2.30	40.56 3.81 -1.44	42.90 4.24 -1.16	45.51 4.76 -1.73	49.22 3.55 -1.78	53.29 3.24 -1.74	70.50 3.44 -0.77	72.19 3.29 -0.42	67.74 1.91 0.06	53.78 1.55 -0.47	48.07 1.37 -0.92	44.18 2.09 -1.01	40.12 2.02 -0.64
GLOBE____DSASP 323697	35.61 -0.10 -0.73	32.55 0.93 -0.46	29.74 0.61 -0.30	27.44 0.46 -0.16	28.65 0.75 -0.22	32.87 0.82 -0.49	40.09 -1.08 -1.07	39.41 -1.76 -1.16	37.63 -1.02 -0.98	32.16 -0.64 -0.59	33.14 -0.69 -0.75	34.22 -0.51 -0.83	36.28 0.04 -0.93	38.37 -0.22 -1.10	39.42 -0.82 -1.22	45.02 -0.48 -1.61	51.60 0.10 -3.19	68.51 -0.33 -2.57	73.55 0.34 -4.72	69.22 -0.86 -4.19	53.63 -1.24 -3.12	47.08 -0.87 -2.17	42.28 -0.21 -1.41	40.67 1.61 -1.60
GOETHSLN____LBMP 323567	36.88 1.50 -0.39	32.41 1.12 -0.13	29.78 0.95 0.00	27.60 0.78 0.00	28.45 0.77 0.00	32.56 0.88 -0.11	40.85 1.16 0.41	40.86 2.20 1.35	39.48 2.45 0.63	36.22 2.48 -1.52	36.39 2.78 -0.53	36.18 2.81 0.54	37.70 2.86 0.46	40.82 3.11 -0.21	41.55 3.28 0.74	42.02 3.03 4.90	46.21 2.71 4.81	63.48 3.18 5.98	69.86 2.94 1.57	61.39 1.45 5.95	45.89 0.98 6.85	43.18 1.14 3.74	42.38 1.31 0.01	39.21 1.12 -0.63
GOLAH____69_KV_TB 1_2 80279	35.87 0.17 -0.71	32.32 0.72 -0.45	29.65 0.52 -0.29	27.39 0.40 -0.16	28.50 0.61 -0.22	32.83 0.79 -0.48	41.55 0.40 -1.05	41.32 0.20 -1.11	39.02 0.41 -0.94	33.20 0.42 -0.56	34.13 0.33 -0.72	35.17 0.47 -0.79	37.19 0.99 -0.90	39.41 0.86 -1.05	40.66 0.47 -1.17	46.35 0.92 -1.54	52.97 1.59 -3.06	71.06 2.32 -2.46	75.95 2.94 -4.53	72.21 2.31 -4.02	55.94 1.19 -2.99	48.78 0.92 -2.08	43.50 1.07 -1.35	40.64 1.65 -1.53
GOODYEAR_LAKE_HYD 323669	36.57 1.19 -0.40	32.44 1.03 -0.25	30.01 1.01 -0.17	27.80 0.89 -0.09	28.77 0.97 -0.12	32.90 1.07 -0.27	42.21 1.52 -0.59	42.38 1.80 -0.57	39.69 1.54 -0.49	33.67 1.16 -0.29	34.68 1.22 -0.37	35.57 1.25 -0.41	37.11 1.34 -0.46	39.50 1.46 -0.54	41.07 1.44 -0.60	46.48 1.76 -0.83	52.14 2.17 -1.65	70.79 3.18 -1.33	74.49 3.56 -2.45	70.83 2.77 -2.17	55.50 2.12 -1.61	48.78 1.88 -1.13	43.45 1.64 -0.73	39.63 1.35 -0.83
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	36.31 0.38 -0.94	32.31 0.56 -0.60	29.68 0.46 -0.39	27.41 0.38 -0.21	28.46 0.50 -0.29	32.76 0.57 -0.63	42.01 0.52 -1.39	42.04 0.64 -1.40	39.67 0.68 -1.33	33.77 0.58 -0.97	34.67 0.60 -1.00	35.77 0.68 -1.19	37.49 0.85 -1.34	39.87 0.86 -1.51	41.48 0.82 -1.64	47.27 1.14 -2.23	53.95 1.55 -4.09	71.50 2.05 -3.17	76.73 2.47 -5.78	72.69 1.71 -5.09	56.58 1.04 -3.78	49.34 0.78 -2.79	43.68 0.74 -1.86	40.36 0.86 -2.04

GOUDEY___7 23579	36.31 0.38 -0.94	32.31 0.56 -0.60	29.68 0.46 -0.39	27.41 0.38 -0.21	28.46 0.50 -0.29	32.76 0.57 -0.63	42.01 0.52 -1.39	42.04 0.64 -1.40	39.67 0.68 -1.33	33.77 0.58 -0.97	34.67 0.60 -1.00	35.77 0.68 -1.19	37.49 0.85 -1.34	39.87 0.86 -1.51	41.48 0.82 -1.64	47.27 1.14 -2.23	53.95 1.55 -4.09	71.50 2.05 -3.17	76.73 2.47 -5.78	72.69 1.71 -5.09	56.58 1.04 -3.78	49.34 0.78 -2.79	43.68 0.74 -1.86	40.36 0.86 -2.04
GOUDEY___8 23580	36.31 0.38 -0.94	32.31 0.56 -0.60	29.68 0.46 -0.39	27.41 0.38 -0.21	28.46 0.50 -0.29	32.76 0.57 -0.63	42.01 0.52 -1.39	42.04 0.64 -1.40	39.67 0.68 -1.33	33.77 0.58 -0.97	34.67 0.60 -1.00	35.77 0.68 -1.19	37.49 0.85 -1.34	39.87 0.86 -1.51	41.48 0.82 -1.64	47.27 1.14 -2.23	53.95 1.55 -4.09	71.50 2.05 -3.17	76.73 2.47 -5.78	72.69 1.71 -5.09	56.58 1.04 -3.78	49.34 0.78 -2.79	43.68 0.74 -1.86	40.36 0.86 -2.04
GOWANUS_GT1_1 24077	37.51 2.13 -0.39	33.01 1.71 -0.14	30.31 1.47 -0.01	28.07 1.23 -0.01	28.93 1.25 -0.01	33.10 1.42 -0.12	46.01 1.76 -4.15	51.22 2.80 -8.41	48.93 3.05 -8.21	36.51 2.77 -1.53	36.69 3.08 -0.54	61.13 3.29 -23.93	53.34 3.46 -14.58	46.54 3.67 -5.37	56.26 3.75 -13.49	50.33 3.56 -2.88	78.88 3.09 -27.47	99.69 3.91 -29.50	81.09 3.70 -8.91	91.55 2.11 -23.56	80.39 1.50 -27.13	48.50 1.79 -0.93	48.27 1.89 -5.31	39.78 1.69 -0.64
GOWANUS_GT1_2 24078	37.51 2.13 -0.39	33.01 1.71 -0.14	30.31 1.47 -0.01	28.07 1.23 -0.01	28.93 1.25 -0.01	33.10 1.42 -0.12	46.01 1.76 -4.15	51.22 2.80 -8.41	48.93 3.05 -8.21	36.51 2.77 -1.53	36.69 3.08 -0.54	61.13 3.29 -23.93	53.34 3.46 -14.58	46.54 3.67 -5.37	56.26 3.75 -13.49	50.33 3.56 -2.88	78.88 3.09 -27.47	99.69 3.91 -29.50	81.09 3.70 -8.91	91.55 2.11 -23.56	80.39 1.50 -27.13	48.50 1.79 -0.93	48.27 1.89 -5.31	39.78 1.69 -0.64
GOWANUS_GT1_3 24079	37.51 2.13 -0.39	33.01 1.71 -0.14	30.31 1.47 -0.01	28.07 1.23 -0.01	28.93 1.25 -0.01	33.10 1.42 -0.12	46.01 1.76 -4.15	51.22 2.80 -8.41	48.93 3.05 -8.21	36.51 2.77 -1.53	36.69 3.08 -0.54	61.13 3.29 -23.93	53.34 3.46 -14.58	46.54 3.67 -5.37	56.26 3.75 -13.49	50.33 3.56 -2.88	78.88 3.09 -27.47	99.69 3.91 -29.50	81.09 3.70 -8.91	91.55 2.11 -23.56	80.39 1.50 -27.13	48.50 1.79 -0.93	48.27 1.89 -5.31	39.78 1.69 -0.64
GOWANUS_GT1_4 24080	37.51 2.13 -0.39	33.01 1.71 -0.14	30.31 1.47 -0.01	28.07 1.23 -0.01	28.93 1.25 -0.01	33.10 1.42 -0.12	46.01 1.76 -4.15	51.22 2.80 -8.41	48.93 3.05 -8.21	36.51 2.77 -1.53	36.69 3.08 -0.54	61.13 3.29 -23.93	53.34 3.46 -14.58	46.54 3.67 -5.37	56.26 3.75 -13.49	50.33 3.56 -2.88	78.88 3.09 -27.47	99.69 3.91 -29.50	81.09 3.70 -8.91	91.55 2.11 -23.56	80.39 1.50 -27.13	48.50 1.79 -0.93	48.27 1.89 -5.31	39.78 1.69 -0.64
GOWANUS_GT1_5 24084	37.51 2.13 -0.39	33.01 1.71 -0.14	30.31 1.47 -0.01	28.07 1.23 -0.01	28.93 1.25 -0.01	33.10 1.42 -0.12	46.01 1.76 -4.15	51.22 2.80 -8.41	48.93 3.05 -8.21	36.51 2.77 -1.53	36.69 3.08 -0.54	61.13 3.29 -23.93	53.34 3.46 -14.58	46.54 3.67 -5.37	56.26 3.75 -13.49	50.33 3.56 -2.88	78.88 3.09 -27.47	99.69 3.91 -29.50	81.09 3.70 -8.91	91.55 2.11 -23.56	80.39 1.50 -27.13	48.50 1.79 -0.93	48.27 1.89 -5.31	39.78 1.69 -0.64
GOWANUS_GT1_6 24111	37.51 2.13 -0.39	33.01 1.71 -0.14	30.31 1.47 -0.01	28.07 1.23 -0.01	28.93 1.25 -0.01	33.10 1.42 -0.12	46.01 1.76 -4.15	51.22 2.80 -8.41	48.93 3.05 -8.21	36.51 2.77 -1.53	36.69 3.08 -0.54	61.13 3.29 -23.93	53.34 3.46 -14.58	46.54 3.67 -5.37	56.26 3.75 -13.49	50.33 3.56 -2.88	78.88 3.09 -27.47	99.69 3.91 -29.50	81.09 3.70 -8.91	91.55 2.11 -23.56	80.39 1.50 -27.13	48.50 1.79 -0.93	48.27 1.89 -5.31	39.78 1.69 -0.64
GOWANUS_GT1_7 24112	37.51 2.13 -0.39	33.01 1.71 -0.14	30.31 1.47 -0.01	28.07 1.23 -0.01	28.93 1.25 -0.01	33.10 1.42 -0.12	46.01 1.76 -4.15	51.22 2.80 -8.41	48.93 3.05 -8.21	36.51 2.77 -1.53	36.69 3.08 -0.54	61.13 3.29 -23.93	53.34 3.46 -14.58	46.54 3.67 -5.37	56.26 3.75 -13.49	50.33 3.56 -2.88	78.88 3.09 -27.47	99.69 3.91 -29.50	81.09 3.70 -8.91	91.55 2.11 -23.56	80.39 1.50 -27.13	48.50 1.79 -0.93	48.27 1.89 -5.31	39.78 1.69 -0.64
GOWANUS_GT1_8 24113	37.51 2.13 -0.39	33.01 1.71 -0.14	30.31 1.47 -0.01	28.07 1.23 -0.01	28.93 1.25 -0.01	33.10 1.42 -0.12	46.01 1.76 -4.15	51.22 2.80 -8.41	48.93 3.05 -8.21	36.51 2.77 -1.53	36.69 3.08 -0.54	61.13 3.29 -23.93	53.34 3.46 -14.58	46.54 3.67 -5.37	56.26 3.75 -13.49	50.33 3.56 -2.88	78.88 3.09 -27.47	99.69 3.91 -29.50	81.09 3.70 -8.91	91.55 2.11 -23.56	80.39 1.50 -27.13	48.50 1.79 -0.93	48.27 1.89 -5.31	39.78 1.69 -0.64
GOWANUS_GT2_1 24114	37.52 2.13 -0.40	33.01 1.71 -0.14	30.31 1.47 -0.01	28.07 1.23 -0.01	28.93 1.25 -0.01	33.11 1.42 -0.12	41.77 1.92 0.25	41.71 2.80 1.10	40.31 3.05 0.40	36.51 2.77 -1.53	36.69 3.08 -0.54	36.73 2.95 0.13	38.56 3.46 0.20	41.48 3.64 -0.35	42.33 3.71 0.40	48.89 3.43 -1.56	48.06 2.90 3.15	65.37 3.78 4.69	70.78 3.49 1.20	62.75 1.97 5.11	47.21 1.34 5.89	48.36 1.65 -0.93	43.14 1.89 -0.18	39.78 1.69 -0.64
GOWANUS_GT2_2 24115	37.52 2.13 -0.40	33.01 1.71 -0.14	30.31 1.47 -0.01	28.07 1.23 -0.01	28.93 1.25 -0.01	33.11 1.42 -0.12	41.77 1.92 0.25	41.71 2.80 1.10	40.31 3.05 0.40	36.51 2.77 -1.53	36.69 3.08 -0.54	36.73 2.95 0.13	38.56 3.46 0.20	41.48 3.64 -0.35	42.33 3.71 0.40	48.89 3.43 -1.56	48.06 2.90 3.15	65.37 3.78 4.69	70.78 3.49 1.20	62.75 1.97 5.11	47.21 1.34 5.89	48.36 1.65 -0.93	43.14 1.89 -0.18	39.78 1.69 -0.64
GOWANUS_GT2_3 24116	37.52 2.13 -0.40	33.01 1.71 -0.14	30.31 1.47 -0.01	28.07 1.23 -0.01	28.93 1.25 -0.01	33.11 1.42 -0.12	41.77 1.92 0.25	41.71 2.80 1.10	40.31 3.05 0.40	36.51 2.77 -1.53	36.69 3.08 -0.54	36.73 2.95 0.13	38.56 3.46 0.20	41.48 3.64 -0.35	42.33 3.71 0.40	48.89 3.43 -1.56	48.06 2.90 3.15	65.37 3.78 4.69	70.78 3.49 1.20	62.75 1.97 5.11	47.21 1.34 5.89	48.36 1.65 -0.93	43.14 1.89 -0.18	39.78 1.69 -0.64
GOWANUS_GT2_4 24117	37.52 2.13 -0.40	33.01 1.71 -0.14	30.31 1.47 -0.01	28.07 1.23 -0.01	28.93 1.25 -0.01	33.11 1.42 -0.12	41.77 1.92 0.25	41.71 2.80 1.10	40.31 3.05 0.40	36.51 2.77 -1.53	36.69 3.08 -0.54	36.73 2.95 0.13	38.56 3.46 0.20	41.48 3.64 -0.35	42.33 3.71 0.40	48.89 3.43 -1.56	48.06 2.90 3.15	65.37 3.78 4.69	70.78 3.49 1.20	62.75 1.97 5.11	47.21 1.34 5.89	48.36 1.65 -0.93	43.14 1.89 -0.18	39.78 1.69 -0.64
GOWANUS_GT2_5 24118	37.52 2.13 -0.40	33.01 1.71 -0.14	30.31 1.47 -0.01	28.07 1.23 -0.01	28.93 1.25 -0.01	33.11 1.42 -0.12	41.77 1.92 0.25	41.71 2.80 1.10	40.31 3.05 0.40	36.51 2.77 -1.53	36.69 3.08 -0.54	36.73 2.95 0.13	38.56 3.46 0.20	41.48 3.64 -0.35	42.33 3.71 0.40	48.89 3.43 -1.56	48.06 2.90 3.15	65.37 3.78 4.69	70.78 3.49 1.20	62.75 1.97 5.11	47.21 1.34 5.89	48.36 1.65 -0.93	43.14 1.89 -0.18	39.78 1.69 -0.64

GOWANUS_GT2_6 24119	37.52 2.13 -0.40	33.01 1.71 -0.14	30.31 1.47 -0.01	28.07 1.23 -0.01	28.93 1.25 -0.01	33.11 1.42 -0.12	41.77 1.92 0.25	41.71 2.80 1.10	40.31 3.05 0.40	36.51 2.77 -1.53	36.69 3.08 -0.54	36.73 2.95 0.13	38.56 3.46 0.20	41.48 3.64 -0.35	42.33 3.71 0.40	48.89 3.43 -1.56	48.06 2.90 3.15	65.37 3.78 4.69	70.78 3.49 1.20	62.75 1.97 5.11	47.21 1.34 5.89	48.36 1.65 -0.93	43.14 1.89 -0.18	39.78 1.69 -0.64
GOWANUS_GT2_7 24120	37.52 2.13 -0.40	33.01 1.71 -0.14	30.31 1.47 -0.01	28.07 1.23 -0.01	28.93 1.25 -0.01	33.11 1.42 -0.12	41.77 1.92 0.25	41.71 2.80 1.10	40.31 3.05 0.40	36.51 2.77 -1.53	36.69 3.08 -0.54	36.73 2.95 0.13	38.56 3.46 0.20	41.48 3.64 -0.35	42.33 3.71 0.40	48.89 3.43 -1.56	48.06 2.90 3.15	65.37 3.78 4.69	70.78 3.49 1.20	62.75 1.97 5.11	47.21 1.34 5.89	48.36 1.65 -0.93	43.14 1.89 -0.18	39.78 1.69 -0.64
GOWANUS_GT2_8 24121	37.52 2.13 -0.40	33.01 1.71 -0.14	30.31 1.47 -0.01	28.07 1.23 -0.01	28.93 1.25 -0.01	33.11 1.42 -0.12	41.77 1.92 0.25	41.71 2.80 1.10	40.31 3.05 0.40	36.51 2.77 -1.53	36.69 3.08 -0.54	36.73 2.95 0.13	38.56 3.46 0.20	41.48 3.64 -0.35	42.33 3.71 0.40	48.89 3.43 -1.56	48.06 2.90 3.15	65.37 3.78 4.69	70.78 3.49 1.20	62.75 1.97 5.11	47.21 1.34 5.89	48.36 1.65 -0.93	43.14 1.89 -0.18	39.78 1.69 -0.64
GOWANUS_GT3_1 24122	37.52 2.13 -0.40	33.01 1.71 -0.14	30.31 1.47 -0.01	28.07 1.23 -0.01	28.93 1.25 -0.01	33.11 1.42 -0.12	46.17 1.92 -4.15	51.22 2.80 -8.41	48.92 3.05 -8.21	36.51 2.77 -1.53	36.69 3.08 -0.54	60.78 2.95 -23.93	53.35 3.46 -14.58	46.51 3.64 -5.37	56.22 3.71 -13.49	50.20 3.43 -2.88	78.68 2.90 -27.47	99.56 3.78 -29.50	80.89 3.49 -8.91	91.42 1.97 -23.56	80.24 1.34 -27.13	48.36 1.65 -0.93	48.27 1.89 -5.31	39.78 1.69 -0.64
GOWANUS_GT3_2 24123	37.52 2.13 -0.40	33.01 1.71 -0.14	30.31 1.47 -0.01	28.07 1.23 -0.01	28.93 1.25 -0.01	33.11 1.42 -0.12	46.17 1.92 -4.15	51.22 2.80 -8.41	48.92 3.05 -8.21	36.51 2.77 -1.53	36.69 3.08 -0.54	60.78 2.95 -23.93	53.35 3.46 -14.58	46.51 3.64 -5.37	56.22 3.71 -13.49	50.20 3.43 -2.88	78.68 2.90 -27.47	99.56 3.78 -29.50	80.89 3.49 -8.91	91.42 1.97 -23.56	80.24 1.34 -27.13	48.36 1.65 -0.93	48.27 1.89 -5.31	39.78 1.69 -0.64
GOWANUS_GT3_3 24124	37.52 2.13 -0.40	33.01 1.71 -0.14	30.31 1.47 -0.01	28.07 1.23 -0.01	28.93 1.25 -0.01	33.11 1.42 -0.12	46.17 1.92 -4.15	51.22 2.80 -8.41	48.92 3.05 -8.21	36.51 2.77 -1.53	36.69 3.08 -0.54	60.78 2.95 -23.93	53.35 3.46 -14.58	46.51 3.64 -5.37	56.22 3.71 -13.49	50.20 3.43 -2.88	78.68 2.90 -27.47	99.56 3.78 -29.50	80.89 3.49 -8.91	91.42 1.97 -23.56	80.24 1.34 -27.13	48.36 1.65 -0.93	48.27 1.89 -5.31	39.78 1.69 -0.64
GOWANUS_GT3_4 24125	37.52 2.13 -0.40	33.01 1.71 -0.14	30.31 1.47 -0.01	28.07 1.23 -0.01	28.93 1.25 -0.01	33.11 1.42 -0.12	46.17 1.92 -4.15	51.22 2.80 -8.41	48.92 3.05 -8.21	36.51 2.77 -1.53	36.69 3.08 -0.54	60.78 2.95 -23.93	53.35 3.46 -14.58	46.51 3.64 -5.37	56.22 3.71 -13.49	50.20 3.43 -2.88	78.68 2.90 -27.47	99.56 3.78 -29.50	80.89 3.49 -8.91	91.42 1.97 -23.56	80.24 1.34 -27.13	48.36 1.65 -0.93	48.27 1.89 -5.31	39.78 1.69 -0.64
GOWANUS_GT3_5 24126	37.52 2.13 -0.40	33.01 1.71 -0.14	30.31 1.47 -0.01	28.07 1.23 -0.01	28.93 1.25 -0.01	33.11 1.42 -0.12	46.17 1.92 -4.15	51.22 2.80 -8.41	48.92 3.05 -8.21	36.51 2.77 -1.53	36.69 3.08 -0.54	60.78 2.95 -23.93	53.35 3.46 -14.58	46.51 3.64 -5.37	56.22 3.71 -13.49	50.20 3.43 -2.88	78.68 2.90 -27.47	99.56 3.78 -29.50	80.89 3.49 -8.91	91.42 1.97 -23.56	80.24 1.34 -27.13	48.36 1.65 -0.93	48.27 1.89 -5.31	39.78 1.69 -0.64
GOWANUS_GT3_6 24127	37.52 2.13 -0.40	33.01 1.71 -0.14	30.31 1.47 -0.01	28.07 1.23 -0.01	28.93 1.25 -0.01	33.11 1.42 -0.12	46.17 1.92 -4.15	51.22 2.80 -8.41	48.92 3.05 -8.21	36.51 2.77 -1.53	36.69 3.08 -0.54	60.78 2.95 -23.93	53.35 3.46 -14.58	46.51 3.64 -5.37	56.22 3.71 -13.49	50.20 3.43 -2.88	78.68 2.90 -27.47	99.56 3.78 -29.50	80.89 3.49 -8.91	91.42 1.97 -23.56	80.24 1.34 -27.13	48.36 1.65 -0.93	48.27 1.89 -5.31	39.78 1.69 -0.64
GOWANUS_GT3_7 24128	37.52 2.13 -0.40	33.01 1.71 -0.14	30.31 1.47 -0.01	28.07 1.23 -0.01	28.93 1.25 -0.01	33.11 1.42 -0.12	46.17 1.92 -4.15	51.22 2.80 -8.41	48.92 3.05 -8.21	36.51 2.77 -1.53	36.69 3.08 -0.54	60.78 2.95 -23.93	53.35 3.46 -14.58	46.51 3.64 -5.37	56.22 3.71 -13.49	50.20 3.43 -2.88	78.68 2.90 -27.47	99.56 3.78 -29.50	80.89 3.49 -8.91	91.42 1.97 -23.56	80.24 1.34 -27.13	48.36 1.65 -0.93	48.27 1.89 -5.31	39.78 1.69 -0.64
GOWANUS_GT3_8 24129	37.52 2.13 -0.40	33.01 1.71 -0.14	30.31 1.47 -0.01	28.07 1.23 -0.01	28.93 1.25 -0.01	33.11 1.42 -0.12	46.17 1.92 -4.15	51.22 2.80 -8.41	48.92 3.05 -8.21	36.51 2.77 -1.53	36.69 3.08 -0.54	60.78 2.95 -23.93	53.35 3.46 -14.58	46.51 3.64 -5.37	56.22 3.71 -13.49	50.20 3.43 -2.88	78.68 2.90 -27.47	99.56 3.78 -29.50	80.89 3.49 -8.91	91.42 1.97 -23.56	80.24 1.34 -27.13	48.36 1.65 -0.93	48.27 1.89 -5.31	39.78 1.69 -0.64
GOWANUS_GT4_1 24130	37.51 2.13 -0.39	33.01 1.71 -0.14	30.31 1.47 -0.01	28.07 1.23 -0.01	28.93 1.25 -0.01	33.10 1.42 -0.12	41.61 1.76 0.25	41.71 2.80 1.09	40.31 3.05 0.40	36.51 2.77 -1.53	36.69 3.08 -0.54	37.07 3.29 0.13	38.56 3.46 0.20	41.52 3.67 -0.35	42.37 3.75 0.40	49.01 3.56 -1.56	48.25 3.09 3.15	65.50 3.91 4.69	70.99 3.70 1.20	62.88 2.11 5.11	47.37 1.50 5.89	48.50 1.79 -0.93	43.14 1.89 -0.18	39.78 1.69 -0.64
GOWANUS_GT4_2 24131	37.51 2.13 -0.39	33.01 1.71 -0.14	30.31 1.47 -0.01	28.07 1.23 -0.01	28.93 1.25 -0.01	33.10 1.42 -0.12	41.61 1.76 0.25	41.71 2.80 1.09	40.31 3.05 0.40	36.51 2.77 -1.53	36.69 3.08 -0.54	37.07 3.29 0.13	38.56 3.46 0.20	41.52 3.67 -0.35	42.37 3.75 0.40	49.01 3.56 -1.56	48.25 3.09 3.15	65.50 3.91 4.69	70.99 3.70 1.20	62.88 2.11 5.11	47.37 1.50 5.89	48.50 1.79 -0.93	43.14 1.89 -0.18	39.78 1.69 -0.64
GOWANUS_GT4_3 24132	37.51 2.13 -0.39	33.01 1.71 -0.14	30.31 1.47 -0.01	28.07 1.23 -0.01	28.93 1.25 -0.01	33.10 1.42 -0.12	41.61 1.76 0.25	41.71 2.80 1.09	40.31 3.05 0.40	36.51 2.77 -1.53	36.69 3.08 -0.54	37.07 3.29 0.13	38.56 3.46 0.20	41.52 3.67 -0.35	42.37 3.75 0.40	49.01 3.56 -1.56	48.25 3.09 3.15	65.50 3.91 4.69	70.99 3.70 1.20	62.88 2.11 5.11	47.37 1.50 5.89	48.50 1.79 -0.93	43.14 1.89 -0.18	39.78 1.69 -0.64
GOWANUS_GT4_4 24133	37.51 2.13 -0.39	33.01 1.71 -0.14	30.31 1.47 -0.01	28.07 1.23 -0.01	28.93 1.25 -0.01	33.10 1.42 -0.12	41.61 1.76 0.25	41.71 2.80 1.09	40.31 3.05 0.40	36.51 2.77 -1.53	36.69 3.08 -0.54	37.07 3.29 0.13	38.56 3.46 0.20	41.52 3.67 -0.35	42.37 3.75 0.40	49.01 3.56 -1.56	48.25 3.09 3.15	65.50 3.91 4.69	70.99 3.70 1.20	62.88 2.11 5.11	47.37 1.50 5.89	48.50 1.79 -0.93	43.14 1.89 -0.18	39.78 1.69 -0.64

GOWANUS_GT4_5 24134	37.51 2.13 -0.39	33.01 1.71 -0.14	30.31 1.47 -0.01	28.07 1.23 -0.01	28.93 1.25 -0.01	33.10 1.42 -0.12	41.61 1.76 0.25	41.71 2.80 1.09	40.31 3.05 0.40	36.51 2.77 -1.53	36.69 3.08 -0.54	37.07 3.29 0.13	38.56 3.46 0.20	41.52 3.67 -0.35	42.37 3.75 0.40	49.01 3.56 -1.56	48.25 3.09 3.15	65.50 3.91 4.69	70.99 3.70 1.20	62.88 2.11 5.11	47.37 1.50 5.89	48.50 1.79 -0.93	43.14 1.89 -0.18	39.78 1.69 -0.64
GOWANUS_GT4_6 24135	37.51 2.13 -0.39	33.01 1.71 -0.14	30.31 1.47 -0.01	28.07 1.23 -0.01	28.93 1.25 -0.01	33.10 1.42 -0.12	41.61 1.76 0.25	41.71 2.80 1.09	40.31 3.05 0.40	36.51 2.77 -1.53	36.69 3.08 -0.54	37.07 3.29 0.13	38.56 3.46 0.20	41.52 3.67 -0.35	42.37 3.75 0.40	49.01 3.56 -1.56	48.25 3.09 3.15	65.50 3.91 4.69	70.99 3.70 1.20	62.88 2.11 5.11	47.37 1.50 5.89	48.50 1.79 -0.93	43.14 1.89 -0.18	39.78 1.69 -0.64
GOWANUS_GT4_7 24136	37.51 2.13 -0.39	33.01 1.71 -0.14	30.31 1.47 -0.01	28.07 1.23 -0.01	28.93 1.25 -0.01	33.10 1.42 -0.12	41.61 1.76 0.25	41.71 2.80 1.09	40.31 3.05 0.40	36.51 2.77 -1.53	36.69 3.08 -0.54	37.07 3.29 0.13	38.56 3.46 0.20	41.52 3.67 -0.35	42.37 3.75 0.40	49.01 3.56 -1.56	48.25 3.09 3.15	65.50 3.91 4.69	70.99 3.70 1.20	62.88 2.11 5.11	47.37 1.50 5.89	48.50 1.79 -0.93	43.14 1.89 -0.18	39.78 1.69 -0.64
GOWANUS_GT4_8 24137	37.51 2.13 -0.39	33.01 1.71 -0.14	30.31 1.47 -0.01	28.07 1.23 -0.01	28.93 1.25 -0.01	33.10 1.42 -0.12	41.61 1.76 0.25	41.71 2.80 1.09	40.31 3.05 0.40	36.51 2.77 -1.53	36.69 3.08 -0.54	37.07 3.29 0.13	38.56 3.46 0.20	41.52 3.67 -0.35	42.37 3.75 0.40	49.01 3.56 -1.56	48.25 3.09 3.15	65.50 3.91 4.69	70.99 3.70 1.20	62.88 2.11 5.11	47.37 1.50 5.89	48.50 1.79 -0.93	43.14 1.89 -0.18	39.78 1.69 -0.64
GREATVR_69_KV_BK1 356245	37.90 2.52 -0.39	33.06 1.78 -0.13	30.27 1.44 0.00	27.98 1.15 0.00	28.81 1.13 0.00	33.13 1.45 -0.11	42.36 1.80 -0.46	43.60 3.16 -0.43	41.66 3.01 -0.98	36.86 3.12 -1.52	37.33 3.70 -0.54	40.07 3.80 -2.36	40.49 3.74 -1.44	42.79 4.12 -1.16	45.28 4.49 -1.77	49.31 3.64 -1.78	53.25 3.19 -1.74	70.50 3.45 -0.78	72.26 3.36 -0.42	66.70 0.86 0.04	53.88 1.66 -0.47	48.26 1.56 -0.92	44.14 2.05 -1.01	39.59 1.50 -0.64
GREENBSH_115KV_TB3 55895	34.48 -0.24 0.26	30.73 -0.34 0.09	28.57 -0.26 0.00	26.69 -0.13 0.00	27.43 -0.25 0.00	31.17 -0.32 0.08	39.43 -0.40 0.27	40.00 0.20 0.21	37.28 0.15 0.53	31.45 0.16 0.93	32.89 0.13 0.32	33.37 0.14 0.67	34.60 0.04 0.75	36.87 0.16 0.67	38.57 0.16 0.60	43.06 0.22 1.06	47.52 0.00 0.79	66.03 -0.07 0.18	68.17 -0.14 0.17	64.96 -0.92 0.00	51.09 -0.67 0.00	44.63 -0.60 0.55	40.07 -0.45 0.56	36.56 -0.52 0.38
GREENDGE_115KV_TB5 80291	36.53 0.52 -1.02	32.68 0.87 -0.65	29.92 0.66 -0.42	27.62 0.56 -0.23	28.76 0.77 -0.31	33.26 1.01 -0.69	42.36 0.76 -1.51	42.33 0.76 -1.57	39.67 0.68 -1.33	33.65 0.64 -0.79	34.69 0.60 -1.02	35.70 0.68 -1.12	37.56 0.99 -1.26	39.69 0.71 -1.48	41.25 0.59 -1.65	47.16 1.10 -2.17	54.61 1.98 -4.32	72.53 2.78 -3.47	78.02 3.15 -6.39	74.32 2.77 -5.67	57.68 1.71 -4.21	49.86 1.14 -2.94	44.01 1.03 -1.91	40.89 1.27 -2.16
GREENIDGE___3 23582	36.53 0.52 -1.02	32.68 0.87 -0.65	29.92 0.66 -0.42	27.62 0.56 -0.23	28.76 0.77 -0.31	33.26 1.01 -0.69	42.36 0.76 -1.51	42.33 0.76 -1.57	39.67 0.68 -1.33	33.65 0.64 -0.79	34.69 0.60 -1.02	35.70 0.68 -1.12	37.56 0.99 -1.26	39.69 0.71 -1.48	41.25 0.59 -1.65	47.16 1.10 -2.17	54.61 1.98 -4.32	72.53 2.78 -3.47	78.02 3.15 -6.39	74.32 2.77 -5.67	57.68 1.71 -4.21	49.86 1.14 -2.94	44.01 1.03 -1.91	40.89 1.27 -2.16
GREENIDGE___4 23583	36.53 0.53 -1.02	32.68 0.87 -0.65	29.92 0.66 -0.42	27.62 0.56 -0.23	28.76 0.77 -0.31	33.26 1.01 -0.69	42.36 0.76 -1.51	42.33 0.76 -1.57	39.67 0.68 -1.33	33.65 0.64 -0.79	34.69 0.60 -1.02	35.80 0.78 -1.12	37.55 0.99 -1.26	39.99 1.01 -1.48	41.25 0.59 -1.65	47.20 1.14 -2.17	54.57 1.93 -4.32	72.00 2.25 -3.47	77.88 3.01 -6.39	74.12 2.57 -5.67	57.63 1.66 -4.21	49.81 1.10 -2.94	44.01 1.03 -1.91	40.89 1.27 -2.16
GREENLWN_69_KV_BK 3 55738	36.71 1.33 -0.39	32.10 0.81 -0.13	29.44 0.61 0.00	27.23 0.40 0.00	28.03 0.36 0.00	32.18 0.50 -0.11	41.04 0.48 -0.46	42.16 1.72 -0.43	40.42 1.77 -0.98	35.79 2.06 -1.52	36.07 2.45 -0.54	38.76 2.51 -2.34	39.29 2.54 -1.44	41.44 2.77 -1.16	43.59 2.81 -1.76	47.47 1.80 -1.78	51.22 1.16 -1.74	68.05 0.99 -0.78	69.66 0.75 -0.42	65.31 -0.53 0.05	51.81 -0.41 -0.47	46.43 -0.27 -0.92	42.78 0.70 -1.01	38.51 0.41 -0.64
GREENWD_138_KV_38B11_REV_LBMP_J 345004	37.51 2.13 -0.39	33.01 1.71 -0.14	30.31 1.47 -0.01	28.07 1.23 -0.01	28.93 1.25 -0.01	33.10 1.42 -0.12	41.61 1.76 0.25	41.71 2.80 1.09	40.31 3.05 0.40	36.51 2.77 -1.53	36.69 3.08 -0.54	37.07 3.29 0.13	38.56 3.46 0.20	41.52 3.67 -0.35	42.37 3.75 0.40	49.01 3.56 -1.56	48.25 3.09 3.15	65.50 3.91 4.69	70.99 3.70 1.20	62.88 2.11 5.11	47.37 1.50 5.89	48.50 1.79 -0.93	43.14 1.89 -0.18	39.78 1.69 -0.64
GRISSOM___SOLAR 323813	36.52 1.75 0.21	32.55 1.46 0.07	30.25 1.41 0.00	28.11 1.29 0.00	29.00 1.33 0.00	33.11 1.61 0.06	42.29 2.41 0.22	42.29 2.44 0.16	38.50 1.24 0.41	31.89 0.39 0.71	32.87 0.03 0.24	33.23 -0.17 0.51	34.53 -0.21 0.57	36.80 -0.19 0.51	38.60 0.04 0.46	43.74 0.66 0.82	49.34 1.64 0.62	69.85 3.71 0.14	73.34 5.00 0.13	70.04 4.15 0.00	54.87 3.11 0.00	47.95 2.61 0.43	42.90 2.26 0.43	39.00 1.84 0.30
GROVEVILLE___HYD 323602	36.73 1.43 -0.31	32.38 1.12 -0.10	29.84 1.01 0.00	27.71 0.89 0.00	28.53 0.86 0.00	32.60 0.95 -0.09	41.77 1.36 -0.31	42.49 2.20 -0.29	40.79 2.30 -0.83	35.76 2.09 -1.45	35.86 2.28 -0.50	37.25 2.34 -1.01	38.87 2.40 -1.16	41.20 2.66 -1.04	42.83 2.89 -0.92	48.48 2.90 -1.69	52.43 2.85 -1.27	70.29 3.71 -0.29	72.39 3.63 -0.28	68.13 2.24 0.00	53.47 1.71 0.00	48.23 1.56 -0.89	43.49 1.52 -0.89	39.38 1.31 -0.61
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	37.18 0.00 -2.19	32.66 0.09 -1.41	29.70 0.06 -0.81	27.31 0.00 -0.49	28.50 0.06 -0.77	33.32 0.09 -1.67	43.50 0.12 -3.29	44.08 0.20 -3.88	41.24 0.15 -3.42	34.14 0.06 -1.86	35.68 0.07 -2.53	36.64 0.07 -2.67	37.98 0.18 -2.49	40.38 0.19 -2.69	42.21 0.20 -2.99	48.16 0.40 -3.87	56.69 0.68 -7.70	73.52 0.86 -6.38	81.32 1.16 -11.67	77.15 0.92 -10.35	59.79 0.52 -7.51	51.24 0.23 -5.24	44.64 0.16 -3.40	41.46 0.15 -3.85
HAMLTNNY_34_KV_TB 80303	37.22 0.00 -2.24	32.71 0.12 -1.43	29.75 0.09 -0.84	27.38 0.05 -0.50	28.56 0.11 -0.77	33.39 0.16 -1.67	43.60 0.16 -3.34	44.19 0.28 -3.90	41.32 0.23 -3.44	34.19 0.10 -1.88	35.68 0.07 -2.53	36.70 0.10 -2.69	38.10 0.21 -2.58	40.55 0.22 -2.82	42.39 0.23 -3.14	48.44 0.44 -4.11	57.21 0.72 -8.18	73.95 0.93 -6.74	82.07 1.23 -12.35	77.76 0.92 -10.95	60.26 0.52 -7.98	51.57 0.23 -5.56	44.85 0.16 -3.61	41.77 0.22 -4.09

HAMPSHIRE___PAPER_HYD 323593	44.93 0.88 -9.07	38.04 0.78 -6.10	30.55 0.66 -1.05	29.46 0.62 -2.02	33.73 0.66 -5.39	43.56 0.85 -11.14	56.12 1.36 -14.66	69.51 1.00 -28.50	65.96 0.71 -27.58	44.11 0.39 -11.51	51.77 0.40 -18.29	51.56 0.37 -17.28	41.52 0.28 -5.93	38.40 0.08 -0.82	39.86 -0.08 -0.92	45.13 0.04 -1.19	50.88 0.19 -2.37	73.75 0.47 -7.00	80.59 0.82 -11.28	76.91 1.45 -9.58	55.42 1.34 -2.31	48.90 1.51 -1.61	43.27 1.15 -1.05	39.54 0.90 -1.18
HARDSCRABBLE_WT_PWR 323673	35.04 -0.24 -0.30	31.17 -0.19 -0.20	28.75 -0.11 -0.03	26.81 -0.08 -0.07	27.75 -0.11 -0.18	31.87 -0.06 -0.38	40.70 0.12 -0.48	41.21 0.24 -0.96	38.71 0.11 -0.94	32.54 -0.06 -0.39	33.63 -0.07 -0.62	34.45 -0.03 -0.58	35.45 -0.04 -0.18	37.46 -0.04 0.00	38.94 -0.08 0.00	43.85 -0.04 0.00	48.22 -0.10 0.00	66.26 -0.20 -0.18	68.69 -0.07 -0.27	65.85 -0.26 -0.23	51.50 -0.26 0.00	45.78 0.00 0.00	40.99 -0.08 0.00	37.27 -0.19 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	36.67 1.33 -0.35	32.27 1.00 -0.12	29.73 0.89 0.00	27.60 0.78 0.00	28.45 0.77 0.00	32.52 0.85 -0.10	41.66 1.20 -0.36	42.32 2.04 -0.27	40.64 2.18 -0.79	35.63 2.03 -1.39	35.81 2.25 -0.48	37.46 2.31 -1.25	38.82 2.40 -1.11	41.11 2.62 -0.99	42.92 2.85 -1.05	48.32 2.81 -1.61	52.23 2.71 -1.21	70.01 3.45 -0.28	72.10 3.36 -0.26	67.86 1.98 0.00	53.21 1.45 0.00	47.96 1.33 -0.85	43.29 1.36 -0.86	39.20 1.16 -0.58
HARSNRAD_115KV_TB1 81005	35.58 -0.14 -0.73	32.49 0.87 -0.47	29.71 0.58 -0.30	27.39 0.40 -0.16	28.59 0.69 -0.23	32.88 0.82 -0.49	40.94 -0.24 -1.08	40.33 -0.84 -1.16	38.38 -0.26 -0.98	32.77 -0.03 -0.59	33.73 -0.10 -0.75	34.87 0.14 -0.83	36.98 0.74 -0.93	39.12 0.52 -1.10	40.20 -0.04 -1.22	45.94 0.44 -1.61	52.71 1.21 -3.19	70.17 1.33 -2.57	75.19 1.99 -4.72	70.80 0.72 -4.19	54.88 0.00 -3.12	48.09 0.14 -2.17	43.10 0.62 -1.41	40.70 1.65 -1.60
HARZA MOOSE___RIVER 24016	38.71 0.80 -2.92	33.86 0.75 -1.95	29.98 0.69 -0.45	28.12 0.64 -0.65	29.99 0.69 -1.63	35.79 0.85 -3.38	46.13 1.36 -4.67	49.92 1.36 -8.55	46.89 1.02 -8.21	36.27 0.55 -3.51	39.10 0.53 -5.49	39.70 0.54 -5.25	37.96 0.53 -2.12	38.61 0.34 -0.77	40.12 0.23 -0.86	45.50 0.48 -1.12	51.41 0.87 -2.23	70.96 1.46 -3.22	76.01 2.05 -5.48	72.67 2.04 -4.74	55.54 1.60 -2.18	48.81 1.51 -1.52	43.21 1.15 -0.98	39.36 0.79 -1.11
HDSNBRDG_115KV_BRDG_TB1 355580	36.47 -0.17 -1.66	32.16 -0.06 -1.07	29.32 -0.09 -0.57	27.09 -0.11 -0.37	28.24 -0.06 -0.62	32.83 -0.06 -1.33	42.44 -0.16 -2.50	43.07 -0.04 -3.10	40.36 -0.08 -2.78	33.53 -0.13 -1.45	34.96 -0.13 -2.01	35.89 -0.10 -2.09	37.06 -0.04 -1.79	39.30 -0.04 -1.84	41.03 -0.04 -2.05	46.69 0.13 -2.66	53.95 0.34 -5.30	71.15 0.40 -4.47	77.26 0.62 -8.16	73.44 0.33 -7.22	56.98 0.05 -5.17	49.25 -0.14 -3.60	43.29 -0.12 -2.34	40.03 -0.07 -2.65
HELLGATE_13_KV_LD 55870	37.44 2.06 -0.39	32.91 1.62 -0.14	30.25 1.41 -0.01	28.07 1.23 -0.01	28.90 1.22 -0.01	33.07 1.39 -0.12	42.91 1.80 -1.01	44.41 2.80 -1.60	42.73 3.01 -2.05	36.64 2.90 -1.53	36.82 3.21 -0.54	42.81 3.22 -5.68	42.00 3.39 -3.31	42.95 3.67 -1.78	46.35 3.71 -3.62	49.49 3.64 -1.95	57.02 3.19 -5.52	75.18 3.91 -4.99	73.85 3.70 -1.67	71.97 2.04 -4.04	57.92 1.50 -4.66	48.40 1.69 -0.93	44.57 1.85 -1.64	39.78 1.69 -0.64
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	37.44 2.06 -0.39	32.91 1.62 -0.14	30.25 1.41 -0.01	28.07 1.23 -0.01	28.90 1.22 -0.01	33.07 1.39 -0.12	42.91 1.80 -1.01	44.41 2.80 -1.60	42.73 3.01 -2.05	36.64 2.90 -1.53	36.82 3.21 -0.54	42.81 3.22 -5.68	42.00 3.39 -3.31	42.95 3.67 -1.78	46.35 3.71 -3.62	49.49 3.64 -1.95	57.02 3.19 -5.52	75.18 3.91 -4.99	73.85 3.70 -1.67	71.97 2.04 -4.04	57.92 1.50 -4.66	48.40 1.69 -0.93	44.57 1.85 -1.64	39.78 1.69 -0.64
HEMPSTEAD____ 23647	36.99 1.61 -0.39	32.41 1.12 -0.13	29.76 0.92 0.00	27.55 0.72 0.00	28.37 0.69 0.00	32.53 0.85 -0.11	41.44 0.88 -0.46	42.35 2.04 -0.30	40.76 2.11 -0.99	36.02 2.29 -1.52	36.32 2.68 -0.56	39.88 2.68 -3.30	39.54 2.79 -1.44	41.67 3.00 -1.17	44.49 3.12 -2.35	48.08 2.41 -1.78	52.00 1.93 -1.75	69.31 2.25 -0.78	70.89 1.99 -0.42	66.65 0.59 -0.18	52.59 0.36 -0.47	47.26 0.55 -0.93	43.15 1.07 -1.01	39.11 1.01 -0.64
HICKLING___1 23621	36.54 0.59 -0.95	32.76 1.00 -0.61	29.98 0.75 -0.40	27.65 0.62 -0.21	28.85 0.89 -0.29	33.28 1.07 -0.64	42.39 0.88 -1.41	42.29 0.84 -1.44	39.75 0.87 -1.22	33.65 0.71 -0.73	34.71 0.69 -0.94	35.75 0.81 -1.03	37.64 1.17 -1.16	39.99 1.12 -1.37	41.51 0.98 -1.52	47.44 1.54 -2.01	54.63 2.32 -4.00	72.61 3.12 -3.21	78.30 3.90 -5.91	74.16 3.03 -5.25	57.42 1.76 -3.90	49.83 1.33 -2.72	44.07 1.23 -1.76	41.03 1.57 -2.00
HICKLING___2 23622	36.54 0.59 -0.95	32.76 1.00 -0.61	29.98 0.75 -0.40	27.65 0.62 -0.21	28.85 0.89 -0.29	33.28 1.07 -0.64	42.39 0.88 -1.41	42.29 0.84 -1.44	39.75 0.87 -1.22	33.65 0.71 -0.73	34.71 0.69 -0.94	35.75 0.81 -1.03	37.64 1.17 -1.16	39.99 1.12 -1.37	41.51 0.98 -1.52	47.44 1.54 -2.01	54.63 2.32 -4.00	72.61 3.12 -3.21	78.30 3.90 -5.91	74.16 3.03 -5.25	57.42 1.76 -3.90	49.83 1.33 -2.72	44.07 1.23 -1.76	41.03 1.57 -2.00
HIGH FALLS___HY 23754	36.92 1.71 -0.22	32.57 1.34 -0.07	30.04 1.21 0.00	27.87 1.05 0.00	28.73 1.05 0.00	32.76 1.14 -0.06	42.00 1.68 -0.22	42.72 2.52 -0.19	40.90 2.67 -0.57	35.60 2.38 -1.00	36.00 2.58 -0.34	37.23 2.61 -0.71	38.86 2.75 -0.80	41.25 3.04 -0.71	42.94 3.28 -0.65	48.30 3.29 -1.11	52.56 3.38 -0.86	70.92 4.44 -0.20	73.12 4.45 -0.19	68.85 2.96 0.00	53.99 2.23 0.00	48.40 2.01 -0.61	43.62 1.93 -0.61	39.52 1.65 -0.41
HIGH_RIVER___SOLAR 323847	35.81 1.05 0.22	31.92 0.84 0.07	29.67 0.84 0.00	27.58 0.75 0.00	28.45 0.77 0.00	32.41 0.92 0.07	41.19 1.32 0.23	41.35 1.52 0.18	38.05 0.83 0.44	31.76 0.32 0.78	32.88 0.07 0.27	33.31 -0.03 0.56	34.61 -0.07 0.63	36.94 0.00 0.56	38.63 0.12 0.50	43.44 0.44 0.89	48.66 1.02 0.67	68.38 2.25 0.16	71.28 2.94 0.15	68.13 2.24 0.00	53.42 1.66 0.00	46.73 1.42 0.47	41.88 1.27 0.47	38.18 1.05 0.32
HILLBURN___GT 23639	36.68 1.33 -0.36	32.27 1.00 -0.12	29.73 0.89 0.00	27.60 0.78 0.00	28.45 0.77 0.00	32.52 0.85 -0.11	41.63 1.16 -0.37	42.37 2.08 -0.28	40.73 2.26 -0.81	35.79 2.16 -1.41	35.98 2.41 -0.49	37.67 2.44 -1.32	39.02 2.58 -1.13	41.28 2.77 -1.01	43.12 3.00 -1.10	48.31 2.77 -1.65	52.06 2.51 -1.24	69.81 3.25 -0.29	71.84 3.08 -0.27	67.60 1.71 0.00	52.90 1.14 0.00	47.79 1.14 -0.87	43.26 1.31 -0.87	39.22 1.16 -0.59
HILLSIDE_115KV_TB1 80332	36.12 0.17 -0.96	32.36 0.59 -0.61	29.60 0.37 -0.40	27.31 0.27 -0.21	28.47 0.50 -0.29	32.84 0.63 -0.65	41.83 0.32 -1.41	41.73 0.28 -1.44	39.30 0.41 -1.22	33.30 0.35 -0.73	34.38 0.36 -0.94	35.45 0.51 -1.03	37.28 0.81 -1.16	39.58 0.71 -1.37	41.12 0.59 -1.52	46.91 1.01 -2.01	53.95 1.64 -4.00	71.61 2.12 -3.21	77.20 2.81 -5.91	73.05 1.91 -5.25	56.65 0.98 -3.90	49.14 0.64 -2.72	43.50 0.66 -1.77	40.47 1.01 -2.00

HISHELDN_WT_PWR 323625	35.99 0.21 -0.80	32.69 1.03 -0.51	29.88 0.72 -0.33	27.57 0.56 -0.18	28.78 0.86 -0.25	33.14 1.04 -0.54	41.55 0.28 -1.18	41.05 -0.20 -1.24	38.83 0.11 -1.05	33.04 0.19 -0.63	34.02 0.13 -0.81	35.37 0.58 -0.89	37.19 0.88 -1.00	39.46 0.79 -1.18	40.68 0.35 -1.31	46.50 0.88 -1.73	53.39 1.64 -3.43	70.70 1.66 -2.76	76.37 2.81 -5.08	71.97 1.58 -4.51	55.84 0.72 -3.35	48.80 0.69 -2.34	43.62 1.03 -1.52	40.97 1.80 -1.72
HOLTSVILLE_IC_1 23690	37.09 1.71 -0.39	32.31 1.03 -0.13	29.58 0.75 0.00	27.33 0.51 0.00	28.12 0.44 0.00	32.34 0.66 -0.11	41.36 0.80 -0.46	42.51 2.20 -0.30	40.75 2.11 -0.98	36.08 2.35 -1.52	36.53 2.91 -0.54	38.85 2.65 -2.29	39.50 2.76 -1.44	41.70 3.04 -1.16	44.10 3.36 -1.73	47.73 2.06 -1.78	51.60 1.55 -1.74	68.11 1.06 -0.77	69.73 0.82 -0.42	65.50 -0.33 0.06	52.07 -0.15 -0.47	46.79 0.09 -0.92	43.07 0.98 -1.01	39.18 1.09 -0.64
HOLTSVILLE_IC_10 23699	37.26 1.89 -0.39	32.47 1.18 -0.13	29.73 0.89 0.00	27.44 0.62 0.00	28.26 0.58 0.00	32.47 0.79 -0.11	41.56 1.00 -0.46	42.75 2.44 -0.30	40.98 2.34 -0.98	36.28 2.54 -1.52	36.73 3.11 -0.54	39.06 2.85 -2.31	39.74 3.00 -1.44	41.96 3.30 -1.16	44.42 3.67 -1.74	48.04 2.37 -1.78	51.94 1.88 -1.74	68.51 1.46 -0.77	70.07 1.16 -0.42	65.83 0.00 0.06	52.43 0.21 -0.47	47.07 0.36 -0.92	43.31 1.23 -1.01	39.37 1.27 -0.64
HOLTSVILLE_IC_2 23691	37.09 1.71 -0.39	32.31 1.03 -0.13	29.58 0.75 0.00	27.33 0.51 0.00	28.12 0.44 0.00	32.34 0.66 -0.11	41.36 0.80 -0.46	42.51 2.20 -0.30	40.75 2.11 -0.98	36.08 2.35 -1.52	36.53 2.91 -0.54	38.85 2.65 -2.29	39.50 2.76 -1.44	41.70 3.04 -1.16	44.10 3.36 -1.73	47.73 2.06 -1.78	51.60 1.55 -1.74	68.11 1.06 -0.77	69.73 0.82 -0.42	65.50 -0.33 0.06	52.07 -0.15 -0.47	46.79 0.09 -0.92	43.07 0.98 -1.01	39.18 1.09 -0.64
HOLTSVILLE_IC_3 23692	37.09 1.71 -0.39	32.31 1.03 -0.13	29.58 0.75 0.00	27.33 0.51 0.00	28.12 0.44 0.00	32.34 0.66 -0.11	41.36 0.80 -0.46	42.51 2.20 -0.30	40.75 2.11 -0.98	36.08 2.35 -1.52	36.53 2.91 -0.54	38.85 2.65 -2.29	39.50 2.76 -1.44	41.70 3.04 -1.16	44.10 3.36 -1.73	47.73 2.06 -1.78	51.60 1.55 -1.74	68.11 1.06 -0.77	69.73 0.82 -0.42	65.50 -0.33 0.06	52.07 -0.15 -0.47	46.79 0.09 -0.92	43.07 0.98 -1.01	39.18 1.09 -0.64
HOLTSVILLE_IC_4 23693	37.09 1.71 -0.39	32.31 1.03 -0.13	29.58 0.75 0.00	27.33 0.51 0.00	28.12 0.44 0.00	32.34 0.66 -0.11	41.36 0.80 -0.46	42.51 2.20 -0.30	40.75 2.11 -0.98	36.08 2.35 -1.52	36.53 2.91 -0.54	38.85 2.65 -2.29	39.50 2.76 -1.44	41.70 3.04 -1.16	44.10 3.36 -1.73	47.73 2.06 -1.78	51.60 1.55 -1.74	68.11 1.06 -0.77	69.73 0.82 -0.42	65.50 -0.33 0.06	52.07 -0.15 -0.47	46.79 0.09 -0.92	43.07 0.98 -1.01	39.18 1.09 -0.64
HOLTSVILLE_IC_5 23694	37.09 1.71 -0.39	32.31 1.03 -0.13	29.58 0.75 0.00	27.33 0.51 0.00	28.12 0.44 0.00	32.34 0.66 -0.11	41.36 0.80 -0.46	42.51 2.20 -0.30	40.75 2.11 -0.98	36.08 2.35 -1.52	36.53 2.91 -0.54	38.85 2.65 -2.29	39.50 2.76 -1.44	41.70 3.04 -1.16	44.10 3.36 -1.73	47.73 2.06 -1.78	51.60 1.55 -1.74	68.11 1.06 -0.77	69.73 0.82 -0.42	65.50 -0.33 0.06	52.07 -0.15 -0.47	46.79 0.09 -0.92	43.07 0.98 -1.01	39.18 1.09 -0.64
HOLTSVILLE_IC_6 23695	37.26 1.89 -0.39	32.47 1.18 -0.13	29.73 0.89 0.00	27.44 0.62 0.00	28.26 0.58 0.00	32.47 0.79 -0.11	41.56 1.00 -0.46	42.75 2.44 -0.30	40.98 2.34 -0.98	36.28 2.54 -1.52	36.73 3.11 -0.54	39.06 2.85 -2.31	39.74 3.00 -1.44	41.96 3.30 -1.16	44.42 3.67 -1.74	48.04 2.37 -1.78	51.94 1.88 -1.74	68.51 1.46 -0.77	70.07 1.16 -0.42	65.83 0.00 0.06	52.43 0.21 -0.47	47.07 0.36 -0.92	43.31 1.23 -1.01	39.37 1.27 -0.64
HOLTSVILLE_IC_7 23696	37.26 1.89 -0.39	32.47 1.18 -0.13	29.73 0.89 0.00	27.44 0.62 0.00	28.26 0.58 0.00	32.47 0.79 -0.11	41.56 1.00 -0.46	42.75 2.44 -0.30	40.98 2.34 -0.98	36.28 2.54 -1.52	36.73 3.11 -0.54	39.06 2.85 -2.31	39.74 3.00 -1.44	41.96 3.30 -1.16	44.42 3.67 -1.74	48.04 2.37 -1.78	51.94 1.88 -1.74	68.51 1.46 -0.77	70.07 1.16 -0.42	65.83 0.00 0.06	52.43 0.21 -0.47	47.07 0.36 -0.92	43.31 1.23 -1.01	39.37 1.27 -0.64
HOLTSVILLE_IC_8 23697	37.26 1.89 -0.39	32.47 1.18 -0.13	29.73 0.89 0.00	27.44 0.62 0.00	28.26 0.58 0.00	32.47 0.79 -0.11	41.56 1.00 -0.46	42.75 2.44 -0.30	40.98 2.34 -0.98	36.28 2.54 -1.52	36.73 3.11 -0.54	39.06 2.85 -2.31	39.74 3.00 -1.44	41.96 3.30 -1.16	44.42 3.67 -1.74	48.04 2.37 -1.78	51.94 1.88 -1.74	68.51 1.46 -0.77	70.07 1.16 -0.42	65.83 0.00 0.06	52.43 0.21 -0.47	47.07 0.36 -0.92	43.31 1.23 -1.01	39.37 1.27 -0.64
HOLTSVILLE_IC_9 23698	37.26 1.89 -0.39	32.47 1.18 -0.13	29.73 0.89 0.00	27.44 0.62 0.00	28.26 0.58 0.00	32.47 0.79 -0.11	41.56 1.00 -0.46	42.75 2.44 -0.30	40.98 2.34 -0.98	36.28 2.54 -1.52	36.73 3.11 -0.54	39.06 2.85 -2.31	39.74 3.00 -1.44	41.96 3.30 -1.16	44.42 3.67 -1.74	48.04 2.37 -1.78	51.94 1.88 -1.74	68.51 1.46 -0.77	70.07 1.16 -0.42	65.83 0.00 0.06	52.43 0.21 -0.47	47.07 0.36 -0.92	43.31 1.23 -1.01	39.37 1.27 -0.64
HOMER_HL_115KV_TB2 355744	35.83 0.07 -0.77	32.49 0.84 -0.49	29.64 0.49 -0.32	27.32 0.32 -0.17	28.63 0.72 -0.24	33.00 0.92 -0.52	41.63 0.40 -1.14	41.38 0.16 -1.21	39.25 0.56 -1.02	33.44 0.61 -0.61	34.46 0.60 -0.79	35.69 0.92 -0.86	37.73 1.45 -0.97	39.92 1.27 -1.14	41.23 0.94 -1.27	47.15 1.58 -1.68	54.26 2.61 -3.34	72.14 3.18 -2.68	77.59 4.18 -4.93	72.90 2.64 -4.38	56.21 1.19 -3.26	48.96 0.92 -2.27	43.58 1.03 -1.47	40.70 1.57 -1.67
HOWARD_WT_PWR 323690	36.76 0.84 -0.93	33.15 1.40 -0.59	30.31 1.10 -0.39	27.94 0.91 -0.21	29.18 1.22 -0.29	33.74 1.55 -0.63	42.75 1.28 -1.38	42.47 1.04 -1.42	39.85 0.98 -1.21	33.64 0.71 -0.72	34.63 0.63 -0.93	35.87 0.95 -1.02	37.69 1.24 -1.15	40.08 1.24 -1.35	41.45 0.93 -1.50	47.50 1.63 -1.98	54.81 2.56 -3.93	72.75 3.31 -3.16	79.02 4.72 -5.82	74.81 3.75 -5.17	57.98 2.38 -3.84	50.29 1.83 -2.68	44.66 1.85 -1.74	41.71 2.29 -1.97
HQ_GEN_CEDARS 23644	53.05 0.63 -17.43	43.46 0.53 -11.78	30.92 0.43 -1.66	31.11 0.40 -3.88	38.81 0.42 -10.72	54.19 0.54 -22.10	69.18 0.72 -28.37	96.97 0.16 -56.80	93.04 0.19 -55.19	55.16 0.19 -22.75	69.75 0.23 -36.44	68.33 0.17 -34.25	46.10 0.04 -10.76	37.50 0.00 0.00	38.94 -0.08 0.00	43.76 -0.13 0.00	48.02 -0.29 0.00	76.49 -0.27 -10.48	84.13 -0.34 -15.99	79.78 0.59 -13.30	52.43 0.67 0.00	46.60 0.82 0.00	41.77 0.70 0.00	38.13 0.67 0.00
HQ_GEN_CEDARS_PROXY 323590	53.05 0.63 -17.43	43.46 0.53 -11.78	30.92 0.43 -1.66	31.11 0.40 -3.88	38.81 0.42 -10.72	54.19 0.54 -22.10	69.18 0.72 -28.37	96.97 0.16 -56.80	93.04 0.19 -55.19	55.16 0.19 -22.75	69.75 0.23 -36.44	68.33 0.17 -34.25	46.10 0.04 -10.76	37.50 0.00 0.00	38.94 -0.08 0.00	43.85 -0.04 0.00	48.22 -0.10 0.00	76.76 0.00 -10.48	84.33 -0.14 -15.99	80.04 0.85 -13.30	52.64 0.88 0.00	46.76 0.96 -0.02	41.75 0.70 0.02	38.13 0.67 0.00

HQ_GEN_IMPORT 323601	34.51 0.18 0.66	30.84 0.13 0.44	28.86 0.09 0.06	26.76 0.08 0.15	27.35 0.08 0.40	30.86 0.13 0.83	39.19 0.16 1.07	37.67 -0.20 2.14	35.40 -0.19 2.07	31.23 -0.13 0.86	31.58 -0.13 1.37	32.48 -0.14 1.29	34.73 -0.18 0.40	37.27 -0.22 0.00	38.79 -0.23 0.00	43.59 -0.31 0.00	47.98 -0.34 0.00	65.49 -0.40 0.39	64.79 -0.48 3.22	68.20 0.20 -2.12	52.02 0.26 0.00	46.08 0.28 -0.02	41.22 0.16 0.02	37.61 0.15 0.00
HQ_GEN_WHEEL 23651	34.51 0.18 0.66	30.84 0.13 0.44	28.86 0.09 0.06	26.76 0.08 0.15	27.35 0.08 0.40	30.86 0.13 0.83	39.19 0.16 1.07	37.67 -0.20 2.14	35.40 -0.19 2.07	31.23 -0.13 0.86	31.58 -0.13 1.37	32.48 -0.14 1.29	34.73 -0.18 0.40	37.27 -0.22 0.00	38.79 -0.23 0.00	43.59 -0.31 0.00	47.98 -0.34 0.00	65.49 -0.40 0.39	64.79 -0.48 3.22	68.20 0.20 -2.12	52.02 0.26 0.00	46.08 0.28 -0.02	41.22 0.16 0.02	37.61 0.15 0.00
HUDSON AVE_GT_3 23810	37.13 1.75 -0.39	32.62 1.34 -0.13	30.01 1.18 0.00	27.82 0.99 0.00	28.67 1.00 0.00	32.81 1.14 -0.11	42.02 1.52 -0.40	42.83 2.52 -0.30	41.28 2.75 -0.86	36.45 2.71 -1.52	36.59 2.98 -0.53	39.18 3.09 -2.19	39.67 3.14 -1.22	42.04 3.45 -1.09	44.30 3.63 -1.65	49.08 3.42 -1.77	52.83 3.19 -1.33	70.36 3.78 -0.31	72.40 3.63 -0.29	67.93 2.04 0.00	53.26 1.50 0.00	48.22 1.51 -0.93	43.65 1.64 -0.93	39.56 1.46 -0.64
HUDSON AVE_GT_4 23540	37.13 1.75 -0.39	32.62 1.34 -0.13	30.01 1.18 0.00	27.82 0.99 0.00	28.67 1.00 0.00	32.81 1.14 -0.11	42.02 1.52 -0.40	42.83 2.52 -0.30	41.28 2.75 -0.86	36.45 2.71 -1.52	36.59 2.98 -0.53	39.18 3.09 -2.19	39.67 3.14 -1.22	42.04 3.45 -1.09	44.30 3.63 -1.65	49.08 3.42 -1.77	52.83 3.19 -1.33	70.36 3.78 -0.31	72.40 3.63 -0.29	67.93 2.04 0.00	53.26 1.50 0.00	48.22 1.51 -0.93	43.65 1.64 -0.93	39.56 1.46 -0.64
HUDSON AVE_GT_5 23657	37.13 1.75 -0.39	32.62 1.34 -0.13	30.01 1.18 0.00	27.82 0.99 0.00	28.67 1.00 0.00	32.81 1.14 -0.11	42.02 1.52 -0.40	42.83 2.52 -0.30	41.28 2.75 -0.86	36.45 2.71 -1.52	36.59 2.98 -0.53	39.18 3.09 -2.19	39.67 3.14 -1.22	42.04 3.45 -1.09	44.30 3.63 -1.65	49.08 3.42 -1.77	52.83 3.19 -1.33	70.36 3.78 -0.31	72.40 3.63 -0.29	67.93 2.04 0.00	53.26 1.50 0.00	48.22 1.51 -0.93	43.65 1.64 -0.93	39.56 1.46 -0.64
HUDSON_AVE_10 24168	37.06 1.68 -0.39	32.56 1.28 -0.13	29.96 1.12 0.00	27.76 0.94 0.00	28.62 0.94 0.00	32.75 1.07 -0.11	42.00 1.44 -0.46	42.93 2.48 -0.44	41.36 2.71 -0.99	36.41 2.67 -1.52	36.56 2.94 -0.53	39.51 3.05 -2.55	39.82 3.07 -1.44	42.04 3.37 -1.16	44.46 3.59 -1.85	49.02 3.34 -1.79	53.18 3.09 -1.77	70.80 3.71 -0.81	72.41 3.49 -0.44	68.29 1.98 -0.43	53.65 1.40 -0.50	48.13 1.42 -0.93	43.65 1.56 -1.01	39.48 1.39 -0.64
HUDSON___115KV_TB 4 355613	35.19 0.38 0.18	31.31 0.22 0.06	28.98 0.14 0.00	27.01 0.19 0.00	27.79 0.11 0.00	31.76 0.25 0.05	40.39 0.48 0.18	40.91 1.04 0.14	38.75 1.28 0.19	32.63 0.74 0.33	33.56 0.60 0.11	34.16 0.51 0.26	35.54 0.49 0.26	37.94 0.67 0.24	39.31 0.51 0.21	43.82 0.75 0.82	48.71 0.92 0.52	67.68 1.52 0.12	70.15 1.78 0.11	66.41 0.53 0.00	52.17 0.41 0.00	45.91 0.50 0.37	41.12 0.41 0.37	37.43 0.22 0.25
HUNTER MOUNT___DRP 323613	35.40 0.52 0.11	31.43 0.31 0.04	28.95 0.12 0.00	26.99 0.16 0.00	27.76 0.08 0.00	31.88 0.35 0.03	40.66 0.68 0.12	41.12 1.20 0.08	38.79 1.13 0.00	32.83 0.61 0.00	33.51 0.43 0.00	34.26 0.37 0.02	35.66 0.35 0.00	37.99 0.49 0.00	39.49 0.47 0.00	44.14 0.83 0.59	49.08 1.06 0.30	68.13 1.92 0.07	70.61 2.19 0.07	66.48 0.59 0.00	52.23 0.47 0.00	46.30 0.73 0.21	41.44 0.58 0.21	37.65 0.34 0.14
HUNTINGTON_RES_REC 323705	36.95 1.58 -0.39	32.25 0.97 -0.13	29.55 0.72 0.00	27.31 0.48 0.00	28.12 0.44 0.00	32.31 0.63 -0.11	41.28 0.72 -0.46	42.35 2.04 -0.30	40.68 2.03 -0.98	35.99 2.25 -1.52	36.36 2.74 -0.54	38.84 2.61 -2.32	39.50 2.76 -1.44	41.66 3.00 -1.16	43.92 3.16 -1.74	47.51 1.84 -1.78	51.46 1.40 -1.74	68.18 1.13 -0.77	69.73 0.82 -0.42	65.50 -0.33 0.06	51.97 -0.26 -0.47	46.65 -0.05 -0.92	43.07 0.98 -1.01	39.03 0.94 -0.64
HUNTLEY___63 23557	36.00 0.28 -0.74	32.87 1.25 -0.47	30.06 0.92 -0.30	27.71 0.72 -0.16	28.92 1.02 -0.23	33.26 1.20 -0.50	41.18 0.00 -1.09	40.57 -0.60 -1.17	38.65 0.00 -0.99	33.00 0.19 -0.59	33.97 0.13 -0.76	35.11 0.37 -0.83	37.23 0.99 -0.94	39.43 0.82 -1.10	40.48 0.23 -1.23	46.34 0.83 -1.62	53.22 1.69 -3.21	70.72 1.86 -2.58	75.84 2.60 -4.75	71.36 1.25 -4.22	55.21 0.31 -3.14	48.38 0.41 -2.19	43.36 0.86 -1.42	41.16 2.10 -1.61
HUNTLEY___64 23558	36.00 0.28 -0.74	32.87 1.25 -0.47	30.06 0.92 -0.30	27.71 0.72 -0.16	28.92 1.02 -0.23	33.26 1.20 -0.50	41.18 0.00 -1.09	40.57 -0.60 -1.17	38.65 0.00 -0.99	33.00 0.19 -0.59	33.97 0.13 -0.76	35.11 0.37 -0.83	37.23 0.99 -0.94	39.43 0.82 -1.10	40.48 0.23 -1.23	46.34 0.83 -1.62	53.22 1.69 -3.21	70.72 1.86 -2.58	75.84 2.60 -4.75	71.36 1.25 -4.22	55.21 0.31 -3.14	48.38 0.41 -2.19	43.36 0.86 -1.42	41.16 2.10 -1.61
HUNTLEY___65 23559	36.00 0.28 -0.74	32.87 1.25 -0.47	30.06 0.92 -0.30	27.71 0.72 -0.16	28.92 1.02 -0.23	33.26 1.20 -0.50	41.18 0.00 -1.09	40.57 -0.60 -1.17	38.65 0.00 -0.99	33.00 0.19 -0.59	33.97 0.13 -0.76	35.11 0.37 -0.83	37.23 0.99 -0.94	39.43 0.82 -1.10	40.48 0.23 -1.23	46.34 0.83 -1.62	53.22 1.69 -3.21	70.72 1.86 -2.58	75.84 2.60 -4.75	71.36 1.25 -4.22	55.21 0.31 -3.14	48.38 0.41 -2.19	43.36 0.86 -1.42	41.16 2.10 -1.61
HUNTLEY___66 23560	36.00 0.28 -0.74	32.87 1.25 -0.47	30.06 0.92 -0.30	27.71 0.72 -0.16	28.92 1.02 -0.23	33.26 1.20 -0.50	41.18 0.00 -1.09	40.57 -0.60 -1.17	38.65 0.00 -0.99	33.00 0.19 -0.59	33.97 0.13 -0.76	35.11 0.37 -0.83	37.23 0.99 -0.94	39.43 0.82 -1.10	40.48 0.23 -1.23	46.34 0.83 -1.62	53.22 1.69 -3.21	70.72 1.86 -2.58	75.84 2.60 -4.75	71.36 1.25 -4.22	55.21 0.31 -3.14	48.38 0.41 -2.19	43.36 0.86 -1.42	41.16 2.10 -1.61
HUNTLEY___67 23561	35.72 0.00 -0.73	32.59 0.97 -0.47	29.77 0.63 -0.30	27.47 0.48 -0.16	28.68 0.77 -0.23	32.97 0.92 -0.50	41.02 -0.16 -1.08	40.45 -0.72 -1.17	38.54 -0.11 -0.99	32.90 0.10 -0.59	33.90 0.07 -0.76	35.04 0.31 -0.83	37.13 0.88 -0.94	39.28 0.67 -1.10	40.40 0.16 -1.23	46.17 0.66 -1.62	52.93 1.40 -3.22	70.39 1.52 -2.59	75.50 2.26 -4.76	71.10 0.99 -4.22	55.00 0.10 -3.14	48.24 0.27 -2.19	43.20 0.70 -1.42	40.79 1.72 -1.61
HUNTLEY___68 23562	35.72 0.00 -0.73	32.59 0.97 -0.47	29.77 0.63 -0.30	27.47 0.48 -0.16	28.68 0.77 -0.23	32.97 0.92 -0.50	41.02 -0.16 -1.08	40.45 -0.72 -1.17	38.54 -0.11 -0.99	32.90 0.10 -0.59	33.90 0.07 -0.76	35.04 0.31 -0.83	37.13 0.88 -0.94	39.28 0.67 -1.10	40.40 0.16 -1.23	46.17 0.66 -1.62	52.93 1.40 -3.22	70.39 1.52 -2.59	75.50 2.26 -4.76	71.10 0.99 -4.22	55.00 0.10 -3.14	48.24 0.27 -2.19	43.20 0.70 -1.42	40.79 1.72 -1.61

HYLAND___LFGE 323620	37.49 1.68 -0.82	33.77 2.09 -0.52	30.93 1.76 -0.34	28.56 1.56 -0.18	29.75 1.83 -0.25	34.42 2.30 -0.55	43.91 2.60 -1.21	43.76 2.48 -1.27	40.77 2.03 -1.08	34.15 1.29 -0.64	34.80 0.89 -0.83	35.93 1.12 -0.91	37.53 1.20 -1.02	40.09 1.39 -1.20	41.52 1.17 -1.33	47.80 2.15 -1.76	55.39 3.58 -3.50	74.66 5.57 -2.81	81.26 7.60 -5.18	77.40 6.92 -4.60	59.78 4.61 -3.42	51.73 3.57 -2.38	45.91 3.29 -1.55	42.73 3.52 -1.75
INDECK___CORINTH 23802	35.22 0.56 0.32	31.52 0.47 0.11	29.32 0.49 0.00	27.25 0.43 0.00	28.06 0.39 0.00	32.00 0.54 0.09	40.65 0.88 0.33	41.04 1.28 0.25	37.76 0.71 0.62	31.58 0.45 1.09	33.00 0.30 0.37	33.30 0.17 0.78	34.51 0.07 0.87	36.87 0.15 0.78	38.63 0.31 0.70	43.31 0.66 1.24	48.44 1.06 0.94	67.99 1.92 0.22	70.74 2.46 0.20	67.46 1.58 0.00	52.90 1.14 0.00	45.99 0.87 0.66	41.16 0.74 0.66	37.42 0.41 0.45
INDECK___ILION 23567	35.39 0.10 -0.30	31.45 0.09 -0.20	28.95 0.09 -0.03	26.97 0.08 -0.07	27.94 0.08 -0.18	32.03 0.09 -0.38	40.74 0.16 -0.48	41.29 0.32 -0.96	38.86 0.26 -0.94	32.80 0.19 -0.39	33.90 0.20 -0.62	34.69 0.20 -0.58	35.70 0.21 -0.18	37.76 0.26 0.00	39.25 0.23 0.00	44.20 0.31 0.00	48.70 0.39 0.00	66.99 0.53 -0.18	69.37 0.62 -0.27	66.44 0.33 -0.23	52.02 0.26 0.00	46.01 0.23 0.00	41.24 0.16 0.00	37.57 0.11 0.00
INDECK___OLEAN 23982	35.83 0.07 -0.77	32.49 0.84 -0.49	29.64 0.49 -0.32	27.32 0.32 -0.17	28.63 0.72 -0.24	33.00 0.92 -0.52	41.63 0.40 -1.14	41.38 0.16 -1.21	39.21 0.53 -1.02	33.44 0.61 -0.61	34.46 0.60 -0.79	35.82 1.05 -0.86	37.73 1.45 -0.97	39.95 1.31 -1.14	41.27 0.98 -1.27	47.20 1.63 -1.68	54.16 2.51 -3.34	71.68 2.72 -2.68	77.32 3.90 -4.93	72.57 2.30 -4.38	56.15 1.14 -3.26	48.87 0.82 -2.27	43.58 1.03 -1.47	40.70 1.57 -1.67
INDECK___OSWEGO 23783	38.55 -0.59 -4.16	33.38 -0.44 -2.66	29.95 -0.43 -1.55	27.32 -0.43 -0.92	28.73 -0.39 -1.44	34.24 -0.44 -3.12	45.75 -0.56 -6.22	46.68 -0.44 -7.11	43.42 -0.49 -6.25	35.15 -0.48 -3.41	37.20 -0.50 -4.61	38.32 -0.47 -4.88	39.49 -0.46 -4.64	42.07 -0.49 -5.06	44.10 -0.55 -5.62	50.68 -0.52 -7.31	62.47 -0.39 -14.54	77.69 -0.60 -12.01	90.15 -0.34 -22.00	84.86 -0.53 -19.51	65.39 -0.57 -14.19	55.08 -0.60 -9.89	46.96 -0.54 -6.42	44.24 -0.49 -7.27
INDECK___YERKES 23781	36.04 0.31 -0.74	32.90 1.28 -0.47	30.06 0.92 -0.30	27.74 0.75 -0.16	28.95 1.05 -0.23	33.29 1.23 -0.50	41.22 0.04 -1.09	40.61 -0.56 -1.17	38.65 0.00 -0.99	33.03 0.23 -0.59	34.00 0.17 -0.76	35.45 0.71 -0.83	37.27 1.02 -0.94	39.50 0.90 -1.10	40.60 0.35 -1.23	46.43 0.92 -1.62	53.22 1.69 -3.21	70.26 1.39 -2.58	75.56 2.33 -4.75	71.09 0.99 -4.22	55.21 0.31 -3.14	48.38 0.41 -2.19	43.40 0.90 -1.42	41.20 2.13 -1.61
INDIAN POINT_GT_1 24139	36.70 1.33 -0.38	32.28 1.00 -0.13	29.70 0.86 0.00	27.58 0.75 0.00	28.42 0.75 0.00	32.49 0.82 -0.11	41.61 1.12 -0.39	42.35 2.04 -0.30	40.70 2.18 -0.85	35.83 2.13 -1.49	35.98 2.38 -0.52	37.91 2.48 -1.53	39.01 2.51 -1.20	41.30 2.74 -1.07	43.23 2.97 -1.24	48.40 2.77 -1.74	52.18 2.56 -1.30	69.70 3.12 -0.30	71.78 3.01 -0.28	67.47 1.58 0.00	52.90 1.14 0.00	47.84 1.14 -0.92	43.23 1.23 -0.92	39.17 1.09 -0.63
INDIAN POINT_GT_2 23659	36.70 1.33 -0.38	32.28 1.00 -0.13	29.70 0.86 0.00	27.58 0.75 0.00	28.42 0.75 0.00	32.49 0.82 -0.11	41.61 1.12 -0.39	42.35 2.04 -0.30	40.70 2.18 -0.85	35.83 2.13 -1.49	35.98 2.38 -0.52	37.91 2.48 -1.53	39.01 2.51 -1.20	41.30 2.74 -1.07	43.23 2.97 -1.24	48.40 2.77 -1.74	52.18 2.56 -1.30	69.70 3.12 -0.30	71.78 3.01 -0.28	67.47 1.58 0.00	52.90 1.14 0.00	47.84 1.14 -0.92	43.23 1.23 -0.92	39.17 1.09 -0.63
INDIAN POINT_GT_3 24019	36.70 1.33 -0.38	32.28 1.00 -0.13	29.70 0.86 0.00	27.58 0.75 0.00	28.42 0.75 0.00	32.49 0.82 -0.11	41.61 1.12 -0.39	42.35 2.04 -0.30	40.70 2.18 -0.85	35.83 2.13 -1.49	35.98 2.38 -0.52	37.91 2.48 -1.53	39.01 2.51 -1.20	41.30 2.74 -1.07	43.23 2.97 -1.24	48.40 2.77 -1.74	52.18 2.56 -1.30	69.70 3.12 -0.30	71.78 3.01 -0.28	67.47 1.58 0.00	52.90 1.14 0.00	47.84 1.14 -0.92	43.23 1.23 -0.92	39.17 1.09 -0.63
INDIAN POINT___2 23530	36.66 1.30 -0.38	32.25 0.97 -0.12	29.70 0.86 0.00	27.58 0.75 0.00	28.42 0.75 0.00	32.49 0.82 -0.11	41.56 1.08 -0.38	42.30 2.00 -0.29	40.68 2.18 -0.84	35.81 2.13 -1.47	35.97 2.38 -0.51	37.82 2.41 -1.50	38.99 2.51 -1.17	41.28 2.74 -1.05	43.17 2.93 -1.22	48.28 2.68 -1.70	51.96 2.37 -1.28	69.56 2.99 -0.30	71.57 2.81 -0.28	67.34 1.45 0.00	52.74 0.98 0.00	47.68 1.01 -0.90	43.21 1.23 -0.90	39.20 1.12 -0.61
INDIAN POINT___3 23531	36.67 1.29 -0.39	32.25 0.97 -0.13	29.70 0.86 0.00	27.58 0.75 0.00	28.39 0.72 0.00	32.46 0.79 -0.11	41.57 1.08 -0.39	42.31 2.00 -0.30	40.66 2.15 -0.85	35.81 2.09 -1.50	35.95 2.35 -0.52	37.85 2.44 -1.51	38.98 2.47 -1.20	41.31 2.74 -1.07	43.18 2.93 -1.23	48.36 2.72 -1.74	52.14 2.51 -1.31	69.63 3.05 -0.30	71.71 2.94 -0.29	67.40 1.52 0.00	52.85 1.09 0.00	47.80 1.10 -0.92	43.23 1.23 -0.92	39.14 1.05 -0.63
INGHAM_C_115KV_TB7 356103	34.93 -0.35 -0.30	31.08 -0.28 -0.20	28.63 -0.23 -0.03	26.70 -0.19 -0.07	27.66 -0.19 -0.18	31.75 -0.19 -0.38	40.58 0.00 -0.48	41.09 0.12 -0.96	38.56 -0.04 -0.94	32.41 -0.19 -0.39	33.50 -0.20 -0.62	34.32 -0.17 -0.58	35.31 -0.18 -0.18	37.31 -0.19 0.00	38.79 -0.23 0.00	43.67 -0.22 0.00	48.02 -0.29 0.00	65.99 -0.46 -0.18	68.48 -0.27 -0.27	65.65 -0.46 -0.23	51.35 -0.41 0.00	45.69 -0.09 0.00	40.87 -0.21 0.00	37.16 -0.30 0.00
IP CORINTH___1 23988	35.44 0.77 0.32	31.70 0.65 0.11	29.47 0.63 0.00	27.42 0.59 0.00	28.23 0.55 0.00	32.19 0.73 0.09	40.89 1.12 0.33	41.28 1.52 0.25	37.98 0.94 0.62	31.74 0.61 1.09	33.17 0.46 0.37	33.50 0.37 0.78	34.72 0.28 0.87	37.10 0.37 0.78	38.86 0.55 0.71	43.62 0.97 1.24	48.78 1.40 0.94	68.45 2.39 0.22	71.22 2.94 0.20	67.93 2.04 0.00	53.26 1.50 0.00	46.31 1.19 0.66	41.40 0.99 0.66	37.69 0.67 0.45
IP___TICONDEROGA 23804	36.83 2.17 0.33	32.85 1.81 0.11	30.56 1.73 0.00	28.38 1.56 0.00	29.25 1.58 0.00	33.45 1.99 0.10	42.77 3.01 0.33	43.12 3.36 0.25	39.21 2.18 0.64	32.55 1.45 1.12	33.95 1.26 0.38	34.29 1.19 0.80	35.58 1.17 0.90	38.01 1.31 0.80	39.93 1.64 0.72	45.07 2.46 1.28	50.78 3.43 0.96	71.62 5.57 0.22	75.05 6.78 0.21	71.49 5.60 0.00	55.95 4.19 0.00	48.49 3.39 0.68	43.23 2.83 0.68	39.17 2.17 0.46
ISLIP_RES_REC 323679	37.44 2.06 -0.39	32.62 1.34 -0.13	29.84 1.01 0.00	27.55 0.72 0.00	28.37 0.69 0.00	32.62 0.95 -0.11	41.80 1.24 -0.46	42.95 2.64 -0.30	41.17 2.52 -0.98	36.47 2.74 -1.52	36.96 3.34 -0.54	39.31 3.09 -2.32	39.99 3.25 -1.44	42.23 3.56 -1.16	44.70 3.94 -1.74	48.35 2.68 -1.78	52.33 2.27 -1.74	68.91 1.85 -0.77	70.48 1.58 -0.42	66.23 0.40 0.05	52.74 0.52 -0.47	47.34 0.64 -0.92	43.52 1.44 -1.01	39.56 1.46 -0.64

JAMAICA__27_KV_LOAD 355505	37.30 1.92 -0.39	32.75 1.46 -0.13	30.13 1.30 0.00	27.87 1.05 0.00	28.75 1.08 0.00	32.94 1.26 -0.11	42.21 1.64 -0.47	43.22 2.76 -0.45	41.68 3.01 -1.00	36.70 2.96 -1.52	36.82 3.21 -0.53	39.91 3.42 -2.58	40.04 3.28 -1.45	42.34 3.67 -1.17	44.87 3.98 -1.87	49.37 3.69 -1.79	53.65 3.53 -1.81	71.43 4.31 -0.84	73.11 4.18 -0.45	68.92 2.57 -0.46	54.10 1.81 -0.53	48.40 1.69 -0.93	43.90 1.81 -1.01	39.71 1.61 -0.64
JANIS__SOLAR 323808	37.42 1.36 -1.08	33.24 1.40 -0.68	30.52 1.24 -0.45	28.16 1.10 -0.24	29.28 1.27 -0.33	33.83 1.55 -0.73	43.81 2.12 -1.59	43.72 2.16 -1.55	40.79 1.66 -1.47	34.18 0.90 -1.06	34.91 0.73 -1.10	35.99 0.78 -1.31	37.66 0.88 -1.47	40.10 0.94 -1.67	41.73 0.90 -1.81	47.71 1.58 -2.23	55.32 2.56 -4.44	73.89 4.04 -3.57	80.26 5.20 -6.57	76.40 4.68 -5.84	59.46 3.36 -4.34	51.55 2.75 -3.02	45.30 2.26 -1.96	41.66 1.98 -2.22
JARVIS____ 23743	35.32 0.04 -0.30	31.39 0.03 -0.20	28.89 0.03 -0.03	26.94 0.05 -0.07	27.88 0.03 -0.18	31.97 0.03 -0.38	40.66 0.08 -0.48	41.21 0.24 -0.96	38.79 0.19 -0.94	32.76 0.16 -0.39	33.83 0.13 -0.62	34.62 0.14 -0.58	35.67 0.18 -0.18	37.69 0.19 0.00	39.22 0.20 0.00	44.11 0.22 0.00	48.56 0.24 0.00	66.79 0.33 -0.18	69.10 0.34 -0.27	66.18 0.07 -0.23	51.81 0.05 0.00	45.82 0.05 0.00	41.12 0.04 0.00	37.46 0.00 0.00
JENNISON____1 23625	37.30 1.50 -0.81	33.14 1.46 -0.52	30.50 1.33 -0.34	28.21 1.21 -0.18	29.28 1.36 -0.25	33.69 1.58 -0.55	43.50 2.21 -1.20	43.40 2.24 -1.15	40.75 1.96 -1.13	34.50 1.35 -0.93	35.27 1.36 -0.83	36.44 1.46 -1.08	38.07 1.59 -1.18	40.48 1.69 -1.29	42.06 1.64 -1.40	48.02 2.15 -1.98	54.88 3.00 -3.58	73.47 4.44 -2.75	78.84 5.34 -5.02	74.91 4.61 -4.41	58.46 3.42 -3.28	51.10 2.88 -2.44	45.09 2.38 -1.64	41.26 2.02 -1.78
JENNISON____2 23626	37.30 1.50 -0.81	33.14 1.46 -0.52	30.50 1.33 -0.34	28.21 1.21 -0.18	29.28 1.36 -0.25	33.69 1.58 -0.55	43.50 2.21 -1.20	43.40 2.24 -1.15	40.75 1.96 -1.13	34.50 1.35 -0.93	35.27 1.36 -0.83	36.44 1.46 -1.08	38.07 1.59 -1.18	40.48 1.69 -1.29	42.06 1.64 -1.40	48.02 2.15 -1.98	54.88 3.00 -3.58	73.47 4.44 -2.75	78.84 5.34 -5.02	74.91 4.61 -4.41	58.46 3.42 -3.28	51.10 2.88 -2.44	45.09 2.38 -1.64	41.26 2.02 -1.78
JERICOHO_RISE_WT_PWR 323719	37.66 0.81 -1.87	33.10 0.68 -1.26	29.56 0.55 -0.18	27.70 0.46 -0.42	29.27 0.44 -1.15	34.47 0.54 -2.37	43.86 0.72 -3.04	46.38 0.28 -6.09	43.88 0.30 -5.92	35.04 0.39 -2.44	37.45 0.46 -3.91	37.96 0.37 -3.67	36.60 0.14 -1.15	37.50 0.00 0.00	38.83 -0.19 0.00	43.72 -0.17 0.00	48.22 -0.10 0.00	67.60 0.20 -1.12	70.06 -0.14 -1.72	67.78 0.46 -1.43	52.12 0.36 0.00	46.14 0.36 0.00	41.12 0.04 0.00	37.57 0.11 0.00
KATONAH__115KV_46KV_TB4 355592	36.84 1.47 -0.39	32.41 1.12 -0.13	29.84 1.01 0.00	27.71 0.89 0.00	28.53 0.86 0.00	32.65 0.98 -0.11	41.86 1.36 -0.40	42.55 2.24 -0.31	40.84 2.30 -0.88	36.01 2.26 -1.54	36.05 2.45 -0.53	37.59 2.54 -1.14	39.15 2.61 -1.23	41.49 2.89 -1.10	43.08 3.04 -1.02	48.62 2.94 -1.79	52.41 2.75 -1.35	70.04 3.45 -0.31	72.06 3.29 -0.29	67.80 1.91 0.00	53.26 1.50 0.00	48.10 1.37 -0.95	43.46 1.44 -0.95	39.34 1.24 -0.65
KCE_NY_1 323755	35.73 1.09 0.34	31.91 0.87 0.11	29.67 0.84 0.00	27.60 0.78 0.00	28.42 0.75 0.00	32.35 0.88 0.10	41.07 1.32 0.35	41.47 1.72 0.26	38.28 1.28 0.66	32.02 0.97 1.16	33.51 0.83 0.40	33.85 0.78 0.83	35.15 0.78 0.93	37.57 0.90 0.83	39.36 1.09 0.75	43.97 1.40 1.33	49.05 1.74 1.00	68.77 2.72 0.23	71.27 3.01 0.22	68.13 2.24 0.00	53.42 1.66 0.00	46.45 1.37 0.70	41.60 1.23 0.70	37.95 0.97 0.48
KCE_NY_6_ESR 323823	36.01 0.28 -0.75	32.82 1.18 -0.48	29.98 0.84 -0.31	27.66 0.67 -0.17	28.87 0.97 -0.23	33.27 1.20 -0.51	41.56 0.36 -1.11	41.03 -0.16 -1.18	39.00 0.34 -1.00	33.30 0.48 -0.60	34.28 0.43 -0.77	35.70 0.95 -0.85	37.53 1.27 -0.95	39.82 1.20 -1.12	40.97 0.70 -1.25	46.85 1.32 -1.64	53.70 2.12 -3.27	70.96 2.06 -2.62	76.46 3.15 -4.83	71.88 1.71 -4.29	55.77 0.83 -3.19	48.83 0.82 -2.22	43.71 1.19 -1.44	41.11 2.02 -1.63
KEDC PORT_JEFF_GT2 24210	37.19 1.82 -0.39	32.44 1.15 -0.13	29.67 0.84 0.00	27.41 0.59 0.00	28.20 0.52 0.00	32.43 0.76 -0.11	41.52 0.96 -0.46	42.63 2.32 -0.30	40.91 2.26 -0.98	36.21 2.48 -1.52	36.66 3.04 -0.54	38.99 2.78 -2.30	39.67 2.93 -1.44	41.89 3.23 -1.16	44.30 3.55 -1.73	47.91 2.24 -1.78	51.85 1.79 -1.74	68.05 1.00 -0.77	69.59 0.68 -0.42	65.57 -0.26 0.06	52.33 0.10 -0.47	46.98 0.28 -0.92	43.23 1.15 -1.01	39.29 1.20 -0.64
KEDC PORT_JEFF_GT3 24211	37.19 1.82 -0.39	32.44 1.15 -0.13	29.67 0.84 0.00	27.41 0.59 0.00	28.20 0.52 0.00	32.43 0.76 -0.11	41.52 0.96 -0.46	42.63 2.32 -0.30	40.91 2.26 -0.98	36.21 2.48 -1.52	36.66 3.04 -0.54	38.99 2.78 -2.30	39.67 2.93 -1.44	41.89 3.23 -1.16	44.30 3.55 -1.73	47.91 2.24 -1.78	51.85 1.79 -1.74	68.05 1.00 -0.77	69.59 0.68 -0.42	65.57 -0.26 0.06	52.33 0.10 -0.47	46.98 0.28 -0.92	43.23 1.15 -1.01	39.29 1.20 -0.64
KEDC_GLWD_GT4 24219	37.13 1.75 -0.39	32.59 1.31 -0.13	29.93 1.10 0.00	27.74 0.91 0.00	28.56 0.89 0.00	32.72 1.04 -0.11	41.80 1.24 -0.46	42.67 2.36 -0.30	41.09 2.45 -0.99	36.25 2.51 -1.52	36.56 2.91 -0.57	40.60 2.92 -3.78	39.79 3.04 -1.44	41.97 3.30 -1.17	45.10 3.43 -2.65	48.57 2.90 -1.78	52.29 2.22 -1.75	69.71 2.65 -0.78	71.37 2.46 -0.43	67.19 1.05 -0.25	52.90 0.67 -0.47	47.80 1.10 -0.93	43.52 1.44 -1.01	39.41 1.31 -0.64
KEDC_GLWD_GT5 24220	37.13 1.75 -0.39	32.59 1.31 -0.13	29.93 1.10 0.00	27.74 0.91 0.00	28.56 0.89 0.00	32.72 1.04 -0.11	41.80 1.24 -0.46	42.67 2.36 -0.30	41.09 2.45 -0.99	36.25 2.51 -1.52	36.56 2.91 -0.57	40.60 2.92 -3.78	39.79 3.04 -1.44	41.97 3.30 -1.17	45.10 3.43 -2.65	48.57 2.90 -1.78	52.29 2.22 -1.75	69.71 2.65 -0.78	71.37 2.46 -0.43	67.19 1.05 -0.25	52.90 0.67 -0.47	47.80 1.10 -0.93	43.52 1.44 -1.01	39.41 1.31 -0.64
KENSICO____ 23655	36.81 1.43 -0.39	32.38 1.09 -0.13	29.81 0.98 0.00	27.66 0.83 0.00	28.50 0.83 0.00	32.59 0.92 -0.11	41.74 1.24 -0.40	42.47 2.16 -0.30	40.86 2.34 -0.86	35.98 2.26 -1.51	36.15 2.55 -0.53	38.17 2.61 -1.66	39.20 2.68 -1.21	41.50 2.92 -1.08	43.47 3.12 -1.32	48.60 2.94 -1.76	52.34 2.71 -1.32	69.83 3.25 -0.31	71.92 3.15 -0.29	67.60 1.71 0.00	53.00 1.24 0.00	47.94 1.24 -0.93	43.36 1.36 -0.93	39.26 1.16 -0.63
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	36.81 1.57 -0.25	32.45 1.22 -0.08	29.93 1.10 0.00	27.76 0.94 0.00	28.62 0.94 0.00	32.68 1.04 -0.07	41.91 1.56 -0.25	42.62 2.40 -0.21	40.76 2.49 -0.62	35.49 2.19 -1.08	35.83 2.38 -0.37	37.12 2.41 -0.80	38.68 2.51 -0.86	41.08 2.81 -0.77	42.74 3.00 -0.72	48.17 3.03 -1.24	52.41 3.14 -0.95	70.68 4.18 -0.22	72.87 4.18 -0.21	68.65 2.77 0.00	53.83 2.07 0.00	48.33 1.88 -0.67	43.51 1.77 -0.67	39.42 1.50 -0.46

KIAC_JFK_GT1 23816	37.06 1.68 -0.39	32.56 1.28 -0.13	29.96 1.12 0.00	27.71 0.89 0.00	28.59 0.91 0.00	32.75 1.07 -0.11	41.81 1.24 -0.47	42.82 2.36 -0.45	41.26 2.60 -1.00	36.51 2.77 -1.52	36.62 3.01 -0.53	39.71 3.22 -2.58	39.69 2.93 -1.45	41.97 3.30 -1.17	44.48 3.59 -1.87	48.89 3.20 -1.79	53.11 3.00 -1.81	70.70 3.58 -0.84	72.35 3.42 -0.45	68.20 1.84 -0.46	53.59 1.29 -0.53	47.95 1.24 -0.93	43.49 1.40 -1.01	39.48 1.39 -0.64
KIAC_JFK_GT2 23817	37.06 1.68 -0.39	32.56 1.28 -0.13	29.96 1.12 0.00	27.71 0.89 0.00	28.59 0.91 0.00	32.75 1.07 -0.11	41.81 1.24 -0.47	42.82 2.36 -0.45	41.26 2.60 -1.00	36.51 2.77 -1.52	36.62 3.01 -0.53	39.71 3.22 -2.58	39.69 2.93 -1.45	41.97 3.30 -1.17	44.48 3.59 -1.87	48.89 3.20 -1.79	53.11 3.00 -1.81	70.70 3.58 -0.84	72.35 3.42 -0.45	68.20 1.84 -0.46	53.59 1.29 -0.53	47.95 1.24 -0.93	43.49 1.40 -1.01	39.48 1.39 -0.64
KIAC_JFK____ 323774	37.06 1.68 -0.39	32.56 1.28 -0.13	29.96 1.12 0.00	27.71 0.88 0.00	28.59 0.91 0.00	32.75 1.07 -0.11	41.81 1.24 -0.47	42.82 2.36 -0.45	41.30 2.64 -1.00	36.51 2.77 -1.52	36.62 3.01 -0.53	39.67 3.19 -2.58	39.69 2.93 -1.45	41.93 3.26 -1.17	44.43 3.55 -1.86	48.80 3.12 -1.79	52.92 2.80 -1.81	70.63 3.51 -0.84	72.22 3.29 -0.45	68.06 1.71 -0.46	53.43 1.14 -0.53	47.86 1.14 -0.93	43.49 1.40 -1.01	39.26 1.16 -0.64
KINTIGH__24_KV_GSU 356498	35.55 -0.14 -0.70	32.35 0.75 -0.44	29.61 0.49 -0.29	27.33 0.35 -0.16	28.47 0.58 -0.22	32.73 0.69 -0.47	40.89 -0.24 -1.03	40.33 -0.80 -1.13	38.35 -0.26 -0.95	32.78 0.00 -0.57	33.75 -0.07 -0.73	35.12 0.41 -0.80	36.85 0.64 -0.91	39.05 0.49 -1.06	40.24 0.04 -1.18	45.89 0.44 -1.56	52.43 1.02 -3.10	69.50 0.73 -2.49	74.65 1.58 -4.59	70.36 0.40 -4.07	54.68 -0.10 -3.03	47.94 0.05 -2.11	42.98 0.53 -1.37	40.55 1.54 -1.55
KINTIGH____ 23543	35.55 -0.14 -0.70	32.35 0.75 -0.44	29.61 0.49 -0.29	27.33 0.35 -0.16	28.47 0.58 -0.22	32.73 0.69 -0.47	40.85 -0.28 -1.03	40.33 -0.80 -1.13	38.39 -0.23 -0.95	32.78 0.00 -0.57	33.74 -0.07 -0.73	34.85 0.14 -0.80	36.88 0.67 -0.91	39.05 0.49 -1.06	40.16 -0.04 -1.18	45.85 0.40 -1.56	52.48 1.06 -3.10	69.90 1.13 -2.49	74.85 1.78 -4.59	70.62 0.66 -4.07	54.74 -0.05 -3.03	47.98 0.09 -2.11	42.98 0.53 -1.37	40.51 1.50 -1.55
KNTFSRNC_46_KV_46KV_LOAD 80397	37.64 1.54 -1.11	33.28 1.37 -0.75	30.03 1.10 -0.11	28.04 0.97 -0.25	29.30 0.94 -0.68	34.14 1.17 -1.41	43.47 1.56 -1.81	44.76 1.12 -3.63	42.28 1.09 -3.53	34.80 1.13 -1.45	36.60 1.19 -2.33	37.18 1.09 -2.19	36.84 0.85 -0.69	38.17 0.67 0.00	39.53 0.51 0.00	43.72 -0.18 0.00	47.59 -0.72 0.00	66.55 -0.40 -0.67	68.61 -0.89 -1.02	66.41 -0.85 -0.85	51.40 -0.36 0.00	45.87 0.09 0.00	41.73 0.66 0.00	38.17 0.71 0.00
LACHUTE____HYDRO 323717	36.83 2.17 0.33	32.85 1.81 0.11	30.56 1.73 0.00	28.38 1.56 0.00	29.25 1.58 0.00	33.46 1.99 0.10	42.77 3.01 0.33	43.12 3.36 0.25	39.21 2.18 0.64	32.55 1.45 1.12	33.95 1.26 0.38	34.29 1.19 0.80	35.57 1.16 0.90	38.01 1.31 0.80	39.90 1.60 0.72	45.03 2.41 1.28	50.68 3.33 0.96	71.55 5.50 0.22	74.91 6.64 0.21	71.42 5.54 0.00	55.85 4.09 0.00	48.40 3.30 0.68	43.23 2.83 0.68	39.17 2.17 0.46
LAWRNCV_115KV_TB1 80681	49.77 0.80 -13.98	41.27 0.69 -9.43	30.83 0.58 -1.42	30.48 0.54 -3.11	36.74 0.55 -8.51	49.84 0.73 -17.55	63.84 1.04 -22.70	85.49 0.44 -45.04	81.75 0.38 -43.71	50.59 0.29 -18.08	62.31 0.33 -28.90	61.42 0.31 -27.20	44.23 0.14 -8.79	37.93 0.04 -0.39	39.42 -0.04 -0.44	44.33 -0.13 -0.57	49.15 -0.29 -1.13	75.09 -0.33 -9.14	82.23 -0.48 -14.23	78.41 0.59 -11.93	53.59 0.72 -1.10	47.60 1.05 -0.77	42.52 0.94 -0.50	38.89 0.86 -0.56
LEDERLE____ 23769	36.82 1.47 -0.37	32.37 1.09 -0.12	29.81 0.98 0.00	27.68 0.86 0.00	28.53 0.86 0.00	32.68 1.01 -0.11	41.88 1.40 -0.38	42.61 2.32 -0.29	40.93 2.45 -0.82	35.98 2.32 -1.44	36.16 2.58 -0.50	37.93 2.64 -1.38	39.18 2.72 -1.16	41.53 3.00 -1.03	43.36 3.20 -1.14	48.69 3.12 -1.68	52.47 2.90 -1.26	70.15 3.58 -0.29	72.32 3.56 -0.27	68.00 2.11 0.00	53.26 1.50 0.00	48.08 1.42 -0.89	43.44 1.48 -0.89	39.34 1.27 -0.60
LIGHTHSE_115KV_TB6 355974	38.36 0.07 -3.30	33.46 0.16 -2.15	29.92 0.12 -0.97	27.64 0.08 -0.73	29.21 0.14 -1.40	34.75 0.22 -2.96	45.56 0.40 -5.06	47.55 0.44 -7.10	44.41 0.23 -6.52	35.38 0.00 -3.17	37.63 -0.03 -4.59	38.50 -0.03 -4.62	38.54 0.00 -3.23	40.31 -0.07 -2.89	42.04 -0.20 -3.21	48.03 -0.04 -4.18	56.92 0.29 -8.32	74.24 0.53 -7.43	82.95 1.03 -13.44	78.67 0.92 -11.87	60.50 0.62 -8.12	51.94 0.50 -5.66	45.12 0.37 -3.67	41.84 0.22 -4.16
LINDEN COGEN____ 23786	36.85 1.47 -0.39	32.38 1.09 -0.13	29.76 0.92 0.00	27.60 0.78 0.00	28.42 0.75 0.00	32.53 0.85 -0.11	40.85 1.16 0.41	40.86 2.20 1.35	39.48 2.45 0.63	36.22 2.48 -1.52	36.36 2.74 -0.53	36.18 2.81 0.54	37.67 3.08 0.46	40.79 3.28 -0.21	41.55 3.28 0.75	41.89 2.90 4.90	46.01 2.51 4.81	63.35 3.05 5.98	69.66 2.74 1.57	61.26 1.32 5.95	45.73 0.83 6.85	43.04 1.01 3.74	42.34 1.27 0.01	39.21 1.12 -0.63
LINDHRST_69_KV_BK1 356055	37.51 2.13 -0.39	32.81 1.53 -0.13	30.07 1.24 0.00	27.82 0.99 0.00	28.64 0.97 0.00	32.88 1.20 -0.11	41.96 1.40 -0.46	43.12 2.68 -0.43	41.25 2.60 -0.99	36.50 2.77 -1.52	36.87 3.24 -0.54	39.77 3.32 -2.54	40.10 3.35 -1.44	42.30 3.64 -1.16	44.77 3.86 -1.88	48.83 3.16 -1.78	52.72 2.66 -1.75	69.91 2.85 -0.78	71.64 2.74 -0.42	66.95 1.05 -0.01	53.36 1.14 -0.47	47.85 1.14 -0.92	43.73 1.64 -1.01	39.33 1.24 -0.64
LIPA_MISC_IPP 23656	36.99 1.61 -0.39	32.19 0.90 -0.13	29.47 0.63 0.00	27.20 0.38 0.00	28.01 0.33 0.00	32.18 0.50 -0.11	41.20 0.64 -0.46	42.52 2.08 -0.43	40.61 1.96 -0.98	35.99 2.26 -1.52	36.43 2.81 -0.54	39.08 2.88 -2.30	39.39 2.65 -1.44	41.62 2.96 -1.16	44.07 3.32 -1.73	47.95 2.28 -1.78	51.65 1.59 -1.74	68.18 1.13 -0.77	69.86 0.96 -0.42	65.37 -0.46 0.06	52.28 0.05 -0.47	46.79 0.09 -0.92	42.99 0.90 -1.01	38.47 0.37 -0.64
LISF____SOLAR 323691	37.02 1.64 -0.39	32.25 0.97 -0.13	29.50 0.66 0.00	27.23 0.40 0.00	28.03 0.36 0.00	32.21 0.54 -0.11	41.28 0.72 -0.46	42.43 2.12 -0.30	40.68 2.03 -0.98	36.02 2.29 -1.52	36.46 2.85 -0.54	38.78 2.58 -2.30	39.43 2.68 -1.44	41.62 2.96 -1.16	44.11 3.36 -1.73	47.69 2.02 -1.78	51.56 1.50 -1.74	68.11 1.06 -0.77	69.73 0.82 -0.42	65.50 -0.33 0.06	52.07 -0.15 -0.47	46.70 0.00 -0.92	43.03 0.95 -1.01	39.11 1.01 -0.64
LITTLE FALLS____HYD 24013	34.93 -0.35 -0.30	31.08 -0.28 -0.20	28.63 -0.23 -0.03	26.70 -0.19 -0.07	27.66 -0.19 -0.18	31.75 -0.19 -0.38	40.58 0.00 -0.48	41.09 0.12 -0.96	38.56 -0.04 -0.94	32.41 -0.19 -0.39	33.50 -0.20 -0.62	34.32 -0.17 -0.58	35.31 -0.18 -0.18	37.31 -0.19 0.00	38.79 -0.23 0.00	43.67 -0.22 0.00	48.02 -0.29 0.00	65.99 -0.46 -0.18	68.48 -0.27 -0.27	65.65 -0.46 -0.23	51.35 -0.41 0.00	45.69 -0.09 0.00	40.87 -0.21 0.00	37.16 -0.30 0.00

LITTLRIV_115KV_TB1 356100	49.52 1.15 -13.38	41.18 1.00 -9.03	31.04 0.84 -1.37	30.61 0.80 -2.98	36.64 0.83 -8.14	49.42 1.07 -16.78	63.39 1.56 -21.73	84.00 0.92 -43.07	80.13 0.68 -41.79	49.93 0.42 -17.30	61.18 0.46 -27.64	60.37 0.44 -26.02	44.02 0.28 -8.43	38.10 0.19 -0.42	39.56 0.08 -0.47	44.59 0.09 -0.61	49.57 0.05 -1.20	75.44 0.33 -8.83	82.67 0.41 -13.78	78.96 1.52 -11.56	54.44 1.50 -1.18	48.34 1.74 -0.82	43.09 1.48 -0.53	39.34 1.27 -0.60
LI_NEWBRDGE___DRP 323616	36.85 1.47 -0.39	32.28 1.00 -0.13	29.61 0.78 0.00	27.42 0.59 0.00	28.20 0.53 0.00	32.37 0.69 -0.11	41.24 0.68 -0.46	42.32 1.88 -0.43	40.61 1.96 -0.98	35.92 2.19 -1.52	36.16 2.55 -0.54	38.60 2.54 -2.15	39.39 2.65 -1.44	41.51 2.85 -1.16	43.59 2.93 -1.64	47.95 2.28 -1.78	51.84 1.79 -1.74	68.91 1.86 -0.77	70.62 1.71 -0.42	66.12 0.33 0.10	52.43 0.21 -0.46	47.07 0.37 -0.92	42.99 0.90 -1.01	38.73 0.64 -0.64
LOCKPORT_115KV_TB60_63_64 80432	35.54 -0.17 -0.73	32.49 0.87 -0.46	29.68 0.55 -0.30	27.39 0.40 -0.16	28.56 0.66 -0.22	32.88 0.82 -0.49	40.89 -0.28 -1.08	40.32 -0.84 -1.16	38.38 -0.26 -0.98	32.77 -0.03 -0.58	33.70 -0.13 -0.75	34.83 0.10 -0.82	36.94 0.71 -0.93	39.12 0.52 -1.09	40.16 -0.08 -1.21	45.93 0.44 -1.60	52.70 1.21 -3.18	70.16 1.33 -2.56	75.18 1.99 -4.71	70.79 0.72 -4.18	54.87 0.00 -3.11	48.08 0.14 -2.17	43.10 0.62 -1.41	40.70 1.65 -1.59
LOCKPORT___CC1 323769	35.58 -0.14 -0.73	32.49 0.87 -0.47	29.71 0.58 -0.30	27.39 0.40 -0.16	28.59 0.69 -0.23	32.88 0.82 -0.49	40.94 -0.24 -1.08	40.32 -0.84 -1.16	38.38 -0.26 -0.98	32.77 -0.03 -0.59	33.73 -0.10 -0.75	35.17 0.44 -0.83	36.95 0.71 -0.93	39.16 0.56 -1.10	40.24 0.00 -1.22	45.98 0.48 -1.61	52.71 1.21 -3.19	69.58 0.73 -2.57	74.92 1.71 -4.72	70.54 0.46 -4.19	54.82 -0.05 -3.12	48.04 0.09 -2.17	43.10 0.62 -1.41	40.70 1.65 -1.60
LOCKPORT___CC2 323770	35.58 -0.14 -0.73	32.49 0.87 -0.47	29.71 0.58 -0.30	27.39 0.40 -0.16	28.59 0.69 -0.23	32.88 0.82 -0.49	40.94 -0.24 -1.08	40.32 -0.84 -1.16	38.38 -0.26 -0.98	32.77 -0.03 -0.59	33.73 -0.10 -0.75	35.17 0.44 -0.83	36.95 0.71 -0.93	39.16 0.56 -1.10	40.24 0.00 -1.22	45.98 0.48 -1.61	52.71 1.21 -3.19	69.58 0.73 -2.57	74.92 1.71 -4.72	70.54 0.46 -4.19	54.82 -0.05 -3.12	48.04 0.09 -2.17	43.10 0.62 -1.41	40.70 1.65 -1.60
LOCKPORT___CC3 323771	35.58 -0.14 -0.73	32.49 0.87 -0.47	29.71 0.58 -0.30	27.39 0.40 -0.16	28.59 0.69 -0.23	32.88 0.82 -0.49	40.94 -0.24 -1.08	40.32 -0.84 -1.16	38.38 -0.26 -0.98	32.77 -0.03 -0.59	33.73 -0.10 -0.75	35.17 0.44 -0.83	36.95 0.71 -0.93	39.16 0.56 -1.10	40.24 0.00 -1.22	45.98 0.48 -1.61	52.71 1.21 -3.19	69.58 0.73 -2.57	74.92 1.71 -4.72	70.54 0.46 -4.19	54.82 -0.05 -3.12	48.04 0.09 -2.17	43.10 0.62 -1.41	40.70 1.65 -1.60
LOCUSVLY_69_KV_BK2 55797	37.16 1.78 -0.39	32.59 1.31 -0.13	29.90 1.07 0.00	27.68 0.86 0.00	28.50 0.83 0.00	32.69 1.01 -0.11	41.72 1.16 -0.46	42.76 2.32 -0.43	41.06 2.41 -0.99	36.28 2.55 -1.52	36.58 2.94 -0.56	40.31 3.02 -3.38	39.86 3.11 -1.44	42.00 3.34 -1.17	44.93 3.51 -2.40	48.61 2.94 -1.78	52.48 2.42 -1.75	69.78 2.72 -0.78	71.44 2.53 -0.42	67.18 1.12 -0.17	53.06 0.83 -0.47	47.67 0.96 -0.93	43.48 1.40 -1.01	39.18 1.09 -0.64
LONG_LAKE_PHOENIX 24014	36.23 -0.24 -1.49	32.00 -0.12 -0.96	29.19 -0.14 -0.50	27.00 -0.16 -0.33	28.14 -0.11 -0.57	32.69 -0.09 -1.22	42.20 -0.16 -2.26	42.84 -0.04 -2.87	40.17 -0.08 -2.59	33.38 -0.16 -1.33	34.77 -0.17 -1.86	35.66 -0.17 -1.92	36.82 -0.07 -1.58	39.01 -0.07 -1.59	40.71 -0.08 -1.76	46.24 0.04 -2.30	53.17 0.29 -4.57	70.57 0.40 -3.89	76.26 0.68 -7.09	72.56 0.40 -6.28	56.32 0.10 -4.46	48.80 -0.09 -3.11	42.97 -0.12 -2.02	39.67 -0.07 -2.28
LOVETT___3 23632	36.65 1.29 -0.37	32.25 0.97 -0.12	29.70 0.86 0.00	27.58 0.75 0.00	28.42 0.75 0.00	32.46 0.79 -0.11	41.56 1.08 -0.38	42.26 1.96 -0.29	40.64 2.15 -0.83	35.77 2.09 -1.46	35.93 2.35 -0.50	37.77 2.44 -1.42	38.95 2.47 -1.17	41.28 2.74 -1.04	43.12 2.93 -1.17	48.31 2.72 -1.70	52.15 2.56 -1.28	69.69 3.12 -0.30	71.77 3.01 -0.28	67.47 1.58 0.00	52.90 1.14 0.00	47.77 1.10 -0.90	43.21 1.23 -0.90	39.16 1.09 -0.61
LOVETT___4 23642	36.65 1.29 -0.37	32.25 0.97 -0.12	29.70 0.86 0.00	27.58 0.75 0.00	28.42 0.75 0.00	32.46 0.79 -0.11	41.56 1.08 -0.38	42.26 1.96 -0.29	40.64 2.15 -0.83	35.77 2.09 -1.46	35.93 2.35 -0.50	37.77 2.44 -1.42	38.95 2.47 -1.17	41.28 2.74 -1.04	43.12 2.93 -1.17	48.31 2.72 -1.70	52.15 2.56 -1.28	69.69 3.12 -0.30	71.77 3.01 -0.28	67.47 1.58 0.00	52.90 1.14 0.00	47.77 1.10 -0.90	43.21 1.23 -0.90	39.16 1.09 -0.61
LOVETT___5 23593	36.65 1.29 -0.37	32.25 0.97 -0.12	29.70 0.86 0.00	27.58 0.75 0.00	28.42 0.75 0.00	32.46 0.79 -0.11	41.56 1.08 -0.38	42.26 1.96 -0.29	40.64 2.15 -0.83	35.77 2.09 -1.46	35.93 2.35 -0.50	37.77 2.44 -1.42	38.95 2.47 -1.17	41.28 2.74 -1.04	43.12 2.93 -1.17	48.31 2.72 -1.70	52.15 2.56 -1.28	69.69 3.12 -0.30	71.77 3.01 -0.28	67.47 1.58 0.00	52.90 1.14 0.00	47.77 1.10 -0.90	43.21 1.23 -0.90	39.16 1.09 -0.61
LOWER RAQUET___HYD 24057	48.68 0.88 -12.82	40.55 0.75 -8.65	30.76 0.61 -1.32	30.27 0.59 -2.86	36.07 0.61 -7.79	48.42 0.79 -16.07	62.03 1.12 -20.82	81.79 0.56 -41.22	78.11 0.45 -39.99	49.10 0.32 -16.56	59.89 0.36 -26.45	59.15 0.34 -24.91	43.58 0.18 -8.10	38.02 0.08 -0.44	39.47 -0.04 -0.49	44.58 0.04 -0.64	49.54 -0.05 -1.27	74.75 -0.07 -8.54	81.70 -0.14 -13.35	77.95 0.85 -11.21	54.04 1.03 -1.24	47.93 1.28 -0.87	42.67 1.03 -0.56	38.99 0.90 -0.64
LOWER___HUDSON 24059	35.21 0.66 0.44	31.48 0.47 0.15	29.32 0.49 0.00	27.31 0.48 0.00	28.09 0.42 0.00	31.91 0.47 0.13	40.37 0.72 0.45	40.90 1.24 0.35	37.89 1.09 0.87	31.63 0.93 1.52	33.39 0.83 0.52	33.59 0.78 1.09	34.90 0.81 1.22	37.27 0.86 1.09	39.09 1.05 0.98	43.38 1.23 1.74	48.25 1.25 1.31	67.83 1.85 0.30	70.11 1.91 0.29	66.94 1.05 0.00	52.54 0.78 0.00	45.50 0.64 0.92	40.81 0.66 0.93	37.28 0.45 0.63
LOWVILLE_115KV_TB2 356335	40.19 0.94 -4.26	34.85 0.84 -2.85	30.24 0.78 -0.63	28.50 0.72 -0.95	30.86 0.77 -2.41	37.53 0.98 -4.99	48.53 1.60 -6.83	54.18 1.52 -12.65	50.92 1.09 -12.16	37.94 0.55 -5.18	41.73 0.53 -8.12	42.16 0.51 -7.74	38.84 0.49 -3.04	38.63 0.15 -0.98	40.11 0.00 -1.09	45.53 0.22 -1.42	51.77 0.63 -2.83	71.88 1.19 -4.41	77.85 1.92 -7.45	74.36 2.04 -6.43	56.17 1.66 -2.76	49.30 1.60 -1.92	43.56 1.23 -1.25	39.70 0.82 -1.41
LUTHERFT_115KV_GLOB_FND_222 355753	35.70 1.05 0.34	31.88 0.84 0.11	29.67 0.84 0.00	27.60 0.78 0.00	28.39 0.72 0.00	32.35 0.88 0.10	41.07 1.32 0.35	41.43 1.68 0.26	38.28 1.28 0.66	31.99 0.93 1.16	33.51 0.83 0.40	33.85 0.78 0.83	35.15 0.78 0.93	37.53 0.86 0.83	39.32 1.05 0.75	44.02 1.45 1.33	49.05 1.74 1.00	68.77 2.72 0.23	71.35 3.08 0.22	68.13 2.24 0.00	53.47 1.71 0.00	46.45 1.37 0.70	41.60 1.23 0.70	37.92 0.94 0.48

LUTHERNY_35_KV_BK2 355980	35.73 1.08 0.34	31.92 0.87 0.11	29.67 0.84 0.00	27.60 0.78 0.00	28.42 0.75 0.00	32.35 0.88 0.10	41.07 1.32 0.35	41.47 1.72 0.26	38.28 1.28 0.66	32.02 0.97 1.16	33.51 0.83 0.40	33.89 0.81 0.83	35.15 0.78 0.93	37.57 0.90 0.83	39.36 1.09 0.75	44.02 1.45 1.33	49.10 1.79 1.00	68.77 2.72 0.23	71.41 3.15 0.22	68.19 2.31 0.00	53.52 1.76 0.00	46.50 1.42 0.70	41.60 1.23 0.70	37.95 0.97 0.48
LWR___OSWEGATCHIE_HYD 23850	44.93 0.87 -9.07	38.04 0.78 -6.10	30.55 0.66 -1.05	29.46 0.62 -2.02	33.73 0.66 -5.39	43.56 0.85 -11.14	56.12 1.36 -14.66	69.51 1.00 -28.50	65.96 0.72 -27.58	44.11 0.39 -11.51	51.77 0.40 -18.29	51.53 0.34 -17.28	41.52 0.28 -5.93	38.40 0.07 -0.82	39.86 -0.08 -0.92	45.04 -0.04 -1.19	50.73 0.05 -2.37	73.61 0.33 -7.00	80.45 0.68 -11.28	76.72 1.25 -9.58	55.26 1.19 -2.31	48.81 1.42 -1.61	43.27 1.15 -1.05	39.54 0.90 -1.18
LYONS_FALL_HYD 23570	38.71 0.81 -2.92	33.86 0.75 -1.95	29.98 0.69 -0.45	28.12 0.64 -0.65	29.99 0.69 -1.63	35.79 0.85 -3.38	46.13 1.36 -4.67	49.92 1.36 -8.55	46.89 1.02 -8.21	36.27 0.55 -3.51	39.10 0.53 -5.49	39.70 0.54 -5.25	37.96 0.53 -2.12	38.61 0.34 -0.77	40.12 0.24 -0.86	45.50 0.48 -1.12	51.41 0.87 -2.23	70.95 1.46 -3.22	76.01 2.05 -5.48	72.67 2.04 -4.74	55.54 1.61 -2.18	48.80 1.51 -1.52	43.21 1.15 -0.98	39.36 0.79 -1.11
MADISON___COUNTY_LFGE 323628	37.21 0.77 -1.45	32.86 0.75 -0.95	29.89 0.69 -0.36	27.79 0.64 -0.32	29.04 0.69 -0.68	33.84 0.85 -1.42	43.63 1.28 -2.25	44.90 1.40 -3.49	42.05 1.13 -3.26	34.40 0.68 -1.51	35.99 0.66 -2.25	36.81 0.68 -2.22	37.36 0.74 -1.31	39.24 0.75 -0.99	40.82 0.70 -1.10	46.43 1.10 -1.43	52.66 1.50 -2.85	71.28 2.25 -2.74	76.13 2.74 -4.91	72.71 2.50 -4.32	56.46 1.92 -2.78	49.28 1.56 -1.94	43.57 1.23 -1.26	39.86 0.97 -1.42
MALONE___115KV_TB1 356076	40.86 1.33 -4.54	35.38 1.15 -3.07	30.19 0.92 -0.43	28.67 0.83 -1.01	31.33 0.86 -2.79	38.39 1.07 -5.76	48.93 1.44 -7.39	55.77 0.96 -14.80	52.98 0.94 -14.38	39.04 0.90 -5.93	43.57 0.99 -9.49	43.75 0.92 -8.92	38.82 0.71 -2.80	38.06 0.56 0.00	39.45 0.43 0.00	44.03 0.13 0.00	48.22 -0.10 0.00	69.34 0.33 -2.73	72.72 0.07 -4.17	70.21 0.86 -3.46	52.43 0.67 0.00	46.69 0.92 0.00	42.02 0.94 0.00	38.40 0.94 0.00
MAPLEWOD_115KV_TB3 80458	34.93 0.24 0.30	31.15 0.09 0.10	28.98 0.14 0.00	27.04 0.21 0.00	27.79 0.11 0.00	31.60 0.13 0.09	40.03 0.24 0.30	40.73 0.96 0.24	37.88 0.83 0.61	31.82 0.68 1.07	33.34 0.63 0.37	33.78 0.64 0.77	35.01 0.56 0.86	37.37 0.64 0.77	39.14 0.82 0.70	43.73 1.05 1.22	48.22 0.82 0.92	67.19 1.13 0.21	69.38 1.10 0.20	66.15 0.26 0.00	52.02 0.26 0.00	45.32 0.18 0.64	40.63 0.21 0.65	37.09 0.07 0.44
MAPLE_RIDGE_WT_1 323574	34.67 0.00 0.32	30.94 0.00 0.22	28.80 0.00 0.03	26.78 0.03 0.07	27.48 0.00 0.20	31.19 0.03 0.40	39.62 0.04 0.52	38.93 -0.04 1.04	36.62 -0.04 1.01	31.77 -0.03 0.42	32.38 -0.03 0.66	33.25 -0.03 0.62	35.04 -0.07 0.20	37.39 -0.11 0.00	38.90 -0.12 0.00	43.76 -0.13 0.00	48.17 -0.14 0.00	65.89 -0.20 0.19	67.85 -0.34 0.29	65.32 -0.33 0.24	51.55 -0.21 0.00	45.60 -0.18 0.00	40.87 -0.20 0.00	37.27 -0.19 0.00
MAPLE_RIDGE_WT_2 323611	34.67 0.00 0.32	30.94 0.00 0.22	28.80 0.00 0.03	26.78 0.03 0.07	27.48 0.00 0.20	31.19 0.03 0.40	39.62 0.04 0.52	38.93 -0.04 1.04	36.62 -0.04 1.01	31.77 -0.03 0.42	32.38 -0.03 0.66	33.25 -0.03 0.62	35.04 -0.07 0.20	37.39 -0.11 0.00	38.90 -0.12 0.00	43.76 -0.13 0.00	48.17 -0.14 0.00	65.89 -0.20 0.19	67.85 -0.34 0.29	65.32 -0.33 0.24	51.55 -0.21 0.00	45.60 -0.18 0.00	40.87 -0.20 0.00	37.27 -0.19 0.00
MARBLE_RIVER_WT_PWR 323696	37.19 1.26 -0.95	32.92 1.12 -0.64	29.79 0.86 -0.09	27.73 0.70 -0.21	28.92 0.66 -0.58	33.56 0.79 -1.21	42.73 1.08 -1.55	43.79 0.68 -3.10	41.39 0.71 -3.01	34.29 0.84 -1.24	36.03 0.96 -1.99	36.62 0.85 -1.87	36.42 0.53 -0.59	37.80 0.30 0.00	39.10 0.08 0.00	44.07 0.18 0.00	48.65 0.34 0.00	67.78 0.93 -0.57	69.77 0.41 -0.87	67.20 0.59 -0.73	52.12 0.36 0.00	46.06 0.28 0.00	40.91 -0.16 0.00	37.42 -0.04 0.00
MARSHVLE_115KV_TB1 80742	36.90 2.10 0.18	32.87 1.78 0.06	30.50 1.67 0.00	28.35 1.53 0.00	29.28 1.61 0.00	33.47 1.96 0.05	42.75 2.85 0.19	42.71 2.84 0.14	38.85 1.54 0.35	32.24 0.64 0.62	33.30 0.43 0.21	33.87 0.41 0.44	35.27 0.46 0.49	37.58 0.52 0.44	39.28 0.66 0.40	44.41 1.23 0.71	50.00 2.22 0.54	70.73 4.57 0.12	74.39 6.03 0.12	71.09 5.21 0.00	55.64 3.88 0.00	48.65 3.25 0.38	43.49 2.79 0.38	39.45 2.25 0.26
MARSH_HILL_WT_PWR 323713	36.71 0.81 -0.92	33.11 1.37 -0.59	30.28 1.07 -0.38	27.94 0.91 -0.20	29.17 1.22 -0.28	33.70 1.51 -0.62	42.70 1.24 -1.36	42.42 1.00 -1.41	39.76 0.90 -1.19	33.61 0.68 -0.71	34.59 0.60 -0.92	35.79 0.88 -1.01	37.64 1.20 -1.14	40.03 1.20 -1.33	41.40 0.90 -1.48	47.39 1.54 -1.96	54.72 2.51 -3.90	72.59 3.18 -3.13	78.90 4.66 -5.76	74.62 3.62 -5.11	57.84 2.27 -3.80	50.17 1.74 -2.65	44.60 1.81 -1.72	41.65 2.25 -1.95
MCINTYRE_115KV_TB2 80467	50.49 1.22 -14.28	41.85 1.06 -9.64	31.17 0.89 -1.44	30.87 0.86 -3.18	37.26 0.89 -8.70	50.64 1.14 -17.94	64.93 1.64 -23.19	87.02 0.96 -46.05	83.03 0.68 -44.69	51.09 0.39 -18.49	63.05 0.43 -29.54	62.12 0.41 -27.81	44.52 0.25 -8.97	38.06 0.19 -0.38	39.52 0.08 -0.42	44.53 0.09 -0.55	49.55 0.14 -1.09	76.17 0.60 -9.30	83.77 0.82 -14.46	80.05 2.04 -12.12	54.69 1.86 -1.07	48.49 1.97 -0.74	43.20 1.64 -0.48	39.39 1.39 -0.55
MECO_____69_KV_BK1 80468	36.95 2.17 0.21	32.89 1.81 0.07	30.56 1.73 0.00	28.38 1.56 0.00	29.31 1.63 0.00	33.49 1.99 0.06	42.81 2.93 0.21	42.85 3.00 0.16	38.96 1.69 0.40	32.26 0.74 0.70	33.24 0.40 0.24	33.68 0.27 0.50	35.00 0.25 0.56	37.30 0.30 0.50	39.11 0.55 0.45	44.41 1.32 0.80	50.17 2.46 0.60	70.98 4.84 0.14	74.58 6.23 0.13	71.16 5.27 0.00	55.75 3.99 0.00	48.65 3.30 0.42	43.49 2.83 0.42	39.42 2.25 0.29
MENANDS___115KV_TB5 355628	34.72 0.03 0.30	30.96 -0.09 0.10	28.80 -0.03 0.00	26.91 0.08 0.00	27.65 -0.03 0.00	31.41 -0.06 0.09	39.75 -0.04 0.30	40.33 0.56 0.24	37.59 0.53 0.60	31.62 0.45 1.05	33.15 0.43 0.36	33.56 0.41 0.75	34.82 0.35 0.84	37.12 0.37 0.75	38.89 0.55 0.68	43.36 0.66 1.19	47.90 0.48 0.90	66.67 0.60 0.21	68.83 0.55 0.20	65.62 -0.26 0.00	51.60 -0.16 0.00	44.97 -0.18 0.63	40.32 -0.12 0.63	36.84 -0.19 0.43
MG INDUSTRY___DRP 24185	34.34 -0.49 0.16	30.57 -0.53 0.05	28.37 -0.46 0.00	26.45 -0.38 0.00	27.20 -0.47 0.00	30.98 -0.54 0.05	39.33 -0.60 0.16	39.69 -0.20 0.12	37.18 -0.23 0.26	31.44 -0.32 0.45	32.49 -0.43 0.15	33.09 -0.47 0.34	34.41 -0.53 0.36	36.65 -0.52 0.32	38.26 -0.47 0.29	42.66 -0.48 0.75	47.21 -0.63 0.47	65.51 -0.66 0.11	67.69 -0.68 0.10	64.50 -1.38 0.00	50.72 -1.04 0.00	44.58 -0.87 0.33	40.05 -0.70 0.33	36.48 -0.75 0.23

MID___OSWEGATCHIE_HYD 23849	44.93 0.87 -9.07	38.04 0.78 -6.10	30.55 0.66 -1.05	29.46 0.62 -2.02	33.73 0.66 -5.39	43.56 0.85 -11.14	56.12 1.36 -14.66	69.51 1.00 -28.50	65.96 0.72 -27.58	44.11 0.39 -11.51	51.77 0.40 -18.29	51.53 0.34 -17.28	41.52 0.28 -5.93	38.40 0.07 -0.82	39.86 -0.08 -0.92	45.04 -0.04 -1.19	50.73 0.05 -2.37	73.61 0.33 -7.00	80.45 0.68 -11.28	76.72 1.25 -9.58	55.26 1.19 -2.31	48.81 1.42 -1.61	43.27 1.15 -1.05	39.54 0.90 -1.18
MID___RAQUETTE_HYD 23851	48.68 0.87 -12.82	40.55 0.75 -8.65	30.76 0.61 -1.32	30.27 0.59 -2.86	36.07 0.61 -7.79	48.42 0.79 -16.07	62.04 1.12 -20.82	81.79 0.56 -41.22	78.11 0.45 -39.99	49.10 0.32 -16.56	59.89 0.36 -26.45	59.15 0.34 -24.91	43.58 0.18 -8.10	38.02 0.07 -0.44	39.47 -0.04 -0.49	44.45 -0.09 -0.64	49.30 -0.29 -1.27	74.49 -0.33 -8.54	81.36 -0.48 -13.35	77.69 0.59 -11.21	53.78 0.78 -1.24	47.74 1.10 -0.87	42.67 1.03 -0.56	39.00 0.90 -0.64
MILLIKEN___1 23584	36.96 0.63 -1.35	32.73 0.72 -0.86	30.00 0.61 -0.56	27.63 0.51 -0.30	28.70 0.61 -0.41	33.23 0.76 -0.91	43.04 0.96 -1.99	43.11 1.08 -2.02	40.28 0.90 -1.71	33.85 0.61 -1.02	34.96 0.56 -1.32	35.96 0.61 -1.44	37.68 0.74 -1.63	40.20 0.79 -1.91	41.93 0.78 -2.13	47.89 1.19 -2.81	55.64 1.74 -5.59	73.29 2.52 -4.49	79.83 3.08 -8.27	75.79 2.57 -7.34	58.92 1.71 -5.45	50.82 1.24 -3.80	44.61 1.07 -2.47	41.26 1.01 -2.79
MILLIKEN___2 23585	36.96 0.63 -1.35	32.73 0.72 -0.86	30.00 0.61 -0.56	27.63 0.51 -0.30	28.70 0.61 -0.41	33.23 0.76 -0.91	43.04 0.96 -1.99	43.11 1.08 -2.02	40.28 0.90 -1.71	33.85 0.61 -1.02	34.96 0.56 -1.32	35.96 0.61 -1.44	37.68 0.74 -1.63	40.20 0.79 -1.91	41.93 0.78 -2.13	47.89 1.19 -2.81	55.64 1.74 -5.59	73.29 2.52 -4.49	79.83 3.08 -8.27	75.79 2.57 -7.34	58.92 1.71 -5.45	50.82 1.24 -3.80	44.61 1.07 -2.47	41.26 1.01 -2.79
MILLIKEN___DIESEL 23629	36.96 0.63 -1.35	32.73 0.72 -0.86	30.00 0.61 -0.56	27.63 0.51 -0.30	28.70 0.61 -0.41	33.23 0.76 -0.91	43.04 0.96 -1.99	43.11 1.08 -2.02	40.28 0.90 -1.71	33.85 0.61 -1.02	34.96 0.56 -1.32	35.96 0.61 -1.44	37.68 0.74 -1.63	40.20 0.79 -1.91	41.93 0.78 -2.13	47.89 1.19 -2.81	55.64 1.74 -5.59	73.29 2.52 -4.49	79.83 3.08 -8.27	75.79 2.57 -7.34	58.92 1.71 -5.45	50.82 1.24 -3.80	44.61 1.07 -2.47	41.26 1.01 -2.79
MILLSEAT___LFGE 323607	35.99 0.28 -0.73	32.77 1.15 -0.46	29.97 0.84 -0.30	27.68 0.70 -0.16	28.84 0.94 -0.22	33.22 1.17 -0.49	41.65 0.48 -1.07	41.16 0.00 -1.15	39.01 0.38 -0.97	33.21 0.42 -0.58	34.12 0.30 -0.75	35.57 0.85 -0.82	37.39 1.16 -0.92	39.63 1.05 -1.09	40.77 0.55 -1.21	46.62 1.14 -1.59	53.50 2.03 -3.16	71.00 2.18 -2.54	76.44 3.29 -4.68	72.14 2.11 -4.15	55.93 1.09 -3.09	48.89 0.96 -2.15	43.79 1.31 -1.40	41.17 2.13 -1.58
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	36.74 1.36 -0.39	32.31 1.03 -0.13	29.76 0.92 0.00	27.60 0.78 0.00	28.45 0.77 0.00	32.53 0.85 -0.11	41.66 1.16 -0.40	42.39 2.08 -0.30	40.74 2.22 -0.86	35.92 2.19 -1.51	36.05 2.45 -0.52	37.96 2.51 -1.54	39.09 2.58 -1.21	41.39 2.81 -1.08	43.28 3.00 -1.26	48.46 2.81 -1.75	52.19 2.56 -1.32	69.70 3.12 -0.31	71.78 3.01 -0.29	67.47 1.58 0.00	52.95 1.19 0.00	47.90 1.19 -0.93	43.28 1.27 -0.93	39.22 1.12 -0.63
MILLWOOD_13_KV_LOAD 356217	36.81 1.43 -0.39	32.37 1.09 -0.13	29.81 0.98 0.00	27.66 0.83 0.00	28.50 0.83 0.00	32.59 0.92 -0.11	41.74 1.24 -0.40	42.47 2.16 -0.30	40.82 2.30 -0.86	35.95 2.22 -1.51	36.08 2.48 -0.52	38.03 2.58 -1.54	39.13 2.61 -1.21	41.46 2.89 -1.08	43.36 3.08 -1.26	48.59 2.94 -1.75	52.34 2.71 -1.32	69.90 3.31 -0.31	71.99 3.22 -0.29	67.67 1.78 0.00	53.11 1.35 0.00	47.99 1.28 -0.93	43.40 1.40 -0.93	39.29 1.20 -0.63
MODEL_CITY_ENERGY 24167	35.26 -0.46 -0.73	32.21 0.59 -0.47	29.45 0.32 -0.30	27.18 0.19 -0.16	28.34 0.44 -0.22	32.59 0.54 -0.49	40.53 -0.64 -1.08	39.88 -1.28 -1.16	38.00 -0.64 -0.98	32.48 -0.32 -0.59	33.44 -0.40 -0.75	34.84 0.10 -0.83	36.59 0.35 -0.93	38.78 0.19 -1.10	39.85 -0.39 -1.22	45.54 0.04 -1.61	52.18 0.68 -3.19	68.78 -0.07 -2.57	74.09 0.89 -4.72	69.69 -0.39 -4.19	54.20 -0.67 -3.12	47.58 -0.37 -2.17	42.69 0.21 -1.41	40.33 1.27 -1.60
MODERN_LFGE___ 323580	35.26 -0.46 -0.73	32.21 0.59 -0.47	29.45 0.32 -0.30	27.18 0.19 -0.16	28.34 0.44 -0.22	32.59 0.54 -0.49	40.53 -0.64 -1.08	39.88 -1.28 -1.16	38.00 -0.64 -0.98	32.48 -0.32 -0.59	33.44 -0.40 -0.75	34.84 0.10 -0.83	36.59 0.35 -0.93	38.78 0.19 -1.10	39.85 -0.39 -1.22	45.54 0.04 -1.61	52.18 0.68 -3.19	68.78 -0.07 -2.57	74.09 0.89 -4.72	69.69 -0.39 -4.19	54.20 -0.67 -3.12	47.58 -0.37 -2.17	42.69 0.21 -1.41	40.33 1.27 -1.60
MOHAWK_PAPER___DRP 24187	34.93 0.24 0.30	31.15 0.09 0.10	28.98 0.14 0.00	27.04 0.21 0.00	27.79 0.11 0.00	31.60 0.13 0.09	40.03 0.24 0.30	40.73 0.96 0.24	37.88 0.83 0.61	31.82 0.68 1.07	33.34 0.63 0.37	33.78 0.64 0.77	35.01 0.56 0.86	37.37 0.64 0.77	39.14 0.82 0.70	43.73 1.05 1.22	48.22 0.82 0.92	67.19 1.13 0.21	69.38 1.10 0.20	66.15 0.26 0.00	52.02 0.26 0.00	45.32 0.18 0.64	40.63 0.21 0.65	37.09 0.07 0.44
MOHICAN___35_KV_115KV_LD 80490	35.70 1.05 0.33	31.92 0.87 0.11	29.67 0.84 0.00	27.60 0.78 0.00	28.42 0.75 0.00	32.41 0.95 0.10	41.24 1.48 0.34	41.59 1.84 0.26	38.26 1.24 0.65	31.92 0.84 1.13	33.35 0.66 0.39	33.67 0.58 0.81	34.93 0.53 0.91	37.32 0.64 0.81	39.14 0.86 0.74	43.91 1.32 1.30	49.12 1.79 0.98	69.04 2.98 0.23	71.83 3.56 0.21	68.52 2.64 0.00	53.73 1.97 0.00	46.65 1.56 0.69	41.70 1.31 0.69	37.96 0.97 0.47
MONGAUP___HYD 23641	36.69 1.36 -0.34	32.29 1.03 -0.11	29.76 0.92 0.00	27.63 0.80 0.00	28.48 0.80 0.00	32.54 0.88 -0.10	41.76 1.32 -0.35	42.35 2.08 -0.26	40.42 1.99 -0.76	35.29 1.74 -1.34	35.39 1.85 -0.46	36.90 1.83 -1.16	38.32 1.94 -1.07	40.63 2.17 -0.96	42.39 2.38 -0.99	47.87 2.41 -1.56	51.95 2.46 -1.17	70.00 3.44 -0.27	72.23 3.49 -0.26	68.13 2.24 0.00	53.37 1.61 0.00	48.07 1.46 -0.82	43.38 1.48 -0.83	39.30 1.27 -0.56
MONTAUK___DIESEL 23721	37.55 2.17 -0.39	32.66 1.37 -0.13	29.78 0.95 0.00	27.42 0.59 0.00	28.17 0.50 0.00	32.43 0.76 -0.11	41.40 0.84 -0.46	42.96 2.52 -0.43	41.13 2.49 -0.98	36.63 2.90 -1.52	37.36 3.74 -0.54	40.17 3.97 -2.30	40.59 3.85 -1.44	42.97 4.31 -1.16	45.55 4.80 -1.73	49.62 3.95 -1.78	53.58 3.53 -1.74	70.70 3.65 -0.77	72.60 3.70 -0.42	67.87 2.04 0.06	54.19 1.97 -0.47	48.35 1.65 -0.92	44.22 2.14 -1.01	39.59 1.50 -0.64
MOONROAD_115KV_HARTFLD_TB1-2 355988	36.76 1.01 -0.76	33.48 1.84 -0.48	30.53 1.38 -0.31	28.15 1.15 -0.17	29.43 1.52 -0.23	34.00 1.93 -0.51	42.90 1.68 -1.12	42.48 1.28 -1.19	40.14 1.47 -1.01	34.27 1.45 -0.60	35.34 1.49 -0.78	36.66 1.90 -0.85	38.85 2.58 -0.96	41.10 2.47 -1.13	42.27 1.99 -1.26	48.45 2.90 -1.66	55.71 4.11 -3.30	73.70 4.77 -2.65	79.18 5.82 -4.87	74.36 4.15 -4.33	57.31 2.33 -3.22	50.08 2.06 -2.24	44.71 2.18 -1.45	41.88 2.77 -1.65

MORRIS RIDGE___SOLAR 323848	36.25 0.42 -0.85	32.75 1.06 -0.54	29.96 0.78 -0.35	27.63 0.62 -0.19	28.82 0.89 -0.26	33.24 1.10 -0.57	41.91 0.56 -1.25	41.60 0.28 -1.31	39.07 0.30 -1.11	33.07 0.19 -0.66	34.06 0.13 -0.85	35.28 0.44 -0.93	37.10 0.74 -1.05	39.41 0.68 -1.24	40.71 0.31 -1.38	46.50 0.79 -1.82	53.52 1.59 -3.61	71.11 1.92 -2.90	77.11 3.29 -5.34	72.80 2.17 -4.74	56.53 1.24 -3.53	49.20 0.96 -2.46	43.82 1.15 -1.60	41.03 1.76 -1.81
MORTIMER_115KV_TB3 55949	35.77 0.07 -0.71	32.17 0.56 -0.45	29.50 0.37 -0.29	27.28 0.30 -0.16	28.34 0.44 -0.22	32.64 0.60 -0.48	41.46 0.32 -1.05	41.32 0.20 -1.11	39.02 0.41 -0.94	33.16 0.39 -0.56	34.10 0.30 -0.72	35.17 0.47 -0.79	37.15 0.95 -0.89	39.41 0.86 -1.05	40.69 0.51 -1.17	46.40 0.97 -1.54	53.06 1.69 -3.05	71.19 2.45 -2.45	76.01 3.01 -4.52	72.20 2.31 -4.01	55.93 1.19 -2.98	48.77 0.92 -2.08	43.41 0.99 -1.35	40.48 1.50 -1.53
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	37.02 1.64 -0.39	32.56 1.28 -0.13	29.96 1.12 0.00	27.79 0.97 0.00	28.62 0.94 0.00	32.75 1.07 -0.11	42.00 1.44 -0.46	42.84 2.40 -0.43	41.28 2.64 -0.98	36.29 2.55 -1.53	36.46 2.84 -0.54	39.54 2.92 -2.72	39.73 3.00 -1.42	41.92 3.26 -1.16	44.40 3.43 -1.95	48.93 3.25 -1.79	53.05 3.00 -1.75	70.63 3.58 -0.78	72.33 3.42 -0.43	68.20 1.91 -0.41	53.62 1.40 -0.47	48.13 1.42 -0.93	43.64 1.56 -1.00	39.44 1.35 -0.64
MUNSVILLE_WIND_PWR 323609	38.24 2.31 -0.94	33.97 2.21 -0.60	31.24 2.02 -0.39	28.86 1.83 -0.21	29.98 2.02 -0.29	34.63 2.43 -0.64	44.98 3.49 -1.39	44.94 3.56 -1.38	41.83 2.86 -1.30	34.98 1.77 -0.99	35.77 1.72 -0.97	36.88 1.80 -1.17	38.57 1.94 -1.32	41.04 2.06 -1.48	42.61 1.99 -1.60	48.97 2.85 -2.22	56.52 4.10 -4.10	75.69 6.23 -3.18	82.03 7.74 -5.81	77.99 6.98 -5.12	60.85 5.28 -3.81	53.06 4.49 -2.79	46.64 3.70 -1.86	42.54 3.03 -2.04
N SALMON___HYD 24042	40.86 1.33 -4.54	35.38 1.15 -3.07	30.19 0.92 -0.43	28.67 0.83 -1.01	31.33 0.86 -2.79	38.39 1.07 -5.76	48.93 1.44 -7.39	55.76 0.96 -14.80	52.98 0.94 -14.38	39.04 0.90 -5.93	43.56 0.99 -9.49	43.75 0.92 -8.92	38.82 0.71 -2.80	38.06 0.56 0.00	39.45 0.43 0.00	44.46 0.57 0.00	48.99 0.68 0.00	70.33 1.33 -2.73	73.74 1.09 -4.17	71.19 1.84 -3.46	53.26 1.50 0.00	47.24 1.46 0.00	42.02 0.95 0.00	38.40 0.94 0.00
N.AKRON__115KV_KNAPP 355671	35.96 0.24 -0.73	32.77 1.15 -0.46	29.97 0.84 -0.30	27.66 0.67 -0.16	28.84 0.94 -0.22	33.19 1.14 -0.49	41.57 0.40 -1.07	41.04 -0.12 -1.15	38.97 0.34 -0.97	33.18 0.39 -0.58	34.09 0.26 -0.75	35.24 0.51 -0.82	37.36 1.13 -0.93	39.56 0.97 -1.09	40.66 0.43 -1.21	46.50 1.01 -1.59	53.41 1.93 -3.17	71.41 2.58 -2.54	76.52 3.36 -4.68	72.22 2.17 -4.16	55.89 1.04 -3.09	48.85 0.92 -2.15	43.71 1.23 -1.40	41.14 2.10 -1.58
N.E_GEN_SANDY PD 24062	32.66 0.66 2.99	30.60 0.44 0.99	29.27 0.43 0.00	27.28 0.46 0.00	28.03 0.36 0.00	31.04 0.35 0.87	37.56 0.52 3.06	38.92 1.24 2.33	33.22 1.32 5.76	26.51 1.29 7.00	27.81 1.29 6.56	27.94 1.29 7.25	28.55 1.34 8.10	31.74 1.46 7.22	34.07 1.60 6.55	33.83 1.58 11.64	40.90 1.35 8.76	65.97 1.72 2.03	68.15 1.58 1.91	66.40 0.52 0.01	52.12 0.36 0.00	40.01 0.36 6.13	35.37 0.49 6.20	33.67 0.41 4.20
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	36.69 1.33 -0.37	32.28 1.00 -0.12	29.73 0.89 0.00	27.60 0.78 0.00	28.45 0.77 0.00	32.52 0.85 -0.11	41.64 1.16 -0.38	42.38 2.08 -0.29	40.71 2.22 -0.83	35.82 2.16 -1.45	35.99 2.41 -0.50	37.78 2.48 -1.40	39.01 2.54 -1.16	41.31 2.77 -1.04	43.18 3.00 -1.15	48.43 2.85 -1.69	52.24 2.66 -1.27	69.82 3.25 -0.29	71.91 3.15 -0.28	67.67 1.78 0.00	53.00 1.24 0.00	47.91 1.24 -0.89	43.28 1.31 -0.89	39.19 1.12 -0.61
N.QUEENS_27_KV_LOAD 356247	37.62 2.24 -0.40	33.07 1.78 -0.14	30.28 1.44 -0.01	28.09 1.26 -0.01	28.93 1.25 -0.01	33.10 1.42 -0.12	42.56 1.96 -0.50	43.48 2.96 -0.51	41.84 3.13 -1.05	36.68 2.93 -1.53	36.80 3.18 -0.54	39.82 3.12 -2.80	40.16 3.32 -1.54	42.38 3.67 -1.20	44.60 3.59 -1.99	49.38 3.69 -1.80	53.56 3.29 -1.97	71.34 4.04 -1.02	72.89 3.90 -0.51	68.75 2.24 -0.62	54.07 1.60 -0.71	48.55 1.83 -0.94	44.22 2.09 -1.05	40.01 1.91 -0.64
N.TROY___115KV_TB1 355778	35.21 0.66 0.44	31.48 0.47 0.15	29.32 0.49 0.00	27.31 0.48 0.00	28.09 0.42 0.00	31.91 0.47 0.13	40.36 0.72 0.45	40.90 1.24 0.35	37.89 1.09 0.87	31.63 0.93 1.52	33.39 0.83 0.52	33.63 0.81 1.09	34.90 0.81 1.22	37.31 0.90 1.09	39.08 1.05 0.99	43.47 1.32 1.74	48.35 1.35 1.31	67.83 1.86 0.30	70.18 1.99 0.29	67.00 1.12 0.00	52.64 0.88 0.00	45.59 0.73 0.92	40.81 0.66 0.93	37.32 0.49 0.63
NARROWS_GT1_1 24228	37.52 2.13 -0.40	33.01 1.71 -0.14	30.31 1.47 -0.01	28.07 1.23 -0.01	28.93 1.25 -0.01	33.11 1.42 -0.12	41.77 1.92 0.25	41.71 2.80 1.10	40.31 3.05 0.40	36.51 2.77 -1.53	36.69 3.08 -0.54	36.73 2.95 0.13	38.56 3.46 0.20	41.48 3.64 -0.35	42.33 3.71 0.40	48.89 3.43 -1.56	48.06 2.90 3.15	65.37 3.78 4.69	70.78 3.49 1.20	62.75 1.97 5.11	47.21 1.34 5.89	48.36 1.65 -0.93	43.14 1.89 -0.18	39.78 1.69 -0.64
NARROWS_GT1_2 24229	37.52 2.13 -0.40	33.01 1.71 -0.14	30.31 1.47 -0.01	28.07 1.23 -0.01	28.93 1.25 -0.01	33.11 1.42 -0.12	41.77 1.92 0.25	41.71 2.80 1.10	40.31 3.05 0.40	36.51 2.77 -1.53	36.69 3.08 -0.54	36.73 2.95 0.13	38.56 3.46 0.20	41.48 3.64 -0.35	42.33 3.71 0.40	48.89 3.43 -1.56	48.06 2.90 3.15	65.37 3.78 4.69	70.78 3.49 1.20	62.75 1.97 5.11	47.21 1.34 5.89	48.36 1.65 -0.93	43.14 1.89 -0.18	39.78 1.69 -0.64
NARROWS_GT1_3 24230	37.52 2.13 -0.40	33.01 1.71 -0.14	30.31 1.47 -0.01	28.07 1.23 -0.01	28.93 1.25 -0.01	33.11 1.42 -0.12	41.77 1.92 0.25	41.71 2.80 1.10	40.31 3.05 0.40	36.51 2.77 -1.53	36.69 3.08 -0.54	36.73 2.95 0.13	38.56 3.46 0.20	41.48 3.64 -0.35	42.33 3.71 0.40	48.89 3.43 -1.56	48.06 2.90 3.15	65.37 3.78 4.69	70.78 3.49 1.20	62.75 1.97 5.11	47.21 1.34 5.89	48.36 1.65 -0.93	43.14 1.89 -0.18	39.78 1.69 -0.64
NARROWS_GT1_4 24231	37.52 2.13 -0.40	33.01 1.71 -0.14	30.31 1.47 -0.01	28.07 1.23 -0.01	28.93 1.25 -0.01	33.11 1.42 -0.12	41.77 1.92 0.25	41.71 2.80 1.10	40.31 3.05 0.40	36.51 2.77 -1.53	36.69 3.08 -0.54	36.73 2.95 0.13	38.56 3.46 0.20	41.48 3.64 -0.35	42.33 3.71 0.40	48.89 3.43 -1.56	48.06 2.90 3.15	65.37 3.78 4.69	70.78 3.49 1.20	62.75 1.97 5.11	47.21 1.34 5.89	48.36 1.65 -0.93	43.14 1.89 -0.18	39.78 1.69 -0.64
NARROWS_GT1_5 24232	37.52 2.13 -0.40	33.01 1.71 -0.14	30.31 1.47 -0.01	28.07 1.23 -0.01	28.93 1.25 -0.01	33.11 1.42 -0.12	41.77 1.92 0.25	41.71 2.80 1.10	40.31 3.05 0.40	36.51 2.77 -1.53	36.69 3.08 -0.54	36.73 2.95 0.13	38.56 3.46 0.20	41.48 3.64 -0.35	42.33 3.71 0.40	48.89 3.43 -1.56	48.06 2.90 3.15	65.37 3.78 4.69	70.78 3.49 1.20	62.75 1.97 5.11	47.21 1.34 5.89	48.36 1.65 -0.93	43.14 1.89 -0.18	39.78 1.69 -0.64

NARROWS_GT1_6 24233	37.52 2.13 -0.40	33.01 1.71 -0.14	30.31 1.47 -0.01	28.07 1.23 -0.01	28.93 1.25 -0.01	33.11 1.42 -0.12	41.77 1.92 0.25	41.71 2.80 1.10	40.31 3.05 0.40	36.51 2.77 -1.53	36.69 3.08 -0.54	36.73 2.95 0.13	38.56 3.46 0.20	41.48 3.64 -0.35	42.33 3.71 0.40	48.89 3.43 -1.56	48.06 2.90 3.15	65.37 3.78 4.69	70.78 3.49 1.20	62.75 1.97 5.11	47.21 1.34 5.89	48.36 1.65 -0.93	43.14 1.89 -0.18	39.78 1.69 -0.64
NARROWS_GT1_7 24234	37.52 2.13 -0.40	33.01 1.71 -0.14	30.31 1.47 -0.01	28.07 1.23 -0.01	28.93 1.25 -0.01	33.11 1.42 -0.12	41.77 1.92 0.25	41.71 2.80 1.10	40.31 3.05 0.40	36.51 2.77 -1.53	36.69 3.08 -0.54	36.73 2.95 0.13	38.56 3.46 0.20	41.48 3.64 -0.35	42.33 3.71 0.40	48.89 3.43 -1.56	48.06 2.90 3.15	65.37 3.78 4.69	70.78 3.49 1.20	62.75 1.97 5.11	47.21 1.34 5.89	48.36 1.65 -0.93	43.14 1.89 -0.18	39.78 1.69 -0.64
NARROWS_GT1_8 24235	37.52 2.13 -0.40	33.01 1.71 -0.14	30.31 1.47 -0.01	28.07 1.23 -0.01	28.93 1.25 -0.01	33.11 1.42 -0.12	41.77 1.92 0.25	41.71 2.80 1.10	40.31 3.05 0.40	36.51 2.77 -1.53	36.69 3.08 -0.54	36.73 2.95 0.13	38.56 3.46 0.20	41.48 3.64 -0.35	42.33 3.71 0.40	48.89 3.43 -1.56	48.06 2.90 3.15	65.37 3.78 4.69	70.78 3.49 1.20	62.75 1.97 5.11	47.21 1.34 5.89	48.36 1.65 -0.93	43.14 1.89 -0.18	39.78 1.69 -0.64
NARROWS_GT2_1 24236	37.52 2.13 -0.40	33.01 1.71 -0.14	30.31 1.47 -0.01	28.07 1.23 -0.01	28.93 1.25 -0.01	33.11 1.42 -0.12	46.17 1.92 -4.15	51.22 2.80 -8.41	48.92 3.05 -8.21	36.51 2.77 -1.53	36.69 3.08 -0.54	60.78 2.95 -23.93	53.35 3.46 -14.58	46.51 3.64 -5.37	56.22 3.71 -13.49	50.20 3.43 -2.88	78.68 2.90 -27.47	99.56 3.78 -29.50	80.89 3.49 -8.91	91.42 1.97 -23.56	80.24 1.34 -27.13	48.36 1.65 -0.93	48.27 1.89 -5.31	39.78 1.69 -0.64
NARROWS_GT2_2 24237	37.52 2.13 -0.40	33.01 1.71 -0.14	30.31 1.47 -0.01	28.07 1.23 -0.01	28.93 1.25 -0.01	33.11 1.42 -0.12	46.17 1.92 -4.15	51.22 2.80 -8.41	48.92 3.05 -8.21	36.51 2.77 -1.53	36.69 3.08 -0.54	60.78 2.95 -23.93	53.35 3.46 -14.58	46.51 3.64 -5.37	56.22 3.71 -13.49	50.20 3.43 -2.88	78.68 2.90 -27.47	99.56 3.78 -29.50	80.89 3.49 -8.91	91.42 1.97 -23.56	80.24 1.34 -27.13	48.36 1.65 -0.93	48.27 1.89 -5.31	39.78 1.69 -0.64
NARROWS_GT2_3 24238	37.52 2.13 -0.40	33.01 1.71 -0.14	30.31 1.47 -0.01	28.07 1.23 -0.01	28.93 1.25 -0.01	33.11 1.42 -0.12	46.17 1.92 -4.15	51.22 2.80 -8.41	48.92 3.05 -8.21	36.51 2.77 -1.53	36.69 3.08 -0.54	60.78 2.95 -23.93	53.35 3.46 -14.58	46.51 3.64 -5.37	56.22 3.71 -13.49	50.20 3.43 -2.88	78.68 2.90 -27.47	99.56 3.78 -29.50	80.89 3.49 -8.91	91.42 1.97 -23.56	80.24 1.34 -27.13	48.36 1.65 -0.93	48.27 1.89 -5.31	39.78 1.69 -0.64
NARROWS_GT2_4 24239	37.52 2.13 -0.40	33.01 1.71 -0.14	30.31 1.47 -0.01	28.07 1.23 -0.01	28.93 1.25 -0.01	33.11 1.42 -0.12	46.17 1.92 -4.15	51.22 2.80 -8.41	48.92 3.05 -8.21	36.51 2.77 -1.53	36.69 3.08 -0.54	60.78 2.95 -23.93	53.35 3.46 -14.58	46.51 3.64 -5.37	56.22 3.71 -13.49	50.20 3.43 -2.88	78.68 2.90 -27.47	99.56 3.78 -29.50	80.89 3.49 -8.91	91.42 1.97 -23.56	80.24 1.34 -27.13	48.36 1.65 -0.93	48.27 1.89 -5.31	39.78 1.69 -0.64
NARROWS_GT2_5 24240	37.52 2.13 -0.40	33.01 1.71 -0.14	30.31 1.47 -0.01	28.07 1.23 -0.01	28.93 1.25 -0.01	33.11 1.42 -0.12	46.17 1.92 -4.15	51.22 2.80 -8.41	48.92 3.05 -8.21	36.51 2.77 -1.53	36.69 3.08 -0.54	60.78 2.95 -23.93	53.35 3.46 -14.58	46.51 3.64 -5.37	56.22 3.71 -13.49	50.20 3.43 -2.88	78.68 2.90 -27.47	99.56 3.78 -29.50	80.89 3.49 -8.91	91.42 1.97 -23.56	80.24 1.34 -27.13	48.36 1.65 -0.93	48.27 1.89 -5.31	39.78 1.69 -0.64
NARROWS_GT2_6 24241	37.52 2.13 -0.40	33.01 1.71 -0.14	30.31 1.47 -0.01	28.07 1.23 -0.01	28.93 1.25 -0.01	33.11 1.42 -0.12	46.17 1.92 -4.15	51.22 2.80 -8.41	48.92 3.05 -8.21	36.51 2.77 -1.53	36.69 3.08 -0.54	60.78 2.95 -23.93	53.35 3.46 -14.58	46.51 3.64 -5.37	56.22 3.71 -13.49	50.20 3.43 -2.88	78.68 2.90 -27.47	99.56 3.78 -29.50	80.89 3.49 -8.91	91.42 1.97 -23.56	80.24 1.34 -27.13	48.36 1.65 -0.93	48.27 1.89 -5.31	39.78 1.69 -0.64
NARROWS_GT2_7 24242	37.52 2.13 -0.40	33.01 1.71 -0.14	30.31 1.47 -0.01	28.07 1.23 -0.01	28.93 1.25 -0.01	33.11 1.42 -0.12	46.17 1.92 -4.15	51.22 2.80 -8.41	48.92 3.05 -8.21	36.51 2.77 -1.53	36.69 3.08 -0.54	60.78 2.95 -23.93	53.35 3.46 -14.58	46.51 3.64 -5.37	56.22 3.71 -13.49	50.20 3.43 -2.88	78.68 2.90 -27.47	99.56 3.78 -29.50	80.89 3.49 -8.91	91.42 1.97 -23.56	80.24 1.34 -27.13	48.36 1.65 -0.93	48.27 1.89 -5.31	39.78 1.69 -0.64
NARROWS_GT2_8 24243	37.52 2.13 -0.40	33.01 1.71 -0.14	30.31 1.47 -0.01	28.07 1.23 -0.01	28.93 1.25 -0.01	33.11 1.42 -0.12	46.17 1.92 -4.15	51.22 2.80 -8.41	48.92 3.05 -8.21	36.51 2.77 -1.53	36.69 3.08 -0.54	60.78 2.95 -23.93	53.35 3.46 -14.58	46.51 3.64 -5.37	56.22 3.71 -13.49	50.20 3.43 -2.88	78.68 2.90 -27.47	99.56 3.78 -29.50	80.89 3.49 -8.91	91.42 1.97 -23.56	80.24 1.34 -27.13	48.36 1.65 -0.93	48.27 1.89 -5.31	39.78 1.69 -0.64
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	35.40 0.52 0.11	31.43 0.31 0.04	28.95 0.12 0.00	26.99 0.16 0.00	27.76 0.08 0.00	31.88 0.35 0.03	40.66 0.68 0.12	41.12 1.20 0.08	38.79 1.13 0.00	32.83 0.61 0.00	33.51 0.43 0.00	34.26 0.37 0.02	35.66 0.35 0.00	37.99 0.49 0.00	39.49 0.47 0.00	44.14 0.83 0.59	49.08 1.06 0.30	68.13 1.92 0.07	70.61 2.19 0.07	66.48 0.59 0.00	52.23 0.47 0.00	46.30 0.73 0.21	41.44 0.58 0.21	37.65 0.34 0.14
NCHELSEA_115KV_TR2 355582	36.69 1.40 -0.30	32.31 1.06 -0.10	29.78 0.95 0.00	27.68 0.86 0.00	28.50 0.83 0.00	32.57 0.92 -0.09	41.73 1.32 -0.31	42.45 2.16 -0.28	40.74 2.26 -0.82	35.71 2.06 -1.44	35.82 2.25 -0.49	37.24 2.31 -1.03	38.86 2.40 -1.15	41.19 2.66 -1.03	42.80 2.85 -0.93	48.42 2.85 -1.67	52.37 2.80 -1.26	70.15 3.58 -0.29	72.32 3.56 -0.27	68.06 2.17 0.00	53.36 1.60 0.00	48.17 1.51 -0.88	43.44 1.48 -0.88	39.34 1.27 -0.60
NEG CAPITAL___MECHNVIL 23645	35.73 1.12 0.38	31.90 0.87 0.13	29.70 0.86 0.00	27.63 0.80 0.00	28.42 0.75 0.00	32.37 0.92 0.11	41.07 1.36 0.39	41.47 1.76 0.29	38.32 1.39 0.74	31.98 1.06 1.30	33.56 0.92 0.44	33.86 0.88 0.93	35.18 0.92 1.04	37.58 1.01 0.93	39.39 1.21 0.84	43.99 1.58 1.48	49.03 1.84 1.12	68.87 2.85 0.26	71.39 3.15 0.24	68.19 2.30 0.00	53.47 1.71 0.00	46.41 1.42 0.78	41.56 1.27 0.79	37.90 0.97 0.54
NEG CENTRAL_HIGH_ACRES 23767	35.25 -0.59 -0.86	31.55 -0.16 -0.54	28.93 -0.26 -0.35	26.75 -0.27 -0.19	27.77 -0.17 -0.26	32.05 -0.09 -0.58	40.96 -0.40 -1.26	43.03 1.36 -1.66	40.24 1.17 -1.41	33.89 0.84 -0.84	34.95 0.79 -1.08	36.14 1.05 -1.19	37.95 1.31 -1.34	40.49 1.42 -1.57	42.09 1.33 -1.75	48.21 2.02 -2.29	55.82 2.95 -4.56	73.72 3.78 -3.67	80.02 4.79 -6.75	76.22 4.35 -5.99	58.90 2.69 -4.45	50.72 1.83 -3.10	44.69 1.60 -2.01	41.46 1.72 -2.28

NEG CENTRAL___DRP 24199	36.94 0.28 -1.68	32.73 0.50 -1.08	29.86 0.40 -0.62	27.52 0.32 -0.37	28.70 0.44 -0.59	33.43 0.60 -1.27	43.21 0.60 -2.51	43.63 0.64 -2.99	40.86 0.56 -2.63	34.10 0.45 -1.43	35.41 0.40 -1.93	36.43 0.47 -2.05	37.95 0.71 -1.93	40.20 0.60 -2.10	41.86 0.51 -2.33	47.88 0.92 -3.06	55.95 1.55 -6.09	73.50 2.19 -5.04	80.31 2.60 -9.22	76.24 2.17 -8.18	59.00 1.29 -5.94	50.75 0.82 -4.14	44.50 0.74 -2.69	41.40 0.90 -3.04
NEG CENTRAL___INDECK 23768	37.06 1.26 -0.82	33.39 1.71 -0.52	30.59 1.41 -0.34	28.24 1.23 -0.18	29.39 1.47 -0.25	33.98 1.86 -0.55	43.27 1.96 -1.21	43.08 1.80 -1.27	40.32 1.58 -1.08	33.98 1.13 -0.64	34.80 0.89 -0.83	36.00 1.19 -0.91	37.78 1.45 -1.02	40.20 1.50 -1.20	41.60 1.25 -1.34	47.72 2.06 -1.76	55.05 3.24 -3.50	73.73 4.64 -2.82	79.89 6.23 -5.18	75.95 5.47 -4.60	58.75 3.57 -3.42	50.91 2.75 -2.38	45.25 2.63 -1.55	42.17 2.96 -1.75
NEG CENTRAL___SENECA 23627	36.57 0.49 -1.09	32.63 0.78 -0.70	29.89 0.61 -0.45	27.58 0.51 -0.24	28.70 0.69 -0.34	33.21 0.92 -0.74	42.55 0.84 -1.61	42.59 0.88 -1.70	39.89 0.79 -1.44	33.75 0.68 -0.86	34.81 0.63 -1.11	35.83 0.71 -1.21	37.70 1.02 -1.37	39.97 0.86 -1.61	41.55 0.74 -1.79	47.47 1.23 -2.35	55.06 2.08 -4.67	72.95 2.92 -3.76	78.82 3.42 -6.91	74.99 2.96 -6.14	58.13 1.81 -4.56	50.19 1.24 -3.18	44.25 1.11 -2.06	41.11 1.31 -2.34
NEG CENTRAL___STATE_STREET 24147	37.09 0.17 -1.93	32.71 0.31 -1.24	29.78 0.23 -0.72	27.44 0.19 -0.43	28.62 0.28 -0.67	33.36 0.35 -1.45	43.43 0.44 -2.89	43.96 0.56 -3.39	41.10 0.45 -2.99	34.14 0.29 -1.63	35.54 0.26 -2.20	36.54 0.31 -2.33	37.99 0.46 -2.23	40.38 0.45 -2.43	42.15 0.43 -2.70	48.19 0.75 -3.55	56.57 1.21 -7.05	73.82 1.72 -5.82	81.27 2.12 -10.66	77.12 1.78 -9.45	59.68 1.04 -6.88	51.22 0.64 -4.80	44.72 0.53 -3.11	41.55 0.56 -3.52
NEG MILLWOOD___DRP 24198	36.86 1.54 -0.34	32.48 1.22 -0.11	29.90 1.07 0.00	27.76 0.94 0.00	28.59 0.91 0.00	32.73 1.07 -0.10	41.96 1.44 -0.34	42.70 2.40 -0.30	40.89 2.37 -0.86	35.98 2.26 -1.51	36.04 2.45 -0.51	37.50 2.51 -1.08	39.09 2.58 -1.21	41.46 2.89 -1.08	43.04 3.04 -0.98	48.71 3.07 -1.75	52.58 2.95 -1.32	70.36 3.78 -0.30	72.47 3.70 -0.29	68.19 2.31 0.00	53.52 1.76 0.00	48.31 1.60 -0.92	43.61 1.60 -0.93	39.48 1.39 -0.63
NEG NORTH_FLCN_SEA 23793	37.44 1.50 -0.95	33.11 1.31 -0.64	29.99 1.07 -0.09	27.95 0.91 -0.21	29.14 0.89 -0.58	33.84 1.07 -1.21	43.09 1.44 -1.55	44.11 1.00 -3.10	41.69 1.02 -3.01	34.55 1.10 -1.24	36.26 1.19 -1.99	36.86 1.09 -1.87	36.71 0.81 -0.59	38.17 0.67 0.00	39.45 0.43 0.00	43.41 -0.48 0.00	47.01 -1.30 0.00	65.59 -1.26 -0.57	67.57 -1.78 -0.87	65.36 -1.25 -0.73	50.62 -1.14 0.00	45.32 -0.46 0.00	41.53 0.45 0.00	37.98 0.52 0.00
NEG NORTH_KES_CHATEGAY 23792	37.75 0.91 -1.85	33.19 0.78 -1.25	29.61 0.61 -0.18	27.75 0.51 -0.41	29.31 0.50 -1.14	34.54 0.63 -2.35	43.99 0.88 -3.01	46.44 0.40 -6.03	43.90 0.38 -5.86	35.08 0.45 -2.42	37.44 0.50 -3.87	37.95 0.41 -3.64	36.66 0.21 -1.14	37.54 0.04 0.00	38.90 -0.12 0.00	43.32 -0.57 0.00	47.39 -0.92 0.00	66.53 -0.86 -1.11	69.02 -1.16 -1.70	66.77 -0.53 -1.41	51.35 -0.41 0.00	45.69 -0.09 0.00	41.24 0.16 0.00	37.68 0.22 0.00
NEG NORTH___ALICE_FALLS 23915	37.64 1.54 -1.11	33.28 1.37 -0.75	30.03 1.10 -0.11	28.04 0.97 -0.25	29.30 0.94 -0.68	34.14 1.17 -1.41	43.47 1.56 -1.81	44.76 1.12 -3.63	42.28 1.09 -3.53	34.80 1.13 -1.45	36.60 1.19 -2.33	37.18 1.09 -2.19	36.84 0.85 -0.69	38.17 0.67 0.00	39.53 0.51 0.00	43.72 -0.18 0.00	47.59 -0.72 0.00	66.55 -0.40 -0.67	68.61 -0.89 -1.02	66.41 -0.33 -0.85	51.40 -0.36 0.00	45.87 0.09 0.00	41.73 0.66 0.00	38.17 0.71 0.00
NEG NORTH___LWR_SARANAC 23913	37.64 1.54 -1.11	33.28 1.37 -0.75	30.03 1.10 -0.11	28.04 0.97 -0.25	29.30 0.94 -0.68	34.14 1.17 -1.41	43.47 1.56 -1.81	44.76 1.12 -3.63	42.28 1.09 -3.53	34.80 1.13 -1.45	36.60 1.19 -2.33	37.18 1.09 -2.19	36.84 0.85 -0.69	38.17 0.67 0.00	39.53 0.51 0.00	43.72 -0.18 0.00	47.59 -0.72 0.00	66.55 -0.40 -0.67	68.61 -0.89 -1.02	66.41 -0.33 -0.85	51.40 -0.36 0.00	45.87 0.09 0.00	41.73 0.66 0.00	38.17 0.71 0.00
NEG NORTH___PLATTSBURG 23628	37.64 1.54 -1.11	33.28 1.37 -0.75	30.03 1.10 -0.11	28.04 0.96 -0.25	29.30 0.94 -0.68	34.14 1.17 -1.41	43.47 1.56 -1.81	44.76 1.12 -3.63	42.28 1.09 -3.53	34.80 1.13 -1.45	36.60 1.19 -2.33	37.18 1.08 -2.19	36.84 0.85 -0.69	38.17 0.68 0.00	39.53 0.51 0.00	44.55 0.66 0.00	49.23 0.92 0.00	68.74 1.79 -0.67	70.94 1.44 -1.02	68.58 1.84 -0.85	53.16 1.40 0.00	47.02 1.24 0.00	41.73 0.66 0.00	38.17 0.71 0.00
NEG WEST_LEA_LOCKPORT 23791	35.58 -0.14 -0.73	32.49 0.87 -0.47	29.71 0.58 -0.30	27.39 0.40 -0.16	28.59 0.69 -0.23	32.88 0.82 -0.49	40.94 -0.24 -1.08	40.33 -0.84 -1.16	38.38 -0.26 -0.98	32.77 -0.03 -0.59	33.73 -0.10 -0.75	34.87 0.14 -0.83	36.98 0.74 -0.93	39.12 0.52 -1.10	40.20 -0.04 -1.22	45.94 0.44 -1.61	52.71 1.21 -3.19	70.17 1.33 -2.57	75.19 1.99 -4.72	70.80 0.72 -4.19	54.88 0.00 -3.12	48.09 0.14 -2.17	43.10 0.62 -1.41	40.70 1.65 -1.60
NEG WEST___LANCASTR 23811	35.57 -0.17 -0.76	32.36 0.72 -0.48	29.52 0.37 -0.31	27.24 0.24 -0.17	28.46 0.55 -0.23	32.80 0.73 -0.51	41.14 -0.08 -1.12	40.84 -0.36 -1.20	38.79 0.11 -1.01	33.08 0.26 -0.60	34.12 0.26 -0.78	35.30 0.54 -0.85	37.37 1.09 -0.96	39.57 0.94 -1.13	40.75 0.47 -1.26	46.65 1.10 -1.66	53.59 1.98 -3.30	71.32 2.39 -2.65	76.65 3.29 -4.88	72.06 1.84 -4.33	55.65 0.67 -3.22	48.53 0.50 -2.25	43.36 0.82 -1.46	40.53 1.42 -1.65
NEG_PENN_ALLEGHNY 23528	36.38 0.45 -0.94	32.38 0.62 -0.60	29.74 0.52 -0.39	27.46 0.43 -0.21	28.52 0.55 -0.29	32.83 0.63 -0.63	42.12 0.64 -1.39	42.16 0.76 -1.39	39.79 0.79 -1.34	33.83 0.64 -0.97	34.77 0.70 -1.00	35.88 0.78 -1.19	37.60 0.95 -1.34	39.98 0.97 -1.51	41.64 0.98 -1.64	47.40 1.27 -2.23	54.05 1.64 -4.09	71.50 2.06 -3.17	76.80 2.54 -5.78	72.76 1.78 -5.09	56.68 1.14 -3.78	49.44 0.87 -2.79	43.80 0.86 -1.86	40.44 0.94 -2.04
NEG___GEN_MONROE 24207	35.87 0.17 -0.71	32.32 0.72 -0.45	29.65 0.52 -0.29	27.39 0.40 -0.16	28.50 0.61 -0.22	32.83 0.79 -0.48	41.55 0.40 -1.05	41.32 0.20 -1.11	39.02 0.41 -0.94	33.20 0.42 -0.56	34.13 0.33 -0.72	35.17 0.47 -0.79	37.19 0.99 -0.90	39.41 0.86 -1.05	40.66 0.47 -1.17	46.35 0.92 -1.54	52.97 1.59 -3.06	71.06 2.32 -2.46	75.95 2.94 -4.53	72.21 2.31 -4.02	55.94 1.19 -2.99	48.78 0.92 -2.08	43.50 1.07 -1.35	40.64 1.65 -1.53
NEPA___ENERGY 23901	36.20 0.45 -0.76	32.88 1.25 -0.48	30.01 0.86 -0.31	27.69 0.70 -0.17	28.96 1.05 -0.23	33.34 1.26 -0.51	41.74 0.52 -1.12	41.32 0.12 -1.19	39.24 0.56 -1.01	33.50 0.68 -0.60	34.52 0.66 -0.78	35.74 0.98 -0.85	37.82 1.55 -0.96	40.02 1.39 -1.13	41.25 0.98 -1.26	47.18 1.62 -1.66	54.22 2.61 -3.30	72.24 3.31 -2.65	77.60 4.25 -4.88	72.98 2.77 -4.33	56.32 1.35 -3.22	49.17 1.14 -2.24	43.89 1.36 -1.46	41.20 2.10 -1.65

NEVERSINK___HYD 23608	36.61 1.36 -0.26	32.27 1.03 -0.09	29.76 0.92 0.00	27.63 0.80 0.00	28.48 0.80 0.00	32.52 0.88 -0.08	41.73 1.36 -0.27	42.42 2.20 -0.21	40.51 2.22 -0.62	35.24 1.93 -1.09	35.54 2.09 -0.37	36.81 2.07 -0.83	38.41 2.23 -0.88	40.72 2.44 -0.78	42.41 2.65 -0.73	47.83 2.63 -1.30	51.96 2.66 -0.99	70.15 3.64 -0.23	72.26 3.56 -0.22	68.19 2.30 0.00	53.42 1.66 0.00	48.03 1.56 -0.69	43.33 1.56 -0.70	39.24 1.31 -0.47
NEWKRMKL_115KV_TB1 55635	34.55 -0.17 0.26	30.82 -0.25 0.09	28.63 -0.20 0.00	26.74 -0.08 0.00	27.51 -0.17 0.00	31.30 -0.19 0.08	39.59 -0.24 0.27	40.12 0.32 0.21	37.40 0.26 0.53	31.51 0.23 0.93	32.96 0.20 0.32	33.44 0.20 0.67	34.67 0.11 0.74	36.95 0.11 0.66	38.69 0.27 0.60	43.19 0.35 1.06	47.71 0.19 0.79	66.36 0.27 0.18	68.51 0.21 0.17	65.29 -0.59 0.00	51.35 -0.41 0.00	44.81 -0.41 0.56	40.19 -0.33 0.56	36.67 -0.41 0.38
NEWTON___FALLS_HYD 23847	44.93 0.87 -9.07	38.04 0.78 -6.10	30.55 0.66 -1.05	29.46 0.62 -2.02	33.73 0.66 -5.39	43.56 0.85 -11.14	56.12 1.36 -14.66	69.51 1.00 -28.50	65.96 0.72 -27.58	44.11 0.39 -11.51	51.77 0.40 -18.29	51.53 0.34 -17.28	41.52 0.28 -5.93	38.40 0.07 -0.82	39.86 -0.08 -0.92	45.04 -0.04 -1.19	50.73 0.05 -2.37	73.61 0.33 -7.00	80.45 0.68 -11.28	76.72 1.25 -9.58	55.26 1.19 -2.31	48.81 1.42 -1.61	43.27 1.15 -1.05	39.54 0.90 -1.18
NGRID_A1_DSASP 323792	35.64 -0.07 -0.73	32.59 0.97 -0.46	29.77 0.63 -0.30	27.47 0.48 -0.16	28.67 0.77 -0.22	32.91 0.85 -0.49	40.21 -0.96 -1.08	39.52 -1.64 -1.16	37.70 -0.94 -0.98	32.25 -0.55 -0.59	33.20 -0.63 -0.75	34.63 -0.10 -0.83	36.35 0.11 -0.93	38.52 -0.07 -1.10	39.57 -0.66 -1.22	45.20 -0.31 -1.61	51.75 0.24 -3.19	68.25 -0.60 -2.57	73.48 0.28 -4.72	69.09 -0.99 -4.19	53.69 -1.19 -3.12	47.17 -0.78 -2.17	42.36 -0.12 -1.41	40.74 1.69 -1.60
NGRID_A2_DSASP 323793	35.64 -0.07 -0.73	32.59 0.97 -0.46	29.77 0.63 -0.30	27.47 0.48 -0.16	28.67 0.77 -0.22	32.91 0.85 -0.49	40.21 -0.96 -1.08	39.52 -1.64 -1.16	37.70 -0.94 -0.98	32.25 -0.55 -0.59	33.20 -0.63 -0.75	34.63 -0.10 -0.83	36.35 0.11 -0.93	38.52 -0.07 -1.10	39.57 -0.66 -1.22	45.20 -0.31 -1.61	51.75 0.24 -3.19	68.25 -0.60 -2.57	73.48 0.28 -4.72	69.09 -0.99 -4.19	53.69 -1.19 -3.12	47.17 -0.78 -2.17	42.36 -0.12 -1.41	40.74 1.69 -1.60
NGRID_A4_DSASP 323807	35.64 -0.07 -0.73	32.59 0.97 -0.46	29.77 0.63 -0.30	27.47 0.48 -0.16	28.67 0.77 -0.22	32.91 0.85 -0.49	40.21 -0.96 -1.08	39.52 -1.64 -1.16	37.70 -0.94 -0.98	32.25 -0.55 -0.59	33.20 -0.63 -0.75	34.63 -0.10 -0.83	36.35 0.11 -0.93	38.52 -0.07 -1.10	39.57 -0.66 -1.22	45.20 -0.31 -1.61	51.75 0.24 -3.19	68.25 -0.60 -2.57	73.48 0.28 -4.72	69.09 -0.99 -4.19	53.69 -1.19 -3.12	47.17 -0.78 -2.17	42.36 -0.12 -1.41	40.74 1.69 -1.60
NIAGARA_115E_LBMP 323715	35.09 -0.63 -0.73	32.09 0.47 -0.47	29.34 0.20 -0.30	27.04 0.05 -0.16	28.23 0.33 -0.23	32.44 0.38 -0.49	40.33 -0.84 -1.08	39.65 -1.52 -1.16	37.78 -0.86 -0.98	32.32 -0.48 -0.59	33.27 -0.56 -0.75	34.67 -0.07 -0.83	36.42 0.18 -0.93	38.60 0.00 -1.10	39.66 -0.58 -1.22	45.33 -0.17 -1.61	51.90 0.38 -3.20	68.39 -0.46 -2.57	73.63 0.41 -4.73	69.23 -0.86 -4.20	53.90 -0.99 -3.12	47.31 -0.64 -2.18	42.49 0.00 -1.41	40.15 1.09 -1.60
NIAGARA_115W_LBMP 323714	35.61 -0.10 -0.73	32.55 0.93 -0.46	29.74 0.61 -0.30	27.44 0.46 -0.16	28.65 0.75 -0.22	32.87 0.82 -0.49	40.09 -1.08 -1.07	39.41 -1.76 -1.16	37.59 -1.05 -0.98	32.16 -0.64 -0.59	33.14 -0.70 -0.75	34.53 -0.20 -0.83	36.28 0.04 -0.93	38.41 -0.19 -1.10	39.49 -0.74 -1.22	45.06 -0.44 -1.61	51.60 0.10 -3.19	68.05 -0.79 -2.57	73.27 0.07 -4.72	68.96 -1.12 -4.19	53.58 -1.29 -3.12	47.04 -0.92 -2.17	42.28 -0.20 -1.41	40.66 1.61 -1.60
NIAGARA_230_LBMP 323716	35.43 -0.28 -0.72	32.33 0.72 -0.46	29.57 0.43 -0.30	27.28 0.30 -0.16	28.48 0.58 -0.22	32.71 0.66 -0.49	40.64 -0.52 -1.07	40.00 -1.16 -1.15	38.11 -0.53 -0.98	32.61 -0.19 -0.58	33.56 -0.27 -0.75	35.00 0.27 -0.82	36.73 0.49 -0.93	38.89 0.30 -1.09	40.00 -0.23 -1.21	45.67 0.18 -1.60	52.26 0.77 -3.18	68.97 0.13 -2.56	74.28 1.09 -4.70	69.86 -0.20 -4.17	54.30 -0.57 -3.10	47.67 -0.27 -2.16	42.81 0.33 -1.40	40.51 1.46 -1.59
NIAGARA___115KV_198_GIBSON 55903	35.61 -0.10 -0.73	32.55 0.93 -0.46	29.74 0.61 -0.30	27.44 0.46 -0.16	28.65 0.75 -0.22	32.87 0.82 -0.49	40.09 -1.08 -1.07	39.41 -1.76 -1.16	37.63 -1.02 -0.98	32.16 -0.64 -0.59	33.14 -0.69 -0.75	34.22 -0.51 -0.83	36.28 0.04 -0.93	38.37 -0.22 -1.10	39.42 -0.82 -1.22	45.02 -0.48 -1.61	51.60 0.10 -3.19	68.51 -0.33 -2.57	73.55 0.34 -4.72	69.22 -0.86 -4.19	53.63 -1.24 -3.12	47.08 -0.87 -2.17	42.28 -0.21 -1.41	40.67 1.61 -1.60
NIAGARA____ 23760	35.44 -0.28 -0.73	32.34 0.72 -0.47	29.57 0.43 -0.30	27.28 0.30 -0.16	28.48 0.58 -0.23	32.72 0.66 -0.49	40.65 -0.52 -1.08	40.00 -1.16 -1.16	38.12 -0.53 -0.98	32.61 -0.19 -0.59	33.57 -0.27 -0.75	35.00 0.27 -0.83	36.73 0.49 -0.93	38.89 0.30 -1.09	40.00 -0.23 -1.22	45.67 0.18 -1.60	52.27 0.77 -3.19	68.97 0.13 -2.56	74.29 1.09 -4.72	69.88 -0.20 -4.19	54.30 -0.57 -3.11	47.68 -0.27 -2.17	42.81 0.33 -1.41	40.52 1.46 -1.60
NINE_MILE_1 23575	23.92 -0.87 10.19	23.99 -0.69 6.48	23.95 -0.66 4.22	23.95 -0.62 2.26	23.93 -0.61 3.13	24.00 -0.69 6.87	24.14 -0.92 15.04	24.14 -0.84 15.03	24.13 -0.79 12.74	23.91 -0.71 7.60	22.55 -0.76 9.77	22.43 -0.75 10.73	22.46 -0.74 12.11	22.53 -0.75 14.22	22.39 -0.82 15.81	22.51 -0.84 20.55	6.62 -0.82 40.87	32.31 -1.13 32.84	7.02 -1.03 60.44	11.05 -1.18 53.65	10.78 -1.09 39.89	16.97 -1.01 27.80	22.13 -0.90 18.05	16.25 -0.79 20.42
NINE_MILE_2 23744	23.78 -0.84 10.36	23.88 -0.69 6.59	23.88 -0.66 4.29	23.91 -0.62 2.30	23.88 -0.61 3.19	23.88 -0.69 6.99	23.88 -0.92 15.29	23.88 -0.84 15.29	23.92 -0.79 12.95	23.78 -0.71 7.73	22.38 -0.76 9.94	22.25 -0.75 10.91	22.25 -0.74 12.31	22.29 -0.75 14.46	22.12 -0.82 16.08	22.16 -0.84 20.90	5.93 -0.82 41.56	31.75 -1.13 33.40	5.99 -1.03 61.47	10.14 -1.18 54.57	10.10 -1.09 40.57	16.49 -1.01 28.28	21.82 -0.90 18.35	15.90 -0.79 20.77
NM_CAPITAL___DRP 24208	34.62 -0.07 0.29	30.90 -0.16 0.10	28.75 -0.09 0.00	26.83 0.00 0.00	27.56 -0.11 0.00	31.35 -0.13 0.09	39.64 -0.16 0.30	40.22 0.44 0.23	37.49 0.41 0.59	31.57 0.39 1.03	33.06 0.33 0.35	33.50 0.34 0.74	34.73 0.25 0.83	37.06 0.30 0.74	38.78 0.43 0.67	43.25 0.53 1.17	47.77 0.34 0.88	66.47 0.40 0.20	68.63 0.34 0.19	65.42 -0.46 0.00	51.45 -0.31 0.00	44.84 -0.32 0.62	40.25 -0.21 0.62	36.74 -0.30 0.42
NM_CENTRAL___DRP 24181	36.52 -0.14 -1.67	32.20 -0.03 -1.08	29.35 -0.06 -0.57	27.12 -0.08 -0.37	28.28 -0.03 -0.63	32.88 -0.03 -1.35	42.50 -0.12 -2.53	43.18 0.00 -3.17	40.47 -0.04 -2.84	33.59 -0.10 -1.47	35.03 -0.10 -2.05	35.97 -0.07 -2.13	37.10 0.00 -1.79	39.33 0.00 -1.83	41.05 0.00 -2.03	46.67 0.13 -2.65	53.97 0.39 -5.27	71.20 0.46 -4.46	77.30 0.68 -8.14	73.48 0.40 -7.20	57.00 0.10 -5.14	49.32 -0.05 -3.58	43.32 -0.08 -2.33	40.05 -0.04 -2.63

NM_FRONTIER___DRP 24179	35.61 -0.10 -0.73	32.55 0.93 -0.46	29.74 0.61 -0.30	27.44 0.46 -0.16	28.65 0.75 -0.22	32.87 0.82 -0.49	40.09 -1.08 -1.07	39.41 -1.76 -1.16	37.63 -1.02 -0.98	32.16 -0.64 -0.59	33.14 -0.69 -0.75	34.22 -0.51 -0.83	36.28 0.04 -0.93	38.37 -0.22 -1.10	39.42 -0.82 -1.22	45.02 -0.48 -1.61	51.60 0.10 -3.19	68.51 -0.33 -2.57	73.55 0.34 -4.72	69.22 -0.86 -4.19	53.63 -1.24 -3.12	47.08 -0.87 -2.17	42.28 -0.21 -1.41	40.67 1.61 -1.60
NM_ST_REGIS___HYD 24053	47.15 1.01 -11.15	39.55 0.87 -7.52	30.71 0.72 -1.15	29.98 0.67 -2.49	35.14 0.69 -6.77	46.41 0.88 -13.97	59.44 1.24 -18.11	76.52 0.68 -35.83	73.03 0.60 -34.76	47.10 0.48 -14.40	56.60 0.53 -22.99	56.04 0.47 -21.65	42.67 0.32 -7.05	38.12 0.22 -0.40	39.54 0.08 -0.45	44.43 -0.04 -0.58	49.23 -0.24 -1.16	73.54 -0.20 -7.46	79.82 -0.34 -11.68	76.35 0.66 -9.81	53.61 0.72 -1.13	47.66 1.10 -0.79	42.61 1.03 -0.51	38.97 0.94 -0.58
NORTHPORT___1 23551	37.26 1.89 -0.39	32.59 1.31 -0.13	29.87 1.04 0.00	27.63 0.80 0.00	28.42 0.75 0.00	32.66 0.98 -0.11	41.68 1.12 -0.46	42.71 2.40 -0.30	41.02 2.37 -0.98	36.31 2.58 -1.52	36.66 3.04 -0.54	39.09 2.92 -2.27	39.81 3.07 -1.44	42.00 3.34 -1.16	44.24 3.51 -1.71	47.82 2.15 -1.78	51.75 1.69 -1.74	68.71 1.66 -0.77	70.27 1.37 -0.42	65.89 0.07 0.07	52.28 0.05 -0.46	47.11 0.41 -0.92	43.44 1.35 -1.01	39.41 1.31 -0.64
NORTHPORT___2 23552	37.26 1.89 -0.39	32.59 1.31 -0.13	29.87 1.04 0.00	27.63 0.80 0.00	28.42 0.75 0.00	32.66 0.98 -0.11	41.68 1.12 -0.46	42.71 2.40 -0.30	41.02 2.37 -0.98	36.31 2.58 -1.52	36.66 3.04 -0.54	39.09 2.92 -2.27	39.81 3.07 -1.44	42.00 3.34 -1.16	44.24 3.51 -1.71	47.82 2.15 -1.78	51.75 1.69 -1.74	68.71 1.66 -0.77	70.27 1.37 -0.42	65.89 0.07 0.07	52.28 0.05 -0.46	47.11 0.41 -0.92	43.44 1.35 -1.01	39.41 1.31 -0.64
NORTHPORT___3 23553	36.53 1.15 -0.39	31.94 0.66 -0.13	29.29 0.46 0.00	27.09 0.27 0.00	27.89 0.22 0.00	32.02 0.35 -0.11	40.84 0.28 -0.46	41.83 1.52 -0.30	40.23 1.58 -0.98	35.63 1.90 -1.52	35.90 2.28 -0.54	38.43 2.24 -2.28	39.07 2.33 -1.44	41.17 2.51 -1.16	43.24 2.50 -1.72	46.80 1.14 -1.77	50.63 0.58 -1.74	67.38 0.33 -0.77	68.90 0.00 -0.41	64.56 -1.25 0.07	51.18 -1.03 -0.46	45.96 -0.73 -0.92	42.58 0.49 -1.01	38.58 0.49 -0.64
NORTHPORT___4 23650	36.53 1.15 -0.39	31.94 0.66 -0.13	29.29 0.46 0.00	27.09 0.27 0.00	27.89 0.22 0.00	32.02 0.35 -0.11	40.84 0.28 -0.46	41.83 1.52 -0.30	40.23 1.58 -0.98	35.63 1.90 -1.52	35.90 2.28 -0.54	38.43 2.24 -2.28	39.07 2.33 -1.44	41.17 2.51 -1.16	43.24 2.50 -1.72	46.80 1.14 -1.77	50.63 0.58 -1.74	67.38 0.33 -0.77	68.90 0.00 -0.41	64.56 -1.25 0.07	51.18 -1.03 -0.46	45.96 -0.73 -0.92	42.58 0.49 -1.01	38.58 0.49 -0.64
NORTHPORT___IC 23718	37.27 1.89 -0.39	32.59 1.31 -0.13	29.87 1.04 0.00	27.63 0.80 0.00	28.42 0.75 0.00	32.65 0.98 -0.11	41.68 1.12 -0.46	42.84 2.40 -0.43	41.02 2.37 -0.98	36.31 2.58 -1.52	36.66 3.04 -0.54	39.26 3.09 -2.27	39.81 3.07 -1.44	42.00 3.34 -1.16	44.28 3.55 -1.71	48.17 2.50 -1.78	51.94 1.88 -1.74	68.84 1.79 -0.77	70.48 1.58 -0.42	66.02 0.20 0.07	52.54 0.31 -0.46	47.30 0.60 -0.92	43.44 1.36 -1.01	39.03 0.94 -0.64
NORTH___COUNTRY_ESR 323785	37.66 0.81 -1.87	33.10 0.68 -1.26	29.56 0.55 -0.18	27.70 0.46 -0.42	29.27 0.44 -1.15	34.47 0.54 -2.37	43.86 0.72 -3.04	46.38 0.28 -6.09	43.88 0.30 -5.92	35.04 0.39 -2.44	37.45 0.46 -3.91	37.96 0.37 -3.67	36.60 0.14 -1.15	37.50 0.00 0.00	38.83 -0.19 0.00	43.72 -0.17 0.00	48.22 -0.10 0.00	67.60 0.20 -1.12	70.06 -0.14 -1.72	67.78 0.46 -1.43	52.12 0.36 0.00	46.14 0.36 0.00	41.12 0.04 0.00	37.57 0.11 0.00
NPX_GEN_1385_PROXY 323591	37.26 1.89 -0.39	32.59 1.31 -0.13	29.87 1.04 0.00	27.63 0.80 0.00	28.42 0.75 0.00	32.66 0.98 -0.11	41.68 1.12 -0.46	42.71 2.40 -0.30	41.02 2.37 -0.98	36.31 2.58 -1.52	36.66 3.04 -0.54	39.09 2.92 -2.27	39.81 3.07 -1.44	42.00 3.34 -1.16	44.24 3.51 -1.71	47.82 2.15 -1.78	51.75 1.69 -1.74	68.71 1.66 -0.77	70.27 1.37 -0.42	65.89 0.07 0.07	52.28 0.05 -0.46	47.13 0.41 -0.94	43.41 1.35 -0.98	39.41 1.31 -0.64
NPX_GEN_CSC 323557	36.81 1.43 -0.39	32.06 0.78 -0.13	29.32 0.49 0.00	27.09 0.27 0.00	27.87 0.20 0.00	32.06 0.38 -0.11	41.04 0.48 -0.46	42.19 1.88 -0.30	40.45 1.81 -0.98	35.86 2.13 -1.52	36.30 2.68 -0.54	38.61 2.41 -2.30	39.25 2.51 -1.44	41.47 2.81 -1.16	43.91 3.16 -1.73	47.47 1.80 -1.78	51.31 1.25 -1.74	67.78 0.73 -0.77	69.39 0.48 -0.42	65.10 -0.72 0.06	51.76 -0.47 -0.47	46.50 -0.23 -0.94	42.80 0.74 -0.98	38.92 0.82 -0.64
NSINS_S_GLNS_FALLS 23858	35.64 0.98 0.33	31.86 0.81 0.11	29.64 0.81 0.00	27.55 0.72 0.00	28.37 0.69 0.00	32.35 0.88 0.10	41.16 1.40 0.33	41.52 1.76 0.25	38.19 1.17 0.64	31.87 0.77 1.12	33.33 0.63 0.38	33.65 0.54 0.80	34.87 0.46 0.89	37.26 0.56 0.80	39.08 0.78 0.72	43.85 1.23 1.28	49.09 1.74 0.96	68.91 2.85 0.22	71.70 3.42 0.21	68.39 2.50 0.00	53.62 1.86 0.00	46.61 1.51 0.68	41.63 1.23 0.68	37.90 0.90 0.46
NUCOR_STEEL___DRP 24197	37.21 0.21 -2.01	32.79 0.34 -1.29	29.84 0.26 -0.75	27.49 0.21 -0.45	28.65 0.28 -0.70	33.45 0.38 -1.51	43.55 0.44 -3.01	44.10 0.56 -3.53	41.22 0.45 -3.11	34.17 0.26 -1.70	35.63 0.26 -2.29	36.64 0.31 -2.43	38.05 0.42 -2.32	40.48 0.45 -2.54	42.27 0.43 -2.82	48.29 0.70 -3.70	56.82 1.16 -7.35	73.94 1.59 -6.07	81.58 1.99 -11.11	77.32 1.58 -9.85	59.92 0.98 -7.18	51.42 0.64 -5.00	44.82 0.49 -3.25	41.70 0.56 -3.67
NUMBER_THREE_WT_PWR 323818	40.29 0.91 -4.40	34.94 0.84 -2.94	30.26 0.78 -0.65	28.50 0.70 -0.98	30.93 0.77 -2.49	37.70 0.98 -5.15	48.71 1.56 -7.05	54.56 1.48 -13.07	51.29 1.05 -12.57	38.08 0.51 -5.35	41.97 0.50 -8.40	42.42 0.51 -8.00	38.89 0.46 -3.13	38.61 0.11 -1.00	40.10 -0.04 -1.12	45.57 0.22 -1.45	51.78 0.58 -2.89	71.94 1.13 -4.54	77.98 1.85 -7.65	74.46 1.97 -6.60	56.23 1.66 -2.82	49.34 1.60 -1.96	43.54 1.19 -1.27	39.69 0.79 -1.44
NYISO_LBMP_REFERENCE 24008	34.99 0.00 0.00	31.16 0.00 0.00	28.83 0.00 0.00	26.83 0.00 0.00	27.67 0.00 0.00	31.56 0.00 0.00	40.10 0.00 0.00	40.01 0.00 0.00	37.66 0.00 0.00	32.22 0.00 0.00	33.08 0.00 0.00	33.91 0.00 0.00	35.31 0.00 0.00	37.50 0.00 0.00	39.02 0.00 0.00	43.89 0.00 0.00	48.31 0.00 0.00	66.28 0.00 0.00	68.48 0.00 0.00	65.89 0.00 0.00	51.76 0.00 0.00	45.78 0.00 0.00	41.08 0.00 0.00	37.46 0.00 0.00
NYPA_BRENTWD____GT 24164	37.72 2.34 -0.39	32.94 1.65 -0.13	30.19 1.36 0.00	27.90 1.07 0.00	28.73 1.05 0.00	33.00 1.33 -0.11	42.20 1.64 -0.46	43.27 2.96 -0.30	41.47 2.83 -0.98	36.69 2.96 -1.52	37.12 3.50 -0.54	39.67 3.42 -2.34	40.31 3.56 -1.44	42.52 3.86 -1.16	44.95 4.18 -1.76	48.66 2.99 -1.78	52.71 2.66 -1.74	68.84 1.79 -0.78	70.41 1.50 -0.42	66.04 0.20 0.05	53.00 0.78 -0.47	47.85 1.14 -0.92	43.97 1.89 -1.01	39.86 1.76 -0.64

NYPA_GOWANUS____GT5 24156	37.52 2.13 -0.40	33.01 1.71 -0.14	30.31 1.47 -0.01	28.07 1.23 -0.01	28.93 1.25 -0.01	33.11 1.42 -0.12	41.77 1.92 0.25	41.71 2.80 1.10	40.31 3.05 0.40	36.51 2.77 -1.53	36.69 3.08 -0.54	36.73 2.95 0.13	38.56 3.46 0.20	41.48 3.64 -0.35	42.33 3.71 0.40	48.89 3.43 -1.56	48.06 2.90 3.15	65.37 3.78 4.69	70.78 3.49 1.20	62.75 1.97 5.11	47.21 1.34 5.89	48.36 1.65 -0.93	43.14 1.89 -0.18	39.78 1.69 -0.64
NYPA_GOWANUS____GT6 24157	37.52 2.13 -0.40	33.01 1.71 -0.14	30.31 1.47 -0.01	28.07 1.23 -0.01	28.93 1.25 -0.01	33.11 1.42 -0.12	41.77 1.92 0.25	41.71 2.80 1.10	40.31 3.05 0.40	36.51 2.77 -1.53	36.69 3.08 -0.54	36.73 2.95 0.13	38.56 3.46 0.20	41.48 3.64 -0.35	42.33 3.71 0.40	48.89 3.43 -1.56	48.06 2.90 3.15	65.37 3.78 4.69	70.78 3.49 1.20	62.75 1.97 5.11	47.21 1.34 5.89	48.36 1.65 -0.93	43.14 1.89 -0.18	39.78 1.69 -0.64
NYPA_HARLEM__RVR__GT1 24160	37.48 2.10 -0.40	32.94 1.65 -0.14	30.20 1.36 -0.01	28.01 1.18 -0.01	28.84 1.16 -0.01	33.01 1.33 -0.12	42.48 1.85 -0.54	43.44 2.84 -0.59	41.77 2.97 -1.13	36.54 2.80 -1.53	36.66 3.04 -0.54	39.38 2.92 -2.56	40.17 3.18 -1.68	42.27 3.52 -1.25	44.30 3.43 -1.84	49.04 3.33 -1.81	53.37 2.80 -2.25	71.20 3.58 -1.34	72.43 3.35 -0.60	68.56 1.78 -0.90	53.98 1.19 -1.03	48.22 1.51 -0.93	44.11 1.93 -1.10	39.90 1.80 -0.64
NYPA_HARLEM__RVR__GT2 24161	37.48 2.10 -0.40	32.94 1.65 -0.14	30.20 1.36 -0.01	28.01 1.18 -0.01	28.84 1.16 -0.01	33.01 1.33 -0.12	42.48 1.85 -0.54	43.44 2.84 -0.59	41.77 2.97 -1.13	36.54 2.80 -1.53	36.66 3.04 -0.54	39.38 2.92 -2.56	40.17 3.18 -1.68	42.27 3.52 -1.25	44.30 3.43 -1.84	49.04 3.33 -1.81	53.37 2.80 -2.25	71.20 3.58 -1.34	72.43 3.35 -0.60	68.56 1.78 -0.90	53.98 1.19 -1.03	48.22 1.51 -0.93	44.11 1.93 -1.10	39.90 1.80 -0.64
NYPA_KENT____GT 24152	37.52 2.13 -0.40	32.76 1.46 -0.14	30.23 1.38 -0.01	28.01 1.18 -0.01	28.87 1.19 -0.01	33.01 1.33 -0.12	44.84 1.76 -2.98	48.63 2.72 -5.90	46.56 2.97 -5.93	36.51 2.77 -1.53	36.66 3.04 -0.54	51.04 2.98 -14.15	47.10 3.32 -8.47	45.06 3.52 -4.04	52.38 3.59 -9.78	49.76 3.33 -2.53	70.45 2.75 -19.38	90.32 3.58 -20.47	78.01 3.29 -6.24	83.01 1.71 -15.42	70.71 1.19 -17.76	48.22 1.51 -0.93	46.79 1.77 -3.95	39.71 1.61 -0.64
NYPA_POUCH1____GT 24155	37.45 2.06 -0.40	32.94 1.65 -0.14	30.28 1.44 -0.01	28.04 1.21 -0.01	28.93 1.25 -0.01	33.11 1.42 -0.12	40.76 1.68 1.02	39.93 2.68 2.76	38.81 3.05 1.90	36.38 2.64 -1.53	36.56 2.94 -0.54	32.48 2.78 4.21	36.05 3.46 2.72	40.46 3.49 0.53	39.80 3.59 2.81	42.01 3.20 5.09	41.22 2.61 9.70	59.20 3.58 10.66	68.68 3.15 2.96	57.55 1.65 9.99	41.34 1.09 11.50	43.46 1.42 3.74	42.00 1.64 0.72	39.71 1.61 -0.64
NYPA_VERNON____GT2 24162	37.23 1.85 -0.39	32.76 1.46 -0.14	30.14 1.30 -0.01	27.93 1.10 -0.01	28.79 1.11 -0.01	32.92 1.23 -0.12	43.21 1.64 -1.47	45.25 2.64 -2.61	43.49 2.86 -2.97	36.51 2.77 -1.53	36.66 3.04 -0.54	45.01 2.98 -8.12	43.31 3.21 -4.79	43.30 3.49 -2.31	47.63 3.51 -5.10	49.28 3.29 -2.09	59.77 2.70 -8.75	78.25 3.38 -8.60	74.38 3.15 -2.74	74.74 1.58 -7.28	61.23 1.09 -8.38	48.08 1.37 -0.93	44.94 1.68 -2.18	39.63 1.54 -0.64
NYPA_VERNON____GT3 24163	37.23 1.85 -0.39	32.76 1.46 -0.14	30.14 1.30 -0.01	27.93 1.10 -0.01	28.79 1.11 -0.01	32.92 1.23 -0.12	43.21 1.64 -1.47	45.25 2.64 -2.61	43.49 2.86 -2.97	36.51 2.77 -1.53	36.66 3.04 -0.54	45.01 2.98 -8.12	43.31 3.21 -4.79	43.30 3.49 -2.31	47.63 3.51 -5.10	49.28 3.29 -2.09	59.77 2.70 -8.75	78.25 3.38 -8.60	74.38 3.15 -2.74	74.74 1.58 -7.28	61.23 1.09 -8.38	48.08 1.37 -0.93	44.94 1.68 -2.18	39.63 1.54 -0.64
NYPA____ASTORIA_CC1 323568	37.23 1.85 -0.39	32.76 1.46 -0.14	30.11 1.27 -0.01	27.93 1.10 -0.01	28.76 1.08 -0.01	32.88 1.20 -0.12	42.71 1.61 -1.01	44.18 2.56 -1.61	42.51 2.79 -2.06	36.45 2.71 -1.53	36.62 3.01 -0.54	42.53 2.92 -5.70	41.80 3.18 -3.32	42.69 3.41 -1.78	46.08 3.43 -3.63	49.05 3.20 -1.95	56.46 2.61 -5.54	74.61 3.31 -5.01	73.17 3.01 -1.68	71.40 1.45 -4.07	57.42 0.98 -4.68	48.04 1.33 -0.93	44.32 1.60 -1.64	39.60 1.50 -0.64
NYPA____ASTORIA_CC2 323569	37.23 1.85 -0.39	32.76 1.46 -0.14	30.11 1.27 -0.01	27.93 1.10 -0.01	28.76 1.08 -0.01	32.88 1.20 -0.12	42.71 1.61 -1.01	44.18 2.56 -1.61	42.51 2.79 -2.06	36.45 2.71 -1.53	36.62 3.01 -0.54	42.53 2.92 -5.70	41.80 3.18 -3.32	42.69 3.41 -1.78	46.08 3.43 -3.63	49.05 3.20 -1.95	56.46 2.61 -5.54	74.61 3.31 -5.01	73.17 3.01 -1.68	71.40 1.45 -4.07	57.42 0.98 -4.68	48.04 1.33 -0.93	44.32 1.60 -1.64	39.60 1.50 -0.64
NYPA____HOLTSVILL 23794	37.09 1.71 -0.39	32.31 1.03 -0.13	29.58 0.75 0.00	27.33 0.51 0.00	28.12 0.44 0.00	32.34 0.66 -0.11	41.36 0.80 -0.46	42.51 2.20 -0.30	40.75 2.11 -0.98	36.08 2.35 -1.52	36.53 2.91 -0.54	38.85 2.65 -2.29	39.50 2.76 -1.44	41.70 3.04 -1.16	44.10 3.36 -1.73	47.69 2.02 -1.78	51.56 1.50 -1.74	68.11 1.06 -0.77	69.66 0.75 -0.42	65.43 -0.39 0.06	52.02 -0.21 -0.47	46.75 0.05 -0.92	43.07 0.98 -1.01	39.18 1.09 -0.64
NYPA____HELLGATE_GT1 24158	37.48 2.10 -0.40	32.94 1.65 -0.14	30.20 1.36 -0.01	28.01 1.18 -0.01	28.84 1.16 -0.01	33.01 1.33 -0.12	42.48 1.85 -0.54	43.45 2.84 -0.60	41.77 2.97 -1.13	36.55 2.80 -1.54	36.67 3.04 -0.55	40.33 2.92 -3.51	40.17 3.18 -1.68	42.28 3.52 -1.26	44.86 3.43 -2.40	49.14 3.43 -1.82	53.48 2.90 -2.27	71.35 3.71 -1.36	72.58 3.49 -0.61	68.71 1.91 -0.91	54.10 1.29 -1.05	48.33 1.60 -0.95	44.11 1.93 -1.10	39.90 1.80 -0.64
NYPA____HELLGATE_GT2 24159	37.48 2.10 -0.40	32.94 1.65 -0.14	30.20 1.36 -0.01	28.01 1.18 -0.01	28.84 1.16 -0.01	33.01 1.33 -0.12	42.48 1.85 -0.54	43.45 2.84 -0.60	41.77 2.97 -1.13	36.55 2.80 -1.54	36.67 3.04 -0.55	40.33 2.92 -3.51	40.17 3.18 -1.68	42.28 3.52 -1.26	44.86 3.43 -2.40	49.14 3.43 -1.82	53.48 2.90 -2.27	71.35 3.71 -1.36	72.58 3.49 -0.61	68.71 1.91 -0.91	54.10 1.29 -1.05	48.33 1.60 -0.95	44.11 1.93 -1.10	39.90 1.80 -0.64
NYS_BARGE____HYD 23848	35.54 -0.17 -0.73	32.49 0.87 -0.46	29.68 0.55 -0.30	27.39 0.40 -0.16	28.56 0.66 -0.22	32.87 0.82 -0.49	40.93 -0.24 -1.08	40.32 -0.84 -1.16	38.34 -0.30 -0.98	32.77 -0.03 -0.58	33.70 -0.13 -0.75	35.14 0.41 -0.82	36.94 0.71 -0.93	39.15 0.56 -1.09	40.23 0.00 -1.21	45.98 0.48 -1.60	52.71 1.21 -3.18	69.57 0.73 -2.56	74.90 1.71 -4.71	70.53 0.46 -4.18	54.82 -0.05 -3.11	48.04 0.09 -2.17	43.10 0.62 -1.41	40.70 1.65 -1.59
OAK ORCHARD____HYD 24046	35.77 0.07 -0.71	32.17 0.56 -0.45	29.50 0.37 -0.29	27.28 0.30 -0.16	28.33 0.44 -0.22	32.64 0.60 -0.48	41.46 0.32 -1.05	41.32 0.20 -1.11	38.98 0.38 -0.94	33.16 0.39 -0.56	34.10 0.30 -0.72	35.38 0.68 -0.79	37.15 0.95 -0.89	39.45 0.90 -1.05	40.73 0.55 -1.17	46.44 1.01 -1.54	53.06 1.69 -3.05	70.85 2.12 -2.45	75.87 2.88 -4.52	71.94 2.04 -4.01	55.88 1.14 -2.98	48.72 0.87 -2.08	43.41 0.98 -1.35	40.49 1.50 -1.53

OAKDALE___35_KV_LOAD 356122	36.23 0.31 -0.93	32.25 0.50 -0.59	29.62 0.40 -0.39	27.35 0.32 -0.21	28.40 0.44 -0.29	32.69 0.50 -0.63	41.91 0.44 -1.37	41.95 0.56 -1.38	39.59 0.60 -1.32	33.70 0.52 -0.97	34.60 0.53 -0.99	35.69 0.61 -1.18	37.41 0.78 -1.32	39.78 0.79 -1.49	41.42 0.78 -1.62	47.16 1.05 -2.21	53.76 1.40 -4.05	71.27 1.86 -3.13	76.40 2.19 -5.72	72.37 1.45 -5.04	56.39 0.88 -3.75	49.18 0.64 -2.76	43.58 0.66 -1.84	40.23 0.75 -2.02
OCC_CHEM___DRP 24175	35.64 -0.07 -0.73	32.58 0.97 -0.46	29.77 0.63 -0.30	27.47 0.48 -0.16	28.67 0.77 -0.22	32.91 0.85 -0.49	40.21 -0.96 -1.08	39.53 -1.64 -1.16	37.70 -0.94 -0.98	32.25 -0.55 -0.59	33.20 -0.63 -0.75	34.33 -0.41 -0.83	36.38 0.14 -0.93	38.48 -0.11 -1.10	39.54 -0.70 -1.22	45.15 -0.35 -1.61	51.75 0.24 -3.19	68.71 -0.13 -2.57	73.75 0.55 -4.72	69.42 -0.66 -4.19	53.74 -1.14 -3.12	47.22 -0.73 -2.17	42.36 -0.12 -1.41	40.74 1.69 -1.60
OH_GEN_PROXY 24063	35.43 -0.28 -0.72	32.33 0.72 -0.46	29.57 0.43 -0.30	27.28 0.30 -0.16	28.45 0.55 -0.22	32.71 0.66 -0.49	40.68 -0.48 -1.07	40.04 -1.12 -1.15	38.19 -0.45 -0.98	32.64 -0.16 -0.58	33.60 -0.23 -0.75	35.00 0.27 -0.82	36.77 0.53 -0.93	38.96 0.37 -1.09	40.08 -0.16 -1.21	45.72 0.22 -1.60	52.32 0.82 -3.18	69.17 0.33 -2.56	74.42 1.23 -4.71	70.00 -0.07 -4.18	54.40 -0.47 -3.11	47.78 -0.18 -2.19	42.79 0.33 -1.38	40.47 1.42 -1.59
OLIN_CORP_DRP 24177	35.16 -0.56 -0.73	32.15 0.53 -0.47	29.40 0.26 -0.30	27.10 0.11 -0.16	28.29 0.39 -0.23	32.50 0.44 -0.49	40.42 -0.76 -1.08	39.77 -1.40 -1.16	37.89 -0.75 -0.98	32.38 -0.42 -0.59	33.34 -0.50 -0.76	34.43 -0.31 -0.83	36.53 0.28 -0.94	38.63 0.04 -1.10	39.70 -0.55 -1.22	45.37 -0.13 -1.61	52.05 0.53 -3.20	69.12 0.27 -2.57	74.04 0.82 -4.74	69.70 -0.40 -4.21	54.06 -0.83 -3.13	47.46 -0.50 -2.18	42.57 0.08 -1.41	40.22 1.16 -1.60
OLIN_CORP_DSASP 323712	35.64 -0.07 -0.73	32.59 0.97 -0.46	29.77 0.63 -0.30	27.47 0.48 -0.16	28.67 0.77 -0.22	32.91 0.85 -0.49	40.21 -0.96 -1.08	39.52 -1.64 -1.16	37.70 -0.94 -0.98	32.25 -0.55 -0.59	33.20 -0.63 -0.75	34.63 -0.10 -0.83	36.35 0.11 -0.93	38.52 -0.07 -1.10	39.57 -0.66 -1.22	45.20 -0.31 -1.61	51.75 0.24 -3.19	68.25 -0.60 -2.57	73.48 0.28 -4.72	69.09 -0.99 -4.19	53.69 -1.19 -3.12	47.17 -0.78 -2.17	42.36 -0.12 -1.41	40.74 1.69 -1.60
ONEIDA_HERK_LFGE 323681	37.88 0.74 -2.16	33.28 0.68 -1.44	29.82 0.63 -0.35	27.90 0.59 -0.48	29.50 0.64 -1.19	34.82 0.79 -2.47	44.79 1.24 -3.45	47.53 1.28 -6.24	44.62 0.98 -5.98	35.33 0.55 -2.57	37.65 0.56 -4.01	38.32 0.58 -3.84	37.47 0.56 -1.60	38.59 0.45 -0.64	40.08 0.35 -0.71	45.43 0.61 -0.92	51.11 0.97 -1.83	70.37 1.59 -2.50	74.82 2.05 -4.28	71.57 1.97 -3.71	55.10 1.55 -1.79	48.45 1.42 -1.25	43.00 1.11 -0.81	39.16 0.79 -0.92
ONEIDA___115KV_TB4 55905	37.21 0.77 -1.45	32.86 0.75 -0.95	29.89 0.69 -0.36	27.79 0.64 -0.32	29.04 0.69 -0.68	33.84 0.85 -1.42	43.63 1.28 -2.25	44.90 1.40 -3.49	42.05 1.13 -3.26	34.40 0.68 -1.51	35.99 0.66 -2.25	36.81 0.68 -2.22	37.36 0.74 -1.31	39.24 0.75 -0.99	40.82 0.70 -1.10	46.43 1.10 -1.43	52.66 1.50 -2.85	71.28 2.25 -2.74	76.13 2.74 -4.91	72.71 2.50 -4.32	56.46 1.92 -2.78	49.28 1.56 -1.94	43.57 1.23 -1.26	39.86 0.97 -1.42
ONONDAGA_REF_OCCRA 23987	36.77 0.00 -1.79	32.43 0.12 -1.15	29.52 0.06 -0.62	27.25 0.03 -0.40	28.42 0.08 -0.66	33.08 0.09 -1.42	42.91 0.12 -2.69	43.61 0.28 -3.32	40.82 0.19 -2.97	33.84 0.06 -1.56	35.30 0.07 -2.16	36.22 0.07 -2.25	37.40 0.14 -1.95	39.71 0.19 -2.02	41.46 0.20 -2.25	47.21 0.40 -2.92	54.80 0.68 -5.81	72.09 0.93 -4.89	78.64 1.23 -8.92	74.71 0.92 -7.90	57.95 0.52 -5.67	50.01 0.27 -3.95	43.81 0.16 -2.56	40.51 0.15 -2.90
ONONDAGA___COGEN 23986	37.18 0.00 -2.19	32.66 0.09 -1.41	29.70 0.06 -0.81	27.31 0.00 -0.49	28.50 0.06 -0.77	33.32 0.09 -1.67	43.50 0.12 -3.29	44.08 0.20 -3.88	41.24 0.15 -3.42	34.14 0.06 -1.86	35.68 0.07 -2.53	36.64 0.07 -2.67	37.98 0.18 -2.49	40.38 0.19 -2.69	42.21 0.20 -2.99	48.16 0.40 -3.87	56.69 0.68 -7.70	73.52 0.86 -6.38	81.32 1.16 -11.67	77.15 0.92 -10.35	59.79 0.52 -7.51	51.24 0.23 -5.24	44.64 0.16 -3.40	41.46 0.15 -3.85
ONTARIO___LFGE 23819	36.57 0.49 -1.09	32.63 0.78 -0.70	29.89 0.61 -0.45	27.58 0.51 -0.24	28.70 0.69 -0.34	33.21 0.92 -0.74	42.55 0.84 -1.61	42.59 0.88 -1.70	39.89 0.79 -1.44	33.75 0.68 -0.86	34.81 0.63 -1.11	35.93 0.81 -1.21	37.70 1.02 -1.37	40.15 1.05 -1.61	41.55 0.74 -1.79	47.52 1.27 -2.35	55.02 2.03 -4.67	72.55 2.52 -3.76	78.68 3.29 -6.91	74.79 2.77 -6.14	58.08 1.76 -4.56	50.15 1.19 -3.18	44.25 1.11 -2.06	41.11 1.31 -2.34
ORANGEVILLE_WT_PWR 323706	36.08 0.28 -0.81	32.73 1.06 -0.52	29.92 0.75 -0.34	27.59 0.59 -0.18	28.78 0.86 -0.25	33.18 1.07 -0.55	41.65 0.36 -1.20	41.23 -0.04 -1.26	38.92 0.19 -1.07	33.05 0.19 -0.64	34.03 0.13 -0.82	35.35 0.54 -0.90	37.17 0.85 -1.02	39.44 0.75 -1.19	40.66 0.31 -1.33	46.48 0.83 -1.75	53.39 1.59 -3.49	70.80 1.72 -2.80	76.58 2.94 -5.16	72.17 1.71 -4.58	56.04 0.88 -3.40	48.88 0.73 -2.37	43.68 1.07 -1.54	40.96 1.76 -1.74
ORANGEVILLE___ESR 323794	36.08 0.28 -0.81	32.73 1.06 -0.52	29.92 0.75 -0.34	27.59 0.59 -0.18	28.78 0.86 -0.25	33.18 1.07 -0.55	41.65 0.36 -1.20	41.23 -0.04 -1.26	38.92 0.19 -1.07	33.05 0.19 -0.64	34.03 0.13 -0.82	35.35 0.54 -0.90	37.17 0.85 -1.02	39.44 0.75 -1.19	40.66 0.31 -1.33	46.48 0.83 -1.75	53.39 1.59 -3.49	70.80 1.72 -2.80	76.58 2.94 -5.16	72.17 1.71 -4.58	56.04 0.88 -3.40	48.88 0.73 -2.37	43.68 1.07 -1.54	40.96 1.76 -1.74
OSWEGATCHIE___HYD 24044	44.93 0.88 -9.07	38.04 0.78 -6.10	30.55 0.66 -1.05	29.46 0.62 -2.02	33.73 0.66 -5.39	43.56 0.85 -11.14	56.12 1.36 -14.66	69.51 1.00 -28.50	65.96 0.71 -27.58	44.11 0.39 -11.51	51.77 0.40 -18.29	51.56 0.37 -17.28	41.52 0.28 -5.93	38.40 0.08 -0.82	39.86 -0.08 -0.92	45.13 0.04 -1.19	50.88 0.19 -2.37	73.75 0.47 -7.00	80.59 0.82 -11.28	76.91 1.45 -9.58	55.42 1.34 -2.31	48.90 1.51 -1.61	43.27 1.15 -1.05	39.54 0.90 -1.18
OSWEGO___5 23606	39.81 -0.59 -5.41	34.16 -0.44 -3.44	30.64 -0.43 -2.24	27.60 -0.43 -1.20	28.95 -0.39 -1.66	34.77 -0.44 -3.65	47.49 -0.60 -7.99	47.47 -0.52 -7.99	43.90 -0.53 -6.77	35.77 -0.48 -4.04	37.78 -0.50 -5.19	39.13 -0.47 -5.70	41.28 -0.46 -6.43	44.56 -0.49 -7.55	46.91 -0.51 -8.40	54.34 -0.48 -10.93	69.61 -0.44 -21.73	83.15 -0.60 -17.46	100.15 -0.48 -32.14	93.76 -0.66 -28.53	72.30 -0.67 -21.21	59.88 -0.69 -14.79	50.10 -0.58 -9.60	47.83 -0.49 -10.86
OSWEGO___6 23613	39.81 -0.59 -5.41	34.16 -0.44 -3.44	30.64 -0.43 -2.24	27.60 -0.43 -1.20	28.95 -0.39 -1.66	34.77 -0.44 -3.65	47.49 -0.60 -7.99	47.47 -0.52 -7.99	43.90 -0.53 -6.77	35.77 -0.48 -4.04	37.78 -0.50 -5.19	39.13 -0.47 -5.70	41.28 -0.46 -6.43	44.56 -0.49 -7.55	46.91 -0.51 -8.40	54.34 -0.48 -10.93	69.61 -0.44 -21.73	83.15 -0.60 -17.46	100.15 -0.48 -32.14	93.76 -0.66 -28.53	72.30 -0.67 -21.21	59.88 -0.69 -14.79	50.10 -0.58 -9.60	47.83 -0.49 -10.86

OUTOKUMPU-AB___DRP 24206	36.00 0.28 -0.74	32.87 1.25 -0.47	30.06 0.92 -0.30	27.71 0.72 -0.16	28.92 1.02 -0.23	33.26 1.20 -0.50	41.18 0.00 -1.09	40.57 -0.60 -1.17	38.65 0.00 -0.99	33.00 0.19 -0.59	33.97 0.13 -0.76	35.11 0.37 -0.83	37.23 0.99 -0.94	39.43 0.82 -1.10	40.48 0.23 -1.23	46.34 0.83 -1.62	53.22 1.69 -3.21	70.72 1.86 -2.58	75.84 2.60 -4.75	71.36 1.25 -4.22	55.21 0.31 -3.14	48.38 0.41 -2.19	43.36 0.86 -1.42	41.16 2.10 -1.61
OXBOW___BTM 323836	35.89 0.18 -0.73	32.77 1.15 -0.47	29.97 0.84 -0.30	27.63 0.64 -0.16	28.84 0.94 -0.23	33.13 1.07 -0.49	40.78 -0.40 -1.08	40.13 -1.04 -1.16	38.23 -0.41 -0.98	32.67 -0.13 -0.59	33.64 -0.20 -0.76	35.08 0.34 -0.83	36.84 0.60 -0.94	39.05 0.45 -1.10	40.13 -0.12 -1.22	45.90 0.39 -1.61	52.58 1.06 -3.20	69.38 0.53 -2.57	74.66 1.44 -4.74	70.22 0.13 -4.21	54.53 -0.36 -3.13	47.82 -0.14 -2.18	42.94 0.45 -1.41	41.01 1.95 -1.60
OXBOW___ 24026	35.89 0.17 -0.73	32.77 1.15 -0.47	29.97 0.84 -0.30	27.63 0.64 -0.16	28.84 0.94 -0.23	33.13 1.07 -0.49	40.74 -0.44 -1.08	40.13 -1.04 -1.16	38.23 -0.41 -0.98	32.67 -0.13 -0.59	33.64 -0.20 -0.76	34.77 0.03 -0.83	36.88 0.64 -0.94	39.05 0.45 -1.10	40.09 -0.16 -1.22	45.81 0.31 -1.61	52.58 1.06 -3.20	69.85 0.99 -2.57	74.93 1.71 -4.74	70.49 0.40 -4.21	54.58 -0.31 -3.13	47.87 -0.09 -2.18	42.94 0.45 -1.41	41.01 1.95 -1.60
OXY_CHEM_DSASP 323612	35.64 -0.07 -0.73	32.58 0.97 -0.46	29.77 0.63 -0.30	27.47 0.48 -0.16	28.67 0.77 -0.22	32.91 0.85 -0.49	40.21 -0.96 -1.08	39.53 -1.64 -1.16	37.70 -0.94 -0.98	32.25 -0.55 -0.59	33.20 -0.63 -0.75	34.33 -0.41 -0.83	36.38 0.14 -0.93	38.48 -0.11 -1.10	39.54 -0.70 -1.22	45.15 -0.35 -1.61	51.75 0.24 -3.19	68.71 -0.13 -2.57	73.75 0.55 -4.72	69.42 -0.66 -4.19	53.74 -1.14 -3.12	47.22 -0.73 -2.17	42.36 -0.12 -1.41	40.74 1.69 -1.60
OZONE_PARK_ESR 323760	37.41 2.03 -0.39	32.87 1.59 -0.13	30.22 1.38 0.00	28.01 1.18 0.00	28.84 1.16 0.00	33.03 1.36 -0.11	42.30 1.80 -0.40	43.15 2.84 -0.30	41.58 3.05 -0.86	36.67 2.93 -1.52	36.86 3.24 -0.53	39.42 3.32 -2.19	39.95 3.42 -1.22	42.34 3.75 -1.09	44.61 3.94 -1.65	49.48 3.82 -1.77	53.26 3.62 -1.33	71.03 4.44 -0.31	73.02 4.25 -0.29	68.59 2.70 0.00	53.73 1.97 0.00	48.63 1.92 -0.93	43.98 1.97 -0.93	39.82 1.72 -0.64
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	35.64 -0.07 -0.73	32.58 0.97 -0.46	29.77 0.63 -0.30	27.47 0.48 -0.16	28.67 0.77 -0.22	32.91 0.85 -0.49	40.21 -0.96 -1.08	39.53 -1.64 -1.16	37.70 -0.94 -0.98	32.25 -0.55 -0.59	33.20 -0.63 -0.75	34.33 -0.41 -0.83	36.38 0.14 -0.93	38.48 -0.11 -1.10	39.54 -0.70 -1.22	45.15 -0.35 -1.61	51.75 0.24 -3.19	68.71 -0.13 -2.57	73.75 0.55 -4.72	69.42 -0.66 -4.19	53.74 -1.14 -3.12	47.22 -0.73 -2.17	42.36 -0.12 -1.41	40.74 1.69 -1.60
PACKARD___115KV_DUPONT_184 80571	35.64 -0.07 -0.73	32.58 0.97 -0.46	29.77 0.63 -0.30	27.47 0.48 -0.16	28.67 0.77 -0.22	32.91 0.85 -0.49	40.21 -0.96 -1.08	39.53 -1.64 -1.16	37.70 -0.94 -0.98	32.25 -0.55 -0.59	33.20 -0.63 -0.75	34.33 -0.41 -0.83	36.38 0.14 -0.93	38.48 -0.11 -1.10	39.54 -0.70 -1.22	45.15 -0.35 -1.61	51.75 0.24 -3.19	68.71 -0.13 -2.57	73.75 0.55 -4.72	69.42 -0.66 -4.19	53.74 -1.14 -3.12	47.22 -0.73 -2.17	42.36 -0.12 -1.41	40.74 1.69 -1.60
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	37.38 1.99 -0.40	32.85 1.56 -0.14	30.11 1.27 -0.01	27.96 1.13 -0.01	28.79 1.11 -0.01	32.92 1.23 -0.12	42.32 1.68 -0.54	43.29 2.68 -0.60	41.66 2.86 -1.14	36.41 2.67 -1.53	36.53 2.91 -0.54	39.28 2.85 -2.53	40.07 3.07 -1.70	42.12 3.37 -1.25	44.12 3.28 -1.82	49.08 3.38 -1.81	53.54 2.95 -2.28	71.23 3.58 -1.37	72.51 3.42 -0.60	68.58 1.78 -0.92	54.06 1.24 -1.05	48.27 1.56 -0.93	43.99 1.81 -1.10	39.75 1.65 -0.64
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	37.80 2.41 -0.40	33.26 1.96 -0.14	30.51 1.67 -0.01	28.28 1.45 -0.01	29.12 1.44 -0.01	33.33 1.64 -0.12	42.80 2.17 -0.54	43.77 3.16 -0.60	42.08 3.28 -1.14	36.77 3.03 -1.53	36.86 3.24 -0.54	39.62 3.19 -2.53	40.43 3.42 -1.70	42.53 3.79 -1.25	44.51 3.67 -1.82	49.56 3.86 -1.81	54.07 3.48 -2.28	71.96 4.31 -1.37	73.26 4.18 -0.60	69.31 2.50 -0.92	54.63 1.81 -1.05	48.72 2.01 -0.93	44.40 2.22 -1.10	40.13 2.02 -0.64
PATROON___115KV_TB1 80586	34.68 -0.03 0.27	30.91 -0.16 0.09	28.72 -0.12 0.00	26.83 0.00 0.00	27.56 -0.11 0.00	31.39 -0.09 0.08	39.70 -0.12 0.28	40.23 0.44 0.22	37.49 0.38 0.55	31.58 0.32 0.96	33.05 0.30 0.33	33.52 0.31 0.69	34.75 0.21 0.77	37.04 0.22 0.69	38.79 0.39 0.62	43.28 0.48 1.09	47.88 0.39 0.82	66.55 0.46 0.19	68.71 0.41 0.18	65.56 -0.33 0.00	51.50 -0.26 0.00	44.93 -0.27 0.58	40.33 -0.16 0.58	36.77 -0.30 0.39
PATTRSNVILLE___SOLAR 323815	35.70 0.94 0.23	31.83 0.75 0.08	29.58 0.75 0.00	27.52 0.70 0.00	28.37 0.69 0.00	32.28 0.79 0.07	41.02 1.16 0.24	41.23 1.40 0.18	38.11 0.90 0.45	31.94 0.51 0.79	33.17 0.36 0.27	33.61 0.27 0.57	34.95 0.28 0.64	37.27 0.34 0.57	38.98 0.47 0.51	43.69 0.70 0.91	48.74 1.11 0.68	68.24 2.12 0.16	70.94 2.60 0.15	67.80 1.91 0.00	53.21 1.45 0.00	46.49 1.19 0.48	41.70 1.11 0.48	38.03 0.90 0.33
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	35.77 0.03 -0.75	32.57 0.93 -0.48	29.72 0.58 -0.31	27.42 0.43 -0.17	28.65 0.75 -0.23	33.02 0.95 -0.51	41.37 0.16 -1.11	40.96 -0.24 -1.19	38.93 0.26 -1.01	33.24 0.42 -0.60	34.22 0.36 -0.77	35.43 0.68 -0.85	37.50 1.24 -0.96	39.71 1.09 -1.12	40.89 0.62 -1.25	46.82 1.27 -1.65	53.81 2.22 -3.28	71.56 2.65 -2.63	76.82 3.49 -4.85	72.23 2.04 -4.30	55.84 0.88 -3.20	48.74 0.73 -2.23	43.55 1.03 -1.45	40.82 1.72 -1.64
PAWLING_115_KV_BK3_REV_LBMP_H 345028	36.86 1.54 -0.34	32.48 1.22 -0.11	29.90 1.07 0.00	27.76 0.94 0.00	28.59 0.91 0.00	32.73 1.07 -0.10	41.96 1.52 -0.34	42.70 2.40 -0.30	40.89 2.37 -0.86	35.98 2.26 -1.51	36.04 2.45 -0.51	37.50 2.51 -1.08	39.09 2.58 -1.21	41.46 2.89 -1.08	43.04 3.04 -0.98	48.71 3.07 -1.75	52.58 2.95 -1.32	70.36 3.78 -0.30	72.47 3.70 -0.29	68.19 2.31 0.00	53.52 1.76 0.00	48.31 1.60 -0.92	43.61 1.60 -0.93	39.48 1.39 -0.63
PEEKSKILL___ 23653	36.70 1.33 -0.38	32.28 1.00 -0.13	29.70 0.86 0.00	27.58 0.75 0.00	28.42 0.75 0.00	32.49 0.82 -0.11	41.61 1.12 -0.39	42.34 2.04 -0.30	40.70 2.18 -0.85	35.83 2.13 -1.49	35.98 2.38 -0.52	37.84 2.41 -1.53	39.01 2.51 -1.20	41.30 2.74 -1.07	43.19 2.93 -1.24	48.31 2.68 -1.74	52.03 2.41 -1.30	69.57 2.99 -0.30	71.58 2.81 -0.28	67.34 1.45 0.00	52.74 0.98 0.00	47.75 1.05 -0.92	43.23 1.23 -0.92	39.21 1.12 -0.63
PGE MADISON___WINDPWR 24146	38.24 2.31 -0.94	33.97 2.21 -0.60	31.24 2.02 -0.39	28.86 1.82 -0.21	29.99 2.02 -0.29	34.63 2.43 -0.64	44.98 3.49 -1.39	44.95 3.56 -1.38	41.83 2.86 -1.30	34.98 1.77 -0.99	35.77 1.72 -0.97	36.88 1.80 -1.17	38.57 1.94 -1.32	41.04 2.06 -1.48	42.57 1.95 -1.60	49.02 2.90 -2.22	56.57 4.15 -4.10	75.89 6.43 -3.18	82.17 7.88 -5.81	78.19 7.18 -5.12	60.95 5.38 -3.81	53.10 4.53 -2.79	46.64 3.70 -1.86	42.54 3.03 -2.04

PIERCEFIELD___HYD 23852	48.68 0.87 -12.82	40.55 0.75 -8.65	30.76 0.61 -1.32	30.27 0.59 -2.86	36.07 0.61 -7.79	48.42 0.79 -16.07	62.04 1.12 -20.82	81.79 0.56 -41.22	78.11 0.45 -39.99	49.10 0.32 -16.56	59.89 0.36 -26.45	59.15 0.34 -24.91	43.58 0.18 -8.10	38.02 0.07 -0.44	39.47 -0.04 -0.49	44.45 -0.09 -0.64	49.30 -0.29 -1.27	74.49 -0.33 -8.54	81.36 -0.48 -13.35	77.69 0.59 -11.21	53.78 0.78 -1.24	47.74 1.10 -0.87	42.67 1.03 -0.56	39.00 0.90 -0.64
PINELAWN_CC_1 323563	37.26 1.89 -0.39	32.59 1.31 -0.13	29.90 1.07 0.00	27.66 0.83 0.00	28.45 0.77 0.00	32.69 1.01 -0.11	41.68 1.12 -0.46	42.71 2.40 -0.30	40.98 2.34 -0.98	36.25 2.51 -1.52	36.60 2.98 -0.54	39.33 2.92 -2.50	39.78 3.04 -1.44	41.96 3.30 -1.16	44.39 3.51 -1.86	47.73 2.06 -1.78	51.65 1.59 -1.75	68.18 1.13 -0.78	70.00 1.09 -0.42	65.42 -0.46 0.01	52.28 0.05 -0.47	47.34 0.64 -0.92	43.44 1.35 -1.01	39.37 1.27 -0.64
PJM_GEN_HTP_PROXY 323702	37.02 1.64 -0.39	32.53 1.25 -0.13	29.93 1.10 0.00	27.76 0.94 0.00	28.59 0.91 0.00	32.72 1.04 -0.11	41.90 1.40 -0.40	42.75 2.44 -0.30	41.16 2.64 -0.86	36.32 2.58 -1.52	36.49 2.88 -0.53	38.90 2.92 -2.08	39.56 3.04 -1.22	41.85 3.26 -1.09	44.07 3.47 -1.58	48.86 3.20 -1.77	52.49 2.85 -1.33	70.16 3.58 -0.31	72.06 3.29 -0.29	67.73 1.84 0.00	53.00 1.24 0.00	48.06 1.33 -0.95	43.55 1.56 -0.91	39.48 1.39 -0.64
PJM_GEN_KEystone 24065	36.10 0.45 -0.66	32.20 0.68 -0.36	29.51 0.49 -0.19	27.30 0.38 -0.10	28.37 0.55 -0.14	32.53 0.60 -0.37	41.18 0.32 -0.77	41.20 0.56 -0.63	39.41 0.90 -0.84	34.38 1.00 -1.16	34.95 1.13 -0.75	36.01 1.32 -0.78	37.72 1.52 -0.89	40.16 1.54 -1.12	41.55 1.48 -1.05	46.91 1.58 -1.44	51.89 1.74 -1.84	69.13 1.99 -0.86	73.73 2.40 -2.85	68.69 0.99 -1.81	53.18 0.41 -1.01	47.78 0.46 -1.54	43.03 0.74 -1.21	39.88 1.09 -1.33
PJM_GEN_NEPTUNE_PROXY 323594	36.85 1.47 -0.39	32.25 0.97 -0.13	29.58 0.75 0.00	27.39 0.56 0.00	28.20 0.52 0.00	32.34 0.66 -0.11	41.24 0.68 -0.46	42.19 1.88 -0.30	40.57 1.92 -0.98	35.89 2.16 -1.52	36.13 2.51 -0.54	38.53 2.47 -2.15	39.36 2.61 -1.44	41.47 2.81 -1.16	43.54 2.89 -1.63	47.69 2.02 -1.78	51.65 1.59 -1.74	68.77 1.72 -0.77	70.34 1.44 -0.42	65.92 0.13 0.10	52.22 0.00 -0.46	46.91 0.18 -0.95	42.92 0.86 -0.98	38.96 0.86 -0.64
PJM_GEN_VFT_PROXY 323633	36.85 1.47 -0.39	32.38 1.09 -0.13	29.76 0.92 0.00	27.60 0.78 0.00	28.42 0.75 0.00	32.53 0.85 -0.11	40.85 1.16 0.41	40.86 2.20 1.35	39.48 2.45 0.63	36.22 2.48 -1.52	36.36 2.74 -0.53	36.18 2.81 0.54	37.67 3.08 0.46	40.79 3.15 -0.21	41.55 2.83 0.75	41.89 3.28 0.90	46.01 2.90 4.81	63.35 3.05 5.98	69.66 2.74 1.57	61.26 1.32 5.95	45.73 0.83 6.85	43.06 1.01 3.72	42.32 1.27 0.03	39.21 1.12 -0.63
PLATSBURG_115KV_PMLD1 355749	37.41 1.47 -0.95	33.11 1.31 -0.64	29.96 1.04 -0.09	27.92 0.89 -0.21	29.14 0.89 -0.58	33.84 1.07 -1.21	43.05 1.40 -1.55	44.11 1.00 -3.10	41.69 1.02 -3.01	34.52 1.06 -1.24	36.23 1.16 -1.99	36.83 1.05 -1.87	36.67 0.78 -0.59	38.14 0.64 0.00	39.45 0.43 0.00	43.46 -0.44 0.00	47.20 -1.11 0.00	65.79 -1.06 -0.57	67.78 -1.58 -0.87	65.56 -1.05 -0.73	50.78 -0.98 0.00	45.41 -0.37 0.00	41.49 0.41 0.00	37.95 0.49 0.00
PLEASANTVLY___LBMP 24000	36.43 1.01 -0.43	32.01 0.72 -0.14	29.52 0.69 0.00	27.44 0.62 0.00	28.23 0.55 0.00	32.29 0.60 -0.13	41.34 0.80 -0.44	41.98 1.64 -0.33	40.40 1.81 -0.93	35.63 1.77 -1.64	35.62 1.98 -0.56	37.09 2.03 -1.14	38.67 2.05 -1.31	40.96 2.29 -1.17	42.52 2.46 -1.04	48.08 2.28 -1.90	51.77 2.03 -1.43	69.00 2.39 -0.33	71.05 2.26 -0.31	66.88 0.99 0.00	52.48 0.72 0.00	47.56 0.78 -1.00	42.99 0.90 -1.01	38.93 0.79 -0.69
PLSNTVLE_13_KV_13.8KVDIST 80602	36.78 1.40 -0.39	32.35 1.06 -0.13	29.78 0.95 0.00	27.66 0.83 0.00	28.48 0.80 0.00	32.59 0.92 -0.11	41.74 1.24 -0.40	42.47 2.16 -0.30	40.83 2.30 -0.87	35.96 2.22 -1.53	36.07 2.48 -0.51	36.73 2.54 -0.28	39.14 2.61 -1.22	41.44 2.85 -1.09	42.60 3.08 -0.50	48.56 2.90 -1.77	52.30 2.66 -1.33	69.77 3.18 -0.31	71.85 3.08 -0.29	67.60 1.71 0.00	53.00 1.24 0.00	47.95 1.24 -0.94	43.37 1.36 -0.94	39.26 1.16 -0.64
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	36.78 1.40 -0.39	32.35 1.06 -0.13	29.78 0.95 0.00	27.66 0.83 0.00	28.48 0.80 0.00	32.59 0.92 -0.11	41.74 1.24 -0.40	42.47 2.16 -0.30	40.83 2.30 -0.87	35.96 2.22 -1.53	36.07 2.48 -0.51	36.73 2.54 -0.28	39.14 2.61 -1.22	41.44 2.85 -1.09	42.60 3.08 -0.50	48.56 2.90 -1.77	52.30 2.66 -1.33	69.77 3.18 -0.31	71.85 3.08 -0.29	67.60 1.71 0.00	53.00 1.24 0.00	47.95 1.24 -0.94	43.37 1.36 -0.94	39.26 1.16 -0.64
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	36.10 1.22 0.11	32.02 0.90 0.04	29.67 0.84 0.00	27.58 0.75 0.00	28.39 0.72 0.00	32.29 0.76 0.03	41.10 1.12 0.11	42.22 1.92 -0.29	40.49 1.96 -0.87	35.61 1.87 -1.53	35.65 2.05 -0.52	37.08 2.10 -1.07	38.69 2.15 -1.23	40.99 2.40 -1.09	42.57 2.58 -0.97	48.17 2.50 -1.77	52.02 2.37 -1.34	69.51 2.92 -0.31	71.58 2.81 -0.29	67.40 1.52 0.00	52.90 1.14 0.00	47.82 1.10 -0.94	43.17 1.15 -0.94	39.07 0.97 -0.64
POLETTI_____ 23519	23.78 1.78 12.99	23.78 1.37 8.75	23.78 1.07 6.12	23.78 0.94 3.98	23.78 0.91 4.81	23.78 1.04 8.82	23.78 1.48 17.80	23.78 2.48 18.71	23.78 2.64 16.52	23.78 2.51 10.95	25.81 2.75 10.01	25.88 2.68 10.71	25.81 2.86 12.36	25.85 3.19 14.84	25.85 3.08 16.25	25.94 3.12 21.07	26.00 2.61 24.92	46.79 3.12 22.60	51.93 2.94 19.50	44.91 1.38 22.36	28.90 0.93 23.79	26.89 1.24 20.12	25.81 1.56 16.83	25.77 1.42 13.11
POMONA___ESR 323819	36.69 1.33 -0.37	32.28 1.00 -0.12	29.73 0.89 0.00	27.60 0.78 0.00	28.45 0.77 0.00	32.52 0.85 -0.11	41.64 1.16 -0.38	42.37 2.08 -0.29	40.71 2.22 -0.83	35.82 2.16 -1.45	35.99 2.41 -0.50	37.71 2.41 -1.40	39.01 2.54 -1.16	41.31 2.77 -1.04	43.14 2.96 -1.15	48.35 2.77 -1.69	52.09 2.51 -1.27	69.75 3.18 -0.29	71.77 3.01 -0.28	67.54 1.65 0.00	52.85 1.09 0.00	47.77 1.10 -0.89	43.28 1.31 -0.89	39.23 1.16 -0.61
PORT_JEFF_3 23555	37.16 1.78 -0.39	32.41 1.12 -0.13	29.64 0.81 0.00	27.39 0.56 0.00	28.17 0.50 0.00	32.40 0.73 -0.11	41.44 0.88 -0.46	42.59 2.28 -0.30	40.87 2.22 -0.98	36.18 2.45 -1.52	36.63 3.01 -0.54	38.95 2.75 -2.30	39.60 2.86 -1.44	41.81 3.15 -1.16	44.22 3.47 -1.73	47.86 2.19 -1.78	51.75 1.69 -1.74	68.25 1.19 -0.77	69.79 0.89 -0.42	65.63 -0.20 0.06	52.22 0.00 -0.47	46.89 0.18 -0.92	43.19 1.11 -1.01	39.26 1.16 -0.64
PORT_JEFF_4 23616	37.16 1.78 -0.39	32.41 1.12 -0.13	29.64 0.81 0.00	27.39 0.56 0.00	28.17 0.50 0.00	32.40 0.73 -0.11	41.44 0.88 -0.46	42.59 2.28 -0.30	40.87 2.22 -0.98	36.18 2.45 -1.52	36.63 3.01 -0.54	38.95 2.75 -2.30	39.60 2.86 -1.44	41.81 3.15 -1.16	44.22 3.47 -1.73	47.86 2.19 -1.78	51.75 1.69 -1.74	68.25 1.19 -0.77	69.79 0.89 -0.42	65.63 -0.20 0.06	52.22 0.00 -0.47	46.89 0.18 -0.92	43.19 1.11 -1.01	39.26 1.16 -0.64

PORT_JEFF_IC 23713	37.20 1.82 -0.39	32.44 1.15 -0.13	29.67 0.84 0.00	27.42 0.59 0.00	28.20 0.53 0.00	32.43 0.76 -0.11	41.48 0.92 -0.46	42.76 2.32 -0.43	40.91 2.26 -0.98	36.21 2.48 -1.52	36.66 3.04 -0.54	39.33 3.12 -2.30	39.67 2.93 -1.44	41.89 3.22 -1.16	44.31 3.55 -1.74	48.26 2.59 -1.78	51.99 1.93 -1.74	68.18 1.13 -0.77	69.93 1.03 -0.42	65.37 -0.46 0.06	52.59 0.36 -0.47	47.11 0.41 -0.92	43.23 1.15 -1.01	38.73 0.64 -0.64
PPL PILGRIM_ST_GT1 24216	37.72 2.34 -0.39	32.94 1.65 -0.13	30.19 1.36 0.00	27.90 1.07 0.00	28.73 1.05 0.00	33.00 1.33 -0.11	42.20 1.64 -0.46	43.27 2.96 -0.30	41.47 2.83 -0.98	36.69 2.96 -1.52	37.12 3.50 -0.54	39.67 3.42 -2.34	40.31 3.56 -1.44	42.52 3.86 -1.16	44.95 4.18 -1.76	48.66 2.99 -1.78	52.71 2.66 -1.74	68.84 1.79 -0.78	70.41 1.50 -0.42	66.04 0.20 0.05	53.00 0.78 -0.47	47.85 1.14 -0.92	43.97 1.89 -1.01	39.86 1.76 -0.64
PPL PILGRIM_ST_GT2 24217	37.72 2.34 -0.39	32.94 1.65 -0.13	30.19 1.36 0.00	27.90 1.07 0.00	28.73 1.05 0.00	33.00 1.33 -0.11	42.20 1.64 -0.46	43.27 2.96 -0.30	41.47 2.83 -0.98	36.69 2.96 -1.52	37.12 3.50 -0.54	39.67 3.42 -2.34	40.31 3.56 -1.44	42.52 3.86 -1.16	44.95 4.18 -1.76	48.66 2.99 -1.78	52.71 2.66 -1.74	68.84 1.79 -0.78	70.41 1.50 -0.42	66.04 0.20 0.05	53.00 0.78 -0.47	47.85 1.14 -0.92	43.97 1.89 -1.01	39.86 1.76 -0.64
PPL_SHRM_GT3 24213	36.81 1.43 -0.39	32.03 0.75 -0.13	29.29 0.46 0.00	27.04 0.21 0.00	27.81 0.14 0.00	31.99 0.32 -0.11	40.96 0.40 -0.46	42.19 1.88 -0.30	40.42 1.77 -0.98	35.80 2.06 -1.52	36.27 2.65 -0.54	38.54 2.34 -2.30	39.18 2.43 -1.44	41.40 2.74 -1.16	43.87 3.12 -1.73	47.43 1.76 -1.78	51.27 1.21 -1.74	67.78 0.73 -0.77	69.39 0.48 -0.42	65.10 -0.72 0.06	51.76 -0.47 -0.47	46.43 -0.27 -0.92	42.78 0.70 -1.01	38.88 0.79 -0.64
PPL_SHRM_GT4 24214	36.81 1.43 -0.39	32.03 0.75 -0.13	29.29 0.46 0.00	27.04 0.21 0.00	27.81 0.14 0.00	31.99 0.32 -0.11	40.96 0.40 -0.46	42.19 1.88 -0.30	40.42 1.77 -0.98	35.80 2.06 -1.52	36.27 2.65 -0.54	38.54 2.34 -2.30	39.18 2.43 -1.44	41.40 2.74 -1.16	43.87 3.12 -1.73	47.43 1.76 -1.78	51.27 1.21 -1.74	67.78 0.73 -0.77	69.39 0.48 -0.42	65.10 -0.72 0.06	51.76 -0.47 -0.47	46.43 -0.27 -0.92	42.78 0.70 -1.01	38.88 0.79 -0.64
PROJECT___ORANGE 1 24174	36.51 -0.14 -1.67	32.23 0.00 -1.08	29.38 -0.03 -0.57	27.14 -0.05 -0.37	28.30 0.00 -0.63	32.88 -0.03 -1.35	42.49 -0.12 -2.52	43.19 0.04 -3.15	40.48 0.00 -2.82	33.62 -0.06 -1.46	35.05 -0.07 -2.04	35.95 -0.07 -2.12	37.13 0.04 -1.79	39.37 0.04 -1.83	41.10 0.04 -2.04	46.72 0.18 -2.65	54.02 0.43 -5.28	71.27 0.53 -4.46	77.38 0.75 -8.14	73.56 0.46 -7.21	57.07 0.16 -5.15	49.32 -0.05 -3.59	43.32 -0.08 -2.33	40.06 -0.04 -2.64
PROJECT___ORANGE 2 24166	36.51 -0.14 -1.67	32.23 0.00 -1.08	29.38 -0.03 -0.57	27.14 -0.05 -0.37	28.30 0.00 -0.63	32.88 -0.03 -1.35	42.49 -0.12 -2.52	43.19 0.04 -3.15	40.48 0.00 -2.82	33.62 -0.06 -1.46	35.05 -0.07 -2.04	35.95 -0.07 -2.12	37.13 0.04 -1.79	39.37 0.04 -1.83	41.10 0.04 -2.04	46.72 0.18 -2.65	54.02 0.43 -5.28	71.27 0.53 -4.46	77.38 0.75 -8.14	73.56 0.46 -7.21	57.07 0.16 -5.15	49.32 -0.05 -3.59	43.32 -0.08 -2.33	40.06 -0.04 -2.64
PUCKETT___SOLAR 323809	36.69 0.81 -0.90	32.63 0.90 -0.57	29.98 0.78 -0.37	27.72 0.70 -0.20	28.78 0.83 -0.28	33.12 0.95 -0.61	42.63 1.20 -1.33	42.64 1.28 -1.35	40.06 1.13 -1.27	33.92 0.74 -0.96	34.69 0.66 -0.95	35.76 0.71 -1.14	37.44 0.85 -1.29	39.84 0.90 -1.44	41.44 0.86 -1.56	47.28 1.23 -2.15	54.08 1.84 -3.93	71.97 2.65 -3.04	77.45 3.42 -5.54	73.47 2.70 -4.88	57.25 1.86 -3.63	49.97 1.51 -2.68	44.22 1.35 -1.79	40.73 1.31 -1.96
PYRITES___HYD 24023	49.79 1.26 -13.55	41.39 1.09 -9.14	31.14 0.92 -1.38	30.73 0.89 -3.02	36.83 0.91 -8.24	49.72 1.17 -17.00	63.82 1.72 -22.00	84.66 1.04 -43.62	80.74 0.75 -42.32	50.18 0.45 -17.52	61.56 0.50 -27.99	60.73 0.47 -26.35	44.15 0.32 -8.53	38.13 0.22 -0.41	39.59 0.12 -0.46	44.62 0.13 -0.60	49.64 0.14 -1.18	75.73 0.53 -8.92	83.14 0.75 -13.91	79.46 1.91 -11.66	54.68 1.76 -1.16	48.55 1.97 -0.81	43.24 1.64 -0.52	39.44 1.39 -0.59
QUAKERRD_115KV_BK1 80622	35.04 -0.70 -0.76	31.39 -0.25 -0.48	28.83 -0.32 -0.31	26.64 -0.35 -0.17	27.66 -0.25 -0.23	31.88 -0.19 -0.51	40.65 -0.56 -1.12	40.58 -0.64 -1.22	38.28 -0.41 -1.03	32.48 -0.35 -0.61	33.44 -0.43 -0.79	34.47 -0.31 -0.87	36.39 0.11 -0.98	38.61 -0.04 -1.15	39.91 -0.39 -1.28	45.53 -0.04 -1.68	52.19 0.53 -3.34	69.76 0.80 -2.69	74.73 1.30 -4.94	70.93 0.66 -4.39	55.02 0.00 -3.26	47.87 -0.18 -2.27	42.55 0.00 -1.48	39.62 0.49 -1.67
QUENSBRY_115KV_TB8 356137	35.64 0.98 0.32	31.86 0.81 0.11	29.61 0.78 0.00	27.55 0.72 0.00	28.37 0.69 0.00	32.35 0.88 0.09	41.17 1.40 0.33	41.56 1.80 0.25	38.16 1.13 0.63	31.89 0.77 1.10	33.30 0.60 0.38	33.63 0.51 0.79	34.88 0.46 0.88	37.24 0.52 0.79	39.05 0.74 0.71	43.86 1.23 1.26	49.10 1.74 0.95	68.98 2.92 0.22	71.77 3.49 0.21	68.45 2.57 0.00	53.67 1.92 0.00	46.62 1.51 0.67	41.64 1.23 0.67	37.90 0.90 0.45
RAMAPO___LBMP 323565	36.58 1.22 -0.37	32.18 0.90 -0.12	29.64 0.81 0.00	27.50 0.67 0.00	28.34 0.66 0.00	32.39 0.73 -0.11	41.47 1.00 -0.37	42.17 1.88 -0.28	40.55 2.07 -0.82	35.68 2.03 -1.43	35.82 2.25 -0.49	37.61 2.34 -1.36	38.86 2.40 -1.15	41.15 2.62 -1.02	42.96 2.81 -1.13	48.19 2.63 -1.67	51.98 2.42 -1.25	69.55 2.98 -0.29	71.63 2.88 -0.27	67.40 1.52 0.00	52.79 1.04 0.00	47.71 1.05 -0.88	43.11 1.15 -0.88	39.07 1.01 -0.60
RANKINE____ 23646	36.02 0.28 -0.75	32.82 1.18 -0.48	29.98 0.84 -0.31	27.64 0.64 -0.17	28.85 0.94 -0.23	33.24 1.17 -0.51	41.52 0.32 -1.11	40.99 -0.20 -1.18	39.00 0.34 -1.00	33.27 0.45 -0.60	34.28 0.43 -0.77	35.43 0.68 -0.85	37.53 1.27 -0.95	39.74 1.12 -1.12	40.89 0.62 -1.25	46.77 1.23 -1.64	53.70 2.13 -3.27	71.42 2.52 -2.62	76.67 3.36 -4.83	72.15 1.98 -4.29	55.83 0.88 -3.19	48.82 0.82 -2.22	43.71 1.19 -1.44	41.08 1.99 -1.63
RAVENSWOOD_GT2_1 24244	37.06 1.68 -0.39	32.59 1.31 -0.13	29.99 1.15 0.00	27.79 0.97 0.00	28.64 0.97 0.00	32.75 1.07 -0.11	42.00 1.44 -0.46	42.88 2.44 -0.44	41.32 2.67 -0.99	36.35 2.61 -1.53	36.49 2.88 -0.54	39.50 2.95 -2.64	39.77 3.04 -1.43	41.96 3.30 -1.16	44.40 3.47 -1.90	48.97 3.29 -1.79	53.07 3.00 -1.76	70.65 3.58 -0.79	72.34 3.42 -0.43	68.22 1.91 -0.42	53.59 1.35 -0.48	48.13 1.42 -0.93	43.64 1.56 -1.01	39.48 1.39 -0.64
RAVENSWOOD_GT2_2 24245	37.06 1.68 -0.39	32.59 1.31 -0.13	29.99 1.15 0.00	27.79 0.97 0.00	28.64 0.97 0.00	32.75 1.07 -0.11	42.00 1.44 -0.46	42.88 2.44 -0.44	41.32 2.67 -0.99	36.35 2.61 -1.53	36.49 2.88 -0.54	39.50 2.95 -2.64	39.77 3.04 -1.43	41.96 3.30 -1.16	44.40 3.47 -1.90	48.97 3.29 -1.79	53.07 3.00 -1.76	70.65 3.58 -0.79	72.34 3.42 -0.43	68.22 1.91 -0.42	53.59 1.35 -0.48	48.13 1.42 -0.93	43.64 1.56 -1.01	39.48 1.39 -0.64

RAVENSWOOD_GT2_3 24246	37.09 1.71 -0.39	32.59 1.31 -0.13	29.99 1.15 0.00	27.82 0.99 0.00	28.64 0.97 0.00	32.78 1.10 -0.11	42.04 1.48 -0.46	42.92 2.48 -0.44	41.32 2.67 -0.99	36.35 2.61 -1.53	36.53 2.91 -0.54	39.53 2.98 -2.64	39.81 3.07 -1.43	42.00 3.34 -1.16	44.44 3.51 -1.90	49.02 3.34 -1.79	53.11 3.04 -1.76	70.71 3.65 -0.79	72.41 3.49 -0.43	68.22 1.91 -0.42	53.64 1.40 -0.48	48.18 1.46 -0.93	43.68 1.60 -1.01	39.48 1.39 -0.64
RAVENSWOOD_GT2_4 24247	37.09 1.71 -0.39	32.59 1.31 -0.13	29.99 1.15 0.00	27.82 0.99 0.00	28.64 0.97 0.00	32.78 1.10 -0.11	42.04 1.48 -0.46	42.92 2.48 -0.44	41.32 2.67 -0.99	36.35 2.61 -1.53	36.53 2.91 -0.54	39.53 2.98 -2.64	39.81 3.07 -1.43	42.00 3.34 -1.16	44.44 3.51 -1.90	49.02 3.34 -1.79	53.11 3.04 -1.76	70.71 3.65 -0.79	72.41 3.49 -0.43	68.22 1.91 -0.42	53.64 1.40 -0.48	48.18 1.46 -0.93	43.68 1.60 -1.01	39.48 1.39 -0.64
RAVENSWOOD_GT3_1 24248	37.06 1.68 -0.39	32.59 1.31 -0.13	29.99 1.15 0.00	27.79 0.97 0.00	28.64 0.97 0.00	32.75 1.07 -0.11	42.00 1.44 -0.46	42.88 2.44 -0.44	41.32 2.67 -0.99	36.35 2.61 -1.53	36.53 2.91 -0.54	39.50 2.95 -2.64	39.77 3.04 -1.43	42.00 3.34 -1.16	44.44 3.51 -1.90	48.97 3.29 -1.79	53.07 3.00 -1.76	70.65 3.58 -0.79	72.34 3.42 -0.43	68.22 1.91 -0.42	53.59 1.35 -0.48	48.18 1.46 -0.93	43.64 1.56 -1.01	39.48 1.39 -0.64
RAVENSWOOD_GT3_2 24249	37.06 1.68 -0.39	32.59 1.31 -0.13	29.99 1.15 0.00	27.79 0.97 0.00	28.64 0.97 0.00	32.75 1.07 -0.11	42.00 1.44 -0.46	42.88 2.44 -0.44	41.32 2.67 -0.99	36.35 2.61 -1.53	36.53 2.91 -0.54	39.50 2.95 -2.64	39.77 3.04 -1.43	42.00 3.34 -1.16	44.44 3.51 -1.90	48.97 3.29 -1.79	53.07 3.00 -1.76	70.65 3.58 -0.79	72.34 3.42 -0.43	68.22 1.91 -0.42	53.59 1.35 -0.48	48.18 1.46 -0.93	43.64 1.56 -1.01	39.48 1.39 -0.64
RAVENSWOOD_GT3_3 24250	37.13 1.75 -0.39	32.62 1.34 -0.13	30.01 1.18 0.00	27.82 0.99 0.00	28.67 1.00 0.00	32.81 1.14 -0.11	42.08 1.52 -0.46	42.96 2.52 -0.44	41.36 2.71 -0.99	36.41 2.67 -1.53	36.56 2.94 -0.54	39.57 3.02 -2.64	39.84 3.11 -1.43	42.04 3.37 -1.16	44.47 3.55 -1.90	49.06 3.38 -1.79	53.16 3.09 -1.76	70.78 3.71 -0.79	72.47 3.56 -0.43	68.35 2.04 -0.42	53.69 1.45 -0.48	48.22 1.51 -0.93	43.73 1.64 -1.01	39.52 1.42 -0.64
RAVENSWOOD_GT3_4 24251	37.13 1.75 -0.39	32.62 1.34 -0.13	30.01 1.18 0.00	27.82 0.99 0.00	28.67 1.00 0.00	32.81 1.14 -0.11	42.08 1.52 -0.46	42.96 2.52 -0.44	41.36 2.71 -0.99	36.41 2.67 -1.53	36.56 2.94 -0.54	39.57 3.02 -2.64	39.84 3.11 -1.43	42.04 3.37 -1.16	44.47 3.55 -1.90	49.06 3.38 -1.79	53.16 3.09 -1.76	70.78 3.71 -0.79	72.47 3.56 -0.43	68.35 2.04 -0.42	53.69 1.45 -0.48	48.22 1.51 -0.93	43.73 1.64 -1.01	39.52 1.42 -0.64
RAVENSWOOD_GT_1 23729	37.23 1.85 -0.39	32.76 1.46 -0.14	30.14 1.30 -0.01	27.93 1.10 -0.01	28.79 1.11 -0.01	32.92 1.23 -0.12	43.17 1.60 -1.47	45.26 2.64 -2.61	43.49 2.86 -2.97	36.51 2.77 -1.53	36.66 3.04 -0.54	45.11 3.09 -8.12	43.31 3.21 -4.79	43.30 3.49 -2.31	47.67 3.55 -5.10	49.36 3.38 -2.09	59.96 2.90 -8.75	78.39 3.51 -8.60	74.58 3.36 -2.74	74.88 1.71 -7.28	61.38 1.24 -8.38	48.22 1.51 -0.93	44.94 1.68 -2.18	39.59 1.50 -0.64
RAVENSWOOD_GT_10 24258	37.06 1.68 -0.39	32.59 1.31 -0.13	29.99 1.15 0.00	27.79 0.97 0.00	28.64 0.97 0.00	32.75 1.07 -0.11	42.12 1.44 -0.58	43.14 2.44 -0.69	41.55 2.67 -1.22	36.35 2.61 -1.53	36.49 2.88 -0.54	40.16 2.95 -3.31	40.18 3.04 -1.84	42.10 3.30 -1.30	44.81 3.51 -2.28	49.01 3.29 -1.82	53.94 3.04 -2.58	71.63 3.65 -1.71	72.61 3.42 -0.70	69.01 1.91 -1.21	54.55 1.40 -1.39	48.18 1.46 -0.93	43.78 1.56 -1.14	39.48 1.39 -0.64
RAVENSWOOD_GT_11 24259	37.06 1.68 -0.39	32.59 1.31 -0.13	29.99 1.15 0.00	27.79 0.97 0.00	28.64 0.97 0.00	32.75 1.07 -0.11	42.12 1.44 -0.58	43.14 2.44 -0.69	41.55 2.67 -1.22	36.35 2.61 -1.53	36.49 2.88 -0.54	40.16 2.95 -3.31	40.18 3.04 -1.84	42.10 3.30 -1.30	44.81 3.51 -2.28	49.01 3.29 -1.82	53.94 3.04 -2.58	71.63 3.65 -1.71	72.61 3.42 -0.70	69.01 1.91 -1.21	54.55 1.40 -1.39	48.18 1.46 -0.93	43.78 1.56 -1.14	39.48 1.39 -0.64
RAVENSWOOD_GT_4 24252	37.02 1.64 -0.39	32.56 1.28 -0.12	29.95 1.12 0.01	27.76 0.94 0.01	28.61 0.94 0.01	32.71 1.04 -0.11	41.59 1.44 -0.05	42.01 2.44 0.44	40.48 2.64 -0.18	36.32 2.58 -1.53	36.49 2.88 -0.54	37.07 2.95 -0.21	38.24 3.00 0.07	41.50 3.30 -0.70	43.15 3.51 -0.62	48.85 3.29 -1.66	50.28 3.04 1.07	67.55 3.65 2.37	71.47 3.49 0.50	65.64 1.98 2.22	50.65 1.45 2.56	48.13 1.42 -0.93	43.17 1.56 -0.53	39.44 1.35 -0.64
RAVENSWOOD_GT_5 24254	37.02 1.64 -0.39	32.56 1.28 -0.12	29.95 1.12 0.01	27.76 0.94 0.01	28.61 0.94 0.01	32.71 1.04 -0.11	41.59 1.44 -0.05	42.01 2.44 0.44	40.48 2.64 -0.18	36.32 2.58 -1.53	36.49 2.88 -0.54	37.07 2.95 -0.21	38.24 3.00 0.07	41.50 3.30 -0.70	43.15 3.51 -0.62	48.85 3.29 -1.66	50.28 3.04 1.07	67.55 3.65 2.37	71.47 3.49 0.50	65.64 1.98 2.22	50.65 1.45 2.56	48.13 1.42 -0.93	43.17 1.56 -0.53	39.44 1.35 -0.64
RAVENSWOOD_GT_6 24253	37.02 1.64 -0.39	32.56 1.28 -0.12	29.95 1.12 0.01	27.76 0.94 0.01	28.61 0.94 0.01	32.71 1.04 -0.11	41.59 1.44 -0.05	42.01 2.44 0.44	40.48 2.64 -0.18	36.32 2.58 -1.53	36.49 2.88 -0.54	37.07 2.95 -0.21	38.24 3.00 0.07	41.50 3.30 -0.70	43.15 3.51 -0.62	48.85 3.29 -1.66	50.28 3.04 1.07	67.55 3.65 2.37	71.47 3.49 0.50	65.64 1.98 2.22	50.65 1.45 2.56	48.13 1.42 -0.93	43.17 1.56 -0.53	39.44 1.35 -0.64
RAVENSWOOD_GT_7 24255	37.02 1.64 -0.39	32.56 1.28 -0.12	29.95 1.12 0.01	27.76 0.94 0.01	28.61 0.94 0.01	32.71 1.04 -0.11	41.59 1.44 -0.05	42.01 2.44 0.44	40.48 2.64 -0.18	36.32 2.58 -1.53	36.49 2.88 -0.54	37.07 2.95 -0.21	38.24 3.00 0.07	41.50 3.30 -0.70	43.15 3.51 -0.62	48.85 3.29 -1.66	50.28 3.04 1.07	67.55 3.65 2.37	71.47 3.49 0.50	65.64 1.98 2.22	50.65 1.45 2.56	48.13 1.42 -0.93	43.17 1.56 -0.53	39.44 1.35 -0.64
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	37.06 1.68 -0.39	32.59 1.31 -0.13	29.99 1.15 0.00	27.79 0.97 0.00	28.64 0.97 0.00	32.75 1.07 -0.11	42.12 1.44 -0.58	43.14 2.44 -0.69	41.55 2.67 -1.22	36.35 2.61 -1.53	36.49 2.88 -0.54	40.16 2.95 -3.31	40.18 3.04 -1.84	42.10 3.30 -1.30	44.81 3.51 -2.28	49.01 3.29 -1.82	53.94 3.04 -2.58	71.63 3.65 -1.71	72.61 3.42 -0.70	69.01 1.91 -1.21	54.55 1.40 -1.39	48.18 1.46 -0.93	43.78 1.56 -1.14	39.48 1.39 -0.64
RAVENSWOOD_GT_9 24257	37.06 1.68 -0.39	32.59 1.31 -0.13	29.99 1.15 0.00	27.79 0.97 0.00	28.64 0.97 0.00	32.75 1.07 -0.11	42.12 1.44 -0.58	43.14 2.44 -0.69	41.55 2.67 -1.22	36.35 2.61 -1.53	36.49 2.88 -0.54	40.16 2.95 -3.31	40.18 3.04 -1.84	42.10 3.30 -1.30	44.81 3.51 -2.28	49.01 3.29 -1.82	53.94 3.04 -2.58	71.63 3.65 -1.71	72.61 3.42 -0.70	69.01 1.91 -1.21	54.55 1.40 -1.39	48.18 1.46 -0.93	43.78 1.56 -1.14	39.48 1.39 -0.64

RAVENSWOOD___1 23533	37.23 1.85 -0.39	32.76 1.46 -0.14	30.14 1.30 -0.01	27.93 1.10 -0.01	28.79 1.11 -0.01	32.91 1.23 -0.12	42.97 1.64 -1.23	44.70 2.60 -2.09	42.99 2.83 -2.50	36.48 2.74 -1.53	36.66 3.04 -0.54	43.85 2.98 -6.96	42.61 3.21 -4.09	42.99 3.45 -2.04	46.87 3.51 -4.34	49.16 3.25 -2.02	58.11 2.70 -7.10	76.41 3.38 -6.75	73.76 3.08 -2.20	73.03 1.58 -5.57	59.20 1.03 -6.41	48.08 1.37 -0.93	44.66 1.68 -1.90	39.63 1.54 -0.64
RAVENSWOOD___2 23534	37.19 1.82 -0.39	32.70 1.40 -0.14	30.08 1.24 -0.01	27.88 1.05 -0.01	28.73 1.05 -0.01	32.85 1.17 -0.12	42.88 1.56 -1.22	44.61 2.52 -2.08	42.90 2.75 -2.49	36.41 2.67 -1.53	36.59 2.98 -0.54	43.74 2.92 -6.92	42.52 3.14 -4.07	42.91 3.38 -2.03	46.77 3.43 -4.32	49.03 3.12 -2.01	57.63 2.27 -7.05	75.76 2.78 -6.70	73.12 2.46 -2.18	72.40 0.99 -5.52	58.79 0.67 -6.36	47.99 1.28 -0.93	44.53 1.56 -1.89	39.56 1.46 -0.64
RAVENSWOOD___3 23535	37.06 1.68 -0.39	32.59 1.31 -0.13	29.99 1.15 0.00	27.79 0.96 0.00	28.64 0.97 0.00	32.75 1.07 -0.11	42.00 1.44 -0.46	42.88 2.44 -0.43	41.32 2.67 -0.99	36.35 2.61 -1.53	36.53 2.91 -0.54	39.47 2.92 -2.64	39.77 3.04 -1.43	41.96 3.30 -1.16	44.39 3.47 -1.90	48.88 3.20 -1.79	52.92 2.85 -1.76	70.58 3.51 -0.79	72.20 3.29 -0.43	68.08 1.78 -0.42	53.43 1.19 -0.48	48.04 1.33 -0.93	43.64 1.56 -1.01	39.52 1.42 -0.64
RAVENSWOOD___4 23820	37.23 1.85 -0.39	32.76 1.46 -0.14	30.11 1.27 -0.01	27.93 1.10 -0.01	28.79 1.11 -0.01	32.91 1.23 -0.12	42.69 1.61 -0.99	44.18 2.60 -1.57	42.51 2.83 -2.02	36.48 2.74 -1.53	36.62 3.01 -0.54	42.64 2.95 -5.78	41.89 3.21 -3.37	42.71 3.45 -1.76	46.10 3.51 -3.56	49.09 3.25 -1.94	56.39 2.66 -5.42	74.54 3.38 -4.88	73.21 3.08 -1.64	71.23 1.52 -3.83	57.20 1.03 -4.41	48.08 1.37 -0.93	44.34 1.64 -1.62	39.63 1.54 -0.64
RCPL_TRUST___DRP 24196	37.06 1.68 -0.39	32.59 1.31 -0.13	29.99 1.15 0.00	27.79 0.97 0.00	28.64 0.97 0.00	32.75 1.07 -0.11	42.09 1.52 -0.47	42.99 2.52 -0.46	41.42 2.75 -1.01	36.41 2.67 -1.52	36.56 2.94 -0.53	39.45 3.05 -2.49	39.88 3.11 -1.47	42.08 3.41 -1.17	44.46 3.63 -1.81	49.11 3.42 -1.79	53.33 3.19 -1.83	70.99 3.84 -0.87	72.57 3.63 -0.45	68.48 2.11 -0.49	53.82 1.50 -0.56	48.22 1.51 -0.93	43.74 1.64 -1.02	39.48 1.39 -0.64
RED___ROCHESTER 323720	35.93 0.25 -0.70	32.32 0.72 -0.44	29.64 0.52 -0.29	27.41 0.43 -0.15	28.47 0.58 -0.21	32.79 0.76 -0.47	41.69 0.56 -1.03	41.55 0.44 -1.10	39.20 0.60 -0.93	33.35 0.58 -0.56	34.26 0.46 -0.72	35.54 0.85 -0.79	37.36 1.16 -0.89	39.66 1.12 -1.04	40.96 0.78 -1.16	46.73 1.32 -1.52	53.37 2.03 -3.03	71.30 2.58 -2.43	76.32 3.35 -4.48	72.43 2.57 -3.98	56.22 1.50 -2.96	49.03 1.19 -2.06	43.69 1.27 -1.34	40.70 1.72 -1.51
REGAN___SOLAR 323812	36.73 1.96 0.21	32.74 1.65 0.07	30.39 1.56 0.00	28.25 1.42 0.00	29.17 1.49 0.00	33.30 1.80 0.06	42.53 2.65 0.21	42.53 2.68 0.16	38.65 1.39 0.40	31.96 0.45 0.71	32.84 0.00 0.24	33.16 -0.24 0.51	34.42 -0.32 0.57	36.73 -0.26 0.51	38.56 0.00 0.46	43.83 0.75 0.81	49.58 1.88 0.61	70.32 4.18 0.14	73.89 5.54 0.13	70.56 4.68 0.00	55.28 3.52 0.00	48.23 2.89 0.43	43.19 2.55 0.43	39.19 2.02 0.29
RENSSELAER___COGEN 23796	34.48 -0.24 0.26	30.73 -0.34 0.09	28.57 -0.26 0.00	26.69 -0.13 0.00	27.42 -0.25 0.00	31.17 -0.32 0.08	39.43 -0.40 0.27	40.00 0.20 0.21	37.28 0.15 0.53	31.45 0.16 0.93	32.89 0.13 0.32	33.34 0.10 0.67	34.60 0.04 0.75	36.87 0.04 0.67	38.58 0.16 0.59	42.97 0.13 1.06	47.43 -0.10 0.79	66.03 -0.07 0.18	68.04 -0.27 0.17	64.90 -0.99 0.00	50.98 -0.77 0.00	44.58 -0.64 0.55	40.07 -0.45 0.56	36.56 -0.52 0.38
REPUBLIC_115KV_BARTNBRK 55605	37.07 2.41 0.33	33.07 2.03 0.11	30.74 1.90 0.00	28.54 1.72 0.00	29.42 1.74 0.00	33.68 2.21 0.10	43.09 3.33 0.33	43.44 3.68 0.25	39.44 2.41 0.64	32.74 1.64 1.12	34.15 1.46 0.38	34.49 1.39 0.80	35.75 1.34 0.90	38.24 1.54 0.80	40.17 1.87 0.72	45.43 2.81 1.28	51.22 3.87 0.96	72.29 6.23 0.22	75.74 7.46 0.21	72.14 6.26 0.00	56.42 4.66 0.00	48.86 3.75 0.68	43.56 3.16 0.68	39.47 2.47 0.46
REVERE_CPPR_DRP 24186	37.73 1.01 -1.73	33.26 0.97 -1.14	30.09 0.89 -0.36	28.04 0.83 -0.38	29.43 0.89 -0.87	34.45 1.07 -1.82	44.45 1.64 -2.71	46.29 1.76 -4.52	43.33 1.39 -4.27	34.93 0.81 -1.91	36.81 0.83 -2.91	37.58 0.85 -2.83	37.62 0.88 -1.43	39.25 0.86 -0.89	40.79 0.78 -0.99	46.41 1.23 -1.28	52.60 1.74 -2.55	71.64 2.65 -2.71	76.55 3.29 -4.78	73.17 3.10 -4.19	56.63 2.38 -2.49	49.57 2.06 -1.74	43.85 1.64 -1.13	39.93 1.20 -1.27
REYNLDPA_13_KV_LD 356490	33.57 0.49 1.91	30.30 0.44 1.29	28.97 0.32 0.18	26.72 0.32 0.43	26.83 0.33 1.17	29.55 0.41 2.42	37.55 0.56 3.10	33.87 0.08 6.22	31.70 0.08 6.04	29.86 0.13 2.49	29.26 0.17 3.99	30.26 0.10 3.75	34.13 0.00 1.18	37.50 0.00 0.00	38.94 -0.08 0.00	43.81 -0.09 0.00	48.22 -0.10 0.00	65.13 0.00 1.15	66.60 -0.14 1.75	65.09 0.66 1.46	52.48 0.72 0.00	46.56 0.78 0.00	41.61 0.53 0.00	38.02 0.56 0.00
REYNOLDS_115KV_TB3 80639	34.74 0.07 0.32	31.02 -0.03 0.11	28.86 0.03 0.00	26.93 0.11 0.00	27.67 0.00 0.00	31.44 -0.03 0.09	39.77 0.00 0.33	40.36 0.60 0.25	37.59 0.56 0.64	31.61 0.52 1.12	33.16 0.46 0.38	33.57 0.47 0.81	34.83 0.42 0.90	37.15 0.45 0.80	38.88 0.59 0.73	43.32 0.70 1.28	47.88 0.53 0.96	66.72 0.66 0.22	68.82 0.55 0.21	65.62 -0.26 0.00	51.60 -0.16 0.00	44.97 -0.14 0.68	40.32 -0.08 0.68	36.85 -0.15 0.46
RIVERBAY____ 323610	37.80 2.41 -0.40	33.26 1.96 -0.14	30.51 1.67 -0.01	28.28 1.45 -0.01	29.12 1.44 -0.01	33.33 1.64 -0.12	42.80 2.17 -0.54	43.77 3.16 -0.60	42.08 3.28 -1.14	36.77 3.03 -1.53	36.86 3.24 -0.54	39.62 3.19 -2.53	40.43 3.42 -1.70	42.53 3.79 -1.25	44.51 3.67 -1.82	49.56 3.86 -1.81	54.07 3.48 -2.28	71.96 4.31 -1.37	73.26 4.18 -0.60	69.31 2.50 -0.92	54.63 1.81 -1.05	48.72 2.01 -0.93	44.40 2.22 -1.10	40.13 2.02 -0.64
RIVERSDE_115KV_TB3 55908	34.62 -0.07 0.29	30.90 -0.16 0.10	28.75 -0.09 0.00	26.83 0.00 0.00	27.56 -0.11 0.00	31.35 -0.13 0.09	39.64 -0.16 0.30	40.22 0.44 0.23	37.49 0.41 0.59	31.57 0.39 1.03	33.06 0.33 0.35	33.50 0.34 0.74	34.73 0.25 0.83	37.06 0.30 0.74	38.78 0.43 0.67	43.25 0.53 1.17	47.77 0.34 0.88	66.47 0.40 0.20	68.63 0.34 0.19	65.42 -0.46 0.00	51.45 -0.31 0.00	44.84 -0.32 0.62	40.25 -0.21 0.62	36.74 -0.30 0.42
ROARING___BROOK_WT_PWR 323790	34.67 0.00 0.32	30.94 0.00 0.22	28.80 0.00 0.03	26.78 0.03 0.07	27.48 0.00 0.20	31.19 0.03 0.40	39.62 0.04 0.52	38.93 -0.04 1.04	36.62 -0.04 1.01	31.77 -0.03 0.42	32.38 -0.03 0.66	33.25 -0.03 0.62	35.04 -0.07 0.20	37.39 -0.11 0.00	38.90 -0.12 0.00	43.76 -0.13 0.00	48.17 -0.14 0.00	65.89 -0.20 0.19	67.85 -0.34 0.29	65.32 -0.33 0.24	51.55 -0.21 0.00	45.60 -0.18 0.00	40.87 -0.20 0.00	37.27 -0.19 0.00

ROCHESRG_115KV_T4 355643	35.63 -0.03 -0.68	32.03 0.44 -0.43	29.40 0.29 -0.28	27.19 0.21 -0.15	28.24 0.36 -0.21	32.50 0.47 -0.46	41.26 0.16 -1.01	41.10 0.00 -1.09	38.85 0.26 -0.92	33.02 0.26 -0.55	33.95 0.17 -0.71	35.02 0.34 -0.78	37.00 0.81 -0.88	39.24 0.71 -1.03	40.52 0.35 -1.15	46.19 0.79 -1.51	52.76 1.45 -3.00	70.75 2.05 -2.41	75.59 2.67 -4.44	71.74 1.91 -3.94	55.62 0.93 -2.93	48.51 0.69 -2.04	43.22 0.82 -1.33	40.31 1.35 -1.50
ROCHESTER_9_IC 23652	35.82 0.14 -0.70	32.19 0.59 -0.44	29.55 0.43 -0.29	27.30 0.32 -0.15	28.36 0.47 -0.21	32.66 0.63 -0.47	41.48 0.36 -1.03	41.35 0.24 -1.10	39.05 0.45 -0.93	33.19 0.42 -0.56	34.13 0.33 -0.72	35.20 0.51 -0.79	37.22 1.02 -0.89	39.48 0.94 -1.04	40.72 0.55 -1.16	46.47 1.05 -1.52	53.13 1.79 -3.03	71.23 2.52 -2.43	76.11 3.15 -4.48	72.24 2.37 -3.98	55.96 1.24 -2.96	48.80 0.96 -2.06	43.48 1.07 -1.34	40.51 1.54 -1.51
ROCKVIEW_13_KV_LD 356306	37.02 1.64 -0.39	32.53 1.25 -0.13	29.96 1.12 0.00	27.79 0.97 0.00	28.62 0.94 0.00	32.75 1.07 -0.11	42.02 1.44 -0.48	42.89 2.40 -0.48	41.25 2.56 -1.03	36.21 2.48 -1.52	36.37 2.78 -0.51	37.93 2.85 -1.17	39.74 2.93 -1.50	41.86 3.19 -1.18	43.47 3.43 -1.02	48.88 3.20 -1.78	53.20 3.00 -1.90	70.87 3.65 -0.94	72.52 3.56 -0.48	68.55 2.11 -0.55	53.95 1.55 -0.63	48.22 1.51 -0.93	43.71 1.60 -1.03	39.48 1.39 -0.64
ROME____115KV_TB2 80656	37.73 1.01 -1.73	33.26 0.97 -1.14	30.09 0.89 -0.36	28.04 0.83 -0.38	29.43 0.89 -0.87	34.45 1.07 -1.82	44.45 1.64 -2.71	46.29 1.76 -4.52	43.33 1.39 -4.27	34.93 0.81 -1.91	36.81 0.83 -2.91	37.58 0.85 -2.83	37.62 0.88 -1.43	39.25 0.86 -0.89	40.79 0.78 -0.99	46.41 1.23 -1.28	52.60 1.74 -2.55	71.64 2.65 -2.71	76.55 3.29 -4.78	73.17 3.10 -4.19	56.63 2.38 -2.49	49.57 2.06 -1.74	43.85 1.64 -1.13	39.93 1.20 -1.27
ROSETON___1 23587	36.36 1.02 -0.36	31.99 0.72 -0.12	29.50 0.66 0.00	27.41 0.59 0.00	28.23 0.55 0.00	32.27 0.60 -0.11	41.27 0.80 -0.37	41.93 1.64 -0.28	40.29 1.81 -0.82	35.39 1.74 -1.43	35.52 1.95 -0.49	36.83 1.97 -0.95	38.50 2.05 -1.15	40.77 2.25 -1.02	42.32 2.42 -0.88	47.75 2.19 -1.66	51.40 1.84 -1.25	68.82 2.25 -0.29	70.81 2.05 -0.27	66.74 0.85 0.00	52.33 0.57 0.00	47.30 0.64 -0.88	42.90 0.95 -0.88	38.88 0.82 -0.60
ROSETON___2 23588	36.36 1.02 -0.36	31.99 0.72 -0.12	29.50 0.66 0.00	27.41 0.59 0.00	28.23 0.55 0.00	32.27 0.60 -0.11	41.27 0.80 -0.37	41.93 1.64 -0.28	40.29 1.81 -0.82	35.39 1.74 -1.43	35.52 1.95 -0.49	36.83 1.97 -0.95	38.50 2.05 -1.15	40.77 2.25 -1.02	42.32 2.42 -0.88	47.75 2.19 -1.66	51.40 1.84 -1.25	68.82 2.25 -0.29	70.81 2.05 -0.27	66.74 0.85 0.00	52.33 0.57 0.00	47.30 0.64 -0.88	42.90 0.95 -0.88	38.88 0.82 -0.60
ROTRDAM_115KV_TB3 80664	35.37 0.63 0.24	31.54 0.47 0.08	29.32 0.49 0.00	27.28 0.46 0.00	28.09 0.42 0.00	31.96 0.47 0.07	40.53 0.68 0.25	40.78 0.96 0.18	37.95 0.75 0.47	32.00 0.61 0.82	33.36 0.56 0.28	33.89 0.58 0.59	35.21 0.56 0.66	37.55 0.64 0.59	39.23 0.74 0.53	43.83 0.88 0.94	48.67 1.06 0.71	67.71 1.59 0.16	70.04 1.71 0.15	66.94 1.05 0.00	52.59 0.83 0.00	45.97 0.69 0.50	41.23 0.66 0.50	37.61 0.49 0.34
RUSSELL___1 23602	35.93 0.24 -0.70	32.32 0.72 -0.44	29.64 0.52 -0.29	27.41 0.43 -0.15	28.47 0.58 -0.21	32.79 0.76 -0.47	41.69 0.56 -1.03	41.55 0.44 -1.10	39.24 0.64 -0.93	33.35 0.58 -0.56	34.26 0.46 -0.72	35.37 0.68 -0.79	37.36 1.17 -0.89	39.63 1.09 -1.04	40.92 0.74 -1.16	46.69 1.27 -1.52	53.37 2.03 -3.03	71.63 2.92 -2.43	76.52 3.56 -4.48	72.63 2.77 -3.98	56.27 1.55 -2.96	49.08 1.24 -2.06	43.69 1.27 -1.34	40.70 1.72 -1.51
RUSSELL___2 23532	35.93 0.24 -0.70	32.32 0.72 -0.44	29.64 0.52 -0.29	27.41 0.43 -0.15	28.47 0.58 -0.21	32.79 0.76 -0.47	41.69 0.56 -1.03	41.55 0.44 -1.10	39.24 0.64 -0.93	33.35 0.58 -0.56	34.26 0.46 -0.72	35.37 0.68 -0.79	37.36 1.17 -0.89	39.63 1.09 -1.04	40.92 0.74 -1.16	46.69 1.27 -1.52	53.37 2.03 -3.03	71.63 2.92 -2.43	76.52 3.56 -4.48	72.63 2.77 -3.98	56.27 1.55 -2.96	49.08 1.24 -2.06	43.69 1.27 -1.34	40.70 1.72 -1.51
RUSSELL___3 23549	35.93 0.24 -0.70	32.32 0.72 -0.44	29.64 0.52 -0.29	27.41 0.43 -0.15	28.47 0.58 -0.21	32.79 0.76 -0.47	41.69 0.56 -1.03	41.55 0.44 -1.10	39.24 0.64 -0.93	33.35 0.58 -0.56	34.26 0.46 -0.72	35.37 0.68 -0.79	37.36 1.17 -0.89	39.63 1.09 -1.04	40.92 0.74 -1.16	46.69 1.27 -1.52	53.37 2.03 -3.03	71.63 2.92 -2.43	76.52 3.56 -4.48	72.63 2.77 -3.98	56.27 1.55 -2.96	49.08 1.24 -2.06	43.69 1.27 -1.34	40.70 1.72 -1.51
RUSSELL___4 23556	35.93 0.24 -0.70	32.32 0.72 -0.44	29.64 0.52 -0.29	27.41 0.43 -0.15	28.47 0.58 -0.21	32.79 0.76 -0.47	41.69 0.56 -1.03	41.55 0.44 -1.10	39.24 0.64 -0.93	33.35 0.58 -0.56	34.26 0.46 -0.72	35.37 0.68 -0.79	37.36 1.17 -0.89	39.63 1.09 -1.04	40.92 0.74 -1.16	46.69 1.27 -1.52	53.37 2.03 -3.03	71.63 2.92 -2.43	76.52 3.56 -4.48	72.63 2.77 -3.98	56.27 1.55 -2.96	49.08 1.24 -2.06	43.69 1.27 -1.34	40.70 1.72 -1.51
RUSSELL___STATION 23914	35.93 0.24 -0.70	32.32 0.72 -0.44	29.64 0.52 -0.29	27.41 0.43 -0.15	28.47 0.58 -0.21	32.79 0.76 -0.47	41.69 0.56 -1.03	41.55 0.44 -1.10	39.24 0.64 -0.93	33.35 0.58 -0.56	34.26 0.46 -0.72	35.37 0.68 -0.79	37.36 1.17 -0.89	39.63 1.09 -1.04	40.92 0.74 -1.16	46.69 1.27 -1.52	53.37 2.03 -3.03	71.63 2.92 -2.43	76.52 3.56 -4.48	72.63 2.77 -3.98	56.27 1.55 -2.96	49.08 1.24 -2.06	43.69 1.27 -1.34	40.70 1.72 -1.51
S SALMON___HYD 24043	38.36 0.07 -3.30	33.46 0.16 -2.15	29.92 0.12 -0.97	27.64 0.08 -0.73	29.21 0.14 -1.40	34.75 0.22 -2.96	45.56 0.40 -5.06	47.55 0.44 -7.10	44.41 0.23 -6.52	35.38 0.00 -3.17	37.63 -0.03 -4.59	38.50 -0.03 -4.62	38.54 0.00 -3.23	40.31 -0.07 -2.89	42.04 -0.19 -3.21	48.03 -0.04 -4.18	56.87 0.24 -8.32	74.18 0.47 -7.43	82.88 0.96 -13.44	78.61 0.85 -11.87	60.45 0.57 -8.12	51.94 0.50 -5.66	45.12 0.37 -3.67	41.84 0.23 -4.16
S.PERRY__115KV_TB1 80734	37.07 1.26 -0.82	33.39 1.71 -0.52	30.59 1.41 -0.34	28.24 1.23 -0.18	29.39 1.47 -0.25	33.98 1.86 -0.55	43.27 1.96 -1.21	43.08 1.80 -1.27	40.36 1.62 -1.08	33.98 1.13 -0.64	34.80 0.89 -0.83	35.80 0.98 -0.91	37.78 1.45 -1.02	40.16 1.46 -1.20	41.56 1.21 -1.34	47.67 2.02 -1.76	55.10 3.29 -3.50	74.13 5.04 -2.82	80.10 6.44 -5.18	76.15 5.67 -4.60	58.80 3.62 -3.42	50.95 2.79 -2.38	45.25 2.63 -1.55	42.17 2.96 -1.75
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	35.79 0.07 -0.73	32.65 1.03 -0.47	29.83 0.69 -0.30	27.52 0.54 -0.16	28.73 0.83 -0.23	33.04 0.98 -0.50	41.14 -0.04 -1.08	40.53 -0.64 -1.17	38.61 -0.04 -0.99	33.00 0.19 -0.59	33.97 0.13 -0.76	35.11 0.37 -0.83	37.20 0.95 -0.94	39.39 0.79 -1.10	40.48 0.23 -1.23	46.30 0.79 -1.62	53.08 1.55 -3.22	70.59 1.72 -2.58	75.70 2.47 -4.76	71.30 1.19 -4.22	55.16 0.26 -3.14	48.33 0.37 -2.19	43.32 0.82 -1.42	40.87 1.80 -1.61

SAWYER___23_KV_LOAD 55526	35.79 0.07 -0.73	32.65 1.03 -0.47	29.83 0.69 -0.30	27.52 0.54 -0.16	28.73 0.83 -0.23	33.04 0.98 -0.50	41.14 -0.04 -1.08	40.53 -0.64 -1.17	38.61 -0.04 -0.99	33.00 0.19 -0.59	33.97 0.13 -0.76	35.11 0.37 -0.83	37.20 0.95 -0.94	39.39 0.79 -1.10	40.48 0.23 -1.23	46.30 0.79 -1.62	53.08 1.55 -3.22	70.59 1.72 -2.58	75.70 2.47 -4.76	71.30 1.19 -4.22	55.16 0.26 -3.14	48.33 0.37 -2.19	43.32 0.82 -1.42	40.87 1.80 -1.61
SELKIRK___I 23801	34.34 -0.49 0.16	30.57 -0.53 0.05	28.37 -0.46 0.00	26.45 -0.38 0.00	27.20 -0.47 0.00	30.98 -0.54 0.05	39.29 -0.64 0.16	39.69 -0.20 0.12	37.18 -0.22 0.26	31.44 -0.32 0.45	32.49 -0.43 0.15	33.09 -0.47 0.34	34.41 -0.53 0.36	36.65 -0.53 0.32	38.16 -0.51 0.36	42.62 -0.52 0.75	47.16 -0.68 0.47	65.44 -0.73 0.11	67.56 -0.82 0.10	64.44 -1.45 0.00	50.62 -1.14 0.00	44.53 -0.92 0.33	40.05 -0.70 0.33	36.48 -0.75 0.23
SELKIRK___II 23799	34.45 -0.35 0.18	30.69 -0.41 0.06	28.52 -0.32 0.00	26.58 -0.24 0.00	27.34 -0.33 0.00	31.10 -0.41 0.05	39.43 -0.48 0.19	39.90 0.04 0.14	37.34 0.04 0.36	31.65 0.06 0.63	32.90 0.03 0.22	33.42 0.00 0.49	34.73 -0.07 0.51	37.01 -0.04 0.45	38.64 0.04 0.42	42.74 -0.04 1.11	47.47 -0.29 0.56	65.76 -0.40 0.13	67.74 -0.62 0.12	64.63 -1.25 0.00	50.77 -0.99 0.00	44.57 -0.82 0.39	40.11 -0.58 0.39	36.59 -0.60 0.27
SENECA OSWGO___HYD 24041	36.24 -0.24 -1.49	32.00 -0.12 -0.96	29.19 -0.14 -0.50	27.00 -0.16 -0.33	28.14 -0.11 -0.57	32.69 -0.09 -1.22	42.20 -0.16 -2.26	42.84 -0.04 -2.87	40.17 -0.08 -2.59	33.38 -0.16 -1.33	34.78 -0.16 -1.86	35.69 -0.14 -1.92	36.82 -0.07 -1.58	39.01 -0.07 -1.59	40.71 -0.08 -1.76	46.24 0.04 -2.30	53.17 0.29 -4.57	70.51 0.33 -3.89	76.19 0.61 -7.09	72.50 0.33 -6.28	56.27 0.05 -4.46	48.75 -0.14 -3.11	42.97 -0.12 -2.02	39.67 -0.07 -2.28
SENECA___115KV_TB3 355854	36.05 0.31 -0.75	32.85 1.22 -0.48	30.01 0.86 -0.31	27.66 0.67 -0.17	28.90 1.00 -0.23	33.27 1.20 -0.51	41.56 0.36 -1.11	41.07 -0.12 -1.18	39.04 0.38 -1.00	33.33 0.52 -0.60	34.31 0.46 -0.77	35.50 0.75 -0.85	37.60 1.34 -0.95	39.82 1.20 -1.12	40.93 0.66 -1.25	46.85 1.32 -1.64	53.80 2.22 -3.27	71.56 2.65 -2.62	76.80 3.49 -4.83	72.28 2.11 -4.29	55.88 0.93 -3.19	48.87 0.87 -2.22	43.75 1.23 -1.44	41.11 2.02 -1.63
SENECA___ENERGY 23797	36.92 0.14 -1.79	32.65 0.34 -1.15	29.76 0.26 -0.66	27.41 0.19 -0.40	28.60 0.30 -0.63	33.36 0.44 -1.35	43.18 0.40 -2.68	43.66 0.48 -3.17	40.87 0.42 -2.79	34.06 0.32 -1.52	35.43 0.30 -2.05	36.49 0.41 -2.17	37.93 0.56 -2.06	40.31 0.56 -2.25	41.91 0.39 -2.50	47.92 0.75 -3.28	56.09 1.25 -6.52	73.25 1.59 -5.39	80.54 2.19 -9.87	76.34 1.71 -8.75	59.10 0.98 -6.36	50.81 0.59 -4.44	44.49 0.53 -2.88	41.43 0.71 -3.26
SHOEMAKER___GT 23640	36.30 0.98 -0.34	31.98 0.72 -0.11	29.50 0.66 0.00	27.39 0.56 0.00	28.23 0.55 0.00	32.23 0.57 -0.10	41.28 0.84 -0.35	41.87 1.60 -0.26	40.12 1.70 -0.76	35.16 1.61 -1.34	35.32 1.79 -0.46	36.83 1.76 -1.16	38.25 1.87 -1.07	40.52 2.06 -0.96	42.23 2.22 -0.99	47.56 2.11 -1.56	51.37 1.88 -1.17	69.01 2.45 -0.27	71.07 2.33 -0.26	67.08 1.19 0.00	52.54 0.78 0.00	47.38 0.78 -0.82	42.89 0.98 -0.83	38.88 0.86 -0.56
SHOEMAKR_138KV_BK 111 55601	36.30 0.98 -0.34	31.98 0.72 -0.11	29.50 0.66 0.00	27.39 0.56 0.00	28.23 0.55 0.00	32.23 0.57 -0.10	41.28 0.84 -0.34	41.87 1.60 -0.26	40.11 1.69 -0.76	35.19 1.64 -1.33	35.35 1.82 -0.46	36.92 1.86 -1.14	38.28 1.91 -1.06	40.55 2.10 -0.95	42.26 2.26 -0.98	47.64 2.19 -1.55	51.51 2.03 -1.16	69.07 2.52 -0.27	71.20 2.47 -0.25	67.14 1.25 0.00	52.64 0.88 0.00	47.47 0.87 -0.82	42.84 0.94 -0.82	38.84 0.82 -0.56
SHOREHAM_IC_1 23715	36.81 1.43 -0.39	32.03 0.75 -0.13	29.29 0.46 0.00	27.04 0.21 0.00	27.81 0.14 0.00	31.99 0.32 -0.11	40.96 0.40 -0.46	42.19 1.88 -0.30	40.42 1.77 -0.98	35.80 2.06 -1.52	36.27 2.65 -0.54	38.54 2.34 -2.30	39.18 2.43 -1.44	41.40 2.74 -1.16	43.87 3.12 -1.73	47.43 1.76 -1.78	51.27 1.21 -1.74	67.78 0.73 -0.77	69.39 0.48 -0.42	65.10 -0.72 0.06	51.76 -0.47 -0.47	46.43 -0.27 -0.92	42.78 0.70 -1.01	38.88 0.79 -0.64
SHOREHAM_IC_2 23716	36.81 1.43 -0.39	32.03 0.75 -0.13	29.29 0.46 0.00	27.04 0.21 0.00	27.81 0.14 0.00	31.99 0.32 -0.11	40.96 0.40 -0.46	42.32 1.88 -0.43	40.42 1.77 -0.98	35.79 2.06 -1.52	36.27 2.65 -0.54	38.92 2.71 -2.30	39.18 2.44 -1.44	41.44 2.77 -1.16	43.87 3.12 -1.73	47.73 2.06 -1.78	51.46 1.40 -1.74	67.92 0.86 -0.77	69.66 0.75 -0.42	65.10 -0.72 0.06	52.07 -0.16 -0.47	46.61 -0.09 -0.92	42.78 0.70 -1.01	38.28 0.19 -0.64
SISSONVILLE___ 23735	48.68 0.87 -12.82	40.55 0.75 -8.65	30.76 0.61 -1.32	30.27 0.59 -2.86	36.07 0.61 -7.79	48.42 0.79 -16.07	62.04 1.12 -20.82	81.79 0.56 -41.22	78.11 0.45 -39.99	49.10 0.32 -16.56	59.89 0.36 -26.45	59.15 0.34 -24.91	43.58 0.18 -8.10	38.02 0.07 -0.44	39.47 -0.04 -0.49	44.45 -0.09 -0.64	49.30 -0.29 -1.27	74.49 -0.33 -8.54	81.36 -0.48 -13.35	77.69 0.59 -11.21	53.78 0.78 -1.24	47.74 1.10 -0.87	42.67 1.03 -0.56	39.00 0.90 -0.64
SITHE_IND_GS1 24169	23.75 -0.87 10.36	23.88 -0.69 6.59	23.88 -0.66 4.29	23.88 -0.64 2.30	23.88 -0.61 3.19	23.88 -0.69 6.99	23.88 -0.92 15.29	23.88 -0.84 15.29	23.88 -0.83 12.95	23.75 -0.74 7.73	22.38 -0.76 9.94	22.25 -0.75 10.91	22.25 -0.74 12.31	22.25 -0.79 14.46	22.12 -0.82 16.08	22.12 -0.88 20.90	5.93 -0.82 41.56	31.69 -1.19 33.40	5.99 -1.03 61.47	10.07 -1.25 54.57	10.10 -1.09 40.57	16.45 -1.05 28.28	21.82 -0.90 18.35	15.90 -0.79 20.77
SITHE_IND_GS2 24170	23.75 -0.87 10.36	23.88 -0.69 6.59	23.88 -0.66 4.29	23.88 -0.64 2.30	23.88 -0.61 3.19	23.88 -0.69 6.99	23.88 -0.92 15.29	23.88 -0.84 15.29	23.88 -0.83 12.95	23.75 -0.74 7.73	22.38 -0.76 9.94	22.25 -0.75 10.91	22.25 -0.74 12.31	22.25 -0.79 14.46	22.12 -0.82 16.08	22.12 -0.88 20.90	5.93 -0.82 41.56	31.69 -1.19 33.40	5.99 -1.03 61.47	10.07 -1.25 54.57	10.10 -1.09 40.57	16.45 -1.05 28.28	21.82 -0.90 18.35	15.90 -0.79 20.77
SITHE_IND_GS3 24171	23.75 -0.87 10.36	23.88 -0.69 6.59	23.88 -0.66 4.29	23.88 -0.64 2.30	23.88 -0.61 3.19	23.88 -0.69 6.99	23.88 -0.92 15.29	23.88 -0.84 15.29	23.88 -0.83 12.95	23.75 -0.74 7.73	22.38 -0.76 9.94	22.25 -0.75 10.91	22.25 -0.74 12.31	22.25 -0.79 14.46	22.12 -0.82 16.08	22.12 -0.88 20.90	5.93 -0.82 41.56	31.69 -1.19 33.40	5.99 -1.03 61.47	10.07 -1.25 54.57	10.10 -1.09 40.57	16.45 -1.05 28.28	21.82 -0.90 18.35	15.90 -0.79 20.77
SITHE_IND_GS4 24172	23.75 -0.87 10.36	23.88 -0.69 6.59	23.88 -0.66 4.29	23.88 -0.64 2.30	23.88 -0.61 3.19	23.88 -0.69 6.99	23.88 -0.92 15.29	23.88 -0.84 15.29	23.88 -0.83 12.95	23.75 -0.74 7.73	22.38 -0.76 9.94	22.25 -0.75 10.91	22.25 -0.74 12.31	22.25 -0.79 14.46	22.12 -0.82 16.08	22.12 -0.88 20.90	5.93 -0.82 41.56	31.69 -1.19 33.40	5.99 -1.03 61.47	10.07 -1.25 54.57	10.10 -1.09 40.57	16.45 -1.05 28.28	21.82 -0.90 18.35	15.90 -0.79 20.77

SITHE___BATAVIA 24024	36.16 0.45 -0.72	32.89 1.28 -0.46	30.08 0.95 -0.30	27.79 0.80 -0.16	28.95 1.05 -0.22	33.38 1.33 -0.49	41.97 0.80 -1.07	41.51 0.36 -1.14	39.31 0.68 -0.97	33.44 0.64 -0.58	34.35 0.53 -0.74	35.74 1.02 -0.81	37.60 1.38 -0.92	39.85 1.28 -1.08	41.00 0.78 -1.20	46.88 1.40 -1.58	53.78 2.32 -3.14	71.59 2.78 -2.53	77.03 3.90 -4.65	72.78 2.77 -4.13	56.43 1.61 -3.07	49.29 1.37 -2.14	44.06 1.60 -1.39	41.35 2.32 -1.57
SITHE___INDEPEND 23800	23.75 -0.87 10.36	23.88 -0.69 6.59	23.88 -0.66 4.29	23.88 -0.64 2.30	23.88 -0.61 3.19	23.88 -0.69 6.99	23.88 -0.92 15.29	23.88 -0.84 15.29	23.88 -0.83 12.95	23.75 -0.74 7.73	22.38 -0.76 9.94	22.25 -0.75 10.91	22.25 -0.74 12.31	22.25 -0.79 14.46	22.08 -0.86 16.08	22.16 -0.83 20.90	5.93 -0.82 41.56	31.75 -1.13 33.40	5.99 -1.03 61.47	10.13 -1.19 54.57	10.16 -1.04 40.57	16.49 -1.01 28.28	21.82 -0.90 18.35	15.91 -0.79 20.77
SITHE___MASSENA 23902	53.72 0.59 -18.14	43.94 0.53 -12.26	30.96 0.40 -1.73	31.24 0.38 -4.04	39.22 0.39 -11.15	55.09 0.54 -22.99	70.29 0.68 -29.52	99.28 0.16 -59.11	95.24 0.15 -57.43	56.05 0.16 -23.67	71.20 0.20 -37.92	69.72 0.17 -35.64	46.54 0.04 -11.19	37.50 0.00 0.00	38.94 -0.08 0.00	43.85 -0.04 0.00	48.22 -0.10 0.00	77.18 0.00 -10.90	84.98 -0.14 -16.64	80.58 0.85 -13.84	52.64 0.88 0.00	46.69 0.92 0.00	41.73 0.66 0.00	38.13 0.67 0.00
SITHE___OGDNSBRG 24021	51.08 1.15 -14.94	42.24 1.00 -10.09	31.17 0.84 -1.50	30.96 0.80 -3.33	37.62 0.83 -9.11	51.40 1.04 -18.79	65.90 1.52 -24.28	89.10 0.84 -48.25	85.10 0.60 -46.84	51.93 0.35 -19.36	64.43 0.40 -30.96	63.41 0.37 -29.14	44.89 0.21 -9.37	38.00 0.15 -0.35	39.45 0.04 -0.39	44.49 0.09 -0.51	49.42 0.10 -1.01	76.39 0.46 -9.64	84.14 0.68 -14.97	80.26 1.84 -12.53	54.45 1.71 -0.98	48.25 1.79 -0.69	43.00 1.48 -0.45	39.24 1.27 -0.50
SITHE___STERLING 23777	37.21 0.77 -1.45	32.85 0.75 -0.95	29.88 0.69 -0.36	27.79 0.64 -0.32	29.04 0.69 -0.68	33.84 0.85 -1.42	43.63 1.28 -2.25	44.90 1.40 -3.49	42.05 1.13 -3.26	34.40 0.68 -1.51	35.99 0.66 -2.25	36.84 0.71 -2.22	37.36 0.74 -1.31	39.24 0.75 -0.99	40.86 0.74 -1.10	46.38 1.05 -1.43	52.66 1.50 -2.85	71.21 2.18 -2.74	76.13 2.74 -4.91	72.64 2.44 -4.32	56.40 1.86 -2.78	49.28 1.56 -1.94	43.57 1.23 -1.26	39.86 0.97 -1.42
SLEIGHT__34_KV_TB1 80719	35.79 -0.17 -0.98	31.96 0.19 -0.62	29.32 0.09 -0.41	27.07 0.03 -0.22	28.11 0.14 -0.30	32.47 0.25 -0.66	41.70 0.16 -1.44	42.07 0.40 -1.66	39.48 0.41 -1.41	33.35 0.29 -0.84	34.39 0.23 -1.08	35.43 0.34 -1.19	37.35 0.71 -1.34	39.74 0.67 -1.57	41.23 0.47 -1.75	47.15 0.97 -2.29	54.52 1.64 -4.56	72.27 2.32 -3.67	78.17 2.94 -6.75	74.31 2.44 -5.99	57.51 1.29 -4.45	49.71 0.82 -3.10	43.87 0.78 -2.01	40.79 1.05 -2.28
SMITHTWN_69_KV_BK 1 55830	37.27 1.89 -0.39	32.47 1.18 -0.13	29.73 0.89 0.00	27.47 0.64 0.00	28.28 0.61 0.00	32.50 0.82 -0.11	41.56 1.00 -0.46	42.84 2.40 -0.43	40.94 2.30 -0.98	36.28 2.55 -1.52	36.70 3.08 -0.54	39.37 3.15 -2.31	39.74 3.00 -1.44	42.00 3.34 -1.16	44.39 3.63 -1.74	48.30 2.63 -1.78	52.13 2.08 -1.74	68.71 1.66 -0.77	70.41 1.51 -0.42	65.83 0.00 0.06	52.74 0.52 -0.47	47.20 0.50 -0.92	43.36 1.27 -1.01	38.84 0.75 -0.64
SOUTH CAIRO___GT 23612	35.71 0.84 0.11	31.71 0.59 0.04	29.18 0.35 0.00	27.20 0.38 0.00	27.98 0.30 0.00	32.16 0.63 0.03	41.10 1.12 0.12	41.52 1.60 0.08	39.09 1.43 0.00	32.99 0.77 0.00	33.61 0.53 0.00	34.32 0.44 0.02	35.77 0.46 0.00	38.10 0.60 0.00	39.68 0.66 0.00	44.45 1.14 0.59	49.56 1.55 0.30	68.93 2.72 0.07	71.50 3.08 0.07	67.34 1.45 0.00	52.90 1.14 0.00	46.80 1.24 0.21	41.81 0.94 0.21	37.99 0.67 0.14
SOUTH HAMPTN___IC 23720	37.26 1.89 -0.39	32.44 1.15 -0.13	29.64 0.81 0.00	27.33 0.51 0.00	28.14 0.47 0.00	32.37 0.69 -0.11	41.40 0.84 -0.46	42.67 2.36 -0.30	40.91 2.26 -0.98	36.28 2.54 -1.52	36.86 3.24 -0.54	39.22 3.02 -2.30	39.88 3.14 -1.44	42.15 3.49 -1.16	44.69 3.94 -1.73	48.30 2.63 -1.78	52.28 2.22 -1.74	69.11 2.06 -0.77	70.68 1.78 -0.42	66.35 0.52 0.06	52.69 0.46 -0.47	47.25 0.55 -0.92	43.44 1.35 -1.01	39.48 1.39 -0.64
SOUTHDOW_115KV_TB1 355954	36.94 1.19 -0.76	33.60 1.96 -0.48	30.65 1.50 -0.32	28.26 1.26 -0.17	29.57 1.66 -0.23	34.19 2.11 -0.51	43.46 2.25 -1.12	43.13 1.92 -1.20	40.71 2.03 -1.02	34.72 1.90 -0.61	35.78 1.92 -0.78	37.10 2.34 -0.86	39.31 3.04 -0.97	41.60 2.96 -1.14	42.78 2.50 -1.26	49.07 3.51 -1.67	56.51 4.88 -3.31	74.24 5.30 -2.66	79.82 6.44 -4.90	74.98 4.74 -4.35	57.79 2.80 -3.23	50.37 2.33 -2.25	44.96 2.42 -1.46	42.04 2.92 -1.66
SOUTHOLD_69_KV_BK 2 55809	37.65 2.27 -0.39	32.75 1.46 -0.13	29.90 1.07 0.00	27.52 0.70 0.00	28.31 0.64 0.00	32.56 0.88 -0.11	41.60 1.04 -0.46	43.12 2.68 -0.43	41.28 2.64 -0.98	36.70 2.96 -1.52	37.39 3.77 -0.54	40.17 3.97 -2.30	40.56 3.81 -1.44	42.90 4.24 -1.16	45.51 4.76 -1.73	49.53 3.86 -1.78	53.49 3.43 -1.74	70.63 3.58 -0.77	72.46 3.56 -0.42	67.74 1.91 0.06	54.09 1.86 -0.47	48.26 1.56 -0.92	44.18 2.09 -1.01	39.52 1.42 -0.64
SOUTHOLD___IC 23719	37.65 2.27 -0.39	32.75 1.46 -0.13	29.90 1.07 0.00	27.52 0.70 0.00	28.31 0.64 0.00	32.56 0.88 -0.11	41.60 1.04 -0.46	42.99 2.68 -0.30	41.28 2.64 -0.98	36.69 2.96 -1.52	37.39 3.77 -0.54	39.83 3.63 -2.30	40.56 3.81 -1.44	42.90 4.24 -1.16	45.51 4.76 -1.73	49.22 3.55 -1.78	53.29 3.24 -1.74	70.50 3.44 -0.77	72.19 3.29 -0.42	67.74 1.91 0.06	53.78 1.55 -0.47	48.07 1.37 -0.92	44.18 2.09 -1.01	40.12 2.02 -0.64
SOUTH_FORK_WT_PWR 323839	37.51 2.13 -0.39	32.62 1.34 -0.13	29.76 0.92 0.00	27.36 0.54 0.00	28.14 0.47 0.00	32.37 0.69 -0.11	41.32 0.76 -0.46	42.75 2.44 -0.30	41.09 2.45 -0.98	36.60 2.87 -1.52	37.32 3.70 -0.54	39.83 3.63 -2.30	40.59 3.85 -1.44	42.93 4.27 -1.16	45.59 4.84 -1.73	49.27 3.60 -1.78	53.39 3.33 -1.74	70.63 3.58 -0.77	72.33 3.42 -0.42	67.87 2.04 0.06	53.88 1.66 -0.47	48.17 1.46 -0.92	44.22 2.13 -1.01	40.19 2.10 -0.64
SPIERFLS_115KV_TB 1 80737	35.44 0.77 0.32	31.70 0.65 0.11	29.47 0.63 0.00	27.42 0.59 0.00	28.23 0.55 0.00	32.19 0.73 0.09	40.89 1.12 0.33	41.28 1.52 0.25	37.98 0.94 0.62	31.74 0.61 1.09	33.17 0.46 0.37	33.50 0.37 0.78	34.72 0.28 0.87	37.10 0.37 0.78	38.86 0.55 0.71	43.62 0.97 1.24	48.78 1.40 0.94	68.45 2.39 0.22	71.22 2.94 0.20	67.93 2.04 0.00	53.26 1.50 0.00	46.31 1.19 0.66	41.40 0.99 0.66	37.69 0.67 0.45
ST LAWRENCE____ 23600	33.70 0.14 1.43	30.28 0.09 0.97	28.74 0.06 0.15	26.54 0.05 0.34	26.78 0.06 0.95	29.86 0.09 1.80	37.98 0.12 2.24	35.29 -0.28 4.44	33.09 -0.26 4.31	30.25 -0.19 1.78	30.09 -0.16 2.82	31.03 -0.20 2.68	34.06 -0.28 0.96	37.16 -0.34 0.00	38.63 -0.39 0.00	43.46 -0.44 0.00	47.83 -0.48 0.00	64.82 -0.60 0.86	66.42 -0.75 1.31	64.86 0.07 1.09	51.97 0.21 0.00	46.01 0.23 0.00	41.16 0.08 0.00	37.57 0.11 0.00

STATE_CA_115KV_115_LB 55624	34.68 -0.03 0.27	30.91 -0.16 0.09	28.75 -0.09 0.00	26.83 0.00 0.00	27.59 -0.08 0.00	31.39 -0.09 0.08	39.70 -0.12 0.28	40.23 0.44 0.22	37.49 0.38 0.55	31.57 0.32 0.96	33.05 0.30 0.33	33.52 0.31 0.69	34.75 0.21 0.77	37.03 0.22 0.69	38.78 0.39 0.63	43.28 0.48 1.10	47.87 0.39 0.82	66.55 0.46 0.19	68.71 0.41 0.18	65.56 -0.33 0.00	51.50 -0.26 0.00	44.92 -0.27 0.58	40.33 -0.16 0.58	36.76 -0.30 0.40
STATE_ST_34_KV_LOAD 55959	37.09 0.17 -1.93	32.71 0.31 -1.24	29.78 0.23 -0.72	27.44 0.19 -0.43	28.62 0.28 -0.67	33.36 0.35 -1.45	43.43 0.44 -2.89	43.96 0.56 -3.39	41.10 0.45 -2.99	34.14 0.29 -1.63	35.54 0.26 -2.20	36.54 0.31 -2.33	37.99 0.46 -2.23	40.38 0.45 -2.43	42.15 0.43 -2.70	48.19 0.75 -3.55	56.57 1.21 -7.05	73.82 1.72 -5.82	81.27 2.12 -10.66	77.12 1.78 -9.45	59.68 1.04 -6.88	51.22 0.64 -4.80	44.72 0.53 -3.11	41.55 0.56 -3.52
STATION_5_MISC_HYD 23604	35.82 0.14 -0.70	32.19 0.59 -0.44	29.55 0.43 -0.29	27.30 0.32 -0.15	28.36 0.47 -0.21	32.66 0.63 -0.47	41.52 0.40 -1.03	41.35 0.24 -1.10	39.05 0.45 -0.93	33.19 0.42 -0.56	34.13 0.33 -0.72	35.41 0.71 -0.79	37.18 0.99 -0.89	39.51 0.97 -1.04	40.76 0.59 -1.16	46.52 1.10 -1.52	53.13 1.79 -3.03	70.90 2.18 -2.43	75.91 2.94 -4.48	72.04 2.17 -3.98	55.96 1.24 -2.96	48.80 0.96 -2.06	43.48 1.07 -1.34	40.51 1.54 -1.51
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	35.83 0.00 -0.84	32.06 0.37 -0.53	29.41 0.23 -0.35	27.17 0.16 -0.19	28.24 0.30 -0.26	32.60 0.47 -0.57	41.62 0.28 -1.24	41.63 0.28 -1.34	39.14 0.34 -1.13	33.18 0.29 -0.68	34.15 0.20 -0.87	35.20 0.34 -0.96	37.13 0.74 -1.08	39.36 0.60 -1.27	40.74 0.31 -1.41	46.54 0.79 -1.85	53.49 1.50 -3.68	71.49 2.25 -2.96	76.67 2.74 -5.45	72.90 2.17 -4.84	56.49 1.14 -3.60	49.02 0.73 -2.51	43.44 0.74 -1.63	40.39 1.09 -1.84
STA_56_34_KV_BUS2_REV_LBMP_B 345033	35.60 -0.10 -0.72	31.96 0.34 -0.46	29.33 0.20 -0.30	27.12 0.13 -0.16	28.17 0.28 -0.22	32.46 0.41 -0.48	41.28 0.12 -1.06	41.19 0.04 -1.14	38.85 0.23 -0.96	33.02 0.23 -0.58	33.95 0.13 -0.74	35.02 0.31 -0.81	37.00 0.78 -0.92	39.25 0.67 -1.08	40.53 0.31 -1.20	46.26 0.79 -1.58	52.94 1.50 -3.13	70.92 2.12 -2.52	75.85 2.74 -4.63	71.98 1.98 -4.11	55.80 0.98 -3.06	48.60 0.69 -2.13	43.24 0.78 -1.38	40.26 1.24 -1.57
STA_56___34_KV_BUS2 355983	35.60 -0.10 -0.72	31.96 0.34 -0.46	29.33 0.20 -0.30	27.12 0.13 -0.16	28.17 0.28 -0.22	32.46 0.41 -0.48	41.28 0.12 -1.06	41.19 0.04 -1.14	38.85 0.23 -0.96	33.02 0.23 -0.58	33.95 0.13 -0.74	35.02 0.31 -0.81	37.00 0.78 -0.92	39.25 0.67 -1.08	40.53 0.31 -1.20	46.26 0.79 -1.58	52.94 1.50 -3.13	70.92 2.12 -2.52	75.85 2.74 -4.63	71.98 1.98 -4.11	55.80 0.98 -3.06	48.60 0.69 -2.13	43.24 0.78 -1.38	40.26 1.24 -1.57
STA_67___115KV_BK2 355882	35.75 0.07 -0.69	32.13 0.53 -0.44	29.50 0.37 -0.29	27.27 0.30 -0.15	28.33 0.44 -0.21	32.60 0.57 -0.47	41.40 0.28 -1.03	41.27 0.16 -1.10	38.97 0.38 -0.93	33.13 0.35 -0.56	34.06 0.26 -0.71	35.13 0.44 -0.78	37.11 0.92 -0.89	39.36 0.82 -1.04	40.64 0.47 -1.16	46.38 0.97 -1.52	52.98 1.64 -3.03	71.10 2.39 -2.43	75.90 2.94 -4.47	72.03 2.17 -3.97	55.85 1.14 -2.95	48.71 0.87 -2.06	43.36 0.94 -1.34	40.43 1.46 -1.51
STA_7___115KV_9TRANS 80674	35.93 0.24 -0.70	32.32 0.72 -0.44	29.64 0.52 -0.29	27.41 0.43 -0.15	28.47 0.58 -0.21	32.79 0.76 -0.47	41.69 0.56 -1.03	41.55 0.44 -1.10	39.24 0.64 -0.93	33.35 0.58 -0.56	34.26 0.46 -0.72	35.37 0.68 -0.79	37.36 1.17 -0.89	39.63 1.09 -1.04	40.92 0.74 -1.16	46.69 1.27 -1.52	53.37 2.03 -3.03	71.63 2.92 -2.43	76.52 3.56 -4.48	72.63 2.77 -3.98	56.27 1.55 -2.96	49.08 1.24 -2.06	43.69 1.27 -1.34	40.70 1.72 -1.51
STA_82___115KV_TB1 80780	35.76 0.07 -0.71	32.13 0.53 -0.45	29.50 0.37 -0.29	27.28 0.30 -0.16	28.33 0.44 -0.22	32.64 0.60 -0.48	41.46 0.32 -1.04	41.32 0.20 -1.11	39.01 0.41 -0.94	33.16 0.39 -0.56	34.10 0.30 -0.72	35.17 0.47 -0.79	37.15 0.95 -0.89	39.41 0.86 -1.05	40.65 0.47 -1.16	46.39 0.97 -1.53	53.05 1.69 -3.05	71.12 2.39 -2.45	76.00 3.01 -4.51	72.13 2.24 -4.00	55.87 1.14 -2.98	48.77 0.92 -2.07	43.41 0.99 -1.35	40.48 1.50 -1.52
STEEL___WIND 323596	36.01 0.28 -0.75	32.82 1.18 -0.48	29.98 0.84 -0.31	27.66 0.67 -0.17	28.87 0.97 -0.23	33.27 1.20 -0.51	41.56 0.36 -1.11	41.03 -0.16 -1.18	39.00 0.34 -1.00	33.30 0.48 -0.60	34.28 0.43 -0.77	35.70 0.95 -0.85	37.53 1.27 -0.95	39.82 1.20 -1.12	40.97 0.70 -1.25	46.85 1.32 -1.64	53.70 2.12 -3.27	70.96 2.06 -2.62	76.46 3.15 -4.83	71.88 1.71 -4.29	55.77 0.83 -3.19	48.83 0.82 -2.22	43.71 1.19 -1.44	41.11 2.02 -1.63
STEPHTWN_115KV_BK_2 55603	34.76 0.03 0.26	30.98 -0.09 0.09	28.80 -0.03 0.00	26.88 0.05 0.00	27.65 -0.03 0.00	31.49 0.00 0.08	39.91 0.08 0.27	40.44 0.64 0.21	37.62 0.49 0.53	31.67 0.39 0.93	33.13 0.36 0.32	33.61 0.37 0.67	34.84 0.28 0.75	37.13 0.30 0.67	38.88 0.47 0.60	43.45 0.61 1.06	48.10 0.58 0.79	66.96 0.86 0.18	69.20 0.89 0.17	65.89 0.00 0.00	51.81 0.05 0.00	45.18 -0.05 0.55	40.52 0.00 0.56	36.93 -0.15 0.38
STEBEN_REC_LFGE 323667	36.89 0.94 -0.96	33.26 1.50 -0.61	30.41 1.18 -0.40	28.03 0.99 -0.21	29.27 1.30 -0.30	33.85 1.64 -0.65	42.96 1.44 -1.42	42.71 1.24 -1.47	40.07 1.17 -1.24	33.83 0.87 -0.74	34.83 0.79 -0.95	35.87 0.92 -1.05	37.86 1.38 -1.18	40.20 1.31 -1.39	41.62 1.05 -1.54	47.73 1.80 -2.04	55.26 2.90 -4.05	73.58 4.04 -3.26	79.75 5.27 -5.99	75.62 4.41 -5.32	58.41 2.69 -3.96	50.60 2.06 -2.76	44.84 1.97 -1.79	41.88 2.40 -2.02
STILLWATER___SOLAR 323814	35.64 1.02 0.36	31.85 0.81 0.12	29.61 0.78 0.00	27.58 0.75 0.00	28.37 0.69 0.00	32.31 0.85 0.10	40.98 1.24 0.36	41.37 1.64 0.28	38.21 1.24 0.69	31.90 0.90 1.22	33.42 0.76 0.42	33.74 0.71 0.88	35.04 0.71 0.98	37.42 0.79 0.87	39.21 0.98 0.79	43.82 1.32 1.40	48.85 1.59 1.05	68.55 2.52 0.24	71.13 2.88 0.23	67.93 2.04 0.00	53.31 1.55 0.00	46.32 1.28 0.74	41.48 1.15 0.74	37.85 0.90 0.50
STONY___BROOK 24151	37.26 1.89 -0.39	32.47 1.18 -0.13	29.73 0.89 0.00	27.44 0.62 0.00	28.26 0.58 0.00	32.50 0.82 -0.11	41.56 1.00 -0.46	42.71 2.40 -0.30	40.94 2.30 -0.98	36.28 2.54 -1.52	36.73 3.11 -0.54	39.09 2.88 -2.31	39.74 3.00 -1.44	41.96 3.30 -1.16	44.38 3.63 -1.74	47.99 2.32 -1.78	51.94 1.88 -1.74	68.38 1.33 -0.77	69.93 1.03 -0.42	65.83 0.00 0.06	52.43 0.21 -0.47	47.07 0.36 -0.92	43.31 1.23 -1.01	39.37 1.27 -0.64
STURGEON_POOL_HYD 23609	36.59 1.40 -0.20	32.28 1.06 -0.07	29.73 0.89 0.00	27.58 0.75 0.00	28.42 0.75 0.00	32.50 0.88 -0.06	41.58 1.28 -0.20	42.31 2.12 -0.18	40.54 2.34 -0.54	35.32 2.16 -0.94	35.78 2.38 -0.32	36.99 2.41 -0.67	38.57 2.51 -0.76	40.95 2.77 -0.67	42.60 2.97 -0.61	47.82 2.97 -1.03	51.92 2.80 -0.81	70.05 3.58 -0.19	72.15 3.49 -0.18	67.67 1.78 0.00	53.11 1.35 0.00	47.81 1.46 -0.57	43.13 1.48 -0.57	39.16 1.31 -0.39

ST_LAW_115_BK7_LBMP 345037	33.25 0.18 1.91	29.99 0.13 1.29	28.71 0.06 0.18	26.45 0.05 0.43	26.56 0.06 1.17	29.27 0.13 2.42	37.15 0.16 3.10	33.51 -0.28 6.22	31.36 -0.26 6.04	29.53 -0.19 2.49	28.93 -0.16 3.99	29.96 -0.20 3.75	33.81 -0.32 1.18	37.12 -0.37 0.00	38.59 -0.43 0.00	43.41 -0.48 0.00	47.74 -0.58 0.00	64.47 -0.66 1.15	65.91 -0.82 1.75	64.50 0.07 1.46	51.97 0.21 0.00	46.06 0.28 0.00	41.20 0.12 0.00	37.61 0.15 0.00
ST_LAW_115_BK8_LBMP 345038	33.25 0.18 1.91	29.99 0.13 1.29	28.71 0.06 0.18	26.45 0.05 0.43	26.56 0.06 1.17	29.27 0.13 2.42	37.15 0.16 3.10	33.51 -0.28 6.22	31.36 -0.26 6.04	29.53 -0.19 2.49	28.93 -0.16 3.99	29.96 -0.20 3.75	33.81 -0.32 1.18	37.12 -0.37 0.00	38.59 -0.43 0.00	43.41 -0.48 0.00	47.74 -0.58 0.00	64.47 -0.66 1.15	65.91 -0.82 1.75	64.50 0.07 1.46	51.97 0.21 0.00	46.06 0.28 0.00	41.20 0.12 0.00	37.61 0.15 0.00
ST_LAW_230_BK5_LBMP 345035	34.01 0.14 1.12	30.49 0.09 0.76	28.78 0.06 0.11	26.63 0.05 0.25	27.04 0.06 0.69	30.24 0.09 1.42	38.39 0.12 1.82	36.08 -0.28 3.65	33.86 -0.26 3.54	30.56 -0.19 1.46	30.58 -0.16 2.34	31.51 -0.20 2.20	34.33 -0.28 0.69	37.16 -0.34 0.00	38.63 -0.39 0.00	43.46 -0.44 0.00	47.83 -0.48 0.00	65.01 -0.60 0.67	66.70 -0.75 1.03	65.10 0.07 0.85	51.97 0.21 0.00	46.01 0.23 0.00	41.16 0.08 0.00	37.57 0.11 0.00
ST_LAW_230_BK6_LBMP 345036	34.01 0.14 1.12	30.49 0.09 0.76	28.78 0.06 0.11	26.63 0.05 0.25	27.04 0.06 0.69	30.24 0.09 1.42	38.39 0.12 1.82	36.08 -0.28 3.65	33.86 -0.26 3.54	30.56 -0.19 1.46	30.58 -0.16 2.34	31.51 -0.20 2.20	34.33 -0.28 0.69	37.16 -0.34 0.00	38.63 -0.39 0.00	43.46 -0.44 0.00	47.83 -0.48 0.00	65.01 -0.60 0.67	66.70 -0.75 1.03	65.10 0.07 0.85	51.97 0.21 0.00	46.01 0.23 0.00	41.16 0.08 0.00	37.57 0.11 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	36.45 1.12 -0.35	32.08 0.81 -0.12	29.58 0.75 0.00	27.47 0.64 0.00	28.28 0.61 0.00	32.33 0.66 -0.10	41.37 0.92 -0.35	42.04 1.76 -0.27	40.37 1.92 -0.78	35.43 1.84 -1.37	35.60 2.05 -0.47	37.23 2.10 -1.22	38.56 2.15 -1.10	40.84 2.36 -0.98	42.63 2.58 -1.03	47.95 2.46 -1.60	51.79 2.27 -1.20	69.34 2.78 -0.28	71.48 2.74 -0.26	67.27 1.38 0.00	52.74 0.98 0.00	47.59 0.96 -0.85	42.99 1.07 -0.85	38.97 0.94 -0.58
SWANROAD_115KV_TB1 355699	35.16 -0.56 -0.73	32.18 0.56 -0.47	29.40 0.26 -0.30	27.12 0.13 -0.16	28.29 0.39 -0.22	32.50 0.44 -0.49	40.41 -0.76 -1.08	39.81 -1.36 -1.16	37.93 -0.72 -0.98	32.38 -0.42 -0.59	33.34 -0.50 -0.75	34.46 -0.27 -0.83	36.52 0.28 -0.93	38.67 0.07 -1.10	39.69 -0.55 -1.22	45.41 -0.09 -1.61	52.09 0.58 -3.19	69.24 0.40 -2.57	74.17 0.96 -4.73	69.82 -0.26 -4.19	54.15 -0.72 -3.12	47.49 -0.46 -2.17	42.61 0.12 -1.41	40.25 1.20 -1.60
SYNERGY___BIOGAS 323694	36.16 0.45 -0.72	32.89 1.28 -0.46	30.08 0.95 -0.30	27.79 0.80 -0.16	28.95 1.05 -0.22	33.38 1.33 -0.49	41.93 0.76 -1.07	41.51 0.36 -1.14	39.31 0.68 -0.97	33.44 0.64 -0.58	34.35 0.53 -0.74	35.47 0.75 -0.81	37.60 1.38 -0.92	39.81 1.24 -1.08	40.92 0.70 -1.20	46.84 1.36 -1.58	53.82 2.37 -3.14	72.12 3.31 -2.53	77.31 4.18 -4.65	73.11 3.10 -4.13	56.48 1.66 -3.07	49.34 1.42 -2.14	44.07 1.60 -1.39	41.35 2.32 -1.57
SYRACUSE___ENERGY_ST1 323597	37.18 0.00 -2.19	32.66 0.09 -1.41	29.70 0.06 -0.81	27.31 0.00 -0.49	28.50 0.06 -0.77	33.32 0.09 -1.67	43.50 0.12 -3.29	44.08 0.20 -3.88	41.24 0.15 -3.42	34.14 0.06 -1.86	35.68 0.07 -2.53	36.64 0.07 -2.67	37.98 0.18 -2.49	40.38 0.19 -2.69	42.21 0.20 -2.99	48.16 0.40 -3.87	56.69 0.68 -7.70	73.52 0.86 -6.38	81.32 1.16 -11.67	77.15 0.92 -10.35	59.79 0.52 -7.51	51.24 0.23 -5.24	44.64 0.16 -3.40	41.46 0.15 -3.85
SYRACUSE___ENERGY_ST2 323598	37.18 0.00 -2.19	32.66 0.09 -1.41	29.70 0.06 -0.81	27.31 0.00 -0.49	28.50 0.06 -0.77	33.32 0.09 -1.67	43.50 0.12 -3.29	44.08 0.20 -3.88	41.24 0.15 -3.42	34.14 0.06 -1.86	35.68 0.07 -2.53	36.64 0.07 -2.67	37.98 0.18 -2.49	40.38 0.19 -2.69	42.21 0.20 -2.99	48.16 0.40 -3.87	56.69 0.68 -7.70	73.52 0.86 -6.38	81.32 1.16 -11.67	77.15 0.92 -10.35	59.79 0.52 -7.51	51.24 0.23 -5.24	44.64 0.16 -3.40	41.46 0.15 -3.85
SYRACUSE___POWER 24017	36.78 0.00 -1.79	32.40 0.09 -1.15	29.52 0.06 -0.63	27.22 0.00 -0.40	28.39 0.06 -0.66	33.08 0.09 -1.42	42.88 0.08 -2.70	43.53 0.20 -3.32	40.77 0.15 -2.96	33.80 0.03 -1.56	35.27 0.03 -2.15	36.19 0.03 -2.25	37.41 0.14 -1.96	39.69 0.15 -2.04	41.44 0.16 -2.27	47.19 0.35 -2.94	54.79 0.63 -5.85	72.06 0.86 -4.92	78.56 1.10 -8.99	74.70 0.86 -7.96	57.94 0.47 -5.71	49.94 0.18 -3.98	43.78 0.12 -2.58	40.50 0.11 -2.92
TALLMAN_138KV_BK151 55660	36.65 1.29 -0.37	32.24 0.97 -0.12	29.70 0.86 0.00	27.58 0.75 0.00	28.42 0.75 0.00	32.49 0.82 -0.11	41.59 1.12 -0.37	42.33 2.04 -0.28	40.66 2.18 -0.82	35.77 2.13 -1.43	35.95 2.38 -0.49	37.74 2.48 -1.36	39.00 2.54 -1.15	41.30 2.77 -1.02	43.11 2.97 -1.13	48.37 2.81 -1.67	52.18 2.61 -1.25	69.75 3.18 -0.29	71.91 3.15 -0.27	67.60 1.71 0.00	52.95 1.19 0.00	47.85 1.19 -0.88	43.23 1.27 -0.88	39.15 1.09 -0.60
TEALLAVE_115KV_TB7 355573	36.52 -0.14 -1.67	32.20 -0.03 -1.08	29.35 -0.06 -0.57	27.12 -0.08 -0.37	28.28 -0.03 -0.63	32.88 -0.03 -1.35	42.50 -0.12 -2.53	43.18 0.00 -3.17	40.47 -0.04 -2.84	33.59 -0.10 -1.47	35.03 -0.10 -2.05	35.97 -0.07 -2.13	37.10 0.00 -1.79	39.33 0.00 -1.83	41.05 0.00 -2.03	46.67 0.13 -2.65	53.97 0.39 -5.27	71.20 0.46 -4.46	77.30 0.68 -8.14	73.48 0.40 -7.20	57.00 0.10 -5.14	49.32 -0.05 -3.58	43.32 -0.08 -2.33	40.05 -0.04 -2.63
TELGRAPH_34_KV_EAST 80808	35.78 0.07 -0.73	32.62 1.00 -0.46	29.83 0.69 -0.30	27.52 0.54 -0.16	28.70 0.80 -0.22	33.06 1.01 -0.49	41.33 0.16 -1.07	40.80 -0.36 -1.15	38.75 0.11 -0.97	33.02 0.23 -0.58	33.96 0.13 -0.75	35.10 0.37 -0.82	37.22 0.99 -0.93	39.41 0.82 -1.09	40.46 0.23 -1.21	46.32 0.83 -1.59	53.17 1.69 -3.17	70.94 2.12 -2.54	76.04 2.88 -4.68	71.69 1.65 -4.16	55.52 0.67 -3.09	48.57 0.64 -2.15	43.46 0.99 -1.40	40.95 1.91 -1.58
TEMPLE___115KV_TB 2 55572	36.51 -0.14 -1.67	32.23 0.00 -1.08	29.38 -0.03 -0.57	27.14 -0.05 -0.37	28.30 0.00 -0.63	32.88 -0.03 -1.35	42.49 -0.12 -2.52	43.19 0.04 -3.15	40.48 0.00 -2.82	33.62 -0.06 -1.46	35.05 -0.07 -2.04	35.95 -0.07 -2.12	37.13 0.04 -1.79	39.37 0.04 -1.83	41.10 0.04 -2.04	46.72 0.18 -2.65	54.02 0.43 -5.28	71.27 0.53 -4.46	77.38 0.75 -8.14	73.56 0.46 -7.21	57.07 0.16 -5.15	49.32 -0.05 -3.59	43.32 -0.08 -2.33	40.06 -0.04 -2.64
TIANA___69_KV_BK 1 55817	37.20 1.82 -0.39	32.38 1.09 -0.13	29.61 0.78 0.00	27.31 0.48 0.00	28.12 0.44 0.00	32.34 0.66 -0.11	41.36 0.80 -0.46	42.72 2.28 -0.43	40.83 2.18 -0.98	36.21 2.48 -1.52	36.73 3.11 -0.54	39.42 3.22 -2.30	39.74 3.00 -1.44	42.00 3.34 -1.16	44.50 3.75 -1.73	48.43 2.77 -1.78	52.23 2.17 -1.74	68.91 1.86 -0.77	70.68 1.78 -0.42	66.09 0.26 0.06	52.85 0.62 -0.47	47.25 0.55 -0.92	43.31 1.23 -1.01	38.77 0.67 -0.64

TILDEN___115KV_TB1 80814	36.78 0.00 -1.79	32.40 0.09 -1.15	29.52 0.06 -0.63	27.22 0.00 -0.40	28.39 0.06 -0.66	33.08 0.09 -1.42	42.88 0.08 -2.70	43.53 0.20 -3.32	40.77 0.15 -2.96	33.80 0.03 -1.56	35.27 0.03 -2.15	36.19 0.03 -2.25	37.41 0.14 -1.96	39.69 0.15 -2.04	41.44 0.16 -2.27	47.19 0.35 -2.94	54.79 0.63 -5.85	72.06 0.86 -4.92	78.56 1.10 -8.99	74.70 0.86 -7.96	57.94 0.47 -5.71	49.94 0.18 -3.98	43.78 0.12 -2.58	40.50 0.11 -2.92
TRIGEN___CC 323695	36.99 1.61 -0.39	32.44 1.15 -0.13	29.78 0.95 0.00	27.58 0.75 0.00	28.37 0.69 0.00	32.56 0.88 -0.11	41.48 0.92 -0.46	42.48 2.04 -0.44	40.79 2.15 -0.99	36.08 2.35 -1.52	36.36 2.71 -0.57	40.47 2.71 -3.85	39.58 2.82 -1.44	41.71 3.04 -1.17	44.83 3.12 -2.69	48.30 2.63 -1.78	52.24 2.17 -1.75	69.51 2.45 -0.78	71.17 2.26 -0.42	67.11 0.92 -0.30	52.85 0.62 -0.47	47.39 0.69 -0.93	43.19 1.11 -1.01	38.96 0.86 -0.64
TRINITY___115KV___4 BK 55933	34.55 -0.17 0.26	30.82 -0.25 0.09	28.63 -0.20 0.00	26.74 -0.08 0.00	27.48 -0.19 0.00	31.26 -0.22 0.08	39.55 -0.28 0.27	40.12 0.32 0.21	37.43 0.30 0.53	31.54 0.26 0.94	32.99 0.23 0.32	33.47 0.24 0.67	34.70 0.14 0.75	36.98 0.15 0.67	38.69 0.27 0.61	43.18 0.35 1.06	47.71 0.19 0.80	66.29 0.20 0.19	68.45 0.14 0.17	65.23 -0.66 0.00	51.29 -0.47 0.00	44.76 -0.46 0.56	40.18 -0.33 0.56	36.66 -0.41 0.38
UNION___PROCESSING_DRP 323587	35.77 0.07 -0.71	32.17 0.56 -0.45	29.50 0.37 -0.29	27.28 0.30 -0.16	28.34 0.44 -0.22	32.64 0.60 -0.48	41.46 0.32 -1.05	41.32 0.20 -1.11	39.02 0.41 -0.94	33.16 0.39 -0.56	34.10 0.30 -0.72	35.17 0.47 -0.79	37.15 0.95 -0.89	39.41 0.86 -1.05	40.69 0.51 -1.17	46.40 0.97 -1.54	53.06 1.69 -3.05	71.19 2.45 -2.45	76.01 3.01 -4.52	72.20 2.31 -4.01	55.93 1.19 -2.98	48.77 0.92 -2.08	43.41 0.99 -1.35	40.48 1.50 -1.53
UPPER HUDSON___HYD 24058	35.44 0.77 0.32	31.71 0.66 0.11	29.47 0.63 0.00	27.41 0.59 0.00	28.23 0.55 0.00	32.20 0.73 0.09	40.89 1.12 0.33	41.28 1.52 0.25	37.98 0.94 0.62	31.74 0.61 1.09	33.17 0.46 0.37	33.47 0.34 0.78	34.72 0.28 0.87	37.10 0.37 0.78	38.86 0.55 0.70	43.57 0.92 1.24	48.73 1.35 0.94	68.38 2.32 0.22	71.15 2.88 0.20	67.86 1.97 0.00	53.21 1.45 0.00	46.27 1.14 0.66	41.40 0.98 0.66	37.65 0.64 0.45
UPPER RAQUET___HYD 24056	48.68 0.88 -12.82	40.55 0.75 -8.65	30.76 0.61 -1.32	30.27 0.59 -2.86	36.07 0.61 -7.79	48.42 0.79 -16.07	62.03 1.12 -20.82	81.79 0.56 -41.22	78.11 0.45 -39.99	49.10 0.32 -16.56	59.89 0.36 -26.45	59.15 0.34 -24.91	43.58 0.18 -8.10	38.02 0.08 -0.44	39.47 -0.04 -0.49	44.58 0.04 -0.64	49.54 -0.05 -1.27	74.75 -0.07 -8.54	81.70 -0.14 -13.35	77.95 0.85 -11.21	54.04 1.03 -1.24	47.93 1.28 -0.87	42.67 1.03 -0.56	38.99 0.90 -0.64
VALLEY44_115KV_TB2 355964	35.79 0.03 -0.77	32.45 0.81 -0.49	29.61 0.46 -0.32	27.32 0.32 -0.17	28.60 0.69 -0.24	32.96 0.88 -0.52	41.51 0.28 -1.13	41.22 0.00 -1.21	39.14 0.45 -1.02	33.34 0.52 -0.61	34.36 0.50 -0.79	35.58 0.81 -0.86	37.62 1.34 -0.97	39.80 1.16 -1.14	41.07 0.78 -1.27	47.02 1.45 -1.68	54.01 2.37 -3.33	71.87 2.92 -2.68	77.31 3.90 -4.93	72.63 2.37 -4.38	56.05 1.04 -3.25	48.82 0.78 -2.27	43.53 0.99 -1.47	40.70 1.57 -1.67
VALLEY___115KV_TB 1-4 80826	35.18 -0.10 -0.30	31.29 -0.06 -0.20	28.83 -0.03 -0.03	26.89 0.00 -0.07	27.83 -0.03 -0.18	31.97 0.03 -0.38	40.78 0.20 -0.48	41.33 0.36 -0.96	38.83 0.23 -0.94	32.63 0.03 -0.39	33.76 0.07 -0.62	34.56 0.07 -0.58	35.56 0.07 -0.18	37.57 0.07 0.00	39.06 0.04 0.00	44.03 0.13 0.00	48.46 0.14 0.00	66.59 0.13 -0.18	69.03 0.27 -0.27	66.18 0.07 -0.23	51.76 0.00 0.00	45.96 0.18 0.00	41.16 0.08 0.00	37.38 -0.07 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	36.73 1.26 -0.49	32.59 1.12 -0.31	30.10 1.07 -0.20	27.90 0.97 -0.11	28.85 1.02 -0.15	33.00 1.10 -0.33	42.38 1.56 -0.72	42.68 1.92 -0.76	40.17 1.73 -0.77	34.20 1.32 -0.67	35.03 1.39 -0.56	36.09 1.46 -0.72	37.68 1.55 -0.82	40.03 1.65 -0.89	41.60 1.64 -0.94	47.25 2.02 -1.34	52.90 2.32 -2.27	71.28 3.31 -1.68	75.09 3.56 -3.05	71.31 2.77 -2.66	55.91 2.17 -1.98	49.30 1.97 -1.55	43.87 1.73 -1.07	39.97 1.39 -1.13
VISCHER___FERRY HYD 24020	35.21 0.66 0.44	31.48 0.47 0.15	29.32 0.49 0.00	27.31 0.48 0.00	28.09 0.42 0.00	31.91 0.47 0.13	40.37 0.72 0.45	40.90 1.24 0.35	37.89 1.09 0.87	31.63 0.93 1.52	33.39 0.83 0.52	33.59 0.78 1.09	34.90 0.81 1.22	37.27 0.86 1.09	39.09 1.05 0.98	43.38 1.23 1.74	48.25 1.25 1.31	67.83 1.85 0.30	70.11 1.91 0.29	66.94 1.05 0.00	52.54 0.78 0.00	45.50 0.64 0.92	40.81 0.66 0.93	37.28 0.45 0.63
V_A_10_SYNC_DSASP 323832	35.55 -0.14 -0.70	32.35 0.75 -0.44	29.61 0.49 -0.29	27.33 0.35 -0.16	28.47 0.58 -0.22	32.73 0.69 -0.47	40.85 -0.28 -1.03	40.33 -0.80 -1.13	38.39 -0.23 -0.95	32.78 0.00 -0.57	33.74 -0.07 -0.73	34.85 0.14 -0.80	36.88 0.67 -0.91	39.05 0.49 -1.06	40.16 -0.04 -1.18	45.85 0.40 -1.56	52.48 1.06 -3.10	69.90 1.13 -2.49	74.85 1.78 -4.59	70.62 0.66 -4.07	54.74 -0.05 -3.03	47.98 0.09 -2.11	42.98 0.53 -1.37	40.51 1.50 -1.55
V_CMM_10_SYNC_DSASP 323787	33.39 0.31 1.91	30.15 0.28 1.29	28.85 0.20 0.18	26.59 0.19 0.43	26.69 0.19 1.17	29.40 0.25 2.42	37.35 0.36 3.10	33.67 -0.12 6.22	31.55 -0.08 6.04	29.69 -0.03 2.49	29.09 0.00 3.99	30.12 -0.03 3.75	33.99 -0.14 1.18	37.31 -0.19 0.00	38.79 -0.23 0.00	43.54 -0.35 0.00	47.83 -0.48 0.00	64.60 -0.53 1.15	66.05 -0.68 1.75	64.63 0.20 1.46	52.07 0.31 0.00	46.19 0.41 0.00	41.40 0.33 0.00	37.80 0.34 0.00
V_CMP_10_SYNC_DSASP 323788	37.41 1.47 -0.95	33.11 1.31 -0.64	29.96 1.04 -0.09	27.92 0.88 -0.21	29.14 0.89 -0.58	33.84 1.07 -1.21	43.05 1.40 -1.55	44.11 1.00 -3.10	41.69 1.02 -3.01	34.52 1.06 -1.24	36.22 1.16 -1.99	36.83 1.05 -1.87	36.67 0.78 -0.59	38.13 0.64 0.00	39.45 0.43 0.00	44.46 0.57 0.00	49.08 0.77 0.00	68.31 1.46 -0.57	70.45 1.09 -0.87	68.00 1.39 -0.73	52.79 1.03 0.00	46.69 0.92 0.00	41.49 0.41 0.00	37.95 0.49 0.00
V_D_10_SYNC_DSASP 323841	53.80 0.59 -18.22	44.00 0.53 -12.31	30.97 0.40 -1.73	31.26 0.38 -4.06	39.27 0.39 -11.20	55.19 0.54 -23.10	70.43 0.68 -29.65	99.54 0.16 -59.37	95.50 0.15 -57.69	56.16 0.16 -23.78	71.37 0.20 -38.09	69.88 0.17 -35.80	46.62 0.07 -11.24	37.50 0.00 0.00	38.98 -0.04 0.00	43.85 -0.04 0.00	48.22 -0.10 0.00	77.23 0.00 -10.95	85.13 -0.07 -16.71	80.64 0.85 -13.90	52.59 0.83 0.00	46.69 0.92 0.00	41.73 0.66 0.00	38.10 0.64 0.00
V_E_10_SYNC_DSASP 323830	38.24 2.31 -0.94	33.97 2.21 -0.60	31.24 2.02 -0.39	28.86 1.83 -0.21	29.98 2.02 -0.29	34.63 2.43 -0.64	44.98 3.49 -1.39	44.94 3.56 -1.38	41.83 2.86 -1.30	34.98 1.77 -0.99	35.77 1.72 -0.97	36.88 1.80 -1.17	38.57 1.94 -1.32	41.04 2.06 -1.48	42.61 1.99 -1.60	48.97 2.85 -2.22	56.52 4.10 -4.10	75.69 6.23 -3.18	82.03 7.74 -5.81	77.99 6.98 -5.12	60.85 5.28 -3.81	53.06 4.49 -2.79	46.64 3.70 -1.86	42.54 3.03 -2.04

V_F_30_NSYNC___DSASP 323816	35.69 1.05 0.34	31.88 0.84 0.11	29.67 0.84 0.00	27.60 0.78 0.00	28.39 0.72 0.00	32.35 0.88 0.10	41.03 1.28 0.35	41.43 1.68 0.26	38.28 1.28 0.66	31.99 0.93 1.16	33.51 0.83 0.40	33.85 0.78 0.83	35.15 0.78 0.93	37.53 0.86 0.83	39.32 1.05 0.75	43.97 1.40 1.33	49.00 1.69 1.00	68.70 2.65 0.23	71.27 3.01 0.22	68.06 2.17 0.00	53.37 1.61 0.00	46.41 1.33 0.70	41.60 1.23 0.70	37.92 0.94 0.48
V_F_30_SYNC_DSASP 323786	34.68 -0.03 0.27	30.91 -0.16 0.09	28.72 -0.12 0.00	26.83 0.00 0.00	27.56 -0.11 0.00	31.39 -0.09 0.08	39.70 -0.12 0.28	40.23 0.44 0.22	37.49 0.38 0.55	31.58 0.32 0.96	33.05 0.30 0.33	33.52 0.31 0.69	34.75 0.21 0.77	37.04 0.22 0.69	38.79 0.39 0.62	43.28 0.48 1.09	47.88 0.39 0.82	66.55 0.46 0.19	68.71 0.41 0.18	65.56 -0.33 0.00	51.50 -0.26 0.00	44.93 -0.27 0.58	40.33 -0.16 0.58	36.77 -0.30 0.39
V_XM_10_SYNC_DSASP 323789	37.41 1.47 -0.95	33.11 1.31 -0.64	29.96 1.04 -0.09	27.92 0.88 -0.21	29.14 0.89 -0.58	33.84 1.07 -1.21	43.05 1.40 -1.55	44.11 1.00 -3.10	41.69 1.02 -3.01	34.52 1.06 -1.24	36.22 1.16 -1.99	36.83 1.05 -1.87	36.67 0.78 -0.59	38.13 0.64 0.00	39.45 0.43 0.00	44.46 0.57 0.00	49.08 0.77 0.00	68.31 1.46 -0.57	70.45 1.09 -0.87	68.00 1.39 -0.73	52.79 1.03 0.00	46.69 0.92 0.00	41.49 0.41 0.00	37.95 0.49 0.00
W.BABYLN_69_KV_BK1 56697	37.65 2.27 -0.39	32.94 1.65 -0.13	30.16 1.33 0.00	27.90 1.07 0.00	28.73 1.05 0.00	32.97 1.29 -0.11	42.08 1.52 -0.46	43.28 2.84 -0.43	41.40 2.75 -0.98	36.63 2.90 -1.52	37.03 3.41 -2.51	39.91 3.49 -2.51	40.24 3.50 -1.44	42.49 3.82 -1.16	44.98 4.10 -1.86	49.01 3.34 -1.78	52.86 2.80 -1.75	70.04 2.98 -0.78	71.78 2.88 -0.42	66.87 0.99 0.00	53.52 1.29 -0.47	48.03 1.33 -0.92	43.89 1.81 -1.01	39.44 1.35 -0.64
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	36.79 1.43 -0.37	32.37 1.09 -0.12	29.81 0.98 0.00	27.66 0.83 0.00	28.50 0.83 0.00	32.71 1.04 -0.11	41.92 1.44 -0.38	42.66 2.36 -0.29	40.97 2.49 -0.82	36.01 2.35 -1.45	36.19 2.61 -0.50	37.97 2.68 -1.39	39.22 2.75 -1.16	41.57 3.04 -1.03	43.41 3.24 -1.15	48.78 3.20 -1.68	52.43 2.85 -1.26	70.15 3.58 -0.29	72.25 3.49 -0.28	67.93 2.04 0.00	53.26 1.50 0.00	48.09 1.42 -0.89	43.45 1.48 -0.89	39.34 1.27 -0.61
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	37.06 1.68 -0.39	32.59 1.31 -0.13	29.99 1.15 0.00	27.79 0.97 0.00	28.64 0.97 0.00	32.75 1.07 -0.11	42.09 1.52 -0.47	42.99 2.52 -0.46	41.42 2.75 -1.01	36.41 2.67 -1.52	36.56 2.94 -0.53	39.44 3.05 -2.49	39.88 3.11 -1.47	42.08 3.41 -1.17	44.46 3.63 -1.81	49.11 3.42 -1.79	53.33 3.19 -1.83	70.99 3.84 -0.87	72.57 3.63 -0.45	68.48 2.11 -0.49	53.82 1.50 -0.56	48.22 1.51 -0.93	43.74 1.64 -1.02	39.48 1.39 -0.64
W50THST__13_KV_LOAD 356117	37.23 1.85 -0.39	32.75 1.46 -0.13	30.13 1.30 0.00	27.93 1.10 0.00	28.78 1.11 0.00	32.94 1.26 -0.11	42.37 1.76 -0.51	43.35 2.80 -0.54	41.76 3.01 -1.08	36.60 2.87 -1.52	36.79 3.18 -0.53	39.93 3.32 -2.70	40.33 3.42 -1.60	42.43 3.71 -1.22	44.89 3.94 -1.93	49.51 3.82 -1.80	53.98 3.58 -2.09	71.82 4.37 -1.16	73.20 4.18 -0.54	69.20 2.57 -0.74	54.48 1.86 -0.85	48.50 1.79 -0.93	44.03 1.89 -1.06	39.67 1.57 -0.64
WADING RIVER_IC_1 23522	36.81 1.43 -0.39	32.06 0.78 -0.13	29.32 0.49 0.00	27.09 0.27 0.00	27.87 0.20 0.00	32.06 0.38 -0.11	41.04 0.48 -0.46	42.19 1.88 -0.30	40.45 1.81 -0.98	35.86 2.13 -1.52	36.30 2.68 -0.54	38.61 2.41 -2.30	39.25 2.51 -1.44	41.47 2.81 -1.16	43.91 3.16 -1.73	47.47 1.80 -1.78	51.31 1.25 -1.74	67.78 0.73 -0.77	69.39 0.48 -0.42	65.10 -0.72 0.06	51.76 -0.47 -0.47	46.47 -0.23 -0.92	42.82 0.74 -1.01	38.92 0.82 -0.64
WADING RIVER_IC_2 23547	36.81 1.43 -0.39	32.06 0.78 -0.13	29.32 0.49 0.00	27.09 0.27 0.00	27.87 0.20 0.00	32.06 0.38 -0.11	41.04 0.48 -0.46	42.19 1.88 -0.30	40.45 1.81 -0.98	35.86 2.13 -1.52	36.30 2.68 -0.54	38.61 2.41 -2.30	39.25 2.51 -1.44	41.47 2.81 -1.16	43.91 3.16 -1.73	47.47 1.80 -1.78	51.31 1.25 -1.74	67.78 0.73 -0.77	69.39 0.48 -0.42	65.10 -0.72 0.06	51.76 -0.47 -0.47	46.47 -0.23 -0.92	42.82 0.74 -1.01	38.92 0.82 -0.64
WADING RIVER_IC_3 23601	36.81 1.43 -0.39	32.06 0.78 -0.13	29.32 0.49 0.00	27.09 0.27 0.00	27.87 0.20 0.00	32.06 0.38 -0.11	41.04 0.48 -0.46	42.19 1.88 -0.30	40.45 1.81 -0.98	35.86 2.13 -1.52	36.30 2.68 -0.54	38.61 2.41 -2.30	39.25 2.51 -1.44	41.47 2.81 -1.16	43.91 3.16 -1.73	47.47 1.80 -1.78	51.31 1.25 -1.74	67.78 0.73 -0.77	69.39 0.48 -0.42	65.10 -0.72 0.06	51.76 -0.47 -0.47	46.47 -0.23 -0.92	42.82 0.74 -1.01	38.92 0.82 -0.64
WALDENNY_12_KV_BK2 80841	36.01 0.28 -0.75	32.85 1.22 -0.48	30.01 0.86 -0.31	27.66 0.67 -0.17	28.87 0.97 -0.23	33.27 1.20 -0.50	41.52 0.32 -1.10	41.03 -0.16 -1.18	39.00 0.34 -1.00	33.30 0.48 -0.60	34.31 0.46 -0.77	35.46 0.71 -0.84	37.60 1.34 -0.95	39.82 1.20 -1.12	40.93 0.66 -1.24	46.85 1.32 -1.64	53.79 2.22 -3.26	71.48 2.58 -2.62	76.72 3.42 -4.82	72.14 1.98 -4.28	55.82 0.88 -3.18	48.82 0.82 -2.22	43.71 1.19 -1.44	41.11 2.02 -1.63
WALDEN__HYDRO 24148	36.52 1.22 -0.31	32.19 0.93 -0.10	29.67 0.84 0.00	27.55 0.72 0.00	28.39 0.72 0.00	32.41 0.76 -0.09	41.53 1.12 -0.32	42.24 1.96 -0.27	40.50 2.07 -0.77	35.50 1.93 -1.35	35.69 2.15 -0.46	37.11 2.17 -1.03	38.65 2.26 -1.08	40.98 2.51 -0.97	42.63 2.69 -0.91	48.10 2.63 -1.57	52.06 2.56 -1.18	69.80 3.25 -0.27	71.96 3.22 -0.26	67.73 1.84 0.00	53.11 1.35 0.00	47.89 1.28 -0.83	43.22 1.31 -0.83	39.15 1.12 -0.57
WARRENSBURG____ 23737	35.44 0.77 0.32	31.70 0.65 0.11	29.47 0.63 0.00	27.42 0.59 0.00	28.23 0.55 0.00	32.19 0.73 0.09	40.89 1.12 0.33	41.28 1.52 0.25	37.98 0.94 0.62	31.74 0.61 1.09	33.17 0.46 0.37	33.50 0.37 0.78	34.72 0.28 0.87	37.10 0.37 0.78	38.86 0.55 0.71	43.62 0.97 1.24	48.78 1.40 0.94	68.45 2.39 0.22	71.22 2.94 0.20	67.93 2.04 0.00	53.26 1.50 0.00	46.31 1.19 0.66	41.40 0.99 0.66	37.69 0.67 0.45
WATERSIDE____6 8 9 23538	37.23 1.85 -0.39	32.76 1.46 -0.14	30.11 1.27 -0.01	27.93 1.10 -0.01	28.79 1.11 -0.01	32.91 1.23 -0.12	42.65 1.56 -0.99	44.18 2.60 -1.57	42.51 2.82 -2.02	36.48 2.74 -1.53	36.63 3.01 -0.54	42.74 3.05 -5.78	41.89 3.21 -3.37	42.71 3.45 -1.76	46.10 3.51 -3.56	49.22 3.38 -1.94	56.58 2.85 -5.42	74.60 3.45 -4.88	73.41 3.29 -1.64	71.36 1.65 -3.83	57.36 1.19 -4.41	48.18 1.46 -0.93	44.34 1.64 -1.62	39.59 1.50 -0.64
WATKINRD_115KV_LN8_ILLION 55919	35.39 0.10 -0.30	31.45 0.09 -0.20	28.95 0.09 -0.03	26.97 0.08 -0.07	27.94 0.08 -0.18	32.03 0.09 -0.38	40.74 0.16 -0.48	41.29 0.32 -0.96	38.86 0.26 -0.94	32.80 0.19 -0.39	33.90 0.20 -0.62	34.69 0.20 -0.58	35.70 0.21 -0.18	37.76 0.26 0.00	39.25 0.23 0.00	44.20 0.31 0.00	48.70 0.39 0.00	66.99 0.53 -0.18	69.37 0.62 -0.27	66.44 0.33 -0.23	52.02 0.26 0.00	46.01 0.23 0.00	41.24 0.16 0.00	37.57 0.11 0.00

WDELAWARE___HYD 323627	36.54 1.30 -0.26	32.21 0.97 -0.09	29.70 0.86 0.00	27.55 0.72 0.00	28.39 0.72 0.00	32.46 0.82 -0.08	41.61 1.24 -0.27	42.30 2.08 -0.22	40.43 2.15 -0.63	35.18 1.87 -1.10	35.47 2.02 -0.38	36.74 2.00 -0.84	38.31 2.12 -0.88	40.65 2.36 -0.78	42.33 2.57 -0.73	47.69 2.50 -1.30	51.86 2.56 -0.99	69.95 3.44 -0.23	72.12 3.42 -0.22	68.00 2.11 0.00	53.31 1.55 0.00	47.94 1.46 -0.69	43.21 1.44 -0.70	39.17 1.23 -0.47
WEST BABYLON___IC 23714	37.65 2.27 -0.39	32.94 1.65 -0.13	30.16 1.33 0.00	27.90 1.07 0.00	28.73 1.05 0.00	32.97 1.29 -0.11	42.08 1.52 -0.46	43.28 2.84 -0.43	41.40 2.75 -0.98	36.63 2.90 -1.52	37.03 3.41 -0.54	39.91 3.49 -2.51	40.24 3.50 -1.44	42.49 3.82 -1.16	44.98 4.10 -1.86	49.01 3.34 -1.78	52.86 2.80 -1.75	70.04 2.98 -0.78	71.78 2.88 -0.42	66.87 0.99 0.00	53.52 1.29 -0.47	48.03 1.33 -0.92	43.89 1.81 -1.01	39.44 1.35 -0.64
WEST CANADA___HYD 24049	35.32 0.04 -0.30	31.39 0.03 -0.20	28.89 0.03 -0.03	26.94 0.05 -0.07	27.88 0.03 -0.18	31.97 0.03 -0.38	40.66 0.08 -0.48	41.21 0.24 -0.96	38.79 0.19 -0.94	32.76 0.16 -0.39	33.83 0.13 -0.62	34.62 0.14 -0.58	35.67 0.18 -0.18	37.69 0.19 0.00	39.22 0.20 0.00	44.11 0.22 0.00	48.56 0.24 0.00	66.79 0.33 -0.18	69.10 0.34 -0.27	66.18 0.07 -0.23	51.81 0.05 0.00	45.82 0.05 0.00	41.12 0.04 0.00	37.46 0.00 0.00
WESTERN_NY_WIND 24143	36.13 0.42 -0.73	32.89 1.28 -0.46	30.08 0.95 -0.30	27.76 0.78 -0.16	28.95 1.05 -0.22	33.35 1.29 -0.49	41.89 0.72 -1.07	41.47 0.32 -1.14	39.27 0.64 -0.97	33.41 0.61 -0.58	34.32 0.50 -0.74	35.44 0.71 -0.82	37.57 1.34 -0.92	39.78 1.20 -1.08	40.89 0.66 -1.20	46.80 1.32 -1.58	53.78 2.32 -3.15	72.06 3.25 -2.53	77.18 4.04 -4.66	72.99 2.96 -4.14	56.44 1.60 -3.08	49.25 1.33 -2.14	44.03 1.56 -1.39	41.36 2.32 -1.57
WESTOVER___LESR 323668	36.31 0.38 -0.94	32.31 0.56 -0.60	29.68 0.46 -0.39	27.41 0.38 -0.21	28.46 0.50 -0.29	32.76 0.57 -0.63	42.01 0.52 -1.39	42.04 0.64 -1.40	39.67 0.68 -1.33	33.77 0.58 -0.97	34.67 0.60 -1.00	35.77 0.68 -1.19	37.49 0.85 -1.34	39.87 0.86 -1.51	41.48 0.82 -1.64	47.27 1.14 -2.23	53.95 1.55 -4.09	71.50 2.05 -3.17	76.73 2.47 -5.78	72.69 1.71 -5.09	56.58 1.04 -3.78	49.34 0.78 -2.79	43.68 0.74 -1.86	40.36 0.86 -2.04
WETHRSFD_WT_PWR 323626	36.08 0.28 -0.82	32.73 1.06 -0.52	29.92 0.75 -0.34	27.60 0.59 -0.18	28.78 0.86 -0.25	33.19 1.07 -0.55	41.66 0.36 -1.20	41.24 -0.04 -1.27	38.93 0.19 -1.07	33.05 0.19 -0.64	34.04 0.13 -0.82	35.32 0.51 -0.90	37.14 0.81 -1.02	39.45 0.75 -1.20	40.66 0.31 -1.33	46.49 0.83 -1.76	53.40 1.59 -3.50	70.81 1.72 -2.81	76.60 2.94 -5.18	72.26 1.78 -4.59	56.11 0.93 -3.42	48.94 0.78 -2.38	43.69 1.07 -1.55	40.97 1.76 -1.75
WHAVSTOR_138KV_BK127 55557	36.65 1.29 -0.37	32.24 0.97 -0.12	29.70 0.86 0.00	27.55 0.72 0.00	28.39 0.72 0.00	32.46 0.79 -0.11	41.56 1.08 -0.38	42.26 1.96 -0.29	40.64 2.15 -0.83	35.76 2.09 -1.45	35.93 2.35 -0.50	37.76 2.44 -1.41	38.94 2.47 -1.17	41.24 2.70 -1.04	43.11 2.93 -1.16	48.31 2.72 -1.69	52.10 2.51 -1.27	69.62 3.05 -0.29	71.77 3.01 -0.28	67.47 1.58 0.00	52.90 1.14 0.00	47.77 1.10 -0.89	43.21 1.23 -0.90	39.12 1.05 -0.61
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	36.65 1.29 -0.37	32.24 0.97 -0.12	29.70 0.86 0.00	27.55 0.72 0.00	28.39 0.72 0.00	32.46 0.79 -0.11	41.56 1.08 -0.38	42.26 1.96 -0.29	40.64 2.15 -0.83	35.76 2.09 -1.45	35.93 2.35 -0.50	37.76 2.44 -1.41	38.94 2.47 -1.17	41.24 2.70 -1.04	43.11 2.93 -1.16	48.31 2.72 -1.69	52.10 2.51 -1.27	69.62 3.05 -0.29	71.77 3.01 -0.28	67.47 1.58 0.00	52.90 1.14 0.00	47.77 1.10 -0.89	43.21 1.23 -0.90	39.12 1.05 -0.61
WHITEHAL_115KV_TB1 80871	36.09 1.43 0.33	32.23 1.18 0.11	29.96 1.12 0.00	27.84 1.02 0.00	28.70 1.02 0.00	32.76 1.29 0.10	41.81 2.04 0.33	42.16 2.40 0.25	38.57 1.54 0.64	32.13 1.03 1.12	33.56 0.86 0.38	33.85 0.75 0.80	35.12 0.71 0.90	37.52 0.82 0.80	39.35 1.05 0.72	44.33 1.71 1.28	49.72 2.37 0.96	70.03 3.98 0.22	73.07 4.79 0.21	69.71 3.82 0.00	54.55 2.80 0.00	47.35 2.24 0.68	42.25 1.85 0.68	38.38 1.39 0.46
WHITEPLN_13_KV_LOAD 356215	37.16 1.78 -0.39	32.66 1.37 -0.13	30.07 1.24 0.00	27.90 1.07 0.00	28.73 1.05 0.00	32.88 1.20 -0.11	42.18 1.68 -0.40	42.95 2.64 -0.30	41.31 2.79 -0.86	36.34 2.61 -1.51	36.52 2.91 -0.53	38.55 2.98 -1.66	39.63 3.11 -1.21	41.95 3.37 -1.08	43.93 3.59 -1.32	49.12 3.47 -1.76	52.97 3.33 -1.32	70.70 4.11 -0.31	72.88 4.11 -0.29	68.52 2.64 0.00	53.67 1.92 0.00	48.49 1.79 -0.93	43.78 1.77 -0.93	39.63 1.54 -0.63
WM_FLOYD_69_KV_BK2 356380	37.09 1.71 -0.39	32.31 1.03 -0.13	29.55 0.72 0.00	27.28 0.46 0.00	28.09 0.42 0.00	32.31 0.63 -0.11	41.36 0.80 -0.46	42.68 2.24 -0.43	40.76 2.11 -0.98	36.08 2.35 -1.52	36.56 2.94 -0.54	39.22 3.02 -2.30	39.53 2.79 -1.44	41.77 3.11 -1.16	44.23 3.47 -1.73	48.13 2.46 -1.78	51.89 1.84 -1.74	68.45 1.39 -0.77	70.20 1.30 -0.42	65.63 -0.20 0.06	52.54 0.31 -0.47	47.02 0.32 -0.92	43.15 1.07 -1.01	38.62 0.52 -0.64
WOODARD___115KV_TB2 355635	36.67 -0.21 -1.89	32.28 -0.09 -1.22	29.41 -0.09 -0.67	27.11 -0.13 -0.42	28.28 -0.08 -0.69	32.96 -0.09 -1.49	42.78 -0.16 -2.85	43.44 -0.04 -3.47	40.68 -0.08 -3.09	33.72 -0.13 -1.63	35.20 -0.13 -2.25	36.12 -0.14 -2.35	37.35 -0.04 -2.07	39.63 -0.04 -2.17	41.40 -0.04 -2.42	47.13 0.09 -3.15	54.87 0.29 -6.27	71.86 0.33 -5.25	78.62 0.55 -9.59	74.71 0.33 -8.50	57.93 0.05 -6.11	49.90 -0.14 -4.26	43.72 -0.12 -2.77	40.48 -0.11 -3.13
WOODMERE_69_KV_BK1 55827	37.44 2.06 -0.39	32.81 1.53 -0.13	30.10 1.27 0.00	27.87 1.05 0.00	28.67 1.00 0.00	32.91 1.23 -0.11	41.84 1.28 -0.46	42.88 2.44 -0.44	41.13 2.49 -0.99	36.47 2.74 -1.52	36.79 3.14 -0.56	40.65 3.19 -3.55	40.04 3.28 -1.44	42.19 3.52 -1.17	45.16 3.63 -2.51	48.87 3.20 -1.78	52.91 2.85 -1.75	70.38 3.31 -0.78	72.13 3.22 -0.42	68.03 1.78 -0.36	53.58 1.35 -0.47	47.94 1.24 -0.92	43.64 1.56 -1.01	39.33 1.24 -0.64
YORK___WARBASSE 23770	37.51 2.13 -0.39	33.01 1.71 -0.14	30.31 1.47 -0.01	28.07 1.23 -0.01	28.93 1.25 -0.01	33.10 1.42 -0.12	42.31 1.76 -0.45	43.21 2.80 -0.40	41.68 3.05 -0.97	36.51 2.77 -1.53	36.69 3.08 -0.54	41.00 3.29 -3.80	40.97 3.46 -2.21	42.32 3.67 -1.15	44.58 3.75 -1.81	49.22 3.56 -1.78	53.11 3.09 -1.70	70.92 3.91 -0.73	72.59 3.70 -0.41	67.56 2.11 0.44	52.76 1.50 0.50	48.50 1.79 -0.93	43.96 1.89 -0.99	39.78 1.69 -0.64