

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

11/26/2023

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1	39.78	36.39	36.36	32.48	32.18	38.97	34.73	32.19	29.47	28.24	30.70	33.93	35.71	37.78	40.29	44.53	43.15	51.27	47.81	57.79	48.31	40.09	33.18	35.77
24138	1.79	1.56	1.57	1.28	1.22	1.08	1.42	0.69	0.69	1.28	1.43	1.40	1.37	1.14	1.23	1.57	1.72	-0.81	-0.61	-0.66	0.43	-0.19	-0.23	-0.49
	-0.69	-1.82	-1.32	-1.62	-3.00	-12.52	-1.24	-17.03	-15.00	-2.61	-3.12	-8.26	-10.48	-16.69	-16.43	-12.41	-9.41	-67.01	-59.48	-70.07	-40.31	-43.58	-37.54	-45.97
74TH STREET_GT_1	39.80	36.42	36.38	32.51	32.20	38.99	34.76	32.20	29.49	28.27	30.72	33.95	35.72	37.79	40.31	44.55	43.17	51.27	47.80	57.79	48.31	40.10	33.18	35.77
24260	1.82	1.59	1.59	1.31	1.24	1.10	1.45	0.70	0.71	1.30	1.45	1.41	1.38	1.15	1.25	1.58	1.74	-0.82	-0.62	-0.67	0.43	-0.19	-0.24	-0.50
	-0.69	-1.82	-1.32	-1.62	-3.00	-12.52	-1.25	-17.04	-15.01	-2.62	-3.12	-8.26	-10.48	-16.69	-16.43	-12.41	-9.41	-67.02	-59.48	-70.08	-40.32	-43.59	-37.54	-45.98
74TH STREET_GT_2	39.80	36.42	36.38	32.51	32.20	38.99	34.76	32.20	29.49	28.27	30.72	33.95	35.72	37.79	40.31	44.55	43.17	51.27	47.80	57.79	48.31	40.10	33.18	35.77
24261	1.82	1.59	1.59	1.31	1.24	1.10	1.45	0.70	0.71	1.30	1.45	1.41	1.38	1.15	1.25	1.58	1.74	-0.82	-0.62	-0.67	0.43	-0.19	-0.24	-0.50
	-0.69	-1.82	-1.32	-1.62	-3.00	-12.52	-1.25	-17.04	-15.01	-2.62	-3.12	-8.26	-10.48	-16.69	-16.43	-12.41	-9.41	-67.02	-59.48	-70.08	-40.32	-43.59	-37.54	-45.98
ADK HUDSON__FALLS	40.65	37.43	37.41	33.62	33.64	42.71	35.92	36.66	33.36	29.21	31.70	36.25	38.52	41.86	44.24	47.33	45.16	67.55	62.27	74.86	57.90	50.68	42.31	46.76
24011	2.50	2.17	2.30	2.03	1.96	1.81	2.31	1.06	0.95	1.62	1.67	1.71	1.65	1.20	1.22	1.37	1.46	-0.70	-0.50	-0.49	0.30	-0.11	-0.15	-0.59
	-0.86	-2.25	-1.64	-2.01	-3.73	-15.53	-1.55	-21.14	-18.62	-3.25	-3.87	-10.26	-13.00	-20.71	-20.39	-15.40	-11.68	-83.17	-73.82	-86.97	-50.03	-54.10	-46.59	-57.06
ADK RESOURCE__RCVRY	40.81	37.54	37.51	33.73	33.79	42.85	36.08	36.76	33.44	29.33	31.84	36.43	38.71	42.04	44.44	47.56	45.43	67.47	62.23	74.83	57.98	50.69	42.32	46.76
23798	2.66	2.27	2.40	2.14	2.10	1.94	2.47	1.14	1.03	1.74	1.82	1.89	1.84	1.36	1.41	1.60	1.72	-0.82	-0.57	-0.57	0.34	-0.13	-0.17	-0.62
	-0.86	-2.26	-1.64	-2.01	-3.73	-15.54	-1.55	-21.15	-18.63	-3.25	-3.87	-10.26	-13.01	-20.72	-20.40	-15.41	-11.69	-83.22	-73.86	-87.02	-50.06	-54.13	-46.62	-57.09
ADK S GLENS__FALLS	40.65	37.43	37.41	33.62	33.64	42.71	35.92	36.66	33.36	29.21	31.70	36.25	38.52	41.86	44.24	47.33	45.16	67.55	62.27	74.86	57.90	50.68	42.31	46.76
24028	2.50	2.17	2.30	2.03	1.96	1.81	2.31	1.06	0.95	1.62	1.67	1.71	1.65	1.20	1.22	1.37	1.46	-0.70	-0.50	-0.49	0.30	-0.11	-0.15	-0.59
	-0.86	-2.25	-1.64	-2.01	-3.73	-15.53	-1.55	-21.14	-18.62	-3.25	-3.87	-10.26	-13.00	-20.71	-20.39	-15.40	-11.68	-83.17	-73.82	-86.97	-50.03	-54.10	-46.59	-57.06
ADK_NYS__DAM	40.25	37.07	36.97	33.17	33.19	41.83	35.39	35.75	32.53	28.81	31.33	35.58	37.80	41.12	43.68	47.10	44.95	64.79	59.81	71.94	56.35	48.88	40.77	45.04
23527	2.12	1.88	1.91	1.64	1.62	1.44	1.83	0.82	0.73	1.32	1.43	1.38	1.35	1.13	1.33	1.64	1.63	-0.75	-0.55	-0.58	0.37	-0.15	-0.19	-0.45
	-0.83	-2.18	-1.58	-1.94	-3.60	-15.03	-1.49	-20.46	-18.02	-3.14	-3.74	-9.92	-12.58	-20.04	-19.73	-14.90	-11.30	-80.47	-71.42	-84.14	-48.41	-52.33	-45.08	-55.21
AIR_PRODUCTS__DRP	38.58	35.62	35.48	31.97	31.98	40.78	33.99	35.18	32.07	27.93	30.38	34.54	36.80	40.33	42.75	45.85	43.68	65.74	60.56	72.78	56.25	49.23	41.11	45.66
24190	0.45	0.42	0.42	0.44	0.40	0.32	0.43	0.17	0.19	0.42	0.47	0.30	0.30	0.25	0.31	0.33	0.32	-0.14	-0.10	-0.11	0.07	-0.03	-0.03	-0.06
	-0.83	-2.19	-1.59	-1.95	-3.62	-15.09	-1.50	-20.54	-18.09	-3.15	-3.76	-9.97	-12.63	-20.12	-19.81	-14.96	-11.35	-80.81	-71.73	-84.50	-48.61	-52.56	-45.27	-55.44
AKWESSNE_115KV_BK	36.74	32.83	33.27	29.49	27.99	25.84	31.93	15.11	14.40	24.39	26.12	24.22	24.37	20.61	23.66	31.67	32.46	-11.79	-7.81	-7.77	8.48	-1.23	-2.28	-7.13
355683	-0.58	-0.26	-0.26	-0.16	-0.09	-0.04	-0.18	-0.05	0.00	-0.07	-0.16	-0.39	0.07	-0.03	0.36	0.60	0.06	0.39	0.81	0.97	-0.74	0.29	0.30	0.70
	-0.03	-0.07	-0.05	-0.07	-0.12	-0.51	-0.05	-0.70	-0.62	-0.11	-0.13	-0.34	-0.43	-0.69	-0.67	-0.51	-0.39	-2.75	-2.44	-2.88	-1.66	-1.79	-1.54	-1.89
ALBANY__1	38.58	35.62	35.48	31.97	31.98	40.78	33.99	35.18	32.07	27.93	30.38	34.54	36.80	40.33	42.75	45.85	43.68	65.74	60.56	72.78	56.25	49.23	41.11	45.66
23571	0.45	0.42	0.42	0.44	0.40	0.32	0.43	0.17	0.19	0.42	0.47	0.30	0.30	0.25	0.31	0.33	0.32	-0.14	-0.10	-0.11	0.07	-0.03	-0.03	-0.06
	-0.83	-2.19	-1.59	-1.95	-3.62	-15.09	-1.50	-20.54	-18.09	-3.15	-3.76	-9.97	-12.63	-20.12	-19.81	-14.96	-11.35	-80.81	-71.73	-84.50	-48.61	-52.56	-45.27	-55.44
ALBANY__2	38.58	35.62	35.48	31.97	31.98	40.78	33.99	35.18	32.07	27.93	30.38	34.54	36.80	40.33	42.75	45.85	43.68	65.74	60.56	72.78	56.25	49.23	41.11	45.66
23572	0.45	0.42	0.42	0.44	0.40	0.32	0.43	0.17	0.19	0.42	0.47	0.30	0.30	0.25	0.31	0.33	0.32	-0.14	-0.10	-0.11	0.07	-0.03	-0.03	-0.06
	-0.83	-2.19	-1.59	-1.95	-3.62	-15.09	-1.50	-20.54	-18.09	-3.15	-3.76	-9.97	-12.63	-20.12	-19.81	-14.96	-11.35	-80.81	-71.73	-84.50	-48.61	-52.56	-45.27	-55.44
ALBANY__3	38.58	35.62	35.48	31.97	31.98	40.78	33.99	35.18	32.07	27.93	30.38	34.54	36.80	40.33	42.75	45.85	43.68	65.74	60.56	72.78	56.25	49.23	41.11	45.66
23573	0.45	0.42	0.42	0.44	0.40	0.32	0.43	0.17	0.19	0.42	0.47	0.30	0.30	0.25	0.31	0.33	0.32	-0.14	-0.10	-0.11	0.07	-0.03	-0.03	-0.06
	-0.83	-2.19	-1.59	-1.95	-3.62	-15.09	-1.50	-20.54	-18.09	-3.15	-3.76	-9.97	-12.63	-20.12	-19.81	-14.96	-11.35	-80.81	-71.73	-84.50	-48.61	-52.56	-45.27	-55.44

ALBANY___4 23574	38.58 0.45 -0.83	35.62 0.42 -2.19	35.48 0.42 -1.59	31.97 0.44 -1.95	31.98 0.40 -3.62	40.78 0.32 -15.09	33.99 0.43 -1.50	35.18 0.17 -20.54	32.07 0.19 -18.09	27.93 0.42 -3.15	30.38 0.47 -3.76	34.54 0.30 -9.97	36.80 0.30 -12.63	40.33 0.25 -20.12	42.75 0.31 -19.81	45.85 0.33 -14.96	43.68 0.32 -11.35	65.74 -0.14 -80.81	60.56 -0.10 -71.73	72.78 -0.11 -84.50	56.25 0.07 -48.61	49.23 -0.03 -52.56	41.11 -0.03 -45.27	45.66 -0.06 -55.44
ALBANY___LFGE 323615	38.98 0.85 -0.84	36.00 0.77 -2.21	35.85 0.77 -1.60	32.29 0.74 -1.97	32.30 0.69 -3.65	41.17 0.59 -15.22	34.36 0.78 -1.51	35.51 0.33 -20.71	32.36 0.34 -18.24	28.19 0.66 -3.18	30.67 0.73 -3.79	34.89 0.57 -10.05	37.18 0.58 -12.74	40.74 0.49 -20.29	43.18 0.57 -19.98	46.33 0.69 -15.09	44.17 0.70 -11.45	66.22 -0.32 -81.48	61.02 -0.24 -72.32	73.34 -0.25 -85.20	56.74 0.16 -49.02	49.63 -0.06 -52.99	41.44 -0.08 -45.64	46.01 -0.17 -55.90
ALCOA_PA_115KV_PL-6C 55860	37.09 -0.24 -0.03	33.12 0.03 -0.08	33.58 0.05 -0.06	29.76 0.11 -0.07	28.26 0.17 -0.13	26.10 0.19 -0.54	32.22 0.11 -0.06	15.28 0.07 -0.74	14.55 0.12 -0.65	24.59 0.13 -0.11	26.33 0.04 -0.13	24.36 -0.28 -0.36	24.57 0.25 -0.45	20.80 0.12 -0.72	23.86 0.52 -0.71	31.90 0.81 -0.54	32.70 0.28 -0.41	-11.74 0.28 -2.90	-7.75 0.73 -2.58	-7.69 0.88 -3.04	8.62 -0.69 -1.75	-1.15 0.26 -1.89	-2.23 0.27 -1.63	-7.10 0.62 -1.99
ALCOA_RYNLDS___DRP 24188	37.09 -0.24 -0.03	33.12 0.03 -0.08	33.58 0.05 -0.06	29.76 0.11 -0.07	28.26 0.17 -0.13	26.10 0.19 -0.54	32.22 0.11 -0.06	15.28 0.07 -0.74	14.55 0.12 -0.65	24.59 0.13 -0.11	26.33 0.04 -0.13	24.36 -0.28 -0.36	24.57 0.25 -0.45	20.80 0.12 -0.72	23.86 0.52 -0.71	31.90 0.81 -0.54	32.70 0.28 -0.41	-11.74 0.28 -2.90	-7.75 0.73 -2.58	-7.69 0.88 -3.04	8.62 -0.69 -1.75	-1.15 0.26 -1.89	-2.23 0.27 -1.63	-7.10 0.62 -1.99
ALCOA___DSASP 323711	37.09 -0.24 -0.03	33.15 0.06 -0.08	33.58 0.05 -0.06	29.75 0.10 -0.07	28.25 0.16 -0.13	26.08 0.17 -0.54	32.23 0.12 -0.06	15.28 0.07 -0.74	14.55 0.12 -0.65	24.58 0.12 -0.11	26.33 0.04 -0.13	24.36 -0.28 -0.36	24.57 0.25 -0.45	20.80 0.12 -0.72	23.86 0.52 -0.71	31.93 0.83 -0.54	32.72 0.30 -0.41	-11.73 0.29 -2.90	-7.75 0.73 -2.58	-7.69 0.88 -3.04	8.63 -0.68 -1.75	-1.15 0.26 -1.89	-2.23 0.27 -1.63	-7.10 0.62 -1.99
ALLEGHENY___COGEN 23514	38.37 0.88 -0.19	34.25 0.73 -0.51	34.54 0.69 -0.37	30.60 0.56 -0.46	29.39 0.58 -0.85	29.43 0.53 -3.53	33.20 0.78 -0.35	19.49 0.23 -4.80	18.12 0.11 -4.23	24.75 -0.33 -0.74	26.69 -0.34 -0.88	26.30 -0.30 -2.33	26.42 -0.40 -2.95	24.35 -0.30 -4.70	26.96 -0.30 -4.63	34.15 0.11 -3.49	35.12 0.46 -2.64	3.60 -0.35 -18.88	5.30 -0.40 -16.76	7.70 -0.43 -19.74	19.17 0.24 -11.36	8.88 -0.10 -12.28	6.32 -0.13 -10.58	2.90 -0.34 -12.95
ALTAMONT_115KV_TB 2 55880	39.09 0.96 -0.83	36.06 0.86 -2.19	35.93 0.87 -1.59	32.33 0.80 -1.95	32.31 0.74 -3.62	41.13 0.66 -15.10	34.40 0.83 -1.50	35.38 0.37 -20.55	32.23 0.35 -18.10	28.16 0.65 -3.15	30.62 0.70 -3.76	34.88 0.64 -9.97	37.12 0.62 -12.64	40.61 0.52 -20.13	43.04 0.59 -19.82	46.26 0.74 -14.97	44.11 0.74 -11.36	65.56 -0.35 -80.83	60.43 -0.26 -71.75	72.64 -0.27 -84.52	56.37 0.17 -48.63	49.20 -0.08 -52.57	41.06 -0.10 -45.28	45.52 -0.22 -55.46
ALTONA_WT_PWR 323606	37.11 -0.21 -0.03	33.39 0.30 -0.07	33.87 0.34 -0.05	30.06 0.42 -0.07	28.63 0.55 -0.12	26.46 0.58 -0.51	32.71 0.59 -0.05	15.44 0.28 -0.70	14.73 0.34 -0.61	24.98 0.52 -0.11	26.74 0.46 -0.13	24.82 0.21 -0.34	24.87 0.58 -0.43	21.03 0.39 -0.68	24.15 0.85 -0.67	32.35 1.28 -0.51	33.17 0.77 -0.38	-12.06 0.13 -2.74	-7.86 0.77 -2.43	-7.84 0.92 -2.86	8.48 -0.73 -1.65	-1.20 0.32 -1.78	-2.27 0.32 -1.53	-7.08 0.76 -1.88
AMERICAN_REF_FUEL 24010	35.92 -1.56 -0.18	32.13 -1.36 -0.47	32.64 -1.18 -0.34	28.87 -1.13 -0.42	27.70 -1.04 -0.78	27.55 -1.09 -3.27	31.00 -1.39 -0.33	17.97 -0.94 -4.45	16.84 -0.86 -3.92	23.55 -1.48 -0.68	25.32 -1.65 -0.81	24.94 -1.49 -2.16	25.01 -1.59 -2.74	23.02 -1.29 -4.36	25.40 -1.52 -4.29	31.69 -2.07 -3.19	32.43 -2.00 -2.42	3.35 0.77 -17.50	4.85 0.38 -15.53	7.10 0.42 -18.30	17.90 -0.19 -10.52	8.19 0.11 -11.38	5.82 0.14 -9.80	2.53 0.24 -12.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	36.64 -0.84 -0.19	32.84 -0.67 -0.51	32.94 -0.90 -0.37	29.16 -0.88 -0.45	28.10 -0.69 -0.84	28.21 -0.66 -3.49	31.60 -0.80 -0.35	18.62 -0.60 -4.75	17.36 -0.61 -4.19	24.02 -1.06 -0.73	26.01 -1.01 -0.87	25.59 -0.99 -2.31	25.71 -1.08 -2.92	23.87 -0.75 -4.66	26.38 -0.84 -4.59	32.75 -1.23 -3.42	33.38 -1.23 -2.59	4.26 0.48 -18.71	5.93 0.39 -16.60	8.32 0.38 -19.56	18.60 -0.22 -11.25	8.97 0.11 -12.17	6.47 0.12 -10.48	3.16 0.04 -12.83
ARTHUR_KILL_GT_1 23520	39.74 1.76 -0.69	36.38 1.55 -1.82	36.33 1.54 -1.32	32.46 1.26 -1.62	32.16 1.20 -3.00	38.95 1.06 -12.52	34.69 1.39 -1.25	32.17 0.67 -17.04	29.46 0.68 -15.01	28.20 1.24 -2.62	30.64 1.37 -3.12	33.88 1.34 -8.26	35.65 1.31 -10.48	37.75 1.10 -16.69	40.26 1.20 -16.43	44.47 1.50 -12.41	43.11 1.68 -9.41	51.30 -0.79 -67.02	47.81 -0.61 -59.48	57.79 -0.67 -70.08	48.32 0.44 -40.32	40.09 -0.19 -43.59	33.18 -0.24 -37.54	35.76 -0.51 -45.98
ARTHUR_KILL_2 23512	39.63 1.65 -0.69	36.28 1.45 -1.82	36.23 1.43 -1.32	32.37 1.17 -1.62	32.07 1.11 -3.00	38.87 0.98 -12.52	34.59 1.29 -1.25	32.13 0.62 -17.04	29.42 0.64 -15.01	28.13 1.16 -2.62	30.56 1.29 -3.12	33.80 1.27 -8.26	35.58 1.23 -10.48	37.69 1.04 -16.69	40.18 1.12 -16.43	44.38 1.41 -12.41	42.99 1.56 -9.41	51.35 -0.74 -67.02	47.85 -0.57 -59.48	57.84 -0.62 -70.08	48.29 0.41 -40.32	40.10 -0.18 -43.59	33.19 -0.23 -37.54	35.79 -0.47 -45.98
ARTHUR_KILL_3 23513	39.36 1.37 -0.69	36.02 1.20 -1.82	35.99 1.20 -1.32	32.15 0.95 -1.62	31.87 0.91 -3.00	38.67 0.79 -12.52	34.35 1.04 -1.25	32.02 0.52 -17.03	29.32 0.53 -15.00	27.96 0.99 -2.62	30.38 1.11 -3.12	33.64 1.10 -8.26	35.42 1.08 -10.48	37.55 0.91 -16.69	40.02 0.96 -16.43	44.16 1.20 -12.41	42.77 1.33 -9.41	51.46 -0.63 -67.01	47.95 -0.47 -59.48	57.93 -0.52 -70.07	48.22 0.34 -40.32	40.13 -0.15 -43.59	33.23 -0.19 -37.54	35.88 -0.38 -45.98
ARTHUR_KILL_COGEN 323718	39.74 1.76 -0.69	36.38 1.55 -1.82	36.33 1.54 -1.32	32.46 1.26 -1.62	32.16 1.20 -3.00	38.95 1.06 -12.52	34.69 1.39 -1.25	32.17 0.67 -17.04	29.46 0.68 -15.01	28.20 1.24 -2.62	30.64 1.37 -3.12	33.88 1.34 -8.26	35.65 1.31 -10.48	37.75 1.10 -16.69	40.26 1.20 -16.43	44.47 1.50 -12.41	43.11 1.68 -9.41	51.30 -0.79 -67.02	47.81 -0.61 -59.48	57.79 -0.67 -70.08	48.32 0.44 -40.32	40.09 -0.19 -43.59	33.18 -0.24 -37.54	35.76 -0.51 -45.98
ASHOKAN____ 23654	40.46 2.41 -0.76	37.11 2.09 -2.00	37.05 2.12 -1.46	33.30 1.94 -1.79	33.09 1.82 -3.31	40.83 1.65 -13.80	35.57 2.14 -1.37	34.22 0.97 -18.78	31.22 0.89 -16.54	28.85 1.62 -2.88	31.27 1.68 -3.44	34.88 1.49 -9.11	36.93 1.52 -11.55	39.64 1.29 -18.40	42.27 1.52 -18.12	46.22 1.98 -13.68	44.57 2.17 -10.38	57.94 -1.02 -73.89	53.78 -0.75 -65.58	64.89 -0.76 -77.27	52.47 0.45 -44.45	44.56 -0.19 -48.06	37.04 -0.23 -41.39	40.50 -0.48 -50.70

ASTORIA_EAST_ENERGY_CC1 323581	39.35 1.36 -0.69	36.09 1.26 -1.82	35.93 1.14 -1.32	32.14 0.94 -1.62	31.83 0.87 -2.99	38.66 0.78 -12.51	34.32 1.02 -1.24	32.02 0.52 -17.04	29.33 0.54 -15.01	27.92 0.96 -2.62	30.34 1.07 -3.12	33.59 1.06 -8.26	35.35 1.01 -10.47	37.48 0.84 -16.69	39.96 0.90 -16.43	44.12 1.16 -12.40	42.74 1.32 -9.41	51.48 -0.60 -67.01	47.96 -0.45 -59.48	57.95 -0.51 -70.08	48.21 0.32 -40.32	40.14 -0.14 -43.59	33.24 -0.18 -37.54	35.90 -0.36 -45.98
ASTORIA_EAST_ENERGY_CC2 323582	39.35 1.36 -0.69	36.08 1.25 -1.82	35.93 1.14 -1.32	32.14 0.94 -1.62	31.83 0.87 -2.99	38.66 0.78 -12.51	34.32 1.02 -1.24	32.02 0.52 -17.04	29.32 0.54 -15.01	27.92 0.96 -2.62	30.34 1.07 -3.12	33.59 1.06 -8.26	35.35 1.01 -10.47	37.48 0.84 -16.69	39.96 0.90 -16.43	44.12 1.16 -12.40	42.74 1.32 -9.41	51.48 -0.60 -67.01	47.96 -0.45 -59.48	57.95 -0.51 -70.08	48.21 0.32 -40.32	40.14 -0.14 -43.59	33.24 -0.18 -37.54	35.90 -0.36 -45.98
ASTORIA_GT2_1 24094	39.38 1.40 -0.69	36.10 1.27 -1.82	35.95 1.16 -1.32	32.15 0.95 -1.62	31.85 0.88 -3.00	38.68 0.79 -12.52	34.33 1.03 -1.25	32.03 0.52 -17.04	29.34 0.55 -15.01	27.95 0.99 -2.62	30.35 1.08 -3.12	33.60 1.07 -8.26	35.37 1.03 -10.48	37.50 0.86 -16.69	39.98 0.92 -16.43	44.16 1.19 -12.41	42.76 1.33 -9.41	51.48 -0.61 -67.02	47.97 -0.45 -59.48	57.95 -0.51 -70.08	48.21 0.33 -40.32	40.14 -0.15 -43.59	33.23 -0.18 -37.54	35.89 -0.37 -45.98
ASTORIA_GT2_2 24095	39.38 1.40 -0.69	36.10 1.27 -1.82	35.95 1.16 -1.32	32.15 0.95 -1.62	31.85 0.88 -3.00	38.68 0.79 -12.52	34.33 1.03 -1.25	32.03 0.52 -17.04	29.34 0.55 -15.01	27.95 0.99 -2.62	30.35 1.08 -3.12	33.60 1.07 -8.26	35.37 1.03 -10.48	37.50 0.86 -16.69	39.98 0.92 -16.43	44.16 1.19 -12.41	42.76 1.33 -9.41	51.48 -0.61 -67.02	47.97 -0.45 -59.48	57.95 -0.51 -70.08	48.21 0.33 -40.32	40.14 -0.15 -43.59	33.23 -0.18 -37.54	35.89 -0.37 -45.98
ASTORIA_GT2_3 24096	39.38 1.40 -0.69	36.10 1.27 -1.82	35.95 1.16 -1.32	32.15 0.95 -1.62	31.85 0.88 -3.00	38.68 0.79 -12.52	34.33 1.03 -1.25	32.03 0.52 -17.04	29.34 0.55 -15.01	27.95 0.99 -2.62	30.35 1.08 -3.12	33.60 1.07 -8.26	35.37 1.03 -10.48	37.50 0.86 -16.69	39.98 0.92 -16.43	44.16 1.19 -12.41	42.76 1.33 -9.41	51.48 -0.61 -67.02	47.97 -0.45 -59.48	57.95 -0.51 -70.08	48.21 0.33 -40.32	40.14 -0.15 -43.59	33.23 -0.18 -37.54	35.89 -0.37 -45.98
ASTORIA_GT2_4 24097	39.38 1.40 -0.69	36.10 1.27 -1.82	35.95 1.16 -1.32	32.15 0.95 -1.62	31.85 0.88 -3.00	38.68 0.79 -12.52	34.33 1.03 -1.25	32.03 0.52 -17.04	29.34 0.55 -15.01	27.95 0.99 -2.62	30.35 1.08 -3.12	33.60 1.07 -8.26	35.37 1.03 -10.48	37.50 0.86 -16.69	39.98 0.92 -16.43	44.16 1.19 -12.41	42.76 1.33 -9.41	51.48 -0.61 -67.02	47.97 -0.45 -59.48	57.95 -0.51 -70.08	48.21 0.33 -40.32	40.14 -0.15 -43.59	33.23 -0.18 -37.54	35.89 -0.37 -45.98
ASTORIA_GT3_1 24098	39.38 1.40 -0.69	36.10 1.27 -1.82	35.95 1.16 -1.32	32.15 0.95 -1.62	31.85 0.88 -3.00	38.68 0.79 -12.52	34.33 1.03 -1.25	32.03 0.52 -17.04	29.34 0.55 -15.01	27.95 0.99 -2.62	30.35 1.08 -3.12	33.60 1.07 -8.26	35.37 1.03 -10.48	37.50 0.86 -16.69	39.98 0.92 -16.43	44.16 1.19 -12.41	42.76 1.33 -9.41	51.48 -0.61 -67.02	47.97 -0.45 -59.48	57.95 -0.51 -70.08	48.21 0.33 -40.32	40.14 -0.15 -43.59	33.23 -0.18 -37.54	35.89 -0.37 -45.98
ASTORIA_GT3_2 24099	39.38 1.40 -0.69	36.10 1.27 -1.82	35.95 1.16 -1.32	32.15 0.95 -1.62	31.85 0.88 -3.00	38.68 0.79 -12.52	34.33 1.03 -1.25	32.03 0.52 -17.04	29.34 0.55 -15.01	27.95 0.99 -2.62	30.35 1.08 -3.12	33.60 1.07 -8.26	35.37 1.03 -10.48	37.50 0.86 -16.69	39.98 0.92 -16.43	44.16 1.19 -12.41	42.76 1.33 -9.41	51.48 -0.61 -67.02	47.97 -0.45 -59.48	57.95 -0.51 -70.08	48.21 0.33 -40.32	40.14 -0.15 -43.59	33.23 -0.18 -37.54	35.89 -0.37 -45.98
ASTORIA_GT3_3 24100	39.38 1.40 -0.69	36.10 1.27 -1.82	35.95 1.16 -1.32	32.15 0.95 -1.62	31.85 0.88 -3.00	38.68 0.79 -12.52	34.33 1.03 -1.25	32.03 0.52 -17.04	29.34 0.55 -15.01	27.95 0.99 -2.62	30.35 1.08 -3.12	33.60 1.07 -8.26	35.37 1.03 -10.48	37.50 0.86 -16.69	39.98 0.92 -16.43	44.16 1.19 -12.41	42.76 1.33 -9.41	51.48 -0.61 -67.02	47.97 -0.45 -59.48	57.95 -0.51 -70.08	48.21 0.33 -40.32	40.14 -0.15 -43.59	33.23 -0.18 -37.54	35.89 -0.37 -45.98
ASTORIA_GT3_4 24101	39.38 1.40 -0.69	36.10 1.27 -1.82	35.95 1.16 -1.32	32.15 0.95 -1.62	31.85 0.88 -3.00	38.68 0.79 -12.52	34.33 1.03 -1.25	32.03 0.52 -17.04	29.34 0.55 -15.01	27.95 0.99 -2.62	30.35 1.08 -3.12	33.60 1.07 -8.26	35.37 1.03 -10.48	37.50 0.86 -16.69	39.98 0.92 -16.43	44.16 1.19 -12.41	42.76 1.33 -9.41	51.48 -0.61 -67.02	47.97 -0.45 -59.48	57.95 -0.51 -70.08	48.21 0.33 -40.32	40.14 -0.15 -43.59	33.23 -0.18 -37.54	35.89 -0.37 -45.98
ASTORIA_GT4_1 24102	39.38 1.40 -0.69	36.10 1.27 -1.82	35.95 1.16 -1.32	32.15 0.95 -1.62	31.85 0.88 -3.00	38.68 0.79 -12.52	34.33 1.03 -1.25	32.03 0.52 -17.04	29.34 0.55 -15.01	27.95 0.99 -2.62	30.35 1.08 -3.12	33.60 1.07 -8.26	35.37 1.03 -10.48	37.50 0.86 -16.69	39.98 0.92 -16.43	44.16 1.19 -12.41	42.76 1.33 -9.41	51.48 -0.61 -67.02	47.97 -0.45 -59.48	57.95 -0.51 -70.08	48.21 0.33 -40.32	40.14 -0.15 -43.59	33.23 -0.18 -37.54	35.89 -0.37 -45.98
ASTORIA_GT4_2 24103	39.38 1.40 -0.69	36.10 1.27 -1.82	35.95 1.16 -1.32	32.15 0.95 -1.62	31.85 0.88 -3.00	38.68 0.79 -12.52	34.33 1.03 -1.25	32.03 0.52 -17.04	29.34 0.55 -15.01	27.95 0.99 -2.62	30.35 1.08 -3.12	33.60 1.07 -8.26	35.37 1.03 -10.48	37.50 0.86 -16.69	39.98 0.92 -16.43	44.16 1.19 -12.41	42.76 1.33 -9.41	51.48 -0.61 -67.02	47.97 -0.45 -59.48	57.95 -0.51 -70.08	48.21 0.33 -40.32	40.14 -0.15 -43.59	33.23 -0.18 -37.54	35.89 -0.37 -45.98
ASTORIA_GT4_3 24104	39.38 1.40 -0.69	36.10 1.27 -1.82	35.95 1.16 -1.32	32.15 0.95 -1.62	31.85 0.88 -3.00	38.68 0.79 -12.52	34.33 1.03 -1.25	32.03 0.52 -17.04	29.34 0.55 -15.01	27.95 0.99 -2.62	30.35 1.08 -3.12	33.60 1.07 -8.26	35.37 1.03 -10.48	37.50 0.86 -16.69	39.98 0.92 -16.43	44.16 1.19 -12.41	42.76 1.33 -9.41	51.48 -0.61 -67.02	47.97 -0.45 -59.48	57.95 -0.51 -70.08	48.21 0.33 -40.32	40.14 -0.15 -43.59	33.23 -0.18 -37.54	35.89 -0.37 -45.98
ASTORIA_GT4_4 24105	39.38 1.40 -0.69	36.10 1.27 -1.82	35.95 1.16 -1.32	32.15 0.95 -1.62	31.85 0.88 -3.00	38.68 0.79 -12.52	34.33 1.03 -1.25	32.03 0.52 -17.04	29.34 0.55 -15.01	27.95 0.99 -2.62	30.35 1.08 -3.12	33.60 1.07 -8.26	35.37 1.03 -10.48	37.50 0.86 -16.69	39.98 0.92 -16.43	44.16 1.19 -12.41	42.76 1.33 -9.41	51.48 -0.61 -67.02	47.97 -0.45 -59.48	57.95 -0.51 -70.08	48.21 0.33 -40.32	40.14 -0.15 -43.59	33.23 -0.18 -37.54	35.89 -0.37 -45.98
ASTORIA_GT_1 23523	39.44 1.45 -0.69	36.16 1.33 -1.82	36.01 1.22 -1.32	32.20 1.00 -1.62	31.88 0.93 -2.99	38.72 0.83 -12.51	34.39 1.09 -1.24	32.05 0.55 -17.04	29.36 0.58 -15.01	27.99 1.02 -2.62	30.40 1.13 -3.12	33.66 1.12 -8.26	35.41 1.08 -10.47	37.53 0.89 -16.69	40.02 0.96 -16.43	44.21 1.25 -12.40	42.82 1.40 -9.41	51.44 -0.64 -67.01	47.93 -0.48 -59.48	57.92 -0.54 -70.08	48.23 0.35 -40.32	40.13 -0.15 -43.59	33.23 -0.19 -37.54	35.87 -0.39 -45.98

ASTORIA_GT_10 24110	39.55 1.57 -0.69	36.22 1.40 -1.82	36.17 1.38 -1.32	32.33 1.13 -1.62	32.03 1.07 -3.00	38.83 0.94 -12.52	34.54 1.24 -1.25	32.10 0.59 -17.04	29.39 0.60 -15.01	28.09 1.13 -2.62	30.52 1.25 -3.12	33.76 1.23 -8.26	35.54 1.20 -10.48	37.64 1.00 -16.69	40.14 1.08 -16.43	44.34 1.37 -12.41	42.94 1.51 -9.41	51.39 -0.70 -67.02	47.89 -0.53 -59.48	57.87 -0.59 -70.08	48.26 0.37 -40.32	40.12 -0.17 -43.59	33.21 -0.20 -37.54	35.83 -0.43 -45.98
ASTORIA_GT_11 24225	39.55 1.57 -0.69	36.22 1.40 -1.82	36.17 1.38 -1.32	32.33 1.13 -1.62	32.03 1.07 -3.00	38.83 0.94 -12.52	34.54 1.24 -1.25	32.10 0.59 -17.04	29.39 0.60 -15.01	28.09 1.13 -2.62	30.52 1.25 -3.12	33.76 1.23 -8.26	35.54 1.20 -10.48	37.64 1.00 -16.69	40.14 1.08 -16.43	44.34 1.37 -12.41	42.94 1.51 -9.41	51.39 -0.70 -67.02	47.89 -0.53 -59.48	57.87 -0.59 -70.08	48.26 0.37 -40.32	40.12 -0.17 -43.59	33.21 -0.20 -37.54	35.83 -0.43 -45.98
ASTORIA_GT_12 24226	39.55 1.57 -0.69	36.22 1.40 -1.82	36.17 1.38 -1.32	32.33 1.13 -1.62	32.03 1.07 -3.00	38.83 0.94 -12.52	34.54 1.24 -1.25	32.10 0.59 -17.04	29.39 0.60 -15.01	28.09 1.13 -2.62	30.52 1.25 -3.12	33.76 1.23 -8.26	35.54 1.20 -10.48	37.64 1.00 -16.69	40.14 1.08 -16.43	44.34 1.37 -12.41	42.94 1.51 -9.41	51.39 -0.70 -67.02	47.89 -0.53 -59.48	57.87 -0.59 -70.08	48.26 0.37 -40.32	40.12 -0.17 -43.59	33.21 -0.20 -37.54	35.83 -0.43 -45.98
ASTORIA_GT_13 24227	39.55 1.57 -0.69	36.22 1.40 -1.82	36.17 1.38 -1.32	32.33 1.13 -1.62	32.03 1.07 -3.00	38.83 0.94 -12.52	34.54 1.24 -1.25	32.10 0.59 -17.04	29.39 0.60 -15.01	28.09 1.13 -2.62	30.52 1.25 -3.12	33.76 1.23 -8.26	35.54 1.20 -10.48	37.64 1.00 -16.69	40.14 1.08 -16.43	44.34 1.37 -12.41	42.94 1.51 -9.41	51.39 -0.70 -67.02	47.89 -0.53 -59.48	57.87 -0.59 -70.08	48.26 0.37 -40.32	40.12 -0.17 -43.59	33.21 -0.20 -37.54	35.83 -0.43 -45.98
ASTORIA_GT_5 24106	39.44 1.45 -0.69	36.16 1.33 -1.82	36.01 1.22 -1.32	32.20 1.00 -1.62	31.88 0.93 -2.99	38.72 0.83 -12.51	34.39 1.09 -1.24	32.05 0.55 -17.04	29.36 0.58 -15.01	27.99 1.02 -2.62	30.40 1.13 -3.12	33.66 1.12 -8.26	35.41 1.08 -10.47	37.53 0.89 -16.69	40.02 0.96 -16.43	44.21 1.25 -12.40	42.82 1.40 -9.41	51.44 -0.64 -67.01	47.93 -0.48 -59.48	57.92 -0.54 -70.08	48.23 0.35 -40.32	40.13 -0.15 -43.59	33.23 -0.19 -37.54	35.87 -0.39 -45.98
ASTORIA_GT_7 24107	39.44 1.45 -0.69	36.16 1.33 -1.82	36.01 1.22 -1.32	32.20 1.00 -1.62	31.88 0.93 -2.99	38.72 0.83 -12.51	34.39 1.09 -1.24	32.05 0.55 -17.04	29.36 0.58 -15.01	27.99 1.02 -2.62	30.40 1.13 -3.12	33.66 1.12 -8.26	35.41 1.08 -10.47	37.53 0.89 -16.69	40.02 0.96 -16.43	44.21 1.25 -12.40	42.82 1.40 -9.41	51.44 -0.64 -67.01	47.93 -0.48 -59.48	57.92 -0.54 -70.08	48.23 0.35 -40.32	40.13 -0.15 -43.59	33.23 -0.19 -37.54	35.87 -0.39 -45.98
ASTORIA_GT_8 24108	39.45 1.47 -0.69	36.17 1.34 -1.82	36.01 1.22 -1.32	32.20 1.00 -1.62	31.89 0.93 -3.00	38.72 0.83 -12.52	34.40 1.09 -1.25	32.05 0.55 -17.04	29.36 0.58 -15.01	28.00 1.03 -2.62	30.40 1.13 -3.12	33.65 1.12 -8.26	35.42 1.08 -10.48	37.54 0.90 -16.69	40.03 0.97 -16.43	44.22 1.25 -12.41	42.83 1.40 -9.41	51.45 -0.64 -67.02	47.94 -0.48 -59.48	57.92 -0.54 -70.08	48.22 0.34 -40.32	40.13 -0.15 -43.59	33.23 -0.19 -37.54	35.87 -0.39 -45.98
ASTORIA___2 24149	39.37 1.38 -0.69	36.10 1.27 -1.82	35.95 1.16 -1.32	32.15 0.95 -1.62	31.84 0.88 -2.99	38.67 0.79 -12.51	34.33 1.03 -1.24	32.03 0.53 -17.04	29.33 0.55 -15.01	27.94 0.98 -2.62	30.35 1.08 -3.12	33.60 1.07 -8.26	35.36 1.03 -10.47	37.49 0.85 -16.69	39.97 0.92 -16.43	44.15 1.19 -12.40	42.75 1.33 -9.41	51.47 -0.61 -67.01	47.96 -0.45 -59.48	57.95 -0.51 -70.08	48.21 0.33 -40.32	40.14 -0.14 -43.59	33.23 -0.18 -37.54	35.89 -0.37 -45.98
ASTORIA___3 23516	39.55 1.57 -0.69	36.23 1.40 -1.82	36.17 1.38 -1.32	32.33 1.13 -1.62	32.03 1.07 -3.00	38.84 0.95 -12.52	34.55 1.24 -1.25	32.10 0.59 -17.04	29.39 0.61 -15.01	28.08 1.12 -2.62	30.52 1.25 -3.12	33.77 1.23 -8.26	35.54 1.20 -10.48	37.64 1.00 -16.69	40.14 1.07 -16.43	44.33 1.37 -12.41	42.94 1.51 -9.41	51.39 -0.70 -67.02	47.89 -0.53 -59.48	57.87 -0.59 -70.08	48.26 0.37 -40.32	40.12 -0.17 -43.59	33.21 -0.20 -37.54	35.83 -0.43 -45.98
ASTORIA___4 23517	39.55 1.57 -0.69	36.22 1.40 -1.82	36.17 1.38 -1.32	32.33 1.13 -1.62	32.03 1.07 -3.00	38.83 0.94 -12.52	34.54 1.24 -1.25	32.10 0.59 -17.04	29.39 0.60 -15.01	28.09 1.13 -2.62	30.52 1.25 -3.12	33.76 1.23 -8.26	35.54 1.20 -10.48	37.64 1.00 -16.69	40.14 1.08 -16.43	44.34 1.37 -12.41	42.94 1.51 -9.41	51.39 -0.70 -67.02	47.89 -0.53 -59.48	57.87 -0.59 -70.08	48.26 0.37 -40.32	40.12 -0.17 -43.59	33.21 -0.20 -37.54	35.83 -0.43 -45.98
ASTORIA___5 23518	39.55 1.57 -0.69	36.23 1.40 -1.82	36.17 1.38 -1.32	32.33 1.13 -1.62	32.03 1.07 -3.00	38.84 0.95 -12.52	34.55 1.24 -1.25	32.10 0.59 -17.04	29.39 0.61 -15.01	28.08 1.12 -2.62	30.52 1.25 -3.12	33.77 1.23 -8.26	35.54 1.20 -10.48	37.64 1.00 -16.69	40.14 1.07 -16.43	44.33 1.37 -12.41	42.94 1.51 -9.41	51.39 -0.70 -67.02	47.89 -0.53 -59.48	57.87 -0.59 -70.08	48.26 0.37 -40.32	40.12 -0.17 -43.59	33.21 -0.20 -37.54	35.83 -0.43 -45.98
AST_ENERGY_2_CC3 323677	39.47 1.48 -0.69	36.13 1.30 -1.82	36.10 1.31 -1.32	32.26 1.06 -1.62	31.97 1.01 -3.00	38.76 0.87 -12.52	34.45 1.15 -1.25	32.08 0.58 -17.03	29.37 0.58 -15.00	28.05 1.09 -2.62	30.46 1.19 -3.12	33.71 1.18 -8.26	35.49 1.15 -10.48	37.60 0.95 -16.69	40.08 1.02 -16.43	44.23 1.26 -12.41	42.83 1.40 -9.41	51.43 -0.66 -67.01	47.92 -0.50 -59.48	57.91 -0.55 -70.07	48.24 0.35 -40.32	40.12 -0.16 -43.59	33.22 -0.20 -37.54	35.85 -0.41 -45.98
AST_ENERGY_2_CC4 323678	39.47 1.48 -0.69	36.13 1.30 -1.82	36.10 1.31 -1.32	32.26 1.06 -1.62	31.97 1.01 -3.00	38.76 0.87 -12.52	34.45 1.15 -1.25	32.08 0.58 -17.03	29.37 0.58 -15.00	28.05 1.09 -2.62	30.46 1.19 -3.12	33.71 1.18 -8.26	35.49 1.15 -10.48	37.60 0.95 -16.69	40.08 1.02 -16.43	44.23 1.26 -12.41	42.83 1.40 -9.41	51.43 -0.66 -67.01	47.92 -0.50 -59.48	57.91 -0.55 -70.07	48.24 0.35 -40.32	40.12 -0.16 -43.59	33.22 -0.20 -37.54	35.85 -0.41 -45.98
ATHENS_STG_1 23668	39.07 1.01 -0.76	35.91 0.89 -2.01	35.83 0.90 -1.46	32.17 0.81 -1.79	32.02 0.74 -3.32	39.88 0.68 -13.82	34.27 0.84 -1.38	33.66 0.38 -18.82	30.73 0.38 -16.57	27.94 0.70 -2.89	30.37 0.77 -3.44	34.13 0.73 -9.13	36.15 0.71 -11.57	38.97 0.58 -18.43	41.42 0.64 -18.15	45.08 0.81 -13.71	43.24 0.82 -10.40	58.72 -0.38 -74.02	54.35 -0.29 -65.70	65.48 -0.31 -77.41	52.30 0.20 -44.53	44.75 -0.09 -48.15	37.23 -0.12 -41.47	40.81 -0.26 -50.79
ATHENS_STG_2 23670	39.07 1.01 -0.76	35.91 0.89 -2.01	35.83 0.90 -1.46	32.17 0.81 -1.79	32.02 0.74 -3.32	39.88 0.68 -13.82	34.27 0.84 -1.38	33.66 0.38 -18.82	30.73 0.38 -16.57	27.94 0.70 -2.89	30.37 0.77 -3.44	34.13 0.73 -9.13	36.15 0.71 -11.57	38.97 0.58 -18.43	41.42 0.64 -18.15	45.08 0.81 -13.71	43.24 0.82 -10.40	58.72 -0.38 -74.02	54.35 -0.29 -65.70	65.48 -0.31 -77.41	52.30 0.20 -44.53	44.75 -0.09 -48.15	37.23 -0.12 -41.47	40.81 -0.26 -50.79

ATHENS_STG_3 23677	39.07 1.01 -0.76	35.91 0.89 -2.01	35.83 0.90 -1.46	32.17 0.81 -1.79	32.02 0.74 -3.32	39.88 0.68 -13.82	34.27 0.84 -1.38	33.66 0.38 -18.82	30.73 0.38 -16.57	27.94 0.70 -2.89	30.37 0.77 -3.44	34.13 0.73 -9.13	36.15 0.71 -11.57	38.97 0.58 -18.43	41.42 0.64 -18.15	45.08 0.81 -13.71	43.24 0.82 -10.40	58.72 -0.38 -74.02	54.35 -0.29 -65.70	65.48 -0.31 -77.41	52.30 0.20 -44.53	44.75 -0.09 -48.15	37.23 -0.12 -41.47	40.81 -0.26 -50.79
AUBURN____LFGE 323710	37.61 0.15 -0.16	33.69 0.25 -0.42	33.99 0.21 -0.31	30.09 0.13 -0.37	28.85 0.20 -0.69	28.43 0.16 -2.90	32.62 0.27 -0.29	18.47 0.06 -3.94	17.33 0.08 -3.47	25.10 0.15 -0.61	26.95 0.08 -0.72	26.27 0.08 -1.91	26.33 0.04 -2.42	23.79 -0.02 -3.86	26.45 0.02 -3.80	33.67 0.24 -2.87	34.54 0.35 -2.18	0.39 -0.19 -15.51	2.55 -0.15 -13.76	4.41 -0.19 -16.21	17.06 0.16 -9.33	6.74 -0.04 -10.08	4.52 -0.04 -8.69	0.78 -0.15 -10.64
BABYLON_RES_REC 323704	70.41 2.91 -30.21	52.16 2.50 -16.64	52.20 2.50 -16.22	33.30 2.10 -1.62	32.86 1.90 -3.00	63.19 1.81 -36.01	52.97 2.36 -18.54	69.82 1.09 -54.27	38.27 1.07 -23.42	34.66 1.94 -8.38	34.44 2.13 -6.16	39.63 2.00 -13.35	38.89 1.91 -13.12	38.38 1.56 -16.86	41.61 1.77 -17.21	45.26 2.29 -12.41	62.11 2.58 -27.51	50.91 -1.19 -67.03	47.51 -0.93 -59.50	57.49 -0.98 -70.09	48.53 0.64 -40.33	40.03 -0.26 -43.60	33.09 -0.33 -37.55	35.58 -0.69 -45.99
BABYLON__69_KV_BK2 356345	71.31 3.36 -30.66	52.86 2.96 -16.88	52.93 2.99 -16.47	33.60 2.40 -1.62	33.21 2.25 -3.00	64.06 2.20 -36.48	53.58 2.77 -18.75	70.62 1.28 -54.87	38.48 1.23 -23.47	34.94 2.21 -8.38	34.71 2.42 -6.14	39.93 2.31 -13.35	39.13 2.20 -13.06	38.62 1.81 -16.85	41.90 2.04 -17.23	45.66 2.69 -12.41	62.81 2.99 -27.81	50.72 -1.39 -67.03	47.36 -1.07 -59.50	57.34 -1.14 -70.09	48.63 0.73 -40.33	39.99 -0.31 -43.60	33.04 -0.38 -37.55	35.46 -0.81 -45.99
BALL_HILL_WT_PWR 323825	36.66 -0.82 -0.19	32.81 -0.71 -0.50	33.11 -0.72 -0.36	29.27 -0.76 -0.45	28.13 -0.65 -0.83	28.18 -0.65 -3.46	31.62 -0.78 -0.34	18.61 -0.56 -4.70	17.37 -0.55 -4.14	24.15 -0.92 -0.72	26.01 -1.01 -0.86	25.62 -0.93 -2.28	25.70 -1.05 -2.89	23.75 -0.81 -4.61	26.19 -0.97 -4.54	32.62 -1.32 -3.38	33.27 -1.31 -2.56	4.06 0.49 -18.50	5.61 0.26 -16.42	7.98 0.25 -19.34	18.57 -0.13 -11.13	8.79 0.07 -12.03	6.32 0.08 -10.36	3.00 0.03 -12.69
BARON_WINDS____WT_PWR 323822	36.62 -0.90 -0.23	32.87 -0.75 -0.60	33.03 -0.88 -0.44	29.30 -0.82 -0.54	28.24 -0.71 -0.99	28.88 -0.63 -4.15	31.70 -0.78 -0.41	19.63 -0.48 -5.64	18.26 -0.49 -4.97	24.42 -0.79 -0.87	26.27 -0.92 -1.03	26.15 -0.86 -2.74	26.35 -0.99 -3.47	24.65 -0.84 -5.53	27.04 -1.04 -5.44	33.29 -1.36 -4.09	33.66 -1.45 -3.10	7.94 0.67 -22.20	9.04 0.40 -19.70	12.00 0.41 -23.21	20.66 -0.26 -13.35	11.25 0.11 -14.44	8.44 0.13 -12.44	5.71 0.20 -15.23
BARRETT_IC_1 23704	71.72 2.40 -32.03	52.77 2.11 -17.65	52.83 2.10 -17.26	33.07 1.81 -1.68	32.60 1.57 -3.08	65.14 1.52 -38.25	71.01 1.91 -37.04	72.20 0.91 -56.83	58.76 0.88 -44.10	54.72 1.61 -28.77	55.88 1.82 -27.90	64.92 1.74 -38.91	65.00 1.58 -39.55	39.61 1.31 -18.35	41.76 1.47 -17.66	44.84 1.87 -12.41	62.80 2.04 -28.75	51.16 -0.94 -67.03	47.69 -0.74 -59.49	57.69 -0.78 -70.09	48.39 0.50 -40.32	40.08 -0.22 -43.60	33.15 -0.28 -37.55	35.69 -0.58 -45.99
BARRETT_IC_10 23701	71.72 2.40 -32.03	52.77 2.11 -17.65	52.83 2.10 -17.26	33.07 1.81 -1.68	32.60 1.57 -3.08	65.14 1.52 -38.25	71.01 1.91 -37.04	72.20 0.91 -56.83	58.76 0.88 -44.10	54.72 1.61 -28.77	55.88 1.82 -27.90	64.92 1.74 -38.91	65.00 1.58 -39.55	39.61 1.31 -18.35	41.76 1.47 -17.66	44.84 1.87 -12.41	62.80 2.04 -28.75	51.16 -0.94 -67.03	47.69 -0.74 -59.49	57.69 -0.78 -70.09	48.39 0.50 -40.32	40.08 -0.22 -43.60	33.15 -0.28 -37.55	35.69 -0.58 -45.99
BARRETT_IC_11 23702	71.72 2.40 -32.03	52.77 2.11 -17.65	52.83 2.10 -17.26	33.07 1.81 -1.68	32.60 1.57 -3.08	65.14 1.52 -38.25	71.01 1.91 -37.04	72.20 0.91 -56.83	58.76 0.88 -44.10	54.72 1.61 -28.77	55.88 1.82 -27.90	64.92 1.74 -38.91	65.00 1.58 -39.55	39.61 1.31 -18.35	41.76 1.47 -17.66	44.84 1.87 -12.41	62.80 2.04 -28.75	51.16 -0.94 -67.03	47.69 -0.74 -59.49	57.69 -0.78 -70.09	48.39 0.50 -40.32	40.08 -0.22 -43.60	33.15 -0.28 -37.55	35.69 -0.58 -45.99
BARRETT_IC_12 23703	71.72 2.40 -32.03	52.77 2.11 -17.65	52.83 2.10 -17.26	33.07 1.81 -1.68	32.60 1.57 -3.08	65.14 1.52 -38.25	71.01 1.91 -37.04	72.20 0.91 -56.83	58.76 0.88 -44.10	54.72 1.61 -28.77	55.88 1.82 -27.90	64.92 1.74 -38.91	65.00 1.58 -39.55	39.61 1.31 -18.35	41.76 1.47 -17.66	44.84 1.87 -12.41	62.80 2.04 -28.75	51.16 -0.94 -67.03	47.69 -0.74 -59.49	57.69 -0.78 -70.09	48.39 0.50 -40.32	40.08 -0.22 -43.60	33.15 -0.28 -37.55	35.69 -0.58 -45.99
BARRETT_IC_2 23705	71.72 2.40 -32.03	52.77 2.11 -17.65	52.83 2.10 -17.26	33.07 1.81 -1.68	32.60 1.57 -3.08	65.14 1.52 -38.25	71.01 1.91 -37.04	72.20 0.91 -56.83	58.76 0.88 -44.10	54.72 1.61 -28.77	55.88 1.82 -27.90	64.92 1.74 -38.91	65.00 1.58 -39.55	39.61 1.31 -18.35	41.76 1.47 -17.66	44.84 1.87 -12.41	62.80 2.04 -28.75	51.16 -0.94 -67.03	47.69 -0.74 -59.49	57.69 -0.78 -70.09	48.39 0.50 -40.32	40.08 -0.22 -43.60	33.15 -0.28 -37.55	35.69 -0.58 -45.99
BARRETT_IC_3 23706	71.72 2.40 -32.03	52.77 2.11 -17.65	52.83 2.10 -17.26	33.07 1.81 -1.68	32.60 1.57 -3.08	65.14 1.52 -38.25	71.01 1.91 -37.04	72.20 0.91 -56.83	58.76 0.88 -44.10	54.72 1.61 -28.77	55.88 1.82 -27.90	64.92 1.74 -38.91	65.00 1.58 -39.55	39.61 1.31 -18.35	41.76 1.47 -17.66	44.84 1.87 -12.41	62.80 2.04 -28.75	51.16 -0.94 -67.03	47.69 -0.74 -59.49	57.69 -0.78 -70.09	48.39 0.50 -40.32	40.08 -0.22 -43.60	33.15 -0.28 -37.55	35.69 -0.58 -45.99
BARRETT_IC_4 23707	71.72 2.40 -32.03	52.77 2.11 -17.65	52.83 2.10 -17.26	33.07 1.81 -1.68	32.60 1.57 -3.08	65.14 1.52 -38.25	71.01 1.91 -37.04	72.20 0.91 -56.83	58.76 0.88 -44.10	54.72 1.61 -28.77	55.88 1.82 -27.90	64.92 1.74 -38.91	65.00 1.58 -39.55	39.61 1.31 -18.35	41.76 1.47 -17.66	44.84 1.87 -12.41	62.80 2.04 -28.75	51.16 -0.94 -67.03	47.69 -0.74 -59.49	57.69 -0.78 -70.09	48.39 0.50 -40.32	40.08 -0.22 -43.60	33.15 -0.28 -37.55	35.69 -0.58 -45.99
BARRETT_IC_5 23708	71.72 2.40 -32.03	52.77 2.11 -17.65	52.83 2.10 -17.26	33.07 1.81 -1.68	32.60 1.57 -3.08	65.14 1.52 -38.25	71.01 1.91 -37.04	72.20 0.91 -56.83	58.76 0.88 -44.10	54.72 1.61 -28.77	55.88 1.82 -27.90	64.92 1.74 -38.91	65.00 1.58 -39.55	39.61 1.31 -18.35	41.76 1.47 -17.66	44.84 1.87 -12.41	62.80 2.04 -28.75	51.16 -0.94 -67.03	47.69 -0.74 -59.49	57.69 -0.78 -70.09	48.39 0.50 -40.32	40.08 -0.22 -43.60	33.15 -0.28 -37.55	35.69 -0.58 -45.99
BARRETT_IC_6 23709	71.72 2.40 -32.03	52.77 2.11 -17.65	52.83 2.10 -17.26	33.07 1.81 -1.68	32.60 1.57 -3.08	65.14 1.52 -38.25	71.01 1.91 -37.04	72.20 0.91 -56.83	58.76 0.88 -44.10	54.72 1.61 -28.77	55.88 1.82 -27.90	64.92 1.74 -38.91	65.00 1.58 -39.55	39.61 1.31 -18.35	41.76 1.47 -17.66	44.84 1.87 -12.41	62.80 2.04 -28.75	51.16 -0.94 -67.03	47.69 -0.74 -59.49	57.69 -0.78 -70.09	48.39 0.50 -40.32	40.08 -0.22 -43.60	33.15 -0.28 -37.55	35.69 -0.58 -45.99

BARRETT_IC_7 23710	71.75 2.42 -32.03	52.86 2.19 -17.65	52.98 2.24 -17.26	32.97 1.71 -1.68	32.66 1.62 -3.08	65.26 1.64 -38.25	71.13 2.03 -37.04	72.23 0.93 -56.83	58.78 0.91 -44.10	54.77 1.65 -28.77	55.88 1.82 -27.90	64.92 1.73 -38.91	65.01 1.59 -39.55	39.61 1.30 -18.35	41.76 1.47 -17.66	44.83 1.86 -12.41	62.82 2.06 -28.75	51.16 -0.93 -67.03	47.69 -0.75 -59.49	57.69 -0.78 -70.09	48.38 0.49 -40.32	40.08 -0.22 -43.60	33.15 -0.28 -37.55	35.69 -0.58 -45.99
BARRETT_IC_8 23711	71.72 2.40 -32.03	52.77 2.11 -17.65	52.83 2.10 -17.26	33.07 1.81 -1.68	32.60 1.57 -3.08	65.14 1.52 -38.25	71.01 1.91 -37.04	72.20 0.91 -56.83	58.76 0.88 -44.10	54.72 1.61 -28.77	55.88 1.82 -27.90	64.92 1.74 -38.91	65.00 1.58 -39.55	39.61 1.31 -18.35	41.76 1.47 -17.66	44.84 1.87 -12.41	62.80 2.04 -28.75	51.16 -0.94 -67.03	47.69 -0.74 -59.49	57.69 -0.78 -70.09	48.39 0.50 -40.32	40.08 -0.22 -43.60	33.15 -0.28 -37.55	35.69 -0.58 -45.99
BARRETT_IC_9 23700	71.72 2.40 -32.03	52.77 2.11 -17.65	52.83 2.10 -17.26	33.07 1.81 -1.68	32.60 1.57 -3.08	65.14 1.52 -38.25	71.01 1.91 -37.04	72.20 0.91 -56.83	58.76 0.88 -44.10	54.72 1.61 -28.77	55.88 1.82 -27.90	64.92 1.74 -38.91	65.00 1.58 -39.55	39.61 1.31 -18.35	41.76 1.47 -17.66	44.84 1.87 -12.41	62.80 2.04 -28.75	51.16 -0.94 -67.03	47.69 -0.74 -59.49	57.69 -0.78 -70.09	48.39 0.50 -40.32	40.08 -0.22 -43.60	33.15 -0.28 -37.55	35.69 -0.58 -45.99
BARRETT___1 23545	71.72 2.40 -32.03	52.77 2.11 -17.65	52.83 2.10 -17.26	33.07 1.81 -1.68	32.60 1.57 -3.08	65.14 1.52 -38.25	71.01 1.91 -37.04	72.20 0.91 -56.83	58.76 0.88 -44.10	54.72 1.61 -28.77	55.88 1.82 -27.90	64.92 1.74 -38.91	65.00 1.58 -39.55	39.61 1.31 -18.35	41.76 1.47 -17.66	44.84 1.87 -12.41	62.80 2.04 -28.75	51.16 -0.94 -67.03	47.69 -0.74 -59.49	57.69 -0.78 -70.09	48.39 0.50 -40.32	40.08 -0.22 -43.60	33.15 -0.28 -37.55	35.69 -0.58 -45.99
BARRETT___2 23546	71.72 2.40 -32.03	52.77 2.11 -17.65	52.83 2.10 -17.26	33.07 1.81 -1.68	32.60 1.57 -3.08	65.14 1.52 -38.25	71.01 1.91 -37.04	72.20 0.91 -56.83	58.76 0.88 -44.10	54.72 1.61 -28.77	55.88 1.82 -27.90	64.92 1.74 -38.91	65.00 1.58 -39.55	39.61 1.31 -18.35	41.76 1.47 -17.66	44.84 1.87 -12.41	62.80 2.04 -28.75	51.16 -0.94 -67.03	47.69 -0.74 -59.49	57.69 -0.78 -70.09	48.39 0.50 -40.32	40.08 -0.22 -43.60	33.15 -0.28 -37.55	35.69 -0.58 -45.99
BATAVIA___115KV_TB1 55881	37.54 0.07 -0.17	33.50 0.03 -0.45	33.93 0.12 -0.33	29.99 0.00 -0.40	28.75 0.05 -0.75	28.46 -0.04 -3.13	32.40 0.03 -0.31	18.51 -0.20 -4.26	17.34 -0.18 -3.75	24.62 -0.38 -0.65	26.35 -0.59 -0.78	25.91 -0.43 -2.06	25.97 -0.51 -2.62	23.73 -0.39 -4.17	26.23 -0.50 -4.10	33.15 -0.48 -3.07	34.11 -0.23 -2.32	1.75 -0.06 -16.74	3.59 -0.20 -14.85	5.68 -0.21 -17.50	17.81 0.18 -10.07	7.53 -0.05 -10.88	5.20 -0.06 -9.37	1.58 -0.19 -11.48
BAYONEEC___CTG1 323682	39.50 1.52 -0.69	36.16 1.33 -1.82	36.12 1.33 -1.32	32.27 1.07 -1.62	31.98 1.02 -3.00	38.78 0.90 -12.52	34.48 1.18 -1.25	32.08 0.58 -17.03	29.37 0.59 -15.00	28.06 1.09 -2.62	30.48 1.21 -3.12	33.74 1.20 -8.26	35.51 1.17 -10.48	37.62 0.98 -16.69	40.11 1.05 -16.43	44.27 1.30 -12.41	42.87 1.44 -9.41	51.41 -0.68 -67.01	47.91 -0.51 -59.48	57.90 -0.56 -70.07	48.25 0.36 -40.32	40.12 -0.16 -43.59	33.21 -0.20 -37.54	35.84 -0.42 -45.98
BAYONEEC___CTG10 323750	39.50 1.52 -0.69	36.16 1.33 -1.82	36.12 1.33 -1.32	32.27 1.07 -1.62	31.98 1.02 -3.00	38.78 0.90 -12.52	34.48 1.18 -1.25	32.08 0.58 -17.03	29.37 0.59 -15.00	28.06 1.09 -2.62	30.48 1.21 -3.12	33.74 1.20 -8.26	35.51 1.17 -10.48	37.62 0.98 -16.69	40.11 1.05 -16.43	44.27 1.30 -12.41	42.87 1.44 -9.41	51.41 -0.68 -67.01	47.91 -0.51 -59.48	57.90 -0.56 -70.07	48.25 0.36 -40.32	40.12 -0.16 -43.59	33.21 -0.20 -37.54	35.84 -0.42 -45.98
BAYONEEC___CTG2 323683	39.50 1.52 -0.69	36.16 1.33 -1.82	36.12 1.33 -1.32	32.27 1.07 -1.62	31.98 1.02 -3.00	38.78 0.90 -12.52	34.48 1.18 -1.25	32.08 0.58 -17.03	29.37 0.59 -15.00	28.06 1.09 -2.62	30.48 1.21 -3.12	33.74 1.20 -8.26	35.51 1.17 -10.48	37.62 0.98 -16.69	40.11 1.05 -16.43	44.27 1.30 -12.41	42.87 1.44 -9.41	51.41 -0.68 -67.01	47.91 -0.51 -59.48	57.90 -0.56 -70.07	48.25 0.36 -40.32	40.12 -0.16 -43.59	33.21 -0.20 -37.54	35.84 -0.42 -45.98
BAYONEEC___CTG3 323684	39.50 1.52 -0.69	36.16 1.33 -1.82	36.12 1.33 -1.32	32.27 1.07 -1.62	31.98 1.02 -3.00	38.78 0.90 -12.52	34.48 1.18 -1.25	32.08 0.58 -17.03	29.37 0.59 -15.00	28.06 1.09 -2.62	30.48 1.21 -3.12	33.74 1.20 -8.26	35.51 1.17 -10.48	37.62 0.98 -16.69	40.11 1.05 -16.43	44.27 1.30 -12.41	42.87 1.44 -9.41	51.41 -0.68 -67.01	47.91 -0.51 -59.48	57.90 -0.56 -70.07	48.25 0.36 -40.32	40.12 -0.16 -43.59	33.21 -0.20 -37.54	35.84 -0.42 -45.98
BAYONEEC___CTG4 323685	39.50 1.52 -0.69	36.16 1.33 -1.82	36.12 1.33 -1.32	32.27 1.07 -1.62	31.98 1.02 -3.00	38.78 0.90 -12.52	34.48 1.18 -1.25	32.08 0.58 -17.03	29.37 0.59 -15.00	28.06 1.09 -2.62	30.48 1.21 -3.12	33.74 1.20 -8.26	35.51 1.17 -10.48	37.62 0.98 -16.69	40.11 1.05 -16.43	44.27 1.30 -12.41	42.87 1.44 -9.41	51.41 -0.68 -67.01	47.91 -0.51 -59.48	57.90 -0.56 -70.07	48.25 0.36 -40.32	40.12 -0.16 -43.59	33.21 -0.20 -37.54	35.84 -0.42 -45.98
BAYONEEC___CTG5 323686	39.50 1.52 -0.69	36.16 1.33 -1.82	36.12 1.33 -1.32	32.27 1.07 -1.62	31.98 1.02 -3.00	38.78 0.90 -12.52	34.48 1.18 -1.25	32.08 0.58 -17.03	29.37 0.59 -15.00	28.06 1.09 -2.62	30.48 1.21 -3.12	33.74 1.20 -8.26	35.51 1.17 -10.48	37.62 0.98 -16.69	40.11 1.05 -16.43	44.27 1.30 -12.41	42.87 1.44 -9.41	51.41 -0.68 -67.01	47.91 -0.51 -59.48	57.90 -0.56 -70.07	48.25 0.36 -40.32	40.12 -0.16 -43.59	33.21 -0.20 -37.54	35.84 -0.42 -45.98
BAYONEEC___CTG6 323687	39.50 1.52 -0.69	36.16 1.33 -1.82	36.12 1.33 -1.32	32.27 1.07 -1.62	31.98 1.02 -3.00	38.78 0.90 -12.52	34.48 1.18 -1.25	32.08 0.58 -17.03	29.37 0.59 -15.00	28.06 1.09 -2.62	30.48 1.21 -3.12	33.74 1.20 -8.26	35.51 1.17 -10.48	37.62 0.98 -16.69	40.11 1.05 -16.43	44.27 1.30 -12.41	42.87 1.44 -9.41	51.41 -0.68 -67.01	47.91 -0.51 -59.48	57.90 -0.56 -70.07	48.25 0.36 -40.32	40.12 -0.16 -43.59	33.21 -0.20 -37.54	35.84 -0.42 -45.98
BAYONEEC___CTG7 323688	39.50 1.52 -0.69	36.16 1.33 -1.82	36.12 1.33 -1.32	32.27 1.07 -1.62	31.98 1.02 -3.00	38.78 0.90 -12.52	34.48 1.18 -1.25	32.08 0.58 -17.03	29.37 0.59 -15.00	28.06 1.09 -2.62	30.48 1.21 -3.12	33.74 1.20 -8.26	35.51 1.17 -10.48	37.62 0.98 -16.69	40.11 1.05 -16.43	44.27 1.30 -12.41	42.87 1.44 -9.41	51.41 -0.68 -67.01	47.91 -0.51 -59.48	57.90 -0.56 -70.07	48.25 0.36 -40.32	40.12 -0.16 -43.59	33.21 -0.20 -37.54	35.84 -0.42 -45.98
BAYONEEC___CTG8 323689	39.50 1.52 -0.69	36.16 1.33 -1.82	36.12 1.33 -1.32	32.27 1.07 -1.62	31.98 1.02 -3.00	38.78 0.90 -12.52	34.48 1.18 -1.25	32.08 0.58 -17.03	29.37 0.59 -15.00	28.06 1.09 -2.62	30.48 1.21 -3.12	33.74 1.20 -8.26	35.51 1.17 -10.48	37.62 0.98 -16.69	40.11 1.05 -16.43	44.27 1.30 -12.41	42.87 1.44 -9.41	51.41 -0.68 -67.01	47.91 -0.51 -59.48	57.90 -0.56 -70.07	48.25 0.36 -40.32	40.12 -0.16 -43.59	33.21 -0.20 -37.54	35.84 -0.42 -45.98

BAYONEEC___CTG9 323749	39.50 1.52 -0.69	36.16 1.33 -1.82	36.12 1.33 -1.32	32.27 1.07 -1.62	31.98 1.02 -3.00	38.78 0.90 -12.52	34.48 1.18 -1.25	32.08 0.58 -17.03	29.37 0.59 -15.00	28.06 1.09 -2.62	30.48 1.21 -3.12	33.74 1.20 -8.26	35.51 1.17 -10.48	37.62 0.98 -16.69	40.11 1.05 -16.43	44.27 1.30 -12.41	42.87 1.44 -9.41	51.41 -0.68 -67.01	47.91 -0.51 -59.48	57.90 -0.56 -70.07	48.25 0.36 -40.32	40.12 -0.16 -43.59	33.21 -0.20 -37.54	35.84 -0.42 -45.98
BEACON___LESR 323632	39.35 1.23 -0.83	36.31 1.11 -2.19	36.10 1.04 -1.59	32.53 1.00 -1.95	32.51 0.93 -3.62	41.26 0.82 -15.07	34.65 1.09 -1.50	35.47 0.48 -20.52	32.30 0.44 -18.08	28.38 0.88 -3.15	30.85 0.94 -3.75	35.02 0.79 -9.96	37.30 0.82 -12.62	40.73 0.68 -20.10	43.23 0.81 -19.79	46.51 1.00 -14.95	44.39 1.03 -11.34	65.31 -0.48 -80.72	60.22 -0.36 -71.65	72.41 -0.38 -84.41	56.38 0.25 -48.56	49.10 -0.10 -52.50	40.97 -0.12 -45.22	45.39 -0.27 -55.38
BEAVER RIVER___HYD 24048	37.24 -0.12 -0.06	32.99 -0.19 -0.17	33.61 0.02 -0.12	29.82 0.09 -0.15	28.37 0.13 -0.28	26.67 0.14 -1.16	32.29 0.12 -0.12	16.08 0.04 -1.57	15.16 -0.01 -1.39	24.40 -0.19 -0.24	26.15 -0.29 -0.29	24.47 -0.57 -0.76	24.49 -0.34 -0.97	21.21 -0.29 -1.54	23.87 -0.27 -1.52	30.99 -0.72 -1.15	32.07 -0.81 -0.87	-8.19 0.54 -6.19	-4.97 0.59 -5.50	-4.48 0.66 -6.47	10.84 -0.45 -3.73	0.86 0.13 -4.03	-0.44 0.21 -3.47	-4.95 0.52 -4.25
BEEBEE_GT_13 23619	37.28 -0.18 -0.16	33.24 -0.19 -0.42	33.60 -0.18 -0.31	29.73 -0.23 -0.37	28.46 -0.19 -0.69	28.06 -0.21 -2.90	32.15 -0.20 -0.29	18.22 -0.19 -3.95	17.07 -0.19 -3.48	24.58 -0.38 -0.61	26.45 -0.43 -0.72	25.84 -0.35 -1.91	25.89 -0.40 -2.43	23.51 -0.30 -3.87	26.07 -0.36 -3.81	33.01 -0.42 -2.88	33.91 -0.29 -2.18	0.59 0.00 -15.52	2.60 -0.12 -13.78	4.48 -0.13 -16.23	17.00 0.09 -9.34	6.77 -0.03 -10.09	4.54 -0.03 -8.70	0.82 -0.11 -10.65
BENSHRST_27_KV_BENSHRST_1 355998	39.93 1.94 -0.69	36.53 1.70 -1.82	36.47 1.67 -1.32	32.57 1.37 -1.62	32.26 1.30 -3.00	39.04 1.15 -12.52	34.82 1.51 -1.25	32.23 0.73 -17.04	29.53 0.74 -15.01	28.33 1.37 -2.62	30.80 1.52 -3.12	34.03 1.50 -8.26	35.80 1.46 -10.48	37.87 1.22 -16.69	40.39 1.33 -16.43	44.67 1.70 -12.41	43.31 1.88 -9.41	51.21 -0.87 -67.02	47.75 -0.67 -59.48	57.73 -0.73 -70.08	48.36 0.47 -40.32	40.08 -0.21 -43.59	33.16 -0.25 -37.54	35.72 -0.54 -45.98
BETHLEHEM___GRP 23843	38.58 0.45 -0.83	35.62 0.42 -2.19	35.48 0.42 -1.59	31.97 0.44 -1.95	31.98 0.40 -3.62	40.78 0.32 -15.09	33.99 0.43 -1.50	35.18 0.17 -20.54	32.07 0.19 -18.09	27.93 0.42 -3.15	30.38 0.47 -3.76	34.54 0.30 -9.97	36.80 0.30 -12.63	40.33 0.25 -20.12	42.75 0.31 -19.81	45.85 0.33 -14.96	43.68 0.32 -11.35	65.74 -0.14 -80.81	60.56 -0.10 -71.73	72.78 -0.11 -84.50	56.25 0.07 -48.61	49.23 -0.03 -52.56	41.11 -0.03 -45.27	45.66 -0.06 -55.44
BETHLEHEM___GS1 323560	38.58 0.45 -0.83	35.62 0.42 -2.19	35.48 0.42 -1.59	31.98 0.44 -1.95	31.98 0.41 -3.62	40.78 0.31 -15.09	34.00 0.43 -1.50	35.18 0.17 -20.54	32.07 0.19 -18.09	27.93 0.43 -3.15	30.38 0.47 -3.76	34.53 0.30 -9.97	36.80 0.30 -12.63	40.33 0.25 -20.12	42.75 0.30 -19.81	45.85 0.33 -14.96	43.68 0.32 -11.35	65.74 -0.14 -80.81	60.56 -0.10 -71.73	72.78 -0.11 -84.50	56.26 0.07 -48.61	49.23 -0.03 -52.56	41.11 -0.03 -45.27	45.66 -0.06 -55.44
BETHLEHEM___GS2 323561	38.58 0.45 -0.83	35.62 0.42 -2.19	35.48 0.42 -1.59	31.98 0.44 -1.95	31.98 0.41 -3.62	40.78 0.31 -15.09	34.00 0.43 -1.50	35.18 0.17 -20.54	32.07 0.19 -18.09	27.93 0.43 -3.15	30.38 0.47 -3.76	34.53 0.30 -9.97	36.80 0.30 -12.63	40.33 0.25 -20.12	42.75 0.30 -19.81	45.85 0.33 -14.96	43.68 0.32 -11.35	65.74 -0.14 -80.81	60.56 -0.10 -71.73	72.78 -0.11 -84.50	56.26 0.07 -48.61	49.23 -0.03 -52.56	41.11 -0.03 -45.27	45.66 -0.06 -55.44
BETHLEHEM___GS3 323562	38.58 0.45 -0.83	35.62 0.42 -2.19	35.48 0.42 -1.59	31.98 0.44 -1.95	31.98 0.41 -3.62	40.78 0.31 -15.09	34.00 0.43 -1.50	35.18 0.17 -20.54	32.07 0.19 -18.09	27.93 0.43 -3.15	30.38 0.47 -3.76	34.53 0.30 -9.97	36.80 0.30 -12.63	40.33 0.25 -20.12	42.75 0.30 -19.81	45.85 0.33 -14.96	43.68 0.32 -11.35	65.74 -0.14 -80.81	60.56 -0.10 -71.73	72.78 -0.11 -84.50	56.26 0.07 -48.61	49.23 -0.03 -52.56	41.11 -0.03 -45.27	45.66 -0.06 -55.44
BETHLEHEM___STEEL 23779	36.71 -0.78 -0.19	32.82 -0.69 -0.49	33.15 -0.68 -0.36	29.31 -0.71 -0.44	28.14 -0.64 -0.81	28.12 -0.64 -3.39	31.63 -0.77 -0.34	18.53 -0.56 -4.62	17.32 -0.53 -4.07	24.17 -0.89 -0.71	26.00 -1.00 -0.85	25.60 -0.91 -2.24	25.68 -1.03 -2.84	23.68 -0.80 -4.53	26.12 -0.96 -4.46	32.57 -1.31 -3.32	33.28 -1.25 -2.51	3.69 0.44 -18.18	5.25 0.17 -16.14	7.57 0.17 -19.01	18.42 -0.08 -10.94	8.58 0.05 -11.82	6.12 0.06 -10.18	2.80 0.04 -12.47
BETHLHEM_115KV_TB1 79974	38.68 0.55 -0.83	35.72 0.51 -2.19	35.57 0.50 -1.59	32.05 0.52 -1.95	32.04 0.46 -3.62	40.84 0.38 -15.08	34.07 0.50 -1.50	35.20 0.21 -20.53	32.09 0.23 -18.08	27.97 0.46 -3.15	30.43 0.51 -3.76	34.60 0.36 -9.96	36.86 0.37 -12.63	40.38 0.31 -20.11	42.80 0.37 -19.80	45.93 0.41 -14.95	43.77 0.40 -11.35	65.66 -0.18 -80.77	60.49 -0.13 -71.69	72.70 -0.14 -84.46	56.25 0.10 -48.59	49.19 -0.04 -52.53	41.07 -0.05 -45.24	45.61 -0.09 -55.41
BETHPAGE_CC_5 323564	69.47 2.70 -29.48	51.57 2.32 -16.24	51.61 2.32 -15.81	33.16 1.96 -1.62	32.73 1.77 -3.01	62.16 1.68 -35.12	53.12 2.19 -18.87	68.72 1.01 -53.25	38.90 1.00 -24.11	35.31 1.82 -9.14	35.17 2.02 -6.99	40.45 1.88 -14.29	39.82 1.77 -14.19	38.32 1.44 -16.92	41.45 1.61 -17.21	45.03 2.06 -12.41	61.34 2.30 -27.02	51.03 -1.07 -67.03	47.60 -0.83 -59.50	57.60 -0.88 -70.09	48.47 0.57 -40.33	40.05 -0.24 -43.60	33.12 -0.31 -37.55	35.63 -0.64 -45.99
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	36.77 -0.71 -0.19	32.86 -0.65 -0.50	33.19 -0.64 -0.36	29.34 -0.68 -0.44	28.17 -0.60 -0.82	28.18 -0.61 -3.42	31.69 -0.71 -0.34	18.58 -0.53 -4.65	17.37 -0.50 -4.10	24.22 -0.84 -0.71	26.06 -0.95 -0.85	25.66 -0.86 -2.26	25.74 -0.98 -2.86	23.73 -0.78 -4.55	26.18 -0.93 -4.49	32.65 -1.25 -3.34	33.36 -1.19 -2.53	3.78 0.42 -18.29	5.33 0.16 -16.23	7.67 0.16 -19.13	18.50 -0.07 -11.00	8.64 0.05 -11.89	6.18 0.06 -10.25	2.87 0.04 -12.55
BINGHAMTON___COGEN 23790	37.67 0.08 -0.30	33.88 0.08 -0.78	34.12 0.07 -0.57	30.29 0.01 -0.70	29.28 0.02 -1.30	30.79 0.02 -5.40	32.65 0.05 -0.54	21.81 0.00 -7.35	20.23 -0.02 -6.47	25.45 -0.02 -1.13	27.46 -0.04 -1.35	27.80 -0.04 -3.57	28.27 -0.12 -4.52	27.05 -0.10 -7.20	29.58 -0.14 -7.09	35.81 -0.09 -5.35	36.06 -0.02 -4.06	13.99 0.01 -28.91	14.56 -0.05 -25.66	18.56 -0.06 -30.23	25.02 0.06 -17.39	15.48 -0.02 -18.80	12.04 -0.03 -16.20	10.02 -0.10 -19.84
BIXINCNT_115KV_LOAD 355685	37.21 -0.28 -0.19	33.05 -0.47 -0.51	33.38 -0.46 -0.37	29.50 -0.54 -0.45	28.39 -0.41 -0.84	28.52 -0.36 -3.51	32.02 -0.39 -0.35	18.86 -0.38 -4.78	17.59 -0.40 -4.21	24.48 -0.60 -0.73	26.37 -0.66 -0.87	25.91 -0.68 -2.32	25.94 -0.86 -2.94	23.94 -0.70 -4.68	26.45 -0.79 -4.61	32.90 -1.10 -3.44	33.47 -1.14 -2.60	4.37 0.52 -18.79	5.87 0.25 -16.67	8.40 0.36 -19.64	18.71 -0.16 -11.30	9.02 0.10 -12.22	6.52 0.12 -10.52	3.29 0.12 -12.89

BLACK RIVER___HYD 24047	37.32 -0.06 -0.08	32.99 -0.25 -0.22	33.67 0.04 -0.16	29.90 0.11 -0.20	28.49 0.17 -0.37	27.07 0.17 -1.52	32.39 0.18 -0.15	16.62 0.08 -2.08	15.62 0.01 -1.83	24.49 -0.17 -0.32	26.16 -0.38 -0.38	24.67 -0.61 -1.01	24.69 -0.45 -1.28	21.63 -0.36 -2.03	24.29 -0.34 -2.00	31.29 -0.79 -1.51	32.45 -0.71 -1.15	-6.32 0.44 -8.16	-3.36 0.45 -7.24	-2.58 0.50 -8.53	12.13 -0.34 -4.91	2.09 0.08 -5.31	0.62 0.17 -4.57	-3.67 0.44 -5.60
BLACKRVR_115KV_TB2 79977	37.32 -0.07 -0.08	32.98 -0.25 -0.22	33.67 0.04 -0.16	29.90 0.12 -0.20	28.50 0.17 -0.37	27.07 0.18 -1.52	32.39 0.18 -0.15	16.62 0.08 -2.08	15.62 0.01 -1.83	24.50 -0.17 -0.32	26.16 -0.38 -0.38	24.67 -0.61 -1.01	24.69 -0.45 -1.28	21.63 -0.35 -2.03	24.29 -0.34 -2.00	31.28 -0.79 -1.51	32.45 -0.72 -1.15	-6.32 0.44 -8.16	-3.36 0.45 -7.24	-2.58 0.51 -8.53	12.14 -0.34 -4.91	2.09 0.08 -5.31	0.62 0.17 -4.57	-3.67 0.44 -5.60
BLISS_WT_PWR 323608	37.16 -0.33 -0.19	32.96 -0.56 -0.51	33.29 -0.56 -0.37	29.41 -0.62 -0.45	28.33 -0.47 -0.84	28.50 -0.38 -3.51	31.97 -0.44 -0.35	18.83 -0.41 -4.78	17.56 -0.42 -4.21	24.46 -0.62 -0.73	26.36 -0.67 -0.87	25.89 -0.70 -2.32	25.92 -0.89 -2.94	23.92 -0.72 -4.68	26.44 -0.79 -4.61	32.86 -1.14 -3.44	33.39 -1.23 -2.60	4.44 0.58 -18.79	5.92 0.30 -16.67	8.48 0.46 -19.64	18.65 -0.22 -11.30	9.04 0.13 -12.22	6.55 0.15 -10.52	3.36 0.18 -12.89
BLUESTONE___WT_PWR 323821	38.63 1.03 -0.31	34.83 1.00 -0.82	35.13 1.06 -0.59	30.98 0.68 -0.73	29.95 0.65 -1.35	31.34 0.36 -5.62	32.98 0.35 -0.56	22.22 0.11 -7.65	20.67 0.15 -6.73	25.75 0.22 -1.17	28.21 0.66 -1.40	28.50 0.52 -3.71	28.67 0.11 -4.70	27.44 0.00 -7.49	29.91 -0.09 -7.37	36.17 0.04 -5.56	36.60 0.36 -4.22	15.15 0.01 -30.08	15.63 0.00 -26.69	19.88 0.05 -31.45	25.74 0.08 -18.09	16.17 -0.09 -19.56	12.53 -0.20 -16.85	10.73 -0.18 -20.63
BLUE_CIRC_CHEM_DRP 24182	38.97 0.85 -0.83	35.96 0.76 -2.18	35.83 0.77 -1.59	32.23 0.71 -1.95	32.23 0.66 -3.61	40.99 0.58 -15.04	34.30 0.74 -1.50	35.25 0.32 -20.47	32.12 0.31 -18.03	28.09 0.60 -3.14	30.55 0.65 -3.74	34.77 0.56 -9.93	37.00 0.55 -12.59	40.46 0.46 -20.05	42.90 0.52 -19.74	46.12 0.65 -14.91	43.96 0.64 -11.31	65.29 -0.29 -80.51	60.18 -0.22 -71.46	72.34 -0.23 -84.19	56.15 0.15 -48.43	48.99 -0.07 -52.37	40.89 -0.08 -45.10	45.34 -0.18 -55.24
BOC_GAS_DRP 24189	38.91 0.79 -0.83	35.91 0.71 -2.18	35.77 0.71 -1.59	32.20 0.67 -1.95	32.18 0.61 -3.61	40.96 0.54 -15.04	34.24 0.68 -1.50	35.23 0.30 -20.47	32.10 0.29 -18.03	28.05 0.56 -3.15	30.52 0.62 -3.75	34.74 0.54 -9.93	36.98 0.52 -12.59	40.45 0.44 -20.05	42.88 0.50 -19.75	46.08 0.60 -14.91	43.93 0.60 -11.31	65.34 -0.27 -80.54	60.21 -0.21 -71.48	72.38 -0.22 -84.21	56.16 0.14 -48.45	49.01 -0.07 -52.38	40.91 -0.08 -45.11	45.36 -0.18 -55.26
BOONVILLE_115KV_TB1 79983	37.92 0.57 -0.05	33.59 0.44 -0.14	34.13 0.55 -0.10	30.21 0.51 -0.12	28.69 0.51 -0.23	26.80 0.47 -0.95	32.75 0.59 -0.09	16.03 0.27 -1.30	15.14 0.22 -1.14	24.84 0.30 -0.20	26.68 0.29 -0.24	25.01 0.10 -0.63	24.87 0.21 -0.80	21.42 0.19 -1.27	24.10 0.22 -1.25	31.64 0.13 -0.94	32.89 0.16 -0.72	-9.85 -0.02 -5.10	-6.47 0.06 -4.52	-6.20 0.09 -5.33	10.55 -0.08 -3.07	0.02 0.01 -3.32	-1.23 0.03 -2.86	-6.12 0.10 -3.50
BORALEX_4TH_BRANCH 23824	40.25 2.13 -0.83	37.07 1.88 -2.18	36.97 1.91 -1.58	33.16 1.64 -1.94	33.19 1.62 -3.60	41.84 1.44 -15.03	35.39 1.83 -1.49	35.75 0.82 -20.46	32.53 0.74 -18.02	28.81 1.33 -3.14	31.33 1.43 -3.74	35.58 1.39 -9.92	37.80 1.35 -12.58	41.12 1.13 -20.04	43.68 1.32 -19.73	47.10 1.64 -14.90	44.95 1.63 -11.30	64.79 -0.75 -80.47	59.81 -0.55 -71.42	71.94 -0.58 -84.14	56.34 0.37 -48.41	48.88 -0.15 -52.33	40.77 -0.19 -45.08	45.04 -0.45 -55.21
BOWLINE___1 23526	39.31 1.35 -0.67	35.95 1.17 -1.77	35.93 1.18 -1.28	32.10 0.95 -1.58	31.78 0.91 -2.92	38.37 0.82 -12.18	34.32 1.05 -1.21	31.54 0.49 -16.58	28.88 0.50 -14.60	27.82 0.93 -2.54	30.24 1.05 -3.03	33.35 1.04 -8.04	35.06 1.00 -10.20	37.04 0.84 -16.24	39.52 0.90 -15.99	43.79 1.16 -12.08	42.45 1.27 -9.16	49.68 -0.61 -65.22	46.36 -0.46 -57.89	56.07 -0.51 -68.20	47.14 0.33 -39.24	38.97 -0.15 -42.42	32.22 -0.19 -36.54	34.63 -0.40 -44.75
BOWLINE___2 23595	39.31 1.35 -0.67	35.95 1.17 -1.77	35.93 1.18 -1.28	32.10 0.95 -1.58	31.79 0.91 -2.92	38.37 0.82 -12.18	34.32 1.05 -1.21	31.54 0.49 -16.58	28.88 0.50 -14.60	27.82 0.93 -2.54	30.24 1.06 -3.03	33.35 1.04 -8.04	35.07 1.00 -10.20	37.04 0.84 -16.24	39.53 0.90 -15.99	43.79 1.16 -12.08	42.45 1.27 -9.16	49.69 -0.61 -65.23	46.37 -0.47 -57.90	56.08 -0.51 -68.21	47.14 0.33 -39.24	38.97 -0.15 -42.42	32.23 -0.19 -36.54	34.64 -0.40 -44.75
BRADY___115KV_TB2 356060	37.43 0.11 -0.03	33.43 0.33 -0.09	33.89 0.35 -0.06	30.03 0.38 -0.08	28.53 0.43 -0.14	26.39 0.43 -0.59	32.53 0.41 -0.06	15.49 0.22 -0.81	14.74 0.25 -0.71	24.74 0.27 -0.12	26.50 0.19 -0.15	24.51 -0.15 -0.39	24.75 0.39 -0.50	20.99 0.25 -0.79	24.06 0.66 -0.78	32.16 1.02 -0.59	33.03 0.57 -0.45	-11.62 0.13 -3.18	-7.62 0.62 -2.82	-7.51 0.78 -3.33	8.86 -0.62 -1.91	-1.01 0.23 -2.07	-2.12 0.23 -1.78	-7.00 0.54 -2.18
BRANSCOMB___SOLAR 323811	40.20 2.05 -0.85	37.04 1.79 -2.24	36.96 1.86 -1.63	33.22 1.64 -2.00	33.24 1.57 -3.71	42.25 1.44 -15.44	35.43 1.83 -1.54	36.32 0.83 -21.03	33.04 0.74 -18.52	28.84 1.26 -3.23	31.32 1.31 -3.85	35.80 1.33 -10.20	38.07 1.28 -12.93	41.55 1.00 -20.60	44.01 1.10 -20.28	47.22 1.34 -15.32	45.06 1.43 -11.62	67.11 -0.67 -82.71	61.87 -0.49 -73.41	74.37 -0.50 -86.49	57.64 0.32 -49.76	50.37 -0.12 -53.79	42.05 -0.16 -46.33	46.55 -0.48 -56.75
BRENTWOD_69_KV_W. BRTWOOD 56703	71.62 3.22 -31.11	53.02 2.87 -17.14	53.09 2.89 -16.73	33.51 2.31 -1.62	33.12 2.16 -3.00	64.63 2.14 -37.12	52.93 2.66 -18.20	71.22 1.23 -55.53	37.59 1.18 -22.63	33.97 2.12 -7.51	33.70 2.35 -5.20	38.79 2.25 -12.27	37.82 2.09 -11.87	38.48 1.74 -16.79	41.80 1.96 -17.22	45.53 2.56 -12.41	62.91 2.77 -28.13	50.82 -1.28 -67.03	47.44 -1.00 -59.50	57.42 -1.06 -70.09	48.57 0.68 -40.33	40.00 -0.29 -43.60	33.06 -0.37 -37.55	35.49 -0.78 -45.99
BRISTLHL_115KV_TB1 79998	36.83 -0.59 -0.12	32.79 -0.55 -0.33	33.17 -0.54 -0.24	29.36 -0.51 -0.29	28.03 -0.47 -0.54	27.20 -0.42 -2.25	31.77 -0.51 -0.22	17.29 -0.23 -3.06	16.24 -0.22 -2.69	24.40 -0.42 -0.47	26.27 -0.44 -0.56	25.36 -0.40 -1.48	25.34 -0.40 -1.88	22.63 -0.32 -2.99	25.19 -0.39 -2.95	32.33 -0.45 -2.23	33.31 -0.39 -1.69	-2.76 0.15 -12.02	-0.32 0.08 -10.67	1.03 0.08 -12.57	14.75 -0.05 -7.23	4.54 0.02 -7.81	2.65 0.04 -6.73	-1.39 0.09 -8.24
BROOKHAVEN___DRP 24191	71.87 3.28 -31.29	53.16 2.90 -17.25	53.23 2.93 -16.83	33.53 2.34 -1.62	33.15 2.20 -3.00	64.88 2.17 -37.34	52.92 2.73 -18.13	71.51 1.27 -55.77	37.45 1.21 -22.47	33.83 2.16 -7.32	33.52 2.37 -5.00	38.57 2.26 -12.04	37.57 2.10 -11.61	38.48 1.76 -16.77	41.82 1.97 -17.22	45.61 2.64 -12.41	63.21 2.94 -28.25	50.74 -1.37 -67.03	47.38 -1.06 -59.50	57.36 -1.12 -70.09	48.62 0.73 -40.33	40.00 -0.29 -43.60	33.06 -0.37 -37.55	35.50 -0.77 -45.99

BROOKLYN_NAVY_YARD 23515	39.40 1.42 -0.69	36.09 1.26 -1.82	36.02 1.23 -1.32	32.18 0.98 -1.62	31.91 0.95 -3.00	38.71 0.83 -12.52	34.40 1.09 -1.25	32.05 0.55 -17.03	29.34 0.56 -15.00	27.99 1.03 -2.62	30.42 1.15 -3.12	33.67 1.14 -8.26	35.45 1.11 -10.48	37.56 0.92 -16.69	40.04 0.98 -16.43	44.18 1.21 -12.41	42.77 1.34 -9.41	51.46 -0.63 -67.01	47.94 -0.48 -59.48	57.93 -0.52 -70.07	48.22 0.34 -40.32	40.13 -0.15 -43.59	33.23 -0.19 -37.54	35.87 -0.39 -45.98
BROOKLYN___ARMY_DRP 323595	39.75 1.76 -0.69	36.38 1.55 -1.82	36.32 1.53 -1.32	32.45 1.25 -1.62	32.15 1.19 -3.00	38.94 1.05 -12.52	34.68 1.38 -1.25	32.17 0.67 -17.04	29.46 0.68 -15.01	28.22 1.26 -2.62	30.67 1.40 -3.12	33.91 1.37 -8.26	35.68 1.34 -10.48	37.76 1.11 -16.69	40.27 1.21 -16.43	44.50 1.53 -12.41	43.13 1.69 -9.41	51.30 -0.79 -67.02	47.81 -0.61 -59.48	57.80 -0.66 -70.08	48.31 0.43 -40.32	40.10 -0.19 -43.59	33.18 -0.23 -37.54	35.77 -0.49 -45.98
BROOKVLE_69_KV_TB1 55790	63.93 2.41 -24.22	48.47 2.15 -13.31	48.52 2.17 -12.88	32.95 1.74 -1.63	32.61 1.64 -3.01	55.64 1.57 -28.70	52.25 1.99 -18.20	61.31 0.93 -45.92	40.33 0.91 -25.64	37.17 1.65 -11.17	37.37 1.85 -9.37	42.85 1.77 -16.81	43.07 1.68 -17.52	38.44 1.37 -17.11	41.26 1.52 -17.12	44.92 1.95 -12.41	57.58 2.11 -23.46	51.12 -0.98 -67.03	47.68 -0.75 -59.50	57.68 -0.80 -70.09	48.43 0.53 -40.33	40.06 -0.23 -43.60	33.14 -0.29 -37.55	35.66 -0.60 -45.99
BROOME_2_LFGE 323671	37.67 0.08 -0.30	33.87 0.08 -0.78	34.12 0.07 -0.57	30.29 0.01 -0.70	29.28 0.02 -1.30	30.79 0.02 -5.40	32.65 0.05 -0.54	21.81 0.00 -7.35	20.23 -0.02 -6.47	25.45 -0.02 -1.13	27.45 -0.05 -1.35	27.80 -0.04 -3.57	28.26 -0.12 -4.52	27.05 -0.10 -7.20	29.57 -0.15 -7.09	35.80 -0.10 -5.35	36.06 -0.02 -4.06	13.99 0.01 -28.91	14.56 -0.05 -25.66	18.56 -0.06 -30.23	25.02 0.06 -17.39	15.48 -0.02 -18.80	12.04 -0.03 -16.20	10.02 -0.10 -19.84
BROOME___LFGE 323600	37.67 0.08 -0.30	33.87 0.08 -0.78	34.12 0.07 -0.57	30.29 0.01 -0.70	29.28 0.02 -1.30	30.79 0.02 -5.40	32.65 0.05 -0.54	21.81 0.00 -7.35	20.23 -0.02 -6.47	25.45 -0.02 -1.13	27.45 -0.05 -1.35	27.80 -0.04 -3.57	28.26 -0.12 -4.52	27.05 -0.10 -7.20	29.57 -0.15 -7.09	35.80 -0.10 -5.35	36.06 -0.02 -4.06	13.99 0.01 -28.91	14.56 -0.05 -25.66	18.56 -0.06 -30.23	25.02 0.06 -17.39	15.48 -0.02 -18.80	12.04 -0.03 -16.20	10.02 -0.10 -19.84
BROWNFLS_115KV_TB_3_5 80003	37.02 -0.33 -0.05	32.90 -0.25 -0.13	33.47 -0.11 -0.10	29.68 -0.03 -0.12	28.22 0.04 -0.22	26.37 0.06 -0.93	32.12 -0.03 -0.09	15.73 -0.01 -1.27	14.88 -0.02 -1.12	24.37 -0.17 -0.19	26.11 -0.28 -0.23	24.30 -0.59 -0.62	24.43 -0.22 -0.78	20.97 -0.23 -1.24	23.75 -0.10 -1.23	31.17 -0.32 -0.93	32.08 -0.64 -0.70	-9.37 0.56 -4.99	-5.88 0.75 -4.43	-5.53 0.86 -5.22	9.97 -0.60 -3.01	0.15 0.20 -3.25	-1.07 0.26 -2.80	-5.67 0.62 -3.43
BROWNSV1_27_KV_LOAD 356125	39.89 1.90 -0.69	36.49 1.66 -1.82	36.46 1.66 -1.32	32.56 1.36 -1.62	32.25 1.29 -3.00	39.02 1.13 -12.52	34.80 1.49 -1.25	32.22 0.72 -17.03	29.51 0.73 -15.00	28.31 1.35 -2.62	30.77 1.50 -3.12	34.00 1.47 -8.26	35.78 1.43 -10.48	37.84 1.20 -16.69	40.36 1.30 -16.43	44.62 1.66 -12.41	43.25 1.82 -9.41	51.22 -0.86 -67.01	47.78 -0.64 -59.48	57.75 -0.71 -70.07	48.33 0.45 -40.32	40.08 -0.20 -43.59	33.17 -0.25 -37.54	35.74 -0.52 -45.98
BURROWS___LYONSDAL 23803	37.75 0.40 -0.06	33.43 0.27 -0.14	34.00 0.42 -0.10	30.12 0.41 -0.13	28.61 0.41 -0.24	26.74 0.38 -0.99	32.63 0.47 -0.10	16.02 0.20 -1.35	15.12 0.15 -1.19	24.71 0.15 -0.21	26.54 0.14 -0.25	24.85 -0.08 -0.66	24.75 0.05 -0.83	21.34 0.06 -1.32	23.99 0.06 -1.30	31.38 -0.16 -0.98	32.59 -0.17 -0.75	-9.46 0.16 -5.31	-6.13 0.22 -4.71	-5.81 0.25 -5.56	10.58 -0.19 -3.20	0.20 0.04 -3.46	-1.06 0.09 -2.98	-5.85 0.22 -3.64
CAITHNESS_CC_1 323624	71.75 3.15 -31.30	52.98 2.72 -17.25	53.03 2.72 -16.83	33.49 2.29 -1.62	33.04 2.08 -3.00	64.71 1.99 -37.35	52.79 2.60 -18.13	71.45 1.21 -55.78	37.41 1.17 -22.46	33.77 2.11 -7.31	33.44 2.29 -4.99	38.50 2.19 -12.03	37.49 2.03 -11.60	38.42 1.70 -16.77	41.74 1.90 -17.22	45.50 2.52 -12.41	63.09 2.83 -28.25	50.80 -1.31 -67.03	47.43 -1.01 -59.50	57.41 -1.07 -70.09	48.60 0.71 -40.33	40.01 -0.28 -43.60	33.07 -0.35 -37.55	35.53 -0.74 -45.99
CALPINE BETH_PAGE_GT4 24209	68.53 2.58 -28.66	51.09 2.30 -15.78	51.15 2.32 -15.36	33.03 1.83 -1.62	32.68 1.71 -3.01	61.18 1.70 -34.11	53.36 2.12 -19.18	67.55 0.98 -52.10	39.57 0.96 -24.83	36.02 1.74 -9.94	35.96 1.94 -7.87	41.32 1.77 -15.28	40.85 1.66 -15.32	38.29 1.35 -16.98	41.35 1.51 -17.21	44.90 1.93 -12.41	60.62 2.14 -26.46	51.11 -0.99 -67.03	47.66 -0.78 -59.50	57.66 -0.82 -70.09	48.42 0.53 -40.33	40.06 -0.23 -43.60	33.13 -0.29 -37.55	35.66 -0.61 -45.99
CALPINE_BETH_PAGE_GT_4 323586	68.54 2.58 -28.66	51.03 2.24 -15.78	51.07 2.23 -15.36	33.08 1.88 -1.62	32.66 1.70 -3.01	61.09 1.61 -34.11	53.34 2.10 -19.18	67.53 0.97 -52.10	39.58 0.96 -24.83	36.04 1.76 -9.94	35.97 1.94 -7.87	41.32 1.77 -15.28	40.85 1.66 -15.32	38.30 1.36 -16.98	41.35 1.51 -17.21	44.90 1.92 -12.41	60.62 2.15 -26.46	51.10 -0.99 -67.03	47.66 -0.78 -59.50	57.66 -0.82 -70.09	48.43 0.53 -40.33	40.06 -0.23 -43.60	33.13 -0.29 -37.55	35.66 -0.61 -45.99
CALPINE_BP_GT1 23823	68.54 2.58 -28.66	51.03 2.24 -15.78	51.07 2.23 -15.36	33.08 1.88 -1.62	32.66 1.70 -3.01	61.09 1.61 -34.11	53.34 2.10 -19.18	67.53 0.97 -52.10	39.58 0.96 -24.83	36.04 1.76 -9.94	35.97 1.94 -7.87	41.32 1.77 -15.28	40.85 1.66 -15.32	38.30 1.36 -16.98	41.35 1.51 -17.21	44.90 1.92 -12.41	60.62 2.15 -26.46	51.10 -0.99 -67.03	47.66 -0.78 -59.50	57.66 -0.82 -70.09	48.43 0.53 -40.33	40.06 -0.23 -43.60	33.13 -0.29 -37.55	35.66 -0.61 -45.99
CALSPAN___DRP 24200	36.71 -0.78 -0.19	32.82 -0.69 -0.49	33.15 -0.68 -0.36	29.31 -0.71 -0.44	28.14 -0.64 -0.81	28.12 -0.64 -3.39	31.63 -0.77 -0.34	18.53 -0.56 -4.62	17.32 -0.53 -4.07	24.17 -0.89 -0.71	26.00 -1.00 -0.85	25.60 -0.91 -2.24	25.68 -1.03 -2.84	23.68 -0.80 -4.53	26.12 -0.96 -4.46	32.57 -1.31 -3.32	33.28 -1.25 -2.51	3.69 0.44 -18.18	5.25 0.17 -16.14	7.57 0.17 -19.01	18.42 -0.08 -10.94	8.58 0.05 -11.82	6.12 0.06 -10.18	2.80 0.04 -12.47
CALVERTON___SOLAR 323806	72.03 3.45 -31.29	53.23 2.97 -17.25	53.28 2.98 -16.83	33.71 2.51 -1.62	33.25 2.29 -3.00	64.89 2.18 -37.34	53.05 2.85 -18.13	71.56 1.32 -55.77	37.52 1.28 -22.47	33.96 2.29 -7.32	33.62 2.47 -5.00	38.67 2.36 -12.04	37.66 2.19 -11.61	38.56 1.84 -16.77	41.91 2.06 -17.22	45.74 2.76 -12.41	63.37 3.10 -28.25	50.66 -1.44 -67.03	47.33 -1.11 -59.50	57.31 -1.17 -70.09	48.67 0.77 -40.33	39.98 -0.31 -43.60	33.04 -0.38 -37.55	35.47 -0.80 -45.99
CANDIGU_WT_PWR 323617	36.62 -0.90 -0.23	32.87 -0.75 -0.60	33.03 -0.88 -0.44	29.30 -0.82 -0.54	28.24 -0.71 -0.99	28.88 -0.63 -4.15	31.70 -0.78 -0.41	19.63 -0.48 -5.64	18.26 -0.49 -4.97	24.42 -0.79 -0.87	26.27 -0.92 -1.03	26.15 -0.86 -2.74	26.35 -0.99 -3.47	24.65 -0.84 -5.53	27.04 -1.04 -5.44	33.29 -1.36 -4.09	33.66 -1.45 -3.10	7.94 0.67 -22.20	9.04 0.40 -19.70	12.00 0.41 -23.21	20.66 -0.26 -13.35	11.25 0.11 -14.44	8.44 0.13 -12.44	5.71 0.20 -15.23

CARR STREET_E_SYR 24060	37.10 -0.33 -0.13	33.05 -0.31 -0.35	33.40 -0.33 -0.25	29.58 -0.31 -0.31	28.25 -0.28 -0.58	27.54 -0.25 -2.42	32.00 -0.30 -0.24	17.62 -0.14 -3.29	16.54 -0.14 -2.90	24.59 -0.26 -0.51	26.48 -0.28 -0.60	25.62 -0.25 -1.60	25.62 -0.27 -2.02	22.97 -0.21 -3.22	25.54 -0.26 -3.17	32.69 -0.26 -2.40	33.65 -0.19 -1.82	-1.93 0.05 -12.95	0.43 0.00 -11.49	1.92 0.00 -13.54	15.35 0.00 -7.79	5.12 0.00 -8.42	3.14 0.01 -7.25	-0.82 0.02 -8.88
CARTHAGE___PAPER 23857	37.54 0.17 -0.08	33.23 0.01 -0.20	33.87 0.25 -0.15	30.07 0.31 -0.18	28.64 0.35 -0.33	27.08 0.33 -1.38	32.58 0.38 -0.14	16.51 0.16 -1.88	15.53 0.10 -1.66	24.62 -0.02 -0.29	26.34 -0.16 -0.34	24.74 -0.45 -0.91	24.78 -0.24 -1.16	21.61 -0.19 -1.84	24.30 -0.15 -1.81	31.42 -0.51 -1.37	32.55 -0.51 -1.04	-7.15 0.37 -7.40	-4.04 0.45 -6.57	-3.37 0.51 -7.74	11.67 -0.35 -4.45	1.60 0.09 -4.81	0.19 0.17 -4.15	-4.21 0.43 -5.08
CASSADAGA_WT_PWR 323784	36.93 -0.56 -0.19	33.13 -0.39 -0.51	33.21 -0.64 -0.37	29.39 -0.64 -0.45	28.30 -0.49 -0.84	28.38 -0.49 -3.50	31.85 -0.56 -0.35	18.74 -0.49 -4.77	17.43 -0.55 -4.20	24.13 -0.95 -0.73	26.16 -0.87 -0.87	25.72 -0.86 -2.31	25.88 -0.92 -2.93	24.02 -0.60 -4.67	26.52 -0.71 -4.60	32.95 -1.05 -3.43	33.56 -1.05 -2.60	4.25 0.43 -18.75	5.96 0.38 -16.64	8.36 0.36 -19.61	18.64 -0.20 -11.28	8.99 0.10 -12.19	6.48 0.11 -10.50	3.11 -0.03 -12.86
CE_DUNWOOD___DRP 24194	39.55 1.56 -0.69	36.20 1.37 -1.82	36.16 1.38 -1.32	32.32 1.12 -1.62	32.02 1.07 -3.00	38.82 0.95 -12.49	34.54 1.23 -1.24	32.06 0.59 -17.01	29.34 0.58 -14.98	28.05 1.09 -2.61	30.49 1.22 -3.11	33.72 1.19 -8.25	35.48 1.16 -10.46	37.58 0.96 -16.66	40.08 1.04 -16.40	44.28 1.34 -12.39	42.87 1.46 -9.40	51.28 -0.69 -66.90	47.79 -0.53 -59.38	57.77 -0.57 -69.95	48.18 0.37 -40.25	40.05 -0.16 -43.51	33.15 -0.20 -37.48	35.75 -0.44 -45.90
CE_MILLWOOD___DRP 24193	39.48 1.50 -0.69	36.14 1.32 -1.81	36.10 1.32 -1.31	32.27 1.08 -1.61	31.97 1.02 -2.99	38.74 0.91 -12.45	34.49 1.19 -1.24	31.97 0.56 -16.95	29.27 0.56 -14.93	27.99 1.05 -2.60	30.44 1.18 -3.10	33.65 1.15 -8.22	35.41 1.12 -10.42	37.49 0.93 -16.60	39.98 1.00 -16.35	44.18 1.28 -12.35	42.79 1.40 -9.37	51.08 -0.67 -66.68	47.62 -0.51 -59.18	57.56 -0.55 -69.72	48.04 0.36 -40.11	39.91 -0.16 -43.37	33.03 -0.20 -37.35	35.61 -0.42 -45.75
CE_NYC2_DRP 24202	39.59 1.60 -0.69	36.25 1.43 -1.82	36.20 1.41 -1.32	32.35 1.14 -1.62	32.04 1.08 -3.00	38.85 0.96 -12.52	34.57 1.26 -1.25	32.11 0.61 -17.04	29.40 0.62 -15.01	28.11 1.14 -2.62	30.55 1.28 -3.12	33.79 1.25 -8.26	35.56 1.22 -10.48	37.66 1.02 -16.69	40.16 1.10 -16.43	44.36 1.39 -12.41	42.97 1.54 -9.41	51.37 -0.72 -67.02	47.88 -0.54 -59.48	57.86 -0.60 -70.08	48.27 0.38 -40.32	40.12 -0.17 -43.59	33.21 -0.21 -37.54	35.82 -0.44 -45.98
CE_NYC_DRP 24195	39.53 1.54 -0.69	36.19 1.36 -1.82	36.15 1.36 -1.32	32.31 1.10 -1.62	32.01 1.05 -3.00	38.81 0.92 -12.52	34.51 1.20 -1.25	32.10 0.60 -17.03	29.38 0.60 -15.00	28.09 1.13 -2.62	30.52 1.24 -3.12	33.76 1.23 -8.26	35.54 1.20 -10.48	37.64 0.99 -16.69	40.13 1.07 -16.43	44.31 1.34 -12.41	42.91 1.48 -9.41	51.39 -0.70 -67.01	47.89 -0.52 -59.48	57.88 -0.58 -70.07	48.25 0.37 -40.31	40.12 -0.17 -43.58	33.21 -0.20 -37.54	35.83 -0.43 -45.98
CHAFFEE___LFGE 323603	36.66 -0.82 -0.19	32.78 -0.74 -0.50	33.12 -0.71 -0.36	29.29 -0.74 -0.45	28.11 -0.68 -0.83	28.16 -0.67 -3.45	31.61 -0.80 -0.34	18.60 -0.56 -4.70	17.38 -0.53 -4.14	24.18 -0.89 -0.72	26.01 -1.00 -0.86	25.64 -0.91 -2.28	25.73 -1.03 -2.89	23.75 -0.81 -4.60	26.18 -0.98 -4.53	32.63 -1.31 -3.38	33.32 -1.25 -2.56	3.98 0.43 -18.48	5.51 0.16 -16.40	7.88 0.16 -19.33	18.59 -0.09 -11.12	8.77 0.05 -12.02	6.29 0.06 -10.35	3.02 0.05 -12.68
CHATEAUG_35_KV_LOAD 355732	36.91 -0.41 -0.03	33.15 0.07 -0.08	33.67 0.14 -0.06	29.89 0.24 -0.07	28.44 0.35 -0.13	26.30 0.40 -0.53	32.48 0.36 -0.05	15.37 0.19 -0.72	14.66 0.25 -0.63	24.85 0.39 -0.11	26.57 0.29 -0.13	24.66 0.04 -0.35	24.74 0.43 -0.44	20.93 0.27 -0.70	24.04 0.71 -0.69	32.19 1.11 -0.52	32.98 0.57 -0.40	-11.90 0.20 -2.83	-7.73 0.82 -2.51	-7.72 0.94 -2.96	8.51 -0.75 -1.70	-1.14 0.33 -1.84	-2.21 0.33 -1.58	-7.00 0.78 -1.94
CHATEAUG_WT_PWR 323614	36.86 -0.46 -0.03	33.16 0.08 -0.07	33.64 0.12 -0.05	29.87 0.22 -0.07	28.44 0.36 -0.12	26.28 0.40 -0.51	32.49 0.38 -0.05	15.34 0.18 -0.69	14.63 0.24 -0.61	24.81 0.36 -0.11	26.58 0.30 -0.13	24.65 0.04 -0.34	24.73 0.44 -0.43	20.91 0.28 -0.68	24.01 0.71 -0.67	32.17 1.11 -0.51	32.98 0.59 -0.38	-11.98 0.21 -2.73	-7.79 0.84 -2.43	-7.76 1.00 -2.86	8.43 -0.78 -1.64	-1.18 0.34 -1.78	-2.25 0.34 -1.53	-7.05 0.79 -1.87
CHAT_HIGH_FALL_HYD 323578	36.91 -0.41 -0.03	33.18 0.09 -0.08	33.67 0.14 -0.06	29.88 0.23 -0.07	28.43 0.35 -0.13	26.28 0.38 -0.53	32.49 0.38 -0.05	15.37 0.19 -0.72	14.66 0.25 -0.63	24.84 0.38 -0.11	26.57 0.29 -0.13	24.66 0.04 -0.35	24.74 0.43 -0.44	20.93 0.27 -0.70	24.04 0.72 -0.69	32.22 1.14 -0.52	33.00 0.59 -0.40	-11.89 0.21 -2.83	-7.73 0.82 -2.51	-7.71 0.95 -2.96	8.51 -0.75 -1.70	-1.14 0.33 -1.84	-2.21 0.33 -1.58	-7.00 0.78 -1.94
CHAUTAUQUA___LFGE 323629	36.79 -0.70 -0.19	32.94 -0.58 -0.50	33.17 -0.67 -0.37	29.34 -0.69 -0.45	28.22 -0.57 -0.83	28.28 -0.56 -3.47	31.73 -0.67 -0.35	18.68 -0.51 -4.73	17.44 -0.51 -4.17	24.21 -0.86 -0.73	26.12 -0.90 -0.87	25.74 -0.83 -2.29	25.83 -0.94 -2.91	23.91 -0.68 -4.63	26.39 -0.80 -4.56	32.84 -1.13 -3.40	33.51 -1.08 -2.58	4.07 0.40 -18.60	5.68 0.23 -16.51	8.06 0.22 -19.45	18.64 -0.12 -11.19	8.86 0.06 -12.10	6.37 0.07 -10.42	3.04 -0.01 -12.76
CHERRYST_13_KV_LD 356241	39.63 1.64 -0.69	36.27 1.44 -1.82	36.24 1.44 -1.32	32.38 1.19 -1.62	32.08 1.12 -3.00	38.86 0.98 -12.52	34.60 1.29 -1.25	32.14 0.63 -17.03	29.42 0.64 -15.00	28.15 1.19 -2.62	30.59 1.32 -3.12	33.83 1.30 -8.26	35.61 1.27 -10.48	37.69 1.05 -16.69	40.20 1.14 -16.43	44.39 1.42 -12.41	43.00 1.57 -9.41	51.35 -0.74 -67.01	47.86 -0.55 -59.48	57.85 -0.60 -70.07	48.27 0.39 -40.31	40.11 -0.17 -43.58	33.20 -0.22 -37.54	35.81 -0.45 -45.98
CHESTROR_138KV_BK263 355645	39.17 1.22 -0.65	35.79 1.07 -1.70	35.78 1.07 -1.24	31.98 0.87 -1.52	31.61 0.83 -2.82	37.85 0.75 -11.73	34.19 0.96 -1.17	30.89 0.45 -15.97	28.30 0.45 -14.07	27.64 0.84 -2.45	30.01 0.94 -2.92	32.96 0.93 -7.75	34.58 0.90 -9.82	36.35 0.75 -15.65	38.85 0.81 -15.41	43.26 1.06 -11.64	42.01 1.17 -8.83	47.34 -0.56 -62.83	44.28 -0.43 -55.77	53.62 -0.47 -65.70	45.67 0.30 -37.80	37.43 -0.13 -40.87	30.91 -0.17 -35.20	33.03 -0.36 -43.11
CH_MIDHUDSON___DRP 24192	39.64 1.63 -0.71	36.32 1.45 -1.86	36.28 1.46 -1.35	32.45 1.22 -1.66	32.20 1.17 -3.07	39.23 1.05 -12.81	34.68 1.34 -1.27	32.52 0.62 -17.44	29.76 0.62 -15.36	28.17 1.15 -2.68	30.63 1.29 -3.19	33.98 1.25 -8.46	35.79 1.20 -10.73	38.02 0.98 -17.09	40.53 1.08 -16.82	44.67 1.41 -12.71	43.17 1.51 -9.64	52.96 -0.72 -68.61	49.30 -0.54 -60.90	59.55 -0.58 -71.74	49.21 0.37 -41.28	41.16 -0.16 -44.63	34.11 -0.20 -38.43	36.91 -0.44 -47.07

CH_MISC_IPPS 23765	39.80 1.81 -0.69	36.43 1.59 -1.83	36.40 1.60 -1.33	32.55 1.34 -1.63	32.26 1.28 -3.02	39.12 1.16 -12.59	34.80 1.48 -1.25	32.29 0.69 -17.14	29.56 0.68 -15.09	28.24 1.27 -2.63	30.70 1.41 -3.14	33.95 1.36 -8.31	35.72 1.32 -10.54	37.83 1.08 -16.79	40.35 1.19 -16.53	44.62 1.58 -12.48	43.20 1.72 -9.47	51.67 -0.82 -67.42	48.16 -0.61 -59.84	58.23 -0.66 -70.49	48.55 0.43 -40.56	40.36 -0.18 -43.85	33.42 -0.23 -37.76	36.05 -0.49 -46.25
CH_RES_BVR_FALLS 23983	36.77 -0.54 -0.02	32.69 -0.37 -0.05	33.14 -0.37 -0.04	29.43 -0.20 -0.04	27.84 -0.20 -0.08	25.54 -0.17 -0.35	31.85 -0.24 -0.04	14.82 -0.12 -0.47	14.08 -0.11 -0.42	24.21 -0.21 -0.07	25.97 -0.27 -0.09	24.12 -0.38 -0.23	23.99 -0.16 -0.29	20.24 -0.18 -0.46	23.05 -0.03 -0.45	30.81 -0.09 -0.34	31.76 -0.51 -0.26	-12.60 0.48 -1.85	-8.82 0.59 -1.64	-8.99 0.69 -1.94	8.21 -0.47 -1.11	-1.91 0.19 -1.20	-2.87 0.21 -1.04	-7.99 0.46 -1.27
CH_RES_NIAGARA 23895	35.79 -1.68 -0.18	32.06 -1.43 -0.47	32.28 -1.54 -0.34	28.58 -1.42 -0.42	27.41 -1.33 -0.78	27.33 -1.29 -3.25	30.83 -1.55 -0.32	17.91 -0.98 -4.43	16.80 -0.87 -3.90	23.59 -1.44 -0.68	25.38 -1.58 -0.81	25.02 -1.40 -2.15	25.07 -1.52 -2.72	22.97 -1.32 -4.34	25.32 -1.58 -4.27	31.69 -2.04 -3.17	32.28 -2.13 -2.40	3.33 0.84 -17.41	4.83 0.44 -15.46	7.05 0.45 -18.21	17.82 -0.22 -10.48	8.15 0.13 -11.32	5.79 0.15 -9.76	2.46 0.23 -11.95
CH_RES_SYRACUSE 23985	37.31 -0.13 -0.14	33.27 -0.12 -0.37	33.61 -0.13 -0.27	29.77 -0.14 -0.33	28.46 -0.11 -0.62	27.84 -0.10 -2.57	32.22 -0.10 -0.25	17.91 -0.05 -3.49	16.81 -0.05 -3.08	24.79 -0.09 -0.54	26.67 -0.12 -0.64	25.87 -0.10 -1.70	25.89 -0.12 -2.15	23.28 -0.10 -3.42	25.89 -0.11 -3.37	33.05 -0.05 -2.55	33.97 0.03 -1.93	-1.23 -0.04 -13.74	1.08 -0.06 -12.20	2.69 -0.07 -14.37	15.87 0.04 -8.27	5.62 -0.02 -8.94	3.56 -0.01 -7.70	-0.32 -0.04 -9.43
CLINTON_WT_PWR 323605	36.86 -0.46 -0.03	33.16 0.08 -0.07	33.64 0.12 -0.05	29.87 0.22 -0.07	28.44 0.36 -0.12	26.28 0.40 -0.51	32.49 0.38 -0.05	15.34 0.18 -0.69	14.63 0.18 -0.61	24.81 0.24 -0.11	26.58 0.30 -0.13	24.65 0.04 -0.34	24.73 0.44 -0.43	20.91 0.28 -0.68	24.01 0.71 -0.67	32.17 1.11 -0.51	32.98 0.59 -0.38	-11.98 0.21 -2.73	-7.79 0.84 -2.43	-7.76 1.00 -2.86	8.43 -0.78 -1.64	-1.18 0.34 -1.78	-2.25 0.34 -1.53	-7.05 0.79 -1.87
CLINTON__LFGE 323618	37.45 0.13 -0.03	33.67 0.58 -0.07	34.15 0.62 -0.06	30.31 0.66 -0.07	28.87 0.79 -0.12	26.68 0.79 -0.51	33.00 0.89 -0.05	15.59 0.42 -0.70	14.87 0.77 -0.62	25.22 0.77 -0.11	26.98 0.70 -0.13	25.00 0.38 -0.34	25.04 0.75 -0.43	21.19 0.55 -0.69	24.35 1.05 -0.68	32.65 1.58 -0.51	33.53 1.13 -0.39	-12.23 -0.06 -2.76	-7.98 0.63 -2.45	-7.96 0.78 -2.88	8.58 -0.64 -1.66	-1.22 0.28 -1.79	-2.30 0.28 -1.55	-7.16 0.66 -1.89
COBBLENY_34_KV_TB1 80064	36.68 -0.81 -0.19	32.79 -0.72 -0.50	33.13 -0.70 -0.36	29.29 -0.74 -0.45	28.12 -0.67 -0.83	28.15 -0.67 -3.45	31.61 -0.80 -0.34	18.60 -0.56 -4.70	17.39 -0.53 -4.14	24.18 -0.88 -0.72	26.01 -1.00 -0.86	25.63 -0.91 -2.28	25.72 -1.03 -2.89	23.74 -0.82 -4.60	26.18 -0.98 -4.53	32.63 -1.31 -3.38	33.33 -1.24 -2.56	3.99 0.43 -18.48	5.51 0.16 -16.40	7.88 0.17 -19.33	18.61 -0.07 -11.12	8.77 0.05 -12.02	6.29 0.06 -10.35	3.02 0.05 -12.68
COFFEEN__115KV_TB3 355620	37.51 0.13 -0.08	33.16 -0.08 -0.22	33.82 0.18 -0.16	30.02 0.25 -0.20	28.63 0.30 -0.37	27.22 0.30 -1.55	32.55 0.34 -0.15	16.73 0.15 -2.11	15.72 0.08 -1.86	24.60 -0.07 -0.32	26.22 -0.32 -0.39	24.75 -0.54 -1.02	24.78 -0.39 -1.30	21.74 -0.28 -2.07	24.42 -0.24 -2.03	31.52 -0.58 -1.54	32.75 -0.43 -1.17	-6.34 0.29 -8.30	-3.36 0.33 -7.36	-2.57 0.37 -8.67	12.29 -0.26 -4.99	2.15 0.05 -5.40	0.66 0.13 -4.65	-3.66 0.37 -5.69
COLDSPRG_115KV_BK1 355956	37.88 0.38 -0.19	33.88 0.35 -0.51	34.11 0.26 -0.37	30.17 0.13 -0.46	28.99 0.18 -0.85	29.03 0.11 -3.54	32.67 0.25 -0.35	19.21 -0.08 -4.83	17.89 -0.14 -4.25	24.90 -0.19 -0.74	26.82 -0.22 -0.88	26.35 -0.26 -2.34	26.45 -0.38 -2.97	24.44 -0.25 -4.73	26.95 -0.33 -4.66	33.61 -0.43 -3.48	34.36 -0.29 -2.63	4.12 0.06 -18.98	5.79 0.00 -16.85	8.21 -0.02 -19.85	19.07 0.09 -11.42	9.02 -0.02 -12.34	6.47 -0.04 -10.63	3.04 -0.26 -13.02
COLONIE_LFGE__ 323577	39.64 1.51 -0.84	36.55 1.33 -2.22	36.44 1.36 -1.61	32.75 1.20 -1.97	32.77 1.15 -3.66	41.66 1.02 -15.26	34.90 1.31 -1.52	35.83 0.59 -20.78	32.61 0.54 -18.30	28.50 0.96 -3.19	30.99 1.03 -3.80	35.33 0.98 -10.08	37.60 0.96 -12.78	41.09 0.78 -20.35	43.57 0.90 -20.04	46.80 1.11 -15.13	44.62 1.12 -11.48	66.27 -0.53 -81.73	61.09 -0.38 -72.54	73.44 -0.40 -85.46	56.99 0.26 -49.16	49.75 -0.11 -53.15	41.52 -0.13 -45.78	46.02 -0.33 -56.07
COOPERNY_115KV_TB1 80082	38.71 0.87 -0.54	35.21 0.76 -1.43	35.27 0.75 -1.04	31.48 0.62 -1.28	30.92 0.59 -2.37	35.78 0.53 -9.87	33.72 0.68 -0.98	28.23 0.32 -13.44	25.94 0.33 -11.84	27.01 0.60 -2.06	29.28 0.67 -2.46	31.45 0.66 -6.52	32.75 0.62 -8.26	33.65 0.53 -13.16	36.16 0.57 -12.96	41.08 0.73 -9.79	40.27 0.82 -7.43	37.54 -0.40 -52.87	35.56 -0.31 -46.92	43.32 -0.34 -55.28	39.59 0.22 -31.80	30.98 -0.10 -34.38	25.37 -0.12 -29.61	26.28 -0.27 -36.27
COPENHAGEN_WT_PWR 323753	37.12 -0.26 -0.09	32.80 -0.44 -0.23	33.53 -0.11 -0.17	29.80 0.01 -0.21	28.41 0.07 -0.38	27.05 0.08 -1.59	32.26 0.04 -0.16	16.64 0.01 -2.17	15.63 -0.06 -1.91	24.41 -0.27 -0.34	26.10 -0.45 -0.40	24.64 -0.68 -1.05	24.65 -0.55 -1.33	21.64 -0.44 -2.13	24.22 -0.50 -2.09	31.04 -1.10 -1.58	32.16 -1.06 -1.20	-5.78 0.62 -8.53	-2.91 0.57 -7.58	-2.07 0.62 -8.92	12.29 -0.41 -5.13	2.35 0.10 -5.55	0.86 0.20 -4.78	-3.34 0.52 -5.86
CORNELL____ 23752	38.26 0.74 -0.22	34.26 0.66 -0.59	34.55 0.65 -0.43	30.62 0.52 -0.53	29.44 0.51 -0.98	29.93 0.47 -4.08	33.12 0.65 -0.41	20.31 0.28 -5.56	18.93 0.25 -4.90	25.58 0.38 -0.85	27.53 0.35 -1.02	27.29 0.33 -2.70	27.48 0.20 -3.42	25.57 0.17 -5.44	28.20 0.21 -5.36	35.12 0.52 -4.04	35.83 0.75 -3.07	6.56 -0.38 -21.86	8.03 -0.31 -19.41	10.91 -0.34 -22.86	20.95 0.22 -13.15	10.83 -0.09 -14.22	8.02 -0.11 -12.25	5.04 -0.24 -15.00
CORONAAV_69_KV_TB1 355595	69.75 2.62 -29.83	51.53 2.34 -16.17	51.62 2.38 -15.76	33.11 1.87 -1.66	32.77 1.77 -3.05	60.08 1.74 -32.97	64.13 2.19 -29.88	68.58 1.00 -53.11	51.71 0.98 -36.95	48.05 1.78 -21.92	48.47 2.00 -20.32	56.03 1.90 -29.86	56.38 1.79 -30.73	39.27 1.45 -17.86	41.73 1.64 -17.46	45.09 2.11 -12.41	61.26 2.30 -26.95	51.04 -1.06 -67.03	47.61 -0.83 -59.50	57.60 -0.87 -70.09	48.45 0.55 -40.33	40.05 -0.24 -43.60	33.12 -0.30 -37.55	35.62 -0.64 -45.99
CORTLAND_115KV_TB3 80093	37.86 0.37 -0.19	33.85 0.33 -0.51	34.17 0.32 -0.37	30.27 0.24 -0.45	29.04 0.24 -0.84	29.11 0.23 -3.51	32.73 0.32 -0.35	19.38 0.14 -4.77	18.10 0.12 -4.20	25.26 0.18 -0.73	27.18 0.15 -0.87	26.72 0.14 -2.32	26.88 0.08 -2.93	24.72 0.08 -4.68	27.32 0.09 -4.60	34.27 0.24 -3.48	35.03 0.38 -2.64	3.66 -0.19 -18.78	5.43 -0.17 -16.67	7.83 -0.19 -19.64	18.99 0.13 -11.30	8.86 -0.05 -12.21	6.34 -0.06 -10.52	3.03 -0.14 -12.88

COXSACKIE___GT 23611	41.63 3.55 -0.79	38.18 3.08 -2.08	38.12 3.13 -1.51	34.32 2.88 -1.86	34.11 2.71 -3.44	42.17 2.45 -14.35	36.66 3.17 -1.43	35.43 1.43 -19.53	32.25 1.27 -17.20	29.56 2.21 -3.00	31.86 2.13 -3.57	35.62 1.88 -9.47	37.96 2.09 -12.01	40.84 1.76 -19.13	43.62 2.15 -18.84	47.65 2.86 -14.22	46.00 3.20 -10.79	60.39 -1.50 -76.82	56.04 -1.09 -68.18	67.61 -1.11 -80.33	54.47 0.69 -46.21	46.39 -0.27 -49.96	38.58 -0.33 -43.03	42.25 -0.74 -52.71
CPV_VALLEY___CC1 323721	38.83 0.92 -0.61	35.42 0.80 -1.61	35.44 0.80 -1.17	31.66 0.65 -1.43	31.23 0.62 -2.65	36.97 0.55 -11.05	33.87 0.70 -1.10	29.85 0.34 -15.05	27.38 0.35 -13.25	27.31 0.65 -2.31	29.64 0.73 -2.75	32.30 0.73 -7.30	33.81 0.70 -9.25	35.28 0.59 -14.74	37.77 0.62 -14.51	42.31 0.79 -10.96	41.22 0.89 -8.32	43.84 -0.43 -59.20	41.15 -0.33 -52.54	49.92 -0.37 -61.90	43.42 0.24 -35.61	35.09 -0.10 -38.50	28.90 -0.13 -33.16	30.61 -0.28 -40.61
CPV_VALLEY___CC2 323722	38.83 0.92 -0.61	35.42 0.80 -1.61	35.44 0.80 -1.17	31.66 0.65 -1.43	31.23 0.62 -2.65	36.97 0.55 -11.05	33.87 0.70 -1.10	29.85 0.34 -15.05	27.38 0.35 -13.25	27.31 0.65 -2.31	29.64 0.73 -2.75	32.30 0.73 -7.30	33.81 0.70 -9.25	35.28 0.59 -14.74	37.77 0.62 -14.51	42.31 0.79 -10.96	41.22 0.89 -8.32	43.84 -0.43 -59.20	41.15 -0.33 -52.54	49.92 -0.37 -61.90	43.42 0.24 -35.61	35.09 -0.10 -38.50	28.90 -0.13 -33.16	30.61 -0.28 -40.61
CRESCENT___HYD 24018	39.64 1.51 -0.84	36.55 1.33 -2.22	36.44 1.36 -1.61	32.75 1.20 -1.97	32.77 1.15 -3.66	41.66 1.02 -15.26	34.90 1.31 -1.52	35.83 0.59 -20.78	32.61 0.54 -18.30	28.50 0.96 -3.19	30.99 1.03 -3.80	35.33 0.98 -10.08	37.60 0.96 -12.78	41.09 0.78 -20.35	43.57 0.90 -20.04	46.80 1.11 -15.13	44.62 1.12 -11.48	66.27 -0.53 -81.73	61.09 -0.38 -72.54	73.44 -0.40 -85.46	56.99 0.26 -49.16	49.75 -0.11 -53.15	41.52 -0.13 -45.78	46.02 -0.33 -56.07
CRICKET___VALLEY_CC1 323756	39.41 1.39 -0.72	36.20 1.28 -1.91	36.15 1.29 -1.38	32.34 1.06 -1.70	32.14 1.03 -3.15	39.41 0.92 -13.12	34.52 1.16 -1.31	32.84 0.52 -17.86	30.03 0.52 -15.73	28.10 1.01 -2.74	30.56 1.14 -3.27	34.05 1.11 -8.67	35.89 1.04 -10.99	38.29 0.83 -17.50	40.76 0.91 -17.23	44.73 1.16 -13.01	43.10 1.21 -9.87	54.75 -0.58 -70.26	50.87 -0.44 -62.36	61.39 -0.46 -73.47	50.14 0.30 -42.27	42.27 -0.13 -45.70	35.07 -0.17 -39.36	38.11 -0.38 -48.21
CRICKET___VALLEY_CC2 323757	39.41 1.39 -0.72	36.20 1.28 -1.91	36.15 1.29 -1.38	32.34 1.06 -1.70	32.14 1.03 -3.15	39.41 0.92 -13.12	34.52 1.16 -1.31	32.84 0.52 -17.86	30.03 0.52 -15.73	28.10 1.01 -2.74	30.56 1.14 -3.27	34.05 1.11 -8.67	35.89 1.04 -10.99	38.29 0.83 -17.50	40.76 0.91 -17.23	44.73 1.16 -13.01	43.10 1.21 -9.87	54.75 -0.58 -70.26	50.87 -0.44 -62.36	61.39 -0.46 -73.47	50.14 0.30 -42.27	42.27 -0.13 -45.70	35.07 -0.17 -39.36	38.11 -0.38 -48.21
CRICKET___VALLEY_CC3 323758	39.41 1.39 -0.72	36.20 1.28 -1.91	36.15 1.29 -1.38	32.34 1.06 -1.70	32.14 1.03 -3.15	39.41 0.92 -13.12	34.52 1.16 -1.31	32.84 0.52 -17.86	30.03 0.52 -15.73	28.10 1.01 -2.74	30.56 1.14 -3.27	34.05 1.11 -8.67	35.89 1.04 -10.99	38.29 0.83 -17.50	40.76 0.91 -17.23	44.73 1.16 -13.01	43.10 1.21 -9.87	54.75 -0.58 -70.26	50.87 -0.44 -62.36	61.39 -0.46 -73.47	50.14 0.30 -42.27	42.27 -0.13 -45.70	35.07 -0.17 -39.36	38.11 -0.38 -48.21
CRUCIBLE_METL_DRP 24180	37.31 -0.13 -0.14	33.27 -0.12 -0.37	33.61 -0.13 -0.27	29.77 -0.15 -0.33	28.46 -0.11 -0.62	27.84 -0.10 -2.57	32.22 -0.10 -0.25	17.91 -0.05 -3.49	16.81 -0.05 -3.08	24.79 -0.09 -0.54	26.67 -0.12 -0.64	25.87 -0.10 -1.70	25.89 -0.12 -2.15	23.28 -0.10 -3.42	25.89 -0.11 -3.37	33.05 -0.05 -2.55	33.98 0.03 -1.93	-1.23 -0.04 -13.74	1.08 -0.06 -12.20	2.69 -0.07 -14.37	15.88 0.04 -8.27	5.62 -0.02 -8.94	3.56 -0.01 -7.70	-0.32 -0.04 -9.43
DAHOWA___HYDRO 323763	40.37 2.22 -0.85	37.18 1.92 -2.25	37.11 2.00 -1.63	33.36 1.78 -2.00	33.38 1.71 -3.71	42.41 1.56 -15.48	35.60 2.00 -1.54	36.45 0.91 -21.07	33.15 0.81 -18.56	28.97 1.39 -3.24	31.45 1.44 -3.86	35.95 1.45 -10.22	38.22 1.40 -12.96	41.67 1.07 -20.64	44.11 1.16 -20.32	47.31 1.41 -15.35	45.15 1.49 -11.64	67.25 -0.71 -82.88	62.00 -0.51 -73.57	74.53 -0.52 -86.67	57.76 0.32 -49.86	50.48 -0.13 -53.91	42.14 -0.16 -46.43	46.63 -0.52 -56.87
DANC___LFGE 323619	36.98 -0.42 -0.10	32.77 -0.51 -0.27	33.35 -0.32 -0.19	29.59 -0.23 -0.24	28.23 -0.17 -0.44	27.07 -0.14 -1.84	32.04 -0.20 -0.18	16.86 -0.10 -2.50	15.84 -0.14 -2.21	24.36 -0.37 -0.39	26.10 -0.52 -0.46	24.86 -0.62 -1.21	24.86 -0.54 -1.54	21.98 -0.43 -2.45	24.56 -0.48 -2.42	31.51 -0.87 -1.82	32.58 -0.82 -1.38	-4.63 0.45 -9.85	-1.93 0.39 -8.74	-0.90 0.42 -10.30	13.22 -0.27 -5.92	3.17 0.07 -6.40	1.53 0.14 -5.52	-2.60 0.36 -6.76
DANSKAMMER___1 23586	39.80 1.81 -0.69	36.43 1.59 -1.83	36.40 1.60 -1.33	32.55 1.34 -1.63	32.26 1.28 -3.02	39.12 1.16 -12.59	34.80 1.48 -1.25	32.29 0.69 -17.14	29.56 0.68 -15.09	28.24 1.27 -2.63	30.70 1.41 -3.14	33.95 1.36 -8.31	35.72 1.32 -10.54	37.83 1.08 -16.79	40.35 1.19 -16.53	44.62 1.58 -12.48	43.20 1.72 -9.47	51.67 -0.82 -67.42	48.16 -0.61 -59.84	58.23 -0.66 -70.49	48.55 0.43 -40.56	40.36 -0.18 -43.85	33.42 -0.23 -37.76	36.05 -0.49 -46.25
DANSKAMMER___2 23589	39.80 1.81 -0.69	36.43 1.59 -1.83	36.40 1.60 -1.33	32.55 1.34 -1.63	32.26 1.28 -3.02	39.12 1.16 -12.59	34.80 1.48 -1.25	32.29 0.69 -17.14	29.56 0.68 -15.09	28.24 1.27 -2.63	30.70 1.41 -3.14	33.95 1.36 -8.31	35.72 1.32 -10.54	37.83 1.08 -16.79	40.35 1.19 -16.53	44.62 1.58 -12.48	43.20 1.72 -9.47	51.67 -0.82 -67.42	48.16 -0.61 -59.84	58.23 -0.66 -70.49	48.55 0.43 -40.56	40.36 -0.18 -43.85	33.42 -0.23 -37.76	36.05 -0.49 -46.25
DANSKAMMER___3 23590	39.80 1.81 -0.69	36.43 1.59 -1.83	36.40 1.60 -1.33	32.55 1.34 -1.63	32.26 1.28 -3.02	39.12 1.16 -12.59	34.80 1.48 -1.25	32.29 0.69 -17.14	29.56 0.68 -15.09	28.24 1.27 -2.63	30.70 1.41 -3.14	33.95 1.36 -8.31	35.72 1.32 -10.54	37.83 1.08 -16.79	40.35 1.19 -16.53	44.62 1.58 -12.48	43.20 1.72 -9.47	51.67 -0.82 -67.42	48.16 -0.61 -59.84	58.23 -0.66 -70.49	48.55 0.43 -40.56	40.36 -0.18 -43.85	33.42 -0.23 -37.76	36.05 -0.49 -46.25
DANSKAMMER___4 23591	39.80 1.81 -0.69	36.43 1.59 -1.83	36.40 1.60 -1.33	32.55 1.34 -1.63	32.26 1.28 -3.02	39.12 1.16 -12.59	34.80 1.48 -1.25	32.29 0.69 -17.14	29.56 0.68 -15.09	28.24 1.27 -2.63	30.70 1.41 -3.14	33.95 1.37 -8.31	35.72 1.32 -10.54	37.83 1.09 -16.79	40.35 1.20 -16.53	44.62 1.58 -12.48	43.20 1.72 -9.47	51.67 -0.82 -67.42	48.16 -0.61 -59.84	58.23 -0.66 -70.49	48.54 0.42 -40.56	40.36 -0.18 -43.85	33.42 -0.23 -37.76	36.05 -0.49 -46.25
DANSKAMMER___DIESEL 23592	39.80 1.81 -0.69	36.43 1.60 -1.83	36.40 1.60 -1.33	32.55 1.34 -1.63	32.26 1.28 -3.02	39.12 1.16 -12.59	34.80 1.48 -1.25	32.29 0.69 -17.14	29.56 0.68 -15.09	28.24 1.27 -2.63	30.70 1.41 -3.14	33.95 1.37 -8.31	35.72 1.32 -10.54	37.83 1.09 -16.79	40.35 1.20 -16.53	44.62 1.58 -12.48	43.20 1.72 -9.47	51.67 -0.82 -67.42	48.16 -0.61 -59.84	58.23 -0.66 -70.49	48.54 0.42 -40.56	40.36 -0.18 -43.85	33.42 -0.23 -37.76	36.05 -0.49 -46.25

DARBY___SOLAR 323810	40.22 2.07 -0.85	37.06 1.80 -2.24	36.98 1.87 -1.63	33.24 1.66 -2.00	33.26 1.59 -3.71	42.27 1.45 -15.45	35.45 1.85 -1.54	36.34 0.84 -21.03	33.05 0.75 -18.52	28.86 1.28 -3.23	31.33 1.33 -3.85	35.81 1.34 -10.20	38.08 1.29 -12.93	41.56 1.01 -20.60	44.01 1.10 -20.28	47.20 1.32 -15.32	45.03 1.40 -11.62	67.13 -0.66 -82.72	61.88 -0.48 -73.42	74.39 -0.49 -86.50	57.64 0.31 -49.76	50.38 -0.12 -53.80	42.05 -0.16 -46.34	46.55 -0.48 -56.75
DASHVILLE___HYD 23610	39.30 1.29 -0.72	36.04 1.14 -1.89	35.99 1.15 -1.38	32.24 0.97 -1.69	31.99 0.90 -3.13	39.25 0.83 -13.04	34.40 1.04 -1.30	32.70 0.48 -17.75	29.90 0.49 -15.63	28.00 0.92 -2.73	30.45 1.05 -3.25	33.91 1.03 -8.61	35.77 0.99 -10.92	38.16 0.81 -17.39	40.63 0.87 -17.12	44.64 1.15 -12.93	43.03 1.21 -9.81	54.33 -0.57 -69.83	50.48 -0.44 -61.98	60.93 -0.47 -73.02	49.87 0.29 -42.01	41.98 -0.14 -45.42	34.82 -0.17 -39.12	37.83 -0.36 -47.91
DEERFIELD_69_KV_DEERFIELD LD 355887	73.02 4.44 -31.29	54.16 3.91 -17.24	54.24 3.94 -16.83	34.43 3.24 -1.62	34.02 3.06 -3.00	65.66 2.95 -37.34	53.96 3.76 -18.13	71.97 1.73 -55.77	37.90 1.65 -22.47	34.59 2.92 -7.32	34.31 3.15 -5.00	39.29 2.97 -12.04	38.24 2.76 -11.61	39.05 2.32 -16.77	42.46 2.62 -17.22	46.51 3.53 -12.41	64.22 3.96 -28.24	50.25 -1.85 -67.03	47.02 -1.41 -59.50	57.00 -1.48 -70.09	48.91 1.01 -40.33	39.91 -0.39 -43.60	32.95 -0.48 -37.55	35.26 -1.01 -45.99
DELAWARE___LFGE 323621	38.64 0.98 -0.36	34.82 0.86 -0.95	35.05 0.88 -0.69	31.19 0.77 -0.85	30.22 0.69 -1.57	32.56 0.65 -6.54	33.49 0.78 -0.65	23.72 0.35 -8.90	21.96 0.34 -7.84	26.32 0.61 -1.37	28.47 0.68 -1.63	29.24 0.65 -4.32	29.92 0.58 -5.48	29.15 0.47 -8.72	31.72 0.50 -8.59	37.76 0.72 -6.48	37.70 0.77 -4.92	19.73 -0.36 -35.02	19.74 -0.29 -31.08	24.69 -0.31 -36.62	28.85 0.21 -21.07	19.38 -0.10 -22.78	15.37 -0.12 -19.62	14.04 -0.27 -24.03
DERFIELD_115KV_TB7 355931	37.37 0.05 -0.02	33.11 0.04 -0.06	33.57 0.06 -0.04	29.70 0.07 -0.05	28.11 0.06 -0.09	25.82 0.05 -0.40	32.17 0.07 -0.04	15.04 0.03 -0.54	14.28 0.03 -0.48	24.47 0.04 -0.08	26.29 0.04 -0.10	24.56 0.02 -0.26	24.23 0.03 -0.33	20.51 0.02 -0.53	23.19 0.04 -0.52	30.98 0.03 -0.40	32.31 0.00 -0.30	-12.78 0.02 -2.13	-9.13 0.04 -1.89	-9.34 0.05 -2.23	8.81 -0.04 -1.28	-1.90 0.01 -1.38	-2.92 0.02 -1.19	-8.22 0.03 -1.46
DOGLEVILLE___HYD 23807	38.13 0.81 -0.02	33.78 0.71 -0.06	34.17 0.65 -0.04	30.20 0.57 -0.05	28.60 0.54 -0.09	26.24 0.47 -0.40	32.70 0.60 -0.04	15.32 0.32 -0.54	14.46 0.21 -0.48	24.75 0.32 -0.08	26.61 0.36 -0.10	24.92 0.38 -0.26	24.61 0.41 -0.33	20.87 0.39 -0.53	23.59 0.44 -0.52	31.30 0.35 -0.40	32.95 0.64 -0.30	-13.13 -0.33 -2.13	-9.39 -0.22 -1.89	-9.66 -0.27 -2.23	8.91 0.06 -1.28	-1.97 -0.05 -1.38	-2.98 -0.05 -1.19	-8.35 -0.09 -1.46
DUNKIRK___115KV_TB_200 55889	36.79 -0.70 -0.19	32.93 -0.59 -0.50	33.18 -0.66 -0.37	29.34 -0.69 -0.45	28.22 -0.57 -0.83	28.27 -0.57 -3.47	31.74 -0.67 -0.34	18.68 -0.51 -4.72	17.44 -0.50 -4.16	24.23 -0.84 -0.73	26.12 -0.90 -0.87	25.73 -0.83 -2.29	25.83 -0.94 -2.91	23.89 -0.70 -4.63	26.37 -0.82 -4.56	32.82 -1.14 -3.40	33.50 -1.09 -2.57	4.06 0.40 -18.59	5.65 0.21 -16.50	8.03 0.20 -19.44	18.66 -0.09 -11.18	8.84 0.06 -12.09	6.35 0.07 -10.41	3.02 -0.01 -12.75
DUNKIRK___1 23563	36.79 -0.70 -0.19	32.93 -0.59 -0.50	33.18 -0.66 -0.37	29.34 -0.69 -0.45	28.22 -0.57 -0.83	28.27 -0.57 -3.47	31.74 -0.67 -0.34	18.68 -0.51 -4.72	17.44 -0.50 -4.16	24.23 -0.84 -0.73	26.12 -0.90 -0.87	25.73 -0.83 -2.29	25.83 -0.94 -2.91	23.89 -0.70 -4.63	26.37 -0.82 -4.56	32.82 -1.14 -3.40	33.50 -1.09 -2.57	4.06 0.40 -18.59	5.65 0.21 -16.50	8.03 0.20 -19.44	18.66 -0.09 -11.18	8.84 0.06 -12.09	6.35 0.07 -10.41	3.02 -0.01 -12.75
DUNKIRK___2 23564	36.79 -0.70 -0.19	32.93 -0.59 -0.50	33.18 -0.66 -0.37	29.34 -0.69 -0.45	28.22 -0.57 -0.83	28.27 -0.57 -3.47	31.74 -0.67 -0.34	18.68 -0.51 -4.72	17.44 -0.50 -4.16	24.23 -0.84 -0.73	26.12 -0.90 -0.87	25.73 -0.83 -2.29	25.83 -0.94 -2.91	23.89 -0.70 -4.63	26.37 -0.82 -4.56	32.82 -1.14 -3.40	33.50 -1.09 -2.57	4.06 0.40 -18.59	5.65 0.21 -16.50	8.03 0.20 -19.44	18.66 -0.09 -11.18	8.84 0.06 -12.09	6.35 0.07 -10.41	3.02 -0.01 -12.75
DUNKIRK___3 23565	36.74 -0.75 -0.19	32.89 -0.63 -0.50	33.17 -0.67 -0.37	29.31 -0.72 -0.45	28.18 -0.61 -0.83	28.24 -0.61 -3.48	31.70 -0.71 -0.35	18.68 -0.52 -4.73	17.43 -0.52 -4.17	24.21 -0.87 -0.73	26.07 -0.95 -0.87	25.69 -0.88 -2.30	25.77 -1.01 -2.91	23.82 -0.77 -4.64	26.28 -0.92 -4.57	32.72 -1.24 -3.41	33.40 -1.20 -2.58	4.16 0.46 -18.62	5.72 0.25 -16.53	8.09 0.23 -19.48	18.68 -0.10 -11.21	8.87 0.06 -12.11	6.38 0.07 -10.44	3.06 0.00 -12.78
DUNKIRK___4 23566	36.79 -0.69 -0.19	32.92 -0.59 -0.50	33.19 -0.64 -0.36	29.34 -0.68 -0.44	28.20 -0.58 -0.82	28.22 -0.59 -3.43	31.72 -0.68 -0.34	18.61 -0.52 -4.67	17.39 -0.51 -4.12	24.21 -0.85 -0.72	26.08 -0.93 -0.86	25.69 -0.85 -2.27	25.77 -0.97 -2.87	23.80 -0.73 -4.58	26.26 -0.88 -4.50	32.72 -1.20 -3.36	33.42 -1.14 -2.54	3.86 0.42 -18.38	5.46 0.21 -16.31	7.80 0.20 -19.22	18.54 -0.08 -11.06	8.71 0.06 -11.95	6.23 0.07 -10.29	2.89 0.00 -12.61
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	39.63 1.64 -0.69	36.27 1.44 -1.82	36.24 1.44 -1.32	32.38 1.19 -1.62	32.08 1.12 -3.00	38.89 1.00 -12.52	34.60 1.29 -1.25	32.12 0.61 -17.03	29.40 0.61 -15.00	28.10 1.14 -2.62	30.55 1.27 -3.12	33.78 1.24 -8.26	35.55 1.21 -10.48	37.65 1.00 -16.69	40.15 1.09 -16.43	44.36 1.39 -12.41	42.95 1.52 -9.41	51.37 -0.72 -67.02	47.87 -0.55 -59.48	57.86 -0.60 -70.08	48.27 0.38 -40.32	40.11 -0.17 -43.59	33.21 -0.21 -37.54	35.81 -0.45 -45.98
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	39.42 1.45 -0.67	36.06 1.27 -1.78	36.05 1.28 -1.29	32.23 1.07 -1.59	31.90 1.01 -2.94	38.53 0.91 -12.25	34.45 1.17 -1.22	31.68 0.55 -16.67	29.01 0.55 -14.68	27.92 1.02 -2.56	30.34 1.13 -3.05	33.47 1.11 -8.09	35.19 1.07 -10.25	37.18 0.89 -16.33	39.68 0.97 -16.08	43.98 1.27 -12.14	42.63 1.40 -9.21	49.99 -0.67 -65.59	46.65 -0.50 -58.21	56.42 -0.55 -68.58	47.38 0.36 -39.46	39.20 -0.15 -42.66	32.42 -0.19 -36.74	34.87 -0.41 -45.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	39.48 1.49 -0.69	36.20 1.37 -1.82	36.11 1.32 -1.32	32.29 1.09 -1.62	31.98 1.02 -3.00	38.80 0.91 -12.52	34.50 1.19 -1.25	32.09 0.59 -17.04	29.39 0.60 -15.01	28.06 1.09 -2.62	30.47 1.20 -3.12	33.72 1.18 -8.26	35.49 1.15 -10.48	37.60 0.95 -16.69	40.09 1.03 -16.43	44.29 1.32 -12.41	42.91 1.48 -9.41	51.42 -0.67 -67.02	47.92 -0.50 -59.48	57.91 -0.56 -70.08	48.23 0.35 -40.32	40.13 -0.16 -43.59	33.22 -0.19 -37.54	35.86 -0.40 -45.98
E179THST_13_KV_LOAD 356214	39.64 1.65 -0.69	36.33 1.50 -1.82	36.25 1.45 -1.32	32.40 1.20 -1.62	32.09 1.13 -3.00	38.90 1.01 -12.52	34.62 1.31 -1.25	32.15 0.65 -17.04	29.44 0.66 -15.01	28.16 1.19 -2.62	30.59 1.31 -3.12	33.82 1.28 -8.26	35.59 1.25 -10.48	37.69 1.05 -16.69	40.20 1.13 -16.43	44.44 1.47 -12.41	43.07 1.64 -9.41	51.34 -0.75 -67.02	47.86 -0.56 -59.48	57.85 -0.61 -70.08	48.27 0.39 -40.32	40.11 -0.17 -43.59	33.20 -0.21 -37.54	35.82 -0.44 -45.98

EAST HAMPTON___GT 23717	73.47 4.89 -31.29	54.48 4.23 -17.24	54.54 4.24 -16.83	34.82 3.62 -1.62	34.32 3.36 -3.00	65.86 3.16 -37.34	54.33 4.13 -18.13	72.14 1.90 -55.77	38.08 1.83 -22.47	34.91 3.23 -7.33	34.61 3.46 -5.00	39.58 3.26 -12.04	38.52 3.04 -11.61	39.28 2.55 -16.77	42.72 2.88 -17.22	46.85 3.88 -12.41	64.63 4.37 -28.24	50.06 -2.04 -67.03	46.89 -1.55 -59.50	56.86 -1.62 -70.09	49.01 1.12 -40.33	39.87 -0.42 -43.60	32.90 -0.52 -37.55	35.17 -1.10 -45.99
EAST RIVER___6 23660	39.51 1.53 -0.69	36.19 1.36 -1.82	36.14 1.34 -1.32	32.31 1.11 -1.62	32.01 1.05 -3.00	38.80 0.92 -12.52	34.51 1.21 -1.25	32.10 0.60 -17.03	29.39 0.61 -15.00	28.11 1.14 -2.62	30.53 1.26 -3.12	33.78 1.25 -8.26	35.56 1.22 -10.48	37.65 1.01 -16.69	40.14 1.08 -16.43	44.32 1.35 -12.41	42.94 1.51 -9.41	51.38 -0.70 -67.01	47.89 -0.53 -59.48	57.89 -0.57 -70.07	48.26 0.38 -40.31	40.12 -0.17 -43.58	33.21 -0.21 -37.54	35.84 -0.42 -45.98
EAST RIVER___7 23524	39.51 1.53 -0.69	36.19 1.36 -1.82	36.14 1.34 -1.32	32.31 1.11 -1.62	32.01 1.05 -3.00	38.80 0.92 -12.52	34.51 1.21 -1.25	32.10 0.60 -17.03	29.39 0.61 -15.00	28.11 1.14 -2.62	30.53 1.26 -3.12	33.78 1.25 -8.26	35.56 1.22 -10.48	37.65 1.01 -16.69	40.14 1.08 -16.43	44.32 1.35 -12.41	42.94 1.51 -9.41	51.38 -0.70 -67.01	47.89 -0.53 -59.48	57.89 -0.57 -70.07	48.26 0.38 -40.31	40.12 -0.17 -43.58	33.21 -0.21 -37.54	35.84 -0.42 -45.98
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	39.55 1.56 -0.69	36.20 1.37 -1.82	36.16 1.38 -1.32	32.32 1.12 -1.62	32.02 1.07 -3.00	38.82 0.95 -12.49	34.54 1.23 -1.24	32.06 0.59 -17.01	29.34 0.58 -14.98	28.05 1.09 -2.61	30.49 1.22 -3.11	33.72 1.19 -8.25	35.48 1.16 -10.46	37.58 0.96 -16.66	40.08 1.04 -16.40	44.28 1.34 -12.39	42.87 1.46 -9.40	51.28 -0.69 -66.90	47.79 -0.53 -59.38	57.77 -0.57 -69.95	48.18 0.37 -40.25	40.05 -0.16 -43.51	33.15 -0.20 -37.48	35.75 -0.44 -45.90
EAST_HAMPTON___DIESEL 23722	73.48 4.90 -31.29	54.49 4.23 -17.24	54.55 4.24 -16.83	34.82 3.62 -1.62	34.32 3.36 -3.00	65.87 3.16 -37.34	54.33 4.14 -18.13	72.14 1.90 -55.77	38.08 1.83 -22.47	34.91 3.24 -7.33	34.62 3.46 -5.00	39.58 3.26 -12.04	38.52 3.04 -11.61	39.28 2.56 -16.77	42.72 2.88 -17.22	46.85 3.88 -12.41	64.63 4.37 -28.24	50.06 -2.04 -67.03	46.89 -1.55 -59.50	56.86 -1.62 -70.09	49.01 1.12 -40.33	39.87 -0.42 -43.60	32.90 -0.52 -37.55	35.17 -1.10 -45.99
EAST_PULASKI___ESR 323781	36.90 -0.51 -0.11	32.79 -0.53 -0.30	33.24 -0.45 -0.22	29.45 -0.40 -0.27	28.11 -0.35 -0.50	27.13 -0.31 -2.07	31.89 -0.38 -0.21	17.10 -0.18 -2.81	16.07 -0.19 -2.48	24.38 -0.40 -0.43	26.17 -0.50 -0.51	25.12 -0.52 -1.37	25.11 -0.49 -1.73	22.34 -0.37 -2.76	24.93 -0.41 -2.71	32.01 -0.59 -2.05	33.02 -0.55 -1.56	-3.61 0.25 -11.07	-1.05 0.19 -9.83	0.16 0.20 -11.58	14.10 -0.13 -6.66	3.94 0.04 -7.20	2.15 0.07 -6.20	-1.94 0.18 -7.59
EAST_RIVER___1 323558	39.52 1.54 -0.69	36.19 1.36 -1.82	36.15 1.36 -1.32	32.31 1.10 -1.62	32.01 1.05 -3.00	38.81 0.92 -12.52	34.52 1.21 -1.25	32.10 0.60 -17.03	29.39 0.60 -15.00	28.09 1.12 -2.62	30.52 1.24 -3.12	33.76 1.23 -8.26	35.54 1.20 -10.48	37.64 0.99 -16.69	40.13 1.07 -16.43	44.30 1.33 -12.41	42.92 1.49 -9.41	51.39 -0.70 -67.01	47.89 -0.52 -59.48	57.88 -0.57 -70.07	48.25 0.37 -40.31	40.12 -0.17 -43.58	33.21 -0.20 -37.54	35.83 -0.43 -45.98
EAST_RIVER___2 323559	39.51 1.53 -0.69	36.19 1.36 -1.82	36.14 1.34 -1.32	32.31 1.11 -1.62	32.01 1.05 -3.00	38.80 0.92 -12.52	34.51 1.21 -1.25	32.10 0.60 -17.03	29.39 0.61 -15.00	28.11 1.14 -2.62	30.53 1.26 -3.12	33.78 1.25 -8.26	35.56 1.22 -10.48	37.65 1.01 -16.69	40.14 1.08 -16.43	44.32 1.35 -12.41	42.94 1.51 -9.41	51.38 -0.70 -67.01	47.89 -0.53 -59.48	57.89 -0.57 -70.07	48.26 0.38 -40.31	40.12 -0.17 -43.58	33.21 -0.21 -37.54	35.84 -0.42 -45.98
EAST___DELAWARE_HYD 23607	39.01 1.08 -0.64	35.62 0.93 -1.67	35.61 0.92 -1.22	31.81 0.74 -1.49	31.43 0.70 -2.77	37.56 0.65 -11.54	34.07 0.86 -1.15	30.58 0.42 -15.70	28.04 0.43 -13.83	27.54 0.78 -2.41	29.91 0.88 -2.87	32.76 0.87 -7.62	34.38 0.86 -9.66	36.06 0.72 -15.39	38.51 0.73 -15.15	43.05 1.05 -11.44	41.90 1.21 -8.68	46.27 -0.58 -61.78	43.33 -0.45 -54.83	52.50 -0.48 -64.60	45.04 0.31 -37.17	36.75 -0.13 -40.18	30.33 -0.16 -34.61	32.35 -0.32 -42.38
EIGHT_POINT___WT_PWR 323820	36.52 -1.00 -0.22	32.79 -0.80 -0.57	32.83 -1.06 -0.42	29.14 -0.94 -0.51	28.08 -0.83 -0.95	28.63 -0.69 -3.95	31.71 -0.75 -0.39	19.27 -0.57 -5.38	17.94 -0.58 -4.74	24.24 -0.93 -0.82	26.06 -1.08 -0.98	25.89 -1.00 -2.61	26.08 -1.09 -3.31	24.29 -0.94 -5.27	26.59 -1.23 -5.19	32.82 -1.65 -3.90	33.13 -1.84 -2.96	7.12 0.89 -21.16	8.27 0.55 -18.78	11.09 0.58 -22.12	19.91 -0.39 -12.73	10.62 0.17 -13.76	7.90 0.17 -11.85	5.11 0.31 -14.52
ELBRIDGE_115KV_TB2 80188	37.13 -0.31 -0.15	33.15 -0.24 -0.38	33.48 -0.27 -0.28	29.65 -0.27 -0.34	28.37 -0.22 -0.63	27.81 -0.21 -2.65	32.10 -0.23 -0.26	17.95 -0.12 -3.60	16.84 -0.11 -3.17	24.70 -0.20 -0.55	26.56 -0.25 -0.66	25.81 -0.21 -1.75	25.84 -0.24 -2.22	23.26 -0.22 -3.53	25.86 -0.24 -3.48	32.98 -0.20 -2.63	33.88 -0.13 -1.99	-0.72 0.03 -14.17	1.52 0.00 -12.58	3.19 -0.02 -14.82	16.12 0.02 -8.53	5.92 0.00 -9.22	3.82 0.01 -7.94	0.00 0.00 -9.72
ELEC_TRO_TEK 24086	62.90 2.37 -23.24	47.88 2.12 -12.76	47.95 2.15 -12.32	32.90 1.68 -1.63	32.57 1.60 -3.02	54.32 1.57 -27.38	53.94 1.97 -19.91	59.90 0.91 -44.52	42.74 0.89 -28.06	39.65 1.63 -13.68	40.09 1.85 -12.09	45.96 1.75 -19.93	46.47 1.64 -20.96	38.60 1.33 -17.31	41.25 1.47 -17.15	44.86 1.89 -12.41	56.87 2.07 -22.78	51.14 -0.97 -67.03	47.68 -0.75 -59.50	57.68 -0.80 -70.09	48.40 0.50 -40.33	40.07 -0.22 -43.60	33.15 -0.28 -37.55	35.69 -0.58 -45.99
ELLENBURG_WT_PWR 323604	36.86 -0.46 -0.03	33.16 0.08 -0.07	33.64 0.12 -0.05	29.87 0.22 -0.07	28.44 0.36 -0.12	26.28 0.40 -0.51	32.49 0.38 -0.05	15.34 0.18 -0.69	14.63 0.24 -0.61	24.81 0.36 -0.11	26.58 0.30 -0.13	24.65 0.04 -0.34	24.73 0.44 -0.43	20.91 0.28 -0.68	24.01 0.71 -0.67	32.17 1.11 -0.51	32.98 0.59 -0.38	-11.98 0.21 -2.73	-7.79 0.84 -2.43	-7.76 1.00 -2.86	8.43 -0.78 -1.64	-1.18 0.34 -1.78	-2.25 0.34 -1.53	-7.05 0.79 -1.87
ELM_ST_23_KV_LD_REV_LBMP_A 345012	36.58 -0.90 -0.18	32.71 -0.79 -0.49	33.05 -0.78 -0.35	29.22 -0.80 -0.43	28.05 -0.72 -0.81	28.00 -0.73 -3.36	31.53 -0.87 -0.33	18.42 -0.62 -4.57	17.23 -0.57 -4.03	24.08 -0.97 -0.70	25.90 -1.10 -0.84	25.51 -0.99 -2.22	25.58 -1.10 -2.81	23.56 -0.87 -4.48	25.99 -1.05 -4.41	32.42 -1.43 -3.28	33.12 -1.38 -2.48	3.54 0.49 -17.98	5.11 0.20 -15.96	7.40 0.21 -18.81	18.29 -0.09 -10.82	8.45 0.06 -11.70	6.02 0.07 -10.08	2.68 0.06 -12.34
EMPIRE_CC_1 323656	39.11 1.01 -0.80	36.04 0.91 -2.12	35.93 0.92 -1.54	32.28 0.82 -1.89	32.24 0.78 -3.50	40.64 0.67 -14.59	34.38 0.87 -1.45	34.67 0.34 -19.86	31.59 0.32 -17.49	27.99 0.60 -3.05	30.41 0.62 -3.63	34.47 0.56 -9.63	36.62 0.55 -12.21	39.87 0.46 -19.45	42.30 0.52 -19.15	45.60 0.58 -14.46	43.53 0.54 -10.97	62.93 -0.26 -78.12	58.08 -0.19 -69.33	69.88 -0.19 -81.68	54.70 0.14 -46.99	47.45 -0.06 -50.81	39.56 -0.07 -43.76	43.72 -0.16 -53.60

EMPIRE_CC_2 323658	39.11 1.01 -0.80	36.04 0.91 -2.12	35.93 0.92 -1.54	32.28 0.82 -1.89	32.24 0.78 -3.50	40.64 0.67 -14.59	34.38 0.87 -1.45	34.67 0.34 -19.86	31.59 0.32 -17.49	27.99 0.60 -3.05	30.41 0.62 -3.63	34.47 0.56 -9.63	36.62 0.55 -12.21	39.87 0.46 -19.45	42.30 0.52 -19.15	45.60 0.58 -14.46	43.53 0.54 -10.97	62.93 -0.26 -78.12	58.08 -0.19 -69.33	69.88 -0.19 -81.68	54.70 0.14 -46.99	47.45 -0.06 -50.81	39.56 -0.07 -43.76	43.72 -0.16 -53.60
ENORWICH_115KV_TB1 80156	39.84 2.26 -0.28	35.88 2.12 -0.75	36.18 2.16 -0.54	31.86 1.61 -0.66	30.67 1.47 -1.23	31.86 1.34 -5.14	34.22 1.65 -0.51	22.19 0.73 -7.00	20.65 0.71 -6.16	26.53 1.11 -1.07	28.73 1.29 -1.28	28.88 1.21 -3.39	29.03 0.86 -4.30	27.50 0.69 -6.86	30.15 0.77 -6.75	36.98 1.33 -5.09	37.83 1.95 -3.86	11.71 -0.89 -27.53	12.71 -0.66 -24.43	16.47 -0.70 -28.78	24.64 0.51 -16.56	14.38 -0.22 -17.90	11.01 -0.29 -15.42	8.66 -0.51 -18.89
ERIE_ST__34_KV_TB1-2 80199	36.82 -0.66 -0.19	32.90 -0.61 -0.50	33.25 -0.58 -0.36	29.38 -0.64 -0.44	28.19 -0.59 -0.82	28.19 -0.60 -3.41	31.72 -0.68 -0.34	18.58 -0.53 -4.65	17.37 -0.51 -4.10	24.23 -0.83 -0.71	26.05 -0.96 -0.85	25.64 -0.89 -2.26	25.72 -1.00 -2.86	23.71 -0.79 -4.55	26.16 -0.96 -4.48	32.64 -1.26 -3.34	33.40 -1.14 -2.53	3.76 0.40 -18.28	5.31 0.14 -16.23	7.66 0.15 -19.12	18.53 -0.04 -11.00	8.63 0.04 -11.89	6.17 0.05 -10.24	2.85 0.02 -12.54
ERIE_WT_PWR 323693	36.72 -0.77 -0.19	32.83 -0.68 -0.49	33.16 -0.67 -0.36	29.33 -0.69 -0.44	28.15 -0.63 -0.81	28.14 -0.62 -3.39	31.66 -0.74 -0.34	18.54 -0.55 -4.62	17.33 -0.52 -4.07	24.18 -0.88 -0.71	26.02 -0.98 -0.85	25.62 -0.89 -2.24	25.71 -1.00 -2.84	23.70 -0.78 -4.53	26.14 -0.95 -4.46	32.59 -1.29 -3.32	33.28 -1.25 -2.51	3.67 0.42 -18.18	5.24 0.16 -16.14	7.56 0.17 -19.01	18.40 -0.11 -10.94	8.58 0.05 -11.82	6.13 0.06 -10.18	2.80 0.05 -12.47
ESPRGFLD_115KV_TB1 80157	38.88 1.61 0.03	34.34 1.39 0.07	34.88 1.46 0.05	30.77 1.25 0.06	28.97 1.13 0.11	25.96 1.06 0.47	33.32 1.30 0.05	14.41 0.58 0.64	13.78 0.56 0.56	25.15 0.91 0.10	27.03 0.99 0.12	24.91 0.94 0.31	24.36 0.89 0.39	20.04 0.71 0.63	22.81 0.79 0.61	31.30 1.21 0.47	32.99 1.32 0.35	-18.04 -0.61 2.51	-13.74 -0.45 2.23	-14.71 -0.47 2.62	6.40 0.34 1.51	-5.08 -0.14 1.63	-5.71 -0.18 1.41	-11.82 -0.38 1.72
ETNA_115_KV_TB1_REV_LBMP_C 345029	38.18 0.66 -0.22	34.22 0.61 -0.59	34.50 0.59 -0.43	30.57 0.46 -0.53	29.40 0.46 -0.98	29.88 0.43 -4.08	33.05 0.58 -0.41	20.27 0.25 -5.55	18.90 0.23 -4.89	25.54 0.34 -0.85	27.47 0.30 -1.02	27.26 0.29 -2.69	27.45 0.17 -3.41	25.53 0.14 -5.44	28.16 0.17 -5.35	35.07 0.47 -4.04	35.76 0.68 -3.06	6.56 -0.34 -21.83	8.03 -0.29 -19.38	10.91 -0.31 -22.83	20.91 0.21 -13.13	10.82 -0.08 -14.20	8.01 -0.10 -12.23	5.04 -0.22 -14.98
ETNA_____115KV_TB2 80207	38.18 0.66 -0.22	34.22 0.61 -0.59	34.50 0.59 -0.43	30.57 0.46 -0.53	29.40 0.46 -0.98	29.88 0.43 -4.08	33.05 0.58 -0.41	20.27 0.25 -5.55	18.90 0.23 -4.89	25.54 0.34 -0.85	27.47 0.30 -1.02	27.26 0.29 -2.69	27.45 0.17 -3.41	25.53 0.14 -5.44	28.16 0.17 -5.35	35.07 0.47 -4.04	35.76 0.68 -3.06	6.56 -0.34 -21.83	8.03 -0.29 -19.38	10.91 -0.31 -22.83	20.91 0.21 -13.13	10.82 -0.08 -14.20	8.01 -0.10 -12.23	5.04 -0.22 -14.98
EUCLID__115KV_TB2 356179	36.92 -0.51 -0.13	32.89 -0.47 -0.35	33.24 -0.48 -0.25	29.44 -0.46 -0.31	28.12 -0.41 -0.57	27.38 -0.37 -2.38	31.85 -0.45 -0.24	17.49 -0.21 -3.23	16.42 -0.20 -2.85	24.48 -0.37 -0.50	26.33 -0.41 -0.59	25.48 -0.36 -1.57	25.47 -0.38 -1.99	22.81 -0.30 -3.16	25.38 -0.36 -3.12	32.49 -0.42 -2.35	33.44 -0.36 -1.79	-2.09 0.13 -12.71	0.28 0.06 -11.28	1.74 0.07 -13.29	15.17 -0.04 -7.65	4.99 0.02 -8.27	3.03 0.03 -7.12	-0.93 0.07 -8.72
E_CANADA_CAP_HY 24051	40.31 1.96 -1.05	37.46 1.67 -2.78	37.25 1.76 -2.02	33.59 1.54 -2.47	33.97 1.43 -4.59	45.81 1.32 -19.12	35.62 1.65 -1.90	41.23 0.74 -26.03	37.40 0.70 -22.92	29.43 1.09 -4.00	32.07 1.16 -4.76	37.98 1.08 -12.63	40.99 1.12 -16.00	46.34 0.89 -25.50	48.78 1.05 -25.10	51.03 1.52 -18.96	48.02 1.62 -14.38	86.73 -0.73 -102.38	79.29 -0.52 -90.87	94.90 -0.55 -107.05	69.55 0.39 -61.59	63.13 -0.16 -66.59	53.03 -0.20 -57.35	60.11 -0.42 -70.24
E_CANADA_MHWK_HY 24050	38.13 0.81 -0.02	33.78 0.71 -0.06	34.17 0.65 -0.04	30.20 0.57 -0.05	28.60 0.54 -0.09	26.24 0.47 -0.40	32.70 0.60 -0.04	15.32 0.32 -0.54	14.46 0.21 -0.48	24.75 0.32 -0.08	26.61 0.36 -0.10	24.92 0.38 -0.26	24.61 0.41 -0.33	20.87 0.39 -0.53	23.59 0.44 -0.52	31.30 0.35 -0.40	32.95 0.64 -0.30	-13.13 -0.33 -2.13	-9.39 -0.22 -1.89	-9.66 -0.27 -2.23	8.91 0.06 -1.28	-1.97 -0.05 -1.38	-2.98 -0.05 -1.19	-8.35 -0.09 -1.46
E_FISHKILL__LBMP 23776	39.42 1.42 -0.70	36.13 1.27 -1.85	36.08 1.27 -1.34	32.27 1.04 -1.65	32.01 1.00 -3.05	38.99 0.89 -12.72	34.47 1.15 -1.27	32.32 0.53 -17.32	29.57 0.53 -15.25	28.01 1.00 -2.66	30.45 1.13 -3.17	33.77 1.10 -8.40	35.57 1.05 -10.65	37.79 0.87 -16.97	40.28 0.95 -16.71	44.38 1.20 -12.62	42.88 1.30 -9.57	52.60 -0.62 -68.14	48.95 -0.47 -60.48	59.13 -0.51 -71.25	48.88 0.32 -40.99	40.87 -0.14 -44.32	33.87 -0.18 -38.17	36.64 -0.39 -46.75
FALCON__SEABRD_CC1 323796	37.37 0.05 -0.03	33.62 0.53 -0.07	34.10 0.57 -0.05	30.26 0.62 -0.07	28.84 0.76 -0.12	26.65 0.76 -0.51	32.95 0.84 -0.05	15.55 0.39 -0.70	14.83 0.44 -0.62	25.16 0.70 -0.11	26.93 0.64 -0.13	24.99 0.38 -0.34	25.04 0.74 -0.43	21.18 0.54 -0.68	24.33 1.03 -0.67	32.59 1.52 -0.51	33.47 1.06 -0.38	-12.20 -0.02 -2.74	-7.96 0.66 -2.44	-7.93 0.81 -2.87	8.55 -0.67 -1.65	-1.23 0.29 -1.79	-2.29 0.29 -1.54	-7.16 0.67 -1.88
FALCON__SEABRD_CC2 323797	37.37 0.05 -0.03	33.62 0.53 -0.07	34.10 0.57 -0.05	30.26 0.62 -0.07	28.84 0.76 -0.12	26.65 0.76 -0.51	32.95 0.84 -0.05	15.55 0.39 -0.70	14.83 0.44 -0.62	25.16 0.70 -0.11	26.93 0.64 -0.13	24.99 0.38 -0.34	25.04 0.74 -0.43	21.18 0.54 -0.68	24.33 1.03 -0.67	32.59 1.52 -0.51	33.47 1.06 -0.38	-12.20 -0.02 -2.74	-7.96 0.66 -2.44	-7.93 0.81 -2.87	8.55 -0.67 -1.65	-1.23 0.29 -1.79	-2.29 0.29 -1.54	-7.16 0.67 -1.88
FAR ROCKAWAY__4 23548	68.94 2.94 -28.70	51.30 2.63 -15.66	51.39 2.67 -15.25	33.35 2.11 -1.66	33.00 1.99 -3.05	60.09 1.95 -32.76	64.28 2.46 -29.77	67.41 1.13 -51.82	52.09 1.09 -37.22	48.62 1.99 -22.28	49.27 2.21 -20.90	56.89 2.11 -30.51	57.28 2.00 -31.42	39.48 1.63 -17.90	41.91 1.84 -17.45	45.34 2.37 -12.41	60.83 2.50 -26.32	50.95 -1.15 -67.03	47.54 -0.90 -59.49	57.53 -0.95 -70.09	48.49 0.59 -40.32	40.02 -0.27 -43.60	33.08 -0.34 -37.55	35.55 -0.72 -45.99
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	39.57 1.58 -0.69	36.23 1.40 -1.82	36.19 1.40 -1.32	32.33 1.13 -1.62	32.03 1.07 -3.00	38.83 0.94 -12.52	34.55 1.24 -1.25	32.11 0.61 -17.03	29.40 0.62 -15.00	28.11 1.15 -2.62	30.54 1.27 -3.12	33.79 1.25 -8.26	35.56 1.22 -10.48	37.66 1.02 -16.69	40.15 1.09 -16.43	44.34 1.37 -12.41	42.94 1.51 -9.41	51.37 -0.71 -67.01	47.88 -0.54 -59.48	57.87 -0.59 -70.07	48.26 0.37 -40.32	40.11 -0.17 -43.59	33.21 -0.21 -37.54	35.82 -0.44 -45.98

FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	39.59 1.61 -0.69	36.26 1.43 -1.82	36.20 1.41 -1.32	32.35 1.15 -1.62	32.05 1.09 -3.00	38.84 0.95 -12.52	34.57 1.26 -1.25	32.12 0.62 -17.03	29.41 0.63 -15.00	28.12 1.16 -2.62	30.56 1.29 -3.12	33.80 1.27 -8.26	35.58 1.23 -10.48	37.67 1.03 -16.69	40.17 1.11 -16.43	44.35 1.39 -12.41	42.96 1.53 -9.41	51.37 -0.72 -67.01	47.87 -0.54 -59.48	57.86 -0.60 -70.07	48.26 0.38 -40.32	40.11 -0.17 -43.59	33.20 -0.21 -37.54	35.82 -0.44 -45.98
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	39.55 1.57 -0.69	36.21 1.38 -1.82	36.17 1.38 -1.32	32.32 1.12 -1.62	32.03 1.07 -3.00	38.82 0.93 -12.52	34.53 1.23 -1.25	32.10 0.60 -17.03	29.39 0.61 -15.00	28.09 1.13 -2.62	30.53 1.26 -3.12	33.78 1.24 -8.26	35.55 1.21 -10.48	37.65 1.01 -16.69	40.14 1.08 -16.43	44.32 1.35 -12.41	42.93 1.50 -9.41	51.38 -0.70 -67.01	47.89 -0.53 -59.48	57.88 -0.58 -70.07	48.26 0.37 -40.32	40.12 -0.17 -43.59	33.21 -0.21 -37.54	35.83 -0.43 -45.98
FARRAGUT___LBMP 323566	39.53 1.54 -0.69	36.19 1.36 -1.82	36.15 1.35 -1.32	32.31 1.10 -1.62	32.01 1.05 -3.00	38.80 0.92 -12.52	34.51 1.20 -1.25	32.09 0.59 -17.03	29.38 0.60 -15.00	28.08 1.12 -2.62	30.51 1.24 -3.12	33.76 1.22 -8.26	35.53 1.19 -10.48	37.63 0.99 -16.69	40.13 1.07 -16.43	44.30 1.33 -12.41	42.90 1.47 -9.41	51.40 -0.69 -67.01	47.90 -0.52 -59.48	57.88 -0.57 -70.07	48.25 0.37 -40.32	40.12 -0.17 -43.59	33.21 -0.20 -37.54	35.83 -0.43 -45.98
FENNER___WINDPWR 24204	38.01 0.57 -0.14	33.88 0.50 -0.37	34.29 0.55 -0.27	30.33 0.42 -0.33	28.99 0.42 -0.60	28.27 0.38 -2.52	32.79 0.48 -0.25	18.11 0.22 -3.43	17.01 0.21 -3.02	25.19 0.31 -0.53	27.11 0.33 -0.63	26.19 0.25 -1.66	26.25 0.28 -2.11	23.58 0.26 -3.36	26.20 0.26 -3.31	33.48 0.42 -2.50	34.40 0.49 -1.90	-1.67 -0.23 -13.49	0.75 -0.16 -11.97	2.34 -0.15 -14.10	15.78 0.09 -8.11	5.43 -0.04 -8.77	3.39 -0.05 -7.56	-0.56 -0.09 -9.25
FIBERTEK___ENERGY 23856	37.31 -0.13 -0.14	33.27 -0.12 -0.37	33.61 -0.13 -0.27	29.77 -0.15 -0.33	28.46 -0.11 -0.62	27.84 -0.10 -2.57	32.22 -0.10 -0.25	17.91 -0.05 -3.49	16.81 -0.05 -3.08	24.79 -0.09 -0.54	26.67 -0.12 -0.64	25.87 -0.10 -1.70	25.89 -0.12 -2.15	23.28 -0.10 -3.42	25.89 -0.11 -3.37	33.05 -0.05 -2.55	33.98 0.03 -1.93	-1.23 -0.04 -13.74	1.08 -0.06 -12.20	2.69 -0.07 -14.37	15.88 0.04 -8.27	5.62 -0.02 -8.94	3.56 -0.01 -7.70	-0.32 -0.04 -9.43
FITZPATRICK____ 23598	36.40 -1.00 -0.10	32.39 -0.90 -0.27	32.77 -0.91 -0.20	29.00 -0.82 -0.24	27.64 -0.77 -0.45	26.56 -0.69 -1.88	31.38 -0.87 -0.19	16.63 -0.39 -2.56	15.65 -0.37 -2.25	24.06 -0.68 -0.39	25.89 -0.74 -0.47	24.84 -0.68 -1.24	24.76 -0.56 -1.57	21.90 -0.64 -2.50	24.46 -0.79 -2.46	31.63 -0.79 -1.86	32.64 -0.78 -1.41	-4.54 0.34 -10.05	-1.91 0.23 -8.92	-0.86 0.24 -10.51	13.45 -0.16 -6.05	3.31 0.07 -6.54	1.60 0.09 -5.63	-2.62 0.21 -6.90
FLOWRFLD_69_KV_BK1 356044	71.74 3.21 -31.23	53.07 2.84 -17.21	53.14 2.87 -16.80	33.48 2.29 -1.62	33.11 2.15 -3.00	64.76 2.12 -37.27	52.87 2.66 -18.14	71.39 1.23 -55.69	37.47 1.19 -22.51	33.86 2.14 -7.37	33.57 2.36 -5.05	38.62 2.25 -12.10	37.64 2.10 -11.68	38.47 1.74 -16.77	41.81 1.96 -17.22	45.57 2.60 -12.41	63.12 2.90 -28.21	50.76 -1.35 -67.03	47.39 -1.05 -59.50	57.38 -1.10 -70.09	48.63 0.74 -40.33	40.00 -0.29 -43.60	33.06 -0.36 -37.55	35.51 -0.75 -45.99
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	39.88 1.89 -0.70	36.51 1.66 -1.83	36.47 1.67 -1.33	32.62 1.41 -1.63	32.32 1.34 -3.03	39.20 1.21 -12.62	34.87 1.55 -1.26	32.36 0.72 -17.18	29.62 0.72 -15.13	28.30 1.32 -2.64	30.77 1.47 -3.14	34.03 1.42 -8.33	35.80 1.37 -10.57	37.92 1.13 -16.83	40.45 1.25 -16.57	44.71 1.64 -12.51	43.29 1.79 -9.49	51.80 -0.85 -67.58	48.28 -0.64 -59.98	58.37 -0.68 -70.66	48.66 0.44 -40.65	40.46 -0.19 -43.95	33.50 -0.24 -37.86	36.14 -0.51 -46.36
FORT ORANGE____ 23900	39.21 1.08 -0.83	36.16 0.97 -2.18	36.03 0.97 -1.58	32.45 0.93 -1.94	32.42 0.87 -3.60	41.10 0.73 -15.00	34.49 0.94 -1.49	35.26 0.38 -20.41	32.07 0.31 -17.98	28.08 0.60 -3.14	30.52 0.63 -3.74	34.66 0.48 -9.90	36.93 0.51 -12.55	40.39 0.44 -20.00	42.86 0.54 -19.69	46.06 0.63 -14.87	43.93 0.63 -11.28	65.09 -0.29 -80.31	60.01 -0.21 -71.28	72.15 -0.21 -83.98	56.02 0.14 -48.31	48.87 -0.06 -52.23	40.79 -0.07 -44.99	45.24 -0.14 -55.10
FORT_DRUM_COGEN 23780	37.31 -0.07 -0.08	32.98 -0.25 -0.22	33.67 0.03 -0.16	29.89 0.12 -0.19	28.49 0.17 -0.36	27.04 0.17 -1.50	32.38 0.17 -0.15	16.57 0.07 -2.04	15.59 0.01 -1.79	24.49 -0.17 -0.31	26.15 -0.37 -0.37	24.66 -0.61 -0.99	24.67 -0.44 -1.25	21.60 -0.35 -2.00	24.25 -0.34 -1.97	31.25 -0.79 -1.48	32.42 -0.72 -1.13	-6.46 0.45 -8.02	-3.48 0.46 -7.12	-2.72 0.51 -8.38	12.05 -0.35 -4.82	2.00 0.08 -5.22	0.54 0.17 -4.49	-3.76 0.45 -5.50
FOX_HILLS___ESR 323835	39.73 1.74 -0.69	36.36 1.53 -1.82	36.30 1.51 -1.32	32.43 1.23 -1.62	32.13 1.17 -3.00	38.92 1.03 -12.52	34.66 1.36 -1.25	32.16 0.65 -17.04	29.45 0.67 -15.01	28.19 1.23 -2.62	30.64 1.37 -3.12	33.87 1.34 -8.26	35.64 1.30 -10.48	37.74 1.09 -16.69	40.24 1.18 -16.43	44.46 1.49 -12.41	43.09 1.66 -9.41	51.31 -0.78 -67.02	47.82 -0.60 -59.48	57.81 -0.66 -70.08	48.31 0.42 -40.32	40.10 -0.19 -43.59	33.18 -0.23 -37.54	35.77 -0.49 -45.98
FPL_FAR_ROCK_GT1 24212	68.92 2.92 -28.70	51.22 2.54 -15.66	51.27 2.55 -15.25	33.42 2.18 -1.66	32.96 1.95 -3.05	59.98 1.85 -32.76	64.22 2.39 -29.77	67.40 1.11 -51.82	52.08 1.08 -37.22	48.60 1.97 -22.28	49.27 2.21 -20.90	56.90 2.12 -30.51	57.27 1.99 -31.42	39.49 1.64 -17.90	41.91 1.84 -17.45	45.35 2.37 -12.41	60.83 2.49 -26.32	50.95 -1.16 -67.03	47.54 -0.90 -59.49	57.52 -0.95 -70.09	48.49 0.59 -40.32	40.02 -0.27 -43.60	33.09 -0.34 -37.55	35.55 -0.72 -45.99
FPL_FAR_ROCK_GT2 23815	68.92 2.92 -28.70	51.22 2.54 -15.66	51.27 2.55 -15.25	33.42 2.18 -1.66	32.96 1.95 -3.05	59.98 1.85 -32.76	64.22 2.39 -29.77	67.40 1.11 -51.82	52.08 1.08 -37.22	48.60 1.97 -22.28	49.27 2.21 -20.90	56.90 2.12 -30.51	57.27 1.99 -31.42	39.49 1.64 -17.90	41.91 1.84 -17.45	45.35 2.37 -12.41	60.83 2.49 -26.32	50.95 -1.16 -67.03	47.54 -0.90 -59.49	57.52 -0.95 -70.09	48.49 0.59 -40.32	40.02 -0.27 -43.60	33.09 -0.34 -37.55	35.55 -0.72 -45.99
FRANKLIN_FALL_HYD 24054	37.37 0.04 -0.03	33.50 0.40 -0.08	33.99 0.46 -0.06	30.18 0.52 -0.07	28.71 0.62 -0.14	26.58 0.64 -0.57	32.80 0.68 -0.06	15.57 0.33 -0.78	14.86 0.39 -0.68	25.09 0.62 -0.12	26.80 0.51 -0.14	24.86 0.21 -0.38	24.97 0.63 -0.48	21.15 0.44 -0.76	24.24 0.86 -0.75	32.42 1.29 -0.57	33.23 0.79 -0.43	-11.80 0.08 -3.05	-7.67 0.69 -2.71	-7.61 0.82 -3.19	8.74 -0.66 -1.84	-1.04 0.27 -1.99	-2.14 0.27 -1.71	-6.98 0.65 -2.09
FREEPORT_EQUS_GT1 23764	67.65 2.68 -27.68	50.55 2.30 -15.23	50.58 2.30 -14.81	33.15 1.94 -1.63	32.73 1.75 -3.02	59.93 1.65 -32.91	55.32 2.17 -21.09	66.21 1.01 -50.74	42.26 0.99 -27.48	38.82 1.81 -12.67	38.97 2.01 -10.81	44.86 1.90 -18.68	44.66 1.80 -18.99	38.62 1.47 -17.19	41.50 1.64 -17.24	44.98 2.01 -12.41	60.00 2.18 -25.80	51.07 -1.03 -67.03	47.62 -0.82 -59.50	57.61 -0.86 -70.09	48.45 0.56 -40.33	40.05 -0.24 -43.60	33.12 -0.31 -37.55	35.63 -0.64 -45.99

FREEPORT___CT2 23818	67.65 2.68 -27.68	50.55 2.30 -15.23	50.58 2.30 -14.81	33.15 1.94 -1.63	32.73 1.75 -3.02	59.93 1.65 -32.91	55.32 2.17 -21.09	66.21 1.01 -50.74	42.26 0.99 -27.48	38.82 1.81 -12.67	38.97 2.01 -10.81	44.86 1.90 -18.68	44.66 1.80 -18.99	38.62 1.47 -17.19	41.50 1.64 -17.24	44.98 2.01 -12.41	60.00 2.18 -25.80	51.07 -1.03 -67.03	47.62 -0.82 -59.50	57.61 -0.86 -70.09	48.45 0.56 -40.33	40.05 -0.24 -43.60	33.12 -0.31 -37.55	35.63 -0.64 -45.99
FRESHKLS_33_KV_LOAD 356253	39.74 1.76 -0.69	36.38 1.55 -1.82	36.33 1.54 -1.32	32.46 1.26 -1.62	32.16 1.20 -3.00	38.94 1.05 -12.52	34.69 1.39 -1.25	32.17 0.67 -17.04	29.46 0.68 -15.01	28.20 1.24 -2.62	30.64 1.37 -3.12	33.88 1.34 -8.26	35.66 1.31 -10.48	37.75 1.11 -16.69	40.26 1.20 -16.43	44.48 1.51 -12.41	43.10 1.67 -9.41	51.30 -0.79 -67.02	47.81 -0.61 -59.48	57.79 -0.67 -70.08	48.32 0.44 -40.32	40.09 -0.19 -43.59	33.18 -0.24 -37.54	35.76 -0.51 -45.98
FULTON COGEN____ 23766	36.83 -0.59 -0.12	32.79 -0.55 -0.33	33.17 -0.54 -0.24	29.36 -0.51 -0.29	28.03 -0.47 -0.54	27.20 -0.42 -2.25	31.77 -0.51 -0.22	17.29 -0.23 -3.06	16.24 -0.22 -2.69	24.40 -0.42 -0.47	26.27 -0.44 -0.56	25.36 -0.40 -1.48	25.34 -0.40 -1.88	22.63 -0.32 -2.99	25.19 -0.39 -2.95	32.33 -0.45 -2.23	33.31 -0.39 -1.69	-2.76 0.15 -12.02	-0.32 0.08 -10.67	1.03 0.08 -12.57	14.75 -0.05 -7.23	4.54 0.02 -7.81	2.65 0.04 -6.73	-1.39 0.09 -8.24
FULTON___LFGE 323630	40.97 2.69 -0.99	37.90 2.27 -2.62	37.72 2.34 -1.90	33.93 2.02 -2.33	34.25 1.97 -4.32	45.24 1.85 -18.02	36.16 2.30 -1.79	40.05 1.05 -24.54	36.18 0.79 -21.61	29.03 0.91 -3.77	31.46 0.81 -4.49	37.23 1.06 -11.90	40.20 1.24 -15.09	45.25 1.26 -24.03	47.95 1.65 -23.66	50.38 1.95 -17.87	48.21 2.63 -13.56	80.41 -1.18 -96.52	73.76 -0.85 -85.67	88.39 -0.92 -100.92	66.20 0.57 -58.06	59.24 -0.24 -62.77	49.66 -0.29 -54.07	55.88 -0.62 -66.22
G.F.CEMENT___DRP 24184	40.65 2.50 -0.86	37.43 2.17 -2.25	37.41 2.30 -1.64	33.62 2.03 -2.01	33.64 1.96 -3.73	42.71 1.81 -15.53	35.92 2.31 -1.55	36.66 1.06 -21.14	33.36 0.95 -18.62	29.21 1.62 -3.25	31.70 1.67 -3.87	36.25 1.71 -10.26	38.52 1.65 -13.00	41.86 1.20 -20.71	44.24 1.22 -20.39	47.33 1.37 -15.40	45.16 1.46 -11.68	67.55 -0.70 -83.17	62.27 -0.50 -73.82	74.86 -0.49 -86.97	57.90 0.30 -50.03	50.68 -0.11 -54.10	42.31 -0.15 -46.59	46.76 -0.59 -57.06
GARDENVILLE___LBMP 24039	36.63 -0.85 -0.19	32.76 -0.75 -0.49	33.09 -0.74 -0.36	29.26 -0.77 -0.44	28.09 -0.69 -0.82	28.08 -0.69 -3.40	31.57 -0.83 -0.34	18.49 -0.59 -4.62	17.29 -0.56 -4.07	24.11 -0.94 -0.71	25.94 -1.06 -0.85	25.55 -0.96 -2.24	25.63 -1.08 -2.84	23.64 -0.85 -4.53	26.06 -1.03 -4.46	32.50 -1.39 -3.32	33.20 -1.33 -2.51	3.74 0.48 -18.19	5.29 0.21 -16.14	7.61 0.21 -19.02	18.41 -0.09 -10.94	8.58 0.06 -11.83	6.14 0.07 -10.19	2.82 0.06 -12.48
GARDNVLA_35_KV_LD 355827	36.76 -0.72 -0.19	32.86 -0.65 -0.49	33.19 -0.64 -0.36	29.34 -0.67 -0.44	28.17 -0.60 -0.81	28.15 -0.61 -3.39	31.68 -0.72 -0.34	18.55 -0.53 -4.62	17.35 -0.50 -4.07	24.21 -0.85 -0.71	26.05 -0.95 -0.85	25.65 -0.86 -2.24	25.73 -0.98 -2.84	23.72 -0.76 -4.53	26.17 -0.92 -4.46	32.63 -1.25 -3.32	33.34 -1.19 -2.51	3.65 0.40 -18.18	5.22 0.15 -16.13	7.54 0.14 -19.01	18.43 -0.07 -10.94	8.57 0.05 -11.82	6.11 0.05 -10.18	2.78 0.02 -12.47
GELCKHM___115KV_LOAD 80723	37.06 -0.37 -0.13	33.03 -0.34 -0.36	33.37 -0.36 -0.26	29.56 -0.34 -0.32	28.24 -0.30 -0.59	27.55 -0.27 -2.45	31.99 -0.32 -0.24	17.65 -0.15 -3.34	16.57 -0.15 -2.94	24.59 -0.27 -0.51	26.46 -0.30 -0.61	25.63 -0.27 -1.62	25.64 -0.28 -2.05	22.99 -0.23 -3.27	25.58 -0.27 -3.22	32.71 -0.28 -2.43	33.65 -0.21 -1.85	-1.72 0.06 -13.14	0.62 0.02 -11.66	2.14 0.02 -13.73	15.46 -0.01 -7.90	5.25 0.01 -8.54	3.25 0.02 -7.36	-0.67 0.03 -9.01
GENERAL___MILLS 23808	36.71 -0.78 -0.19	32.82 -0.69 -0.49	33.15 -0.68 -0.36	29.31 -0.71 -0.44	28.14 -0.64 -0.81	28.12 -0.64 -3.39	31.63 -0.77 -0.34	18.53 -0.56 -4.62	17.32 -0.53 -4.07	24.17 -0.89 -0.71	26.00 -1.00 -0.85	25.60 -0.91 -2.24	25.68 -1.03 -2.84	23.68 -0.80 -4.53	26.12 -0.96 -4.46	32.57 -1.31 -3.32	33.28 -1.25 -2.51	3.69 0.44 -18.18	5.25 0.17 -16.14	7.57 0.17 -19.01	18.42 -0.08 -10.94	8.58 0.05 -11.82	6.12 0.06 -10.18	2.80 0.04 -12.47
GE_PLASTICS___DRP 24183	38.96 0.83 -0.83	35.95 0.76 -2.18	35.82 0.77 -1.58	32.23 0.71 -1.94	32.22 0.66 -3.60	40.97 0.58 -15.02	34.30 0.74 -1.49	35.24 0.32 -20.45	32.10 0.31 -18.01	28.09 0.60 -3.14	30.54 0.65 -3.74	34.73 0.54 -9.92	36.98 0.53 -12.58	40.44 0.45 -20.03	42.88 0.52 -19.72	46.08 0.62 -14.90	43.95 0.63 -11.30	65.24 -0.29 -80.45	60.13 -0.21 -71.40	72.29 -0.22 -84.12	56.11 0.14 -48.40	48.96 -0.06 -52.32	40.86 -0.08 -45.07	45.31 -0.17 -55.20
GILBOA___1 23756	38.83 0.84 -0.69	35.59 0.76 -1.82	35.56 0.76 -1.32	31.96 0.76 -1.62	31.59 0.64 -3.00	38.51 0.63 -12.51	34.01 0.70 -1.24	31.81 0.32 -17.03	29.08 0.30 -15.00	27.53 0.57 -2.61	29.90 0.63 -3.11	33.12 0.59 -8.26	34.90 0.57 -10.47	37.09 0.46 -16.68	39.56 0.51 -16.42	43.60 0.64 -12.40	42.00 0.58 -9.41	51.80 -0.25 -66.97	48.18 -0.20 -59.44	58.19 -0.22 -70.03	48.01 0.15 -40.29	40.18 -0.08 -43.56	33.29 -0.10 -37.52	36.00 -0.23 -45.95
GILBOA___2 23757	38.83 0.84 -0.69	35.59 0.76 -1.82	35.56 0.76 -1.32	31.96 0.76 -1.62	31.59 0.64 -3.00	38.51 0.63 -12.51	34.01 0.70 -1.24	31.81 0.32 -17.03	29.08 0.30 -15.00	27.53 0.57 -2.61	29.90 0.63 -3.11	33.12 0.59 -8.26	34.90 0.57 -10.47	37.09 0.46 -16.68	39.56 0.51 -16.42	43.60 0.64 -12.40	42.00 0.58 -9.41	51.80 -0.25 -66.97	48.18 -0.20 -59.44	58.19 -0.22 -70.03	48.01 0.15 -40.29	40.18 -0.08 -43.56	33.29 -0.10 -37.52	36.00 -0.23 -45.95
GILBOA___3 23758	38.83 0.84 -0.69	35.59 0.76 -1.82	35.56 0.76 -1.32	31.96 0.76 -1.62	31.59 0.64 -3.00	38.51 0.63 -12.51	34.01 0.70 -1.24	31.81 0.32 -17.03	29.08 0.30 -15.00	27.53 0.57 -2.61	29.90 0.63 -3.11	33.12 0.59 -8.26	34.90 0.57 -10.47	37.09 0.46 -16.68	39.56 0.51 -16.42	43.60 0.64 -12.40	42.00 0.58 -9.41	51.80 -0.25 -66.97	48.18 -0.20 -59.44	58.19 -0.22 -70.03	48.01 0.15 -40.29	40.18 -0.08 -43.56	33.29 -0.10 -37.52	36.00 -0.23 -45.95
GILBOA___4 23759	38.83 0.84 -0.69	35.59 0.76 -1.82	35.56 0.76 -1.32	31.96 0.76 -1.62	31.59 0.64 -3.00	38.51 0.63 -12.51	34.01 0.70 -1.24	31.81 0.32 -17.03	29.08 0.30 -15.00	27.53 0.57 -2.61	29.90 0.63 -3.11	33.12 0.59 -8.26	34.90 0.57 -10.47	37.09 0.46 -16.68	39.56 0.51 -16.42	43.60 0.64 -12.40	42.00 0.58 -9.41	51.80 -0.25 -66.97	48.18 -0.20 -59.44	58.19 -0.22 -70.03	48.01 0.15 -40.29	40.18 -0.08 -43.56	33.29 -0.10 -37.52	36.00 -0.23 -45.95
GILBOA____ 23599	38.83 0.85 -0.69	35.59 0.76 -1.82	35.56 0.76 -1.32	31.96 0.77 -1.62	31.59 0.64 -3.00	38.52 0.64 -12.51	34.01 0.70 -1.24	31.81 0.32 -17.03	29.08 0.30 -15.00	27.53 0.57 -2.61	29.90 0.63 -3.11	33.12 0.59 -8.26	34.90 0.57 -10.47	37.09 0.46 -16.68	39.57 0.52 -16.42	43.61 0.65 -12.40	42.00 0.58 -9.41	51.80 -0.25 -66.97	48.18 -0.20 -59.44	58.19 -0.22 -70.03	48.01 0.15 -40.29	40.18 -0.08 -43.56	33.29 -0.10 -37.52	36.00 -0.23 -45.95

GINNA____ 23603	35.58 -1.88 -0.16	31.75 -1.67 -0.41	32.08 -1.69 -0.30	28.40 -1.54 -0.37	27.20 -1.44 -0.68	26.91 -1.31 -2.85	30.74 -1.61 -0.28	17.55 -0.79 -3.88	16.43 -0.76 -3.42	23.55 -1.39 -0.60	25.35 -1.51 -0.71	24.80 -1.35 -1.88	24.88 -1.37 -2.39	22.64 -1.11 -3.80	25.11 -1.26 -3.74	31.75 -1.64 -2.83	32.59 -1.58 -2.15	0.96 0.63 -15.26	2.87 0.38 -13.54	4.74 0.40 -15.96	16.47 -0.28 -9.18	6.75 0.13 -9.92	4.59 0.16 -8.55	1.11 0.36 -10.47
GLEN PARK____ 23778	37.41 0.03 -0.08	33.08 -0.15 -0.22	33.74 0.11 -0.16	29.96 0.18 -0.20	28.56 0.23 -0.37	27.15 0.23 -1.54	32.48 0.26 -0.15	16.68 0.12 -2.10	15.68 0.05 -1.85	24.55 -0.12 -0.32	26.17 -0.37 -0.38	24.70 -0.59 -1.02	24.73 -0.43 -1.29	21.69 -0.32 -2.06	24.36 -0.29 -2.03	31.43 -0.66 -1.53	32.64 -0.54 -1.16	-6.32 0.35 -8.26	-3.35 0.38 -7.33	-2.55 0.43 -8.64	12.24 -0.29 -4.97	2.14 0.06 -5.37	0.65 0.15 -4.63	-3.65 0.40 -5.67
GLENDALE_27_KV_LOAD 356172	39.74 1.75 -0.69	36.37 1.54 -1.82	36.32 1.53 -1.32	32.45 1.25 -1.62	32.14 1.18 -3.00	38.94 1.05 -12.52	34.68 1.38 -1.25	32.16 0.66 -17.04	29.46 0.67 -15.01	28.21 1.25 -2.62	30.66 1.39 -3.12	33.89 1.36 -8.26	35.67 1.32 -10.48	37.75 1.11 -16.69	40.26 1.20 -16.43	44.50 1.53 -12.41	43.13 1.70 -9.41	51.30 -0.79 -67.02	47.83 -0.60 -59.48	57.81 -0.66 -70.08	48.31 0.42 -40.32	40.10 -0.18 -43.59	33.19 -0.23 -37.54	35.78 -0.48 -45.98
GLENWOOD_IC_1_G5 23712	62.67 2.23 -23.15	47.72 1.99 -12.72	47.76 2.00 -12.28	32.81 1.60 -1.63	32.49 1.52 -3.01	54.21 1.44 -27.40	51.43 1.83 -17.53	59.74 0.86 -44.42	39.95 0.84 -25.33	36.86 1.54 -10.97	37.09 1.73 -9.21	42.48 1.65 -16.56	42.86 1.58 -17.42	38.35 1.29 -17.11	41.13 1.42 -17.09	44.79 1.82 -12.41	56.64 1.90 -22.73	51.21 -0.89 -67.03	47.75 -0.68 -59.50	57.76 -0.72 -70.09	48.39 0.50 -40.33	40.08 -0.21 -43.60	33.16 -0.27 -37.55	35.71 -0.56 -45.99
GLENWOOD_IC_2_G1 23688	40.48 1.97 -1.22	36.78 1.71 -2.06	36.75 1.72 -1.56	32.63 1.43 -1.62	32.28 1.32 -3.00	42.48 1.21 -15.90	35.27 1.58 -1.63	32.85 0.74 -17.65	29.78 0.74 -15.26	28.54 1.36 -2.83	31.11 1.53 -3.43	34.72 1.47 -8.98	35.92 1.40 -10.65	37.81 1.15 -16.70	40.34 1.26 -16.45	44.58 1.61 -12.41	43.49 1.76 -9.71	51.27 -0.83 -67.03	47.80 -0.63 -59.49	57.80 -0.68 -70.09	48.33 0.44 -40.32	40.10 -0.19 -43.60	33.18 -0.24 -37.55	35.76 -0.51 -45.99
GLENWOOD_IC_3_G1 23689	40.48 1.97 -1.22	36.78 1.71 -2.06	36.75 1.72 -1.56	32.63 1.43 -1.62	32.28 1.32 -3.00	42.48 1.21 -15.90	35.27 1.58 -1.63	32.85 0.74 -17.65	29.78 0.74 -15.26	28.54 1.36 -2.83	31.11 1.53 -3.43	34.72 1.47 -8.98	35.92 1.40 -10.65	37.81 1.15 -16.70	40.34 1.26 -16.45	44.58 1.61 -12.41	43.49 1.76 -9.71	51.27 -0.83 -67.03	47.80 -0.63 -59.49	57.80 -0.68 -70.09	48.33 0.44 -40.32	40.10 -0.19 -43.60	33.18 -0.24 -37.55	35.76 -0.51 -45.99
GLENWOOD____4 23550	62.67 2.23 -23.15	47.72 1.99 -12.72	47.76 2.00 -12.28	32.81 1.60 -1.63	32.49 1.52 -3.01	54.21 1.44 -27.40	51.43 1.83 -17.53	59.74 0.86 -44.42	39.95 0.84 -25.33	36.86 1.54 -10.97	37.09 1.73 -9.21	42.48 1.65 -16.56	42.86 1.58 -17.42	38.35 1.29 -17.11	41.13 1.42 -17.09	44.79 1.82 -12.41	56.69 1.94 -22.73	51.19 -0.91 -67.03	47.74 -0.70 -59.50	57.74 -0.73 -70.09	48.39 0.50 -40.33	40.08 -0.21 -43.60	33.16 -0.27 -37.55	35.71 -0.56 -45.99
GLENWOOD____5 23614	62.67 2.23 -23.15	47.72 1.99 -12.72	47.76 2.00 -12.28	32.81 1.60 -1.63	32.49 1.52 -3.01	54.21 1.44 -27.40	51.43 1.83 -17.53	59.74 0.86 -44.42	39.95 0.84 -25.33	36.86 1.54 -10.97	37.09 1.73 -9.21	42.48 1.65 -16.56	42.86 1.58 -17.42	38.35 1.29 -17.11	41.13 1.42 -17.09	44.79 1.82 -12.41	56.69 1.94 -22.73	51.19 -0.91 -67.03	47.74 -0.70 -59.50	57.74 -0.73 -70.09	48.39 0.50 -40.33	40.08 -0.21 -43.60	33.16 -0.27 -37.55	35.71 -0.56 -45.99
GLOBAL GREEN_PORT_GT1 23814	73.32 4.74 -31.29	54.35 4.10 -17.24	54.41 4.11 -16.83	34.71 3.51 -1.62	34.21 3.25 -3.00	65.76 3.06 -37.34	54.21 4.01 -18.13	72.08 1.84 -55.77	38.03 1.78 -22.47	34.82 3.15 -7.33	34.53 3.38 -5.00	39.51 3.19 -12.04	38.44 2.96 -11.61	39.22 2.49 -16.77	42.65 2.81 -17.22	46.76 3.79 -12.41	64.52 4.26 -28.24	50.11 -1.99 -67.03	46.93 -1.51 -59.50	56.90 -1.58 -70.09	48.97 1.08 -40.33	39.88 -0.41 -43.60	32.92 -0.51 -37.55	35.20 -1.07 -45.99
GLOBE____DSASP 323697	35.73 -1.74 -0.18	32.00 -1.49 -0.47	32.21 -1.61 -0.34	28.50 -1.50 -0.42	27.34 -1.40 -0.78	27.27 -1.35 -3.25	30.78 -1.61 -0.32	17.87 -1.02 -4.42	16.77 -0.90 -3.90	23.54 -1.48 -0.68	25.32 -1.64 -0.81	24.95 -1.46 -2.15	25.01 -1.58 -2.72	22.90 -1.39 -4.33	25.25 -1.64 -4.27	31.61 -2.12 -3.17	32.22 -2.19 -2.40	3.36 0.88 -17.40	4.85 0.47 -15.44	7.08 0.50 -18.20	17.82 -0.21 -10.47	8.15 0.13 -11.32	5.79 0.16 -9.75	2.47 0.25 -11.94
GOETHSLN____LBMP 323567	39.34 1.36 -0.69	36.03 1.20 -1.82	35.98 1.19 -1.32	32.15 0.95 -1.62	31.86 0.90 -3.00	38.66 0.77 -12.52	34.35 1.04 -1.25	32.02 0.52 -17.03	29.31 0.53 -15.00	27.95 0.99 -2.62	30.38 1.11 -3.12	33.64 1.10 -8.26	35.42 1.08 -10.48	37.54 0.90 -16.69	40.02 0.96 -16.43	44.16 1.19 -12.41	42.74 1.31 -9.41	51.46 -0.62 -67.01	47.95 -0.47 -59.48	57.94 -0.52 -70.07	48.21 0.33 -40.32	40.13 -0.15 -43.59	33.23 -0.19 -37.54	35.88 -0.38 -45.98
GOLAH____69_KV_TB 1_2 80279	37.47 0.02 -0.16	33.41 -0.03 -0.42	33.79 0.01 -0.31	29.97 0.01 -0.38	28.63 -0.03 -0.70	28.26 0.03 -2.92	32.38 0.03 -0.29	18.31 -0.13 -3.97	17.14 -0.14 -3.50	24.65 -0.30 -0.61	26.49 -0.40 -0.73	25.89 -0.30 -1.93	25.95 -0.36 -2.44	23.58 -0.27 -3.89	26.13 -0.33 -3.83	33.13 -0.33 -2.90	34.06 -0.15 -2.20	0.62 -0.08 -15.63	2.63 -0.18 -13.88	4.54 -0.19 -16.35	17.11 0.14 -9.40	6.82 -0.04 -10.17	4.58 -0.05 -8.76	0.85 -0.16 -10.72
GOODYEAR_LAKE_HYD 323669	38.85 1.31 -0.25	34.81 1.15 -0.65	35.12 1.17 -0.48	31.17 1.01 -0.58	29.95 0.91 -1.08	30.73 0.85 -4.51	33.55 1.04 -0.45	21.07 0.47 -6.14	19.65 0.46 -5.40	26.08 0.79 -0.94	28.16 0.88 -1.12	28.09 0.84 -2.98	28.39 0.76 -3.77	26.58 0.61 -6.01	29.20 0.66 -5.92	36.01 0.98 -4.47	36.49 1.09 -3.39	8.70 -0.52 -24.14	9.97 -0.39 -21.43	13.21 -0.42 -25.24	22.38 0.29 -14.52	12.27 -0.13 -15.70	9.24 -0.16 -13.52	6.50 -0.34 -16.56
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	37.68 0.09 -0.30	33.89 0.09 -0.78	34.13 0.09 -0.57	30.30 0.02 -0.70	29.29 0.04 -1.29	30.77 0.03 -5.37	32.66 0.07 -0.53	21.79 0.01 -7.31	20.21 -0.02 -6.44	25.45 -0.02 -1.13	27.44 -0.05 -1.34	27.78 -0.04 -3.55	28.24 -0.12 -4.50	27.01 -0.12 -7.16	29.53 -0.15 -7.05	35.78 -0.10 -5.32	36.04 -0.02 -4.04	13.86 0.02 -28.77	14.43 -0.04 -25.54	18.41 -0.06 -30.09	24.94 0.06 -17.31	15.39 -0.02 -18.71	11.96 -0.03 -16.12	9.91 -0.11 -19.74
GOUDEY____7 23579	37.71 0.12 -0.30	33.92 0.12 -0.78	34.16 0.12 -0.57	30.32 0.05 -0.70	29.31 0.06 -1.29	30.79 0.05 -5.37	32.69 0.09 -0.53	21.80 0.02 -7.31	20.22 0.00 -6.44	25.47 0.00 -1.13	27.47 -0.03 -1.34	27.81 -0.02 -3.55	28.26 -0.10 -4.50	27.02 -0.10 -7.16	29.55 -0.13 -7.05	35.81 -0.07 -5.32	36.07 0.02 -4.04	13.84 0.00 -28.77	14.42 -0.05 -25.54	18.40 -0.07 -30.09	24.95 0.07 -17.31	15.39 -0.03 -18.71	11.96 -0.03 -16.12	9.90 -0.12 -19.74

GOUDEY___8 23580	37.68 0.09 -0.30	33.89 0.09 -0.78	34.13 0.09 -0.57	30.30 0.02 -0.70	29.29 0.04 -1.29	30.77 0.03 -5.37	32.66 0.07 -0.53	21.79 0.01 -7.31	20.21 -0.02 -6.44	25.45 -0.02 -1.13	27.44 -0.05 -1.34	27.78 -0.04 -3.55	28.24 -0.12 -4.50	27.01 -0.12 -7.16	29.53 -0.15 -7.05	35.78 -0.10 -5.32	36.04 -0.02 -4.04	13.86 0.02 -28.77	14.43 -0.04 -25.54	18.41 -0.06 -30.09	24.94 0.06 -17.31	15.39 -0.02 -18.71	11.96 -0.03 -16.12	9.91 -0.11 -19.74
GOWANUS_GT1_1 24077	39.75 1.76 -0.69	36.38 1.55 -1.82	36.32 1.53 -1.32	32.45 1.25 -1.62	32.15 1.19 -3.00	38.94 1.05 -12.52	34.68 1.38 -1.25	32.17 0.67 -17.04	29.46 0.68 -15.01	28.22 1.26 -2.62	30.67 1.40 -3.12	33.91 1.37 -8.26	35.68 1.34 -10.48	37.76 1.11 -16.69	40.27 1.21 -16.43	44.50 1.53 -12.41	43.13 1.69 -9.41	51.30 -0.79 -67.02	47.81 -0.61 -59.48	57.80 -0.66 -70.08	48.31 0.43 -40.32	40.10 -0.19 -43.59	33.18 -0.23 -37.54	35.77 -0.49 -45.98
GOWANUS_GT1_2 24078	39.75 1.76 -0.69	36.38 1.55 -1.82	36.32 1.53 -1.32	32.45 1.25 -1.62	32.15 1.19 -3.00	38.94 1.05 -12.52	34.68 1.38 -1.25	32.17 0.67 -17.04	29.46 0.68 -15.01	28.22 1.26 -2.62	30.67 1.40 -3.12	33.91 1.37 -8.26	35.68 1.34 -10.48	37.76 1.11 -16.69	40.27 1.21 -16.43	44.50 1.53 -12.41	43.13 1.69 -9.41	51.30 -0.79 -67.02	47.81 -0.61 -59.48	57.80 -0.66 -70.08	48.31 0.43 -40.32	40.10 -0.19 -43.59	33.18 -0.23 -37.54	35.77 -0.49 -45.98
GOWANUS_GT1_3 24079	39.75 1.76 -0.69	36.38 1.55 -1.82	36.32 1.53 -1.32	32.45 1.25 -1.62	32.15 1.19 -3.00	38.94 1.05 -12.52	34.68 1.38 -1.25	32.17 0.67 -17.04	29.46 0.68 -15.01	28.22 1.26 -2.62	30.67 1.40 -3.12	33.91 1.37 -8.26	35.68 1.34 -10.48	37.76 1.11 -16.69	40.27 1.21 -16.43	44.50 1.53 -12.41	43.13 1.69 -9.41	51.30 -0.79 -67.02	47.81 -0.61 -59.48	57.80 -0.66 -70.08	48.31 0.43 -40.32	40.10 -0.19 -43.59	33.18 -0.23 -37.54	35.77 -0.49 -45.98
GOWANUS_GT1_4 24080	39.75 1.76 -0.69	36.38 1.55 -1.82	36.32 1.53 -1.32	32.45 1.25 -1.62	32.15 1.19 -3.00	38.94 1.05 -12.52	34.68 1.38 -1.25	32.17 0.67 -17.04	29.46 0.68 -15.01	28.22 1.26 -2.62	30.67 1.40 -3.12	33.91 1.37 -8.26	35.68 1.34 -10.48	37.76 1.11 -16.69	40.27 1.21 -16.43	44.50 1.53 -12.41	43.13 1.69 -9.41	51.30 -0.79 -67.02	47.81 -0.61 -59.48	57.80 -0.66 -70.08	48.31 0.43 -40.32	40.10 -0.19 -43.59	33.18 -0.23 -37.54	35.77 -0.49 -45.98
GOWANUS_GT1_5 24084	39.75 1.76 -0.69	36.38 1.55 -1.82	36.32 1.53 -1.32	32.45 1.25 -1.62	32.15 1.19 -3.00	38.94 1.05 -12.52	34.68 1.38 -1.25	32.17 0.67 -17.04	29.46 0.68 -15.01	28.22 1.26 -2.62	30.67 1.40 -3.12	33.91 1.37 -8.26	35.68 1.34 -10.48	37.76 1.11 -16.69	40.27 1.21 -16.43	44.50 1.53 -12.41	43.13 1.69 -9.41	51.30 -0.79 -67.02	47.81 -0.61 -59.48	57.80 -0.66 -70.08	48.31 0.43 -40.32	40.10 -0.19 -43.59	33.18 -0.23 -37.54	35.77 -0.49 -45.98
GOWANUS_GT1_6 24111	39.75 1.76 -0.69	36.38 1.55 -1.82	36.32 1.53 -1.32	32.45 1.25 -1.62	32.15 1.19 -3.00	38.94 1.05 -12.52	34.68 1.38 -1.25	32.17 0.67 -17.04	29.46 0.68 -15.01	28.22 1.26 -2.62	30.67 1.40 -3.12	33.91 1.37 -8.26	35.68 1.34 -10.48	37.76 1.11 -16.69	40.27 1.21 -16.43	44.50 1.53 -12.41	43.13 1.69 -9.41	51.30 -0.79 -67.02	47.81 -0.61 -59.48	57.80 -0.66 -70.08	48.31 0.43 -40.32	40.10		

GOWANUS_GT2_7 24120	39.76 1.77 -0.69	36.38 1.55 -1.82	36.33 1.53 -1.32	32.45 1.25 -1.62	32.15 1.19 -3.00	38.94 1.06 -12.52	34.68 1.38 -1.25	32.17 0.66 -17.04	29.47 0.68 -15.01	28.21 1.25 -2.62	30.67 1.40 -3.12	33.91 1.37 -8.26	35.68 1.34 -10.48	37.75 1.11 -16.69	40.27 1.21 -16.43	44.50 1.53 -12.41	43.13 1.70 -9.41	51.30 -0.79 -67.02	47.81 -0.61 -59.48	57.80 -0.67 -70.08	48.31 0.43 -40.32	40.10 -0.19 -43.59	33.18 -0.23 -37.54	35.77 -0.50 -45.98
GOWANUS_GT2_8 24121	39.76 1.77 -0.69	36.38 1.55 -1.82	36.33 1.53 -1.32	32.45 1.25 -1.62	32.15 1.19 -3.00	38.94 1.06 -12.52	34.68 1.38 -1.25	32.17 0.66 -17.04	29.47 0.68 -15.01	28.21 1.25 -2.62	30.67 1.40 -3.12	33.91 1.37 -8.26	35.68 1.34 -10.48	37.75 1.11 -16.69	40.27 1.21 -16.43	44.50 1.53 -12.41	43.13 1.70 -9.41	51.30 -0.79 -67.02	47.81 -0.61 -59.48	57.80 -0.67 -70.08	48.31 0.43 -40.32	40.10 -0.19 -43.59	33.18 -0.23 -37.54	35.77 -0.50 -45.98
GOWANUS_GT3_1 24122	39.76 1.77 -0.69	36.38 1.55 -1.82	36.33 1.53 -1.32	32.45 1.25 -1.62	32.15 1.19 -3.00	38.94 1.06 -12.52	34.68 1.38 -1.25	32.17 0.66 -17.04	29.47 0.68 -15.01	28.21 1.25 -2.62	30.67 1.40 -3.12	33.91 1.37 -8.26	35.68 1.34 -10.48	37.75 1.11 -16.69	40.27 1.21 -16.43	44.50 1.53 -12.41	43.13 1.70 -9.41	51.30 -0.79 -67.02	47.81 -0.61 -59.48	57.80 -0.67 -70.08	48.31 0.43 -40.32	40.10 -0.19 -43.59	33.18 -0.23 -37.54	35.77 -0.50 -45.98
GOWANUS_GT3_2 24123	39.76 1.77 -0.69	36.38 1.55 -1.82	36.33 1.53 -1.32	32.45 1.25 -1.62	32.15 1.19 -3.00	38.94 1.06 -12.52	34.68 1.38 -1.25	32.17 0.66 -17.04	29.47 0.68 -15.01	28.21 1.25 -2.62	30.67 1.40 -3.12	33.91 1.37 -8.26	35.68 1.34 -10.48	37.75 1.11 -16.69	40.27 1.21 -16.43	44.50 1.53 -12.41	43.13 1.70 -9.41	51.30 -0.79 -67.02	47.81 -0.61 -59.48	57.80 -0.67 -70.08	48.31 0.43 -40.32	40.10 -0.19 -43.59	33.18 -0.23 -37.54	35.77 -0.50 -45.98
GOWANUS_GT3_3 24124	39.76 1.77 -0.69	36.38 1.55 -1.82	36.33 1.53 -1.32	32.45 1.25 -1.62	32.15 1.19 -3.00	38.94 1.06 -12.52	34.68 1.38 -1.25	32.17 0.66 -17.04	29.47 0.68 -15.01	28.21 1.25 -2.62	30.67 1.40 -3.12	33.91 1.37 -8.26	35.68 1.34 -10.48	37.75 1.11 -16.69	40.27 1.21 -16.43	44.50 1.53 -12.41	43.13 1.70 -9.41	51.30 -0.79 -67.02	47.81 -0.61 -59.48	57.80 -0.67 -70.08	48.31 0.43 -40.32	40.10 -0.19 -43.59	33.18 -0.23 -37.54	35.77 -0.50 -45.98
GOWANUS_GT3_4 24125	39.76 1.77 -0.69	36.38 1.55 -1.82	36.33 1.53 -1.32	32.45 1.25 -1.62	32.15 1.19 -3.00	38.94 1.06 -12.52	34.68 1.38 -1.25	32.17 0.66 -17.04	29.47 0.68 -15.01	28.21 1.25 -2.62	30.67 1.40 -3.12	33.91 1.37 -8.26	35.68 1.34 -10.48	37.75 1.11 -16.69	40.27 1.21 -16.43	44.50 1.53 -12.41	43.13 1.70 -9.41	51.30 -0.79 -67.02	47.81 -0.61 -59.48	57.80 -0.67 -70.08	48.31 0.43 -40.32	40.10 -0.19 -43.59	33.18 -0.23 -37.54	35.77 -0.50 -45.98
GOWANUS_GT3_5 24126	39.76 1.77 -0.69	36.38 1.55 -1.82	36.33 1.53 -1.32	32.45 1.25 -1.62	32.15 1.19 -3.00	38.94 1.06 -12.52	34.68 1.38 -1.25	32.17 0.66 -17.04	29.47 0.68 -15.01	28.21 1.25 -2.62	30.67 1.40 -3.12	33.91 1.37 -8.26	35.68 1.34 -10.48	37.75 1.11 -16.69	40.27 1.21 -16.43	44.50 1.53 -12.41	43.13 1.70 -9.41	51.30 -0.79 -67.02	47.81 -0.61 -59.48	57.80 -0.67 -70.08	48.31 0.43 -40.32	40.1		

GOWANUS_GT4_6 24135	39.75 1.76 -0.69	36.38 1.55 -1.82	36.32 1.53 -1.32	32.45 1.25 -1.62	32.15 1.19 -3.00	38.94 1.05 -12.52	34.68 1.38 -1.25	32.17 0.67 -17.04	29.46 0.68 -15.01	28.22 1.26 -2.62	30.67 1.40 -3.12	33.91 1.37 -8.26	35.68 1.34 -10.48	37.76 1.11 -16.69	40.27 1.21 -16.43	44.50 1.53 -12.41	43.13 1.69 -9.41	51.30 -0.79 -67.02	47.81 -0.61 -59.48	57.80 -0.66 -70.08	48.31 0.43 -40.32	40.10 -0.19 -43.59	33.18 -0.23 -37.54	35.77 -0.49 -45.98
GOWANUS_GT4_7 24136	39.75 1.76 -0.69	36.38 1.55 -1.82	36.32 1.53 -1.32	32.45 1.25 -1.62	32.15 1.19 -3.00	38.94 1.05 -12.52	34.68 1.38 -1.25	32.17 0.67 -17.04	29.46 0.68 -15.01	28.22 1.26 -2.62	30.67 1.40 -3.12	33.91 1.37 -8.26	35.68 1.34 -10.48	37.76 1.11 -16.69	40.27 1.21 -16.43	44.50 1.53 -12.41	43.13 1.69 -9.41	51.30 -0.79 -67.02	47.81 -0.61 -59.48	57.80 -0.66 -70.08	48.31 0.43 -40.32	40.10 -0.19 -43.59	33.18 -0.23 -37.54	35.77 -0.49 -45.98
GOWANUS_GT4_8 24137	39.75 1.76 -0.69	36.38 1.55 -1.82	36.32 1.53 -1.32	32.45 1.25 -1.62	32.15 1.19 -3.00	38.94 1.05 -12.52	34.68 1.38 -1.25	32.17 0.67 -17.04	29.46 0.68 -15.01	28.22 1.26 -2.62	30.67 1.40 -3.12	33.91 1.37 -8.26	35.68 1.34 -10.48	37.76 1.11 -16.69	40.27 1.21 -16.43	44.50 1.53 -12.41	43.13 1.69 -9.41	51.30 -0.79 -67.02	47.81 -0.61 -59.48	57.80 -0.66 -70.08	48.31 0.43 -40.32	40.10 -0.19 -43.59	33.18 -0.23 -37.54	35.77 -0.49 -45.98
GREENBSH_115KV_TB3 55895	38.81 0.68 -0.83	35.83 0.62 -2.19	35.69 0.62 -1.59	32.14 0.61 -1.95	32.14 0.56 -3.62	40.92 0.47 -15.07	34.18 0.62 -1.50	35.24 0.25 -20.52	32.11 0.26 -18.08	28.03 0.53 -3.15	30.48 0.57 -3.75	34.65 0.42 -9.96	36.91 0.43 -12.62	40.42 0.36 -20.10	42.85 0.43 -19.79	45.99 0.49 -14.95	43.83 0.48 -11.34	65.58 -0.22 -80.72	60.43 -0.16 -71.65	72.63 -0.16 -84.41	56.24 0.11 -48.56	49.16 -0.04 -52.50	41.04 -0.06 -45.22	45.55 -0.11 -55.38
GREENDGE_115KV_TB5 80291	37.64 0.14 -0.21	33.68 0.12 -0.54	33.94 0.07 -0.40	30.06 -0.01 -0.49	28.94 0.08 -0.90	29.19 0.07 -3.75	32.61 0.17 -0.37	19.59 0.02 -5.10	18.26 -0.01 -4.49	25.08 -0.05 -0.78	26.89 -0.19 -0.93	26.58 -0.17 -2.47	26.72 -0.28 -3.14	24.73 -0.22 -5.00	27.28 -0.27 -4.92	34.16 -0.11 -3.71	34.88 0.06 -2.81	5.06 -0.08 -20.07	6.63 -0.13 -17.82	9.22 -0.15 -20.99	19.71 0.07 -12.08	9.73 -0.03 -13.05	7.09 -0.03 -11.24	3.94 -0.11 -13.77
GREENIDGE___3 23582	37.64 0.14 -0.21	33.68 0.12 -0.54	33.94 0.07 -0.40	30.06 -0.01 -0.49	28.94 0.08 -0.90	29.19 0.07 -3.75	32.61 0.17 -0.37	19.59 0.02 -5.10	18.26 -0.01 -4.49	25.08 -0.05 -0.78	26.89 -0.19 -0.93	26.58 -0.17 -2.47	26.72 -0.28 -3.14	24.73 -0.22 -5.00	27.28 -0.27 -4.92	34.16 -0.11 -3.71	34.88 0.06 -2.81	5.06 -0.08 -20.07	6.63 -0.13 -17.82	9.22 -0.15 -20.99	19.71 0.07 -12.08	9.73 -0.03 -13.05	7.09 -0.03 -11.24	3.94 -0.11 -13.77
GREENIDGE___4 23583	37.62 0.12 -0.21	33.67 0.11 -0.54	33.94 0.07 -0.40	30.06 -0.01 -0.49	28.95 0.09 -0.90	29.20 0.07 -3.75	32.60 0.17 -0.37	19.59 0.02 -5.10	18.26 -0.02 -4.49	25.08 -0.05 -0.78	26.89 -0.19 -0.93	26.58 -0.17 -2.47	26.72 -0.28 -3.14	24.73 -0.22 -5.00	27.28 -0.27 -4.92	34.15 -0.11 -3.71	34.87 0.04 -2.81	5.07 -0.08 -20.07	6.63 -0.13 -17.82	9.22 -0.16 -20.99	19.70 0.06 -12.08	9.72 -0.03 -13.05	7.09 -0.03 -11.24	3.95 -0.11 -13.77
GREENLWN_69_KV_BK 3 55738	71.00 2.68 -31.03	52.53 2.42 -17.10	52.60 2.44 -16.69	33.13 1.93 -1.62	32.77 1.81 -3.00	64.19 1.79 -37.02	52.46 2.23 -18.17	70.90 1.02 -55.41	37.40 1.00 -22.63	33.69 1.83 -7.51	33.43 2.07 -5.20	38.51 1.97 -12.27	37.53 1.78 -11.88	38.20 1.46 -16.79	41.46 1.62 -17.22	45.04 2.06 -12.41	62.36 2.27 -28.07	51.07 -1.03 -67.03	47.62 -0.82 -59.50	57.61 -0.87 -70.09	48.45 0.55 -40.33	40.06 -0.23 -43.60	33.13 -0.29 -37.55	35.66 -0.61 -45.99
GREENWD_138_KV_38B11_REV_LBMP_J 345004	39.75 1.76 -0.69	36.38 1.55 -1.82	36.32 1.53 -1.32	32.45 1.25 -1.62	32.15 1.19 -3.00	38.94 1.05 -12.52	34.68 1.38 -1.25	32.17 0.67 -17.04	29.46 0.68 -15.01	28.22 1.26 -2.62	30.67 1.40 -3.12	33.91 1.37 -8.26	35.68 1.34 -10.48	37.76 1.11 -16.69	40.27 1.21 -16.43	44.50 1.53 -12.41	43.13 1.69 -9.41	51.30 -0.79 -67.02	47.81 -0.61 -59.48	57.80 -0.66 -70.08	48.31 0.43 -40.32	40.10 -0.19 -43.59	33.18 -0.23 -37.54	35.77 -0.49 -45.98
GRISSOM___SOLAR 323813	40.97 2.69 -0.99	37.90 2.27 -2.62	37.72 2.34 -1.90	33.93 2.02 -2.33	34.25 1.97 -4.32	45.24 1.85 -18.02	36.16 2.30 -1.79	40.05 1.05 -24.54	36.18 0.79 -21.61	29.03 0.91 -3.77	31.46 0.81 -4.49	37.23 1.06 -11.90	40.20 1.24 -15.09	45.25 1.26 -24.03	47.95 1.65 -23.66	50.38 1.95 -17.87	48.21 2.63 -13.56	80.41 -1.18 -96.52	73.76 -0.85 -85.67	88.39 -0.92 -100.92	66.20 0.57 -58.06	59.24 -0.24 -62.77	49.66 -0.29 -54.07	55.88 -0.62 -66.22
GROVEVILLE___HYD 323602	39.88 1.89 -0.70	36.51 1.66 -1.83	36.47 1.67 -1.33	32.62 1.41 -1.63	32.32 1.34 -3.03	39.20 1.21 -12.62	34.87 1.55 -1.26	32.36 0.72 -17.18	29.62 0.72 -15.13	28.30 1.32 -2.64	30.77 1.47 -3.14	34.03 1.42 -8.33	35.80 1.37 -10.57	37.92 1.13 -16.83	40.45 1.25 -16.57	44.71 1.64 -12.51	43.29 1.79 -9.49	51.80 -0.85 -67.58	48.28 -0.64 -59.98	58.37 -0.68 -70.66	48.66 0.44 -40.65	40.46 -0.19 -43.95	33.50 -0.24 -37.86	36.14 -0.51 -46.36
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	37.31 -0.13 -0.14	33.27 -0.12 -0.37	33.61 -0.13 -0.27	29.77 -0.15 -0.33	28.46 -0.11 -0.62	27.84 -0.10 -2.57	32.22 -0.10 -0.25	17.91 -0.05 -3.49	16.81 -0.05 -3.08	24.79 -0.09 -0.54	26.67 -0.12 -0.64	25.87 -0.10 -1.70	25.89 -0.12 -2.15	23.28 -0.10 -3.42	25.89 -0.11 -3.37	33.05 -0.05 -2.55	33.98 0.03 -1.93	-1.23 -0.04 -13.74	1.08 -0.06 -12.20	2.69 -0.07 -14.37	15.88 0.04 -8.27	5.62 -0.02 -8.94	3.56 -0.01 -7.70	-0.32 -0.04 -9.43
HAMLTNNY_34_KV_TB 80303	37.32 -0.12 -0.15	33.31 -0.09 -0.39	33.63 -0.13 -0.28	29.78 -0.14 -0.34	28.50 -0.10 -0.64	27.94 -0.09 -2.66	32.27 -0.06 -0.26	18.04 -0.04 -3.61	16.93 -0.04 -3.18	24.84 -0.06 -0.55	26.70 -0.12 -0.66	25.95 -0.08 -1.75	25.98 -0.11 -2.22	23.39 -0.11 -3.54	26.00 -0.11 -3.49	33.18 -0.01 -2.63	34.10 0.09 -2.00	-0.78 -0.08 -14.22	1.48 -0.09 -12.62	3.16 -0.10 -14.87	16.20 0.07 -8.55	5.93 -0.02 -9.25	3.82 -0.02 -7.97	-0.02 -0.06 -9.76
HAMPSHIRE___PAPER_HYD 323593	37.02 -0.33 -0.05	32.92 -0.23 -0.13	33.47 -0.11 -0.10	29.67 -0.03 -0.12	28.22 0.04 -0.22	26.35 0.05 -0.93	32.13 -0.03 -0.09	15.73 -0.01 -1.27	14.88 -0.02 -1.12	24.36 -0.18 -0.19	26.11 -0.28 -0.23	24.30 -0.59 -0.62	24.43 -0.21 -0.78	20.97 -0.23 -1.24	23.75 -0.10 -1.23	31.19 -0.30 -0.93	32.10 -0.62 -0.70	-9.37 0.56 -4.99	-5.88 0.75 -4.43	-5.52 0.87 -5.22	9.97 -0.60 -3.01	0.15 0.20 -3.25	-1.07 0.26 -2.80	-5.67 0.62 -3.43
HARDSCRABBLE_WT_PWR 323673	38.03 0.71 -0.02	33.67 0.60 -0.06	34.08 0.57 -0.04	30.13 0.50 -0.05	28.52 0.47 -0.09	26.16 0.39 -0.40	32.58 0.48 -0.04	15.26 0.25 -0.54	14.41 0.16 -0.48	24.69 0.25 -0.08	26.55 0.30 -0.10	24.85 0.31 -0.26	24.53 0.33 -0.33	20.78 0.30 -0.53	23.46 0.31 -0.52	31.14 0.19 -0.40	32.71 0.40 -0.30	-12.99 -0.19 -2.13	-9.27 -0.10 -1.89	-9.54 -0.15 -2.23	8.84 -0.01 -1.28	-1.94 -0.02 -1.38	-2.95 -0.02 -1.19	-8.26 0.00 -1.46

HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	39.48 1.53 -0.65	36.06 1.33 -1.72	36.05 1.33 -1.25	32.21 1.10 -1.53	31.84 1.04 -2.84	38.16 0.94 -11.85	34.45 1.21 -1.18	31.16 0.57 -16.13	28.55 0.57 -14.20	27.87 1.05 -2.48	30.28 1.18 -2.95	33.27 1.17 -7.82	34.90 1.12 -9.92	36.70 0.95 -15.80	39.22 1.03 -15.56	43.65 1.34 -11.75	42.42 1.49 -8.91	47.79 -0.72 -63.44	44.71 -0.54 -56.31	54.13 -0.59 -66.34	46.10 0.36 -38.17	37.79 -0.17 -41.26	31.21 -0.21 -35.54	33.37 -0.44 -43.53
HARSNRAD_115KV_TB1 81005	36.40 -1.07 -0.18	32.54 -0.94 -0.47	32.99 -0.83 -0.34	29.16 -0.83 -0.42	27.98 -0.75 -0.77	27.80 -0.80 -3.22	31.39 -0.99 -0.32	18.13 -0.72 -4.39	16.99 -0.66 -3.86	23.88 -1.14 -0.67	25.65 -1.30 -0.80	25.24 -1.16 -2.13	25.30 -1.27 -2.70	23.24 -1.02 -4.29	25.65 -1.21 -4.23	32.09 -1.63 -3.16	32.86 -1.54 -2.39	2.88 0.55 -17.26	4.48 0.22 -15.32	6.66 0.24 -18.05	17.86 -0.09 -10.38	7.99 0.07 -11.22	5.62 0.08 -9.67	2.22 0.10 -11.84
HARZA MOOSE__RIVER 24016	37.75 0.40 -0.06	33.43 0.27 -0.14	34.00 0.42 -0.10	30.12 0.41 -0.13	28.61 0.41 -0.24	26.74 0.38 -0.99	32.63 0.47 -0.10	16.02 0.20 -1.35	15.12 0.15 -1.19	24.71 0.15 -0.21	26.54 0.14 -0.25	24.85 -0.08 -0.66	24.75 0.05 -0.83	21.34 0.06 -1.32	23.99 0.06 -1.30	31.38 -0.16 -0.98	32.59 -0.17 -0.75	-9.46 0.16 -5.31	-6.13 0.22 -4.71	-5.81 0.25 -5.56	10.58 -0.19 -3.20	0.20 0.04 -3.46	-1.06 0.09 -2.98	-5.85 0.22 -3.64
HDSNBRDG_115KV_BRDG_TB1 355580	37.09 -0.34 -0.13	33.04 -0.32 -0.35	33.39 -0.34 -0.26	29.57 -0.32 -0.32	28.25 -0.30 -0.58	27.55 -0.26 -2.44	31.99 -0.31 -0.24	17.64 -0.14 -3.32	16.56 -0.14 -2.92	24.60 -0.26 -0.51	26.47 -0.29 -0.61	25.63 -0.26 -1.61	25.63 -0.27 -2.04	22.98 -0.22 -3.25	25.56 -0.27 -3.20	32.70 -0.28 -2.42	33.65 -0.20 -1.83	-1.82 0.06 -13.05	0.53 0.01 -11.58	2.03 0.01 -13.64	15.42 0.00 -7.85	5.19 0.01 -8.49	3.20 0.01 -7.31	-0.74 0.02 -8.95
HELLGATE_13_KV_LD 55870	39.56 1.58 -0.69	36.24 1.41 -1.82	36.18 1.39 -1.32	32.34 1.13 -1.62	32.03 1.07 -3.00	38.84 0.95 -12.52	34.56 1.25 -1.25	32.10 0.60 -17.04	29.39 0.61 -15.01	28.09 1.13 -2.62	30.53 1.26 -3.12	33.77 1.23 -8.26	35.54 1.20 -10.48	37.65 1.00 -16.69	40.14 1.08 -16.43	44.34 1.37 -12.41	42.96 1.53 -9.41	51.38 -0.71 -67.02	47.88 -0.54 -59.48	57.87 -0.59 -70.08	48.26 0.38 -40.32	40.12 -0.17 -43.59	33.21 -0.20 -37.54	35.83 -0.43 -45.98
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	39.56 1.58 -0.69	36.24 1.41 -1.82	36.18 1.39 -1.32	32.34 1.13 -1.62	32.03 1.07 -3.00	38.84 0.95 -12.52	34.56 1.25 -1.25	32.10 0.60 -17.04	29.39 0.61 -15.01	28.09 1.13 -2.62	30.53 1.26 -3.12	33.77 1.23 -8.26	35.54 1.20 -10.48	37.65 1.00 -16.69	40.14 1.08 -16.43	44.34 1.37 -12.41	42.96 1.53 -9.41	51.38 -0.71 -67.02	47.88 -0.54 -59.48	57.87 -0.59 -70.08	48.26 0.38 -40.32	40.12 -0.17 -43.59	33.21 -0.20 -37.54	35.83 -0.43 -45.98
HEMPSTEAD____ 23647	65.53 2.31 -25.92	49.27 2.00 -14.26	49.30 2.00 -13.83	32.88 1.67 -1.63	32.49 1.52 -3.01	57.57 1.43 -30.77	53.20 1.87 -19.26	63.63 0.87 -48.29	40.78 0.87 -26.13	37.43 1.60 -11.49	37.56 1.78 -9.62	43.16 1.69 -17.20	43.14 1.59 -17.69	38.37 1.30 -17.12	41.23 1.43 -17.17	44.79 1.82 -12.41	58.62 1.99 -24.61	51.17 -0.92 -67.03	47.71 -0.72 -59.50	57.71 -0.76 -70.09	48.40 0.50 -40.33	40.08 -0.21 -43.60	33.15 -0.27 -37.55	35.71 -0.56 -45.99
HEWLETT__69_KV_BK3 55828	68.75 2.76 -28.70	51.14 2.47 -15.66	51.24 2.52 -15.25	33.21 1.97 -1.66	32.87 1.86 -3.05	59.97 1.84 -32.76	64.13 2.31 -29.77	67.34 1.06 -51.82	52.03 1.03 -37.22	48.50 1.87 -22.28	49.15 2.09 -20.90	56.78 2.00 -30.51	57.16 1.88 -31.42	39.38 1.53 -17.90	41.79 1.72 -17.45	45.19 2.22 -12.41	60.72 2.39 -26.32	51.00 -1.10 -67.03	47.58 -0.86 -59.49	57.56 -0.91 -70.09	48.46 0.57 -40.32	40.04 -0.26 -43.60	33.11 -0.32 -37.55	35.60 -0.67 -45.99
HICKLING____1 23621	37.35 -0.19 -0.25	33.53 -0.14 -0.66	33.74 -0.21 -0.48	29.91 -0.26 -0.59	28.86 -0.19 -1.09	29.75 -0.17 -4.54	32.36 -0.15 -0.45	20.51 -0.14 -6.18	19.04 -0.18 -5.45	25.01 -0.29 -0.95	26.89 -0.40 -1.13	26.90 -0.37 -3.00	27.15 -0.52 -3.80	25.57 -0.44 -6.06	28.05 -0.55 -5.97	34.48 -0.57 -4.49	34.92 -0.50 -3.41	9.65 0.25 -24.33	10.63 0.09 -21.59	13.90 0.08 -25.44	22.20 0.00 -14.63	12.54 0.02 -15.82	9.53 0.02 -13.63	6.93 -0.05 -16.69
HICKLING____2 23622	37.35 -0.19 -0.25	33.53 -0.14 -0.66	33.74 -0.21 -0.48	29.91 -0.26 -0.59	28.86 -0.19 -1.09	29.75 -0.17 -4.54	32.36 -0.15 -0.45	20.51 -0.14 -6.18	19.04 -0.18 -5.45	25.01 -0.29 -0.95	26.89 -0.40 -1.13	26.90 -0.37 -3.00	27.15 -0.52 -3.80	25.57 -0.44 -6.06	28.05 -0.55 -5.97	34.48 -0.57 -4.49	34.92 -0.50 -3.41	9.65 0.25 -24.33	10.63 0.09 -21.59	13.90 0.08 -25.44	22.20 0.00 -14.63	12.54 0.02 -15.82	9.53 0.02 -13.63	6.93 -0.05 -16.69
HIGH FALLS____HY 23754	39.72 1.73 -0.69	36.36 1.51 -1.83	36.31 1.51 -1.33	32.46 1.25 -1.63	32.17 1.18 -3.03	39.08 1.09 -12.62	34.71 1.40 -1.26	32.30 0.66 -17.17	29.57 0.66 -15.12	28.20 1.21 -2.64	30.65 1.35 -3.14	33.93 1.32 -8.33	35.72 1.30 -10.56	37.86 1.08 -16.82	40.31 1.11 -16.57	44.64 1.58 -12.51	43.26 1.75 -9.49	51.79 -0.84 -67.56	48.26 -0.64 -59.96	58.33 -0.69 -70.64	48.62 0.41 -40.64	40.45 -0.19 -43.94	33.49 -0.23 -37.84	36.14 -0.49 -46.35
HILLBURN____GT 23639	39.37 1.42 -0.66	35.98 1.23 -1.74	35.96 1.23 -1.26	32.13 1.00 -1.55	31.77 0.94 -2.88	38.21 0.85 -11.99	34.34 1.09 -1.19	31.31 0.52 -16.32	28.68 0.52 -14.37	27.83 0.98 -2.51	30.24 1.11 -2.99	33.28 1.09 -7.92	34.96 1.06 -10.04	36.83 0.89 -15.99	39.32 0.95 -15.74	43.67 1.22 -11.89	42.39 1.36 -9.02	48.61 -0.66 -64.20	45.42 -0.50 -56.98	54.96 -0.55 -67.13	46.52 0.34 -38.62	38.29 -0.16 -41.75	31.64 -0.20 -35.96	33.91 -0.42 -44.05
HILLSIDE_115KV_TB1 80332	36.91 -0.64 -0.26	33.18 -0.52 -0.68	33.41 -0.56 -0.50	29.60 -0.58 -0.61	28.58 -0.50 -1.13	29.61 -0.46 -4.70	32.00 -0.54 -0.47	20.58 -0.29 -6.40	19.10 -0.32 -5.64	24.80 -0.53 -0.98	26.68 -0.65 -1.17	26.80 -0.58 -3.11	27.09 -0.72 -3.94	25.61 -0.62 -6.27	28.07 -0.74 -6.17	34.34 -0.87 -4.65	34.73 -0.81 -3.53	10.66 0.41 -25.18	11.51 0.22 -22.35	14.92 0.20 -26.33	22.63 -0.08 -15.15	13.12 0.05 -16.38	10.04 0.06 -14.11	7.59 0.03 -17.28
HISHELDN_WT_PWR 323625	36.43 -1.06 -0.20	32.62 -0.91 -0.52	32.89 -0.96 -0.38	29.12 -0.92 -0.46	28.00 -0.81 -0.86	28.16 -0.79 -3.58	31.43 -0.98 -0.36	18.71 -0.62 -4.87	17.46 -0.61 -4.29	24.10 -0.99 -0.75	25.93 -1.12 -0.89	25.61 -1.03 -2.36	25.71 -1.15 -2.99	23.80 -0.92 -4.77	26.18 -1.15 -4.70	32.53 -1.54 -3.51	33.07 -1.60 -2.65	4.87 0.65 -19.15	6.30 0.37 -17.00	8.79 0.38 -20.02	18.84 -0.25 -11.52	9.27 0.12 -12.45	6.74 0.14 -10.73	3.63 0.21 -13.14
HOLTSVILLE_IC_1 23690	71.71 3.11 -31.30	52.95 2.68 -17.25	53.00 2.69 -16.84	33.46 2.26 -1.62	33.00 2.04 -3.00	64.69 1.96 -37.36	52.74 2.56 -18.12	71.44 1.18 -55.79	37.38 1.15 -22.45	33.73 2.07 -7.31	33.41 2.27 -4.98	38.47 2.18 -12.02	37.46 2.01 -11.59	38.40 1.67 -16.77	41.72 1.87 -17.22	45.44 2.47 -12.41	63.04 2.77 -28.26	50.82 -1.28 -67.03	47.44 -1.00 -59.50	57.42 -1.05 -70.09	48.58 0.69 -40.33	40.02 -0.28 -43.60	33.07 -0.35 -37.55	35.54 -0.73 -45.99

HOLTSVILLE_IC_10 23699	71.84 3.31 -31.23	53.08 2.86 -17.21	53.13 2.86 -16.79	33.61 2.41 -1.62	33.15 2.19 -3.00	64.72 2.09 -37.26	52.94 2.73 -18.15	71.41 1.26 -55.68	37.53 1.22 -22.52	33.94 2.21 -7.39	33.62 2.40 -5.07	38.69 2.30 -12.12	37.69 2.13 -11.70	38.51 1.78 -16.78	41.85 2.00 -17.22	45.64 2.67 -12.41	63.21 2.99 -28.20	50.72 -1.39 -67.03	47.36 -1.08 -59.50	57.34 -1.14 -70.09	48.64 0.75 -40.33	40.00 -0.30 -43.60	33.05 -0.37 -37.55	35.49 -0.78 -45.99
HOLTSVILLE_IC_2 23691	71.71 3.11 -31.30	52.95 2.68 -17.25	53.00 2.69 -16.84	33.46 2.26 -1.62	33.00 2.04 -3.00	64.69 1.96 -37.36	52.74 2.56 -18.12	71.44 1.18 -55.79	37.38 1.15 -22.45	33.73 2.07 -7.31	33.41 2.27 -4.98	38.47 2.18 -12.02	37.46 2.01 -11.59	38.40 1.67 -16.77	41.72 1.87 -17.22	45.44 2.47 -12.41	63.04 2.77 -28.26	50.82 -1.28 -67.03	47.44 -1.00 -59.50	57.42 -1.05 -70.09	48.58 0.69 -40.33	40.02 -0.28 -43.60	33.07 -0.35 -37.55	35.54 -0.73 -45.99
HOLTSVILLE_IC_3 23692	71.71 3.11 -31.30	52.95 2.68 -17.25	53.00 2.69 -16.84	33.46 2.26 -1.62	33.00 2.04 -3.00	64.69 1.96 -37.36	52.74 2.56 -18.12	71.44 1.18 -55.79	37.38 1.15 -22.45	33.73 2.07 -7.31	33.41 2.27 -4.98	38.47 2.18 -12.02	37.46 2.01 -11.59	38.40 1.67 -16.77	41.72 1.87 -17.22	45.44 2.47 -12.41	63.04 2.77 -28.26	50.82 -1.28 -67.03	47.44 -1.00 -59.50	57.42 -1.05 -70.09	48.58 0.69 -40.33	40.02 -0.28 -43.60	33.07 -0.35 -37.55	35.54 -0.73 -45.99
HOLTSVILLE_IC_4 23693	71.71 3.11 -31.30	52.95 2.68 -17.25	53.00 2.69 -16.84	33.46 2.26 -1.62	33.00 2.04 -3.00	64.69 1.96 -37.36	52.74 2.56 -18.12	71.44 1.18 -55.79	37.38 1.15 -22.45	33.73 2.07 -7.31	33.41 2.27 -4.98	38.47 2.18 -12.02	37.46 2.01 -11.59	38.40 1.67 -16.77	41.72 1.87 -17.22	45.44 2.47 -12.41	63.04 2.77 -28.26	50.82 -1.28 -67.03	47.44 -1.00 -59.50	57.42 -1.05 -70.09	48.58 0.69 -40.33	40.02 -0.28 -43.60	33.07 -0.35 -37.55	35.54 -0.73 -45.99
HOLTSVILLE_IC_5 23694	71.71 3.11 -31.30	52.95 2.68 -17.25	53.00 2.69 -16.84	33.46 2.26 -1.62	33.00 2.04 -3.00	64.69 1.96 -37.36	52.74 2.56 -18.12	71.44 1.18 -55.79	37.38 1.15 -22.45	33.73 2.07 -7.31	33.41 2.27 -4.98	38.47 2.18 -12.02	37.46 2.01 -11.59	38.40 1.67 -16.77	41.72 1.87 -17.22	45.44 2.47 -12.41	63.04 2.77 -28.26	50.82 -1.28 -67.03	47.44 -1.00 -59.50	57.42 -1.05 -70.09	48.58 0.69 -40.33	40.02 -0.28 -43.60	33.07 -0.35 -37.55	35.54 -0.73 -45.99
HOLTSVILLE_IC_6 23695	71.84 3.31 -31.23	53.08 2.86 -17.21	53.13 2.86 -16.79	33.61 2.41 -1.62	33.15 2.19 -3.00	64.72 2.09 -37.26	52.94 2.73 -18.15	71.41 1.26 -55.68	37.53 1.22 -22.52	33.94 2.21 -7.39	33.62 2.40 -5.07	38.69 2.30 -12.12	37.69 2.13 -11.70	38.51 1.78 -16.78	41.85 2.00 -17.22	45.64 2.67 -12.41	63.21 2.99 -28.20	50.72 -1.39 -67.03	47.36 -1.08 -59.50	57.34 -1.14 -70.09	48.64 0.75 -40.33	40.00 -0.30 -43.60	33.05 -0.37 -37.55	35.49 -0.78 -45.99
HOLTSVILLE_IC_7 23696	71.84 3.31 -31.23	53.08 2.86 -17.21	53.13 2.86 -16.79	33.61 2.41 -1.62	33.15 2.19 -3.00	64.72 2.09 -37.26	52.94 2.73 -18.15	71.41 1.26 -55.68	37.53 1.22 -22.52	33.94 2.21 -7.39	33.62 2.40 -5.07	38.69 2.30 -12.12	37.69 2.13 -11.70	38.51 1.78 -16.78	41.85 2.00 -17.22	45.64 2.67 -12.41	63.21 2.99 -28.20	50.72 -1.39 -67.03	47.36 -1.08 -59.50	57.34 -1.14 -70.09	48.64 0.75 -40.33	40.00 -0.30 -43.60	33.05 -0.37 -37.55	35.49 -0.78 -45.99
HOLTSVILLE_IC_8 23697	71.84 3.31 -31.23	53.08 2.86 -17.21	53.13 2.86 -16.79	33.61 2.41 -1.62	33.15 2.19 -3.00	64.72 2.09 -37.26	52.94 2.73 -18.15	71.41 1.26 -55.68	37.53 1.22 -22.52	33.94 2.21 -7.39	33.62 2.40 -5.07	38.69 2.30 -12.12	37.69 2.13 -11.70	38.51 1.78 -16.78	41.85 2.00 -17.22	45.64 2.67 -12.41	63.21 2.99 -28.20	50.72 -1.39 -67.03	47.36 -1.08 -59.50	57.34 -1.14 -70.09	48.64 0.75 -40.33	40.00 -0.30 -43.60	33.05 -0.37 -37.55	35.49 -0.78 -45.99
HOLTSVILLE_IC_9 23698	71.84 3.31 -31.23	53.08 2.86 -17.21	53.13 2.86 -16.79	33.61 2.41 -1.62	33.15 2.19 -3.00	64.72 2.09 -37.26	52.94 2.73 -18.15	71.41 1.26 -55.68	37.53 1.22 -22.52	33.94 2.21 -7.39	33.62 2.40 -5.07	38.69 2.30 -12.12	37.69 2.13 -11.70	38.51 1.78 -16.78	41.85 2.00 -17.22	45.64 2.67 -12.41	63.21 2.99 -28.20	50.72 -1.39 -67.03	47.36 -1.08 -59.50	57.34 -1.14 -70.09	48.64 0.75 -40.33	40.00 -0.30 -43.60	33.05 -0.37 -37.55	35.49 -0.78 -45.99
HOMER_HL_115KV_TB2 355744	37.50 0.01 -0.20	33.51 -0.03 -0.52	33.87 0.02 -0.38	29.93 -0.11 -0.46	28.69 -0.13 -0.86	28.78 -0.17 -3.58	32.33 -0.10 -0.36	19.13 -0.22 -4.88	17.78 -0.29 -4.30	24.66 -0.43 -0.75	26.46 -0.59 -0.89	26.02 -0.62 -2.37	26.08 -0.78 -3.00	24.06 -0.67 -4.78	26.49 -0.84 -4.70	33.04 -1.04 -3.52	33.79 -0.89 -2.66	4.61 0.35 -19.19	6.13 0.16 -17.03	8.59 0.14 -20.06	19.12 0.01 -11.54	9.18 0.00 -12.48	6.62 -0.01 -10.75	3.31 -0.14 -13.16
HOWARD_WT_PWR 323690	36.60 -0.92 -0.22	32.85 -0.73 -0.58	32.89 -1.00 -0.42	29.19 -0.90 -0.51	28.14 -0.78 -0.95	28.70 -0.64 -3.97	31.78 -0.68 -0.40	19.33 -0.54 -5.41	17.99 -0.55 -4.76	24.29 -0.89 -0.83	26.11 -1.04 -0.99	25.93 -0.96 -2.62	26.14 -1.05 -3.33	24.34 -0.91 -5.30	26.65 -1.19 -5.22	32.90 -1.59 -3.93	33.20 -1.79 -2.98	7.22 0.87 -21.27	8.35 0.52 -18.88	11.19 0.56 -22.25	19.98 -0.39 -12.80	10.69 0.16 -13.84	7.96 0.17 -11.92	5.18 0.31 -14.60
HQ_GEN_CEDARS 23644	37.16 -0.16 -0.03	33.19 0.10 -0.08	33.65 0.12 -0.06	29.82 0.17 -0.07	28.32 0.23 -0.13	26.17 0.24 -0.56	32.29 0.17 -0.06	15.34 0.10 -0.77	14.60 0.14 -0.68	24.63 0.16 -0.12	26.37 0.08 -0.14	24.35 -0.29 -0.37	24.62 0.28 -0.47	20.86 0.15 -0.75	23.91 0.54 -0.74	31.94 0.82 -0.56	32.73 0.29 -0.42	-11.63 0.28 -3.02	-7.66 0.72 -2.68	-7.58 0.88 -3.15	8.70 -0.68 -1.82	-1.09 0.25 -1.96	-2.18 0.26 -1.69	-7.04 0.60 -2.07
HQ_GEN_CEDARS_PROXY 323590	37.16 -0.16 -0.03	33.22 0.13 -0.08	33.65 0.12 -0.06	29.82 0.16 -0.07	28.32 0.22 -0.13	26.16 0.22 -0.56	32.30 0.18 -0.06	15.33 0.10 -0.77	14.60 0.14 -0.68	24.62 0.15 -0.12	26.37 0.08 -0.14	24.35 -0.29 -0.37	24.62 0.28 -0.47	20.93 0.15 -0.82	23.94 0.54 -0.77	31.97 0.85 -0.56	32.75 0.31 -0.42	-11.63 0.28 -3.02	-7.66 0.72 -2.68	-7.57 0.88 -3.15	8.70 -0.68 -1.82	-0.74 0.25 -2.31	-2.18 0.26 -1.69	-7.04 0.60 -2.07
HQ_GEN_IMPORT 323601	37.30 0.00 0.00	33.01 0.00 0.00	33.47 0.00 0.00	29.58 0.00 0.00	27.96 0.00 0.00	25.37 0.00 0.00	32.06 0.00 0.00	14.47 0.00 0.00	13.78 0.00 0.00	24.35 0.00 0.00	26.16 0.00 0.00	24.27 0.00 0.00	23.86 0.00 0.00	19.96 0.00 0.00	22.63 0.00 0.00	30.56 0.00 0.00	32.02 0.00 0.00	-14.93 0.00 0.00	-11.06 0.00 0.00	-11.61 0.00 0.00	7.57 0.00 0.00	-3.30 0.00 0.00	-4.13 0.00 0.00	-9.72 0.00 0.00
HQ_GEN_WHEEL 23651	37.30 0.00 0.00	33.01 0.00 0.00	33.47 0.00 0.00	29.58 0.00 0.00	27.96 0.00 0.00	25.37 0.00 0.00	32.06 0.00 0.00	14.47 0.00 0.00	13.78 0.00 0.00	24.35 0.00 0.00	26.16 0.00 0.00	24.27 0.00 0.00	23.86 0.00 0.00	19.96 0.00 0.00	22.63 0.00 0.00	30.56 0.00 0.00	32.02 0.00 0.00	-14.93 0.00 0.00	-11.06 0.00 0.00	-11.61 0.00 0.00	7.57 0.00 0.00	-3.30 0.00 0.00	-4.13 0.00 0.00	-9.72 0.00 0.00

HUDSON AVE_GT_3 23810	39.59 1.61 -0.69	36.24 1.42 -1.82	36.20 1.41 -1.32	32.35 1.15 -1.62	32.05 1.09 -3.00	38.84 0.95 -12.52	34.56 1.25 -1.25	32.11 0.61 -17.03	29.41 0.62 -15.00	28.12 1.16 -2.62	30.56 1.29 -3.12	33.81 1.27 -8.26	35.58 1.23 -10.48	37.67 1.03 -16.69	40.17 1.11 -16.43	44.36 1.39 -12.41	42.96 1.53 -9.41	51.37 -0.72 -67.01	47.87 -0.54 -59.48	57.86 -0.60 -70.07	48.26 0.38 -40.32	40.11 -0.17 -43.59	33.20 -0.21 -37.54	35.82 -0.44 -45.98
HUDSON AVE_GT_4 23540	39.59 1.61 -0.69	36.24 1.42 -1.82	36.20 1.41 -1.32	32.35 1.15 -1.62	32.05 1.09 -3.00	38.84 0.95 -12.52	34.56 1.25 -1.25	32.11 0.61 -17.03	29.41 0.62 -15.00	28.12 1.16 -2.62	30.56 1.29 -3.12	33.81 1.27 -8.26	35.58 1.23 -10.48	37.67 1.03 -16.69	40.17 1.11 -16.43	44.36 1.39 -12.41	42.96 1.53 -9.41	51.37 -0.72 -67.01	47.87 -0.54 -59.48	57.86 -0.60 -70.07	48.26 0.38 -40.32	40.11 -0.17 -43.59	33.20 -0.21 -37.54	35.82 -0.44 -45.98
HUDSON AVE_GT_5 23657	39.59 1.61 -0.69	36.24 1.42 -1.82	36.20 1.41 -1.32	32.35 1.15 -1.62	32.05 1.09 -3.00	38.84 0.95 -12.52	34.56 1.25 -1.25	32.11 0.61 -17.03	29.41 0.62 -15.00	28.12 1.16 -2.62	30.56 1.29 -3.12	33.81 1.27 -8.26	35.58 1.23 -10.48	37.67 1.03 -16.69	40.17 1.11 -16.43	44.36 1.39 -12.41	42.96 1.53 -9.41	51.37 -0.72 -67.01	47.87 -0.54 -59.48	57.86 -0.60 -70.07	48.26 0.38 -40.32	40.11 -0.17 -43.59	33.20 -0.21 -37.54	35.82 -0.44 -45.98
HUDSON_AVE_10 24168	39.40 1.41 -0.69	36.09 1.26 -1.82	36.02 1.23 -1.32	32.18 0.98 -1.62	31.91 0.95 -3.00	38.71 0.82 -12.52	34.40 1.09 -1.25	32.04 0.54 -17.03	29.34 0.55 -15.00	28.00 1.03 -2.62	30.42 1.15 -3.12	33.67 1.13 -8.26	35.45 1.11 -10.48	37.56 0.92 -16.69	40.04 0.98 -16.43	44.18 1.21 -12.41	42.77 1.34 -9.41	51.46 -0.63 -67.01	47.94 -0.48 -59.48	57.94 -0.52 -70.07	48.22 0.34 -40.32	40.13 -0.15 -43.59	33.23 -0.19 -37.54	35.87 -0.39 -45.98
HUDSON___115KV_TB 4 355613	40.37 2.26 -0.81	37.14 1.99 -2.13	37.05 2.03 -1.55	33.36 1.88 -1.90	33.25 1.77 -3.52	41.62 1.57 -14.67	35.56 2.03 -1.46	35.34 0.89 -19.98	32.15 0.78 -17.60	28.81 1.40 -3.07	31.24 1.43 -3.66	35.18 1.21 -9.69	37.44 1.29 -12.29	40.62 1.09 -19.57	43.21 1.32 -19.27	46.81 1.70 -14.55	44.91 1.85 -11.04	62.80 -0.86 -78.59	58.07 -0.62 -69.75	69.93 -0.63 -82.18	55.24 0.40 -47.28	47.65 -0.16 -51.11	39.71 -0.19 -44.02	43.78 -0.42 -53.92
HUNTER MOUNT___DRP 323613	40.73 2.64 -0.79	37.41 2.31 -2.08	37.34 2.36 -1.51	33.62 2.19 -1.86	33.46 2.06 -3.44	41.56 1.85 -14.35	35.88 2.39 -1.43	35.05 1.06 -19.53	31.92 0.94 -17.20	29.00 1.66 -3.00	31.38 1.65 -3.57	35.17 1.42 -9.47	37.40 1.53 -12.01	40.37 1.28 -19.13	43.03 1.56 -18.84	46.80 2.02 -14.22	45.03 2.22 -10.79	60.85 -1.04 -76.82	56.37 -0.75 -68.18	67.95 -0.76 -80.33	54.26 0.48 -46.21	46.47 -0.19 -49.96	38.68 -0.23 -43.03	42.48 -0.51 -52.71
HUNTINGTON_RES_REC 323705	71.42 2.95 -31.18	52.75 2.56 -17.18	52.79 2.55 -16.77	33.35 2.15 -1.62	32.90 1.94 -3.00	64.43 1.85 -37.20	52.63 2.43 -18.14	71.20 1.11 -55.62	37.40 1.10 -22.52	33.74 2.00 -7.39	33.43 2.20 -5.07	38.49 2.09 -12.12	37.51 1.93 -11.71	38.32 1.59 -16.78	41.62 1.78 -17.22	45.30 2.33 -12.41	62.79 2.60 -28.17	50.91 -1.20 -67.03	47.50 -0.94 -59.50	57.49 -0.99 -70.09	48.55 0.65 -40.33	40.03 -0.26 -43.60	33.10 -0.32 -37.55	35.58 -0.68 -45.99
HUNTLEY___63 23557	36.60 -0.88 -0.18	32.73 -0.76 -0.48	33.05 -0.77 -0.35	29.23 -0.77 -0.43	28.05 -0.70 -0.79	27.93 -0.73 -3.28	31.54 -0.85 -0.33	18.28 -0.66 -4.47	17.13 -0.58 -3.94	24.07 -0.97 -0.68	25.87 -1.10 -0.82	25.47 -0.97 -2.17	25.52 -1.10 -2.75	23.43 -0.90 -4.38	25.85 -1.08 -4.31	32.35 -1.42 -3.21	33.07 -1.38 -2.43	3.14 0.48 -17.58	4.73 0.19 -15.60	6.96 0.19 -18.38	18.09 -0.06 -10.57	8.19 0.05 -11.43	5.79 0.07 -9.85	2.39 0.04 -12.06
HUNTLEY___64 23558	36.60 -0.88 -0.18	32.73 -0.76 -0.48	33.05 -0.77 -0.35	29.23 -0.77 -0.43	28.05 -0.70 -0.79	27.93 -0.73 -3.28	31.54 -0.85 -0.33	18.28 -0.66 -4.47	17.13 -0.58 -3.94	24.07 -0.97 -0.68	25.87 -1.10 -0.82	25.47 -0.97 -2.17	25.52 -1.10 -2.75	23.43 -0.90 -4.38	25.85 -1.08 -4.31	32.35 -1.42 -3.21	33.07 -1.38 -2.43	3.14 0.48 -17.58	4.73 0.19 -15.60	6.96 0.19 -18.38	18.09 -0.06 -10.57	8.19 0.05 -11.43	5.79 0.07 -9.85	2.39 0.04 -12.06
HUNTLEY___65 23559	36.60 -0.88 -0.18	32.73 -0.76 -0.48	33.05 -0.77 -0.35	29.23 -0.77 -0.43	28.05 -0.70 -0.79	27.93 -0.73 -3.28	31.54 -0.85 -0.33	18.28 -0.66 -4.47	17.13 -0.58 -3.94	24.07 -0.97 -0.68	25.87 -1.10 -0.82	25.47 -0.97 -2.17	25.52 -1.10 -2.75	23.43 -0.90 -4.38	25.85 -1.08 -4.31	32.35 -1.42 -3.21	33.07 -1.38 -2.43	3.14 0.48 -17.58	4.73 0.19 -15.60	6.96 0.19 -18.38	18.09 -0.06 -10.57	8.19 0.05 -11.43	5.79 0.07 -9.85	2.39 0.04 -12.06
HUNTLEY___66 23560	36.60 -0.88 -0.18	32.73 -0.76 -0.48	33.05 -0.77 -0.35	29.23 -0.77 -0.43	28.05 -0.70 -0.79	27.93 -0.73 -3.28	31.54 -0.85 -0.33	18.28 -0.66 -4.47	17.13 -0.58 -3.94	24.07 -0.97 -0.68	25.87 -1.10 -0.82	25.47 -0.97 -2.17	25.52 -1.10 -2.75	23.43 -0.90 -4.38	25.85 -1.08 -4.31	32.35 -1.42 -3.21	33.07 -1.38 -2.43	3.14 0.48 -17.58	4.73 0.19 -15.60	6.96 0.19 -18.38	18.09 -0.06 -10.57	8.19 0.05 -11.43	5.79 0.07 -9.85	2.39 0.04 -12.06
HUNTLEY___67 23561	36.41 -1.07 -0.18	32.55 -0.95 -0.48	32.89 -0.93 -0.35	29.09 -0.92 -0.43	27.91 -0.84 -0.80	27.86 -0.84 -3.32	31.36 -1.03 -0.33	18.30 -0.69 -4.52	17.13 -0.64 -3.98	23.95 -1.09 -0.69	25.77 -1.21 -0.83	25.37 -1.09 -2.19	25.44 -1.20 -2.78	23.42 -0.96 -4.43	25.83 -1.16 -4.36	32.23 -1.58 -3.25	32.93 -1.54 -2.45	3.42 0.55 -17.79	4.97 0.24 -15.79	7.23 0.24 -18.61	18.15 -0.12 -10.70	8.34 0.07 -11.57	5.93 0.08 -9.97	2.58 0.09 -12.21
HUNTLEY___68 23562	36.41 -1.07 -0.18	32.55 -0.95 -0.48	32.89 -0.93 -0.35	29.09 -0.92 -0.43	27.91 -0.84 -0.80	27.86 -0.84 -3.32	31.36 -1.03 -0.33	18.30 -0.69 -4.52	17.13 -0.64 -3.98	23.95 -1.09 -0.69	25.77 -1.21 -0.83	25.37 -1.09 -2.19	25.44 -1.20 -2.78	23.42 -0.96 -4.43	25.83 -1.16 -4.36	32.23 -1.58 -3.25	32.93 -1.54 -2.45	3.42 0.55 -17.79	4.97 0.24 -15.79	7.23 0.24 -18.61	18.15 -0.12 -10.70	8.34 0.07 -11.57	5.93 0.08 -9.97	2.58 0.09 -12.21
HYLAND___LFGE 323620	38.52 1.03 -0.19	34.37 0.85 -0.51	34.66 0.81 -0.37	30.71 0.67 -0.46	29.49 0.69 -0.85	29.53 0.63 -3.53	33.33 0.91 -0.35	19.56 0.29 -4.80	18.16 0.15 -4.23	24.72 -0.37 -0.74	26.67 -0.36 -0.88	26.27 -0.33 -2.33	26.39 -0.42 -2.95	24.32 -0.33 -4.70	26.95 -0.31 -4.63	34.22 0.17 -3.49	35.25 0.60 -2.64	3.53 -0.43 -18.88	5.24 -0.46 -16.76	7.63 -0.49 -19.74	19.21 0.29 -11.36	8.86 -0.12 -12.28	6.31 -0.15 -10.58	2.86 -0.38 -12.95
INDECK___CORINTH 23802	40.57 2.42 -0.86	37.35 2.08 -2.26	37.35 2.23 -1.64	33.58 1.99 -2.01	33.58 1.89 -3.73	42.66 1.73 -15.56	35.82 2.21 -1.55	36.67 1.02 -21.18	33.36 0.93 -18.66	29.15 1.55 -3.25	31.60 1.57 -3.87	36.16 1.61 -10.28	38.43 1.54 -13.03	41.70 0.99 -20.75	43.91 0.85 -20.43	46.79 0.80 -15.43	44.58 0.86 -11.70	67.99 -0.41 -83.33	62.62 -0.28 -73.96	75.25 -0.27 -87.13	57.87 0.17 -50.13	50.84 -0.05 -54.20	42.47 -0.09 -46.68	46.90 -0.55 -57.17

INDECK___ILION 23567	37.76 0.44 -0.02	33.45 0.38 -0.06	33.89 0.37 -0.04	29.96 0.32 -0.05	28.36 0.31 -0.09	26.04 0.27 -0.40	32.45 0.35 -0.04	15.18 0.18 -0.54	14.38 0.13 -0.48	24.64 0.21 -0.08	26.48 0.22 -0.10	24.75 0.22 -0.26	24.44 0.24 -0.33	20.70 0.22 -0.53	23.42 0.26 -0.52	31.19 0.24 -0.40	32.67 0.35 -0.30	-12.97 -0.17 -2.13	-9.28 -0.10 -1.89	-9.51 -0.12 -2.23	8.87 0.03 -1.28	-1.94 -0.02 -1.38	-2.96 -0.02 -1.19	-8.30 -0.04 -1.46
INDECK___OLEAN 23982	37.49 0.00 -0.20	33.48 -0.05 -0.52	33.87 0.02 -0.38	29.93 -0.11 -0.46	28.69 -0.13 -0.86	28.80 -0.15 -3.58	32.32 -0.10 -0.36	19.13 -0.22 -4.88	17.78 -0.30 -4.30	24.66 -0.43 -0.75	26.47 -0.58 -0.89	26.03 -0.61 -2.37	26.09 -0.78 -3.00	24.06 -0.67 -4.78	26.50 -0.84 -4.70	33.04 -1.04 -3.52	33.78 -0.90 -2.66	4.61 0.35 -19.19	6.13 0.16 -17.03	8.60 0.15 -20.06	19.11 0.00 -11.54	9.18 0.00 -12.48	6.62 0.00 -10.75	3.31 -0.14 -13.16
INDECK___OSWEGO 23783	36.61 -0.81 -0.12	32.58 -0.74 -0.31	32.96 -0.74 -0.23	29.20 -0.66 -0.28	27.87 -0.61 -0.52	26.99 -0.55 -2.17	31.59 -0.69 -0.21	17.10 -0.31 -2.95	16.07 -0.30 -2.60	24.24 -0.56 -0.45	26.07 -0.62 -0.54	25.13 -0.58 -1.43	25.11 -0.57 -1.81	22.38 -0.46 -2.89	24.94 -0.53 -2.84	32.04 -0.67 -2.15	33.01 -0.64 -1.63	-3.07 0.27 -11.59	-0.60 0.18 -10.29	0.69 0.18 -12.12	14.42 -0.12 -6.98	4.29 0.05 -7.54	2.44 0.07 -6.49	-1.60 0.16 -7.95
INDECK___YERKES 23781	36.61 -0.86 -0.18	32.75 -0.74 -0.48	33.07 -0.75 -0.35	29.25 -0.75 -0.43	28.07 -0.68 -0.79	27.95 -0.70 -3.28	31.55 -0.84 -0.33	18.29 -0.65 -4.47	17.14 -0.57 -3.94	24.08 -0.95 -0.68	25.89 -1.08 -0.82	25.49 -0.95 -2.17	25.55 -1.06 -2.75	23.45 -0.88 -4.38	25.87 -1.06 -4.31	32.38 -1.39 -3.21	33.08 -1.36 -2.43	3.12 0.47 -17.58	4.72 0.17 -15.60	6.95 0.19 -18.38	18.08 -0.07 -10.57	8.18 0.05 -11.43	5.79 0.06 -9.85	2.38 0.04 -12.06
INDIAN POINT_GT_1 24139	39.43 1.45 -0.68	36.09 1.27 -1.80	36.06 1.27 -1.31	32.22 1.04 -1.60	31.92 0.99 -2.98	38.66 0.88 -12.40	34.43 1.13 -1.23	31.89 0.54 -16.88	29.19 0.54 -14.87	27.95 1.01 -2.59	30.38 1.14 -3.09	33.58 1.12 -8.19	35.33 1.08 -10.38	37.40 0.90 -16.54	39.89 0.97 -16.29	44.10 1.24 -12.30	42.71 1.37 -9.33	50.83 -0.66 -66.42	47.39 -0.50 -58.95	57.29 -0.54 -69.45	47.87 0.35 -39.96	39.74 -0.15 -43.20	32.89 -0.19 -37.20	35.44 -0.41 -45.57
INDIAN POINT_GT_2 23659	39.43 1.45 -0.68	36.09 1.27 -1.80	36.06 1.27 -1.31	32.22 1.04 -1.60	31.92 0.99 -2.98	38.66 0.88 -12.40	34.43 1.13 -1.23	31.89 0.54 -16.88	29.19 0.54 -14.87	27.95 1.01 -2.59	30.38 1.14 -3.09	33.58 1.12 -8.19	35.33 1.08 -10.38	37.40 0.90 -16.54	39.89 0.97 -16.29	44.10 1.24 -12.30	42.71 1.37 -9.33	50.83 -0.66 -66.42	47.39 -0.50 -58.95	57.29 -0.54 -69.45	47.87 0.35 -39.96	39.74 -0.15 -43.20	32.89 -0.19 -37.20	35.44 -0.41 -45.57
INDIAN POINT_GT_3 24019	39.43 1.45 -0.68	36.09 1.27 -1.80	36.06 1.27 -1.31	32.22 1.04 -1.60	31.92 0.99 -2.98	38.66 0.88 -12.40	34.43 1.13 -1.23	31.89 0.54 -16.88	29.19 0.54 -14.87	27.95 1.01 -2.59	30.38 1.14 -3.09	33.58 1.12 -8.19	35.33 1.08 -10.38	37.40 0.90 -16.54	39.89 0.97 -16.29	44.10 1.24 -12.30	42.71 1.37 -9.33	50.83 -0.66 -66.42	47.39 -0.50 -58.95	57.29 -0.54 -69.45	47.87 0.35 -39.96	39.74 -0.15 -43.20	32.89 -0.19 -37.20	35.44 -0.41 -45.57
INDIAN POINT___2 23530	39.38 1.41 -0.67	36.02 1.23 -1.78	35.99 1.22 -1.29	32.16 1.00 -1.59	31.84 0.94 -2.94	38.47 0.84 -12.25	34.37 1.09 -1.22	31.66 0.52 -16.68	28.99 0.52 -14.69	27.88 0.97 -2.56	30.30 1.10 -3.05	33.44 1.08 -8.09	35.16 1.05 -10.25	37.17 0.87 -16.34	39.66 0.94 -16.09	43.90 1.19 -12.15	42.56 1.32 -9.21	50.04 -0.64 -65.60	46.69 -0.48 -58.23	56.46 -0.53 -68.60	47.37 0.34 -39.47	39.21 -0.15 -42.67	32.43 -0.19 -36.75	34.89 -0.40 -45.01
INDIAN POINT___3 23531	39.41 1.42 -0.68	36.07 1.25 -1.80	36.03 1.25 -1.31	32.21 1.03 -1.61	31.90 0.97 -2.98	38.65 0.87 -12.41	34.42 1.12 -1.23	31.89 0.53 -16.89	29.19 0.53 -14.88	27.93 0.99 -2.59	30.36 1.12 -3.09	33.56 1.10 -8.20	35.32 1.06 -10.39	37.39 0.89 -16.55	39.88 0.96 -16.29	44.08 1.22 -12.30	42.69 1.34 -9.34	50.88 -0.64 -66.45	47.44 -0.49 -58.98	57.34 -0.53 -69.49	47.89 0.34 -39.98	39.77 -0.15 -43.22	32.91 -0.19 -37.23	35.47 -0.41 -45.59
INGHAM_C_115KV_TB7 356103	38.13 0.81 -0.02	33.78 0.71 -0.06	34.17 0.66 -0.04	30.20 0.57 -0.05	28.60 0.54 -0.09	26.25 0.48 -0.40	32.70 0.60 -0.04	15.32 0.32 -0.54	14.46 0.21 -0.48	24.75 0.32 -0.08	26.61 0.36 -0.10	24.92 0.39 -0.26	24.61 0.41 -0.33	20.87 0.39 -0.53	23.59 0.44 -0.52	31.30 0.35 -0.40	32.95 0.64 -0.30	-13.13 -0.33 -2.13	-9.39 -0.22 -1.89	-9.66 -0.27 -2.23	8.91 0.06 -1.28	-1.97 -0.05 -1.38	-2.98 -0.05 -1.19	-8.35 -0.09 -1.46
IP CORINTH___1 23988	40.56 2.41 -0.86	37.35 2.08 -2.26	37.35 2.23 -1.64	33.58 1.99 -2.01	33.58 1.88 -3.73	42.66 1.73 -15.56	35.82 2.21 -1.55	36.67 1.02 -21.18	33.36 0.93 -18.66	29.15 1.55 -3.25	31.60 1.57 -3.87	36.17 1.61 -10.28	38.43 1.54 -13.03	41.73 1.03 -20.75	44.02 0.96 -20.43	46.96 0.97 -15.43	44.76 1.04 -11.70	67.91 -0.49 -83.33	62.56 -0.34 -73.96	75.18 -0.34 -87.13	57.90 0.21 -50.13	50.82 -0.07 -54.20	42.44 -0.11 -46.68	46.89 -0.56 -57.17
IP___TICONDEROGA 23804	41.23 3.07 -0.86	37.88 2.61 -2.26	37.80 2.69 -1.64	34.01 2.41 -2.01	34.19 2.50 -3.73	43.24 2.33 -15.54	36.56 2.95 -1.55	36.97 1.35 -21.15	33.62 1.21 -18.63	29.68 2.09 -3.25	32.31 2.29 -3.87	36.96 2.42 -10.26	39.21 2.34 -13.01	42.52 1.85 -20.72	45.03 2.00 -20.40	48.35 2.38 -15.41	46.26 2.56 -11.69	67.07 -1.22 -83.22	61.95 -0.85 -73.86	74.56 -0.85 -87.02	58.13 0.51 -50.06	50.63 -0.19 -54.13	42.26 -0.23 -46.62	46.66 -0.72 -57.09
ISLIP_RES_REC 323679	71.94 3.47 -31.17	53.18 2.99 -17.18	53.22 2.98 -16.77	33.71 2.52 -1.62	33.25 2.29 -3.00	64.76 2.19 -37.20	53.10 2.86 -18.18	71.41 1.33 -55.61	37.63 1.28 -22.57	34.09 2.30 -7.44	33.78 2.49 -5.13	38.84 2.38 -12.18	37.86 2.22 -11.77	38.60 1.86 -16.78	41.94 2.09 -17.22	45.77 2.80 -12.41	63.34 3.16 -28.17	50.64 -1.46 -67.03	47.31 -1.13 -59.50	57.28 -1.20 -70.09	48.68 0.79 -40.33	39.98 -0.31 -43.60	33.03 -0.39 -37.55	35.45 -0.82 -45.99
JAMAICA__27_KV_LOAD 355505	39.49 1.51 -0.69	36.20 1.37 -1.82	36.03 1.23 -1.32	32.19 0.99 -1.62	31.95 0.99 -3.00	38.76 0.87 -12.52	34.46 1.15 -1.25	32.07 0.57 -17.03	29.37 0.59 -15.00	28.06 1.10 -2.62	30.48 1.21 -3.12	33.73 1.19 -8.26	35.50 1.16 -10.48	37.61 0.97 -16.69	40.08 1.02 -16.43	44.22 1.26 -12.41	42.82 1.39 -9.41	51.44 -0.65 -67.01	47.94 -0.48 -59.48	57.93 -0.53 -70.07	48.23 0.35 -40.32	40.13 -0.15 -43.59	33.22 -0.19 -37.54	35.86 -0.40 -45.98
JANIS___SOLAR 323808	39.07 1.52 -0.26	35.09 1.40 -0.68	35.37 1.41 -0.49	31.26 1.08 -0.60	30.09 1.01 -1.12	30.97 0.93 -4.66	33.72 1.19 -0.46	21.34 0.53 -6.35	19.84 0.47 -5.59	25.92 0.60 -0.97	27.95 0.63 -1.16	28.04 0.69 -3.08	28.13 0.36 -3.90	26.50 0.33 -6.22	29.14 0.39 -6.12	36.09 0.91 -4.62	36.92 1.40 -3.50	9.36 -0.68 -24.96	10.58 -0.52 -22.16	13.94 -0.55 -26.10	22.97 0.38 -15.02	12.78 -0.16 -16.24	9.66 -0.20 -13.98	7.02 -0.39 -17.13

JARVIS____ 23743	37.37 0.05 -0.02	33.12 0.04 -0.06	33.57 0.06 -0.04	29.70 0.07 -0.05	28.11 0.06 -0.09	25.82 0.05 -0.40	32.17 0.07 -0.04	15.04 0.03 -0.54	14.28 0.03 -0.48	24.47 0.04 -0.08	26.29 0.04 -0.10	24.56 0.02 -0.26	24.23 0.03 -0.33	20.51 0.02 -0.53	23.19 0.04 -0.52	30.98 0.03 -0.40	32.31 0.00 -0.30	-12.78 0.02 -2.13	-9.13 0.04 -1.89	-9.34 0.05 -2.23	8.81 -0.03 -1.28	-1.90 0.01 -1.38	-2.92 0.02 -1.19	-8.22 0.03 -1.46
JENNISON____1 23625	38.88 1.27 -0.31	35.02 1.19 -0.82	35.29 1.22 -0.59	31.19 0.88 -0.73	30.14 0.83 -1.35	31.64 0.65 -5.62	33.40 0.78 -0.56	22.43 0.32 -7.65	20.84 0.33 -6.73	26.04 0.52 -1.17	28.34 0.78 -1.40	28.66 0.68 -3.71	28.95 0.38 -4.70	27.71 0.26 -7.49	30.26 0.25 -7.37	36.64 0.52 -5.56	37.08 0.85 -4.22	14.84 -0.31 -30.08	15.39 -0.24 -26.69	19.60 -0.23 -31.45	25.88 0.22 -18.09	16.14 -0.12 -19.56	12.53 -0.19 -16.85	10.63 -0.29 -20.63
JENNISON____2 23626	38.88 1.27 -0.31	35.02 1.19 -0.82	35.29 1.22 -0.59	31.19 0.88 -0.73	30.14 0.83 -1.35	31.64 0.65 -5.62	33.40 0.78 -0.56	22.43 0.32 -7.65	20.84 0.33 -6.73	26.04 0.52 -1.17	28.34 0.78 -1.40	28.66 0.68 -3.71	28.95 0.38 -4.70	27.71 0.26 -7.49	30.26 0.25 -7.37	36.64 0.52 -5.56	37.08 0.85 -4.22	14.84 -0.31 -30.08	15.39 -0.24 -26.69	19.60 -0.23 -31.45	25.88 0.22 -18.09	16.14 -0.12 -19.56	12.53 -0.19 -16.85	10.63 -0.29 -20.63
JERICHO_RISE_WT_PWR 323719	36.77 -0.56 -0.03	33.06 -0.03 -0.08	33.54 0.02 -0.06	29.78 0.13 -0.07	28.34 0.26 -0.13	26.20 0.30 -0.53	32.37 0.25 -0.05	15.32 0.13 -0.72	14.61 0.20 -0.63	24.74 0.28 -0.11	26.49 0.21 -0.13	24.59 -0.03 -0.35	24.67 0.36 -0.44	20.87 0.21 -0.70	23.96 0.64 -0.70	32.10 1.02 -0.52	32.88 0.47 -0.40	-11.82 0.28 -2.83	-7.68 0.87 -2.51	-7.64 1.01 -2.96	8.48 -0.79 -1.70	-1.12 0.34 -1.84	-2.19 0.35 -1.58	-6.96 0.82 -1.94
KATONAH____115KV_46KV_TB4 355592	39.80 1.80 -0.70	36.44 1.59 -1.84	36.40 1.59 -1.34	32.55 1.33 -1.64	32.26 1.26 -3.04	39.17 1.13 -12.67	34.79 1.47 -1.26	32.40 0.69 -17.24	29.66 0.69 -15.19	28.29 1.29 -2.65	30.75 1.44 -3.16	34.02 1.38 -8.36	35.80 1.33 -10.60	37.94 1.10 -16.89	40.46 1.20 -16.63	44.67 1.55 -12.56	43.24 1.70 -9.53	52.09 -0.81 -67.83	48.53 -0.61 -60.21	58.66 -0.65 -70.93	48.79 0.42 -40.81	40.63 -0.18 -44.12	33.65 -0.23 -38.00	36.34 -0.48 -46.54
KCE_NY_1 323755	40.24 2.09 -0.85	37.11 1.85 -2.25	37.01 1.90 -1.64	33.26 1.67 -2.01	33.28 1.60 -3.72	42.36 1.47 -15.52	35.47 1.87 -1.54	36.44 0.85 -21.13	33.16 0.77 -18.60	28.92 1.33 -3.24	31.42 1.40 -3.87	35.91 1.39 -10.25	38.20 1.34 -12.99	41.72 1.07 -20.69	44.18 1.18 -20.38	47.41 1.46 -15.39	45.24 1.55 -11.67	67.44 -0.73 -83.10	62.17 -0.53 -73.76	74.73 -0.55 -86.89	57.91 0.35 -49.99	50.61 -0.14 -54.05	42.25 -0.18 -46.55	46.79 -0.50 -57.01
KCE_NY_6_ESR 323823	36.72 -0.77 -0.19	32.83 -0.68 -0.49	33.16 -0.67 -0.36	29.33 -0.69 -0.44	28.15 -0.63 -0.81	28.14 -0.62 -3.39	31.66 -0.74 -0.34	18.54 -0.55 -4.62	17.33 -0.52 -4.07	24.18 -0.88 -0.71	26.02 -0.98 -0.85	25.62 -0.89 -2.24	25.71 -1.00 -2.84	23.70 -0.78 -4.53	26.14 -0.95 -4.46	32.59 -1.29 -3.32	33.28 -1.25 -2.51	3.67 0.42 -18.18	5.24 0.16 -16.14	7.56 0.17 -19.01	18.40 -0.11 -10.94	8.58 0.05 -11.82	6.13 0.06 -10.18	2.80 0.05 -12.47
KEDC_PORT_JEFF_GT2 24210	71.80 3.26 -31.25	53.04 2.81 -17.22	53.08 2.80 -16.81	33.55 2.36 -1.62	33.10 2.14 -3.00	64.71 2.05 -37.29	52.87 2.67 -18.14	71.42 1.24 -55.72	37.48 1.20 -22.50	33.87 2.17 -7.36	33.56 2.37 -5.03	38.62 2.26 -12.08	37.62 2.10 -11.66	38.48 1.75 -16.77	41.81 1.96 -17.22	45.58 2.61 -12.41	63.17 2.93 -28.22	50.75 -1.36 -67.03	47.38 -1.05 -59.50	57.37 -1.11 -70.09	48.62 0.73 -40.33	40.00 -0.29 -43.60	33.06 -0.37 -37.55	35.51 -0.76 -45.99
KEDC_PORT_JEFF_GT3 24211	71.80 3.26 -31.25	53.04 2.81 -17.22	53.08 2.80 -16.81	33.55 2.36 -1.62	33.10 2.14 -3.00	64.71 2.05 -37.29	52.87 2.67 -18.14	71.42 1.24 -55.72	37.48 1.20 -22.50	33.87 2.17 -7.36	33.56 2.37 -5.03	38.62 2.26 -12.08	37.62 2.10 -11.66	38.48 1.75 -16.77	41.81 1.96 -17.22	45.58 2.61 -12.41	63.17 2.93 -28.22	50.75 -1.36 -67.03	47.38 -1.05 -59.50	57.37 -1.11 -70.09	48.62 0.73 -40.33	40.00 -0.29 -43.60	33.06 -0.37 -37.55	35.51 -0.76 -45.99
KEDC_GLWD_GT4 24219	62.68 2.24 -23.15	47.68 1.94 -12.72	47.71 1.95 -12.28	32.84 1.63 -1.63	32.47 1.50 -3.01	54.16 1.39 -27.40	51.41 1.82 -17.53	59.74 0.85 -44.42	39.95 0.84 -25.33	36.86 1.55 -10.97	37.09 1.73 -9.21	42.49 1.66 -16.56	42.86 1.58 -17.42	38.35 1.29 -17.11	41.13 1.42 -17.09	44.79 1.81 -12.41	56.65 1.90 -22.73	51.21 -0.89 -67.03	47.75 -0.68 -59.50	57.76 -0.72 -70.09	48.39 0.50 -40.33	40.08 -0.21 -43.60	33.16 -0.27 -37.55	35.71 -0.57 -45.99
KEDC_GLWD_GT5 24220	62.68 2.24 -23.15	47.68 1.94 -12.72	47.71 1.95 -12.28	32.84 1.63 -1.63	32.47 1.50 -3.01	54.16 1.39 -27.40	51.41 1.82 -17.53	59.74 0.85 -44.42	39.95 0.84 -25.33	36.86 1.55 -10.97	37.09 1.73 -9.21	42.49 1.66 -16.56	42.86 1.58 -17.42	38.35 1.29 -17.11	41.13 1.42 -17.09	44.79 1.81 -12.41	56.65 1.90 -22.73	51.21 -0.89 -67.03	47.75 -0.68 -59.50	57.76 -0.72 -70.09	48.39 0.50 -40.33	40.08 -0.21 -43.60	33.16 -0.27 -37.55	35.71 -0.57 -45.99
KENSICO____ 23655	39.55 1.56 -0.69	36.20 1.37 -1.82	36.16 1.38 -1.32	32.32 1.12 -1.62	32.02 1.07 -3.00	38.82 0.95 -12.49	34.54 1.23 -1.24	32.06 0.59 -17.01	29.34 0.58 -14.98	28.05 1.09 -2.61	30.49 1.22 -3.11	33.72 1.19 -8.25	35.48 1.16 -10.46	37.58 0.96 -16.66	40.08 1.04 -16.40	44.28 1.34 -12.39	42.87 1.46 -9.40	51.28 -0.69 -66.90	47.79 -0.53 -59.38	57.77 -0.57 -69.95	48.18 0.37 -40.25	40.05 -0.16 -43.51	33.15 -0.20 -37.48	35.75 -0.44 -45.90
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	39.75 1.79 -0.66	36.32 1.57 -1.74	36.31 1.57 -1.27	32.43 1.30 -1.55	32.07 1.24 -2.88	38.52 1.14 -12.00	34.72 1.47 -1.19	31.50 0.69 -16.34	28.86 0.69 -14.39	28.10 1.25 -2.51	30.53 1.38 -2.99	33.54 1.34 -7.93	35.24 1.32 -10.05	37.06 1.10 -16.01	39.54 1.15 -15.76	44.07 1.61 -11.90	42.85 1.80 -9.03	48.49 -0.87 -64.28	45.34 -0.66 -57.05	54.90 -0.70 -67.22	46.67 0.43 -38.67	38.31 -0.19 -41.81	31.65 -0.24 -36.01	33.88 -0.50 -44.10
KIAC_JFK_GT1 23816	39.35 1.37 -0.69	36.07 1.25 -1.82	35.92 1.12 -1.32	32.09 0.89 -1.62	31.86 0.90 -3.00	38.67 0.79 -12.52	34.35 1.04 -1.25	32.03 0.53 -17.03	29.32 0.54 -15.00	27.98 1.02 -2.62	30.39 1.12 -3.12	33.64 1.11 -8.26	35.42 1.08 -10.48	37.54 0.90 -16.69	40.00 0.94 -16.43	44.11 1.14 -12.41	42.69 1.26 -9.41	51.50 -0.59 -67.01	47.99 -0.43 -59.48	57.98 -0.48 -70.07	48.20 0.32 -40.32	40.14 -0.14 -43.59	33.24 -0.18 -37.54	35.89 -0.36 -45.98
KIAC_JFK_GT2 23817	39.35 1.37 -0.69	36.07 1.25 -1.82	35.92 1.12 -1.32	32.09 0.89 -1.62	31.86 0.90 -3.00	38.67 0.79 -12.52	34.35 1.04 -1.25	32.03 0.53 -17.03	29.32 0.54 -15.00	27.98 1.02 -2.62	30.39 1.12 -3.12	33.64 1.11 -8.26	35.42 1.08 -10.48	37.54 0.90 -16.69	40.00 0.94 -16.43	44.11 1.14 -12.41	42.69 1.26 -9.41	51.50 -0.59 -67.01	47.99 -0.43 -59.48	57.98 -0.48 -70.07	48.20 0.32 -40.32	40.14 -0.14 -43.59	33.24 -0.18 -37.54	35.89 -0.36 -45.98

KIAC_JFK____ 323774	39.36 1.37 -0.69	36.08 1.25 -1.82	35.92 1.12 -1.32	32.10 0.90 -1.62	31.86 0.90 -3.00	38.68 0.79 -12.52	34.36 1.05 -1.25	32.03 0.53 -17.03	29.33 0.54 -15.00	27.98 1.02 -2.62	30.39 1.12 -3.12	33.64 1.11 -8.26	35.42 1.08 -10.48	37.54 0.90 -16.69	40.00 0.94 -16.43	44.11 1.14 -12.41	42.70 1.27 -9.41	51.50 -0.59 -67.01	47.99 -0.43 -59.48	57.98 -0.48 -70.07	48.21 0.32 -40.32	40.14 -0.14 -43.59	33.24 -0.18 -37.54	35.89 -0.36 -45.98
KINTIGH____ 23543	36.63 -0.83 -0.17	32.72 -0.74 -0.45	33.09 -0.71 -0.32	29.26 -0.71 -0.40	28.04 -0.66 -0.74	27.78 -0.65 -3.07	31.57 -0.80 -0.30	18.11 -0.53 -4.17	16.96 -0.50 -3.68	24.11 -0.88 -0.64	25.94 -0.98 -0.76	25.43 -0.87 -2.03	25.47 -0.96 -2.57	23.27 -0.77 -4.09	25.72 -0.93 -4.02	32.36 -1.26 -3.06	33.13 -1.21 -2.33	1.89 0.40 -16.42	3.66 0.15 -14.57	5.69 0.13 -17.17	17.37 -0.07 -9.88	7.41 0.04 -10.68	5.12 0.04 -9.20	1.57 0.02 -11.26
KNTFSRNC_46_KV_46KV_LOAD 80397	37.45 0.13 -0.03	33.64 0.55 -0.07	34.15 0.62 -0.06	30.32 0.67 -0.07	28.87 0.79 -0.12	26.69 0.81 -0.51	32.99 0.88 -0.05	15.59 0.42 -0.70	14.87 0.47 -0.62	25.24 0.78 -0.11	26.98 0.70 -0.13	25.00 0.38 -0.34	25.04 0.75 -0.43	21.19 0.55 -0.69	24.35 1.05 -0.68	32.62 1.55 -0.51	33.51 1.11 -0.39	-12.23 -0.06 -2.76	-7.98 0.63 -2.45	-7.97 0.77 -2.88	8.58 -0.65 -1.66	-1.22 0.29 -1.79	-2.30 0.28 -1.55	-7.16 0.66 -1.89
LACHUTE____HYDRO 323717	41.23 3.07 -0.86	37.88 2.61 -2.26	37.80 2.69 -1.64	34.01 2.42 -2.01	34.19 2.50 -3.73	43.24 2.33 -15.54	36.56 2.95 -1.55	36.97 1.35 -21.15	33.62 1.21 -18.63	29.68 2.09 -3.25	32.31 2.29 -3.87	36.96 2.42 -10.26	39.21 2.33 -13.01	42.52 1.85 -20.72	45.03 2.00 -20.40	48.35 2.38 -15.41	46.26 2.56 -11.69	67.07 -1.22 -83.22	61.95 -0.85 -73.86	74.56 -0.84 -87.02	58.13 0.50 -50.06	50.63 -0.19 -54.13	42.26 -0.23 -46.62	46.66 -0.72 -57.09
LAWRNCV_115KV_TB1 80681	37.13 -0.20 -0.04	33.14 0.03 -0.10	33.62 0.08 -0.07	29.81 0.15 -0.08	28.32 0.20 -0.16	26.26 0.22 -0.66	32.26 0.13 -0.07	15.45 0.09 -0.90	14.69 0.12 -0.80	24.59 0.11 -0.14	26.32 0.00 -0.17	24.36 -0.36 -0.44	24.61 0.18 -0.55	20.90 0.06 -0.88	23.87 0.37 -0.87	31.74 0.53 -0.66	32.49 -0.03 -0.50	-10.97 0.41 -3.55	-7.10 0.81 -3.15	-6.93 0.98 -3.71	8.98 -0.72 -2.13	-0.74 0.26 -2.31	-1.87 0.27 -1.99	-6.65 0.63 -2.43
LEDERLE____ 23769	39.50 1.54 -0.67	36.10 1.33 -1.76	36.09 1.33 -1.28	32.24 1.09 -1.57	31.89 1.03 -2.90	38.40 0.93 -12.10	34.46 1.19 -1.20	31.51 0.57 -16.47	28.85 0.57 -14.51	27.93 1.05 -2.53	30.36 1.20 -3.01	33.43 1.17 -7.99	35.13 1.14 -10.13	37.05 0.96 -16.14	39.55 1.03 -15.89	43.89 1.33 -12.00	42.59 1.47 -9.10	49.15 -0.71 -64.79	45.91 -0.54 -57.51	55.55 -0.59 -67.75	46.92 0.38 -38.98	38.67 -0.17 -42.14	31.96 -0.21 -36.30	34.29 -0.45 -44.46
LIGHTHSE_115KV_TB6 355974	36.93 -0.47 -0.11	32.80 -0.51 -0.29	33.28 -0.41 -0.21	29.50 -0.35 -0.26	28.14 -0.31 -0.49	27.14 -0.26 -2.03	31.93 -0.34 -0.20	17.06 -0.17 -2.76	16.04 -0.18 -2.43	24.38 -0.39 -0.42	26.15 -0.51 -0.51	25.09 -0.53 -1.34	25.07 -0.49 -1.70	22.29 -0.38 -2.71	24.87 -0.42 -2.66	31.93 -0.64 -2.01	32.94 -0.60 -1.53	-3.77 0.28 -10.87	-1.19 0.22 -9.65	-0.01 0.24 -11.37	13.95 -0.15 -6.54	3.82 0.04 -7.07	2.05 0.08 -6.09	-2.04 0.21 -7.46
LINDEN COGEN____ 23786	39.33 1.35 -0.69	36.02 1.19 -1.82	35.97 1.17 -1.32	32.13 0.93 -1.62	31.85 0.89 -3.00	38.65 0.77 -12.52	34.33 1.02 -1.25	32.01 0.51 -17.03	29.31 0.52 -15.00	27.94 0.98 -2.62	30.37 1.09 -3.12	33.63 1.09 -8.26	35.41 1.06 -10.48	37.53 0.89 -16.69	40.00 0.94 -16.43	44.14 1.18 -12.41	42.74 1.31 -9.41	51.47 -0.62 -67.01	47.96 -0.46 -59.48	57.94 -0.52 -70.07	48.21 0.32 -40.32	40.13 -0.15 -43.59	33.23 -0.18 -37.54	35.88 -0.38 -45.98
LINDHRST_69_KV_BK1 356055	70.39 3.10 -29.99	52.27 2.74 -16.53	52.35 2.77 -16.11	33.39 2.19 -1.62	33.03 2.07 -3.00	63.16 2.03 -35.75	53.40 2.55 -18.78	69.61 1.18 -53.97	38.71 1.13 -23.79	35.17 2.05 -8.77	35.01 2.28 -6.58	40.26 2.15 -13.83	39.56 2.05 -13.64	38.52 1.68 -16.89	41.74 1.90 -17.22	45.44 2.46 -12.41	62.13 2.74 -27.37	50.83 -1.27 -67.03	47.45 -0.99 -59.50	57.42 -1.05 -70.09	48.57 0.68 -40.33	40.01 -0.28 -43.60	33.07 -0.36 -37.55	35.52 -0.75 -45.99
LIPA_MISC_IPP 23656	71.87 3.28 -31.29	53.16 2.90 -17.25	53.23 2.93 -16.83	33.53 2.34 -1.62	33.15 2.20 -3.00	64.88 2.17 -37.34	52.92 2.73 -18.13	71.51 1.27 -55.77	37.45 1.21 -22.47	33.83 2.16 -7.32	33.52 2.37 -5.00	38.57 2.26 -12.04	37.57 2.10 -11.61	38.48 1.76 -16.77	41.82 1.97 -17.22	45.61 2.64 -12.41	63.21 2.94 -28.25	50.74 -1.37 -67.03	47.38 -1.06 -59.50	57.36 -1.12 -70.09	48.62 0.73 -40.33	40.00 -0.29 -43.60	33.06 -0.37 -37.55	35.50 -0.77 -45.99
LISF____SOLAR 323691	71.92 3.35 -31.28	53.14 2.89 -17.24	53.19 2.89 -16.82	33.63 2.43 -1.62	33.17 2.21 -3.00	64.81 2.11 -37.32	52.96 2.76 -18.13	71.50 1.28 -55.76	37.49 1.24 -22.48	33.90 2.22 -7.34	33.56 2.40 -5.01	38.63 2.30 -12.05	37.62 2.13 -11.63	38.52 1.79 -16.77	41.85 2.01 -17.22	45.67 2.69 -12.41	63.28 3.02 -28.24	50.70 -1.40 -67.03	47.35 -1.08 -59.50	57.34 -1.14 -70.09	48.64 0.75 -40.33	39.99 -0.30 -43.60	33.05 -0.38 -37.55	35.49 -0.78 -45.99
LITTLE FALLS____HYD 24013	38.13 0.81 -0.02	33.78 0.71 -0.06	34.17 0.66 -0.04	30.20 0.57 -0.05	28.60 0.54 -0.09	26.25 0.48 -0.40	32.70 0.60 -0.04	15.32 0.32 -0.54	14.46 0.21 -0.48	24.75 0.32 -0.08	26.61 0.36 -0.10	24.92 0.39 -0.26	24.61 0.41 -0.33	20.87 0.39 -0.53	23.59 0.44 -0.52	31.30 0.35 -0.40	32.95 0.64 -0.30	-13.13 -0.33 -2.13	-9.39 -0.22 -1.89	-9.66 -0.27 -2.23	8.91 0.06 -1.28	-1.97 -0.05 -1.38	-2.98 -0.05 -1.19	-8.35 -0.09 -1.46
LITTLRIV_115KV_TB1 356100	37.52 0.18 -0.04	33.48 0.37 -0.10	33.96 0.42 -0.07	30.11 0.44 -0.09	28.61 0.49 -0.16	26.54 0.49 -0.68	32.60 0.47 -0.07	15.64 0.25 -0.92	14.87 0.27 -0.81	24.81 0.32 -0.14	26.57 0.25 -0.17	24.60 -0.13 -0.45	24.85 0.42 -0.57	21.12 0.27 -0.90	24.14 0.61 -0.89	32.14 0.91 -0.67	32.96 0.43 -0.51	-11.11 0.19 -3.64	-7.18 0.66 -3.23	-6.99 0.82 -3.80	9.12 -0.63 -2.19	-0.72 0.22 -2.36	-1.86 0.23 -2.04	-6.69 0.54 -2.49
LI_NEWBRDGE____DRP 323616	71.67 2.34 -32.04	52.78 2.11 -17.66	52.86 2.14 -17.25	32.86 1.66 -1.61	32.52 1.57 -3.00	65.18 1.56 -38.25	51.84 1.95 -17.82	72.18 0.90 -56.81	36.44 0.88 -21.78	32.52 1.61 -6.57	32.17 1.85 -4.17	37.13 1.75 -11.10	36.02 1.62 -10.54	37.97 1.31 -16.71	41.30 1.45 -17.22	44.82 1.85 -12.41	62.81 2.04 -28.75	51.16 -0.94 -67.03	47.70 -0.74 -59.50	57.69 -0.78 -70.09	48.40 0.51 -40.33	40.08 -0.21 -43.60	33.15 -0.27 -37.55	35.71 -0.56 -45.99
LOCKPORT_115KV_TB60_63_64 80432	36.43 -1.04 -0.18	32.56 -0.92 -0.47	33.02 -0.80 -0.34	29.20 -0.80 -0.41	28.00 -0.72 -0.77	27.80 -0.78 -3.21	31.42 -0.96 -0.32	18.11 -0.72 -4.37	16.97 -0.66 -3.85	23.88 -1.14 -0.67	25.65 -1.30 -0.80	25.23 -1.16 -2.12	25.29 -1.27 -2.69	23.21 -1.02 -4.28	25.63 -1.21 -4.21	32.08 -1.62 -3.14	32.88 -1.51 -2.38	2.79 0.54 -17.18	4.41 0.22 -15.25	6.58 0.23 -17.96	17.83 -0.07 -10.34	7.94 0.07 -11.17	5.58 0.08 -9.62	2.17 0.10 -11.79

LOCKPORT___CC1 323769	36.39 -1.08 -0.18	32.53 -0.95 -0.47	32.97 -0.84 -0.34	29.17 -0.83 -0.42	27.98 -0.76 -0.77	27.80 -0.80 -3.22	31.39 -0.99 -0.32	18.13 -0.73 -4.39	16.98 -0.67 -3.86	23.88 -1.14 -0.67	25.66 -1.30 -0.80	25.25 -1.15 -2.13	25.31 -1.25 -2.70	23.24 -1.01 -4.29	25.66 -1.20 -4.23	32.09 -1.62 -3.16	32.85 -1.55 -2.39	2.87 0.54 -17.26	4.48 0.22 -15.32	6.67 0.24 -18.05	17.84 -0.11 -10.38	7.99 0.07 -11.22	5.63 0.08 -9.67	2.23 0.10 -11.84
LOCKPORT___CC2 323770	36.39 -1.08 -0.18	32.53 -0.95 -0.47	32.97 -0.84 -0.34	29.17 -0.83 -0.42	27.98 -0.76 -0.77	27.80 -0.80 -3.22	31.39 -0.99 -0.32	18.13 -0.73 -4.39	16.98 -0.67 -3.86	23.88 -1.14 -0.67	25.66 -1.30 -0.80	25.25 -1.15 -2.13	25.31 -1.25 -2.70	23.24 -1.01 -4.29	25.66 -1.20 -4.23	32.09 -1.62 -3.16	32.85 -1.55 -2.39	2.87 0.54 -17.26	4.48 0.22 -15.32	6.67 0.24 -18.05	17.84 -0.11 -10.38	7.99 0.07 -11.22	5.63 0.08 -9.67	2.23 0.10 -11.84
LOCKPORT___CC3 323771	36.39 -1.08 -0.18	32.53 -0.95 -0.47	32.97 -0.84 -0.34	29.17 -0.83 -0.42	27.98 -0.76 -0.77	27.80 -0.80 -3.22	31.39 -0.99 -0.32	18.13 -0.73 -4.39	16.98 -0.67 -3.86	23.88 -1.14 -0.67	25.66 -1.30 -0.80	25.25 -1.15 -2.13	25.31 -1.25 -2.70	23.24 -1.01 -4.29	25.66 -1.20 -4.23	32.09 -1.62 -3.16	32.85 -1.55 -2.39	2.87 0.54 -17.26	4.48 0.22 -15.32	6.67 0.24 -18.05	17.84 -0.11 -10.38	7.99 0.07 -11.22	5.63 0.08 -9.67	2.23 0.10 -11.84
LONG_LAKE_PHOENIX 24014	36.83 -0.59 -0.12	32.79 -0.55 -0.33	33.17 -0.54 -0.24	29.36 -0.51 -0.29	28.03 -0.47 -0.54	27.20 -0.42 -2.25	31.77 -0.51 -0.22	17.29 -0.23 -3.06	16.24 -0.22 -2.69	24.40 -0.42 -0.47	26.27 -0.44 -0.56	25.36 -0.40 -1.48	25.34 -0.40 -1.88	22.63 -0.32 -2.99	25.19 -0.39 -2.95	32.33 -0.45 -2.23	33.31 -0.39 -1.69	-2.76 0.15 -12.02	-0.32 0.08 -10.67	1.03 0.08 -12.57	14.75 -0.05 -7.23	4.54 0.02 -7.81	2.65 0.04 -6.73	-1.39 0.09 -8.24
LOVETT___3 23632	39.32 1.36 -0.67	35.97 1.19 -1.76	35.93 1.18 -1.28	32.11 0.96 -1.57	31.78 0.91 -2.91	38.33 0.82 -12.14	34.33 1.06 -1.21	31.49 0.50 -16.53	28.84 0.51 -14.55	27.82 0.93 -2.54	30.24 1.06 -3.02	33.34 1.05 -8.02	35.05 1.02 -10.16	37.00 0.85 -16.19	39.48 0.91 -15.94	43.75 1.16 -12.04	42.44 1.29 -9.13	49.46 -0.62 -65.01	46.17 -0.47 -57.70	55.84 -0.52 -67.98	47.01 0.33 -39.11	38.83 -0.15 -42.28	32.10 -0.19 -36.42	34.48 -0.40 -44.60
LOVETT___4 23642	39.32 1.36 -0.67	35.97 1.19 -1.76	35.93 1.18 -1.28	32.11 0.96 -1.57	31.78 0.91 -2.91	38.33 0.82 -12.14	34.33 1.06 -1.21	31.49 0.50 -16.53	28.84 0.51 -14.55	27.82 0.93 -2.54	30.24 1.06 -3.02	33.34 1.05 -8.02	35.05 1.02 -10.16	37.00 0.85 -16.19	39.48 0.91 -15.94	43.75 1.16 -12.04	42.44 1.29 -9.13	49.46 -0.62 -65.01	46.17 -0.47 -57.70	55.84 -0.52 -67.98	47.01 0.33 -39.11	38.83 -0.15 -42.28	32.10 -0.19 -36.42	34.48 -0.40 -44.60
LOVETT___5 23593	39.32 1.36 -0.67	35.97 1.19 -1.76	35.93 1.18 -1.28	32.11 0.96 -1.57	31.78 0.91 -2.91	38.33 0.82 -12.14	34.33 1.06 -1.21	31.49 0.50 -16.53	28.84 0.51 -14.55	27.82 0.93 -2.54	30.24 1.06 -3.02	33.34 1.05 -8.02	35.05 1.02 -10.16	37.00 0.85 -16.19	39.48 0.91 -15.94	43.75 1.16 -12.04	42.44 1.29 -9.13	49.46 -0.62 -65.01	46.17 -0.47 -57.70	55.84 -0.52 -67.98	47.01 0.33 -39.11	38.83 -0.15 -42.28	32.10 -0.19 -36.42	34.48 -0.40 -44.60
LOWER RAQUET___HYD 24057	37.12 -0.21 -0.04	33.16 0.04 -0.10	33.61 0.07 -0.07	29.80 0.13 -0.09	28.32 0.20 -0.17	26.27 0.20 -0.69	32.25 0.12 -0.07	15.49 0.08 -0.94	14.73 0.12 -0.83	24.56 0.07 -0.14	26.31 -0.02 -0.17	24.36 -0.37 -0.46	24.60 0.16 -0.58	20.91 0.03 -0.93	23.85 0.31 -0.91	31.70 0.45 -0.69	32.43 -0.11 -0.52	-10.76 0.45 -3.72	-6.92 0.84 -3.30	-6.72 1.01 -3.89	9.07 -0.73 -2.24	-0.63 0.26 -2.42	-1.77 0.27 -2.08	-6.53 0.64 -2.55
LOWER___HUDSON 24059	39.64 1.51 -0.84	36.55 1.33 -2.22	36.44 1.36 -1.61	32.75 1.20 -1.97	32.77 1.15 -3.66	41.66 1.02 -15.26	34.90 1.31 -1.52	35.83 0.59 -20.78	32.61 0.54 -18.30	28.50 0.96 -3.19	30.99 1.03 -3.80	35.33 0.98 -10.08	37.60 0.96 -12.78	41.09 0.78 -20.35	43.57 0.90 -20.04	46.80 1.11 -15.13	44.62 1.12 -11.48	66.27 -0.53 -81.73	61.09 -0.38 -72.54	73.44 -0.40 -85.46	56.99 0.26 -49.16	49.75 -0.11 -53.15	41.52 -0.13 -45.78	46.02 -0.33 -56.07
LOWVILLE_115KV_TB2 356335	37.52 0.16 -0.06	33.20 0.03 -0.16	33.85 0.26 -0.11	30.01 0.29 -0.14	28.53 0.31 -0.26	26.74 0.29 -1.08	32.50 0.33 -0.11	16.06 0.13 -1.46	15.13 0.06 -1.29	24.52 -0.06 -0.22	26.32 -0.11 -0.27	24.59 -0.39 -0.71	24.55 -0.21 -0.90	21.22 -0.17 -1.44	23.85 -0.19 -1.41	30.95 -0.68 -1.07	32.08 -0.74 -0.81	-8.68 0.49 -5.76	-5.44 0.51 -5.11	-5.03 0.56 -6.03	10.66 -0.38 -3.47	0.55 0.10 -3.75	-0.71 0.18 -3.23	-5.32 0.45 -3.95
LUTHERFT_115KV_GLOB_FND_222 355753	40.23 2.08 -0.85	37.08 1.82 -2.25	36.99 1.88 -1.64	33.26 1.67 -2.01	33.27 1.59 -3.72	42.34 1.45 -15.52	35.46 1.85 -1.54	36.43 0.84 -21.13	33.15 0.76 -18.60	28.91 1.32 -3.24	31.40 1.38 -3.87	35.88 1.36 -10.25	38.18 1.33 -12.99	41.70 1.05 -20.69	44.17 1.16 -20.38	47.38 1.43 -15.39	45.21 1.52 -11.67	67.46 -0.71 -83.10	62.18 -0.52 -73.76	74.74 -0.54 -86.89	57.90 0.34 -49.99	50.61 -0.14 -54.05	42.25 -0.17 -46.55	46.80 -0.49 -57.01
LUTHERNY_35_KV_BK2 355980	40.25 2.10 -0.85	37.11 1.85 -2.25	37.01 1.90 -1.64	33.27 1.68 -2.01	33.28 1.60 -3.72	42.36 1.47 -15.52	35.47 1.87 -1.54	36.44 0.85 -21.13	33.16 0.77 -18.60	28.92 1.33 -3.24	31.42 1.40 -3.87	35.91 1.39 -10.25	38.20 1.34 -12.99	41.72 1.07 -20.69	44.18 1.18 -20.38	47.41 1.46 -15.39	45.24 1.55 -11.67	67.44 -0.73 -83.10	62.17 -0.53 -73.76	74.73 -0.55 -86.89	57.90 0.35 -49.99	50.61 -0.14 -54.05	42.25 -0.18 -46.55	46.79 -0.51 -57.01
LWR___OSWEGATCHIE_HYD 23850	37.02 -0.33 -0.05	32.90 -0.25 -0.13	33.47 -0.11 -0.10	29.68 -0.03 -0.12	28.22 0.04 -0.22	26.37 0.06 -0.93	32.12 -0.03 -0.09	15.73 -0.01 -1.27	14.88 -0.02 -1.12	24.37 -0.17 -0.19	26.11 -0.28 -0.23	24.30 -0.59 -0.62	24.43 -0.22 -0.78	20.97 -0.23 -1.24	23.75 -0.10 -1.23	31.17 -0.32 -0.93	32.08 -0.64 -0.70	-9.37 0.56 -4.99	-5.88 0.75 -4.43	-5.53 0.86 -5.22	9.97 -0.60 -3.01	0.15 0.20 -3.25	-1.07 0.26 -2.80	-5.67 0.62 -3.43
LYONS_FALL_HYD 23570	37.75 0.40 -0.06	33.43 0.27 -0.14	34.00 0.42 -0.10	30.12 0.40 -0.13	28.61 0.41 -0.24	26.74 0.38 -0.99	32.63 0.47 -0.10	16.02 0.20 -1.35	15.12 0.15 -1.19	24.71 0.15 -0.21	26.54 0.14 -0.25	24.85 -0.08 -0.66	24.75 0.05 -0.83	21.34 0.06 -1.32	23.99 0.06 -1.30	31.38 -0.16 -0.98	32.60 -0.17 -0.75	-9.45 0.16 -5.31	-6.13 0.22 -4.71	-5.81 0.25 -5.56	10.58 -0.18 -3.20	0.20 0.04 -3.46	-1.06 0.09 -2.98	-5.85 0.22 -3.64
MADISON___COUNTY_LFGE 323628	38.27 0.89 -0.08	34.00 0.77 -0.22	34.44 0.81 -0.16	30.46 0.69 -0.19	28.99 0.67 -0.36	27.49 0.62 -1.50	33.00 0.79 -0.15	16.88 0.36 -2.05	15.92 0.33 -1.80	25.17 0.51 -0.31	27.07 0.55 -0.37	25.70 0.43 -0.99	25.61 0.48 -1.26	22.40 0.44 -2.01	25.07 0.46 -1.98	32.71 0.66 -1.49	33.92 0.77 -1.13	-7.23 -0.36 -8.06	-4.16 -0.25 -7.15	-3.44 -0.25 -8.42	12.56 0.14 -4.85	1.87 -0.07 -5.24	0.32 -0.07 -4.51	-4.35 -0.16 -5.53

MALONE___115KV_TB1 356076	37.37 0.04 -0.03	33.50 0.40 -0.08	33.99 0.46 -0.06	30.18 0.52 -0.07	28.71 0.62 -0.14	26.58 0.64 -0.57	32.80 0.68 -0.06	15.57 0.33 -0.78	14.86 0.39 -0.68	25.09 0.62 -0.12	26.80 0.51 -0.14	24.86 0.21 -0.38	24.97 0.63 -0.48	21.15 0.44 -0.76	24.24 0.86 -0.75	32.42 1.29 -0.57	33.23 0.79 -0.43	-11.80 0.08 -3.05	-7.67 0.69 -2.71	-7.61 0.82 -3.19	8.74 -0.66 -1.84	-1.04 0.27 -1.99	-2.14 0.27 -1.71	-6.98 0.65 -2.09
MAPLEWOD_115KV_TB3 80458	39.30 1.17 -0.84	36.26 1.04 -2.21	36.12 1.04 -1.60	32.51 0.96 -1.97	32.51 0.90 -3.65	41.35 0.79 -15.19	34.60 1.02 -1.51	35.59 0.44 -20.68	32.42 0.43 -18.22	28.32 0.79 -3.18	30.79 0.85 -3.78	35.05 0.74 -10.03	37.32 0.74 -12.72	40.85 0.63 -20.26	43.32 0.74 -19.95	46.52 0.90 -15.06	44.37 0.92 -11.43	66.00 -0.44 -81.36	60.83 -0.32 -72.21	73.13 -0.33 -85.08	56.73 0.22 -48.95	49.53 -0.09 -52.92	41.34 -0.11 -45.57	45.86 -0.24 -55.82
MAPLE_RIDGE_WT_1 323574	36.74 -0.57 -0.02	32.63 -0.43 -0.05	33.09 -0.42 -0.03	29.42 -0.20 -0.04	27.81 -0.23 -0.08	25.50 -0.20 -0.32	31.84 -0.26 -0.03	14.76 -0.14 -0.44	14.02 -0.15 -0.39	24.17 -0.25 -0.07	25.92 -0.31 -0.08	24.07 -0.42 -0.21	23.90 -0.23 -0.27	20.16 -0.23 -0.43	22.91 -0.14 -0.42	30.56 -0.32 -0.32	31.49 -0.77 -0.24	-12.62 0.58 -1.73	-8.91 0.61 -1.54	-9.11 0.70 -1.81	8.17 -0.44 -1.04	-1.99 0.19 -1.13	-2.94 0.21 -0.97	-8.08 0.45 -1.19
MAPLE_RIDGE_WT_2 323611	36.74 -0.57 -0.02	32.63 -0.43 -0.05	33.09 -0.42 -0.03	29.42 -0.20 -0.04	27.81 -0.23 -0.08	25.50 -0.20 -0.32	31.84 -0.26 -0.03	14.76 -0.14 -0.44	14.02 -0.15 -0.39	24.17 -0.25 -0.07	25.92 -0.31 -0.08	24.07 -0.42 -0.21	23.90 -0.23 -0.27	20.16 -0.23 -0.43	22.91 -0.14 -0.42	30.56 -0.32 -0.32	31.49 -0.77 -0.24	-12.62 0.58 -1.73	-8.91 0.61 -1.54	-9.11 0.70 -1.81	8.17 -0.44 -1.04	-1.99 0.19 -1.13	-2.94 0.21 -0.97	-8.08 0.45 -1.19
MARBLE_RIVER_WT_PWR 323696	36.88 -0.45 -0.03	33.17 0.08 -0.07	33.66 0.13 -0.05	29.86 0.22 -0.07	28.44 0.36 -0.12	26.28 0.40 -0.51	32.49 0.38 -0.05	15.34 0.18 -0.69	14.63 0.24 -0.61	24.81 0.36 -0.11	26.58 0.29 -0.13	24.65 0.04 -0.34	24.72 0.43 -0.43	20.91 0.27 -0.68	24.00 0.70 -0.67	32.15 1.08 -0.51	32.94 0.54 -0.38	-11.96 0.23 -2.73	-7.80 0.84 -2.43	-7.77 0.98 -2.86	8.44 -0.77 -1.64	-1.19 0.34 -1.78	-2.25 0.34 -1.53	-7.03 0.81 -1.87
MARSHVLE_115KV_TB1 80742	40.40 2.06 -1.04	37.53 1.76 -2.75	37.31 1.84 -2.00	33.64 1.61 -2.45	34.01 1.51 -4.54	45.71 1.39 -18.94	35.70 1.75 -1.88	41.03 0.79 -25.78	37.22 0.74 -22.71	29.45 1.14 -3.96	32.09 1.22 -4.72	37.92 1.14 -12.51	40.91 1.19 -15.86	46.17 0.95 -25.26	48.63 1.13 -24.87	50.97 1.64 -18.78	48.02 1.75 -14.25	85.70 -0.79 -101.42	78.40 -0.57 -90.02	93.85 -0.59 -106.05	69.01 0.42 -61.02	62.49 -0.17 -65.97	52.48 -0.21 -56.82	59.42 -0.45 -69.59
MARSH_HILL_WT_PWR 323713	36.52 -1.00 -0.22	32.79 -0.80 -0.57	32.83 -1.06 -0.42	29.14 -0.94 -0.51	28.08 -0.83 -0.95	28.63 -0.69 -3.95	31.71 -0.75 -0.39	19.27 -0.57 -5.38	17.94 -0.58 -4.74	24.24 -0.93 -0.82	26.06 -1.08 -0.98	25.89 -1.00 -2.61	26.08 -1.09 -3.31	24.29 -0.94 -5.27	26.59 -1.23 -5.19	32.82 -1.65 -3.90	33.13 -1.84 -2.96	7.12 0.89 -21.16	8.27 0.55 -18.78	11.09 0.58 -22.12	19.91 -0.39 -12.73	10.62 0.17 -13.76	7.90 0.17 -11.85	5.11 0.31 -14.52
MCINTYRE_115KV_TB2 80467	37.71 0.37 -0.04	33.65 0.55 -0.09	34.13 0.58 -0.07	30.24 0.58 -0.08	28.74 0.63 -0.16	26.64 0.62 -0.65	32.77 0.64 -0.06	15.69 0.33 -0.89	14.92 0.35 -0.78	24.89 0.41 -0.14	26.66 0.34 -0.16	24.68 -0.03 -0.43	24.94 0.53 -0.55	21.20 0.37 -0.87	24.27 0.78 -0.86	32.41 1.21 -0.65	33.29 0.78 -0.49	-11.40 0.03 -3.50	-7.39 0.56 -3.11	-7.24 0.72 -3.66	9.10 -0.57 -2.11	-0.82 0.21 -2.28	-1.96 0.20 -1.96	-6.82 0.49 -2.40
MECO___69_KV_BK1 80468	40.97 2.69 -0.99	37.91 2.27 -2.62	37.72 2.34 -1.90	33.93 2.02 -2.33	34.25 1.97 -4.32	45.24 1.84 -18.02	36.16 2.30 -1.79	40.05 1.05 -24.54	36.18 0.79 -21.61	29.02 0.91 -3.77	31.46 0.81 -4.49	37.23 1.06 -11.90	40.20 1.24 -15.09	45.25 1.26 -24.03	47.95 1.65 -23.66	50.39 1.96 -17.87	48.21 2.63 -13.56	80.41 -1.18 -96.52	73.76 -0.85 -85.67	88.39 -0.92 -100.92	66.20 0.57 -58.06	59.24 -0.24 -62.77	49.66 -0.29 -54.07	55.88 -0.62 -66.22
MENANDS___115KV_TB5 355628	39.08 0.94 -0.84	36.07 0.85 -2.20	35.93 0.86 -1.60	32.33 0.80 -1.96	32.35 0.75 -3.64	41.18 0.64 -15.17	34.41 0.83 -1.51	35.46 0.35 -20.64	32.31 0.35 -18.18	28.19 0.67 -3.17	30.66 0.72 -3.78	34.89 0.60 -10.01	37.16 0.60 -12.70	40.69 0.51 -20.22	43.13 0.59 -19.91	46.31 0.71 -15.04	44.13 0.71 -11.41	65.95 -0.33 -81.21	60.78 -0.24 -72.08	73.06 -0.25 -84.92	56.59 0.17 -48.85	49.45 -0.07 -52.82	41.28 -0.08 -45.49	45.82 -0.18 -55.72
MG INDUSTRY___DRP 24185	38.97 0.85 -0.83	35.96 0.76 -2.18	35.83 0.77 -1.59	32.23 0.71 -1.95	32.23 0.66 -3.61	40.99 0.58 -15.04	34.30 0.74 -1.50	35.25 0.32 -20.47	32.12 0.31 -18.03	28.09 0.60 -3.14	30.55 0.65 -3.74	34.77 0.56 -9.93	37.00 0.55 -12.59	40.46 0.46 -20.05	42.90 0.52 -19.74	46.12 0.65 -14.91	43.96 0.64 -11.31	65.29 -0.29 -80.51	60.18 -0.22 -71.46	72.34 -0.23 -84.19	56.15 0.15 -48.43	48.99 -0.07 -52.37	40.89 -0.08 -45.10	45.34 -0.18 -55.24
MID___OSWEGATCHIE_HYD 23849	37.02 -0.33 -0.05	32.90 -0.25 -0.13	33.47 -0.11 -0.10	29.68 -0.03 -0.12	28.22 0.04 -0.22	26.37 0.06 -0.93	32.12 -0.03 -0.09	15.73 -0.01 -1.27	14.88 -0.02 -1.12	24.37 -0.17 -0.19	26.11 -0.28 -0.23	24.30 -0.59 -0.62	24.43 -0.22 -0.78	20.97 -0.23 -1.24	23.75 -0.10 -1.23	31.17 -0.32 -0.93	32.08 -0.64 -0.70	-9.37 0.56 -4.99	-5.88 0.75 -4.43	-5.53 0.86 -5.22	9.97 -0.60 -3.01	0.15 0.20 -3.25	-1.07 0.26 -2.80	-5.67 0.62 -3.43
MID___RAQUETTE_HYD 23851	37.12 -0.21 -0.04	33.13 0.02 -0.10	33.61 0.07 -0.07	29.81 0.14 -0.09	28.33 0.20 -0.17	26.29 0.22 -0.69	32.24 0.11 -0.07	15.49 0.08 -0.94	14.73 0.12 -0.83	24.58 0.09 -0.14	26.31 -0.02 -0.17	24.36 -0.37 -0.46	24.60 0.16 -0.58	20.91 0.03 -0.93	23.85 0.31 -0.91	31.67 0.43 -0.69	32.40 -0.13 -0.52	-10.76 0.45 -3.72	-6.92 0.84 -3.30	-6.73 1.00 -3.89	9.07 -0.73 -2.24	-0.63 0.26 -2.42	-1.77 0.28 -2.08	-6.53 0.64 -2.55
MILLIKEN___1 23584	38.16 0.66 -0.21	34.18 0.62 -0.55	34.48 0.60 -0.40	30.54 0.47 -0.49	29.35 0.48 -0.91	29.62 0.44 -3.81	33.05 0.61 -0.38	19.91 0.26 -5.18	18.58 0.24 -4.57	25.51 0.36 -0.80	27.43 0.33 -0.95	27.10 0.31 -2.52	27.26 0.20 -3.19	25.19 0.15 -5.08	27.83 0.20 -5.00	34.85 0.52 -3.77	35.59 0.72 -2.86	5.11 -0.36 -20.39	6.75 -0.30 -18.10	9.39 -0.32 -21.33	20.05 0.21 -12.27	9.88 -0.08 -13.26	7.20 -0.10 -11.43	4.04 -0.24 -13.99
MILLIKEN___2 23585	38.16 0.66 -0.21	34.18 0.62 -0.55	34.48 0.60 -0.40	30.54 0.47 -0.49	29.35 0.48 -0.91	29.62 0.44 -3.81	33.05 0.61 -0.38	19.91 0.26 -5.18	18.58 0.24 -4.57	25.51 0.36 -0.80	27.43 0.33 -0.95	27.10 0.31 -2.52	27.26 0.20 -3.19	25.19 0.15 -5.08	27.83 0.20 -5.00	34.85 0.52 -3.77	35.59 0.72 -2.86	5.11 -0.36 -20.39	6.75 -0.30 -18.10	9.39 -0.32 -21.33	20.05 0.21 -12.27	9.88 -0.08 -13.26	7.20 -0.10 -11.43	4.04 -0.24 -13.99

MILLIKEN___DIESEL 23629	38.16 0.66 -0.21	34.18 0.62 -0.55	34.48 0.60 -0.40	30.54 0.47 -0.49	29.35 0.48 -0.91	29.62 0.44 -3.81	33.05 0.61 -0.38	19.91 0.26 -5.18	18.58 0.24 -4.57	25.51 0.36 -0.80	27.43 0.33 -0.95	27.10 0.31 -2.52	27.26 0.20 -3.19	25.19 0.15 -5.08	27.83 0.20 -5.00	34.85 0.52 -3.77	35.59 0.72 -2.86	5.11 -0.36 -20.39	6.75 -0.30 -18.10	9.39 -0.32 -21.33	20.05 0.21 -12.27	9.88 -0.08 -13.26	7.20 -0.10 -11.43	4.04 -0.24 -13.99
MILLSEAT___LFGE 323607	37.15 -0.32 -0.17	33.17 -0.30 -0.46	33.61 -0.19 -0.33	29.73 -0.26 -0.41	28.49 -0.22 -0.76	28.23 -0.28 -3.15	32.07 -0.31 -0.31	18.37 -0.38 -4.29	17.21 -0.34 -3.78	24.36 -0.64 -0.66	26.11 -0.83 -0.78	25.68 -0.67 -2.08	25.75 -0.75 -2.64	23.56 -0.60 -4.20	26.03 -0.73 -4.13	32.80 -0.86 -3.09	33.69 -0.66 -2.34	2.08 0.14 -16.86	3.84 -0.06 -14.97	5.96 -0.06 -17.64	17.79 0.07 -10.15	7.66 -0.01 -10.97	5.31 -0.01 -9.45	1.77 -0.09 -11.57
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	39.48 1.50 -0.69	36.14 1.32 -1.81	36.10 1.32 -1.31	32.27 1.08 -1.61	31.97 1.02 -2.99	38.74 0.91 -12.45	34.49 1.19 -1.24	31.97 0.56 -16.95	29.27 0.56 -14.93	27.99 1.05 -2.60	30.44 1.18 -3.10	33.65 1.15 -8.22	35.41 1.12 -10.42	37.49 0.93 -16.60	39.98 1.00 -16.35	44.18 1.28 -12.35	42.79 1.40 -9.37	51.08 -0.67 -66.68	47.62 -0.51 -59.18	57.56 -0.55 -69.72	48.04 0.36 -40.11	39.91 -0.16 -43.37	33.03 -0.20 -37.35	35.61 -0.42 -45.75
MILLWOOD_13_KV_LOAD 356217	39.58 1.60 -0.69	36.22 1.40 -1.81	36.19 1.40 -1.31	32.35 1.16 -1.61	32.04 1.09 -2.99	38.80 0.98 -12.45	34.56 1.26 -1.24	32.02 0.60 -16.95	29.31 0.60 -14.93	28.06 1.11 -2.60	30.50 1.25 -3.10	33.71 1.22 -8.22	35.46 1.18 -10.42	37.54 0.98 -16.60	40.04 1.07 -16.35	44.27 1.37 -12.35	42.88 1.50 -9.37	51.03 -0.72 -66.68	47.58 -0.54 -59.18	57.52 -0.59 -69.72	48.06 0.38 -40.11	39.90 -0.17 -43.37	33.02 -0.21 -37.35	35.58 -0.45 -45.75
MODEL_CITY_ENERGY 24167	36.05 -1.43 -0.18	32.24 -1.24 -0.47	32.75 -1.07 -0.34	28.97 -1.03 -0.42	27.79 -0.94 -0.78	27.61 -1.00 -3.24	31.12 -1.27 -0.32	17.99 -0.89 -4.41	16.86 -0.81 -3.89	23.63 -1.39 -0.68	25.40 -1.57 -0.81	25.02 -1.40 -2.14	25.08 -1.50 -2.71	23.05 -1.23 -4.32	25.44 -1.44 -4.25	31.78 -1.95 -3.17	32.54 -1.87 -2.40	3.13 0.71 -17.35	4.68 0.34 -15.40	6.89 0.36 -18.14	17.84 -0.16 -10.44	8.08 0.10 -11.28	5.72 0.12 -9.72	2.39 0.21 -11.90
MODERN_LFGE___ 323580	36.05 -1.43 -0.18	32.24 -1.24 -0.47	32.75 -1.07 -0.34	28.97 -1.03 -0.42	27.79 -0.94 -0.78	27.61 -1.00 -3.24	31.12 -1.27 -0.32	17.99 -0.89 -4.41	16.86 -0.81 -3.89	23.63 -1.39 -0.68	25.40 -1.57 -0.81	25.02 -1.40 -2.14	25.08 -1.50 -2.71	23.05 -1.23 -4.32	25.44 -1.44 -4.25	31.78 -1.95 -3.17	32.54 -1.87 -2.40	3.13 0.71 -17.35	4.68 0.34 -15.40	6.89 0.36 -18.14	17.84 -0.16 -10.44	8.08 0.10 -11.28	5.72 0.12 -9.72	2.39 0.21 -11.90
MOHAWK_PAPER___DRP 24187	39.30 1.17 -0.84	36.26 1.04 -2.21	36.12 1.04 -1.60	32.51 0.96 -1.97	32.51 0.90 -3.65	41.35 0.79 -15.19	34.60 1.02 -1.51	35.59 0.44 -20.68	32.42 0.43 -18.22	28.32 0.79 -3.18	30.79 0.85 -3.78	35.05 0.74 -10.03	37.32 0.74 -12.72	40.85 0.63 -20.26	43.32 0.74 -19.95	46.52 0.90 -15.06	44.37 0.92 -11.43	66.00 -0.44 -81.36	60.83 -0.32 -72.21	73.13 -0.33 -85.08	56.73 0.22 -48.95	49.53 -0.09 -52.92	41.34 -0.11 -45.57	45.86 -0.24 -55.82
MOHICAN__35_KV_115KV_LD 80490	40.65 2.50 -0.86	37.43 2.17 -2.25	37.41 2.30 -1.64	33.62 2.03 -2.01	33.64 1.96 -3.73	42.71 1.81 -15.53	35.92 2.31 -1.55	36.66 1.06 -21.14	33.36 0.95 -18.62	29.21 1.62 -3.25	31.70 1.67 -3.87	36.25 1.71 -10.26	38.52 1.65 -13.00	41.86 1.20 -20.71	44.24 1.22 -20.39	47.33 1.37 -15.40	45.16 1.46 -11.68	67.55 -0.70 -83.17	62.27 -0.50 -73.82	74.86 -0.49 -86.97	57.90 0.30 -50.03	50.68 -0.11 -54.10	42.31 -0.15 -46.59	46.76 -0.59 -57.06
MONGAUP___HYD 23641	39.68 1.75 -0.64	36.10 1.41 -1.68	36.24 1.54 -1.22	32.27 1.19 -1.50	31.84 1.11 -2.77	37.95 1.02 -11.56	34.52 1.31 -1.15	30.81 0.61 -15.74	28.24 0.60 -13.86	27.81 1.05 -2.42	30.12 1.08 -2.88	33.01 1.10 -7.63	34.63 1.09 -9.68	36.28 0.91 -15.42	38.85 1.04 -15.18	43.45 1.43 -11.46	42.30 1.59 -8.70	46.21 -0.76 -61.90	43.31 -0.58 -54.95	52.49 -0.62 -64.73	45.19 0.38 -37.24	36.79 -0.17 -40.26	30.34 -0.21 -34.68	32.30 -0.45 -42.47
MONTAUK___DIESEL 23721	73.46 4.88 -31.29	54.55 4.30 -17.24	54.63 4.33 -16.83	34.77 3.57 -1.62	34.35 3.39 -3.00	65.96 3.25 -37.34	54.35 4.15 -18.13	72.15 1.91 -55.77	38.07 1.82 -22.47	34.88 3.21 -7.32	34.62 3.46 -5.00	39.57 3.25 -12.04	38.51 3.04 -11.61	39.28 2.55 -16.77	42.73 2.88 -17.22	46.86 3.89 -12.41	64.61 4.35 -28.24	50.06 -2.04 -67.03	46.89 -1.55 -59.50	56.86 -1.62 -70.09	49.00 1.11 -40.33	39.87 -0.42 -43.60	32.90 -0.52 -37.55	35.17 -1.10 -45.99
MOONROAD_115KV_HARTFLD_TB1-2 355988	36.94 -0.55 -0.19	33.15 -0.37 -0.51	33.21 -0.63 -0.37	29.39 -0.64 -0.45	28.30 -0.49 -0.84	28.38 -0.50 -3.50	31.86 -0.55 -0.35	18.74 -0.49 -4.77	17.43 -0.55 -4.20	24.14 -0.94 -0.73	26.16 -0.86 -0.87	25.73 -0.86 -2.31	25.87 -0.92 -2.93	24.02 -0.60 -4.67	26.52 -0.71 -4.60	32.94 -1.05 -3.43	33.57 -1.04 -2.60	4.25 0.43 -18.75	5.96 0.38 -16.64	8.36 0.36 -19.61	18.66 -0.19 -11.28	8.99 0.10 -12.19	6.48 0.10 -10.50	3.11 -0.03 -12.86
MORTIMER_115KV_TB3 55949	37.25 -0.21 -0.16	33.21 -0.23 -0.42	33.58 -0.20 -0.31	29.70 -0.26 -0.38	28.44 -0.22 -0.70	28.06 -0.22 -2.91	32.12 -0.23 -0.29	18.21 -0.21 -3.96	17.06 -0.20 -3.48	24.55 -0.40 -0.61	26.42 -0.45 -0.72	25.82 -0.37 -1.92	25.87 -0.43 -2.43	23.50 -0.33 -3.87	26.05 -0.39 -3.82	32.98 -0.46 -2.88	33.87 -0.33 -2.19	0.65 0.01 -15.56	2.65 -0.10 -13.81	4.54 -0.12 -16.27	17.01 0.08 -9.36	6.79 -0.02 -10.12	4.56 -0.03 -8.72	0.86 -0.10 -10.68
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	39.59 1.61 -0.69	36.26 1.43 -1.82	36.20 1.41 -1.32	32.36 1.16 -1.62	32.06 1.10 -3.00	38.86 0.97 -12.52	34.57 1.26 -1.25	32.11 0.61 -17.04	29.40 0.61 -15.01	28.11 1.15 -2.62	30.54 1.27 -3.12	33.78 1.25 -8.27	35.56 1.21 -10.48	37.65 1.01 -16.69	40.15 1.09 -16.43	44.35 1.38 -12.41	42.95 1.52 -9.42	51.38 -0.72 -67.02	47.88 -0.54 -59.49	57.87 -0.59 -70.08	48.27 0.38 -40.32	40.12 -0.17 -43.59	33.21 -0.21 -37.55	35.82 -0.44 -45.98
MUNSVILLE_WIND_PWR 323609	40.01 2.43 -0.28	36.05 2.29 -0.75	36.36 2.34 -0.54	31.97 1.72 -0.66	30.75 1.56 -1.23	31.96 1.44 -5.14	34.33 1.75 -0.51	22.24 0.78 -7.00	20.71 0.76 -6.16	26.66 1.24 -1.07	28.85 1.41 -1.28	28.98 1.31 -3.39	29.13 0.96 -4.30	27.60 0.79 -6.86	30.25 0.87 -6.75	37.10 1.44 -5.09	37.99 2.11 -3.86	11.64 -0.96 -27.53	12.66 -0.72 -24.43	16.42 -0.75 -28.78	24.69 0.56 -16.56	14.37 -0.23 -17.90	10.99 -0.31 -15.42	8.63 -0.54 -18.89
N SALMON___HYD 24042	37.37 0.04 -0.03	33.52 0.43 -0.08	33.99 0.46 -0.06	30.17 0.51 -0.07	28.71 0.61 -0.14	26.56 0.62 -0.57	32.81 0.69 -0.06	15.57 0.33 -0.78	14.86 0.39 -0.68	25.08 0.61 -0.12	26.80 0.51 -0.14	24.86 0.21 -0.38	24.97 0.63 -0.48	21.15 0.44 -0.76	24.24 0.86 -0.57	32.44 1.32 -0.57	33.25 0.81 -0.43	-11.79 0.08 -3.05	-7.66 0.69 -2.71	-7.60 0.83 -3.19	8.74 -0.66 -1.84	-1.04 0.27 -1.99	-2.14 0.27 -1.71	-6.98 0.65 -2.09

N.AKRON__115KV_KNAPP 355671	36.96 -0.51 -0.17	33.03 -0.45 -0.46	33.47 -0.34 -0.34	29.59 -0.40 -0.41	28.38 -0.35 -0.76	28.13 -0.41 -3.17	31.90 -0.47 -0.31	18.31 -0.48 -4.32	17.16 -0.43 -3.80	24.25 -0.76 -0.66	26.01 -0.94 -0.79	25.57 -0.80 -2.10	25.62 -0.91 -2.66	23.48 -0.71 -4.23	25.94 -0.86 -4.17	32.60 -1.07 -3.11	33.47 -0.90 -2.35	2.31 0.25 -16.99	4.03 0.01 -15.08	6.17 0.02 -17.76	17.84 0.05 -10.22	7.76 0.01 -11.05	5.41 0.02 -9.52	1.90 -0.04 -11.66
N.BELMOR_69_KV_BK1 55787	66.98 2.59 -27.10	50.22 2.30 -14.91	50.29 2.33 -14.49	33.04 1.83 -1.63	32.70 1.72 -3.01	59.27 1.70 -32.20	54.44 2.14 -20.23	65.38 0.99 -49.93	41.49 0.97 -26.74	38.09 1.76 -11.99	38.21 1.96 -10.10	43.95 1.85 -17.82	43.79 1.76 -18.17	38.53 1.43 -17.15	41.43 1.59 -17.21	44.97 2.00 -12.41	59.60 2.18 -25.41	51.08 -1.02 -67.03	47.63 -0.81 -59.50	57.62 -0.86 -70.09	48.44 0.55 -40.33	40.06 -0.24 -43.60	33.12 -0.30 -37.55	35.65 -0.63 -45.99
N.E_GEN_SANDY PD 24062	39.54 1.48 -0.77	36.36 1.32 -2.02	36.29 1.34 -1.47	32.52 1.13 -1.80	32.76 1.11 -3.69	40.27 0.97 -13.93	34.69 1.24 -1.39	34.58 0.55 -19.56	31.01 0.52 -16.71	28.24 0.98 -2.91	30.72 1.10 -3.47	34.99 1.04 -9.68	36.56 1.00 -11.70	39.35 0.82 -18.58	47.13 0.92 -23.58	54.06 1.16 -22.34	43.67 1.17 -10.48	74.32 -0.56 -89.81	54.75 -0.41 -66.22	65.97 -0.43 -78.02	52.73 0.28 -44.88	45.11 -0.12 -48.53	37.35 -0.15 -41.63	41.24 -0.35 -51.31
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	39.39 1.42 -0.67	36.00 1.23 -1.76	35.99 1.24 -1.28	32.16 1.01 -1.57	31.82 0.96 -2.91	38.34 0.85 -12.12	34.36 1.09 -1.21	31.49 0.53 -16.50	28.84 0.52 -14.53	27.86 0.98 -2.53	30.29 1.11 -3.02	33.37 1.09 -8.00	35.07 1.06 -10.15	37.01 0.89 -16.16	39.50 0.96 -15.91	43.80 1.22 -12.02	42.49 1.35 -9.12	49.32 -0.65 -64.90	46.05 -0.50 -57.60	55.71 -0.55 -67.86	46.96 0.35 -39.04	38.75 -0.16 -42.21	32.03 -0.20 -36.36	34.39 -0.42 -44.53
N.QUEENS_27_KV_LOAD 356247	39.45 1.47 -0.69	36.17 1.34 -1.82	36.01 1.22 -1.32	32.20 1.00 -1.62	31.89 0.93 -3.00	38.72 0.83 -12.52	34.40 1.09 -1.25	32.05 0.55 -17.04	29.36 0.58 -15.01	28.00 1.03 -2.62	30.40 1.13 -3.12	33.65 1.12 -8.26	35.42 1.08 -10.48	37.54 0.90 -16.69	40.03 0.97 -16.43	44.22 1.25 -12.41	42.83 1.40 -9.41	51.45 -0.64 -67.02	47.94 -0.48 -59.48	57.92 -0.54 -70.08	48.22 0.34 -40.32	40.13 -0.15 -43.59	33.23 -0.19 -37.54	35.87 -0.39 -45.98
N.TROY___115KV_TB1 355778	39.64 1.50 -0.84	36.55 1.33 -2.22	36.44 1.36 -1.61	32.75 1.20 -1.97	32.77 1.15 -3.66	41.66 1.02 -15.26	34.89 1.31 -1.52	35.83 0.59 -20.78	32.62 0.54 -18.30	28.50 0.96 -3.19	30.99 1.03 -3.80	35.33 0.98 -10.08	37.60 0.96 -12.78	41.09 0.78 -20.35	43.57 0.90 -20.04	46.80 1.11 -15.13	44.62 1.12 -11.48	66.27 -0.53 -81.73	61.09 -0.38 -72.54	73.44 -0.40 -85.46	56.99 0.25 -49.16	49.75 -0.11 -53.15	41.52 -0.13 -45.78	46.03 -0.33 -56.07
NARROWS_GT1_1 24228	39.76 1.77 -0.69	36.38 1.55 -1.82	36.33 1.53 -1.32	32.45 1.25 -1.62	32.15 1.19 -3.00	38.94 1.06 -12.52	34.68 1.38 -1.25	32.17 0.66 -17.04	29.47 0.68 -15.01	28.21 1.25 -2.62	30.67 1.40 -3.12	33.91 1.37 -8.26	35.68 1.34 -10.48	37.75 1.11 -16.69	40.27 1.21 -16.43	44.50 1.53 -12.41	43.13 1.70 -9.41	51.30 -0.79 -67.02	47.81 -0.61 -59.48	57.80 -0.67 -70.08	48.31 0.43 -40.32	40.10 -0.19 -43.59	33.18 -0.23 -37.54	35.77 -0.50 -45.98
NARROWS_GT1_2 24229	39.76 1.77 -0.69	36.38 1.55 -1.82	36.33 1.53 -1.32	32.45 1.25 -1.62	32.15 1.19 -3.00	38.94 1.06 -12.52	34.68 1.38 -1.25	32.17 0.66 -17.04	29.47 0.68 -15.01	28.21 1.25 -2.62	30.67 1.40 -3.12	33.91 1.37 -8.26	35.68 1.34 -10.48	37.75 1.11 -16.69	40.27 1.21 -16.43	44.50 1.53 -12.41	43.13 1.70 -9.41	51.30 -0.79 -67.02	47.81 -0.61 -59.48	57.80 -0.67 -70.08	48.31 0.43 -40.32	40.10 -0.19 -43.59	33.18 -0.23 -37.54	35.77 -0.50 -45.98
NARROWS_GT1_3 24230	39.76 1.77 -0.69	36.38 1.55 -1.82	36.33 1.53 -1.32	32.45 1.25 -1.62	32.15 1.19 -3.00	38.94 1.06 -12.52	34.68 1.38 -1.25	32.17 0.66 -17.04	29.47 0.68 -15.01	28.21 1.25 -2.62	30.67 1.40 -3.12	33.91 1.37 -8.26	35.68 1.34 -10.48	37.75 1.11 -16.69	40.27 1.21 -16.43	44.50 1.53 -12.41	43.13 1.70 -9.41	51.30 -0.79 -67.02	47.81 -0.61 -59.48	57.80 -0.67 -70.08	48.31 0.43 -40.32	40.10 -0.19 -43.59	33.18 -0.23 -37.54	35.77 -0.50 -45.98
NARROWS_GT1_4 24231	39.76 1.77 -0.69	36.38 1.55 -1.82	36.33 1.53 -1.32	32.45 1.25 -1.62	32.15 1.19 -3.00	38.94 1.06 -12.52	34.68 1.38 -1.25	32.17 0.66 -17.04	29.47 0.68 -15.01	28.21 1.25 -2.62	30.67 1.40 -3.12	33.91 1.37 -8.26	35.68 1.34 -10.48	37.75 1.11 -16.69	40.27 1.21 -16.43	44.50 1.53 -12.41	43.13 1.70 -9.41	51.30 -0.79 -67.02	47.81 -0.61 -59.48	57.80 -0.67 -70.08	48.31 0.43 -40.32	40.10 -0.19 -43.59	33.18 -0.23 -37.54	35.77 -0.50 -45.98
NARROWS_GT1_5 24232	39.76 1.77 -0.69	36.38 1.55 -1.82	36.33 1.53 -1.32	32.45 1.25 -1.62	32.15 1.19 -3.00	38.94 1.06 -12.52	34.68 1.38 -1.25	32.17 0.66 -17.04	29.47 0.68 -15.01	28.21 1.25 -2.62	30.67 1.40 -3.12	33.91 1.37 -8.26	35.68 1.34 -10.48	37.75 1.11 -16.69	40.27 1.21 -16.43	44.50 1.53 -12.41	43.13 1.70 -9.41	51.30 -0.79 -67.02	47.81 -0.61 -59.48	57.80 -0.67 -70.08	48.31 0.43 -40.32	40.10 -0.19 -43.59	33.18 -0.23 -37.54	35.77 -0.50 -45.98
NARROWS_GT1_6 24233	39.76 1.77 -0.69	36.38 1.55 -1.82	36.33 1.53 -1.32	32.45 1.25 -1.62	32.15 1.19 -3.00	38.94 1.06 -12.52	34.68 1.38 -1.25	32.17 0.66 -17.04	29.47 0.68 -15.01	28.21 1.25 -2.62	30.67 1.40 -3.12	33.91 1.37 -8.26	35.68 1.34 -10.48	37.75 1.11 -16.69	40.27 1.21 -16.43	44.50 1.53 -12.41	43.13 1.70 -9.41	51.30 -0.79 -67.02	47.81 -0.61 -59.48	57.80 -0.67 -70.08	48.31 0.43 -40.32	40.10 -0.19 -43.59	33.18 -0.23 -37.54	35.77 -0.50 -45.98
NARROWS_GT1_7 24234	39.76 1.77 -0.69	36.38 1.55 -1.82	36.33 1.53 -1.32	32.45 1.25 -1.62	32.15 1.19 -3.00	38.94 1.06 -12.52	34.68 1.38 -1.25	32.17 0.66 -17.04	29.47 0.68 -15.01	28.21 1.25 -2.62	30.67 1.40 -3.12	33.91 1.37 -8.26	35.68 1.34 -10.48	37.75 1.11 -16.69	40.27 1.21 -16.43	44.50 1.53 -12.41	43.13 1.70 -9.41	51.30 -0.79 -67.02	47.81 -0.61 -59.48	57.80 -0.67 -70.08	48.31 0.43 -40.32	40.10 -0.19 -43.59	33.18 -0.23 -37.54	35.77 -0.50 -45.98
NARROWS_GT1_8 24235	39.76 1.77 -0.69	36.38 1.55 -1.82	36.33 1.53 -1.32	32.45 1.25 -1.62	32.15 1.19 -3.00	38.94 1.06 -12.52	34.68 1.38 -1.25	32.17 0.66 -17.04	29.47 0.68 -15.01	28.21 1.25 -2.62	30.67 1.40 -3.12	33.91 1.37 -8.26	35.68 1.34 -10.48	37.75 1.11 -16.69	40.27 1.21 -16.43	44.50 1.53 -12.41	43.13 1.70 -9.41	51.30 -0.79 -67.02	47.81 -0.61 -59.48	57.80 -0.67 -70.08	48.31 0.43 -40.32	40.10 -0.19 -43.59	33.18 -0.23 -37.54	35.77 -0.50 -45.98
NARROWS_GT2_1 24236	39.76 1.77 -0.69	36.38 1.55 -1.82	36.33 1.53 -1.32	32.45 1.25 -1.62	32.15 1.19 -3.00	38.94 1.06 -12.52	34.68 1.38 -1.25	32.17 0.66 -17.04	29.47 0.68 -15.01	28.21 1.25 -2.62	30.67 1.40 -3.12	33.91 1.37 -8.26	35.68 1.34 -10.48	37.75 1.11 -16.69	40.27 1.21 -16.43	44.50 1.53 -12.41	43.13 1.70 -9.41	51.30 -0.79 -67.02	47.81 -0.61 -59.48	57.80 -0.67 -70.08	48.31 0.43 -40.32	40.10 -0.19 -43.59	33.18 -0.23 -37.54	35.77 -0.50 -45.98

NARROWS_GT2_2 24237	39.76 1.77 -0.69	36.38 1.55 -1.82	36.33 1.53 -1.32	32.45 1.25 -1.62	32.15 1.19 -3.00	38.94 1.06 -12.52	34.68 1.38 -1.25	32.17 0.66 -17.04	29.47 0.68 -15.01	28.21 1.25 -2.62	30.67 1.40 -3.12	33.91 1.37 -8.26	35.68 1.34 -10.48	37.75 1.11 -16.69	40.27 1.21 -16.43	44.50 1.53 -12.41	43.13 1.70 -9.41	51.30 -0.79 -67.02	47.81 -0.61 -59.48	57.80 -0.67 -70.08	48.31 0.43 -40.32	40.10 -0.19 -43.59	33.18 -0.23 -37.54	35.77 -0.50 -45.98
NARROWS_GT2_3 24238	39.76 1.77 -0.69	36.38 1.55 -1.82	36.33 1.53 -1.32	32.45 1.25 -1.62	32.15 1.19 -3.00	38.94 1.06 -12.52	34.68 1.38 -1.25	32.17 0.66 -17.04	29.47 0.68 -15.01	28.21 1.25 -2.62	30.67 1.40 -3.12	33.91 1.37 -8.26	35.68 1.34 -10.48	37.75 1.11 -16.69	40.27 1.21 -16.43	44.50 1.53 -12.41	43.13 1.70 -9.41	51.30 -0.79 -67.02	47.81 -0.61 -59.48	57.80 -0.67 -70.08	48.31 0.43 -40.32	40.10 -0.19 -43.59	33.18 -0.23 -37.54	35.77 -0.50 -45.98
NARROWS_GT2_4 24239	39.76 1.77 -0.69	36.38 1.55 -1.82	36.33 1.53 -1.32	32.45 1.25 -1.62	32.15 1.19 -3.00	38.94 1.06 -12.52	34.68 1.38 -1.25	32.17 0.66 -17.04	29.47 0.68 -15.01	28.21 1.25 -2.62	30.67 1.40 -3.12	33.91 1.37 -8.26	35.68 1.34 -10.48	37.75 1.11 -16.69	40.27 1.21 -16.43	44.50 1.53 -12.41	43.13 1.70 -9.41	51.30 -0.79 -67.02	47.81 -0.61 -59.48	57.80 -0.67 -70.08	48.31 0.43 -40.32	40.10 -0.19 -43.59	33.18 -0.23 -37.54	35.77 -0.50 -45.98
NARROWS_GT2_5 24240	39.76 1.77 -0.69	36.38 1.55 -1.82	36.33 1.53 -1.32	32.45 1.25 -1.62	32.15 1.19 -3.00	38.94 1.06 -12.52	34.68 1.38 -1.25	32.17 0.66 -17.04	29.47 0.68 -15.01	28.21 1.25 -2.62	30.67 1.40 -3.12	33.91 1.37 -8.26	35.68 1.34 -10.48	37.75 1.11 -16.69	40.27 1.21 -16.43	44.50 1.53 -12.41	43.13 1.70 -9.41	51.30 -0.79 -67.02	47.81 -0.61 -59.48	57.80 -0.67 -70.08	48.31 0.43 -40.32	40.10 -0.19 -43.59	33.18 -0.23 -37.54	35.77 -0.50 -45.98
NARROWS_GT2_6 24241	39.76 1.77 -0.69	36.38 1.55 -1.82	36.33 1.53 -1.32	32.45 1.25 -1.62	32.15 1.19 -3.00	38.94 1.06 -12.52	34.68 1.38 -1.25	32.17 0.66 -17.04	29.47 0.68 -15.01	28.21 1.25 -2.62	30.67 1.40 -3.12	33.91 1.37 -8.26	35.68 1.34 -10.48	37.75 1.11 -16.69	40.27 1.21 -16.43	44.50 1.53 -12.41	43.13 1.70 -9.41	51.30 -0.79 -67.02	47.81 -0.61 -59.48	57.80 -0.67 -70.08	48.31 0.43 -40.32	40.10 -0.19 -43.59	33.18 -0.23 -37.54	35.77 -0.50 -45.98
NARROWS_GT2_7 24242	39.76 1.77 -0.69	36.38 1.55 -1.82	36.33 1.53 -1.32	32.45 1.25 -1.62	32.15 1.19 -3.00	38.94 1.06 -12.52	34.68 1.38 -1.25	32.17 0.66 -17.04	29.47 0.68 -15.01	28.21 1.25 -2.62	30.67 1.40 -3.12	33.91 1.37 -8.26	35.68 1.34 -10.48	37.75 1.11 -16.69	40.27 1.21 -16.43	44.50 1.53 -12.41	43.13 1.70 -9.41	51.30 -0.79 -67.02	47.81 -0.61 -59.48	57.80 -0.67 -70.08	48.31 0.43 -40.32	40.10 -0.19 -43.59	33.18 -0.23 -37.54	35.77 -0.50 -45.98
NARROWS_GT2_8 24243	39.76 1.77 -0.69	36.38 1.55 -1.82	36.33 1.53 -1.32	32.45 1.25 -1.62	32.15 1.19 -3.00	38.94 1.06 -12.52	34.68 1.38 -1.25	32.17 0.66 -17.04	29.47 0.68 -15.01	28.21 1.25 -2.62	30.67 1.40 -3.12	33.91 1.37 -8.26	35.68 1.34 -10.48	37.75 1.11 -16.69	40.27 1.21 -16.43	44.50 1.53 -12.41	43.13 1.70 -9.41	51.30 -0.79 -67.02	47.81 -0.61 -59.48	57.80 -0.67 -70.08	48.31 0.43 -40.32	40.10 -0.19 -43.59	33.18 -0.23 -37.54	35.77 -0.50 -45.98
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	40.73 2.64 -0.79	37.41 2.31 -2.08	37.34 2.36 -1.51	33.62 2.19 -1.86	33.46 2.06 -3.44	41.56 1.85 -14.35	35.88 2.39 -1.43	35.05 1.06 -19.53	31.92 0.94 -17.20	29.00 1.66 -3.00	31.38 1.65 -3.57	35.17 1.42 -9.47	37.40 1.53 -12.01	40.37 1.28 -19.13	43.03 1.56 -18.84	46.80 2.02 -14.22	45.03 2.22 -10.79	60.85 -1.04 -76.82	56.37 -0.75 -68.18	67.95 -0.76 -80.33	54.26 0.48 -46.21	46.47 -0.19 -49.96	38.68 -0.23 -43.03	42.48 -0.51 -52.71
NCHELSEA_115KV_TR2 355582	39.82 1.83 -0.69	36.45 1.61 -1.83	36.42 1.62 -1.33	32.57 1.36 -1.63	32.27 1.29 -3.02	39.14 1.17 -12.61	34.82 1.50 -1.25	32.32 0.70 -17.16	29.58 0.69 -15.11	28.26 1.28 -2.64	30.72 1.43 -3.14	33.97 1.37 -8.32	35.75 1.33 -10.55	37.86 1.10 -16.81	40.39 1.21 -16.55	44.65 1.59 -12.50	43.23 1.73 -9.48	51.74 -0.83 -67.50	48.23 -0.62 -59.91	58.30 -0.66 -70.58	48.60 0.43 -40.61	40.42 -0.18 -43.90	33.46 -0.23 -37.81	36.10 -0.49 -46.31
NEG CAPITAL___MECHNVIL 23645	40.19 2.04 -0.85	37.04 1.79 -2.24	36.94 1.84 -1.63	33.21 1.62 -2.00	33.22 1.56 -3.70	42.23 1.42 -15.44	35.41 1.81 -1.54	36.30 0.82 -21.02	33.04 0.75 -18.51	28.88 1.30 -3.23	31.37 1.37 -3.85	35.82 1.35 -10.19	38.11 1.32 -12.92	41.61 1.07 -20.59	44.08 1.18 -20.27	47.35 1.48 -15.31	45.20 1.56 -11.61	67.00 -0.75 -82.67	61.78 -0.54 -73.38	74.27 -0.56 -86.45	57.66 0.36 -49.73	50.32 -0.14 -53.77	42.01 -0.18 -46.31	46.53 -0.48 -56.72
NEG CENTRAL_HIGH_ACRES 23767	36.52 -0.94 -0.16	32.58 -0.84 -0.41	32.92 -0.85 -0.30	29.14 -0.81 -0.37	27.90 -0.75 -0.68	27.54 -0.68 -2.85	31.53 -0.82 -0.28	17.91 -0.43 -3.88	16.78 -0.42 -3.42	24.17 -0.77 -0.60	26.00 -0.86 -0.71	25.40 -0.76 -1.88	25.46 -0.79 -2.39	23.12 -0.63 -3.80	25.65 -0.72 -3.74	32.49 -0.90 -2.83	33.36 -0.80 -2.15	0.59 0.26 -15.25	2.59 0.11 -13.54	4.44 0.11 -15.95	16.66 -0.08 -9.18	6.67 0.04 -9.92	4.48 0.06 -8.55	0.86 0.11 -10.46
NEG CENTRAL___DRP 24199	37.46 0.00 -0.16	33.47 0.03 -0.43	33.76 -0.03 -0.31	29.87 -0.08 -0.38	28.65 -0.02 -0.71	28.30 -0.01 -2.94	32.41 0.05 -0.29	18.46 -0.01 -4.01	17.28 -0.04 -3.53	24.88 -0.08 -0.62	26.70 -0.18 -0.73	26.06 -0.16 -1.94	26.09 -0.24 -2.47	23.68 -0.20 -3.93	26.28 -0.22 -3.87	33.39 -0.09 -2.92	34.28 0.05 -2.22	0.77 -0.07 -15.77	2.83 -0.11 -14.00	4.75 -0.13 -16.49	17.13 0.07 -9.49	6.93 -0.02 -10.26	4.69 -0.02 -8.83	1.02 -0.08 -10.82
NEG CENTRAL___INDECK 23768	38.10 0.61 -0.19	34.02 0.49 -0.51	34.30 0.45 -0.37	30.39 0.35 -0.46	29.19 0.38 -0.85	29.25 0.35 -3.53	32.95 0.53 -0.35	19.38 0.11 -4.80	18.04 0.03 -4.23	24.81 -0.27 -0.74	26.71 -0.32 -0.88	26.36 -0.24 -2.33	26.49 -0.33 -2.95	24.40 -0.26 -4.71	26.98 -0.29 -4.63	34.01 -0.04 -3.49	34.86 0.20 -2.64	3.76 -0.21 -18.89	5.43 -0.28 -16.77	7.84 -0.31 -19.76	19.09 0.15 -11.37	8.92 -0.07 -12.29	6.37 -0.09 -10.59	2.99 -0.25 -12.96
NEG CENTRAL___SENECA 23627	37.59 0.12 -0.17	33.59 0.12 -0.46	33.87 0.06 -0.33	29.97 -0.01 -0.41	28.77 0.06 -0.75	28.57 0.06 -3.14	32.53 0.16 -0.31	18.76 0.02 -4.27	17.53 -0.01 -3.76	24.96 -0.05 -0.66	26.76 -0.17 -0.78	26.20 -0.14 -2.07	26.25 -0.24 -2.63	23.94 -0.19 -4.18	26.53 -0.22 -4.12	33.61 -0.06 -3.11	34.47 0.10 -2.36	1.77 -0.11 -16.80	3.70 -0.15 -14.91	5.78 -0.17 -17.57	17.76 0.09 -10.11	7.59 -0.03 -10.93	5.25 -0.04 -9.41	1.69 -0.12 -11.53
NEG CENTRAL___STATE_STREET 24147	37.61 0.15 -0.16	33.69 0.25 -0.42	33.99 0.21 -0.31	30.09 0.13 -0.37	28.85 0.20 -0.69	28.43 0.16 -2.90	32.62 0.27 -0.29	18.47 0.06 -3.94	17.33 0.08 -3.47	25.10 0.15 -0.61	26.95 0.08 -0.72	26.27 0.08 -1.91	26.33 0.04 -2.42	23.79 -0.02 -3.86	26.45 0.02 -3.80	33.67 0.24 -2.87	34.54 0.35 -2.18	0.39 -0.19 -15.51	2.55 -0.15 -13.76	4.41 -0.19 -16.21	17.06 0.16 -9.33	6.74 -0.04 -10.08	4.52 -0.04 -8.69	0.78 -0.15 -10.64

NEG MILLWOOD___DRP 24198	39.96 1.97 -0.70	36.58 1.73 -1.84	36.54 1.73 -1.34	32.67 1.46 -1.64	32.38 1.39 -3.04	39.30 1.25 -12.68	34.94 1.62 -1.26	32.48 0.76 -17.26	29.73 0.75 -15.20	28.39 1.40 -2.65	30.87 1.55 -3.16	34.14 1.49 -8.37	35.92 1.44 -10.61	38.05 1.19 -16.91	40.58 1.30 -16.65	44.83 1.70 -12.57	43.41 1.86 -9.54	52.07 -0.89 -67.89	48.53 -0.66 -60.26	58.66 -0.71 -70.99	48.86 0.45 -40.84	40.66 -0.19 -44.15	33.66 -0.24 -38.03	36.34 -0.52 -46.58
NEG NORTH_FLCN_SEA 23793	37.37 0.05 -0.03	33.59 0.50 -0.07	34.10 0.57 -0.05	30.27 0.63 -0.07	28.84 0.76 -0.12	26.66 0.78 -0.51	32.95 0.83 -0.05	15.55 0.39 -0.70	14.83 0.44 -0.62	25.17 0.71 -0.11	26.92 0.64 -0.13	24.99 0.38 -0.34	25.04 0.74 -0.43	21.18 0.54 -0.68	24.33 1.03 -0.67	32.56 1.49 -0.51	33.44 1.04 -0.38	-12.20 -0.02 -2.74	-7.96 0.66 -2.44	-7.95 0.79 -2.87	8.55 -0.67 -1.65	-1.23 0.29 -1.79	-2.29 0.29 -1.54	-7.16 0.67 -1.88
NEG NORTH_KES_CHATEGAY 23792	36.91 -0.41 -0.03	33.15 0.07 -0.08	33.67 0.14 -0.06	29.89 0.24 -0.07	28.44 0.35 -0.13	26.30 0.40 -0.53	32.48 0.36 -0.05	15.37 0.19 -0.72	14.66 0.25 -0.63	24.85 0.39 -0.11	26.57 0.29 -0.13	24.66 0.04 -0.35	24.74 0.43 -0.44	20.93 0.27 -0.70	24.04 0.71 -0.69	32.19 1.11 -0.52	32.98 0.57 -0.40	-11.90 0.20 -2.83	-7.73 0.82 -2.51	-7.72 0.94 -2.96	8.51 -0.75 -1.70	-1.14 0.33 -1.84	-2.21 0.33 -1.58	-7.00 0.78 -1.94
NEG NORTH___ALICE_FALLS 23915	37.45 0.13 -0.03	33.64 0.55 -0.07	34.15 0.62 -0.06	30.32 0.67 -0.07	28.87 0.79 -0.12	26.69 0.81 -0.51	32.99 0.88 -0.05	15.59 0.42 -0.70	14.87 0.47 -0.62	25.24 0.78 -0.11	26.98 0.70 -0.13	25.00 0.38 -0.34	25.04 0.75 -0.43	21.19 0.55 -0.69	24.35 1.05 -0.68	32.62 1.55 -0.51	33.51 1.11 -0.39	-12.23 -0.06 -2.76	-7.98 0.63 -2.45	-7.97 0.77 -2.88	8.58 -0.65 -1.66	-1.22 0.29 -1.79	-2.30 0.28 -1.55	-7.16 0.66 -1.89
NEG NORTH___LWR_SARANAC 23913	37.45 0.13 -0.03	33.64 0.55 -0.07	34.15 0.62 -0.06	30.32 0.67 -0.07	28.87 0.79 -0.12	26.69 0.81 -0.51	32.99 0.88 -0.05	15.59 0.42 -0.70	14.87 0.47 -0.62	25.24 0.78 -0.11	26.98 0.70 -0.13	25.00 0.38 -0.34	25.04 0.75 -0.43	21.19 0.55 -0.69	24.35 1.05 -0.68	32.62 1.55 -0.51	33.51 1.11 -0.39	-12.23 -0.06 -2.76	-7.98 0.63 -2.45	-7.97 0.77 -2.88	8.58 -0.65 -1.66	-1.22 0.29 -1.79	-2.30 0.28 -1.55	-7.16 0.66 -1.89
NEG NORTH___PLATTSBURG 23628	37.45 0.13 -0.03	33.67 0.58 -0.07	34.15 0.62 -0.06	30.31 0.66 -0.07	28.87 0.79 -0.12	26.68 0.79 -0.51	33.00 0.89 -0.05	15.59 0.42 -0.70	14.87 0.47 -0.62	25.22 0.77 -0.11	26.98 0.70 -0.13	25.00 0.38 -0.34	25.04 0.75 -0.43	21.19 0.55 -0.69	24.35 1.05 -0.68	32.65 1.58 -0.51	33.53 1.13 -0.39	-12.23 -0.06 -2.76	-7.98 0.63 -2.45	-7.96 0.78 -2.88	8.58 -0.64 -1.66	-1.22 0.28 -1.79	-2.30 0.28 -1.55	-7.16 0.66 -1.89
NEG WEST_LEA_LOCKPORT 23791	36.40 -1.07 -0.18	32.54 -0.94 -0.47	32.99 -0.83 -0.34	29.16 -0.83 -0.42	27.98 -0.75 -0.77	27.80 -0.80 -3.22	31.39 -0.99 -0.32	18.13 -0.72 -4.39	16.99 -0.66 -3.86	23.88 -1.14 -0.67	25.65 -1.30 -0.80	25.24 -1.16 -2.13	25.30 -1.27 -2.70	23.24 -1.02 -4.29	25.65 -1.21 -4.23	32.09 -1.63 -3.16	32.86 -1.54 -2.39	2.88 0.55 -17.26	4.48 0.22 -15.32	6.66 0.24 -18.05	17.86 -0.09 -10.38	7.99 0.07 -11.22	5.62 0.08 -9.67	2.22 0.10 -11.84
NEG WEST___LANCASTR 23811	36.55 -0.94 -0.19	32.67 -0.85 -0.51	33.00 -0.84 -0.37	29.16 -0.87 -0.45	27.98 -0.82 -0.84	28.06 -0.80 -3.49	31.49 -0.92 -0.35	18.58 -0.63 -4.75	17.35 -0.61 -4.19	24.09 -0.99 -0.73	25.90 -1.13 -0.87	25.52 -1.06 -2.31	25.60 -1.18 -2.92	23.65 -0.96 -4.65	26.06 -1.15 -4.58	32.49 -1.50 -3.42	33.21 -1.40 -2.59	4.32 0.56 -18.69	5.80 0.27 -16.59	8.21 0.28 -19.54	18.70 -0.11 -11.24	8.92 0.07 -12.16	6.43 0.09 -10.47	3.21 0.11 -12.82
NEG_PENN_ALLEGHNY 23528	37.70 0.11 -0.30	33.90 0.10 -0.78	34.14 0.10 -0.57	30.31 0.03 -0.70	29.29 0.04 -1.29	30.80 0.04 -5.40	32.67 0.07 -0.54	21.82 0.01 -7.34	20.24 -0.01 -6.47	25.47 -0.01 -1.13	27.47 -0.03 -1.34	27.80 -0.03 -3.56	28.28 -0.11 -4.52	27.05 -0.10 -7.19	29.58 -0.13 -7.08	35.83 -0.08 -5.34	36.08 0.01 -4.05	13.95 -0.01 -28.89	14.52 -0.06 -25.64	18.52 -0.07 -30.21	25.02 0.07 -17.38	15.46 -0.03 -18.79	12.03 -0.03 -16.18	9.99 -0.11 -19.82
NEG___GEN_MONROE 24207	37.47 0.02 -0.16	33.41 -0.03 -0.42	33.79 0.01 -0.31	29.97 0.01 -0.38	28.63 -0.03 -0.70	28.26 -0.03 -2.92	32.38 0.03 -0.29	18.31 -0.13 -3.97	17.14 -0.14 -3.50	24.65 -0.30 -0.61	26.49 -0.40 -0.73	25.89 -0.30 -1.93	25.95 -0.36 -2.44	23.58 -0.27 -3.89	26.13 -0.33 -3.83	33.13 -0.33 -2.90	34.06 -0.15 -2.20	0.62 -0.08 -15.63	2.63 -0.18 -13.88	4.54 -0.19 -16.35	17.11 0.14 -9.40	6.82 -0.04 -10.17	4.58 -0.05 -8.76	0.85 -0.16 -10.72
NEPA___ENERGY 23901	36.68 -0.81 -0.19	32.86 -0.67 -0.51	33.16 -0.69 -0.37	29.29 -0.75 -0.46	28.17 -0.64 -0.85	28.28 -0.63 -3.54	31.69 -0.73 -0.35	18.79 -0.49 -4.82	17.52 -0.50 -4.24	24.24 -0.85 -0.74	26.08 -0.95 -0.88	25.76 -0.85 -2.34	25.83 -1.00 -2.96	23.88 -0.80 -4.72	26.32 -0.95 -4.65	32.79 -1.24 -3.47	33.47 -1.17 -2.63	4.52 0.50 -18.95	6.02 0.26 -16.82	8.43 0.23 -19.81	18.89 -0.07 -11.40	9.08 0.05 -12.32	6.55 0.06 -10.61	3.26 -0.03 -13.00
NEVERSINK___HYD 23608	39.24 1.31 -0.63	35.82 1.14 -1.67	35.82 1.13 -1.21	31.98 0.92 -1.49	31.59 0.87 -2.76	37.66 0.81 -11.48	34.26 1.05 -1.14	30.60 0.50 -15.63	28.05 0.51 -13.77	27.67 0.93 -2.40	30.05 1.04 -2.86	32.87 1.02 -7.58	34.48 1.00 -9.61	36.11 0.84 -15.31	38.57 0.87 -15.08	43.18 1.24 -11.39	42.06 1.40 -8.64	45.89 -0.67 -61.49	43.00 -0.52 -54.58	52.13 -0.55 -64.30	44.89 0.34 -36.99	36.54 -0.15 -39.99	30.14 -0.18 -34.45	32.09 -0.38 -42.19
NEWKRMKL_115KV_TB1 55635	38.86 0.73 -0.84	35.88 0.67 -2.20	35.74 0.67 -1.60	32.20 0.65 -1.96	32.20 0.60 -3.64	41.05 0.51 -15.17	34.24 0.67 -1.51	35.40 0.28 -20.65	32.26 0.30 -18.19	28.11 0.60 -3.17	30.59 0.65 -3.78	34.78 0.49 -10.02	37.07 0.50 -12.70	40.61 0.42 -20.23	43.05 0.50 -19.92	46.18 0.58 -15.04	44.02 0.59 -11.41	66.04 -0.27 -81.24	60.85 -0.20 -72.11	73.13 -0.20 -84.95	56.57 0.14 -48.87	49.49 -0.05 -52.84	41.32 -0.07 -45.51	45.89 -0.13 -55.74
NEWTON___FALLS_HYD 23847	37.02 -0.33 -0.05	32.90 -0.25 -0.13	33.47 -0.11 -0.10	29.68 -0.03 -0.12	28.22 0.04 -0.22	26.37 0.06 -0.93	32.12 -0.03 -0.09	15.73 -0.01 -1.27	14.88 -0.02 -1.12	24.37 -0.17 -0.19	26.11 -0.28 -0.23	24.30 -0.59 -0.62	24.43 -0.22 -0.78	20.97 -0.23 -1.24	23.75 -0.10 -1.23	31.17 -0.32 -0.93	32.08 -0.64 -0.70	-9.37 0.56 -4.99	-5.88 0.75 -4.43	-5.53 0.86 -5.22	9.97 -0.60 -3.01	0.15 0.20 -3.25	-1.07 0.26 -2.80	-5.67 0.62 -3.43
NGRID_A1_DSASP 323792	35.79 -1.68 -0.18	32.06 -1.43 -0.47	32.28 -1.54 -0.34	28.58 -1.42 -0.42	27.41 -1.33 -0.78	27.33 -1.29 -3.25	30.83 -1.55 -0.32	17.91 -0.98 -4.43	16.80 -0.87 -3.90	23.59 -1.44 -0.68	25.38 -1.58 -0.81	25.02 -1.40 -2.15	25.07 -1.52 -2.72	22.97 -1.32 -4.34	25.32 -1.58 -4.27	31.69 -2.04 -3.17	32.28 -2.13 -2.40	3.33 0.84 -17.41	4.83 0.44 -15.46	7.05 0.45 -18.21	17.82 -0.22 -10.48	8.15 0.13 -11.32	5.79 0.15 -9.76	2.46 0.23 -11.95

NGRID_A2_DSASP 323793	35.79 -1.68 -0.18	32.06 -1.43 -0.47	32.28 -1.54 -0.34	28.58 -1.42 -0.42	27.41 -1.33 -0.78	27.33 -1.29 -3.25	30.83 -1.55 -0.32	17.91 -0.98 -4.43	16.80 -0.87 -3.90	23.59 -1.44 -0.68	25.38 -1.58 -0.81	25.02 -1.40 -2.15	25.07 -1.52 -2.72	22.97 -1.32 -4.34	25.32 -1.58 -4.27	31.69 -2.04 -3.17	32.28 -2.13 -2.40	3.33 0.84 -17.41	4.83 0.44 -15.46	7.05 0.45 -18.21	17.82 -0.22 -10.48	8.15 0.13 -11.32	5.79 0.15 -9.76	2.46 0.23 -11.95
NGRID_A4_DSASP 323807	35.79 -1.68 -0.18	32.06 -1.43 -0.47	32.28 -1.54 -0.34	28.58 -1.42 -0.42	27.41 -1.33 -0.78	27.33 -1.29 -3.25	30.83 -1.55 -0.32	17.91 -0.98 -4.43	16.80 -0.87 -3.90	23.59 -1.44 -0.68	25.38 -1.58 -0.81	25.02 -1.40 -2.15	25.07 -1.52 -2.72	22.97 -1.32 -4.34	25.32 -1.58 -4.27	31.69 -2.04 -3.17	32.28 -2.13 -2.40	3.33 0.84 -17.41	4.83 0.44 -15.46	7.05 0.45 -18.21	17.82 -0.22 -10.48	8.15 0.13 -11.32	5.79 0.15 -9.76	2.46 0.23 -11.95
NIAGARA_115E_LBMP 323715	35.85 -1.63 -0.18	32.07 -1.41 -0.47	32.60 -1.22 -0.34	28.85 -1.15 -0.42	27.68 -1.06 -0.78	27.51 -1.12 -3.26	30.97 -1.42 -0.32	17.92 -0.98 -4.43	16.79 -0.89 -3.90	23.49 -1.53 -0.68	25.25 -1.72 -0.81	24.88 -1.54 -2.15	24.95 -1.65 -2.73	22.95 -1.35 -4.34	25.32 -1.58 -4.28	31.60 -2.14 -3.18	32.35 -2.07 -2.41	3.31 0.81 -17.43	4.82 0.41 -15.47	7.06 0.44 -18.23	17.85 -0.20 -10.49	8.16 0.12 -11.34	5.79 0.15 -9.77	2.51 0.26 -11.96
NIAGARA_115W_LBMP 323714	35.71 -1.76 -0.18	31.99 -1.50 -0.47	32.20 -1.61 -0.34	28.51 -1.50 -0.42	27.34 -1.40 -0.78	27.27 -1.35 -3.25	30.77 -1.62 -0.32	17.87 -1.02 -4.42	16.77 -0.91 -3.90	23.54 -1.48 -0.68	25.33 -1.64 -0.81	24.97 -1.45 -2.15	25.02 -1.57 -2.72	22.92 -1.37 -4.33	25.26 -1.64 -4.27	31.62 -2.11 -3.17	32.20 -2.21 -2.40	3.35 0.88 -17.40	4.85 0.46 -15.44	7.07 0.49 -18.20	17.80 -0.24 -10.47	8.15 0.14 -11.32	5.79 0.17 -9.75	2.48 0.25 -11.94
NIAGARA_230_LBMP 323716	36.10 -1.37 -0.18	32.28 -1.20 -0.47	32.66 -1.15 -0.34	28.88 -1.12 -0.42	27.69 -1.04 -0.77	27.58 -1.02 -3.23	31.10 -1.29 -0.32	18.06 -0.80 -4.40	16.91 -0.74 -3.87	23.73 -1.29 -0.67	25.53 -1.43 -0.80	25.13 -1.28 -2.13	25.21 -1.36 -2.70	23.15 -1.11 -4.30	25.54 -1.32 -4.24	31.88 -1.82 -3.15	32.57 -1.82 -2.37	3.01 0.65 -17.28	4.58 0.30 -15.34	6.75 0.30 -18.08	17.78 -0.19 -10.40	8.02 0.08 -11.24	5.66 0.10 -9.68	2.29 0.14 -11.86
NIAGARA__115KV_198_GIBSON 55903	35.73 -1.74 -0.18	32.00 -1.49 -0.47	32.21 -1.61 -0.34	28.50 -1.50 -0.42	27.34 -1.40 -0.78	27.27 -1.35 -3.25	30.78 -1.61 -0.32	17.87 -1.02 -4.42	16.77 -0.90 -3.90	23.54 -1.48 -0.68	25.32 -1.64 -0.81	24.95 -1.46 -2.15	25.01 -1.58 -2.72	22.90 -1.39 -4.33	25.25 -1.64 -4.27	31.61 -2.12 -3.17	32.22 -2.19 -2.40	3.36 0.88 -17.40	4.85 0.47 -15.44	7.08 0.50 -18.20	17.82 -0.21 -10.47	8.15 0.13 -11.32	5.79 0.16 -9.75	2.47 0.25 -11.94
NIAGARA____ 23760	36.10 -1.37 -0.18	32.28 -1.20 -0.47	32.66 -1.15 -0.34	28.88 -1.12 -0.42	27.70 -1.04 -0.78	27.60 -1.02 -3.25	31.10 -1.29 -0.32	18.08 -0.80 -4.42	16.93 -0.74 -3.89	23.73 -1.29 -0.68	25.54 -1.43 -0.81	25.14 -1.28 -2.14	25.22 -1.36 -2.71	23.17 -1.11 -4.33	25.56 -1.32 -4.26	31.89 -1.82 -3.16	32.58 -1.82 -2.39	3.11 0.65 -17.38	4.68 0.30 -15.44	6.89 0.30 -18.21	17.84 -0.19 -10.46	8.10 0.08 -11.32	5.73 0.10 -9.75	2.38 0.14 -11.95
NINE_MILE_1 23575	36.40 -1.00 -0.11	32.40 -0.90 -0.28	32.77 -0.91 -0.20	29.01 -0.82 -0.25	27.66 -0.77 -0.46	26.61 -0.69 -1.94	31.39 -0.87 -0.19	16.71 -0.39 -2.63	15.73 -0.37 -2.32	24.07 -0.68 -0.40	25.90 -0.74 -0.48	24.87 -0.68 -1.28	24.81 -0.68 -1.62	21.98 -0.56 -2.58	24.53 -0.64 -2.54	31.68 -0.79 -1.92	32.69 -0.78 -1.46	-4.22 0.34 -10.37	-1.63 0.23 -9.20	-0.53 0.24 -10.84	13.65 -0.15 -6.24	3.51 0.07 -6.74	1.77 0.09 -5.81	-2.40 0.21 -7.11
NINE_MILE_2 23744	36.40 -1.00 -0.11	32.40 -0.90 -0.28	32.77 -0.91 -0.20	29.01 -0.82 -0.25	27.66 -0.76 -0.46	26.61 -0.69 -1.93	31.38 -0.87 -0.19	16.71 -0.39 -2.63	15.72 -0.37 -2.31	24.07 -0.68 -0.40	25.90 -0.73 -0.48	24.87 -0.67 -1.27	24.81 -0.67 -1.62	21.97 -0.56 -2.57	24.52 -0.64 -2.53	31.68 -0.79 -1.91	32.69 -0.78 -1.45	-4.26 0.34 -10.33	-1.66 0.23 -9.17	-0.57 0.24 -10.81	13.63 -0.15 -6.22	3.49 0.07 -6.72	1.76 0.09 -5.79	-2.42 0.21 -7.09
NM_CAPITAL____DRP 24208	38.97 0.84 -0.83	35.98 0.77 -2.20	35.84 0.77 -1.60	32.27 0.73 -1.96	32.27 0.68 -3.63	41.08 0.58 -15.13	34.32 0.75 -1.51	35.38 0.32 -20.60	32.24 0.32 -18.14	28.13 0.62 -3.16	30.60 0.67 -3.77	34.80 0.54 -9.99	37.07 0.54 -12.67	40.59 0.45 -20.18	43.03 0.54 -19.87	46.19 0.63 -15.00	44.02 0.63 -11.38	65.81 -0.29 -81.02	60.64 -0.21 -71.92	72.89 -0.22 -84.72	56.46 0.14 -48.74	49.34 -0.06 -52.70	41.19 -0.07 -45.39	45.72 -0.15 -55.59
NM_CENTRAL____DRP 24181	37.13 -0.30 -0.13	33.07 -0.29 -0.34	33.42 -0.31 -0.25	29.59 -0.29 -0.31	28.26 -0.27 -0.57	27.51 -0.23 -2.37	32.03 -0.27 -0.23	17.57 -0.13 -3.23	16.49 -0.13 -2.84	24.61 -0.23 -0.49	26.48 -0.26 -0.59	25.60 -0.23 -1.56	25.60 -0.25 -1.98	22.92 -0.20 -3.16	25.50 -0.25 -3.11	32.67 -0.24 -2.35	33.63 -0.17 -1.79	-2.19 0.04 -12.69	0.20 -0.01 -11.27	1.65 0.00 -13.27	15.21 0.01 -7.64	4.96 0.00 -8.26	2.99 0.01 -7.11	-0.99 0.01 -8.71
NM_FRONTIER____DRP 24179	35.73 -1.74 -0.18	32.00 -1.49 -0.47	32.21 -1.61 -0.34	28.50 -1.50 -0.42	27.34 -1.40 -0.78	27.27 -1.35 -3.25	30.78 -1.61 -0.32	17.87 -1.02 -4.42	16.77 -0.90 -3.90	23.54 -1.48 -0.68	25.32 -1.64 -0.81	24.95 -1.46 -2.15	25.01 -1.58 -2.72	22.90 -1.39 -4.33	25.25 -1.64 -4.27	31.61 -2.12 -3.17	32.22 -2.19 -2.40	3.36 0.88 -17.40	4.85 0.47 -15.44	7.08 0.50 -18.20	17.82 -0.21 -10.47	8.15 0.13 -11.32	5.79 0.16 -9.75	2.47 0.25 -11.94
NM_ST_REGIS____HYD 24053	37.18 -0.15 -0.04	33.23 0.12 -0.10	33.72 0.17 -0.07	29.91 0.24 -0.09	28.44 0.32 -0.16	26.38 0.34 -0.67	32.39 0.26 -0.07	15.52 0.15 -0.91	14.77 0.19 -0.80	24.72 0.23 -0.14	26.45 0.13 -0.17	24.49 -0.22 -0.44	24.71 0.28 -0.56	20.99 0.14 -0.89	23.97 0.47 -0.88	31.88 0.66 -0.66	32.64 0.12 -0.50	-11.00 0.35 -3.58	-7.08 0.81 -3.18	-6.91 0.96 -3.74	9.00 -0.72 -2.15	-0.71 0.27 -2.33	-1.84 0.28 -2.01	-6.61 0.65 -2.46
NORTHPORT____1 23551	71.56 2.83 -31.44	52.80 2.46 -17.33	52.85 2.46 -16.91	33.26 2.07 -1.62	32.81 1.85 -3.00	64.69 1.80 -37.52	52.44 2.31 -18.07	71.52 1.07 -55.98	37.14 1.03 -22.33	33.39 1.87 -7.17	33.07 2.09 -4.83	38.14 2.01 -11.85	37.05 1.79 -11.40	38.20 1.49 -16.76	41.50 1.65 -17.22	45.09 2.12 -12.41	62.81 2.45 -28.35	50.99 -1.11 -67.03	47.55 -0.89 -59.50	57.53 -0.95 -70.09	48.50 0.60 -40.33	40.04 -0.25 -43.60	33.10 -0.32 -37.55	35.58 -0.68 -45.99
NORTHPORT____2 23552	71.56 2.83 -31.44	52.80 2.46 -17.33	52.85 2.46 -16.91	33.26 2.07 -1.62	32.81 1.85 -3.00	64.69 1.80 -37.52	52.44 2.31 -18.07	71.52 1.07 -55.98	37.14 1.03 -22.33	33.39 1.87 -7.17	33.07 2.09 -4.83	38.14 2.01 -11.85	37.05 1.79 -11.40	38.20 1.49 -16.76	41.50 1.65 -17.22	45.09 2.12 -12.41	62.81 2.45 -28.35	50.99 -1.11 -67.03	47.55 -0.89 -59.50	57.53 -0.95 -70.09	48.50 0.60 -40.33	40.04 -0.25 -43.60	33.10 -0.32 -37.55	35.58 -0.68 -45.99

NORTHPORT___3 23553	71.29 2.66 -31.33	52.62 2.33 -17.27	52.66 2.33 -16.85	33.17 1.97 -1.62	32.74 1.78 -3.00	64.45 1.69 -37.40	52.26 2.19 -18.00	71.30 1.00 -55.84	37.08 1.00 -22.30	33.33 1.83 -7.15	33.02 2.05 -4.82	38.05 1.95 -11.83	36.99 1.75 -11.38	38.13 1.42 -16.76	41.41 1.57 -17.22	44.97 2.00 -12.41	62.51 2.22 -28.28	51.11 -1.00 -67.03	47.65 -0.79 -59.50	57.64 -0.83 -70.09	48.43 0.54 -40.33	40.07 -0.22 -43.60	33.14 -0.28 -37.55	35.68 -0.60 -45.99
NORTHPORT___4 23650	71.29 2.66 -31.33	52.62 2.33 -17.27	52.66 2.33 -16.85	33.17 1.97 -1.62	32.74 1.78 -3.00	64.45 1.69 -37.40	52.26 2.19 -18.00	71.30 1.00 -55.84	37.08 1.00 -22.30	33.33 1.83 -7.15	33.02 2.05 -4.82	38.05 1.95 -11.83	36.99 1.75 -11.38	38.13 1.42 -16.76	41.41 1.57 -17.22	44.97 2.00 -12.41	62.51 2.22 -28.28	51.11 -1.00 -67.03	47.65 -0.79 -59.50	57.64 -0.83 -70.09	48.43 0.54 -40.33	40.07 -0.22 -43.60	33.14 -0.28 -37.55	35.68 -0.60 -45.99
NORTHPORT___IC 23718	71.56 2.83 -31.44	52.80 2.46 -17.33	52.85 2.46 -16.91	33.26 2.07 -1.62	32.81 1.85 -3.00	64.69 1.80 -37.52	52.44 2.31 -18.07	71.52 1.07 -55.98	37.14 1.03 -22.33	33.39 1.87 -7.17	33.07 2.09 -4.83	38.14 2.01 -11.85	37.05 1.79 -11.40	38.20 1.49 -16.76	41.50 1.65 -17.22	45.09 2.12 -12.41	62.81 2.45 -28.35	50.99 -1.11 -67.03	47.55 -0.89 -59.50	57.53 -0.95 -70.09	48.50 0.60 -40.33	40.04 -0.25 -43.60	33.10 -0.32 -37.55	35.58 -0.68 -45.99
NORTH___COUNTRY_ESR 323785	36.77 -0.56 -0.03	33.06 -0.03 -0.08	33.54 0.02 -0.06	29.78 0.13 -0.07	28.34 0.26 -0.13	26.20 0.30 -0.53	32.37 0.25 -0.05	15.32 0.13 -0.72	14.61 0.20 -0.63	24.74 0.28 -0.11	26.49 0.21 -0.13	24.59 -0.03 -0.35	24.67 0.36 -0.44	20.87 0.21 -0.70	23.96 0.64 -0.70	32.10 1.02 -0.52	32.88 0.47 -0.40	-11.82 0.28 -2.83	-7.68 0.87 -2.51	-7.64 1.01 -2.96	8.48 -0.79 -1.70	-1.12 0.34 -1.84	-2.19 0.35 -1.58	-6.96 0.82 -1.94
NPX_GEN_1385_PROXY 323591	72.36 3.63 -31.44	53.51 3.17 -17.33	53.57 3.18 -16.91	33.80 2.60 -1.62	33.19 2.23 -3.00	65.18 2.29 -37.52	52.89 2.76 -18.07	71.79 1.34 -55.98	37.31 1.20 -22.33	33.52 1.99 -7.17	33.18 2.20 -4.83	38.37 2.25 -11.85	36.91 1.64 -11.40	38.29 1.50 -16.83	41.54 1.69 -17.22	44.96 1.99 -12.41	62.99 2.63 -28.35	51.11 -0.99 -67.03	47.56 -0.88 -59.50	57.47 -1.01 -70.09	48.42 0.53 -40.33	40.04 -0.25 -43.60	33.09 -0.34 -37.55	35.43 -0.83 -45.99
NPX_GEN_CSC 323557	72.05 3.46 -31.29	53.24 2.99 -17.25	53.29 2.98 -16.83	33.71 2.52 -1.62	33.25 2.29 -3.00	64.90 2.19 -37.34	53.05 2.86 -18.13	71.56 1.33 -55.77	37.53 1.28 -22.47	33.64 2.30 -7.32	38.68 2.37 -5.00	37.67 2.20 -12.04	38.65 1.85 -11.61	41.92 2.07 -16.84	45.76 2.78 -17.22	63.38 3.12 -28.25	50.66 -1.45 -67.03	47.32 -1.12 -59.50	57.30 -1.18 -70.09	48.68 0.78 -40.33	39.98 -0.31 -43.60	33.03 -0.39 -37.55	35.46 -0.81 -45.99	
NSINS_S_GLNS_FALLS 23858	40.65 2.50 -0.86	37.43 2.16 -2.26	37.41 2.30 -1.64	33.63 2.04 -2.01	33.64 1.95 -3.73	42.71 1.79 -15.54	35.90 2.29 -1.55	36.68 1.06 -21.16	33.37 0.96 -18.63	29.21 1.62 -3.25	31.68 1.66 -3.87	36.24 1.70 -10.27	38.52 1.64 -13.01	41.84 1.16 -20.73	44.19 1.15 -20.41	47.23 1.26 -15.41	45.06 1.35 -11.69	67.66 -0.64 -83.23	62.36 -0.45 -73.87	74.97 -0.45 -87.03	57.91 0.28 -50.07	50.73 -0.11 -54.13	42.36 -0.14 -46.62	46.81 -0.58 -57.10
NUCOR_STEEL___DRP 24197	37.56 0.11 -0.16	33.65 0.23 -0.41	33.96 0.19 -0.30	30.07 0.12 -0.37	28.82 0.18 -0.68	28.35 0.15 -2.83	32.59 0.24 -0.28	18.36 0.04 -3.85	17.24 0.07 -3.39	25.08 0.14 -0.59	26.93 0.07 -0.70	26.22 0.07 -1.87	26.27 0.04 -2.37	23.69 -0.04 -3.77	26.36 0.02 -3.71	33.59 0.22 -2.81	34.48 0.33 -2.13	0.04 -0.18 -15.14	2.24 -0.14 -13.44	4.04 -0.18 -15.84	16.80 0.12 -9.11	6.51 -0.04 -9.85	4.32 -0.04 -8.48	0.53 -0.14 -10.39
NUMBER_THREE_WT_PWR 323818	37.46 0.10 -0.06	33.15 -0.02 -0.16	33.81 0.22 -0.11	29.97 0.25 -0.14	28.49 0.27 -0.26	26.71 0.25 -1.08	32.45 0.28 -0.11	16.05 0.11 -1.48	15.12 0.04 -1.30	24.47 -0.10 -0.23	26.29 -0.14 -0.27	24.55 -0.44 -0.72	24.53 -0.24 -0.91	21.19 -0.21 -1.45	23.83 -0.22 -1.42	30.88 -0.76 -1.07	31.99 -0.84 -0.82	-8.58 0.54 -5.81	-5.36 0.55 -5.15	-4.93 0.61 -6.07	10.66 -0.40 -3.49	0.59 0.12 -3.78	-0.67 0.20 -3.25	-5.26 0.48 -3.99
NYISO_LBMP_REFERENCE 24008	37.30 0.00 0.00	33.01 0.00 0.00	33.47 0.00 0.00	29.58 0.00 0.00	27.96 0.00 0.00	25.37 0.00 0.00	32.06 0.00 0.00	14.47 0.00 0.00	13.78 0.00 0.00	24.35 0.00 0.00	26.16 0.00 0.00	24.27 0.00 0.00	23.86 0.00 0.00	19.96 0.00 0.00	22.63 0.00 0.00	30.56 0.00 0.00	32.02 0.00 0.00	-14.93 0.00 0.00	-11.06 0.00 0.00	-11.61 0.00 0.00	7.57 0.00 0.00	-3.30 0.00 0.00	-4.13 0.00 0.00	-9.72 0.00 0.00
NYPA_BRENTWD___GT 24164	71.64 3.23 -31.11	52.96 2.80 -17.14	53.00 2.80 -16.73	33.55 2.36 -1.62	33.10 2.13 -3.00	64.54 2.05 -37.12	52.92 2.65 -18.20	71.21 1.22 -55.53	37.60 1.19 -22.63	34.00 2.14 -7.51	33.70 2.35 -5.20	38.80 2.26 -12.27	37.83 2.09 -11.87	38.48 1.74 -16.79	41.80 1.96 -17.22	45.53 2.56 -12.41	62.92 2.78 -28.13	50.82 -1.28 -67.03	47.44 -1.00 -59.50	57.42 -1.06 -70.09	48.58 0.68 -40.33	40.00 -0.29 -43.60	33.06 -0.37 -37.55	35.49 -0.78 -45.99
NYPA_GOWANUS___GT5 24156	39.76 1.77 -0.69	36.38 1.55 -1.82	36.33 1.53 -1.32	32.45 1.25 -1.62	32.15 1.19 -3.00	38.94 1.06 -12.52	34.68 1.38 -1.25	32.17 0.66 -17.04	29.47 0.68 -15.01	28.21 1.25 -2.62	30.67 1.40 -3.12	33.91 1.37 -8.26	35.68 1.34 -10.48	37.75 1.11 -16.69	40.27 1.21 -16.43	44.50 1.53 -12.41	43.13 1.70 -9.41	51.30 -0.79 -67.02	47.82 -0.61 -59.48	57.80 -0.67 -70.08	48.31 0.43 -40.32	40.10 -0.19 -43.59	33.18 -0.23 -37.54	35.77 -0.50 -45.98
NYPA_GOWANUS___GT6 24157	39.76 1.77 -0.69	36.38 1.55 -1.82	36.33 1.53 -1.32	32.45 1.25 -1.62	32.15 1.19 -3.00	38.94 1.06 -12.52	34.68 1.38 -1.25	32.17 0.66 -17.04	29.47 0.68 -15.01	28.21 1.25 -2.62	30.67 1.40 -3.12	33.91 1.37 -8.26	35.68 1.34 -10.48	37.75 1.11 -16.69	40.27 1.21 -16.43	44.50 1.53 -12.41	43.13 1.70 -9.41	51.30 -0.79 -67.02	47.82 -0.61 -59.48	57.80 -0.67 -70.08	48.31 0.43 -40.32	40.10 -0.19 -43.59	33.18 -0.23 -37.54	35.77 -0.50 -45.98
NYPA_HARLEM__RVR__GT1 24160	39.40 1.42 -0.69	36.13 1.30 -1.82	36.01 1.21 -1.32	32.19 1.00 -1.62	31.88 0.93 -2.99	38.71 0.83 -12.51	34.38 1.08 -1.24	32.04 0.54 -17.04	29.35 0.56 -15.01	27.97 1.01 -2.62	30.39 1.12 -3.12	33.64 1.11 -8.26	35.40 1.06 -10.47	37.53 0.88 -16.69	40.00 0.95 -16.43	44.18 1.22 -12.40	42.78 1.36 -9.41	51.47 -0.62 -67.01	47.95 -0.46 -59.48	57.94 -0.52 -70.08	48.22 0.34 -40.32	40.14 -0.15 -43.59	33.23 -0.19 -37.54	35.88 -0.38 -45.98
NYPA_HARLEM__RVR__GT2 24161	39.40 1.42 -0.69	36.13 1.30 -1.82	36.01 1.21 -1.32	32.19 1.00 -1.62	31.88 0.93 -2.99	38.71 0.83 -12.51	34.38 1.08 -1.24	32.04 0.54 -17.04	29.35 0.56 -15.01	27.97 1.01 -2.62	30.39 1.12 -3.12	33.64 1.11 -8.26	35.40 1.06 -10.47	37.53 0.88 -16.69	40.00 0.95 -16.43	44.18 1.22 -12.40	42.78 1.36 -9.41	51.47 -0.62 -67.01	47.95 -0.46 -59.48	57.94 -0.52 -70.08	48.22 0.34 -40.32	40.14 -0.15 -43.59	33.23 -0.19 -37.54	35.88 -0.38 -45.98

NYPA_KENT____GT 24152	39.69	36.33	36.28	32.41	32.11	38.91	34.65	32.15	29.44	28.17	30.62	33.86	35.63	37.72	40.22	44.44	43.06	51.34	47.84	57.83	48.30	40.10	33.19	35.79
	1.71	1.50	1.49	1.22	1.15	1.02	1.34	0.65	0.66	1.21	1.35	1.32	1.29	1.08	1.16	1.48	1.63	-0.76	-0.58	-0.64	0.41	-0.18	-0.23	-0.47
	-0.69	-1.82	-1.32	-1.62	-3.00	-12.52	-1.25	-17.04	-15.01	-2.62	-3.12	-8.26	-10.48	-16.69	-16.43	-12.41	-9.41	-67.02	-59.48	-70.08	-40.32	-43.59	-37.54	-45.98
NYPA_POUCH1____GT 24155	39.73	36.36	36.30	32.44	32.14	38.92	34.66	32.16	29.45	28.19	30.64	33.87	35.64	37.74	40.24	44.46	43.09	51.31	47.82	57.81	48.31	40.10	33.18	35.77
	1.74	1.53	1.51	1.24	1.17	1.03	1.36	0.66	0.67	1.23	1.37	1.34	1.30	1.09	1.18	1.50	1.66	-0.78	-0.60	-0.66	0.43	-0.19	-0.23	-0.49
	-0.69	-1.82	-1.32	-1.62	-3.00	-12.52	-1.25	-17.04	-15.01	-2.62	-3.12	-8.26	-10.48	-16.69	-16.43	-12.41	-9.41	-67.02	-59.48	-70.08	-40.32	-43.59	-37.54	-45.98
NYPA_VERNON____GT2 24162	39.63	36.29	36.23	32.38	32.08	38.88	34.60	32.13	29.42	28.14	30.58	33.82	35.59	37.69	40.18	44.40	43.01	51.36	47.86	57.85	48.28	40.11	33.20	35.81
	1.64	1.46	1.44	1.18	1.12	0.99	1.29	0.62	0.64	1.17	1.31	1.28	1.25	1.04	1.12	1.43	1.58	-0.74	-0.56	-0.61	0.40	-0.17	-0.22	-0.45
	-0.69	-1.82	-1.32	-1.62	-3.00	-12.52	-1.25	-17.04	-15.01	-2.62	-3.12	-8.26	-10.48	-16.69	-16.43	-12.41	-9.41	-67.02	-59.48	-70.08	-40.32	-43.59	-37.54	-45.98
NYPA_VERNON____GT3 24163	39.63	36.29	36.23	32.38	32.08	38.88	34.60	32.13	29.42	28.14	30.58	33.82	35.59	37.69	40.18	44.40	43.01	51.36	47.86	57.85	48.28	40.11	33.20	35.81
	1.64	1.46	1.44	1.18	1.12	0.99	1.29	0.62	0.64	1.17	1.31	1.28	1.25	1.04	1.12	1.43	1.58	-0.74	-0.56	-0.61	0.40	-0.17	-0.22	-0.45
	-0.69	-1.82	-1.32	-1.62	-3.00	-12.52	-1.25	-17.04	-15.01	-2.62	-3.12	-8.26	-10.48	-16.69	-16.43	-12.41	-9.41	-67.02	-59.48	-70.08	-40.32	-43.59	-37.54	-45.98
NYPA____ASTORIA_CC1 323568	39.55	36.23	36.17	32.33	32.03	38.84	34.55	32.10	29.39	28.08	30.52	33.77	35.54	37.64	40.14	44.33	42.94	51.39	47.89	57.87	48.26	40.12	33.21	35.83
	1.57	1.40	1.38	1.13	1.07	0.95	1.24	0.59	0.61	1.12	1.25	1.23	1.20	1.00	1.07	1.37	1.51	-0.70	-0.53	-0.59	0.37	-0.17	-0.20	-0.43
	-0.69	-1.82	-1.32	-1.62	-3.00	-12.52	-1.25	-17.04	-15.01	-2.62	-3.12	-8.26	-10.48	-16.69	-16.43	-12.41	-9.41	-67.02	-59.48	-70.08	-40.32	-43.59	-37.54	-45.98
NYPA____ASTORIA_CC2 323569	39.55	36.23	36.17	32.33	32.03	38.84	34.55	32.10	29.39	28.08	30.52	33.77	35.54	37.64	40.14	44.33	42.94	51.39	47.89	57.87	48.26	40.12	33.21	35.83
	1.57	1.40	1.38	1.13	1.07	0.95	1.24	0.59	0.61	1.12	1.25	1.23	1.20	1.00	1.07	1.37	1.51	-0.70	-0.53	-0.59	0.37	-0.17	-0.20	-0.43
	-0.69	-1.82	-1.32	-1.62	-3.00	-12.52	-1.25	-17.04	-15.01	-2.62	-3.12	-8.26	-10.48	-16.69	-16.43	-12.41	-9.41	-67.02	-59.48	-70.08	-40.32	-43.59	-37.54	-45.98
NYPA____HOLTSVILL 23794	71.71	52.95	53.00	33.46	33.00	64.69	52.74	71.44	37.38	33.73	33.41	38.47	37.46	38.40	41.72	45.44	63.04	50.82	47.44	57.42	48.58	40.02	33.07	35.54
	3.11	2.68	2.69	2.26	2.04	1.96	2.56	1.18	1.15	2.07	2.27	2.18	2.01	1.67	1.87	2.47	2.77	-1.28	-1.00	-1.05	0.69	-0.28	-0.35	-0.73
	-31.30	-17.25	-16.84	-1.62	-3.00	-37.36	-18.12	-55.79	-22.45	-7.31	-4.98	-12.02	-11.59	-16.77	-17.22	-12.41	-28.26	-67.03	-59.50	-70.09	-40.33	-43.60	-37.55	-45.99
NYPA____HELLGATE_GT1 24158	39.37	36.10	35.95	32.15	31.84	38.67	34.33	32.03	29.33	27.94	30.35	33.60	35.36	37.49	39.96	44.13	42.74	51.49	47.97	57.95	48.21	40.14	33.23	35.89
	1.38	1.27	1.16	0.95	0.88	0.79	1.03	0.53	0.55	0.98	1.08	1.07	1.03	0.85	0.91	1.17	1.32	-0.60	-0.45	-0.51	0.32	-0.14	-0.18	-0.37
	-0.69	-1.82	-1.32	-1.62	-2.99	-12.51	-1.24	-17.04	-15.01	-2.62	-3.12	-8.26	-10.47	-16.69	-16.43	-12.40	-9.41	-67.01	-59.48	-70.08	-40.32	-43.59	-37.54	-45.98
NYPA____HELLGATE_GT2 24159	39.37	36.10	35.95	32.15	31.84	38.67	34.33	32.03	29.33	27.94	30.35	33.60	35.36	37.49	39.96	44.13	42.74	51.49	47.97	57.95	48.21	40.14	33.23	35.89
	1.38	1.27	1.16	0.95	0.88	0.79	1.03	0.53	0.55	0.98	1.08	1.07	1.03	0.85	0.91	1.17	1.32	-0.60	-0.45	-0.51	0.32	-0.14	-0.18	-0.37
	-0.69	-1.82	-1.32	-1.62	-2.99	-12.51	-1.24	-17.04	-15.01	-2.62	-3.12	-8.26	-10.47	-16.69	-16.43	-12.40	-9.41	-67.01	-59.48	-70.08	-40.32	-43.59	-37.54	-45.98
NYS_BARGE____HYD 23848	36.42	32.55	33.01	29.20	28.00	27.80	31.42	18.11	16.97	23.88	25.65	25.24	25.30	23.22	25.64	32.09	32.87	2.79	4.41	6.58	17.81	7.94	5.58	2.17
	-1.06	-0.93	-0.80	-0.80	-0.72	-0.78	-0.97	-0.73	-0.66	-1.14	-1.30	-1.15	-1.25	-1.01	-1.20	-1.61	-1.52	0.54	0.22	0.23	-0.09	0.07	0.08	0.10
	-0.18	-0.47	-0.34	-0.41	-0.77	-3.21	-0.32	-4.37	-3.85	-0.67	-0.80	-2.12	-2.69	-4.28	-4.21	-3.14	-2.38	-17.18	-15.25	-17.96	-10.34	-11.17	-9.62	-11.79
OAK ORCHARD____HYD 24046	37.23	33.21	33.58	29.70	28.44	28.05	32.12	18.21	17.06	24.55	26.42	25.82	25.87	23.51	26.06	32.98	33.86	0.64	2.65	4.54	16.99	6.79	4.56	0.86
	-0.23	-0.23	-0.20	-0.26	-0.22	-0.22	-0.23	-0.21	-0.20	-0.40	-0.45	-0.37	-0.42	-0.32	-0.39	-0.46	-0.34	0.01	-0.10	-0.12	0.06	-0.02	-0.03	-0.10
	-0.16	-0.42	-0.31	-0.38	-0.70	-2.91	-0.29	-3.96	-3.48	-0.61	-0.72	-1.92	-2.43	-3.87	-3.82	-2.88	-2.19	-15.56	-13.81	-16.27	-9.36	-10.12	-8.72	-10.68
OAKDALE__35_KV_LOAD 356122	37.66	33.86	34.10	30.28	29.26	30.74	32.63	21.76	20.19	25.43	27.43	27.77	28.23	26.99	29.52	35.76	36.01	13.81	14.40	18.37	24.91	15.36	11.94	9.89
	0.07	0.07	0.06	0.00	0.01	0.01	0.03	-0.01	-0.03	-0.04	-0.06	-0.04	-0.13	-0.11	-0.15	-0.11	-0.04	0.02	-0.03	-0.05	0.06	-0.02	-0.03	-0.10
	-0.30	-0.78	-0.57	-0.70	-1.29	-5.37	-0.53	-7.30	-6.43	-1.12	-1.34	-3.54	-4.49	-7.15	-7.04	-5.31	-4.03	-28.72	-25.50	-30.04	-17.28	-18.68	-16.09	-19.71
OCC_CHEM____DRP 24175	35.81	32.07	32.29	28.58	27.41	27.33	30.84	17.91	16.81	23.59	25.37	25.00	25.06	22.95	25.31	31.67	32.29	3.33	4.83	7.06	17.85	8.15	5.78	2.46
	-1.66	-1.42	-1.52	-1.42	-1.33	-1.29	-1.54	-0.98	-0.87	-1.44	-1.59	-1.42	-1.53	-1.34	-1.59	-2.06	-2.13	0.84	0.43	0.46	-0.20	0.12	0.15	0.23
	-0.18	-0.47	-0.34	-0.42	-0.78	-3.25	-0.32	-4.43	-3.90	-0.68	-0.81	-2.15	-2.72	-4.34	-4.27	-3.17	-2.40	-17.41	-15.46	-18.21	-10.48	-11.32	-9.76	-11.95
OH_GEN_PROXY 24063	36.17	32.34	32.71	28.93	27.73	27.62	31.16	18.09	16.94	23.81	25.62	25.21	25.28	23.28	25.60	32.02	32.71	2.97	4.56	6.73	17.79	8.01	5.65	2.27
	-1.30	-1.14	-1.10	-1.07	-1.00	-0.98	-1.22	-0.76	-0.70	-1.22	-1.34	-1.19	-1.29	-1.05	-1.27	-1.72	-1.72	0.63	0.28	0.28	-0.17	0.08	0.10	0.13
	-0.18	-0.47	-0.34	-0.42	-0.77	-3.23	-0.32	-4.39	-3.87	-0.67	-0.80	-2.13	-2.70	-4.38	-4.24	-3.19	-2.41	-17.28	-15.33	-18.07	-10.39	-11.24	-9.68	-11.85
OLIN_CORP_DRP 24177	35.93	32.14	32.64	28.87	27.71	27.55	31.01	17.97	16.84	23.55	25.31	24.94	25.00	23.01	25.39	31.68	32.44	3.35	4.85	7.09	17.92	8.19	5.82	2.52
	-1.55	-1.35	-1.18	-1.13	-1.04	-1.09	-1.37	-0.94	-0.86	-1.48	-1.66	-1.49	-1.60	-1.30	-1.53	-2.07	-2.00	0.78	0.38	0.41	-0.17	0.11	0.14	0.24
	-0.18	-0.47	-0.34	-0.42	-0.78	-3.27	-0.33	-4.45	-3.92	-0.68	-0.81	-2.16	-2.74	-4.36	-4.29	-3.19	-2.42	-17.50	-15.53	-18.30	-10.52	-11.38	-9.80	-12.00

OLIN_CORP_DSASP 323712	35.79 -1.68 -0.18	32.06 -1.43 -0.47	32.28 -1.54 -0.34	28.58 -1.42 -0.42	27.41 -1.33 -0.78	27.33 -1.29 -3.25	30.83 -1.55 -0.32	17.91 -0.98 -4.43	16.80 -0.87 -3.90	23.59 -1.44 -0.68	25.38 -1.58 -0.81	25.02 -1.40 -2.15	25.07 -1.52 -2.72	22.97 -1.32 -4.34	25.32 -1.58 -4.27	31.69 -2.04 -3.17	32.28 -2.13 -2.40	3.33 0.84 -17.41	4.83 0.44 -15.46	7.05 0.45 -18.21	17.82 -0.22 -10.48	8.15 0.13 -11.32	5.79 0.15 -9.76	2.46 0.23 -11.95
ONEIDA_HERK_LFGE 323681	37.91 0.56 -0.05	33.58 0.44 -0.13	34.11 0.54 -0.10	30.20 0.50 -0.12	28.67 0.49 -0.22	26.75 0.46 -0.92	32.73 0.58 -0.09	15.97 0.25 -1.25	15.10 0.22 -1.10	24.84 0.30 -0.19	26.68 0.29 -0.23	25.00 0.12 -0.61	24.84 0.21 -0.77	21.38 0.20 -1.22	24.05 0.22 -1.20	31.62 0.15 -0.91	32.88 0.17 -0.69	-10.04 -0.03 -4.91	-6.65 0.05 -4.36	-6.40 0.07 -5.14	10.45 -0.07 -2.96	-0.10 0.01 -3.19	-1.34 0.03 -2.75	-6.26 0.09 -3.37
ONEIDA___115KV_TB4 55905	38.27 0.89 -0.08	34.00 0.77 -0.22	34.44 0.81 -0.16	30.46 0.69 -0.19	28.99 0.67 -0.36	27.49 0.62 -1.50	33.00 0.79 -0.15	16.88 0.36 -2.05	15.92 0.33 -1.80	25.17 0.51 -0.31	27.07 0.55 -0.37	25.70 0.43 -0.99	25.61 0.48 -1.26	22.40 0.44 -2.01	25.07 0.46 -1.98	32.71 0.66 -1.49	33.92 0.77 -1.13	-7.23 -0.36 -8.06	-4.16 -0.25 -7.15	-3.44 -0.25 -8.42	12.56 0.14 -4.85	1.87 -0.07 -5.24	0.32 -0.07 -4.51	-4.35 -0.16 -5.53
ONONDAGA_REF_OCCRA 23987	37.38 -0.06 -0.15	33.33 -0.08 -0.39	33.67 -0.08 -0.28	29.82 -0.10 -0.34	28.51 -0.09 -0.64	27.96 -0.06 -2.66	32.27 -0.06 -0.26	18.05 -0.03 -3.61	16.93 -0.04 -3.18	24.83 -0.07 -0.55	26.72 -0.10 -0.66	25.95 -0.07 -1.75	25.99 -0.10 -2.22	23.42 -0.07 -3.54	26.02 -0.09 -3.49	33.16 -0.04 -2.63	34.08 0.07 -2.00	-0.77 -0.07 -14.22	1.48 -0.08 -12.62	3.17 -0.08 -14.87	16.18 0.06 -8.55	5.93 -0.02 -9.25	3.82 -0.02 -7.97	-0.01 -0.05 -9.76
ONONDAGA___COGEN 23986	37.31 -0.13 -0.14	33.27 -0.12 -0.37	33.61 -0.13 -0.27	29.77 -0.15 -0.33	28.46 -0.11 -0.62	27.84 -0.10 -2.57	32.22 -0.10 -0.25	17.91 -0.05 -3.49	16.81 -0.05 -3.08	24.79 -0.09 -0.54	26.67 -0.12 -0.64	25.87 -0.10 -1.70	25.89 -0.12 -2.15	23.28 -0.10 -3.42	25.89 -0.11 -3.37	33.05 -0.05 -2.55	33.98 0.03 -1.93	-1.23 -0.04 -13.74	1.08 -0.06 -12.20	2.69 -0.07 -14.37	15.88 0.04 -8.27	5.62 -0.02 -8.94	3.56 -0.01 -7.70	-0.32 -0.04 -9.43
ONTARIO___LFGE 23819	37.59 0.12 -0.17	33.59 0.12 -0.46	33.87 0.06 -0.33	29.97 -0.01 -0.41	28.77 0.06 -0.75	28.57 0.06 -3.14	32.53 0.15 -0.31	18.76 0.02 -4.27	17.53 -0.01 -3.76	24.96 -0.04 -0.66	26.76 -0.17 -0.78	26.20 -0.14 -2.07	26.25 -0.24 -2.63	23.94 -0.22 -4.18	26.53 -0.07 -4.12	33.61 -0.07 -3.11	34.47 0.09 -2.36	1.77 -0.11 -16.80	3.70 -0.15 -14.91	5.78 -0.17 -17.57	17.76 0.08 -10.11	7.59 -0.03 -10.93	5.25 -0.04 -9.41	1.69 -0.12 -11.53
ORANGEVILLE_WT_PWR 323706	36.42 -1.08 -0.20	32.64 -0.90 -0.53	32.89 -0.97 -0.39	29.13 -0.93 -0.47	28.02 -0.81 -0.88	28.25 -0.78 -3.66	31.45 -0.98 -0.36	18.84 -0.60 -4.98	17.56 -0.60 -4.39	24.15 -0.96 -0.76	25.98 -1.09 -0.91	25.67 -1.02 -2.41	25.79 -1.14 -3.06	23.91 -0.92 -4.88	26.28 -1.15 -4.80	32.61 -1.54 -3.59	33.11 -1.63 -2.72	5.35 0.69 -19.58	6.73 0.40 -17.38	9.28 0.42 -20.48	19.06 -0.29 -11.78	9.56 0.13 -12.74	7.00 0.15 -10.97	3.96 0.24 -13.44
ORANGEVILLE___ESR 323794	36.42 -1.08 -0.20	32.64 -0.90 -0.53	32.89 -0.97 -0.39	29.13 -0.93 -0.47	28.02 -0.81 -0.88	28.25 -0.78 -3.66	31.45 -0.98 -0.36	18.84 -0.60 -4.98	17.56 -0.60 -4.39	24.15 -0.96 -0.76	25.98 -1.09 -0.91	25.67 -1.02 -2.41	25.79 -1.14 -3.06	23.91 -0.92 -4.88	26.28 -1.15 -4.80	32.61 -1.54 -3.59	33.11 -1.63 -2.72	5.35 0.69 -19.58	6.73 0.40 -17.38	9.28 0.42 -20.48	19.06 -0.29 -11.78	9.56 0.13 -12.74	7.00 0.15 -10.97	3.96 0.24 -13.44
OSWEGATCHIE___HYD 24044	37.02 -0.33 -0.05	32.92 -0.23 -0.13	33.47 -0.11 -0.10	29.67 -0.03 -0.12	28.22 0.04 -0.22	26.35 0.05 -0.93	32.13 -0.03 -0.09	15.73 -0.01 -1.27	14.88 -0.02 -1.12	24.36 -0.18 -0.19	26.11 -0.28 -0.23	24.30 -0.59 -0.62	24.43 -0.21 -0.78	20.97 -0.23 -1.24	23.75 -0.10 -1.23	31.19 -0.30 -0.93	32.10 -0.62 -0.70	-9.37 0.56 -4.99	-5.88 0.75 -4.43	-5.52 0.87 -5.22	9.97 -0.60 -3.01	0.15 0.20 -3.25	-1.07 0.26 -2.80	-5.67 0.62 -3.43
OSWEGO___5 23606	36.65 -0.76 -0.11	32.64 -0.67 -0.30	33.01 -0.69 -0.22	29.22 -0.63 -0.27	27.88 -0.58 -0.50	26.92 -0.52 -2.07	31.62 -0.65 -0.21	16.98 -0.30 -2.82	15.97 -0.29 -2.48	24.26 -0.52 -0.43	26.10 -0.57 -0.51	25.12 -0.52 -1.37	25.08 -0.52 -1.73	22.28 -0.43 -2.76	24.85 -0.50 -2.72	32.01 -0.60 -2.05	32.99 -0.58 -1.56	-3.60 0.25 -11.08	-1.07 0.16 -9.84	0.14 0.16 -11.59	14.12 -0.11 -6.67	3.95 0.05 -7.21	2.15 0.06 -6.21	-1.97 0.14 -7.60
OSWEGO___6 23613	36.65 -0.76 -0.11	32.64 -0.67 -0.30	33.01 -0.69 -0.22	29.22 -0.63 -0.27	27.88 -0.58 -0.50	26.92 -0.52 -2.07	31.62 -0.65 -0.21	16.98 -0.30 -2.82	15.97 -0.29 -2.48	24.26 -0.52 -0.43	26.10 -0.57 -0.51	25.12 -0.52 -1.37	25.08 -0.52 -1.73	22.28 -0.43 -2.76	24.85 -0.50 -2.72	32.01 -0.60 -2.05	32.99 -0.58 -1.56	-3.60 0.25 -11.08	-1.07 0.16 -9.84	0.14 0.16 -11.59	14.12 -0.11 -6.67	3.95 0.05 -7.21	2.15 0.06 -6.21	-1.97 0.14 -7.60
OUTOKUMPU-AB___DRP 24206	36.60 -0.88 -0.18	32.73 -0.76 -0.48	33.05 -0.77 -0.35	29.23 -0.77 -0.43	28.05 -0.70 -0.79	27.93 -0.73 -3.28	31.54 -0.85 -0.33	18.28 -0.66 -4.47	17.13 -0.58 -3.94	24.07 -0.97 -0.68	25.87 -1.10 -0.82	25.47 -0.97 -2.17	25.52 -1.10 -2.75	23.43 -0.90 -4.38	25.85 -1.08 -4.31	32.35 -1.42 -3.21	33.07 -1.38 -2.43	3.14 0.48 -17.58	4.73 0.19 -15.60	6.96 0.19 -18.38	18.09 -0.06 -10.57	8.19 0.05 -11.43	5.79 0.07 -9.85	2.39 0.04 -12.06
OXBOW___ 24026	36.29 -1.19 -0.18	32.48 -1.01 -0.47	32.75 -1.07 -0.34	28.98 -1.03 -0.42	27.80 -0.94 -0.78	27.70 -0.94 -3.27	31.27 -1.12 -0.33	18.13 -0.78 -4.45	17.01 -0.69 -3.92	23.90 -1.13 -0.68	25.70 -1.27 -0.81	25.31 -1.12 -2.16	25.37 -1.23 -2.74	23.26 -1.05 -4.36	25.65 -1.27 -4.29	32.12 -1.63 -3.19	32.77 -1.66 -2.41	3.18 0.62 -17.50	4.74 0.27 -15.53	6.97 0.29 -18.30	17.97 -0.12 -10.53	8.16 0.08 -11.38	5.78 0.10 -9.80	2.40 0.11 -12.00
OXY_CHEM_DSASP 323612	35.81 -1.66 -0.18	32.07 -1.42 -0.47	32.29 -1.52 -0.34	28.58 -1.42 -0.42	27.41 -1.33 -0.78	27.33 -1.29 -3.25	30.84 -1.54 -0.32	17.91 -0.98 -4.43	16.81 -0.87 -3.90	23.59 -1.44 -0.68	25.37 -1.59 -0.81	25.00 -1.42 -2.15	25.06 -1.53 -2.72	22.95 -1.34 -4.34	25.31 -1.59 -4.27	31.67 -2.06 -3.17	32.29 -2.13 -2.40	3.33 0.84 -17.41	4.83 0.43 -15.46	7.06 0.46 -18.21	17.85 -0.20 -10.48	8.15 0.12 -11.32	5.78 0.15 -9.76	2.46 0.23 -11.95
OZONE_PARK_ESR 323760	39.89 1.90 -0.69	36.50 1.67 -1.82	36.46 1.67 -1.32	32.57 1.37 -1.62	32.25 1.29 -3.00	39.02 1.13 -12.52	34.80 1.49 -1.25	32.23 0.73 -17.03	29.51 0.73 -15.00	28.32 1.36 -2.62	30.77 1.50 -3.12	34.00 1.46 -8.26	35.78 1.43 -10.48	37.84 1.19 -16.69	40.36 1.30 -16.43	44.62 1.66 -12.41	43.25 1.82 -9.41	51.22 -0.86 -67.01	47.77 -0.65 -59.48	57.75 -0.71 -70.07	48.34 0.45 -40.32	40.08 -0.20 -43.59	33.17 -0.25 -37.54	35.74 -0.52 -45.98

PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	35.81 -1.66 -0.18	32.07 -1.42 -0.47	32.29 -1.52 -0.34	28.58 -1.42 -0.42	27.41 -1.33 -0.78	27.33 -1.29 -3.25	30.84 -1.54 -0.32	17.91 -0.98 -4.43	16.81 -0.87 -3.90	23.59 -1.44 -0.68	25.37 -1.59 -0.81	25.00 -1.42 -2.15	25.06 -1.53 -2.72	22.95 -1.34 -4.34	25.31 -1.59 -4.27	31.67 -2.06 -3.17	32.29 -2.13 -2.40	3.33 0.84 -17.41	4.83 0.43 -15.46	7.06 0.46 -18.21	17.85 -0.20 -10.48	8.15 0.12 -11.32	5.78 0.15 -9.76	2.46 0.23 -11.95
PACKARD__115KV_DUPONT_184 80571	35.81 -1.66 -0.18	32.07 -1.42 -0.47	32.29 -1.52 -0.34	28.58 -1.42 -0.42	27.41 -1.33 -0.78	27.33 -1.29 -3.25	30.84 -1.54 -0.32	17.91 -0.98 -4.43	16.81 -0.87 -3.90	23.59 -1.44 -0.68	25.37 -1.59 -0.81	25.00 -1.42 -2.15	25.06 -1.53 -2.72	22.95 -1.34 -4.34	25.31 -1.59 -4.27	31.67 -2.06 -3.17	32.29 -2.13 -2.40	3.33 0.84 -17.41	4.83 0.43 -15.46	7.06 0.46 -18.21	17.85 -0.20 -10.48	8.15 0.12 -11.32	5.78 0.15 -9.76	2.46 0.23 -11.95
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	39.45 1.47 -0.69	36.16 1.34 -1.82	36.08 1.28 -1.32	32.25 1.06 -1.62	31.95 1.00 -3.00	38.78 0.89 -12.52	34.46 1.16 -1.25	32.07 0.57 -17.04	29.38 0.59 -15.01	28.05 1.09 -2.62	30.47 1.20 -3.12	33.72 1.18 -8.26	35.48 1.14 -10.48	37.60 0.95 -16.69	40.09 1.03 -16.43	44.29 1.32 -12.41	42.91 1.48 -9.41	51.42 -0.67 -67.02	47.93 -0.50 -59.48	57.91 -0.55 -70.08	48.23 0.35 -40.32	40.13 -0.15 -43.59	33.22 -0.19 -37.54	35.86 -0.40 -45.98
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	39.51 1.52 -0.69	36.39 1.56 -1.82	36.31 1.52 -1.32	32.49 1.29 -1.62	32.19 1.23 -3.00	39.00 1.12 -12.52	34.76 1.45 -1.25	32.21 0.71 -17.04	29.43 0.65 -15.01	28.16 1.20 -2.62	30.61 1.34 -3.12	33.82 1.28 -8.26	35.59 1.25 -10.48	37.70 1.05 -16.69	40.20 1.14 -16.43	44.43 1.47 -12.41	43.04 1.61 -9.41	51.36 -0.73 -67.02	47.88 -0.54 -59.48	57.87 -0.59 -70.08	48.24 0.35 -40.32	40.12 -0.16 -43.59	33.22 -0.20 -37.54	35.84 -0.43 -45.98
PATROON__115KV_TB1 80586	38.98 0.85 -0.84	35.99 0.77 -2.21	35.85 0.77 -1.60	32.29 0.74 -1.97	32.30 0.69 -3.65	41.17 0.59 -15.22	34.36 0.78 -1.51	35.51 0.33 -20.71	32.36 0.34 -18.24	28.19 0.66 -3.18	30.67 0.73 -3.79	34.90 0.58 -10.05	37.18 0.58 -12.74	40.74 0.49 -20.29	43.18 0.57 -19.98	46.34 0.69 -15.09	44.16 0.70 -11.45	66.22 -0.32 -81.48	61.02 -0.24 -72.32	73.34 -0.24 -85.20	56.74 0.15 -49.02	49.63 -0.06 -52.99	41.44 -0.08 -45.64	46.01 -0.17 -55.90
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	36.70 -0.79 -0.19	32.79 -0.72 -0.50	33.14 -0.69 -0.36	29.29 -0.74 -0.44	28.09 -0.69 -0.82	28.12 -0.68 -3.43	31.62 -0.78 -0.34	18.56 -0.58 -4.67	17.34 -0.55 -4.12	24.16 -0.91 -0.72	25.97 -1.04 -0.86	25.58 -0.96 -2.27	25.66 -1.08 -2.87	23.67 -1.04 -4.58	26.10 -1.04 -4.51	32.56 -1.36 -3.36	33.30 -1.26 -2.54	3.92 0.47 -18.38	5.45 0.20 -16.31	7.80 0.20 -19.22	18.55 -0.07 -11.06	8.71 0.05 -11.95	6.24 0.06 -10.30	2.95 0.05 -12.61
PAWLING_115_KV_BK3_REV_LBMP_H 345028	39.96 1.97 -0.70	36.58 1.73 -1.84	36.54 1.73 -1.34	32.67 1.46 -1.64	32.38 1.39 -3.04	39.30 1.25 -12.68	34.94 1.62 -1.26	32.48 0.76 -17.26	29.73 0.75 -15.20	28.39 1.40 -2.65	30.87 1.55 -3.16	34.14 1.49 -8.37	35.92 1.44 -10.61	38.05 1.19 -16.91	40.58 1.30 -16.65	44.83 1.70 -12.57	43.41 1.86 -9.54	52.07 -0.89 -67.89	48.53 -0.66 -60.26	58.66 -0.71 -70.99	48.86 0.45 -40.84	40.66 -0.19 -44.15	33.66 -0.24 -38.03	36.34 -0.52 -46.58
PEEKSKILL____ 23653	39.43 1.46 -0.68	36.09 1.27 -1.80	36.06 1.28 -1.31	32.22 1.04 -1.60	31.92 0.99 -2.98	38.66 0.89 -12.40	34.44 1.14 -1.23	31.89 0.54 -16.88	29.19 0.54 -14.87	27.96 1.02 -2.59	30.38 1.14 -3.09	33.58 1.12 -8.19	35.33 1.08 -10.38	37.40 0.91 -16.54	39.89 0.97 -16.29	44.10 1.24 -12.30	42.72 1.37 -9.33	50.83 -0.66 -66.42	47.39 -0.50 -58.95	57.29 -0.55 -69.45	47.87 0.35 -39.96	39.74 -0.15 -43.20	32.89 -0.19 -37.20	35.44 -0.41 -45.57
PGE MADISON__WINDPWR 24146	40.01 2.43 -0.28	36.05 2.29 -0.75	36.36 2.34 -0.54	31.97 1.72 -0.66	30.75 1.56 -1.23	31.96 1.44 -5.14	34.33 1.75 -0.51	22.24 0.78 -7.00	20.71 0.76 -6.16	26.66 1.24 -1.07	28.85 1.41 -1.28	28.98 1.31 -3.39	29.13 0.96 -4.30	27.60 0.79 -6.86	30.25 0.87 -6.75	37.10 1.44 -5.09	37.99 2.11 -3.86	11.64 -0.96 -27.53	12.66 -0.72 -24.43	16.42 -0.75 -28.78	24.69 0.56 -16.56	14.37 -0.23 -17.90	10.99 -0.31 -15.42	8.63 -0.54 -18.89
PIERCEFIELD__HYD 23852	37.12 -0.21 -0.04	33.13 0.02 -0.10	33.61 0.07 -0.07	29.81 0.14 -0.09	28.33 0.20 -0.17	26.29 0.22 -0.69	32.24 0.11 -0.07	15.49 0.08 -0.94	14.73 0.12 -0.83	24.58 0.09 -0.14	26.31 -0.02 -0.17	24.36 -0.37 -0.46	24.60 0.16 -0.58	20.91 0.03 -0.93	23.85 0.31 -0.91	31.67 0.43 -0.69	32.40 -0.13 -0.52	-10.76 0.45 -3.72	-6.92 0.84 -3.30	-6.73 1.00 -3.89	9.07 -0.73 -2.24	-0.63 0.26 -2.42	-1.77 0.28 -2.08	-6.53 0.64 -2.55
PINELAWN_CC_I 323563	70.41 2.91 -30.21	52.16 2.50 -16.64	52.20 2.50 -16.22	33.30 2.10 -1.62	32.86 1.90 -3.00	63.19 1.81 -36.01	52.97 2.36 -18.54	69.82 1.09 -54.27	38.27 1.07 -23.42	34.66 1.94 -8.38	34.44 2.13 -6.16	39.63 2.00 -13.35	38.89 1.91 -13.12	38.38 1.56 -16.86	41.61 1.77 -17.21	45.26 2.29 -12.41	62.11 2.58 -27.51	50.91 -1.19 -67.03	47.51 -0.93 -59.50	57.49 -0.98 -70.09	48.53 0.64 -40.33	40.03 -0.26 -43.60	33.09 -0.33 -37.55	35.58 -0.69 -45.99
PJM_GEN_HTP_PROXY 323702	39.52 1.54 -0.69	36.18 1.35 -1.82	36.15 1.35 -1.32	32.30 1.10 -1.62	32.00 1.04 -3.00	38.81 0.92 -12.52	34.52 1.21 -1.24	32.09 0.59 -17.03	29.38 0.60 -15.00	28.07 1.11 -2.61	30.51 1.24 -3.12	33.75 1.21 -8.26	35.52 1.18 -10.48	37.62 0.98 -16.69	40.11 1.05 -16.43	44.29 1.32 -12.41	42.89 1.46 -9.41	51.40 -0.69 -67.01	47.89 -0.52 -59.48	57.88 -0.57 -70.07	48.25 0.37 -40.31	40.12 -0.16 -43.58	33.21 -0.20 -37.54	35.83 -0.42 -45.97
PJM_GEN_KEystone 24065	38.02 0.27 -0.46	34.44 0.23 -1.20	34.59 0.24 -0.87	30.77 0.12 -1.07	30.07 0.12 -1.98	33.72 0.08 -8.27	33.02 0.14 -0.82	25.73 0.01 -11.26	23.69 0.00 -9.91	26.12 0.04 -1.73	28.27 0.06 -2.06	29.82 0.08 -5.46	30.79 0.00 -6.92	30.99 0.00 -11.03	33.43 -0.06 -10.86	38.65 -0.10 -8.19	38.22 -0.01 -6.21	29.30 -0.05 -44.28	28.14 -0.10 -39.30	34.56 -0.13 -46.30	34.31 0.11 -26.64	25.45 -0.05 -28.80	20.61 -0.07 -24.81	-17.35 -0.18 7.46
PJM_GEN_NEPTUNE_PROXY 323594	50.01 2.33 -10.39	41.46 2.01 -6.44	41.46 2.02 -5.97	32.89 1.69 -1.61	32.48 1.53 -3.00	45.63 1.44 -18.81	40.24 1.91 -6.26	44.00 0.88 -28.66	31.85 0.88 -17.19	29.93 1.61 -3.97	31.33 1.82 -3.36	35.21 1.73 -9.20	36.01 1.61 -10.54	37.96 1.30 -16.71	40.72 1.42 -16.67	44.79 1.82 -12.41	49.12 2.03 -15.08	51.16 -0.94 -67.03	47.70 -0.73 -59.50	57.70 -0.78 -70.09	48.39 0.50 -40.32	40.08 -0.21 -43.60	33.16 -0.27 -37.55	35.71 -0.55 -45.99
PJM_GEN_VFT_PROXY 323633	39.33 1.35 -0.69	36.02 1.19 -1.82	35.97 1.17 -1.32	32.13 0.93 -1.62	31.85 0.89 -3.00	38.65 0.77 -12.52	34.33 1.02 -1.25	32.01 0.51 -17.03	29.31 0.52 -15.00	27.94 0.98 -2.62	30.37 1.09 -3.12	33.63 1.09 -8.26	35.41 1.06 -10.48	37.53 0.89 -16.69	40.00 0.94 -16.43	44.14 1.18 -12.41	42.74 1.31 -9.41	51.47 -0.62 -67.01	47.96 -0.46 -59.48	57.94 -0.52 -70.07	48.21 0.32 -40.32	40.13 -0.15 -43.59	33.23 -0.18 -37.54	35.88 -0.38 -45.98

PLATSBRG_115KV_PMLD1 355749	37.33 0.01 -0.03	33.56 0.48 -0.07	34.06 0.54 -0.05	30.25 0.60 -0.07	28.82 0.74 -0.12	26.64 0.75 -0.51	32.92 0.80 -0.05	15.54 0.38 -0.70	14.82 0.42 -0.62	25.14 0.69 -0.11	26.90 0.62 -0.13	24.97 0.36 -0.34	25.02 0.72 -0.43	21.17 0.53 -0.68	24.30 1.00 -0.67	32.53 1.47 -0.51	33.41 1.00 -0.38	-12.19 -0.01 -2.74	-7.95 0.67 -2.44	-7.94 0.81 -2.87	8.54 -0.68 -1.65	-1.22 0.29 -1.78	-2.29 0.30 -1.54	-7.15 0.68 -1.88
PLEASANTVLY___LBMP 24000	39.43 1.41 -0.72	36.16 1.26 -1.89	36.11 1.27 -1.37	32.32 1.05 -1.69	32.09 1.01 -3.12	39.29 0.89 -13.02	34.51 1.15 -1.30	32.72 0.53 -17.73	29.92 0.53 -15.61	28.07 1.00 -2.72	30.52 1.12 -3.24	33.96 1.08 -8.60	35.81 1.04 -10.90	38.18 0.86 -17.37	40.66 0.94 -17.10	44.67 1.19 -12.91	43.09 1.28 -9.80	54.20 -0.61 -69.73	50.37 -0.46 -61.89	60.81 -0.49 -72.92	49.84 0.32 -41.95	41.91 -0.14 -45.35	34.76 -0.18 -39.06	37.74 -0.38 -47.84
PLSNTVLE_13_KV_13.8KVDIST 80602	39.59 1.61 -0.69	36.26 1.42 -1.83	36.22 1.42 -1.33	32.39 1.18 -1.63	32.10 1.12 -3.02	38.94 0.98 -12.59	34.61 1.29 -1.25	32.21 0.60 -17.14	29.48 0.61 -15.09	28.12 1.14 -2.63	30.56 1.27 -3.14	33.81 1.23 -8.31	35.59 1.19 -10.54	37.73 0.98 -16.79	40.23 1.07 -16.53	44.41 1.37 -12.48	42.98 1.50 -9.47	51.77 -0.72 -67.41	48.24 -0.54 -59.84	58.29 -0.58 -70.49	48.50 0.38 -40.56	40.38 -0.17 -43.84	33.43 -0.21 -37.76	36.09 -0.44 -46.25
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	39.59 1.61 -0.69	36.26 1.42 -1.83	36.22 1.42 -1.33	32.39 1.18 -1.63	32.10 1.12 -3.02	38.94 0.98 -12.59	34.61 1.29 -1.25	32.21 0.60 -17.14	29.48 0.61 -15.09	28.12 1.14 -2.63	30.56 1.27 -3.14	33.81 1.23 -8.31	35.59 1.19 -10.54	37.73 0.98 -16.79	40.23 1.07 -16.53	44.41 1.37 -12.48	42.98 1.50 -9.47	51.77 -0.72 -67.41	48.24 -0.54 -59.84	58.29 -0.58 -70.49	48.50 0.38 -40.56	40.38 -0.17 -43.84	33.43 -0.21 -37.76	36.09 -0.44 -46.25
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	39.78 1.77 -0.71	36.46 1.58 -1.87	36.42 1.59 -1.36	32.58 1.33 -1.66	32.32 1.27 -3.08	39.38 1.15 -12.86	34.81 1.47 -1.28	32.64 0.68 -17.50	29.87 0.68 -15.41	28.30 1.26 -2.69	30.76 1.41 -3.20	34.10 1.34 -8.49	35.94 1.31 -10.76	38.16 1.07 -17.14	40.68 1.17 -16.88	44.86 1.55 -12.75	43.36 1.67 -9.67	53.12 -0.80 -68.84	49.44 -0.60 -61.10	59.74 -0.64 -71.99	49.39 0.41 -41.41	41.30 -0.17 -44.77	34.22 -0.22 -38.56	37.04 -0.48 -47.23
POLETTI____ 23519	39.46 1.48 -0.69	36.14 1.30 -1.82	36.10 1.31 -1.32	32.26 1.07 -1.62	31.97 1.01 -3.00	38.76 0.87 -12.52	34.46 1.15 -1.25	32.08 0.58 -17.03	29.37 0.58 -15.00	28.05 1.09 -2.62	30.47 1.20 -3.12	33.72 1.18 -8.26	35.49 1.15 -10.48	37.60 0.96 -16.69	40.09 1.03 -16.43	44.23 1.26 -12.41	42.84 1.40 -9.41	51.42 -0.66 -67.01	47.92 -0.50 -59.48	57.91 -0.55 -70.07	48.24 0.35 -40.32	40.12 -0.16 -43.59	33.22 -0.20 -37.54	35.85 -0.41 -45.98
POMONA___ESR 323819	39.39 1.42 -0.67	36.00 1.23 -1.76	35.99 1.24 -1.28	32.16 1.01 -1.57	31.82 0.96 -2.91	38.35 0.85 -12.12	34.37 1.10 -1.21	31.49 0.52 -16.50	28.84 0.52 -14.53	27.86 0.98 -2.53	30.29 1.11 -3.02	33.36 1.09 -8.00	35.07 1.06 -10.15	37.01 0.89 -16.16	39.50 0.96 -15.91	43.79 1.22 -12.02	42.49 1.36 -9.12	49.32 -0.65 -64.90	46.05 -0.50 -57.60	55.70 -0.55 -67.86	46.96 0.35 -39.04	38.75 -0.16 -42.21	32.03 -0.20 -36.36	34.39 -0.42 -44.53
PORT_JEFF_3 23555	71.78 3.20 -31.29	53.02 2.76 -17.25	53.06 2.76 -16.83	33.52 2.33 -1.62	33.07 2.11 -3.00	64.73 2.02 -37.34	52.82 2.63 -18.13	71.46 1.22 -55.77	37.43 1.19 -22.47	33.81 2.14 -7.32	33.48 2.33 -5.00	38.54 2.23 -12.04	37.54 2.07 -11.61	38.45 1.72 -16.77	41.78 1.93 -17.22	45.53 2.56 -12.41	63.13 2.87 -28.25	50.78 -1.32 -67.03	47.40 -1.03 -59.50	57.39 -1.09 -70.09	48.61 0.71 -40.33	40.00 -0.29 -43.60	33.06 -0.36 -37.55	35.51 -0.75 -45.99
PORT_JEFF_4 23616	71.78 3.20 -31.29	53.02 2.76 -17.25	53.06 2.76 -16.83	33.52 2.33 -1.62	33.07 2.11 -3.00	64.73 2.02 -37.34	52.82 2.63 -18.13	71.46 1.22 -55.77	37.43 1.19 -22.47	33.81 2.14 -7.32	33.48 2.33 -5.00	38.54 2.23 -12.04	37.54 2.07 -11.61	38.45 1.72 -16.77	41.78 1.93 -17.22	45.53 2.56 -12.41	63.13 2.87 -28.25	50.78 -1.32 -67.03	47.40 -1.03 -59.50	57.39 -1.09 -70.09	48.61 0.71 -40.33	40.00 -0.29 -43.60	33.06 -0.36 -37.55	35.51 -0.75 -45.99
PORT_JEFF_IC 23713	71.80 3.26 -31.25	53.04 2.81 -17.22	53.08 2.80 -16.81	33.55 2.36 -1.62	33.10 2.14 -3.00	64.71 2.05 -37.29	52.87 2.67 -18.14	71.42 1.24 -55.72	37.48 1.20 -22.50	33.87 2.17 -7.36	33.56 2.37 -5.03	38.62 2.26 -12.08	37.62 2.10 -11.66	38.48 1.75 -16.77	41.81 1.96 -17.22	45.58 2.61 -12.41	63.17 2.93 -28.22	50.75 -1.36 -67.03	47.38 -1.05 -59.50	57.37 -1.11 -70.09	48.62 0.73 -40.33	40.00 -0.29 -43.60	33.06 -0.37 -37.55	35.51 -0.76 -45.99
PPL PILGRIM_ST_GT1 24216	71.64 3.23 -31.11	52.96 2.80 -17.14	53.00 2.80 -16.73	33.55 2.36 -1.62	33.10 2.13 -3.00	64.54 2.05 -37.12	52.92 2.65 -18.20	71.21 1.22 -55.53	37.60 1.19 -22.63	34.00 2.14 -7.51	33.70 2.35 -5.20	38.80 2.26 -12.27	37.83 2.09 -11.87	38.48 1.74 -16.79	41.80 1.96 -17.22	45.53 2.56 -12.41	62.92 2.78 -28.13	50.82 -1.28 -67.03	47.44 -1.00 -59.50	57.42 -1.06 -70.09	48.58 0.68 -40.33	40.00 -0.29 -43.60	33.06 -0.37 -37.55	35.49 -0.78 -45.99
PPL PILGRIM_ST_GT2 24217	71.64 3.23 -31.11	52.96 2.80 -17.14	53.00 2.80 -16.73	33.55 2.36 -1.62	33.10 2.13 -3.00	64.54 2.05 -37.12	52.92 2.65 -18.20	71.21 1.22 -55.53	37.60 1.19 -22.63	34.00 2.14 -7.51	33.70 2.35 -5.20	38.80 2.26 -12.27	37.83 2.09 -11.87	38.48 1.74 -16.79	41.80 1.96 -17.22	45.53 2.56 -12.41	62.92 2.78 -28.13	50.82 -1.28 -67.03	47.44 -1.00 -59.50	57.42 -1.06 -70.09	48.58 0.68 -40.33	40.00 -0.29 -43.60	33.06 -0.37 -37.55	35.49 -0.78 -45.99
PPL_SHRM_GT3 24213	72.06 3.49 -31.27	53.26 3.01 -17.24	53.31 3.02 -16.82	33.74 2.54 -1.62	33.28 2.32 -3.00	64.90 2.21 -37.32	53.09 2.89 -18.13	71.55 1.34 -55.75	37.55 1.29 -22.48	34.00 2.32 -7.34	33.67 2.49 -5.02	38.72 2.39 -12.06	37.71 2.22 -11.63	38.59 1.86 -16.77	41.93 2.08 -17.22	45.78 2.81 -12.41	63.40 3.15 -28.23	50.64 -1.46 -67.03	47.31 -1.13 -59.50	57.29 -1.19 -70.09	48.68 0.79 -40.33	39.98 -0.31 -43.60	33.03 -0.39 -37.55	35.46 -0.81 -45.99
PPL_SHRM_GT4 24214	72.06 3.49 -31.27	53.26 3.01 -17.24	53.31 3.02 -16.82	33.74 2.54 -1.62	33.28 2.32 -3.00	64.90 2.21 -37.32	53.09 2.89 -18.13	71.55 1.34 -55.75	37.55 1.29 -22.48	34.00 2.32 -7.34	33.67 2.49 -5.02	38.72 2.39 -12.06	37.71 2.22 -11.63	38.59 1.86 -16.77	41.93 2.08 -17.22	45.78 2.81 -12.41	63.40 3.15 -28.23	50.64 -1.46 -67.03	47.31 -1.13 -59.50	57.29 -1.19 -70.09	48.68 0.79 -40.33	39.98 -0.31 -43.60	33.03 -0.39 -37.55	35.46 -0.81 -45.99
PROJECT___ORANGE I 24174	37.14 -0.28 -0.13	33.09 -0.27 -0.35	33.45 -0.28 -0.25	29.61 -0.28 -0.31	28.28 -0.25 -0.58	27.54 -0.22 -2.39	32.04 -0.26 -0.24	17.60 -0.12 -3.26	16.53 -0.12 -2.87	24.63 -0.22 -0.50	26.50 -0.25 -0.60	25.63 -0.22 -1.58	25.63 -0.23 -2.00	22.96 -0.19 -3.19	25.54 -0.23 -3.14	32.71 -0.22 -2.37	33.67 -0.15 -1.80	-2.08 0.03 -12.82	0.31 -0.01 -11.38	1.77 -0.02 -13.40	15.29 0.01 -7.71	5.03 0.00 -8.34	3.06 0.00 -7.18	-0.92 0.01 -8.79

PROJECT___ORANGE 2 24166	37.14 -0.28 -0.13	33.09 -0.27 -0.35	33.45 -0.28 -0.25	29.61 -0.28 -0.31	28.28 -0.25 -0.58	27.54 -0.22 -2.39	32.04 -0.26 -0.24	17.60 -0.12 -3.26	16.53 -0.12 -2.87	24.63 -0.22 -0.50	26.50 -0.25 -0.60	25.63 -0.22 -1.58	25.63 -0.23 -2.00	22.96 -0.19 -3.19	25.54 -0.23 -3.14	32.71 -0.22 -2.37	33.67 -0.15 -1.80	-2.08 0.03 -12.82	0.31 -0.01 -11.38	1.77 -0.02 -13.40	15.29 0.01 -7.71	5.03 0.00 -8.34	3.06 0.00 -7.18	-0.92 0.01 -8.79
PUCKETT___SOLAR 323809	38.22 0.62 -0.30	34.37 0.57 -0.79	34.63 0.58 -0.58	30.71 0.42 -0.71	29.67 0.40 -1.31	31.17 0.33 -5.47	33.04 0.43 -0.54	22.08 0.18 -7.44	20.47 0.14 -6.56	25.67 0.17 -1.14	27.75 0.23 -1.36	28.08 0.19 -3.61	28.44 0.00 -4.58	27.19 -0.05 -7.29	29.77 -0.03 -7.18	36.18 0.20 -5.42	36.53 0.41 -4.11	14.18 -0.17 -29.28	14.76 -0.16 -25.99	18.83 -0.17 -30.62	25.33 0.15 -17.62	15.67 -0.07 -19.04	12.18 -0.10 -16.40	10.17 -0.20 -20.09
PYRITES___HYD 24023	37.67 0.34 -0.04	33.62 0.50 -0.10	34.09 0.55 -0.07	30.22 0.55 -0.09	28.72 0.60 -0.16	26.64 0.59 -0.67	32.74 0.61 -0.07	15.69 0.31 -0.92	14.92 0.33 -0.81	24.90 0.41 -0.14	26.67 0.35 -0.17	24.68 -0.04 -0.44	24.94 0.51 -0.56	21.21 0.35 -0.90	24.24 0.73 -0.89	32.32 1.09 -0.67	33.17 0.65 -0.51	-11.23 0.09 -3.61	-7.26 0.59 -3.20	-7.09 0.75 -3.78	9.14 -0.60 -2.17	-0.74 0.21 -2.35	-1.89 0.21 -2.02	-6.75 0.50 -2.48
QUAKERRD_115KV_BK1 80622	36.41 -1.04 -0.16	32.48 -0.95 -0.41	32.82 -0.95 -0.30	29.05 -0.90 -0.37	27.81 -0.83 -0.68	27.46 -0.76 -2.85	31.42 -0.92 -0.28	17.86 -0.49 -3.88	16.73 -0.47 -3.42	24.08 -0.86 -0.60	25.92 -0.95 -0.71	25.32 -0.84 -1.88	25.38 -0.88 -2.39	23.06 -0.70 -3.80	25.56 -0.81 -3.74	32.36 -1.03 -2.83	33.22 -0.94 -2.15	0.67 0.33 -15.27	2.65 0.16 -13.55	4.50 0.16 -15.96	16.64 -0.11 -9.18	6.68 0.05 -9.93	4.50 0.07 -8.55	0.90 0.14 -10.47
QUENSBRY_115KV_TB8 356137	40.78 2.62 -0.86	37.53 2.26 -2.26	37.52 2.41 -1.64	33.73 2.14 -2.01	33.76 2.07 -3.73	42.83 1.91 -15.55	36.04 2.44 -1.55	36.76 1.13 -21.17	33.44 1.02 -18.64	29.32 1.72 -3.25	31.81 1.79 -3.87	36.38 1.84 -10.27	38.67 1.78 -13.02	41.96 1.28 -20.73	44.32 1.28 -20.41	47.38 1.41 -15.42	45.24 1.53 -11.70	67.60 -0.73 -83.26	62.33 -0.51 -73.90	74.94 -0.50 -87.06	57.96 0.31 -50.09	50.74 -0.11 -54.15	42.36 -0.15 -46.64	46.79 -0.61 -57.12
RAMAPO___LBMP 323565	39.24 1.28 -0.67	35.89 1.12 -1.75	35.86 1.11 -1.27	32.05 0.91 -1.56	31.71 0.86 -2.90	38.22 0.77 -12.08	34.26 0.99 -1.20	31.38 0.47 -16.45	28.74 0.48 -14.49	27.75 0.88 -2.52	30.17 1.01 -3.01	33.24 0.99 -7.98	34.94 0.96 -10.11	36.88 0.81 -16.11	39.36 0.86 -15.87	43.64 1.10 -11.98	42.33 1.22 -9.09	49.18 -0.59 -64.70	45.92 -0.45 -57.43	55.54 -0.50 -67.66	46.81 0.32 -38.92	38.64 -0.14 -42.08	31.94 -0.18 -36.24	34.29 -0.38 -44.39
RANKINE____ 23646	36.71 -0.78 -0.19	32.82 -0.69 -0.49	33.15 -0.68 -0.36	29.31 -0.71 -0.44	28.14 -0.64 -0.81	28.12 -0.64 -3.39	31.63 -0.77 -0.34	18.53 -0.56 -4.62	17.32 -0.53 -4.07	24.17 -0.89 -0.71	26.00 -1.00 -0.85	25.60 -0.91 -2.24	25.68 -1.03 -2.84	23.68 -0.80 -4.53	26.12 -0.96 -4.46	32.57 -1.31 -3.32	33.28 -1.25 -2.51	3.69 0.44 -18.18	5.25 0.17 -16.14	7.57 0.17 -19.01	18.42 -0.08 -10.94	8.58 0.05 -11.82	6.12 0.06 -10.18	2.80 0.04 -12.47
RAVENSWOOD_GT2_1 24244	39.57 1.58 -0.69	36.23 1.40 -1.82	36.19 1.40 -1.32	32.33 1.13 -1.62	32.03 1.07 -3.00	38.84 0.95 -12.52	34.55 1.24 -1.25	32.11 0.60 -17.04	29.40 0.61 -15.01	28.10 1.13 -2.62	30.54 1.27 -3.12	33.78 1.24 -8.26	35.55 1.21 -10.48	37.65 1.01 -16.69	40.14 1.08 -16.43	44.34 1.37 -12.41	42.93 1.50 -9.41	51.38 -0.71 -67.02	47.89 -0.53 -59.48	57.87 -0.59 -70.08	48.26 0.38 -40.32	40.12 -0.17 -43.59	33.21 -0.21 -37.54	35.83 -0.44 -45.98
RAVENSWOOD_GT2_2 24245	39.57 1.58 -0.69	36.23 1.40 -1.82	36.19 1.40 -1.32	32.33 1.13 -1.62	32.03 1.07 -3.00	38.84 0.95 -12.52	34.55 1.24 -1.25	32.11 0.60 -17.04	29.40 0.61 -15.01	28.10 1.13 -2.62	30.54 1.27 -3.12	33.78 1.24 -8.26	35.55 1.21 -10.48	37.65 1.01 -16.69	40.14 1.08 -16.43	44.34 1.37 -12.41	42.93 1.50 -9.41	51.38 -0.71 -67.02	47.89 -0.53 -59.48	57.87 -0.59 -70.08	48.26 0.38 -40.32	40.12 -0.17 -43.59	33.21 -0.21 -37.54	35.83 -0.44 -45.98
RAVENSWOOD_GT2_3 24246	39.59 1.60 -0.69	36.24 1.41 -1.82	36.20 1.41 -1.32	32.35 1.15 -1.62	32.05 1.09 -3.00	38.84 0.95 -12.52	34.56 1.26 -1.25	32.11 0.61 -17.04	29.40 0.61 -15.01	28.11 1.15 -2.62	30.54 1.27 -3.12	33.79 1.25 -8.26	35.56 1.22 -10.48	37.65 1.01 -16.69	40.16 1.10 -16.43	44.34 1.38 -12.41	42.95 1.52 -9.41	51.37 -0.72 -67.02	47.88 -0.54 -59.48	57.87 -0.59 -70.08	48.27 0.38 -40.32	40.12 -0.17 -43.59	33.21 -0.21 -37.54	35.82 -0.44 -45.98
RAVENSWOOD_GT2_4 24247	39.59 1.60 -0.69	36.24 1.41 -1.82	36.20 1.41 -1.32	32.35 1.15 -1.62	32.05 1.09 -3.00	38.84 0.95 -12.52	34.56 1.26 -1.25	32.11 0.61 -17.04	29.40 0.61 -15.01	28.11 1.15 -2.62	30.54 1.27 -3.12	33.79 1.25 -8.26	35.56 1.22 -10.48	37.65 1.01 -16.69	40.16 1.10 -16.43	44.34 1.38 -12.41	42.95 1.52 -9.41	51.37 -0.72 -67.02	47.88 -0.54 -59.48	57.87 -0.59 -70.08	48.27 0.38 -40.32	40.12 -0.17 -43.59	33.21 -0.21 -37.54	35.82 -0.44 -45.98
RAVENSWOOD_GT3_1 24248	39.57 1.58 -0.69	36.23 1.40 -1.82	36.19 1.40 -1.32	32.33 1.13 -1.62	32.03 1.07 -3.00	38.84 0.95 -12.52	34.56 1.25 -1.25	32.11 0.60 -17.04	29.40 0.61 -15.01	28.10 1.14 -2.62	30.54 1.27 -3.12	33.78 1.24 -8.26	35.55 1.21 -10.48	37.65 1.01 -16.69	40.14 1.08 -16.43	44.34 1.37 -12.41	42.93 1.50 -9.41	51.38 -0.71 -67.02	47.89 -0.54 -59.48	57.87 -0.59 -70.08	48.26 0.38 -40.32	40.12 -0.17 -43.59	33.21 -0.21 -37.54	35.83 -0.44 -45.98
RAVENSWOOD_GT3_2 24249	39.57 1.58 -0.69	36.23 1.40 -1.82	36.19 1.40 -1.32	32.33 1.13 -1.62	32.03 1.07 -3.00	38.84 0.95 -12.52	34.56 1.25 -1.25	32.11 0.60 -17.04	29.40 0.61 -15.01	28.10 1.14 -2.62	30.54 1.27 -3.12	33.78 1.24 -8.26	35.55 1.21 -10.48	37.65 1.01 -16.69	40.14 1.08 -16.43	44.34 1.37 -12.41	42.93 1.50 -9.41	51.38 -0.71 -67.02	47.89 -0.54 -59.48	57.87 -0.59 -70.08	48.26 0.38 -40.32	40.12 -0.17 -43.59	33.21 -0.21 -37.54	35.83 -0.44 -45.98
RAVENSWOOD_GT3_3 24250	39.63 1.64 -0.69	36.27 1.44 -1.82	36.24 1.44 -1.32	32.38 1.18 -1.62	32.08 1.12 -3.00	38.86 0.98 -12.52	34.59 1.29 -1.25	32.13 0.62 -17.04	29.41 0.63 -15.01	28.14 1.18 -2.62	30.57 1.30 -3.12	33.81 1.28 -8.26	35.59 1.24 -10.48	37.68 1.04 -16.69	40.18 1.12 -16.43	44.38 1.41 -12.41	42.99 1.56 -9.41	51.36 -0.73 -67.02	47.87 -0.55 -59.48	57.86 -0.60 -70.08	48.27 0.39 -40.32	40.11 -0.17 -43.59	33.20 -0.21 -37.54	35.81 -0.45 -45.98
RAVENSWOOD_GT3_4 24251	39.63 1.64 -0.69	36.27 1.44 -1.82	36.24 1.44 -1.32	32.38 1.18 -1.62	32.08 1.12 -3.00	38.86 0.98 -12.52	34.59 1.29 -1.25	32.13 0.62 -17.04	29.41 0.63 -15.01	28.14 1.18 -2.62	30.57 1.30 -3.12	33.81 1.28 -8.26	35.59 1.24 -10.48	37.68 1.04 -16.69	40.18 1.12 -16.43	44.38 1.41 -12.41	42.99 1.56 -9.41	51.36 -0.73 -67.02	47.87 -0.55 -59.48	57.86 -0.60 -70.08	48.27 0.39 -40.32	40.11 -0.17 -43.59	33.20 -0.21 -37.54	35.81 -0.45 -45.98

RAVENSWOOD_GT_1 23729	39.63 1.64 -0.69	36.29 1.46 -1.82	36.24 1.44 -1.32	32.38 1.18 -1.62	32.08 1.12 -3.00	38.88 0.99 -12.52	34.60 1.29 -1.25	32.12 0.62 -17.04	29.42 0.63 -15.01	28.14 1.17 -2.62	30.58 1.31 -3.12	33.82 1.28 -8.26	35.59 1.25 -10.48	37.69 1.04 -16.69	40.19 1.12 -16.43	44.40 1.43 -12.41	43.01 1.58 -9.41	51.36 -0.74 -67.02	47.86 -0.56 -59.48	57.85 -0.61 -70.08	48.28 0.39 -40.32	40.11 -0.17 -43.59	33.20 -0.21 -37.54	35.81 -0.45 -45.98
RAVENSWOOD_GT_10 24258	39.57 1.58 -0.69	36.23 1.40 -1.82	36.19 1.40 -1.32	32.33 1.13 -1.62	32.03 1.07 -3.00	38.84 0.95 -12.52	34.56 1.25 -1.25	32.11 0.60 -17.04	29.40 0.61 -15.01	28.10 1.14 -2.62	30.54 1.27 -3.12	33.78 1.24 -8.26	35.55 1.21 -10.48	37.65 1.01 -16.69	40.14 1.08 -16.43	44.34 1.37 -12.41	42.93 1.50 -9.41	51.38 -0.71 -67.02	47.89 -0.53 -59.48	57.87 -0.59 -70.08	48.26 0.37 -40.32	40.12 -0.17 -43.59	33.21 -0.21 -37.54	35.82 -0.44 -45.98
RAVENSWOOD_GT_11 24259	39.57 1.58 -0.69	36.23 1.40 -1.82	36.19 1.40 -1.32	32.33 1.13 -1.62	32.03 1.07 -3.00	38.84 0.95 -12.52	34.56 1.25 -1.25	32.11 0.60 -17.04	29.40 0.61 -15.01	28.10 1.14 -2.62	30.54 1.27 -3.12	33.78 1.24 -8.26	35.55 1.21 -10.48	37.65 1.01 -16.69	40.14 1.08 -16.43	44.34 1.37 -12.41	42.93 1.50 -9.41	51.38 -0.71 -67.02	47.89 -0.53 -59.48	57.87 -0.59 -70.08	48.26 0.37 -40.32	40.12 -0.17 -43.59	33.21 -0.21 -37.54	35.82 -0.44 -45.98
RAVENSWOOD_GT_4 24252	39.58 1.60 -0.69	36.23 1.40 -1.82	36.20 1.41 -1.32	32.35 1.14 -1.62	32.05 1.09 -3.00	38.84 0.95 -12.52	34.56 1.25 -1.25	32.11 0.61 -17.04	29.40 0.61 -15.01	28.11 1.14 -2.62	30.54 1.27 -3.12	33.78 1.25 -8.26	35.55 1.21 -10.48	37.65 1.01 -16.69	40.15 1.09 -16.43	44.34 1.37 -12.41	42.93 1.50 -9.41	51.38 -0.71 -67.02	47.88 -0.54 -59.48	57.87 -0.59 -70.08	48.26 0.38 -40.32	40.12 -0.17 -43.59	33.21 -0.21 -37.54	35.82 -0.44 -45.98
RAVENSWOOD_GT_5 24254	39.58 1.60 -0.69	36.23 1.40 -1.82	36.20 1.41 -1.32	32.35 1.14 -1.62	32.05 1.09 -3.00	38.84 0.95 -12.52	34.56 1.25 -1.25	32.11 0.61 -17.04	29.40 0.61 -15.01	28.11 1.14 -2.62	30.54 1.27 -3.12	33.78 1.25 -8.26	35.55 1.21 -10.48	37.65 1.01 -16.69	40.15 1.09 -16.43	44.34 1.37 -12.41	42.93 1.50 -9.41	51.38 -0.71 -67.02	47.88 -0.54 -59.48	57.87 -0.59 -70.08	48.26 0.38 -40.32	40.12 -0.17 -43.59	33.21 -0.21 -37.54	35.82 -0.44 -45.98
RAVENSWOOD_GT_6 24253	39.58 1.60 -0.69	36.23 1.40 -1.82	36.20 1.41 -1.32	32.35 1.14 -1.62	32.05 1.09 -3.00	38.84 0.95 -12.52	34.56 1.25 -1.25	32.11 0.61 -17.04	29.40 0.61 -15.01	28.11 1.14 -2.62	30.54 1.27 -3.12	33.78 1.25 -8.26	35.55 1.21 -10.48	37.65 1.01 -16.69	40.15 1.09 -16.43	44.34 1.37 -12.41	42.93 1.50 -9.41	51.38 -0.71 -67.02	47.88 -0.54 -59.48	57.87 -0.59 -70.08	48.26 0.38 -40.32	40.12 -0.17 -43.59	33.21 -0.21 -37.54	35.82 -0.44 -45.98
RAVENSWOOD_GT_7 24255	39.58 1.60 -0.69	36.23 1.40 -1.82	36.20 1.41 -1.32	32.35 1.14 -1.62	32.05 1.09 -3.00	38.84 0.95 -12.52	34.56 1.25 -1.25	32.11 0.61 -17.04	29.40 0.61 -15.01	28.11 1.14 -2.62	30.54 1.27 -3.12	33.78 1.25 -8.26	35.55 1.21 -10.48	37.65 1.01 -16.69	40.15 1.09 -16.43	44.34 1.37 -12.41	42.93 1.50 -9.41	51.38 -0.71 -67.02	47.88 -0.54 -59.48	57.87 -0.59 -70.08	48.26 0.38 -40.32	40.12 -0.17 -43.59	33.21 -0.21 -37.54	35.82 -0.44 -45.98
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	39.57 1.58 -0.69	36.23 1.40 -1.82	36.19 1.40 -1.32	32.33 1.13 -1.62	32.03 1.07 -3.00	38.84 0.95 -12.52	34.56 1.25 -1.25	32.11 0.60 -17.04	29.40 0.61 -15.01	28.10 1.14 -2.62	30.54 1.27 -3.12	33.78 1.24 -8.26	35.55 1.21 -10.48	37.65 1.01 -16.69	40.14 1.08 -16.43	44.34 1.37 -12.41	42.93 1.50 -9.41	51.38 -0.71 -67.02	47.89 -0.53 -59.48	57.87 -0.59 -70.08	48.26 0.37 -40.32	40.12 -0.17 -43.59	33.21 -0.21 -37.54	35.82 -0.44 -45.98
RAVENSWOOD_GT_9 24257	39.57 1.58 -0.69	36.23 1.40 -1.82	36.19 1.40 -1.32	32.33 1.13 -1.62	32.03 1.07 -3.00	38.84 0.95 -12.52	34.56 1.25 -1.25	32.11 0.60 -17.04	29.40 0.61 -15.01	28.10 1.14 -2.62	30.54 1.27 -3.12	33.78 1.24 -8.26	35.55 1.21 -10.48	37.65 1.01 -16.69	40.14 1.08 -16.43	44.34 1.37 -12.41	42.93 1.50 -9.41	51.38 -0.71 -67.02	47.89 -0.53 -59.48	57.87 -0.59 -70.08	48.26 0.37 -40.32	40.12 -0.17 -43.59	33.21 -0.21 -37.54	35.82 -0.44 -45.98
RAVENSWOOD___1 23533	39.55 1.57 -0.69	36.22 1.39 -1.82	36.17 1.38 -1.32	32.32 1.12 -1.62	32.03 1.07 -3.00	38.83 0.94 -12.52	34.55 1.24 -1.25	32.10 0.60 -17.04	29.39 0.61 -15.01	28.09 1.13 -2.62	30.53 1.26 -3.12	33.77 1.23 -8.26	35.54 1.20 -10.48	37.65 1.00 -16.69	40.14 1.08 -16.43	44.33 1.37 -12.41	42.95 1.52 -9.41	51.38 -0.71 -67.02	47.88 -0.54 -59.48	57.87 -0.59 -70.08	48.27 0.38 -40.32	40.12 -0.17 -43.59	33.21 -0.21 -37.54	35.83 -0.43 -45.98
RAVENSWOOD___2 23534	39.55 1.57 -0.69	36.22 1.39 -1.82	36.17 1.38 -1.32	32.32 1.12 -1.62	32.03 1.07 -3.00	38.83 0.94 -12.52	34.55 1.24 -1.25	32.10 0.60 -17.04	29.39 0.61 -15.01	28.09 1.13 -2.62	30.53 1.26 -3.12	33.77 1.23 -8.26	35.54 1.20 -10.48	37.65 1.00 -16.69	40.14 1.08 -16.43	44.33 1.37 -12.41	42.95 1.52 -9.41	51.38 -0.71 -67.02	47.88 -0.54 -59.48	57.87 -0.59 -70.08	48.27 0.38 -40.32	40.12 -0.17 -43.59	33.21 -0.21 -37.54	35.83 -0.43 -45.98
RAVENSWOOD___3 23535	39.57 1.59 -0.69	36.22 1.39 -1.82	36.19 1.39 -1.32	32.34 1.14 -1.62	32.03 1.07 -3.00	38.84 0.95 -12.52	34.56 1.25 -1.25	32.11 0.61 -17.04	29.40 0.61 -15.01	28.10 1.14 -2.62	30.54 1.27 -3.12	33.78 1.24 -8.26	35.55 1.21 -10.48	37.65 1.01 -16.69	40.14 1.09 -16.43	44.33 1.37 -12.41	42.94 1.50 -9.41	51.38 -0.71 -67.02	47.89 -0.54 -59.48	57.88 -0.59 -70.08	48.26 0.38 -40.32	40.12 -0.17 -43.59	33.21 -0.21 -37.54	35.82 -0.44 -45.98
RAVENSWOOD___4 23820	39.55 1.57 -0.69	36.22 1.39 -1.82	36.17 1.38 -1.32	32.32 1.12 -1.62	32.03 1.07 -3.00	38.83 0.94 -12.52	34.55 1.24 -1.25	32.10 0.60 -17.04	29.39 0.61 -15.01	28.09 1.13 -2.62	30.53 1.26 -3.12	33.77 1.23 -8.26	35.54 1.20 -10.48	37.65 1.00 -16.69	40.14 1.08 -16.43	44.33 1.37 -12.41	42.95 1.52 -9.41	51.38 -0.71 -67.02	47.88 -0.54 -59.48	57.87 -0.59 -70.08	48.27 0.38 -40.32	40.12 -0.17 -43.59	33.21 -0.21 -37.54	35.83 -0.43 -45.98
RCPI_TRUST___DRP 24196	39.59 1.60 -0.69	36.23 1.40 -1.82	36.20 1.41 -1.32	32.35 1.15 -1.62	32.06 1.10 -3.00	38.84 0.96 -12.52	34.57 1.26 -1.24	32.11 0.61 -17.03	29.40 0.62 -15.00	28.12 1.15 -2.61	30.55 1.28 -3.12	33.80 1.26 -8.26	35.57 1.23 -10.48	37.66 1.02 -16.69	40.16 1.10 -16.43	44.35 1.38 -12.41	42.96 1.53 -9.41	51.36 -0.72 -67.01	47.87 -0.54 -59.48	57.86 -0.59 -70.07	48.26 0.38 -40.31	40.11 -0.17 -43.58	33.20 -0.21 -37.54	35.82 -0.44 -45.97
RED___ROCHESTER 323720	37.42 -0.03 -0.16	33.37 -0.07 -0.42	33.72 -0.06 -0.31	29.83 -0.12 -0.37	28.56 -0.09 -0.69	28.16 -0.11 -2.90	32.26 -0.08 -0.29	18.27 -0.14 -3.95	17.12 -0.13 -3.48	24.67 -0.28 -0.61	26.56 -0.32 -0.72	25.95 -0.24 -1.91	26.01 -0.29 -2.43	23.61 -0.21 -3.87	26.19 -0.25 -3.81	33.16 -0.27 -2.88	34.08 -0.12 -2.18	0.51 -0.09 -15.52	2.54 -0.18 -13.78	4.42 -0.20 -16.23	17.03 0.12 -9.34	6.75 -0.04 -10.10	4.52 -0.05 -8.70	0.78 -0.15 -10.65

REGAN___SOLAR 323812	40.97 2.69 -0.99	37.90 2.27 -2.62	37.72 2.34 -1.90	33.93 2.02 -2.33	34.25 1.97 -4.32	45.24 1.85 -18.02	36.16 2.30 -1.79	40.05 1.05 -24.54	36.18 0.79 -21.61	29.03 0.91 -3.77	31.46 0.81 -4.49	37.23 1.06 -11.90	40.20 1.24 -15.09	45.25 1.26 -24.03	47.95 1.65 -23.66	50.38 1.95 -17.87	48.21 2.63 -13.56	80.41 -1.18 -96.52	73.76 -0.85 -85.67	88.39 -0.92 -100.92	66.20 0.57 -58.06	59.24 -0.24 -62.77	49.66 -0.29 -54.07	55.88 -0.62 -66.22
RENSSELAER___COGEN 23796	38.81 0.69 -0.83	35.83 0.62 -2.19	35.69 0.62 -1.59	32.15 0.61 -1.95	32.14 0.57 -3.62	40.92 0.47 -15.07	34.18 0.62 -1.50	35.24 0.25 -20.52	32.11 0.25 -18.08	28.03 0.53 -3.15	30.48 0.57 -3.75	34.65 0.42 -9.96	36.91 0.43 -12.62	40.42 0.36 -20.10	42.85 0.43 -19.79	45.99 0.48 -14.95	43.84 0.48 -11.34	65.58 -0.22 -80.72	60.43 -0.16 -71.65	72.63 -0.16 -84.41	56.24 0.11 -48.56	49.16 -0.04 -52.50	41.04 -0.06 -45.22	45.55 -0.11 -55.38
REPUBLIC_115KV_BARTNBRK 55605	41.32 3.17 -0.86	37.95 2.68 -2.26	37.86 2.75 -1.64	34.06 2.47 -2.01	34.25 2.56 -3.73	43.30 2.39 -15.54	36.65 3.04 -1.55	37.02 1.39 -21.15	33.67 1.26 -18.63	29.79 2.19 -3.25	32.44 2.41 -3.87	37.07 2.53 -10.26	39.29 2.41 -13.01	42.57 1.89 -20.72	45.05 2.02 -20.40	48.42 2.45 -15.41	46.34 2.63 -11.69	67.02 -1.26 -83.22	61.92 -0.89 -73.86	74.51 -0.89 -87.02	58.16 0.53 -50.06	50.62 -0.20 -54.13	42.25 -0.24 -46.62	46.64 -0.74 -57.09
REVERE_CPPR_DRP 24186	38.49 1.12 -0.07	34.14 0.93 -0.19	34.62 1.01 -0.14	30.62 0.87 -0.17	29.13 0.85 -0.32	27.48 0.79 -1.32	33.19 1.00 -0.13	16.73 0.46 -1.80	15.77 0.41 -1.58	25.24 0.62 -0.28	27.13 0.65 -0.33	25.61 0.46 -0.87	25.53 0.56 -1.11	22.24 0.53 -1.76	24.94 0.58 -1.74	32.63 0.76 -1.31	33.91 0.90 -0.99	-8.26 -0.41 -7.08	-5.05 -0.27 -6.28	-4.48 -0.27 -7.40	11.96 0.14 -4.26	1.23 -0.07 -4.60	-0.23 -0.07 -3.97	-5.02 -0.16 -4.86
REYNOLDS_115KV_TB3 80639	39.12 0.99 -0.83	36.10 0.90 -2.19	35.96 0.90 -1.59	32.36 0.82 -1.95	32.37 0.79 -3.62	41.14 0.67 -15.10	34.44 0.87 -1.50	35.38 0.37 -20.55	32.23 0.35 -18.10	28.18 0.67 -3.15	30.65 0.74 -3.76	34.87 0.62 -9.97	37.12 0.62 -12.64	40.60 0.52 -20.13	43.05 0.60 -19.82	46.24 0.71 -14.97	44.08 0.70 -11.36	65.58 -0.33 -80.84	60.44 -0.24 -71.75	72.67 -0.25 -84.53	56.36 0.16 -48.63	49.21 -0.07 -52.57	41.07 -0.09 -45.28	45.56 -0.19 -55.46
RIVERBAY___ 323610	39.51 1.52 -0.69	36.39 1.56 -1.82	36.31 1.52 -1.32	32.49 1.29 -1.62	32.19 1.23 -3.00	39.00 1.12 -12.52	34.76 1.45 -1.25	32.21 0.71 -17.04	29.43 0.65 -15.01	28.16 1.20 -2.62	30.61 1.34 -3.12	33.82 1.28 -8.26	35.59 1.25 -10.48	37.70 1.05 -16.69	40.20 1.14 -16.43	44.43 1.47 -12.41	43.04 1.61 -9.41	51.36 -0.73 -67.02	47.88 -0.54 -59.48	57.87 -0.59 -70.08	48.24 0.35 -40.32	40.12 -0.16 -43.59	33.22 -0.20 -37.54	35.84 -0.43 -45.98
RIVERSDE_115KV_TB3 55908	38.97 0.84 -0.83	35.98 0.77 -2.20	35.84 0.77 -1.60	32.27 0.73 -1.96	32.27 0.68 -3.63	41.08 0.58 -15.13	34.32 0.75 -1.51	35.38 0.32 -20.60	32.24 0.32 -18.14	28.13 0.62 -3.16	30.60 0.67 -3.77	34.80 0.54 -9.99	37.07 0.54 -12.67	40.59 0.45 -20.18	43.03 0.54 -19.87	46.19 0.63 -15.00	44.02 0.63 -11.38	65.81 -0.29 -81.02	60.64 -0.21 -71.92	72.89 -0.22 -84.72	56.46 0.14 -48.74	49.34 -0.06 -52.70	41.19 -0.07 -45.39	45.72 -0.15 -55.59
ROARING___BROOK_WT_PWR 323790	36.74 -0.57 -0.02	32.63 -0.43 -0.05	33.09 -0.42 -0.03	29.42 -0.20 -0.04	27.81 -0.23 -0.08	25.50 -0.20 -0.32	31.84 -0.26 -0.03	14.76 -0.14 -0.44	14.02 -0.15 -0.39	24.17 -0.25 -0.07	25.92 -0.31 -0.08	24.07 -0.42 -0.21	23.90 -0.23 -0.27	20.16 -0.23 -0.43	22.91 -0.14 -0.42	30.56 -0.32 -0.32	31.49 -0.77 -0.24	-12.62 0.58 -1.73	-8.91 0.61 -1.54	-9.11 0.70 -1.81	8.17 -0.44 -1.04	-1.99 0.19 -1.13	-2.94 0.21 -0.97	-8.08 0.45 -1.19
ROCHESRG_115KV_T4 355643	37.08 -0.37 -0.16	33.07 -0.36 -0.42	33.43 -0.35 -0.31	29.57 -0.38 -0.37	28.32 -0.33 -0.69	27.93 -0.33 -2.89	31.98 -0.37 -0.29	18.13 -0.27 -3.93	16.98 -0.26 -3.46	24.46 -0.49 -0.60	26.32 -0.56 -0.72	25.71 -0.47 -1.91	25.75 -0.53 -2.42	23.40 -0.41 -3.85	25.93 -0.49 -3.79	32.82 -0.60 -2.87	33.70 -0.50 -2.18	0.64 0.10 -15.47	2.63 -0.04 -13.73	4.51 -0.05 -16.18	16.91 0.04 -9.30	6.75 -0.01 -10.06	4.53 -0.01 -8.67	0.84 -0.06 -10.61
ROCHESTER_9_IC 23652	37.28 -0.18 -0.16	33.24 -0.19 -0.42	33.60 -0.18 -0.31	29.73 -0.23 -0.37	28.46 -0.19 -0.69	28.06 -0.21 -2.90	32.15 -0.20 -0.29	18.22 -0.19 -3.95	17.07 -0.19 -3.48	24.58 -0.38 -0.61	26.45 -0.43 -0.72	25.84 -0.35 -1.91	25.89 -0.40 -2.43	23.51 -0.30 -3.87	26.07 -0.36 -3.81	33.01 -0.42 -2.88	33.91 -0.29 -2.18	0.59 0.00 -15.52	2.60 -0.12 -13.78	4.48 -0.13 -16.23	17.00 0.09 -9.34	6.77 -0.03 -10.09	4.54 -0.03 -8.70	0.82 -0.11 -10.65
ROCKVIEW_13_KV_LD 356306	39.70 1.72 -0.69	36.34 1.51 -1.82	36.30 1.50 -1.32	32.44 1.24 -1.62	32.13 1.17 -3.00	38.93 1.04 -12.52	34.66 1.35 -1.25	32.15 0.64 -17.03	29.44 0.65 -15.00	28.17 1.20 -2.62	30.62 1.34 -3.12	33.84 1.31 -8.26	35.61 1.27 -10.48	37.70 1.06 -16.69	40.21 1.15 -16.43	44.44 1.47 -12.41	43.05 1.62 -9.41	51.32 -0.77 -67.02	47.84 -0.58 -59.48	57.83 -0.63 -70.08	48.29 0.41 -40.32	40.11 -0.18 -43.59	33.19 -0.22 -37.54	35.79 -0.47 -45.98
ROME___115KV_TB2 80656	38.49 1.12 -0.07	34.14 0.93 -0.19	34.62 1.01 -0.14	30.62 0.87 -0.17	29.13 0.85 -0.32	27.48 0.79 -1.32	33.19 1.00 -0.13	16.73 0.46 -1.80	15.77 0.41 -1.58	25.24 0.62 -0.28	27.13 0.65 -0.33	25.61 0.46 -0.87	25.53 0.56 -1.11	22.24 0.53 -1.76	24.94 0.58 -1.74	32.63 0.76 -1.31	33.91 0.90 -0.99	-8.26 -0.41 -7.08	-5.05 -0.27 -6.28	-4.48 -0.27 -7.40	11.96 0.14 -4.26	1.23 -0.07 -4.60	-0.23 -0.07 -3.97	-5.02 -0.16 -4.86
ROSETON___1 23587	39.33 1.35 -0.68	36.01 1.20 -1.80	35.98 1.20 -1.31	32.17 0.99 -1.60	31.88 0.94 -2.97	38.61 0.84 -12.40	34.38 1.09 -1.23	31.85 0.50 -16.88	29.15 0.51 -14.86	27.89 0.95 -2.59	30.31 1.07 -3.09	33.50 1.04 -8.19	35.24 1.00 -10.38	37.32 0.83 -16.53	39.81 0.90 -16.28	44.00 1.15 -12.29	42.58 1.24 -9.33	50.87 -0.59 -66.39	47.42 -0.45 -58.93	57.32 -0.49 -69.42	47.83 0.32 -39.94	39.74 -0.14 -43.18	32.89 -0.18 -37.19	35.46 -0.38 -45.55
ROSETON___2 23588	39.33 1.35 -0.68	36.01 1.20 -1.80	35.98 1.20 -1.31	32.17 0.99 -1.60	31.88 0.94 -2.97	38.61 0.84 -12.40	34.38 1.09 -1.23	31.85 0.50 -16.88	29.15 0.51 -14.86	27.89 0.95 -2.59	30.31 1.07 -3.09	33.50 1.04 -8.19	35.24 1.00 -10.38	37.32 0.83 -16.53	39.81 0.90 -16.28	44.00 1.15 -12.29	42.58 1.24 -9.33	50.87 -0.59 -66.39	47.42 -0.45 -58.93	57.32 -0.49 -69.42	47.83 0.32 -39.94	39.74 -0.14 -43.18	32.89 -0.18 -37.19	35.46 -0.38 -45.55
ROTTDRAM_115KV_TB3 80664	39.52 1.36 -0.87	36.49 1.19 -2.28	36.36 1.23 -1.66	32.71 1.09 -2.03	32.76 1.03 -3.77	42.02 0.94 -15.71	34.81 1.18 -1.56	36.39 0.53 -21.39	33.12 0.50 -18.84	28.50 0.87 -3.29	31.00 0.93 -3.91	35.54 0.89 -10.38	37.90 0.88 -13.15	41.63 0.72 -20.95	44.07 0.81 -20.63	47.15 1.01 -15.58	44.89 1.05 -11.82	68.72 -0.50 -84.14	63.26 -0.36 -74.69	75.99 -0.39 -87.99	58.43 0.24 -50.62	51.32 -0.10 -54.73	42.88 -0.13 -47.14	47.69 -0.33 -57.73

RUSSELL___1 23602	37.43 -0.02 -0.16	33.37 -0.06 -0.42	33.73 -0.05 -0.31	29.83 -0.12 -0.37	28.56 -0.09 -0.69	28.16 -0.11 -2.90	32.27 -0.08 -0.29	18.27 -0.14 -3.95	17.12 -0.13 -3.48	24.67 -0.28 -0.61	26.56 -0.32 -0.72	25.94 -0.24 -1.91	26.00 -0.29 -2.43	23.61 -0.21 -3.87	26.19 -0.25 -3.81	33.17 -0.27 -2.88	34.09 -0.11 -2.18	0.51 -0.09 -15.52	2.54 -0.18 -13.78	4.42 -0.20 -16.23	17.04 0.13 -9.34	6.75 -0.04 -10.10	4.52 -0.05 -8.70	0.78 -0.15 -10.65
RUSSELL___2 23532	37.43 -0.02 -0.16	33.37 -0.06 -0.42	33.73 -0.05 -0.31	29.83 -0.12 -0.37	28.56 -0.09 -0.69	28.16 -0.11 -2.90	32.27 -0.08 -0.29	18.27 -0.14 -3.95	17.12 -0.13 -3.48	24.67 -0.28 -0.61	26.56 -0.32 -0.72	25.94 -0.24 -1.91	26.00 -0.29 -2.43	23.61 -0.21 -3.87	26.19 -0.25 -3.81	33.17 -0.27 -2.88	34.09 -0.11 -2.18	0.51 -0.09 -15.52	2.54 -0.18 -13.78	4.42 -0.20 -16.23	17.04 0.13 -9.34	6.75 -0.04 -10.10	4.52 -0.05 -8.70	0.78 -0.15 -10.65
RUSSELL___3 23549	37.43 -0.02 -0.16	33.37 -0.06 -0.42	33.73 -0.05 -0.31	29.83 -0.12 -0.37	28.56 -0.09 -0.69	28.16 -0.11 -2.90	32.27 -0.08 -0.29	18.27 -0.14 -3.95	17.12 -0.13 -3.48	24.67 -0.28 -0.61	26.56 -0.32 -0.72	25.94 -0.24 -1.91	26.00 -0.29 -2.43	23.61 -0.21 -3.87	26.19 -0.25 -3.81	33.17 -0.27 -2.88	34.09 -0.11 -2.18	0.51 -0.09 -15.52	2.54 -0.18 -13.78	4.42 -0.20 -16.23	17.04 0.13 -9.34	6.75 -0.04 -10.10	4.52 -0.05 -8.70	0.78 -0.15 -10.65
RUSSELL___4 23556	37.43 -0.02 -0.16	33.37 -0.06 -0.42	33.73 -0.05 -0.31	29.83 -0.12 -0.37	28.56 -0.09 -0.69	28.16 -0.11 -2.90	32.27 -0.08 -0.29	18.27 -0.14 -3.95	17.12 -0.13 -3.48	24.67 -0.28 -0.61	26.56 -0.32 -0.72	25.94 -0.24 -1.91	26.00 -0.29 -2.43	23.61 -0.21 -3.87	26.19 -0.25 -3.81	33.17 -0.27 -2.88	34.09 -0.11 -2.18	0.51 -0.09 -15.52	2.54 -0.18 -13.78	4.42 -0.20 -16.23	17.04 0.13 -9.34	6.75 -0.04 -10.10	4.52 -0.05 -8.70	0.78 -0.15 -10.65
RUSSELL___STATION 23914	37.43 -0.02 -0.16	33.37 -0.06 -0.42	33.73 -0.05 -0.31	29.83 -0.12 -0.37	28.56 -0.09 -0.69	28.16 -0.11 -2.90	32.27 -0.08 -0.29	18.27 -0.14 -3.95	17.12 -0.13 -3.48	24.67 -0.28 -0.61	26.56 -0.32 -0.72	25.94 -0.24 -1.91	26.00 -0.29 -2.43	23.61 -0.21 -3.87	26.19 -0.25 -3.81	33.17 -0.27 -2.88	34.09 -0.11 -2.18	0.51 -0.09 -15.52	2.54 -0.18 -13.78	4.42 -0.20 -16.23	17.04 0.13 -9.34	6.75 -0.04 -10.10	4.52 -0.05 -8.70	0.78 -0.15 -10.65
S SALMON___HYD 24043	36.94 -0.47 -0.11	32.80 -0.51 -0.29	33.28 -0.41 -0.21	29.50 -0.35 -0.26	28.14 -0.31 -0.49	27.14 -0.26 -2.03	31.92 -0.34 -0.20	17.06 -0.16 -2.76	16.04 -0.18 -2.43	24.38 -0.39 -0.42	26.15 -0.51 -0.51	25.09 -0.53 -1.34	25.07 -0.49 -1.70	22.29 -0.37 -2.71	24.87 -0.42 -2.66	31.93 -0.64 -2.01	32.94 -0.60 -1.53	-3.77 0.28 -10.87	-1.19 0.22 -9.65	-0.01 0.24 -11.37	13.95 -0.15 -6.54	3.82 0.04 -7.07	2.05 0.08 -6.09	-2.05 0.21 -7.46
S.PERRY___115KV_TB1 80734	38.10 0.61 -0.19	34.02 0.50 -0.51	34.30 0.46 -0.37	30.38 0.35 -0.46	29.19 0.38 -0.85	29.25 0.35 -3.53	32.95 0.54 -0.35	19.38 0.12 -4.80	18.04 0.03 -4.23	24.81 -0.27 -0.74	26.71 -0.33 -0.88	26.36 -0.24 -2.33	26.48 -0.34 -2.95	24.40 -0.26 -4.71	26.97 -0.29 -4.63	34.00 -0.04 -3.49	34.87 0.21 -2.64	3.76 -0.21 -18.89	5.43 -0.29 -16.77	7.84 -0.30 -19.76	19.10 0.16 -11.37	8.92 -0.07 -12.29	6.37 -0.09 -10.59	2.99 -0.26 -12.96
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	36.50 -0.98 -0.18	32.64 -0.86 -0.48	32.98 -0.84 -0.35	29.16 -0.85 -0.43	27.98 -0.77 -0.80	27.91 -0.78 -3.32	31.44 -0.95 -0.33	18.33 -0.65 -4.52	17.16 -0.60 -3.98	24.01 -1.03 -0.69	25.83 -1.15 -0.83	25.44 -1.03 -2.19	25.51 -1.14 -2.78	23.48 -0.91 -4.43	25.90 -1.09 -4.36	32.32 -1.49 -3.25	33.03 -1.44 -2.45	3.36 0.50 -17.79	4.93 0.20 -15.79	7.19 0.20 -18.60	18.17 -0.09 -10.70	8.33 0.06 -11.57	5.91 0.07 -9.97	2.55 0.06 -12.21
SAWYER___23_KV_LOAD 55526	36.50 -0.98 -0.18	32.64 -0.86 -0.48	32.98 -0.84 -0.35	29.16 -0.85 -0.43	27.98 -0.77 -0.80	27.91 -0.78 -3.32	31.44 -0.95 -0.33	18.33 -0.65 -4.52	17.16 -0.60 -3.98	24.01 -1.03 -0.69	25.83 -1.15 -0.83	25.44 -1.03 -2.19	25.51 -1.14 -2.78	23.48 -0.91 -4.43	25.90 -1.09 -4.36	32.32 -1.49 -3.25	33.03 -1.44 -2.45	3.36 0.50 -17.79	4.93 0.20 -15.79	7.19 0.20 -18.60	18.17 -0.09 -10.70	8.33 0.06 -11.57	5.91 0.07 -9.97	2.55 0.06 -12.21
SELKIRK___I 23801	38.97 0.84 -0.83	35.96 0.76 -2.18	35.83 0.77 -1.59	32.23 0.71 -1.95	32.23 0.66 -3.61	40.99 0.58 -15.04	34.30 0.74 -1.50	35.25 0.32 -20.47	32.12 0.32 -18.03	28.10 0.60 -3.14	30.55 0.65 -3.74	34.77 0.56 -9.93	37.00 0.55 -12.59	40.46 0.46 -20.05	42.90 0.52 -19.74	46.11 0.65 -14.91	43.96 0.64 -11.31	65.29 -0.30 -80.51	60.18 -0.22 -71.46	72.34 -0.23 -84.19	56.16 0.15 -48.43	48.99 -0.07 -52.37	40.89 -0.09 -45.10	45.34 -0.18 -55.24
SELKIRK___II 23799	38.96 0.83 -0.83	35.95 0.76 -2.18	35.82 0.77 -1.58	32.23 0.71 -1.94	32.22 0.66 -3.60	40.97 0.58 -15.02	34.29 0.74 -1.49	35.23 0.32 -20.45	32.10 0.31 -18.01	28.09 0.60 -3.14	30.54 0.65 -3.74	34.73 0.54 -9.92	36.98 0.53 -12.58	40.44 0.45 -20.03	42.88 0.52 -19.72	46.08 0.62 -14.90	43.94 0.63 -11.30	65.24 -0.29 -80.45	60.13 -0.21 -71.40	72.28 -0.22 -84.12	56.12 0.15 -48.40	48.96 -0.06 -52.32	40.86 -0.08 -45.07	45.31 -0.17 -55.20
SENECA OSWGO___HYD 24041	36.83 -0.59 -0.12	32.79 -0.55 -0.33	33.17 -0.54 -0.24	29.36 -0.51 -0.29	28.03 -0.47 -0.54	27.20 -0.42 -2.25	31.77 -0.51 -0.22	17.29 -0.23 -3.06	16.24 -0.22 -2.69	24.40 -0.42 -0.47	26.27 -0.45 -0.56	25.36 -0.40 -1.48	25.34 -0.40 -1.88	22.62 -0.32 -2.99	25.19 -0.39 -2.95	32.33 -0.45 -2.23	33.31 -0.40 -1.69	-2.76 0.15 -12.02	-0.32 0.08 -10.67	1.03 0.08 -12.57	14.75 -0.05 -7.23	4.54 0.03 -7.81	2.65 0.04 -6.73	-1.39 0.09 -8.24
SENECA___115KV_TB3 355854	36.76 -0.72 -0.19	32.86 -0.64 -0.49	33.20 -0.63 -0.36	29.35 -0.67 -0.44	28.17 -0.60 -0.81	28.16 -0.61 -3.39	31.68 -0.72 -0.34	18.55 -0.54 -4.62	17.34 -0.51 -4.07	24.20 -0.85 -0.71	26.04 -0.96 -0.85	25.65 -0.87 -2.24	25.72 -0.99 -2.84	23.71 -0.77 -4.53	26.15 -0.93 -4.46	32.62 -1.26 -3.32	33.33 -1.20 -2.51	3.66 0.41 -18.18	5.23 0.15 -16.14	7.55 0.15 -19.01	18.43 -0.07 -10.94	8.57 0.05 -11.82	6.12 0.06 -10.18	2.78 0.02 -12.47
SENECA___ENERGY 23797	37.21 -0.25 -0.16	33.25 -0.19 -0.42	33.53 -0.25 -0.31	29.67 -0.28 -0.38	28.45 -0.21 -0.70	28.10 -0.19 -2.92	32.18 -0.18 -0.29	18.32 -0.12 -3.98	17.15 -0.13 -3.50	24.70 -0.26 -0.61	26.52 -0.36 -0.73	25.87 -0.33 -1.93	25.90 -0.42 -2.45	23.50 -0.35 -3.90	26.09 -0.37 -3.84	33.15 -0.31 -2.90	34.02 -0.19 -2.20	0.76 0.03 -15.65	2.80 -0.04 -13.89	4.70 -0.05 -16.37	17.01 0.02 -9.42	6.88 0.00 -10.18	4.65 0.00 -8.77	1.00 -0.02 -10.74
SHOEMAKER___GT 23640	39.12 1.18 -0.64	35.72 1.03 -1.68	35.73 1.03 -1.22	31.93 0.86 -1.50	31.54 0.81 -2.77	37.66 0.73 -11.56	34.15 0.93 -1.15	30.64 0.44 -15.74	28.08 0.44 -13.86	27.56 0.80 -2.42	29.90 0.87 -2.88	32.78 0.87 -7.63	34.38 0.84 -9.68	36.08 0.71 -15.42	38.59 0.78 -15.18	43.04 1.01 -11.46	41.84 1.13 -8.70	46.44 -0.54 -61.90	43.47 -0.41 -54.95	52.67 -0.45 -64.73	45.11 0.30 -37.24	36.84 -0.12 -40.26	30.40 -0.16 -34.68	32.41 -0.34 -42.47

SHOEMAKR_138KV_BK 111 55601	39.08 1.16 -0.63	35.69 1.01 -1.67	35.70 1.01 -1.21	31.90 0.83 -1.49	31.50 0.79 -2.76	37.57 0.71 -11.49	34.12 0.91 -1.14	30.54 0.43 -15.65	27.99 0.43 -13.78	27.54 0.79 -2.40	29.88 0.87 -2.86	32.73 0.87 -7.59	34.32 0.83 -9.62	35.98 0.70 -15.33	38.48 0.76 -15.09	42.96 1.00 -11.40	41.76 1.10 -8.65	46.09 -0.53 -61.54	43.16 -0.40 -54.63	52.30 -0.44 -64.35	44.87 0.28 -37.03	36.60 -0.12 -40.03	30.20 -0.16 -34.48	32.17 -0.34 -42.22
SHOREHAM_IC_1 23715	72.06 3.49 -31.27	53.26 3.01 -17.24	53.31 3.02 -16.82	33.74 2.54 -1.62	33.28 2.32 -3.00	64.90 2.21 -37.32	53.09 2.89 -18.13	71.55 1.34 -55.75	37.55 1.29 -22.48	34.00 2.32 -7.34	33.67 2.49 -5.02	38.72 2.39 -12.06	37.71 2.22 -11.63	38.59 1.86 -16.77	41.93 2.08 -17.22	45.78 2.81 -12.41	63.40 3.15 -28.23	50.64 -1.46 -67.03	47.31 -1.13 -59.50	57.29 -1.19 -70.09	48.68 0.79 -40.33	39.98 -0.31 -43.60	33.03 -0.39 -37.55	35.46 -0.81 -45.99
SHOREHAM_IC_2 23716	72.06 3.49 -31.27	53.26 3.01 -17.24	53.31 3.02 -16.82	33.74 2.54 -1.62	33.28 2.32 -3.00	64.90 2.21 -37.32	53.09 2.89 -18.13	71.55 1.34 -55.75	37.55 1.29 -22.48	34.00 2.32 -7.34	33.67 2.49 -5.02	38.72 2.39 -12.06	37.71 2.22 -11.63	38.59 1.86 -16.77	41.93 2.08 -17.22	45.78 2.81 -12.41	63.40 3.15 -28.23	50.64 -1.46 -67.03	47.31 -1.13 -59.50	57.29 -1.19 -70.09	48.68 0.79 -40.33	39.98 -0.31 -43.60	33.03 -0.39 -37.55	35.46 -0.81 -45.99
SISSONVILLE____ 23735	37.12 -0.21 -0.04	33.13 0.02 -0.10	33.61 0.07 -0.07	29.81 0.14 -0.09	28.33 0.20 -0.17	26.29 0.22 -0.69	32.24 0.11 -0.07	15.49 0.08 -0.94	14.73 0.12 -0.83	24.58 0.09 -0.14	26.31 -0.02 -0.17	24.36 -0.37 -0.46	24.60 0.16 -0.58	20.91 0.03 -0.93	23.85 0.31 -0.91	31.67 0.43 -0.69	32.40 -0.13 -0.52	-10.76 0.45 -3.72	-6.92 0.84 -3.30	-6.73 1.00 -3.89	9.07 -0.73 -2.24	-0.63 0.26 -2.42	-1.77 0.28 -2.08	-6.53 0.64 -2.55
SITHE_IND_GS1 24169	36.42 -0.99 -0.11	32.42 -0.88 -0.29	32.79 -0.90 -0.21	29.02 -0.81 -0.25	27.68 -0.75 -0.47	26.66 -0.67 -1.97	31.41 -0.85 -0.19	16.76 -0.38 -2.68	15.77 -0.37 -2.36	24.09 -0.66 -0.41	25.92 -0.72 -0.49	24.91 -0.66 -1.30	24.85 -0.66 -1.65	22.03 -0.55 -2.62	24.58 -0.63 -2.58	31.74 -0.76 -1.95	32.74 -0.75 -1.48	-4.08 0.32 -10.52	-1.50 0.22 -9.34	-0.38 0.23 -11.00	13.75 -0.15 -6.33	3.61 0.07 -6.84	1.85 0.09 -5.89	-2.30 0.20 -7.22
SITHE_IND_GS2 24170	36.42 -0.99 -0.11	32.42 -0.88 -0.29	32.79 -0.90 -0.21	29.02 -0.81 -0.25	27.68 -0.75 -0.47	26.66 -0.67 -1.97	31.41 -0.85 -0.19	16.76 -0.38 -2.68	15.77 -0.37 -2.36	24.09 -0.66 -0.41	25.92 -0.72 -0.49	24.91 -0.66 -1.30	24.85 -0.66 -1.65	22.03 -0.55 -2.62	24.58 -0.63 -2.58	31.74 -0.76 -1.95	32.74 -0.75 -1.48	-4.08 0.32 -10.52	-1.50 0.22 -9.34	-0.38 0.23 -11.00	13.75 -0.15 -6.33	3.61 0.07 -6.84	1.85 0.09 -5.89	-2.30 0.20 -7.22
SITHE_IND_GS3 24171	36.42 -0.99 -0.11	32.42 -0.88 -0.29	32.79 -0.90 -0.21	29.02 -0.81 -0.25	27.68 -0.75 -0.47	26.66 -0.67 -1.97	31.41 -0.85 -0.19	16.76 -0.38 -2.68	15.77 -0.37 -2.36	24.09 -0.66 -0.41	25.92 -0.72 -0.49	24.91 -0.66 -1.30	24.85 -0.66 -1.65	22.03 -0.55 -2.62	24.58 -0.63 -2.58	31.74 -0.76 -1.95	32.74 -0.75 -1.48	-4.08 0.32 -10.52	-1.50 0.22 -9.34	-0.38 0.23 -11.00	13.75 -0.15 -6.33	3.61 0.07 -6.84	1.85 0.09 -5.89	-2.30 0.20 -7.22
SITHE_IND_GS4 24172	36.42 -0.99 -0.11	32.42 -0.88 -0.29	32.79 -0.90 -0.21	29.02 -0.81 -0.25	27.68 -0.75 -0.47	26.66 -0.67 -1.97	31.41 -0.85 -0.19	16.76 -0.38 -2.68	15.77 -0.37 -2.36	24.09 -0.66 -0.41	25.92 -0.72 -0.49	24.91 -0.66 -1.30	24.85 -0.66 -1.65	22.03 -0.55 -2.62	24.58 -0.63 -2.58	31.74 -0.76 -1.95	32.74 -0.75 -1.48	-4.08 0.32 -10.52	-1.50 0.22 -9.34	-0.38 0.23 -11.00	13.75 -0.15 -6.33	3.61 0.07 -6.84	1.85 0.09 -5.89	-2.30 0.20 -7.22
SITHE____BATAVIA 24024	37.57 0.10 -0.17	33.54 0.07 -0.45	33.96 0.16 -0.33	30.04 0.06 -0.40	28.78 0.08 -0.75	28.48 0.00 -3.11	32.44 0.07 -0.31	18.51 -0.18 -4.23	17.34 -0.16 -3.73	24.65 -0.34 -0.65	26.38 -0.55 -0.77	25.93 -0.39 -2.05	26.00 -0.46 -2.60	23.74 -0.35 -4.14	26.25 -0.46 -4.08	33.19 -0.42 -3.06	34.15 -0.18 -2.31	1.62 -0.09 -16.63	3.48 -0.22 -14.76	5.55 -0.23 -17.39	17.74 0.16 -10.01	7.46 -0.05 -10.82	5.13 -0.06 -9.32	1.50 -0.20 -11.41
SITHE____INDEPEND 23800	36.42 -0.99 -0.11	32.42 -0.89 -0.29	32.78 -0.90 -0.21	29.02 -0.81 -0.25	27.68 -0.75 -0.47	26.66 -0.67 -1.97	31.41 -0.84 -0.19	16.76 -0.38 -2.68	15.77 -0.37 -2.36	24.09 -0.66 -0.41	25.92 -0.72 -0.49	24.91 -0.66 -1.30	24.85 -0.66 -1.65	22.03 -0.55 -2.62	24.58 -0.63 -2.58	31.74 -0.77 -1.95	32.74 -0.75 -1.48	-4.08 0.32 -10.52	-1.50 0.22 -9.34	-0.39 0.23 -11.00	13.75 -0.15 -6.33	3.61 0.07 -6.84	1.85 0.09 -5.89	-2.30 0.20 -7.22
SITHE____MASSENA 23902	37.09 -0.24 -0.03	33.16 0.07 -0.08	33.58 0.05 -0.06	29.76 0.11 -0.07	28.26 0.17 -0.13	26.09 0.18 -0.54	32.24 0.12 -0.06	15.29 0.08 -0.74	14.55 0.12 -0.65	24.58 0.12 -0.11	26.33 0.04 -0.13	24.36 -0.28 -0.36	24.58 0.26 -0.46	20.81 0.12 -0.73	23.87 0.52 -0.72	31.93 0.84 -0.54	32.73 0.31 -0.41	-11.72 0.28 -2.92	-7.74 0.73 -2.59	-7.68 0.88 -3.05	8.64 -0.68 -1.75	-1.15 0.26 -1.90	-2.23 0.26 -1.63	-7.10 0.62 -2.00
SITHE____OGDNSBRG 24021	37.63 0.30 -0.04	33.59 0.48 -0.09	34.05 0.51 -0.07	30.18 0.52 -0.08	28.68 0.57 -0.15	26.57 0.56 -0.64	32.70 0.57 -0.06	15.63 0.30 -0.87	14.87 0.33 -0.76	24.84 0.36 -0.13	26.62 0.30 -0.16	24.63 -0.06 -0.42	24.88 0.49 -0.53	21.14 0.34 -0.85	24.21 0.74 -0.83	32.34 1.15 -0.63	33.21 0.72 -0.48	-11.46 0.06 -3.40	-7.46 0.58 -3.02	-7.32 0.73 -3.56	9.03 -0.59 -2.05	-0.87 0.21 -2.22	-2.01 0.21 -1.91	-6.88 0.50 -2.34
SITHE____STERLING 23777	38.27 0.89 -0.08	34.00 0.77 -0.22	34.44 0.81 -0.16	30.46 0.69 -0.19	28.99 0.67 -0.36	27.49 0.61 -1.50	33.00 0.79 -0.15	16.88 0.36 -2.05	15.92 0.33 -1.80	25.17 0.51 -0.31	27.07 0.55 -0.37	25.70 0.43 -0.99	25.61 0.48 -1.26	22.40 0.44 -2.01	25.07 0.46 -1.98	32.71 0.67 -1.49	33.92 0.77 -1.13	-7.23 -0.36 -8.06	-4.16 -0.25 -7.15	-3.44 -0.25 -8.42	12.56 0.14 -4.85	1.87 -0.06 -5.24	0.32 -0.07 -4.51	-4.35 -0.16 -5.53
SLEIGHT__34_KV_TB1 80719	37.13 -0.33 -0.16	33.13 -0.30 -0.41	33.46 -0.32 -0.30	29.60 -0.35 -0.37	28.36 -0.28 -0.68	27.96 -0.26 -2.85	32.07 -0.27 -0.28	18.15 -0.18 -3.87	17.02 -0.17 -3.41	24.61 -0.33 -0.60	26.46 -0.41 -0.71	25.81 -0.34 -1.88	25.88 -0.37 -2.38	23.45 -0.30 -3.79	26.03 -0.33 -3.74	33.04 -0.34 -2.82	33.94 -0.22 -2.14	0.32 0.01 -15.24	2.40 -0.06 -13.52	4.24 -0.08 -15.94	16.78 0.04 -9.17	6.60 -0.01 -9.91	4.41 0.00 -8.54	0.71 -0.03 -10.45
SOUTH CAIRO____GT 23612	41.33 3.24 -0.79	37.92 2.82 -2.08	37.86 2.87 -1.51	34.08 2.65 -1.86	33.89 2.49 -3.44	41.96 2.24 -14.35	36.40 2.91 -1.43	35.30 1.30 -19.53	32.13 1.15 -17.20	29.36 2.01 -3.00	31.69 1.97 -3.57	35.46 1.72 -9.47	37.74 1.86 -12.01	40.65 1.57 -19.13	43.37 1.91 -18.84	47.29 2.50 -14.22	45.59 2.78 -10.79	60.58 -1.31 -76.82	56.17 -0.95 -68.18	67.75 -0.96 -80.33	54.40 0.62 -46.21	46.42 -0.24 -49.96	38.62 -0.29 -43.03	42.35 -0.64 -52.71

SOUTH HAMPTN___IC 23720	72.79 4.21 -31.29	53.89 3.63 -17.24	53.94 3.64 -16.83	34.29 3.10 -1.62	33.82 2.85 -3.00	65.40 2.70 -37.34	53.73 3.53 -18.13	71.86 1.63 -55.77	37.82 1.57 -22.47	34.45 2.78 -7.33	34.14 2.98 -5.00	39.15 2.83 -12.04	38.11 2.63 -11.61	38.94 2.21 -16.77	42.33 2.49 -17.22	46.33 3.35 -12.41	64.02 3.76 -28.24	50.35 -1.75 -67.03	47.10 -1.34 -59.50	57.07 -1.41 -70.09	48.84 0.95 -40.33	39.92 -0.37 -43.60	32.97 -0.45 -37.55	35.31 -0.96 -45.99
SOUTHDOW_115KV_TB1 355954	37.77 0.28 -0.19	33.81 0.28 -0.51	33.98 0.14 -0.37	30.07 0.03 -0.46	28.92 0.11 -0.85	28.95 0.05 -3.53	32.58 0.17 -0.35	19.14 -0.13 -4.80	17.83 -0.18 -4.23	24.82 -0.27 -0.74	26.79 -0.25 -0.88	26.34 -0.27 -2.33	26.45 -0.37 -2.95	24.46 -0.20 -4.71	26.99 -0.27 -4.63	33.62 -0.40 -3.46	34.35 -0.28 -2.62	4.03 0.06 -18.90	5.74 0.02 -16.77	8.14 -0.01 -19.76	19.00 0.06 -11.37	8.98 -0.01 -12.29	6.44 -0.02 -10.59	3.00 -0.25 -12.97
SOUTHOLD_69_KV_BK 2 55809	73.31 4.73 -31.29	54.42 4.16 -17.24	54.50 4.20 -16.83	34.65 3.46 -1.62	34.23 3.28 -3.00	65.86 3.15 -37.34	54.22 4.02 -18.13	72.09 1.86 -55.77	38.02 1.77 -22.47	34.80 3.13 -7.33	34.53 3.37 -5.00	39.49 3.18 -12.04	38.44 2.96 -11.61	39.22 2.49 -16.77	42.65 2.80 -17.22	46.76 3.79 -12.41	64.51 4.25 -28.24	50.11 -1.99 -67.03	46.93 -1.51 -59.50	56.89 -1.59 -70.09	48.96 1.07 -40.33	39.88 -0.41 -43.60	32.92 -0.51 -37.55	35.20 -1.07 -45.99
SOUTHOLD___IC 23719	73.32 4.74 -31.29	54.35 4.10 -17.24	54.41 4.11 -16.83	34.71 3.51 -1.62	34.21 3.25 -3.00	65.76 3.06 -37.34	54.21 4.01 -18.13	72.08 1.84 -55.77	38.03 1.78 -22.47	34.82 3.15 -7.33	34.53 3.38 -5.00	39.51 3.19 -12.04	38.44 2.96 -11.61	39.22 2.49 -16.77	42.65 2.81 -17.22	46.76 3.79 -12.41	64.52 4.26 -28.24	50.11 -1.99 -67.03	46.93 -1.51 -59.50	56.90 -1.58 -70.09	48.97 1.08 -40.33	39.88 -0.41 -43.60	32.92 -0.51 -37.55	35.20 -1.07 -45.99
SOUTH_FORK_WT_PWR 323839	73.48 4.90 -31.29	54.49 4.23 -17.24	54.55 4.24 -16.83	34.82 3.62 -1.62	34.32 3.36 -3.00	65.87 3.16 -37.34	54.33 4.14 -18.13	72.14 1.90 -55.77	38.08 1.83 -22.47	34.91 3.24 -7.33	34.62 3.46 -5.00	39.58 3.26 -12.04	38.52 3.04 -11.61	39.28 2.56 -16.77	42.72 2.88 -17.22	46.85 3.88 -12.41	64.63 4.37 -28.24	50.06 -2.04 -67.03	46.89 -1.55 -59.50	56.86 -1.62 -70.09	49.01 1.12 -40.33	39.87 -0.42 -43.60	32.90 -0.52 -37.55	35.17 -1.10 -45.99
SPIERFLS_115KV_TB 1 80737	40.56 2.41 -0.86	37.35 2.08 -2.26	37.35 2.23 -1.64	33.58 1.99 -2.01	33.58 1.88 -3.73	42.66 1.73 -15.56	35.82 2.21 -1.55	36.67 1.02 -21.18	33.36 0.93 -18.66	29.15 1.55 -3.25	31.60 1.57 -3.87	36.17 1.61 -10.28	38.43 1.54 -13.03	41.73 1.03 -20.75	44.02 0.96 -20.43	46.96 0.97 -15.43	44.76 1.04 -11.70	67.91 -0.49 -83.33	62.56 -0.34 -73.96	75.18 -0.34 -87.13	57.90 0.21 -50.13	50.82 -0.07 -54.20	42.44 -0.11 -46.68	46.89 -0.56 -57.17
ST LAWRENCE___ 23600	36.53 -0.80 -0.03	32.67 -0.42 -0.07	33.07 -0.45 -0.05	29.31 -0.33 -0.07	27.84 -0.25 -0.12	25.68 -0.21 -0.51	31.77 -0.35 -0.05	15.03 -0.14 -0.70	14.32 -0.08 -0.62	24.24 -0.22 -0.11	25.97 -0.32 -0.13	24.08 -0.53 -0.34	24.22 -0.07 -0.43	20.49 -0.15 -0.69	23.54 0.23 -0.67	31.52 0.45 -0.51	32.30 -0.10 -0.39	-11.70 0.48 -2.75	-7.74 0.87 -2.44	-7.69 1.05 -2.88	8.44 -0.78 -1.66	-1.21 0.31 -1.79	-2.26 0.32 -1.54	-7.07 0.76 -1.89
STATE_CA_115KV_115_LB 55624	38.98 0.85 -0.84	36.00 0.77 -2.21	35.85 0.77 -1.61	32.29 0.74 -1.97	32.31 0.70 -3.65	41.18 0.59 -15.23	34.36 0.78 -1.51	35.52 0.33 -20.73	32.37 0.34 -18.25	28.20 0.66 -3.18	30.67 0.73 -3.79	34.90 0.58 -10.05	37.19 0.58 -12.75	40.75 0.49 -20.30	43.19 0.58 -19.99	46.35 0.69 -15.10	44.18 0.71 -11.45	66.27 -0.32 -81.53	61.07 -0.24 -72.36	73.39 -0.24 -85.25	56.77 0.15 -49.05	49.66 -0.06 -53.03	41.47 -0.08 -45.67	46.05 -0.17 -55.94
STATE_ST_34_KV_LOAD 55959	37.61 0.15 -0.16	33.69 0.25 -0.42	33.99 0.21 -0.31	30.09 0.13 -0.37	28.85 0.20 -0.69	28.43 0.16 -2.90	32.62 0.27 -0.29	18.47 0.06 -3.94	17.33 0.08 -3.47	25.10 0.15 -0.61	26.95 0.08 -0.72	26.27 0.08 -1.91	26.33 0.04 -2.42	23.79 -0.02 -3.86	26.45 0.02 -3.80	33.67 0.24 -2.87	34.54 0.35 -2.18	0.39 -0.19 -15.51	2.55 -0.15 -13.76	4.41 -0.19 -16.21	17.06 0.16 -9.33	6.74 -0.04 -10.08	4.52 -0.04 -8.69	0.78 -0.15 -10.64
STATION 5_MISC_HYD 23604	37.27 -0.19 -0.16	33.24 -0.20 -0.42	33.60 -0.17 -0.31	29.72 -0.23 -0.37	28.46 -0.19 -0.69	28.06 -0.21 -2.90	32.14 -0.21 -0.29	18.21 -0.20 -3.95	17.06 -0.19 -3.48	24.58 -0.37 -0.61	26.45 -0.43 -0.72	25.84 -0.35 -1.91	25.90 -0.39 -2.43	23.52 -0.30 -3.87	26.08 -0.35 -3.81	33.01 -0.43 -2.88	33.90 -0.29 -2.18	0.59 -0.01 -15.52	2.60 -0.12 -13.78	4.49 -0.13 -16.23	16.98 0.08 -9.34	6.77 -0.03 -10.09	4.54 -0.03 -8.70	0.82 -0.11 -10.65
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	37.55 0.10 -0.16	33.50 0.07 -0.42	33.83 0.05 -0.30	29.93 -0.02 -0.37	28.67 0.02 -0.69	28.27 0.02 -2.88	32.45 0.10 -0.29	18.37 -0.02 -3.92	17.21 -0.02 -3.46	24.86 -0.09 -0.60	26.72 -0.15 -0.72	26.07 -0.10 -1.90	26.10 -0.18 -2.41	23.68 -0.11 -3.84	26.28 -0.13 -3.78	33.38 -0.04 -2.86	34.31 0.13 -2.17	0.34 -0.16 -15.42	2.43 -0.20 -13.69	4.29 -0.22 -16.13	16.98 0.13 -9.28	6.68 -0.05 -10.03	4.46 -0.05 -8.64	0.72 -0.15 -10.58
STA_56_34_KV_BUS2_REV_LBMP_B 345033	37.09 -0.37 -0.16	33.07 -0.36 -0.42	33.43 -0.35 -0.30	29.57 -0.38 -0.37	28.31 -0.34 -0.69	27.93 -0.33 -2.89	31.99 -0.36 -0.29	18.14 -0.25 -3.93	17.00 -0.24 -3.46	24.48 -0.47 -0.60	26.35 -0.52 -0.72	25.74 -0.44 -1.91	25.80 -0.49 -2.42	23.43 -0.37 -3.85	25.98 -0.44 -3.79	32.90 -0.52 -2.86	33.79 -0.39 -2.17	0.58 0.05 -15.45	2.59 -0.06 -13.71	4.47 -0.07 -16.16	16.92 0.05 -9.30	6.74 -0.01 -10.05	4.52 -0.01 -8.66	0.83 -0.05 -10.60
STA_56___34_KV_BUS2 355983	37.09 -0.37 -0.16	33.07 -0.36 -0.42	33.43 -0.35 -0.30	29.57 -0.38 -0.37	28.31 -0.34 -0.69	27.93 -0.33 -2.89	31.99 -0.36 -0.29	18.14 -0.25 -3.93	17.00 -0.24 -3.46	24.48 -0.47 -0.60	26.35 -0.52 -0.72	25.74 -0.44 -1.91	25.80 -0.49 -2.42	23.43 -0.37 -3.85	25.98 -0.44 -3.79	32.90 -0.52 -2.86	33.79 -0.39 -2.17	0.58 0.05 -15.45	2.59 -0.06 -13.71	4.47 -0.07 -16.16	16.92 0.05 -9.30	6.74 -0.01 -10.05	4.52 -0.01 -8.66	0.83 -0.05 -10.60
STA_67___115KV_BK2 355882	37.21 -0.25 -0.16	33.18 -0.26 -0.42	33.55 -0.23 -0.31	29.67 -0.28 -0.37	28.41 -0.24 -0.69	28.02 -0.25 -2.90	32.09 -0.27 -0.29	18.19 -0.22 -3.95	17.04 -0.21 -3.48	24.54 -0.42 -0.61	26.40 -0.48 -0.72	25.79 -0.39 -1.91	25.84 -0.45 -2.43	23.47 -0.35 -3.87	26.03 -0.41 -3.80	32.94 -0.49 -2.87	33.84 -0.36 -2.18	0.62 0.03 -15.52	2.62 -0.09 -13.77	4.51 -0.10 -16.22	16.97 0.07 -9.33	6.77 -0.02 -10.09	4.54 -0.02 -8.69	0.84 -0.09 -10.65
STA_7___115KV_9TRANS 80674	37.43 -0.02 -0.16	33.37 -0.06 -0.42	33.73 -0.05 -0.31	29.83 -0.12 -0.37	28.56 -0.09 -0.69	28.16 -0.11 -2.90	32.27 -0.08 -0.29	18.27 -0.14 -3.95	17.12 -0.13 -3.48	24.67 -0.28 -0.61	26.56 -0.32 -0.72	25.94 -0.24 -1.91	26.00 -0.29 -2.43	23.61 -0.21 -3.87	26.19 -0.25 -3.80	33.17 -0.27 -2.88	34.09 -0.11 -2.18	0.51 -0.09 -15.52	2.54 -0.18 -13.78	4.42 -0.20 -16.23	17.04 0.13 -9.34	6.75 -0.04 -10.10	4.52 -0.05 -8.70	0.78 -0.15 -10.65

STA_82___115KV_TB1 80780	37.23 -0.23 -0.16	33.20 -0.23 -0.42	33.57 -0.22 -0.31	29.69 -0.27 -0.38	28.43 -0.23 -0.70	28.04 -0.24 -2.91	32.11 -0.24 -0.29	18.21 -0.21 -3.95	17.06 -0.20 -3.48	24.55 -0.40 -0.61	26.42 -0.46 -0.72	25.81 -0.38 -1.92	25.86 -0.43 -2.43	23.50 -0.33 -3.87	26.05 -0.39 -3.81	32.97 -0.47 -2.88	33.87 -0.34 -2.19	0.65 0.02 -15.55	2.65 -0.09 -13.81	4.54 -0.11 -16.26	17.00 0.08 -9.36	6.79 -0.02 -10.12	4.56 -0.03 -8.71	0.86 -0.10 -10.67
STEEL___WIND 323596	36.72 -0.77 -0.19	32.83 -0.68 -0.49	33.16 -0.67 -0.36	29.33 -0.69 -0.44	28.15 -0.63 -0.81	28.14 -0.62 -3.39	31.66 -0.74 -0.34	18.54 -0.55 -4.62	17.33 -0.52 -4.07	24.18 -0.88 -0.71	26.02 -0.98 -0.85	25.62 -0.89 -2.24	25.71 -1.00 -2.84	23.70 -0.78 -4.53	26.14 -0.95 -4.46	32.59 -1.29 -3.32	33.28 -1.25 -2.51	3.67 0.42 -18.18	5.24 0.16 -16.14	7.56 0.17 -19.01	18.40 -0.11 -10.94	8.58 0.05 -11.82	6.13 0.06 -10.18	2.80 0.05 -12.47
STEPHTWN_115KV_BK_2 55603	39.35 1.22 -0.83	36.31 1.11 -2.19	36.10 1.04 -1.59	32.53 1.00 -1.95	32.50 0.93 -3.62	41.27 0.82 -15.07	34.66 1.09 -1.50	35.47 0.49 -20.52	32.30 0.45 -18.08	28.38 0.88 -3.15	30.85 0.94 -3.75	35.03 0.80 -9.96	37.31 0.82 -12.62	40.73 0.68 -20.10	43.23 0.81 -19.79	46.51 1.01 -14.95	44.39 1.04 -11.34	65.31 -0.48 -80.72	60.22 -0.36 -71.65	72.41 -0.38 -84.41	56.37 0.24 -48.56	49.10 -0.10 -52.50	40.97 -0.12 -45.22	45.39 -0.28 -55.38
STEUBEN_REC_LFGE 323667	36.97 -0.55 -0.22	33.16 -0.44 -0.59	33.22 -0.68 -0.43	29.48 -0.62 -0.52	28.41 -0.52 -0.97	29.00 -0.41 -4.04	32.09 -0.38 -0.40	19.58 -0.39 -5.50	18.22 -0.40 -4.84	24.54 -0.65 -0.84	26.35 -0.81 -1.01	26.18 -0.76 -2.67	26.39 -0.86 -3.38	24.60 -0.74 -5.39	26.95 -0.98 -5.30	33.33 -1.23 -3.99	33.67 -1.37 -3.03	7.35 0.65 -21.63	8.50 0.36 -19.20	11.39 0.39 -22.61	20.32 -0.26 -13.01	10.88 0.11 -14.07	8.10 0.11 -12.11	5.32 0.19 -14.84
STILLWATER___SOLAR 323814	40.19 2.04 -0.85	37.04 1.78 -2.25	36.94 1.84 -1.63	33.22 1.63 -2.00	33.23 1.56 -3.71	42.27 1.42 -15.48	35.42 1.81 -1.54	36.37 0.82 -21.08	33.09 0.74 -18.56	28.86 1.28 -3.24	31.34 1.34 -3.86	35.82 1.32 -10.23	38.12 1.29 -12.96	41.62 1.02 -20.65	44.09 1.13 -20.33	47.30 1.39 -15.35	45.13 1.46 -11.65	67.29 -0.69 -82.92	62.03 -0.51 -73.59	74.57 -0.52 -86.70	57.78 0.33 -49.88	50.49 -0.13 -53.92	42.15 -0.17 -46.45	46.69 -0.48 -56.89
STONY___BROOK 24151	71.74 3.21 -31.24	53.00 2.77 -17.22	53.04 2.76 -16.80	33.52 2.33 -1.62	33.07 2.11 -3.00	64.67 2.02 -37.28	52.84 2.64 -18.14	71.39 1.22 -55.70	37.48 1.19 -22.50	33.87 2.16 -7.36	33.56 2.36 -5.04	38.62 2.25 -12.09	37.62 2.09 -11.67	38.47 1.74 -16.77	41.80 1.96 -17.22	45.56 2.59 -12.41	63.13 2.90 -28.21	50.76 -1.34 -67.03	47.39 -1.04 -59.50	57.38 -1.10 -70.09	48.63 0.73 -40.33	40.00 -0.29 -43.60	33.06 -0.36 -37.55	35.52 -0.75 -45.99
STURGEON_POOL_HYD 23609	39.35 1.34 -0.72	36.08 1.18 -1.89	36.03 1.18 -1.37	32.26 1.00 -1.68	32.00 0.93 -3.12	39.23 0.86 -13.00	34.43 1.08 -1.29	32.65 0.50 -17.69	29.87 0.51 -15.58	28.02 0.96 -2.72	30.49 1.10 -3.24	33.93 1.08 -8.58	35.78 1.04 -10.88	38.13 0.85 -17.33	40.60 0.91 -17.06	44.64 1.20 -12.88	43.06 1.27 -9.78	54.06 -0.60 -69.59	50.25 -0.46 -61.77	60.66 -0.49 -72.77	49.74 0.31 -41.86	41.82 -0.14 -45.26	34.68 -0.18 -38.98	37.64 -0.39 -47.75
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	39.21 1.26 -0.65	35.83 1.10 -1.71	35.82 1.11 -1.24	32.01 0.90 -1.53	31.65 0.86 -2.83	37.93 0.77 -11.79	34.23 0.99 -1.17	30.98 0.47 -16.04	28.38 0.47 -14.13	27.68 0.87 -2.46	30.07 0.98 -2.94	33.03 0.97 -7.78	34.67 0.93 -9.87	36.46 0.79 -15.72	38.96 0.85 -15.48	43.34 1.09 -11.69	42.09 1.21 -8.87	47.60 -0.58 -63.11	44.51 -0.45 -56.02	53.90 -0.49 -66.00	45.84 0.30 -37.97	37.61 -0.14 -41.05	31.06 -0.17 -35.35	33.21 -0.37 -43.30
SWANROAD_115KV_TB1 355699	35.96 -1.51 -0.18	32.16 -1.33 -0.47	32.68 -1.14 -0.34	28.90 -1.10 -0.42	27.74 -1.00 -0.78	27.55 -1.07 -3.25	31.04 -1.35 -0.32	17.94 -0.94 -4.42	16.82 -0.85 -3.89	23.55 -1.48 -0.68	25.30 -1.66 -0.81	24.92 -1.50 -2.14	24.98 -1.60 -2.72	22.98 -1.31 -4.33	25.36 -1.53 -4.26	31.67 -2.07 -3.18	32.44 -1.98 -2.40	3.23 0.77 -17.39	4.75 0.38 -15.43	6.98 0.42 -18.18	17.86 -0.16 -10.46	8.12 0.11 -11.31	5.75 0.14 -9.74	2.45 0.23 -11.93
SYNERGY___BIOGAS 323694	37.57 0.10 -0.17	33.54 0.07 -0.45	33.96 0.16 -0.33	30.04 0.06 -0.40	28.78 0.08 -0.75	28.48 0.00 -3.11	32.44 0.07 -0.31	18.51 -0.18 -4.23	17.34 -0.16 -3.73	24.65 -0.34 -0.65	26.38 -0.55 -0.77	25.93 -0.39 -2.05	26.00 -0.46 -2.60	23.74 -0.35 -4.14	26.25 -0.46 -4.08	33.19 -0.42 -3.06	34.15 -0.18 -2.31	1.62 -0.09 -16.63	3.48 -0.22 -14.76	5.55 -0.23 -17.39	17.74 0.16 -10.01	7.46 -0.05 -10.82	5.13 -0.06 -9.32	1.50 -0.20 -11.41
SYRACUSE___ENERGY_ST1 323597	37.31 -0.13 -0.14	33.27 -0.12 -0.37	33.61 -0.13 -0.27	29.77 -0.15 -0.33	28.46 -0.11 -0.62	27.84 -0.10 -2.57	32.22 -0.10 -0.25	17.91 -0.05 -3.49	16.81 -0.05 -3.08	24.79 -0.09 -0.54	26.67 -0.12 -0.64	25.87 -0.10 -1.70	25.89 -0.12 -2.15	23.28 -0.10 -3.42	25.89 -0.11 -3.37	33.05 -0.05 -2.55	33.98 0.03 -1.93	-1.23 0.04 -13.74	1.08 -0.06 -12.20	2.69 -0.07 -14.37	15.88 0.04 -8.27	5.62 -0.02 -8.94	3.56 -0.01 -7.70	-0.32 -0.04 -9.43
SYRACUSE___ENERGY_ST2 323598	37.31 -0.13 -0.14	33.27 -0.12 -0.37	33.61 -0.13 -0.27	29.77 -0.15 -0.33	28.46 -0.11 -0.62	27.84 -0.10 -2.57	32.22 -0.10 -0.25	17.91 -0.05 -3.49	16.81 -0.05 -3.08	24.79 -0.09 -0.54	26.67 -0.12 -0.64	25.87 -0.10 -1.70	25.89 -0.12 -2.15	23.28 -0.10 -3.42	25.89 -0.11 -3.37	33.05 -0.05 -2.55	33.98 0.03 -1.93	-1.23 -0.04 -13.74	1.08 -0.06 -12.20	2.69 -0.07 -14.37	15.88 0.04 -8.27	5.62 -0.02 -8.94	3.56 -0.01 -7.70	-0.32 -0.04 -9.43
SYRACUSE___POWER 24017	37.34 -0.10 -0.14	33.28 -0.11 -0.38	33.62 -0.12 -0.28	29.78 -0.14 -0.34	28.46 -0.12 -0.63	27.88 -0.10 -2.62	32.22 -0.10 -0.26	17.98 -0.04 -3.56	16.87 -0.05 -3.14	24.80 -0.10 -0.55	26.68 -0.12 -0.65	25.90 -0.10 -1.73	25.93 -0.12 -2.19	23.35 -0.09 -3.49	25.95 -0.12 -3.43	33.09 -0.07 -2.59	34.01 0.03 -1.97	-0.97 -0.05 -14.00	1.30 -0.07 -12.43	2.95 -0.08 -14.64	16.04 0.05 -8.42	5.79 -0.02 -9.11	3.70 -0.02 -7.84	-0.15 -0.04 -9.61
TALLMAN___138KV_BK151 55660	39.33 1.37 -0.66	35.96 1.19 -1.75	35.93 1.19 -1.27	32.11 0.97 -1.56	31.76 0.91 -2.89	38.25 0.82 -12.06	34.32 1.06 -1.20	31.38 0.50 -16.42	28.74 0.51 -14.46	27.80 0.93 -2.52	30.23 1.07 -3.00	33.30 1.06 -7.96	34.98 1.02 -10.10	36.90 0.87 -16.08	39.39 0.93 -15.84	43.70 1.18 -11.96	42.40 1.31 -9.07	49.02 -0.63 -64.58	45.79 -0.48 -57.32	55.39 -0.53 -67.53	46.76 0.33 -38.85	38.55 -0.15 -42.01	31.86 -0.19 -36.18	34.19 -0.41 -44.31
TEALLAVE_115KV_TB7 355573	37.13 -0.30 -0.13	33.07 -0.29 -0.34	33.42 -0.31 -0.25	29.59 -0.29 -0.31	28.26 -0.27 -0.57	27.51 -0.23 -2.37	32.03 -0.27 -0.23	17.57 -0.13 -3.23	16.49 -0.13 -2.84	24.61 -0.23 -0.49	26.48 -0.26 -0.59	25.60 -0.23 -1.56	25.60 -0.25 -1.98	22.92 -0.20 -3.16	25.50 -0.25 -3.11	32.67 -0.24 -2.35	33.63 -0.17 -1.79	-2.19 0.04 -12.69	0.20 -0.01 -11.27	1.65 0.00 -13.27	15.21 0.01 -7.64	4.96 0.00 -8.26	2.99 0.01 -7.11	-0.99 0.01 -8.71

TELGRAPH_34_KV_EAST 80808	36.81 -0.66 -0.17	32.89 -0.58 -0.46	33.33 -0.48 -0.33	29.47 -0.52 -0.41	28.26 -0.46 -0.76	28.02 -0.52 -3.17	31.77 -0.61 -0.31	18.24 -0.54 -4.31	17.10 -0.48 -3.80	24.16 -0.85 -0.66	25.95 -1.00 -0.79	25.49 -0.87 -2.09	25.54 -0.98 -2.65	23.40 -0.78 -4.22	25.87 -0.92 -4.16	32.47 -1.20 -3.11	33.32 -1.05 -2.35	2.36 0.33 -16.96	4.06 0.07 -15.05	6.19 0.08 -17.73	17.78 0.01 -10.20	7.75 0.03 -11.03	5.41 0.03 -9.50	1.92 0.00 -11.64
TEMPLE___115KV_TB 2 55572	37.14 -0.28 -0.13	33.09 -0.27 -0.35	33.45 -0.28 -0.25	29.61 -0.28 -0.31	28.28 -0.25 -0.58	27.54 -0.22 -2.39	32.04 -0.26 -0.24	17.60 -0.12 -3.26	16.53 -0.12 -2.87	24.63 -0.22 -0.50	26.50 -0.25 -0.60	25.63 -0.22 -1.58	25.63 -0.23 -2.00	22.96 -0.19 -3.19	25.54 -0.23 -3.14	32.71 -0.22 -2.37	33.67 -0.15 -1.80	-2.08 0.03 -12.82	0.31 -0.01 -11.38	1.77 -0.02 -13.40	15.29 0.01 -7.71	5.03 0.00 -8.34	3.06 0.00 -7.18	-0.92 0.01 -8.79
TIANA___69_KV_BK 1 55817	72.58 4.00 -31.29	53.78 3.52 -17.24	53.86 3.57 -16.83	34.09 2.89 -1.62	33.69 2.73 -3.00	65.36 2.66 -37.34	53.56 3.36 -18.13	71.79 1.56 -55.77	37.73 1.48 -22.47	34.31 2.64 -7.33	34.01 2.86 -5.00	39.02 2.70 -12.04	37.99 2.51 -11.61	38.84 2.12 -16.77	42.22 2.38 -17.22	46.18 3.21 -12.41	63.85 3.59 -28.24	50.43 -1.67 -67.03	47.16 -1.28 -59.50	57.13 -1.35 -70.09	48.80 0.90 -40.33	39.94 -0.35 -43.60	32.99 -0.44 -37.55	35.35 -0.92 -45.99
TILDEN___115KV_TB1 80814	37.34 -0.10 -0.14	33.28 -0.11 -0.38	33.62 -0.12 -0.28	29.78 -0.14 -0.34	28.46 -0.12 -0.63	27.88 -0.10 -2.62	32.22 -0.10 -0.26	17.98 -0.04 -3.56	16.87 -0.05 -3.14	24.80 -0.10 -0.55	26.68 -0.12 -0.65	25.90 -0.10 -1.73	25.93 -0.12 -2.19	23.35 -0.09 -3.49	25.95 -0.12 -3.43	33.09 -0.07 -2.59	34.01 0.03 -1.97	-0.97 -0.05 -14.00	1.30 -0.07 -12.43	2.95 -0.08 -14.64	16.04 0.05 -8.42	5.79 -0.02 -9.11	3.70 -0.02 -7.84	-0.15 -0.04 -9.61
TRIGEN___CC 323695	62.90 2.37 -23.24	47.88 2.12 -12.76	47.95 2.15 -12.32	32.90 1.68 -1.63	32.57 1.60 -3.02	54.32 1.57 -27.38	53.94 1.97 -19.91	59.90 0.91 -44.52	42.74 0.89 -28.06	39.65 1.63 -13.68	40.09 1.85 -12.09	45.96 1.75 -19.93	46.47 1.64 -20.96	38.60 1.33 -17.31	41.25 1.47 -17.15	44.86 1.89 -12.41	56.87 2.07 -22.78	51.14 -0.97 -67.03	47.68 -0.75 -59.50	57.68 -0.80 -70.09	48.40 0.50 -40.33	40.07 -0.22 -43.60	33.15 -0.28 -37.55	35.69 -0.58 -45.99
TRINITY___115KV___4 BK 55933	38.85 0.72 -0.83	35.87 0.66 -2.19	35.73 0.66 -1.59	32.18 0.64 -1.96	32.18 0.59 -3.62	40.98 0.50 -15.11	34.22 0.65 -1.50	35.30 0.27 -20.56	32.17 0.28 -18.11	28.07 0.56 -3.16	30.53 0.61 -3.76	34.71 0.46 -9.97	36.98 0.46 -12.65	40.49 0.39 -20.14	42.93 0.47 -19.83	46.07 0.54 -14.98	43.91 0.53 -11.36	65.72 -0.24 -80.89	60.56 -0.18 -71.80	72.79 -0.19 -84.59	56.35 0.12 -48.67	49.26 -0.05 -52.61	41.13 -0.06 -45.32	45.66 -0.13 -55.50
UNION___PROCESSING_DRP 323587	37.25 -0.21 -0.16	33.21 -0.23 -0.42	33.58 -0.20 -0.31	29.70 -0.26 -0.38	28.44 -0.22 -0.70	28.06 -0.22 -2.91	32.12 -0.23 -0.29	18.21 -0.21 -3.96	17.06 -0.20 -3.48	24.55 -0.40 -0.61	26.42 -0.45 -0.72	25.82 -0.37 -1.92	25.87 -0.43 -2.43	23.50 -0.33 -3.87	26.05 -0.39 -3.82	32.98 -0.46 -2.88	33.87 -0.33 -2.19	0.65 0.01 -15.56	2.65 -0.10 -13.81	4.54 -0.12 -16.27	17.01 0.08 -9.36	6.79 -0.02 -10.12	4.56 -0.03 -8.72	0.86 -0.10 -10.68
UPPER HUDSON___HYD 24058	40.57 2.42 -0.86	37.35 2.08 -2.26	37.35 2.23 -1.64	33.58 1.99 -2.01	33.58 1.89 -3.73	42.66 1.73 -15.56	35.82 2.21 -1.55	36.67 1.02 -21.18	33.36 0.93 -18.66	29.15 1.55 -3.25	31.60 1.57 -3.87	36.16 1.61 -10.28	38.43 1.54 -13.03	41.74 1.03 -20.75	44.02 0.96 -20.43	46.96 0.97 -15.43	44.76 1.04 -11.70	67.91 -0.49 -83.33	62.56 -0.34 -73.96	75.18 -0.34 -87.13	57.90 0.21 -50.13	50.82 -0.08 -54.20	42.44 -0.11 -46.68	46.89 -0.56 -57.17
UPPER RAQUET___HYD 24056	37.12 -0.21 -0.04	33.16 0.04 -0.10	33.61 0.07 -0.07	29.80 0.13 -0.09	28.32 0.20 -0.17	26.27 0.20 -0.69	32.25 0.12 -0.07	15.49 0.08 -0.94	14.73 0.12 -0.83	24.56 0.07 -0.14	26.31 -0.02 -0.17	24.36 -0.37 -0.46	24.60 0.16 -0.58	20.91 0.03 -0.93	23.85 0.31 -0.91	31.70 0.45 -0.69	32.43 -0.11 -0.52	-10.76 0.45 -3.72	-6.92 0.84 -3.30	-6.72 1.01 -3.89	9.07 -0.73 -2.24	-0.63 0.26 -2.42	-1.77 0.27 -2.08	-6.53 0.64 -2.55
VALLEY44_115KV_TB2 355964	37.42 -0.07 -0.20	33.44 -0.10 -0.52	33.79 -0.06 -0.38	29.87 -0.17 -0.46	28.63 -0.18 -0.86	28.72 -0.22 -3.57	32.24 -0.17 -0.36	19.08 -0.25 -4.87	17.75 -0.32 -4.29	24.61 -0.48 -0.75	26.42 -0.63 -0.89	25.97 -0.66 -2.36	26.03 -0.82 -2.99	24.02 -0.70 -4.76	26.44 -0.88 -4.69	32.96 -1.10 -3.51	33.69 -0.98 -2.66	4.59 0.38 -19.14	6.10 0.17 -16.99	8.56 0.16 -20.01	19.08 0.00 -11.51	9.15 0.01 -12.45	6.60 0.00 -10.72	3.30 -0.11 -13.13
VALLEY___115KV_TB 1-4 80826	37.96 0.64 -0.02	33.61 0.54 -0.06	34.04 0.53 -0.04	30.10 0.47 -0.05	28.49 0.44 -0.09	26.14 0.37 -0.40	32.56 0.46 -0.04	15.24 0.23 -0.54	14.42 0.16 -0.48	24.71 0.28 -0.08	26.57 0.31 -0.10	24.85 0.32 -0.26	24.53 0.33 -0.33	20.78 0.29 -0.53	23.46 0.31 -0.52	31.20 0.25 -0.40	32.73 0.41 -0.30	-12.99 -0.19 -2.13	-9.28 -0.11 -1.89	-9.53 -0.14 -2.23	8.85 0.01 -1.28	-1.94 -0.02 -1.38	-2.95 -0.02 -1.19	-8.28 -0.02 -1.46
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	39.27 1.62 -0.36	35.36 1.40 -0.95	35.60 1.43 -0.69	31.68 1.25 -0.85	30.69 1.16 -1.57	32.99 1.08 -6.54	34.04 1.33 -0.65	23.95 0.59 -8.90	22.19 0.57 -7.84	26.70 0.98 -1.37	28.85 1.07 -1.63	29.58 0.98 -4.32	30.24 0.90 -5.48	29.40 0.72 -8.72	32.01 0.79 -8.59	38.16 1.12 -6.48	38.14 1.21 -4.92	19.53 -0.56 -35.02	19.59 -0.44 -31.08	24.54 -0.46 -36.62	28.95 0.32 -21.07	19.34 -0.14 -22.78	15.32 -0.17 -19.62	13.93 -0.37 -24.03
VISCHER___FERRY HYD 24020	39.64 1.51 -0.84	36.55 1.33 -2.22	36.44 1.36 -1.61	32.75 1.20 -1.97	32.77 1.15 -3.66	41.66 1.02 -15.26	34.90 1.31 -1.52	35.83 0.59 -20.78	32.61 0.54 -18.30	28.50 0.96 -3.19	30.99 1.03 -3.80	35.33 0.98 -10.08	37.60 0.96 -12.78	41.09 0.78 -20.35	43.57 0.90 -20.04	46.80 1.11 -15.13	44.62 1.12 -11.48	66.27 -0.53 -81.73	61.09 -0.38 -72.54	73.44 -0.40 -85.46	56.99 0.26 -49.16	49.75 -0.11 -53.15	41.52 -0.13 -45.78	46.02 -0.33 -56.07
V_A_10_SYNC_DSASP 323832	36.62 -0.84 -0.17	32.71 -0.74 -0.45	33.08 -0.71 -0.32	29.27 -0.71 -0.40	28.04 -0.65 -0.74	27.79 -0.65 -3.07	31.56 -0.81 -0.30	18.11 -0.53 -4.17	16.95 -0.50 -3.68	24.11 -0.88 -0.64	25.94 -0.98 -0.76	25.44 -0.86 -2.03	25.48 -0.95 -2.57	23.28 -0.77 -4.09	25.73 -0.93 -4.02	32.36 -1.26 -3.06	33.12 -1.22 -2.33	1.89 0.40 -16.42	3.66 0.15 -14.57	5.69 0.14 -17.17	17.36 -0.09 -9.88	7.41 0.04 -10.68	5.12 0.05 -9.20	1.58 0.03 -11.26
V_CMM_10_SYNC_DSASP 323787	36.71 -0.62 -0.03	32.82 -0.27 -0.07	33.24 -0.29 -0.05	29.45 -0.19 -0.07	27.96 -0.12 -0.12	25.80 -0.09 -0.51	31.91 -0.21 -0.05	15.10 -0.07 -0.70	14.38 -0.02 -0.62	24.35 -0.11 -0.11	26.09 -0.20 -0.13	24.19 -0.42 -0.34	24.34 0.05 -0.43	20.58 -0.06 -0.69	23.64 0.33 -0.67	31.67 0.60 -0.51	32.45 0.05 -0.39	-11.77 0.41 -2.75	-7.79 0.82 -2.44	-7.75 0.99 -2.88	8.48 -0.75 -1.66	-1.22 0.29 -1.79	-2.28 0.30 -1.54	-7.12 0.71 -1.89

V_CMP_10_SYNC_DSASP 323788	37.34 0.01 -0.03	33.59 0.50 -0.07	34.06 0.54 -0.05	30.24 0.59 -0.07	28.81 0.73 -0.12	26.62 0.74 -0.51	32.92 0.81 -0.05	15.54 0.37 -0.70	14.82 0.42 -0.62	25.13 0.68 -0.11	26.91 0.62 -0.13	24.97 0.36 -0.34	25.02 0.72 -0.43	21.17 0.53 -0.68	24.30 1.00 -0.67	32.56 1.50 -0.51	33.43 1.03 -0.38	-12.18 0.00 -2.74	-7.95 0.67 -2.44	-7.92 0.83 -2.87	8.55 -0.67 -1.65	-1.22 0.29 -1.78	-2.29 0.30 -1.54	-7.15 0.68 -1.88
V_D_10_SYNC_DSASP 323841	35.79 -1.68 -0.18	32.06 -1.43 -0.47	32.28 -1.54 -0.34	28.58 -1.42 -0.42	27.41 -1.33 -0.78	27.33 -1.29 -3.25	30.83 -1.55 -0.32	17.91 -0.98 -4.43	16.80 -0.87 -3.90	23.59 -1.44 -0.68	25.38 -1.58 -0.81	25.02 -1.40 -2.15	25.07 -1.52 -2.72	22.97 -1.32 -4.34	25.32 -1.58 -4.27	31.69 -2.04 -3.17	32.28 -2.13 -2.40	3.33 0.84 -17.41	4.83 0.44 -15.46	7.05 0.45 -18.21	17.82 -0.22 -10.48	8.15 0.13 -11.32	5.79 0.15 -9.76	2.46 0.23 -11.95
V_E_10_SYNC_DSASP 323830	40.01 2.43 -0.28	36.05 2.29 -0.75	36.36 2.34 -0.54	31.97 1.72 -0.66	30.75 1.56 -1.23	31.96 1.44 -5.14	34.33 1.75 -0.51	22.24 0.78 -7.00	20.71 0.76 -6.16	26.66 1.24 -1.07	28.85 1.41 -1.28	28.98 1.31 -3.39	29.13 0.96 -4.30	27.60 0.79 -6.86	30.25 0.87 -6.75	37.10 1.44 -5.09	37.99 2.11 -3.86	11.64 -0.96 -27.53	12.66 -0.72 -24.43	16.42 -0.75 -28.78	24.69 0.56 -16.56	14.37 -0.23 -17.90	10.99 -0.31 -15.42	8.63 -0.54 -18.89
V_F_30_NSYNC___DSASP 323816	40.23 2.08 -0.85	37.08 1.82 -2.25	37.00 1.89 -1.64	33.26 1.67 -2.01	33.27 1.59 -3.72	42.34 1.45 -15.52	35.46 1.85 -1.54	36.43 0.84 -21.13	33.15 0.76 -18.60	28.91 1.32 -3.24	31.40 1.38 -3.87	35.88 1.36 -10.25	38.18 1.33 -12.99	41.70 1.05 -20.69	44.17 1.16 -20.38	47.38 1.43 -15.39	45.21 1.52 -11.67	67.46 -0.71 -83.10	62.18 -0.52 -73.76	74.74 -0.54 -86.89	57.90 0.34 -49.99	50.61 -0.14 -54.05	42.25 -0.18 -46.55	46.81 -0.49 -57.01
V_F_30_SYNC_DSASP 323786	38.98 0.85 -0.84	35.99 0.77 -2.21	35.85 0.77 -1.60	32.29 0.74 -1.97	32.30 0.69 -3.65	41.17 0.74 -15.22	34.36 0.81 -1.51	35.51 0.33 -20.71	32.36 0.34 -18.24	28.19 0.66 -3.18	30.67 0.73 -3.79	34.90 0.58 -10.05	37.18 0.58 -12.74	40.74 0.49 -20.29	43.18 0.57 -19.98	46.34 0.69 -15.09	44.16 0.70 -11.45	66.22 -0.32 -81.48	61.02 -0.24 -72.32	73.34 -0.24 -85.20	56.74 0.15 -49.02	49.63 -0.06 -52.99	41.44 -0.08 -45.64	46.01 -0.17 -55.90
V_XM_10_SYNC_DSASP 323789	37.34 0.01 -0.03	33.59 0.50 -0.07	34.06 0.54 -0.05	30.24 0.59 -0.07	28.81 0.73 -0.12	26.62 0.74 -0.51	32.92 0.81 -0.05	15.54 0.37 -0.70	14.82 0.42 -0.62	25.13 0.68 -0.11	26.91 0.62 -0.13	24.97 0.36 -0.34	25.02 0.72 -0.43	21.17 0.53 -0.68	24.30 1.00 -0.67	32.56 1.50 -0.51	33.43 1.03 -0.38	-12.18 0.00 -2.74	-7.95 0.67 -2.44	-7.92 0.83 -2.87	8.55 -0.67 -1.65	-1.22 0.29 -1.78	-2.29 0.30 -1.54	-7.15 0.68 -1.88
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	39.46 1.50 -0.67	36.07 1.30 -1.76	36.06 1.31 -1.28	32.21 1.07 -1.57	31.88 1.02 -2.91	38.40 0.91 -12.12	34.44 1.17 -1.21	31.52 0.56 -16.50	28.87 0.55 -14.53	27.91 1.03 -2.53	30.34 1.17 -3.02	33.42 1.15 -8.01	35.13 1.12 -10.15	37.06 0.94 -16.17	39.56 1.01 -15.92	43.88 1.30 -12.02	42.57 1.44 -9.12	49.29 -0.69 -64.92	46.03 -0.52 -57.62	55.69 -0.58 -67.88	46.99 0.37 -39.05	38.75 -0.17 -42.22	32.03 -0.21 -36.37	34.38 -0.44 -44.54
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	39.52 1.53 -0.69	36.18 1.35 -1.82	36.14 1.34 -1.32	32.30 1.10 -1.62	32.01 1.05 -3.00	38.80 0.92 -12.52	34.51 1.20 -1.24	32.09 0.59 -17.03	29.38 0.60 -15.00	28.07 1.11 -2.61	30.51 1.23 -3.12	33.75 1.22 -8.26	35.52 1.18 -10.48	37.62 0.98 -16.69	40.11 1.06 -16.43	44.29 1.32 -12.41	42.89 1.46 -9.41	51.40 -0.69 -67.01	47.89 -0.52 -59.48	57.89 -0.57 -70.07	48.25 0.37 -40.31	40.12 -0.16 -43.58	33.21 -0.20 -37.54	35.83 -0.42 -45.97
W50THST__13_KV_LOAD 356117	39.78 1.79 -0.69	36.40 1.57 -1.82	36.37 1.58 -1.32	32.49 1.30 -1.62	32.19 1.24 -3.00	38.97 1.08 -12.52	34.73 1.43 -1.24	32.19 0.69 -17.03	29.47 0.69 -15.00	28.25 1.29 -2.61	30.70 1.43 -3.12	33.94 1.40 -8.26	35.71 1.37 -10.48	37.78 1.14 -16.69	40.29 1.23 -16.43	44.53 1.57 -12.41	43.15 1.72 -9.41	51.27 -0.81 -67.01	47.81 -0.61 -59.48	57.80 -0.66 -70.07	48.30 0.42 -40.31	40.09 -0.19 -43.58	33.18 -0.23 -37.54	35.77 -0.49 -45.97
WADING RIVER_IC_1 23522	72.07 3.48 -31.29	53.26 3.00 -17.25	53.30 2.99 -16.83	33.73 2.53 -1.62	33.27 2.31 -3.00	64.91 2.20 -37.34	53.07 2.88 -18.13	71.57 1.33 -55.77	37.54 1.29 -22.47	33.98 2.31 -7.32	33.64 2.49 -5.00	38.69 2.38 -12.04	37.68 2.21 -11.61	38.58 1.86 -16.77	41.93 2.08 -17.22	45.77 2.79 -12.41	63.40 3.14 -28.25	50.64 -1.46 -67.03	47.31 -1.12 -59.50	57.30 -1.18 -70.09	48.68 0.79 -40.33	39.98 -0.31 -43.60	33.03 -0.39 -37.55	35.46 -0.81 -45.99
WADING RIVER_IC_2 23547	72.07 3.48 -31.29	53.26 3.00 -17.25	53.30 2.99 -16.83	33.73 2.53 -1.62	33.27 2.31 -3.00	64.91 2.20 -37.34	53.07 2.88 -18.13	71.57 1.33 -55.77	37.54 1.29 -22.47	33.98 2.31 -7.32	33.64 2.49 -5.00	38.69 2.38 -12.04	37.68 2.21 -11.61	38.58 1.86 -16.77	41.93 2.08 -17.22	45.77 2.79 -12.41	63.40 3.14 -28.25	50.64 -1.46 -67.03	47.31 -1.12 -59.50	57.30 -1.18 -70.09	48.68 0.79 -40.33	39.98 -0.31 -43.60	33.03 -0.39 -37.55	35.46 -0.81 -45.99
WADING RIVER_IC_3 23601	72.07 3.48 -31.29	53.26 3.00 -17.25	53.30 2.99 -16.83	33.73 2.53 -1.62	33.27 2.31 -3.00	64.91 2.20 -37.34	53.07 2.88 -18.13	71.57 1.33 -55.77	37.54 1.29 -22.47	33.98 2.31 -7.32	33.64 2.49 -5.00	38.69 2.38 -12.04	37.68 2.21 -11.61	38.58 1.86 -16.77	41.93 2.08 -17.22	45.77 2.79 -12.41	63.40 3.14 -28.25	50.64 -1.46 -67.03	47.31 -1.12 -59.50	57.30 -1.18 -70.09	48.68 0.79 -40.33	39.98 -0.31 -43.60	33.03 -0.39 -37.55	35.46 -0.81 -45.99
WALDENNY_12_KV_BK2 80841	36.75 -0.73 -0.19	32.85 -0.65 -0.49	33.22 -0.61 -0.36	29.36 -0.65 -0.44	28.19 -0.58 -0.81	28.15 -0.60 -3.38	31.68 -0.71 -0.34	18.51 -0.55 -4.60	17.32 -0.51 -4.05	24.19 -0.86 -0.71	26.03 -0.97 -0.84	25.63 -0.88 -2.23	25.69 -1.00 -2.83	23.68 -0.78 -4.51	26.13 -0.93 -4.44	32.60 -1.27 -3.31	33.33 -1.19 -2.50	3.57 0.41 -18.10	5.14 0.14 -16.06	7.46 0.15 -18.92	18.40 -0.05 -10.89	8.51 0.04 -11.77	6.06 0.05 -10.14	2.72 0.02 -12.41
WALDEN___HYDRO 24148	39.61 1.64 -0.67	36.22 1.43 -1.78	36.20 1.43 -1.29	32.36 1.19 -1.59	32.02 1.12 -2.94	38.65 1.03 -12.25	34.60 1.31 -1.22	31.76 0.62 -16.67	29.08 0.62 -14.68	28.03 1.12 -2.56	30.43 1.22 -3.05	33.55 1.19 -8.09	35.29 1.17 -10.25	37.27 0.98 -16.33	39.77 1.06 -16.08	44.15 1.44 -12.14	42.84 1.62 -9.21	49.89 -0.77 -65.59	46.57 -0.59 -58.21	56.34 -0.63 -68.58	47.43 0.40 -39.46	39.18 -0.17 -42.66	32.40 -0.22 -36.74	34.82 -0.46 -45.00
WARRENSBURG____ 23737	40.57 2.42 -0.86	37.35 2.08 -2.26	37.35 2.23 -1.64	33.58 1.99 -2.01	33.58 1.89 -3.73	42.66 1.73 -15.56	35.82 2.21 -1.55	36.67 1.02 -21.18	33.36 0.93 -18.66	29.15 1.55 -3.25	31.60 1.57 -3.87	36.16 1.61 -10.28	38.43 1.54 -13.03	41.74 1.03 -20.75	44.02 0.96 -20.43	46.96 0.97 -15.43	44.76 1.04 -11.70	67.91 -0.49 -83.33	62.56 -0.34 -73.96	75.18 -0.34 -87.13	57.90 0.21 -50.13	50.82 -0.08 -54.20	42.44 -0.11 -46.68	46.89 -0.56 -57.17

WATERSIDE___6 8 9 23538	39.55 1.57 -0.69	36.22 1.39 -1.82	36.17 1.38 -1.32	32.32 1.12 -1.62	32.03 1.07 -3.00	38.83 0.94 -12.52	34.54 1.23 -1.25	32.10 0.59 -17.04	29.39 0.61 -15.01	28.09 1.13 -2.62	30.53 1.26 -3.12	33.77 1.23 -8.26	35.55 1.20 -10.48	37.65 1.00 -16.69	40.14 1.08 -16.43	44.34 1.37 -12.41	42.95 1.52 -9.41	51.38 -0.71 -67.02	47.88 -0.54 -59.48	57.87 -0.59 -70.08	48.26 0.38 -40.32	40.12 -0.17 -43.59	33.21 -0.21 -37.54	35.83 -0.43 -45.98
WATKINRD_115KV_LN8_ILLION 55919	37.76 0.44 -0.02	33.45 0.38 -0.06	33.89 0.37 -0.04	29.96 0.32 -0.05	28.36 0.31 -0.09	26.04 0.27 -0.40	32.45 0.35 -0.04	15.18 0.18 -0.54	14.38 0.13 -0.48	24.64 0.21 -0.08	26.48 0.22 -0.10	24.75 0.22 -0.26	24.44 0.24 -0.33	20.70 0.22 -0.53	23.42 0.26 -0.52	31.19 0.24 -0.40	32.67 0.35 -0.30	-12.97 -0.17 -2.13	-9.28 -0.10 -1.89	-9.51 -0.12 -2.23	8.87 0.03 -1.28	-1.94 -0.02 -1.38	-2.96 -0.02 -1.19	-8.30 -0.04 -1.46
WATSON___69_KV_BK 1 55734	71.70 3.47 -30.93	53.12 3.06 -17.05	53.19 3.09 -16.63	33.68 2.48 -1.62	33.29 2.33 -3.00	64.56 2.28 -36.90	53.22 2.87 -18.29	71.07 1.33 -55.28	37.85 1.27 -22.80	34.32 2.28 -7.69	34.05 2.49 -5.41	39.16 2.38 -12.50	38.25 2.25 -12.13	38.62 1.87 -16.80	41.97 2.12 -17.22	45.77 2.80 -12.41	63.12 3.10 -28.01	50.66 -1.44 -67.03	47.32 -1.11 -59.50	57.29 -1.19 -70.09	48.65 0.76 -40.33	39.98 -0.32 -43.60	33.03 -0.39 -37.55	35.44 -0.83 -45.99
WDELAWARE___HYD 323627	39.04 1.11 -0.63	35.65 0.96 -1.67	35.64 0.95 -1.22	31.84 0.77 -1.49	31.45 0.72 -2.77	37.57 0.67 -11.53	34.09 0.88 -1.15	30.58 0.43 -15.69	28.03 0.43 -13.82	27.56 0.80 -2.41	29.93 0.90 -2.87	32.78 0.89 -7.61	34.39 0.88 -9.65	36.07 0.74 -15.37	38.51 0.75 -15.14	43.06 1.08 -11.43	41.91 1.23 -8.67	46.20 -0.60 -61.73	43.27 -0.46 -54.79	52.44 -0.49 -64.55	45.01 0.31 -37.14	36.72 -0.13 -40.15	30.29 -0.16 -34.58	32.31 -0.33 -42.35
WEST BABYLON___IC 23714	70.69 3.28 -30.12	52.50 2.89 -16.59	52.56 2.91 -16.18	33.52 2.33 -1.62	33.14 2.18 -3.00	63.43 2.14 -35.92	53.25 2.69 -18.49	69.85 1.24 -54.15	38.38 1.20 -23.40	34.87 2.15 -8.37	34.68 2.37 -6.16	39.86 2.25 -13.34	39.13 2.14 -13.12	38.57 1.76 -16.86	41.84 2.00 -17.21	45.59 2.62 -12.41	62.37 2.90 -27.45	50.75 -1.35 -67.03	47.39 -1.05 -59.50	57.37 -1.11 -70.09	48.61 0.71 -40.33	39.99 -0.30 -43.60	33.05 -0.38 -37.55	35.48 -0.79 -45.99
WEST CANADA___HYD 24049	37.37 0.05 -0.02	33.12 0.04 -0.06	33.57 0.06 -0.04	29.70 0.07 -0.05	28.11 0.06 -0.09	25.82 0.05 -0.40	32.17 0.07 -0.04	15.04 0.03 -0.54	14.28 0.03 -0.48	24.47 0.04 -0.08	26.29 0.04 -0.10	24.56 0.02 -0.26	24.23 0.03 -0.33	20.51 0.02 -0.53	23.19 0.04 -0.52	30.98 0.03 -0.40	32.31 0.00 -0.30	-12.78 0.02 -2.13	-9.13 0.04 -1.89	-9.34 0.05 -2.23	8.81 -0.03 -1.28	-1.90 0.01 -1.38	-2.92 0.02 -1.19	-8.22 0.03 -1.46
WESTERN_NY_WIND 24143	37.54 0.07 -0.17	33.50 0.03 -0.45	33.93 0.12 -0.33	29.99 0.00 -0.40	28.75 0.05 -0.75	28.46 -0.04 -3.13	32.40 0.03 -0.31	18.51 -0.20 -4.26	17.34 -0.18 -3.75	24.62 -0.38 -0.65	26.35 -0.59 -0.78	25.91 -0.43 -2.06	25.97 -0.51 -2.62	23.73 -0.39 -4.17	26.23 -0.50 -4.10	33.15 -0.48 -3.07	34.11 -0.23 -2.32	1.75 -0.06 -16.74	3.59 -0.20 -14.85	5.68 -0.21 -17.50	17.81 0.18 -10.07	7.53 -0.05 -10.88	5.20 -0.06 -9.37	1.58 -0.19 -11.48
WESTOVER___LESR 323668	37.71 0.12 -0.30	33.92 0.12 -0.78	34.16 0.12 -0.57	30.32 0.05 -0.70	29.31 0.06 -1.29	30.79 0.05 -5.37	32.69 0.09 -0.53	21.80 0.02 -7.31	20.22 0.00 -6.44	25.47 0.00 -1.13	27.47 -0.03 -1.34	27.81 -0.02 -3.55	28.26 -0.10 -4.50	27.02 -0.10 -7.16	29.55 -0.13 -7.05	35.81 -0.07 -5.32	36.07 0.02 -4.04	13.84 0.00 -28.77	14.42 -0.05 -25.54	18.40 -0.07 -30.09	24.95 0.07 -17.31	15.39 -0.03 -18.71	11.96 -0.03 -16.12	9.90 -0.12 -19.74
WETHRSFD_WT_PWR 323626	36.42 -1.08 -0.20	32.65 -0.90 -0.53	32.89 -0.97 -0.39	29.13 -0.92 -0.48	28.03 -0.81 -0.88	28.28 -0.77 -3.68	31.46 -0.97 -0.37	18.88 -0.60 -5.01	17.60 -0.59 -4.41	24.16 -0.96 -0.77	25.99 -1.08 -0.92	25.69 -1.01 -2.43	25.81 -1.13 -3.08	23.95 -0.92 -4.91	26.31 -1.14 -4.83	32.64 -1.53 -3.61	33.13 -1.63 -2.74	5.47 0.69 -19.70	6.83 0.41 -17.48	9.40 0.42 -20.60	19.13 -0.29 -11.85	9.64 0.13 -12.81	7.06 0.15 -11.03	4.04 0.24 -13.51
WHAVSTOR_138KV_BK127 55557	39.32 1.36 -0.67	35.96 1.19 -1.76	35.93 1.18 -1.28	32.11 0.96 -1.57	31.78 0.91 -2.91	38.32 0.82 -12.13	34.32 1.05 -1.21	31.48 0.50 -16.52	28.83 0.50 -14.55	27.82 0.93 -2.54	30.24 1.06 -3.02	33.33 1.05 -8.01	35.04 1.02 -10.16	36.99 0.85 -16.18	39.47 0.91 -15.93	43.75 1.16 -12.03	42.43 1.28 -9.13	49.44 -0.62 -64.98	46.15 -0.47 -57.68	55.82 -0.52 -67.95	46.99 0.32 -39.09	38.81 -0.15 -42.27	32.09 -0.19 -36.40	34.47 -0.40 -44.58
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	39.32 1.36 -0.67	35.96 1.19 -1.76	35.93 1.18 -1.28	32.11 0.96 -1.57	31.78 0.91 -2.91	38.32 0.82 -12.13	34.32 1.05 -1.21	31.48 0.50 -16.52	28.83 0.50 -14.55	27.82 0.93 -2.54	30.24 1.06 -3.02	33.33 1.05 -8.01	35.04 1.02 -10.16	36.99 0.85 -16.18	39.47 0.91 -15.93	43.75 1.16 -12.03	42.43 1.28 -9.13	49.44 -0.62 -64.98	46.15 -0.47 -57.68	55.82 -0.52 -67.95	46.99 0.32 -39.09	38.81 -0.15 -42.27	32.09 -0.19 -36.40	34.47 -0.40 -44.58
WHITEHAL_115KV_TB1 80871	40.82 2.67 -0.86	37.52 2.24 -2.26	37.44 2.32 -1.64	33.70 2.10 -2.01	33.86 2.18 -3.73	42.95 2.03 -15.54	36.17 2.56 -1.55	36.78 1.16 -21.15	33.44 1.03 -18.63	29.34 1.74 -3.25	31.93 1.91 -3.87	36.61 2.07 -10.26	38.90 2.03 -13.01	42.28 1.60 -20.72	44.79 1.76 -20.40	47.99 2.02 -15.41	45.84 2.14 -11.69	67.27 -1.02 -83.22	62.09 -0.71 -73.86	74.72 -0.69 -87.02	58.03 0.41 -50.06	50.67 -0.15 -54.13	42.31 -0.18 -46.62	46.77 -0.61 -57.09
WHITEPLN_13_KV_LOAD 356215	39.89 1.91 -0.69	36.49 1.66 -1.82	36.45 1.66 -1.32	32.57 1.37 -1.62	32.26 1.31 -3.00	39.04 1.18 -12.49	34.81 1.51 -1.24	32.19 0.72 -17.01	29.47 0.72 -14.98	28.28 1.33 -2.61	30.75 1.48 -3.11	33.95 1.43 -8.25	35.71 1.38 -10.46	37.78 1.16 -16.66	40.30 1.27 -16.40	44.58 1.64 -12.39	43.20 1.79 -9.40	51.11 -0.86 -66.90	47.67 -0.65 -59.38	57.64 -0.70 -69.95	48.25 0.43 -40.25	40.01 -0.19 -43.51	33.11 -0.24 -37.48	35.66 -0.52 -45.90
WM_FLOYD_69_KV_BK2 356380	71.97 3.41 -31.27	53.26 3.02 -17.23	53.34 3.05 -16.82	33.63 2.43 -1.62	33.24 2.29 -3.00	64.94 2.25 -37.31	53.04 2.84 -18.14	71.52 1.31 -55.74	37.52 1.25 -22.49	33.93 2.24 -7.34	33.62 2.45 -5.02	38.67 2.33 -12.06	37.67 2.17 -11.64	38.55 1.82 -16.77	41.89 2.05 -17.22	45.73 2.76 -12.41	63.33 3.08 -28.23	50.67 -1.43 -67.03	47.33 -1.11 -59.50	57.31 -1.17 -70.09	48.65 0.76 -40.33	39.99 -0.30 -43.60	33.04 -0.38 -37.55	35.47 -0.80 -45.99
WOODARD___115KV_TB2 355635	37.03 -0.40 -0.13	32.99 -0.37 -0.35	33.35 -0.38 -0.25	29.53 -0.36 -0.31	28.21 -0.33 -0.58	27.49 -0.29 -2.41	31.95 -0.35 -0.24	17.59 -0.16 -3.28	16.51 -0.16 -2.89	24.56 -0.29 -0.50	26.43 -0.33 -0.60	25.57 -0.29 -1.59	25.58 -0.30 -2.02	22.92 -0.24 -3.22	25.50 -0.29 -3.17	32.64 -0.31 -2.39	33.59 -0.24 -1.81	-1.94 0.08 -12.91	0.42 0.03 -11.46	1.91 0.03 -13.50	15.32 -0.02 -7.77	5.10 0.01 -8.40	3.13 0.02 -7.23	-0.82 0.04 -8.86

YORK__WARBASSE	39.75	36.38	36.32	32.45	32.15	38.94	34.68	32.17	29.46	28.22	30.67	33.91	35.68	37.76	40.27	44.50	43.13	51.30	47.81	57.80	48.31	40.10	33.18	35.77
23770	1.76	1.55	1.53	1.25	1.19	1.05	1.38	0.67	0.68	1.26	1.40	1.37	1.34	1.11	1.21	1.53	1.69	-0.79	-0.61	-0.66	0.43	-0.19	-0.23	-0.49
	-0.69	-1.82	-1.32	-1.62	-3.00	-12.52	-1.25	-17.04	-15.01	-2.62	-3.12	-8.26	-10.48	-16.69	-16.43	-12.41	-9.41	-67.02	-59.48	-70.08	-40.32	-43.59	-37.54	-45.98