

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

11/27/2023

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	32.48	29.55	31.26	30.73	31.35	29.23	28.00	38.19	32.60	28.97	34.05	29.67	28.84	37.62	36.41	39.12	38.98	95.01	63.56	43.75	48.47	41.28	35.46	28.88
24138	-0.36	-0.19	-0.29	-0.30	-0.29	-0.32	0.74	1.51	0.83	0.45	1.55	1.69	1.67	1.90	1.31	1.30	1.89	-0.62	3.69	2.00	-0.25	-0.08	0.36	0.83
	-39.97	-33.92	-37.98	-37.96	-38.34	-36.13	-14.34	-10.51	-17.47	-21.41	-9.64	-2.48	-2.62	-8.00	-15.72	-18.07	-8.93	-104.95	-0.70	-9.30	-52.75	-42.60	-29.03	-13.05
74TH STREET_GT_1	32.48	29.55	31.26	30.73	31.35	29.23	28.00	38.20	32.59	28.97	34.02	29.65	28.82	37.58	36.39	39.10	38.95	95.03	63.53	43.75	48.48	41.28	35.46	28.89
24260	-0.37	-0.20	-0.29	-0.31	-0.30	-0.33	0.74	1.51	0.81	0.45	1.52	1.67	1.65	1.86	1.29	1.28	1.86	-0.60	3.67	2.00	-0.25	-0.08	0.36	0.84
	-39.98	-33.92	-37.99	-37.97	-38.34	-36.14	-14.34	-10.53	-17.48	-21.42	-9.64	-2.48	-2.62	-8.00	-15.72	-18.07	-8.93	-104.97	-0.71	-9.30	-52.75	-42.60	-29.04	-13.05
74TH STREET_GT_2	32.48	29.55	31.26	30.73	31.35	29.23	28.00	38.20	32.59	28.97	34.02	29.65	28.82	37.58	36.39	39.10	38.95	95.03	63.53	43.75	48.48	41.28	35.46	28.89
24261	-0.37	-0.20	-0.29	-0.31	-0.30	-0.33	0.74	1.51	0.81	0.45	1.52	1.67	1.65	1.86	1.29	1.28	1.86	-0.60	3.67	2.00	-0.25	-0.08	0.36	0.84
	-39.98	-33.92	-37.99	-37.97	-38.34	-36.14	-14.34	-10.53	-17.48	-21.42	-9.64	-2.48	-2.62	-8.00	-15.72	-18.07	-8.93	-104.97	-0.71	-9.30	-52.75	-42.60	-29.04	-13.05
ADK HUDSON___FALLS	42.05	37.66	40.31	39.77	40.48	37.84	32.00	42.90	38.82	35.14	37.19	30.46	29.82	39.87	40.59	44.37	41.63	124.92	63.54	46.02	63.46	53.34	43.51	32.23
24011	-0.43	-0.27	-0.41	-0.42	-0.42	-0.42	0.99	2.10	1.17	0.52	1.58	1.75	1.62	1.63	0.97	0.91	1.33	-0.45	2.83	1.49	-0.17	-0.05	0.21	0.49
	-49.61	-42.10	-47.14	-47.12	-47.59	-44.85	-18.09	-14.63	-23.36	-27.52	-12.76	-3.22	-3.65	-10.52	-20.25	-23.72	-12.13	-134.69	-1.55	-12.07	-67.65	-54.63	-37.23	-16.74
ADK RESOURCE___RCVRY	42.06	37.66	40.31	39.77	40.48	37.82	32.12	43.11	38.94	35.22	37.40	30.69	30.08	40.16	40.77	44.56	41.90	124.91	64.09	46.29	63.47	53.36	43.56	32.31
23798	-0.45	-0.29	-0.43	-0.45	-0.44	-0.46	1.11	2.36	1.32	0.58	1.78	1.98	1.88	1.91	1.13	1.09	1.60	-0.53	3.37	1.75	-0.19	-0.06	0.24	0.57
	-49.64	-42.12	-47.17	-47.14	-47.61	-44.87	-18.09	-14.58	-23.32	-27.54	-12.76	-3.22	-3.66	-10.53	-20.26	-23.73	-12.14	-134.77	-1.55	-12.08	-67.69	-54.66	-37.25	-16.75
ADK S GLENS___FALLS	42.05	37.66	40.31	39.77	40.48	37.84	32.00	42.90	38.82	35.14	37.19	30.46	29.82	39.87	40.59	44.37	41.63	124.92	63.54	46.02	63.46	53.34	43.51	32.23
24028	-0.43	-0.27	-0.41	-0.42	-0.42	-0.42	0.99	2.10	1.17	0.52	1.58	1.75	1.62	1.63	0.97	0.91	1.33	-0.45	2.83	1.49	-0.17	-0.05	0.21	0.49
	-49.61	-42.10	-47.14	-47.12	-47.59	-44.85	-18.09	-14.63	-23.36	-27.52	-12.76	-3.22	-3.65	-10.52	-20.25	-23.72	-12.13	-134.69	-1.55	-12.07	-67.65	-54.63	-37.23	-16.74
ADK_NYS___DAM	40.57	36.38	38.87	38.32	39.04	36.53	31.01	41.54	37.51	33.99	36.16	29.70	29.14	39.12	39.81	43.57	41.02	120.38	63.22	45.50	61.15	51.48	42.31	31.86
23527	-0.30	-0.19	-0.31	-0.34	-0.31	-0.28	0.59	1.26	0.67	0.30	0.98	1.09	1.06	1.24	0.87	0.91	1.14	-0.42	2.56	1.38	-0.18	-0.06	0.27	0.69
	-48.00	-40.73	-45.61	-45.59	-46.04	-43.39	-17.49	-14.11	-22.55	-26.59	-12.32	-3.11	-3.53	-10.16	-19.57	-22.91	-11.72	-130.13	-1.50	-11.67	-65.35	-52.78	-35.97	-16.17
AIR_PRODUCTS___DRP	41.03	36.71	39.33	38.80	39.50	36.96	30.69	40.76	37.26	33.99	35.56	29.06	28.51	38.27	39.34	43.08	40.29	121.75	61.27	44.61	61.82	51.96	42.38	31.48
24190	-0.04	-0.03	-0.05	-0.06	-0.05	-0.03	0.17	0.27	0.15	0.09	0.27	0.43	0.40	0.31	0.25	0.23	0.31	-0.11	0.60	0.39	-0.04	-0.01	0.05	0.18
	-48.20	-40.90	-45.81	-45.78	-46.23	-43.58	-17.59	-14.33	-22.82	-26.81	-12.42	-3.13	-3.56	-10.25	-19.72	-23.10	-11.81	-131.18	-1.51	-11.76	-65.88	-53.21	-36.26	-16.30
AKWESSNE_115KV_BK	-4.80	-2.40	-4.30	-4.83	-4.60	-4.55	11.31	18.47	8.83	-4.26	2.71	22.73	17.67	24.72	17.78	17.95	25.12	-12.91	54.32	30.70	-1.82	0.43	6.91	14.93
355683	0.69	0.38	0.57	0.54	0.51	0.55	-1.08	-2.65	-1.54	-0.74	-2.54	-2.86	-3.00	-3.31	-2.18	-2.48	-3.40	1.15	-4.66	-2.11	0.25	0.09	-0.24	-0.55
	-1.64	-1.39	-1.56	-1.56	-1.57	-1.48	0.54	5.05	3.92	10.62	17.62	-0.09	3.88	-0.30	-0.59	-0.69	-0.35	4.73	0.18	-0.35	-1.96	-1.58	-1.08	-0.49
ALBANY___1	41.03	36.71	39.33	38.80	39.50	36.96	30.69	40.76	37.26	33.99	35.56	29.06	28.51	38.27	39.34	43.08	40.29	121.75	61.27	44.61	61.82	51.96	42.38	31.48
23571	-0.04	-0.03	-0.05	-0.06	-0.05	-0.03	0.17	0.27	0.15	0.09	0.27	0.43	0.40	0.31	0.25	0.23	0.31	-0.11	0.60	0.39	-0.04	-0.01	0.05	0.18
	-48.20	-40.90	-45.81	-45.78	-46.23	-43.58	-17.59	-14.33	-22.82	-26.81	-12.42	-3.13	-3.56	-10.25	-19.72	-23.10	-11.81	-131.18	-1.51	-11.76	-65.88	-53.21	-36.26	-16.30
ALBANY___2	41.03	36.71	39.33	38.80	39.50	36.96	30.69	40.76	37.26	33.99	35.56	29.06	28.51	38.27	39.34	43.08	40.29	121.75	61.27	44.61	61.82	51.96	42.38	31.48
23572	-0.04	-0.03	-0.05	-0.06	-0.05	-0.03	0.17	0.27	0.15	0.09	0.27	0.43	0.40	0.31	0.25	0.23	0.31	-0.11	0.60	0.39	-0.04	-0.01	0.05	0.18
	-48.20	-40.90	-45.81	-45.78	-46.23	-43.58	-17.59	-14.33	-22.82	-26.81	-12.42	-3.13	-3.56	-10.25	-19.72	-23.10	-11.81	-131.18	-1.51	-11.76	-65.88	-53.21	-36.26	-16.30
ALBANY___3	41.03	36.71	39.33	38.80	39.50	36.96	30.69	40.76	37.26	33.99	35.56	29.06	28.51	38.27	39.34	43.08	40.29	121.75	61.27	44.61	61.82	51.96	42.38	31.48
23573	-0.04	-0.03	-0.05	-0.06	-0.05	-0.03	0.17	0.27	0.15	0.09	0.27	0.43	0.40	0.31	0.25	0.23	0.31	-0.11	0.60	0.39	-0.04	-0.01	0.05	0.18
	-48.20	-40.90	-45.81	-45.78	-46.23	-43.58	-17.59	-14.33	-22.82	-26.81	-12.42	-3.13	-3.56	-10.25	-19.72	-23.10	-11.81	-131.18	-1.51	-11.76	-65.88	-53.21	-36.26	-16.30

ALBANY___4 23574	41.03 -0.04 -48.20	36.71 -0.03 -40.90	39.33 -0.05 -45.81	38.80 -0.06 -45.78	39.50 -0.05 -46.23	36.96 -0.03 -43.58	30.69 0.17 -17.59	40.76 0.27 -14.33	37.26 0.15 -22.82	33.99 0.09 -26.81	35.56 0.27 -12.42	29.06 0.43 -3.13	28.51 0.40 -3.56	38.27 0.31 -10.25	39.34 0.25 -19.72	43.08 0.23 -23.10	40.29 0.31 -11.81	121.75 -0.11 -131.18	61.27 0.60 -1.51	44.61 0.39 -11.76	61.82 -0.04 -65.88	51.96 -0.01 -53.21	42.38 0.05 -36.26	31.48 0.18 -16.30
ALBANY___LFGE 323615	41.35 -0.12 -48.60	37.00 -0.07 -41.24	39.63 -0.12 -46.18	39.10 -0.13 -46.16	39.80 -0.12 -46.62	37.25 -0.10 -43.94	30.97 0.31 -17.74	41.21 0.60 -14.44	37.61 0.33 -22.99	34.27 0.17 -27.00	35.92 0.55 -12.51	29.35 0.70 -3.15	28.79 0.66 -3.59	38.69 0.65 -10.32	39.72 0.48 -19.87	43.49 0.48 -23.26	40.73 0.66 -11.90	122.59 -0.22 -132.14	62.00 1.31 -1.52	45.07 0.77 -11.85	62.25 -0.09 -66.37	52.33 -0.02 -53.60	42.72 0.12 -36.53	31.76 0.33 -16.42
ALCOA_PA_115KV_PL-6C 55860	-4.77 0.63 -1.73	-2.36 0.34 -1.47	-4.28 0.51 -1.65	-4.80 0.48 -1.65	-4.57 0.46 -1.66	-4.52 0.50 -1.57	11.49 -0.97 0.46	18.90 -2.44 4.83	9.14 -1.43 3.72	-3.99 -0.68 10.41	3.19 -2.34 17.34	22.94 -2.65 -0.10	17.94 -2.78 3.82	24.97 -3.07 -0.32	17.97 -2.01 -0.62	18.16 -2.31 -0.73	25.38 -3.15 -0.37	-12.65 1.07 4.39	54.84 -4.15 0.17	30.98 -1.84 -0.37	-1.74 0.22 -2.07	0.51 0.08 -1.67	7.02 -0.19 -1.14	15.08 -0.43 -0.51
ALCOA_RYNLDS___DRP 24188	-4.77 0.63 -1.73	-2.36 0.34 -1.47	-4.28 0.51 -1.65	-4.80 0.48 -1.65	-4.57 0.46 -1.66	-4.52 0.50 -1.57	11.49 -0.97 0.46	18.90 -2.44 4.83	9.14 -1.43 3.72	-3.99 -0.68 10.41	3.19 -2.34 17.34	22.94 -2.65 -0.10	17.94 -2.78 3.82	24.97 -3.07 -0.32	17.97 -2.01 -0.62	18.16 -2.31 -0.73	25.38 -3.15 -0.37	-12.65 1.07 4.39	54.84 -4.15 0.17	30.98 -1.84 -0.37	-1.74 0.22 -2.07	0.51 0.08 -1.67	7.02 -0.19 -1.14	15.08 -0.43 -0.51
ALCOA___DSASP 323711	-4.77 0.63 -1.73	-2.36 0.34 -1.47	-4.28 0.51 -1.65	-4.80 0.48 -1.65	-4.57 0.46 -1.66	-4.52 0.50 -1.57	11.49 -0.98 0.46	19.40 -1.94 4.83	9.41 -1.17 3.72	-3.99 -0.69 10.41	3.19 -2.33 17.34	22.94 -2.65 -0.10	17.95 -2.78 3.82	24.95 -3.09 -0.32	17.97 -2.02 -0.62	18.16 -2.31 -0.73	25.38 -3.16 -0.37	-12.57 1.15 4.39	54.84 -4.15 0.17	30.98 -1.84 -0.37	-1.74 0.22 -2.07	0.51 0.08 -1.67	7.02 -0.19 -1.14	15.08 -0.43 -0.51
ALLEGHENY___COGEN 23514	3.87 -0.26 -11.26	5.26 -0.13 -9.56	4.11 -0.17 -10.70	3.60 -0.17 -10.70	3.93 -0.18 -10.80	3.37 -0.22 -10.18	17.15 0.47 -3.76	29.18 1.10 -1.91	18.39 0.62 -3.48	12.42 0.31 -5.01	23.98 0.77 -0.35	26.63 0.71 -0.42	24.47 0.80 0.88	29.53 1.15 -0.66	23.68 0.76 -3.55	22.12 0.63 -1.74	27.62 0.81 1.36	16.77 -0.29 -26.39	57.31 1.43 3.28	34.77 0.72 -1.59	9.40 -0.09 -13.52	9.64 -0.04 -10.92	13.67 0.16 -7.44	18.75 0.41 -3.35
ALTAMONT_115KV_TB 2 55880	40.93 -0.16 -48.22	36.65 -0.10 -40.92	39.24 -0.15 -45.82	38.70 -0.16 -45.79	39.40 -0.15 -46.25	36.86 -0.14 -43.59	30.87 0.34 -17.61	41.22 0.66 -14.39	37.54 0.36 -22.90	34.15 0.19 -26.87	35.92 0.60 -12.45	29.34 0.70 -3.14	28.76 0.65 -3.57	38.69 0.70 -10.27	39.65 0.51 -19.77	43.42 0.52 -23.15	40.73 0.73 -11.83	121.86 -0.25 -131.43	62.17 1.50 -1.51	45.09 0.86 -11.78	61.88 -0.10 -66.01	52.03 -0.03 -53.31	42.54 0.15 -36.33	31.70 0.36 -16.33
ALTONA_WT_PWR 323606	-4.70 0.80 -1.63	-2.32 0.46 -1.38	-4.19 0.69 -1.55	-4.83 0.55 -1.55	-4.65 0.48 -1.57	-4.64 0.48 -1.48	11.54 -0.95 0.43	19.53 -2.09 4.55	9.40 -1.39 3.50	-7.79 -0.79 14.10	-2.99 -2.73 23.12	22.44 -3.15 -0.09	16.41 -3.03 5.10	24.55 -3.47 -0.30	17.64 -2.31 -0.58	17.80 -2.63 -0.68	25.15 -3.37 -0.35	-15.53 1.19 7.39	54.47 -4.45 0.25	31.13 -1.67 -0.35	-1.84 0.23 -1.95	0.40 0.06 -1.58	6.91 -0.22 -1.07	14.85 -0.63 -0.48
AMERICAN_REF_FUEL 24010	3.44 0.13 -10.44	4.75 0.07 -8.86	3.64 0.15 -9.92	3.15 0.17 -9.91	3.47 0.15 -10.01	2.95 0.10 -9.43	13.08 -0.38 -0.53	14.68 -0.93 10.55	5.67 -0.54 8.08	10.10 -0.23 -3.23	15.53 -0.79 6.54	24.35 -0.86 0.29	17.84 -0.87 5.83	22.92 -0.90 3.89	20.32 -0.79 -1.75	11.11 -0.88 7.76	13.70 -1.42 13.05	13.87 0.43 -22.77	41.10 -3.81 14.25	29.21 -2.15 1.09	8.74 0.24 -12.52	8.94 0.07 -10.11	12.70 -0.25 -6.89	17.63 -0.47 -3.10
ARKWRIGHT___SUMMIT_WT_PWR 323751	4.09 0.07 -11.16	5.40 0.10 -9.47	4.32 0.15 -10.60	3.84 0.17 -10.60	4.17 0.16 -10.70	3.56 0.06 -10.09	14.47 -0.28 -1.83	20.00 -0.70 5.47	10.27 -0.40 3.62	10.65 -0.11 -3.66	16.79 -0.14 5.93	25.02 -0.28 0.20	18.78 -0.31 5.46	23.88 -0.37 3.47	21.01 -0.46 -2.10	12.30 -0.60 6.85	15.08 -0.95 12.13	15.57 0.30 -24.60	43.64 -2.01 13.51	30.36 -1.33 0.77	9.50 0.14 -13.38	9.61 0.05 -10.81	13.33 -0.10 -7.37	18.35 0.04 -3.31
ARTHUR_KILL_GT_1 23520	32.50 -0.34 -39.98	29.59 -0.17 -33.92	31.32 -0.24 -37.99	30.79 -0.25 -37.97	31.42 -0.24 -38.34	29.29 -0.26 -36.14	27.80 0.59 -14.28	37.71 1.29 -10.25	32.27 0.73 -17.25	28.89 0.38 -21.42	33.77 1.27 -9.64	29.29 1.31 -2.48	28.51 1.34 -2.62	37.26 1.53 -8.00	36.19 1.09 -15.72	38.84 1.02 -18.07	38.62 1.52 -8.93	95.14 -0.49 -104.97	62.89 3.02 -0.71	43.46 1.71 -9.30	48.52 -0.21 -52.75	41.29 -0.07 -42.60	35.43 0.33 -29.04	28.83 0.78 -13.05
ARTHUR_KILL_2 23512	32.53 -0.32 -39.98	29.60 -0.15 -33.92	31.34 -0.22 -37.99	30.81 -0.22 -37.97	31.44 -0.21 -38.34	29.31 -0.24 -36.14	27.74 0.54 -14.28	37.61 1.19 -10.25	32.23 0.69 -17.25	28.87 0.35 -21.42	33.69 1.19 -9.64	29.21 1.24 -2.48	28.42 1.26 -2.62	37.16 1.44 -8.00	36.13 1.03 -15.72	38.77 0.95 -18.07	38.52 1.43 -8.93	95.19 -0.45 -104.97	62.67 2.80 -0.71	43.35 1.59 -9.30	48.53 -0.20 -52.75	41.30 -0.06 -42.60	35.41 0.31 -29.04	28.78 0.73 -13.05
ARTHUR_KILL_3 23513	32.56 -0.28 -39.97	29.60 -0.15 -33.92	31.33 -0.22 -37.98	30.80 -0.24 -37.96	31.42 -0.23 -38.34	29.30 -0.25 -36.14	27.77 0.58 -14.26	37.49 1.18 -10.15	32.10 0.65 -17.16	28.87 0.35 -21.41	33.72 1.23 -9.64	29.29 1.31 -2.48	28.47 1.30 -2.62	37.18 1.46 -8.00	36.11 1.02 -15.72	38.82 1.00 -18.07	38.54 1.44 -8.93	95.16 -0.47 -104.96	62.62 2.76 -0.70	43.27 1.51 -9.30	48.53 -0.19 -52.75	41.29 -0.07 -42.60	35.38 0.28 -29.03	28.69 0.64 -13.05
ARTHUR_KILL_COGEN 323718	32.50 -0.34 -39.98	29.59 -0.17 -33.92	31.32 -0.24 -37.99	30.79 -0.25 -37.97	31.42 -0.24 -38.34	29.29 -0.26 -36.14	27.80 0.59 -14.28	37.71 1.29 -10.25	32.27 0.73 -17.25	28.89 0.38 -21.42	33.77 1.27 -9.64	29.29 1.31 -2.48	28.51 1.34 -2.62	37.26 1.53 -8.00	36.19 1.09 -15.72	38.84 1.02 -18.07	38.62 1.52 -8.93	95.14 -0.49 -104.97	62.89 3.02 -0.71	43.46 1.71 -9.30	48.52 -0.21 -52.75	41.29 -0.07 -42.60	35.43 0.33 -29.04	28.83 0.78 -13.05
ASHOKAN____ 23654	36.60 -0.34 -44.08	33.04 -0.20 -37.40	35.15 -0.30 -41.88	34.60 -0.33 -41.86	35.26 -0.32 -42.27	32.93 -0.32 -39.85	29.66 0.74 -16.00	40.14 1.39 -12.58	35.46 0.90 -20.27	31.59 0.50 -24.00	35.25 1.54 -10.85	30.10 1.82 -2.78	29.02 1.49 -2.98	38.20 1.49 -9.00	38.22 1.23 -17.62	41.39 1.32 -20.32	40.22 1.89 -10.16	108.24 -0.57 -118.14	64.32 4.25 -0.90	45.28 2.34 -10.49	55.09 -0.25 -59.37	46.63 -0.08 -47.95	39.07 0.33 -32.68	30.46 0.77 -14.69

ASTORIA_EAST_ENERGY_CC1 323581	32.58 -0.26 -39.98	29.60 -0.15 -33.91	31.34 -0.22 -37.98	30.81 -0.23 -37.97	31.43 -0.22 -38.34	29.30 -0.26 -36.14	27.91 0.65 -14.34	37.94 1.23 -10.54	32.47 0.69 -17.49	28.88 0.36 -21.42	33.77 1.27 -9.64	29.37 1.39 -2.48	28.55 1.38 -2.62	37.15 1.43 -8.00	36.17 1.07 -15.72	38.77 0.96 -18.07	38.55 1.47 -8.92	95.16 -0.47 -104.96	62.73 2.87 -0.70	43.32 1.57 -9.29	48.52 -0.21 -52.75	41.29 -0.07 -42.60	35.40 0.30 -29.04	28.76 0.71 -13.05
ASTORIA_EAST_ENERGY_CC2 323582	32.58 -0.26 -39.98	29.60 -0.15 -33.91	31.34 -0.22 -37.98	30.81 -0.23 -37.97	31.43 -0.22 -38.34	29.30 -0.26 -36.14	27.91 0.65 -14.34	37.94 1.23 -10.54	32.47 0.69 -17.49	28.88 0.36 -21.42	33.77 1.27 -9.64	29.37 1.39 -2.48	28.55 1.38 -2.62	37.15 1.43 -8.00	36.17 1.07 -15.72	38.77 0.97 -18.07	38.55 1.47 -8.92	95.16 -0.47 -104.96	62.73 2.87 -0.70	43.32 1.57 -9.29	48.52 -0.21 -52.75	41.29 -0.07 -42.60	35.40 0.30 -29.04	28.76 0.71 -13.05
ASTORIA_GT2_1 24094	32.58 -0.27 -39.98	29.60 -0.15 -33.92	31.34 -0.22 -37.99	30.81 -0.23 -37.97	31.43 -0.22 -38.34	29.29 -0.26 -36.14	27.91 0.64 -14.34	37.92 1.21 -10.54	32.43 0.65 -17.49	28.88 0.36 -21.42	33.77 1.27 -9.64	29.38 1.40 -2.48	28.56 1.40 -2.62	37.17 1.45 -8.00	36.18 1.09 -15.72	38.80 0.98 -18.07	38.58 1.48 -8.93	95.16 -0.47 -104.97	62.77 2.90 -0.71	43.34 1.59 -9.30	48.52 -0.21 -52.75	41.29 -0.07 -42.60	35.40 0.30 -29.04	28.77 0.71 -13.05
ASTORIA_GT2_2 24095	32.58 -0.27 -39.98	29.60 -0.15 -33.92	31.34 -0.22 -37.99	30.81 -0.23 -37.97	31.43 -0.22 -38.34	29.29 -0.26 -36.14	27.91 0.64 -14.34	37.92 1.21 -10.54	32.43 0.65 -17.49	28.88 0.36 -21.42	33.77 1.27 -9.64	29.38 1.40 -2.48	28.56 1.40 -2.62	37.17 1.45 -8.00	36.18 1.09 -15.72	38.80 0.98 -18.07	38.58 1.48 -8.93	95.16 -0.47 -104.97	62.77 2.90 -0.71	43.34 1.59 -9.30	48.52 -0.21 -52.75	41.29 -0.07 -42.60	35.40 0.30 -29.04	28.77 0.71 -13.05
ASTORIA_GT2_3 24096	32.58 -0.27 -39.98	29.60 -0.15 -33.92	31.34 -0.22 -37.99	30.81 -0.23 -37.97	31.43 -0.22 -38.34	29.29 -0.26 -36.14	27.91 0.64 -14.34	37.92 1.21 -10.54	32.43 0.65 -17.49	28.88 0.36 -21.42	33.77 1.27 -9.64	29.38 1.40 -2.48	28.56 1.40 -2.62	37.17 1.45 -8.00	36.18 1.09 -15.72	38.80 0.98 -18.07	38.58 1.48 -8.93	95.16 -0.47 -104.97	62.77 2.90 -0.71	43.34 1.59 -9.30	48.52 -0.21 -52.75	41.29 -0.07 -42.60	35.40 0.30 -29.04	28.77 0.71 -13.05
ASTORIA_GT2_4 24097	32.58 -0.27 -39.98	29.60 -0.15 -33.92	31.34 -0.22 -37.99	30.81 -0.23 -37.97	31.43 -0.22 -38.34	29.29 -0.26 -36.14	27.91 0.64 -14.34	37.92 1.21 -10.54	32.43 0.65 -17.49	28.88 0.36 -21.42	33.77 1.27 -9.64	29.38 1.40 -2.48	28.56 1.40 -2.62	37.17 1.45 -8.00	36.18 1.09 -15.72	38.80 0.98 -18.07	38.58 1.48 -8.93	95.16 -0.47 -104.97	62.77 2.90 -0.71	43.34 1.59 -9.30	48.52 -0.21 -52.75	41.29 -0.07 -42.60	35.40 0.30 -29.04	28.77 0.71 -13.05
ASTORIA_GT3_1 24098	32.58 -0.27 -39.98	29.60 -0.15 -33.92	31.34 -0.22 -37.99	30.81 -0.23 -37.97	31.43 -0.22 -38.34	29.29 -0.26 -36.14	27.91 0.64 -14.34	37.92 1.21 -10.54	32.43 0.65 -17.49	28.88 0.36 -21.42	33.77 1.27 -9.64	29.38 1.40 -2.48	28.56 1.40 -2.62	37.17 1.45 -8.00	36.18 1.09 -15.72	38.80 0.98 -18.07	38.58 1.48 -8.93	95.16 -0.47 -104.97	62.77 2.90 -0.71	43.34 1.59 -9.30	48.52 -0.21 -52.75	41.29 -0.07 -42.60	35.40 0.30 -29.04	28.77 0.71 -13.05
ASTORIA_GT3_2 24099	32.58 -0.27 -39.98	29.60 -0.15 -33.92	31.34 -0.22 -37.99	30.81 -0.23 -37.97	31.43 -0.22 -38.34	29.29 -0.26 -36.14	27.91 0.64 -14.34	37.92 1.21 -10.54	32.43 0.65 -17.49	28.88 0.36 -21.42	33.77 1.27 -9.64	29.38 1.40 -2.48	28.56 1.40 -2.62	37.17 1.45 -8.00	36.18 1.09 -15.72	38.80 0.98 -18.07	38.58 1.48 -8.93	95.16 -0.47 -104.97	62.77 2.90 -0.71	43.34 1.59 -9.30	48.52 -0.21 -52.75	41.29 -0.07 -42.60	35.40 0.30 -29.04	28.77 0.71 -13.05
ASTORIA_GT3_3 24100	32.58 -0.27 -39.98	29.60 -0.15 -33.92	31.34 -0.22 -37.99	30.81 -0.23 -37.97	31.43 -0.22 -38.34	29.29 -0.26 -36.14	27.91 0.64 -14.34	37.92 1.21 -10.54	32.43 0.65 -17.49	28.88 0.36 -21.42	33.77 1.27 -9.64	29.38 1.40 -2.48	28.56 1.40 -2.62	37.17 1.45 -8.00	36.18 1.09 -15.72	38.80 0.98 -18.07	38.58 1.48 -8.93	95.16 -0.47 -104.97	62.77 2.90 -0.71	43.34 1.59 -9.30	48.52 -0.21 -52.75	41.29 -0.07 -42.60	35.40 0.30 -29.04	28.77 0.71 -13.05
ASTORIA_GT3_4 24101	32.58 -0.27 -39.98	29.60 -0.15 -33.92	31.34 -0.22 -37.99	30.81 -0.23 -37.97	31.43 -0.22 -38.34	29.29 -0.26 -36.14	27.91 0.64 -14.34	37.92 1.21 -10.54	32.43 0.65 -17.49	28.88 0.36 -21.42	33.77 1.27 -9.64	29.38 1.40 -2.48	28.56 1.40 -2.62	37.17 1.45 -8.00	36.18 1.09 -15.72	38.80 0.98 -18.07	38.58 1.48 -8.93	95.16 -0.47 -104.97	62.77 2.90 -0.71	43.34 1.59 -9.30	48.52 -0.21 -52.75	41.29 -0.07 -42.60	35.40 0.30 -29.04	28.77 0.71 -13.05
ASTORIA_GT4_1 24102	32.58 -0.27 -39.98	29.60 -0.15 -33.92	31.34 -0.22 -37.99	30.81 -0.23 -37.97	31.43 -0.22 -38.34	29.29 -0.26 -36.14	27.91 0.64 -14.34	37.92 1.21 -10.54	32.43 0.65 -17.49	28.88 0.36 -21.42	33.77 1.27 -9.64	29.38 1.40 -2.48	28.56 1.40 -2.62	37.17 1.45 -8.00	36.18 1.09 -15.72	38.80 0.98 -18.07	38.58 1.48 -8.93	95.16 -0.47 -104.97	62.77 2.90 -0.71	43.34 1.59 -9.30	48.52 -0.21 -52.75	41.29 -0.07 -42.60	35.40 0.30 -29.04	28.77 0.71 -13.05
ASTORIA_GT4_2 24103	32.58 -0.27 -39.98	29.60 -0.15 -33.92	31.34 -0.22 -37.99	30.81 -0.23 -37.97	31.43 -0.22 -38.34	29.29 -0.26 -36.14	27.91 0.64 -14.34	37.92 1.21 -10.54	32.43 0.65 -17.49	28.88 0.36 -21.42	33.77 1.27 -9.64	29.38 1.40 -2.48	28.56 1.40 -2.62	37.17 1.45 -8.00	36.18 1.09 -15.72	38.80 0.98 -18.07	38.58 1.48 -8.93	95.16 -0.47 -104.97	62.77 2.90 -0.71	43.34 1.59 -9.30	48.52 -0.21 -52.75	41.29 -0.07 -42.60	35.40 0.30 -29.04	28.77 0.71 -13.05
ASTORIA_GT4_3 24104	32.58 -0.27 -39.98	29.60 -0.15 -33.92	31.34 -0.22 -37.99	30.81 -0.23 -37.97	31.43 -0.22 -38.34	29.29 -0.26 -36.14	27.91 0.64 -14.34	37.92 1.21 -10.54	32.43 0.65 -17.49	28.88 0.36 -21.42	33.77 1.27 -9.64	29.38 1.40 -2.48	28.56 1.40 -2.62	37.17 1.45 -8.00	36.18 1.09 -15.72	38.80 0.98 -18.07	38.58 1.48 -8.93	95.16 -0.47 -104.97	62.77 2.90 -0.71	43.34 1.59 -9.30	48.52 -0.21 -52.75	41.29 -0.07 -42.60	35.40 0.30 -29.04	28.77 0.71 -13.05
ASTORIA_GT4_4 24105	32.58 -0.27 -39.98	29.60 -0.15 -33.92	31.34 -0.22 -37.99	30.81 -0.23 -37.97	31.43 -0.22 -38.34	29.29 -0.26 -36.14	27.91 0.64 -14.34	37.92 1.21 -10.54	32.43 0.65 -17.49	28.88 0.36 -21.42	33.77 1.27 -9.64	29.38 1.40 -2.48	28.56 1.40 -2.62	37.17 1.45 -8.00	36.18 1.09 -15.72	38.80 0.98 -18.07	38.58 1.48 -8.93	95.16 -0.47 -104.97	62.77 2.90 -0.71	43.34 1.59 -9.30	48.52 -0.21 -52.75	41.29 -0.07 -42.60	35.40 0.30 -29.04	28.77 0.71 -13.05
ASTORIA_GT_1 23523	32.56 -0.28 -39.98	29.58 -0.16 -33.91	31.33 -0.23 -37.98	30.79 -0.25 -37.97	31.41 -0.24 -38.34	29.28 -0.27 -36.14	27.95 0.68 -14.34	38.00 1.29 -10.54	32.51 0.73 -17.49	28.90 0.38 -21.42	33.83 1.33 -9.64	29.44 1.46 -2.48	28.62 1.45 -2.62	37.23 1.51 -8.00	36.23 1.13 -15.72	38.84 1.02 -18.07	38.64 1.55 -8.92	95.13 -0.50 -104.96	62.90 3.04 -0.70	43.41 1.66 -9.29	48.51 -0.22 -52.75	41.29 -0.07 -42.60	35.41 0.31 -29.04	28.80 0.74 -13.05

ASTORIA_GT_10 24110	32.53 -0.32 -39.98	29.58 -0.17 -33.92	31.31 -0.25 -37.99	30.78 -0.26 -37.97	31.40 -0.26 -38.34	29.27 -0.28 -36.14	27.90 0.65 -14.33	37.94 1.31 -10.47	32.43 0.71 -17.43	28.91 0.39 -21.42	33.84 1.34 -9.64	29.45 1.47 -2.48	28.63 1.46 -2.62	37.34 1.62 -8.00	36.24 1.15 -15.72	38.93 1.11 -18.07	38.74 1.64 -8.93	95.11 -0.53 -104.97	63.07 3.20 -0.71	43.51 1.75 -9.30	48.51 -0.22 -52.75	41.29 -0.07 -42.60	35.42 0.32 -29.04	28.79 0.73 -13.05
ASTORIA_GT_11 24225	32.53 -0.32 -39.98	29.58 -0.17 -33.92	31.31 -0.25 -37.99	30.78 -0.26 -37.97	31.40 -0.26 -38.34	29.27 -0.28 -36.14	27.90 0.65 -14.33	37.94 1.31 -10.47	32.43 0.71 -17.43	28.91 0.39 -21.42	33.84 1.34 -9.64	29.45 1.47 -2.48	28.63 1.46 -2.62	37.34 1.62 -8.00	36.24 1.15 -15.72	38.93 1.11 -18.07	38.74 1.64 -8.93	95.11 -0.53 -104.97	63.07 3.20 -0.71	43.51 1.75 -9.30	48.51 -0.22 -52.75	41.29 -0.07 -42.60	35.42 0.32 -29.04	28.79 0.73 -13.05
ASTORIA_GT_12 24226	32.53 -0.32 -39.98	29.58 -0.17 -33.92	31.31 -0.25 -37.99	30.78 -0.26 -37.97	31.40 -0.26 -38.34	29.27 -0.28 -36.14	27.90 0.65 -14.33	37.94 1.31 -10.47	32.43 0.71 -17.43	28.91 0.39 -21.42	33.84 1.34 -9.64	29.45 1.47 -2.48	28.63 1.46 -2.62	37.34 1.62 -8.00	36.24 1.15 -15.72	38.93 1.11 -18.07	38.74 1.64 -8.93	95.11 -0.53 -104.97	63.07 3.20 -0.71	43.51 1.75 -9.30	48.51 -0.22 -52.75	41.29 -0.07 -42.60	35.42 0.32 -29.04	28.79 0.73 -13.05
ASTORIA_GT_13 24227	32.53 -0.32 -39.98	29.58 -0.17 -33.92	31.31 -0.25 -37.99	30.78 -0.26 -37.97	31.40 -0.26 -38.34	29.27 -0.28 -36.14	27.90 0.65 -14.33	37.94 1.31 -10.47	32.43 0.71 -17.43	28.91 0.39 -21.42	33.84 1.34 -9.64	29.45 1.47 -2.48	28.63 1.46 -2.62	37.34 1.62 -8.00	36.24 1.15 -15.72	38.93 1.11 -18.07	38.74 1.64 -8.93	95.11 -0.53 -104.97	63.07 3.20 -0.71	43.51 1.75 -9.30	48.51 -0.22 -52.75	41.29 -0.07 -42.60	35.42 0.32 -29.04	28.79 0.73 -13.05
ASTORIA_GT_5 24106	32.56 -0.28 -39.98	29.58 -0.16 -33.91	31.33 -0.23 -37.98	30.79 -0.25 -37.97	31.41 -0.24 -38.34	29.28 -0.27 -36.14	27.95 0.68 -14.34	38.00 1.29 -10.54	32.51 0.73 -17.49	28.90 0.38 -21.42	33.83 1.33 -9.64	29.44 1.46 -2.48	28.62 1.45 -2.62	37.23 1.51 -8.00	36.23 1.13 -15.72	38.84 1.02 -18.07	38.64 1.55 -8.92	95.13 -0.50 -104.96	62.90 3.04 -0.70	43.41 1.66 -9.29	48.51 -0.22 -52.75	41.29 -0.07 -42.60	35.41 0.31 -29.04	28.80 0.74 -13.05
ASTORIA_GT_7 24107	32.56 -0.28 -39.98	29.58 -0.16 -33.91	31.33 -0.23 -37.98	30.79 -0.25 -37.97	31.41 -0.24 -38.34	29.28 -0.27 -36.14	27.95 0.68 -14.34	38.00 1.29 -10.54	32.51 0.73 -17.49	28.90 0.38 -21.42	33.83 1.33 -9.64	29.44 1.46 -2.48	28.62 1.45 -2.62	37.23 1.51 -8.00	36.23 1.13 -15.72	38.84 1.02 -18.07	38.64 1.55 -8.92	95.13 -0.50 -104.96	62.90 3.04 -0.70	43.41 1.66 -9.29	48.51 -0.22 -52.75	41.29 -0.07 -42.60	35.41 0.31 -29.04	28.80 0.74 -13.05
ASTORIA_GT_8 24108	32.56 -0.28 -39.98	29.59 -0.16 -33.92	31.33 -0.23 -37.99	30.79 -0.25 -37.97	31.42 -0.24 -38.34	29.28 -0.27 -36.14	27.94 0.67 -14.34	37.98 1.27 -10.54	32.46 0.68 -17.49	28.90 0.38 -21.42	33.82 1.32 -9.64	29.44 1.46 -2.48	28.62 1.45 -2.62	37.23 1.51 -8.00	36.23 1.13 -15.72	38.84 1.02 -18.07	38.65 1.55 -8.93	95.14 -0.50 -104.97	62.91 3.04 -0.71	43.42 1.67 -9.30	48.51 -0.22 -52.75	41.29 -0.08 -42.60	35.41 0.31 -29.04	28.80 0.74 -13.05
ASTORIA___2 24149	32.57 -0.27 -39.98	29.59 -0.15 -33.91	31.34 -0.22 -37.98	30.80 -0.23 -37.97	31.43 -0.23 -38.34	29.30 -0.26 -36.14	27.92 0.65 -14.34	37.94 1.23 -10.54	32.48 0.70 -17.49	28.88 0.36 -21.42	33.77 1.27 -9.64	29.37 1.40 -2.48	28.56 1.40 -2.62	37.17 1.45 -8.00	36.17 1.08 -15.72	38.78 0.97 -18.07	38.57 1.48 -8.92	95.15 -0.48 -104.96	62.76 2.90 -0.70	43.34 1.59 -9.29	48.52 -0.21 -52.75	41.29 -0.07 -42.60	35.40 0.30 -29.04	28.77 0.71 -13.05
ASTORIA___3 23516	32.52 -0.32 -39.98	29.58 -0.17 -33.92	31.31 -0.25 -37.99	30.77 -0.27 -37.97	31.40 -0.26 -38.34	29.27 -0.28 -36.14	27.90 0.65 -14.33	37.95 1.32 -10.47	32.46 0.73 -17.43	28.91 0.39 -21.42	33.85 1.35 -9.64	29.44 1.47 -2.48	28.63 1.46 -2.62	37.34 1.62 -8.00	36.24 1.15 -15.72	38.93 1.11 -18.07	38.73 1.64 -8.93	95.11 -0.53 -104.97	63.06 3.20 -0.71	43.51 1.75 -9.30	48.51 -0.22 -52.75	41.29 -0.07 -42.60	35.42 0.32 -29.04	28.79 0.73 -13.05
ASTORIA___4 23517	32.53 -0.32 -39.98	29.58 -0.17 -33.92	31.31 -0.25 -37.99	30.78 -0.26 -37.97	31.40 -0.26 -38.34	29.27 -0.28 -36.14	27.90 0.65 -14.33	37.94 1.31 -10.47	32.43 0.71 -17.43	28.91 0.39 -21.42	33.84 1.34 -9.64	29.45 1.47 -2.48	28.63 1.46 -2.62	37.34 1.62 -8.00	36.24 1.15 -15.72	38.93 1.11 -18.07	38.74 1.64 -8.93	95.11 -0.53 -104.97	63.07 3.20 -0.71	43.51 1.75 -9.30	48.51 -0.22 -52.75	41.29 -0.07 -42.60	35.42 0.32 -29.04	28.79 0.73 -13.05
ASTORIA___5 23518	32.52 -0.32 -39.98	29.58 -0.17 -33.92	31.31 -0.25 -37.99	30.77 -0.27 -37.97	31.40 -0.26 -38.34	29.27 -0.28 -36.14	27.90 0.65 -14.33	37.95 1.32 -10.47	32.46 0.73 -17.43	28.91 0.39 -21.42	33.85 1.35 -9.64	29.44 1.47 -2.48	28.63 1.46 -2.62	37.34 1.62 -8.00	36.24 1.15 -15.72	38.93 1.11 -18.07	38.73 1.64 -8.93	95.11 -0.53 -104.97	63.06 3.20 -0.71	43.51 1.75 -9.30	48.51 -0.22 -52.75	41.29 -0.07 -42.60	35.42 0.32 -29.04	28.79 0.73 -13.05
AST_ENERGY_2_CC3 323677	32.54 -0.30 -39.97	29.59 -0.16 -33.92	31.32 -0.24 -37.98	30.78 -0.26 -37.96	31.41 -0.24 -38.34	29.28 -0.27 -36.14	27.89 0.62 -14.34	37.94 1.25 -10.52	32.45 0.68 -17.48	28.89 0.38 -21.41	33.80 1.30 -9.64	29.39 1.41 -2.48	28.58 1.41 -2.62	37.30 1.58 -8.00	36.20 1.11 -15.72	38.90 1.08 -18.07	38.65 1.56 -8.93	95.13 -0.50 -104.96	62.88 3.01 -0.70	43.41 1.66 -9.30	48.52 -0.21 -52.75	41.29 -0.07 -42.60	35.41 0.31 -29.03	28.75 0.70 -13.05
AST_ENERGY_2_CC4 323678	32.54 -0.30 -39.97	29.59 -0.16 -33.92	31.32 -0.24 -37.98	30.78 -0.26 -37.96	31.41 -0.24 -38.34	29.28 -0.27 -36.14	27.89 0.62 -14.34	37.94 1.25 -10.52	32.45 0.68 -17.48	28.89 0.38 -21.41	33.80 1.30 -9.64	29.39 1.41 -2.48	28.58 1.41 -2.62	37.30 1.58 -8.00	36.20 1.11 -15.72	38.90 1.08 -18.07	38.65 1.56 -8.93	95.13 -0.50 -104.96	62.88 3.01 -0.70	43.41 1.66 -9.30	48.52 -0.21 -52.75	41.29 -0.07 -42.60	35.41 0.31 -29.03	28.75 0.70 -13.05
ATHENS_STG_1 23668	36.83 -0.19 -44.16	33.18 -0.12 -37.47	35.35 -0.18 -41.96	34.82 -0.19 -41.94	35.48 -0.18 -42.35	33.15 -0.17 -39.92	29.32 0.38 -16.02	39.38 0.74 -12.47	34.72 0.40 -20.03	31.03 0.21 -23.72	34.32 0.73 -10.73	29.06 0.81 -2.75	28.27 0.78 -2.95	37.49 0.87 -8.90	37.41 0.61 -17.43	40.45 0.61 -20.09	39.01 0.86 -9.98	106.66 -0.28 -116.27	61.76 1.73 -0.87	43.76 0.99 -10.32	54.28 -0.12 -58.43	45.91 -0.04 -47.19	38.40 0.18 -32.16	29.88 0.42 -14.46
ATHENS_STG_2 23670	36.83 -0.19 -44.16	33.18 -0.12 -37.47	35.35 -0.18 -41.96	34.82 -0.19 -41.94	35.48 -0.18 -42.35	33.15 -0.17 -39.92	29.32 0.38 -16.02	39.38 0.74 -12.47	34.72 0.40 -20.03	31.03 0.21 -23.72	34.32 0.73 -10.73	29.06 0.81 -2.75	28.27 0.78 -2.95	37.49 0.87 -8.90	37.41 0.61 -17.43	40.45 0.61 -20.09	39.01 0.86 -9.98	106.66 -0.28 -116.27	61.76 1.73 -0.87	43.76 0.99 -10.32	54.28 -0.12 -58.43	45.91 -0.04 -47.19	38.40 0.18 -32.16	29.88 0.42 -14.46

ATHENS_STG_3 23677	36.83 -0.19 -44.16	33.18 -0.12 -37.47	35.35 -0.18 -41.96	34.82 -0.19 -41.94	35.48 -0.18 -42.35	33.15 -0.17 -39.92	29.32 0.38 -16.02	39.38 0.74 -12.47	34.72 0.40 -20.03	31.03 0.21 -23.72	34.32 0.73 -10.73	29.06 0.81 -2.75	28.27 0.78 -2.95	37.49 0.87 -8.90	37.41 0.61 -17.43	40.45 0.61 -20.09	39.01 0.86 -9.98	106.66 -0.28 -116.27	61.76 1.73 -0.87	43.76 0.99 -10.32	54.28 -0.12 -58.43	45.91 -0.04 -47.19	38.40 0.18 -32.16	29.88 0.42 -14.46
AUBURN____LFGE 323710	2.02 -0.10 -9.25	3.62 -0.06 -7.85	2.28 -0.08 -8.79	1.77 -0.09 -8.78	2.09 -0.09 -8.87	1.67 -0.11 -8.36	16.80 0.22 -3.66	30.31 0.56 -3.59	19.41 0.32 -4.79	11.71 0.11 -4.50	25.40 0.44 -2.10	26.55 0.52 -0.53	25.63 0.49 -0.60	30.03 0.59 -1.73	23.02 0.32 -3.34	24.04 0.39 -3.90	30.76 0.60 -2.00	12.65 -0.21 -22.18	60.45 1.03 -0.26	34.90 0.46 -1.99	7.06 -0.06 -11.14	7.74 -0.02 -8.99	12.27 0.07 -6.13	17.96 0.20 -2.76
BABYLON_RES_REC 323704	32.38 -0.47 -39.98	29.50 -0.25 -33.93	31.20 -0.36 -37.99	30.66 -0.38 -37.97	31.29 -0.37 -38.35	29.11 -0.45 -36.14	28.36 1.07 -14.36	38.70 1.94 -10.59	32.81 0.98 -17.53	29.02 0.50 -21.42	34.35 1.85 -9.64	30.20 2.23 -2.48	33.46 2.21 -6.70	38.25 2.40 -8.14	36.69 1.59 -15.73	39.51 1.68 -18.08	39.79 2.49 -9.13	94.90 -0.76 -104.98	65.31 4.83 -1.32	44.43 2.67 -9.30	48.41 -0.33 -52.76	41.27 -0.10 -42.61	35.62 0.52 -29.04	29.25 1.19 -13.06
BABYLON__69_KV_BK2 356345	32.30 -0.55 -39.98	29.47 -0.29 -33.93	31.15 -0.41 -37.99	30.61 -0.44 -37.97	31.23 -0.43 -38.35	29.05 -0.51 -36.14	28.48 1.20 -14.36	38.98 2.21 -10.59	32.93 1.10 -17.54	29.08 0.56 -21.42	34.53 2.03 -9.64	30.43 2.45 -2.48	33.59 2.43 -6.62	38.51 2.66 -8.13	36.87 1.77 -15.73	39.70 1.88 -18.08	40.10 2.80 -9.13	94.77 -0.88 -104.98	65.99 5.51 -1.31	44.85 3.09 -9.30	48.36 -0.38 -52.76	41.25 -0.12 -42.61	35.70 0.60 -29.04	29.43 1.37 -13.06
BALL_HILL_WT_PWR 323825	3.90 0.00 -11.03	5.23 0.04 -9.36	4.14 0.09 -10.48	3.65 0.10 -10.48	3.98 0.08 -10.58	3.39 0.00 -9.97	14.10 -0.20 -1.37	18.14 -0.57 7.46	8.63 -0.32 5.34	10.57 -0.10 -3.56	16.50 -0.21 6.14	25.03 -0.23 0.23	18.72 -0.21 5.61	23.91 -0.20 3.61	21.08 -0.30 -2.02	12.22 -0.38 7.15	15.02 -0.67 12.47	15.16 0.22 -24.26	43.64 -1.71 13.81	30.51 -1.08 0.86	9.33 0.12 -13.24	9.48 0.03 -10.69	13.30 -0.05 -7.29	18.30 0.03 -3.28
BARON_WINDS____WT_PWR 323822	6.23 0.12 -13.24	7.17 0.10 -11.24	6.31 0.16 -12.58	5.85 0.20 -12.58	6.19 0.17 -12.70	5.54 0.16 -11.97	16.15 -0.38 -3.60	24.38 -0.50 1.29	14.91 -0.24 -0.86	12.47 -0.14 -5.51	20.85 -0.62 1.39	24.98 -0.84 -0.32	21.56 -0.63 2.35	26.97 -0.34 0.41	22.85 -0.29 -3.77	18.80 -0.53 0.42	22.51 -0.96 4.69	21.61 0.36 -30.59	50.08 -2.28 6.81	32.36 -1.30 -1.20	12.03 0.15 -15.89	11.64 0.04 -12.84	14.65 -0.17 -8.75	18.52 -0.41 -3.93
BARRETT_IC_1 23704	32.47 -0.41 -40.01	29.54 -0.22 -33.93	31.26 -0.30 -37.99	30.73 -0.32 -37.97	31.36 -0.29 -38.35	29.20 -0.36 -36.14	28.15 0.87 -14.35	38.27 1.53 -10.57	32.57 0.76 -17.52	28.93 0.41 -21.42	34.08 1.56 -9.66	46.71 1.88 -19.33	76.86 1.84 -50.48	38.99 1.93 -9.35	36.41 1.32 -15.73	39.18 1.36 -18.08	39.23 1.95 -9.11	95.05 -0.61 -104.98	64.26 3.85 -1.25	43.92 2.17 -9.30	48.47 -0.27 -52.76	41.29 -0.08 -42.61	35.53 0.43 -29.04	29.06 1.01 -13.05
BARRETT_IC_10 23701	32.47 -0.41 -40.01	29.54 -0.22 -33.93	31.26 -0.30 -37.99	30.73 -0.32 -37.97	31.36 -0.29 -38.35	29.20 -0.36 -36.14	28.15 0.87 -14.35	38.27 1.53 -10.57	32.57 0.76 -17.52	28.93 0.41 -21.42	34.08 1.56 -9.66	46.71 1.88 -19.33	76.86 1.84 -50.48	38.99 1.93 -9.35	36.41 1.32 -15.73	39.18 1.36 -18.08	39.23 1.95 -9.11	95.05 -0.61 -104.98	64.26 3.85 -1.25	43.92 2.17 -9.30	48.47 -0.27 -52.76	41.29 -0.08 -42.61	35.53 0.43 -29.04	29.06 1.01 -13.05
BARRETT_IC_11 23702	32.47 -0.41 -40.01	29.54 -0.22 -33.93	31.26 -0.30 -37.99	30.73 -0.32 -37.97	31.36 -0.29 -38.35	29.20 -0.36 -36.14	28.15 0.87 -14.35	38.27 1.53 -10.57	32.57 0.76 -17.52	28.93 0.41 -21.42	34.08 1.56 -9.66	46.71 1.88 -19.33	76.86 1.84 -50.48	38.99 1.93 -9.35	36.41 1.32 -15.73	39.18 1.36 -18.08	39.23 1.95 -9.11	95.05 -0.61 -104.98	64.26 3.85 -1.25	43.92 2.17 -9.30	48.47 -0.27 -52.76	41.29 -0.08 -42.61	35.53 0.43 -29.04	29.06 1.01 -13.05
BARRETT_IC_12 23703	32.47 -0.41 -40.01	29.54 -0.22 -33.93	31.26 -0.30 -37.99	30.73 -0.32 -37.97	31.36 -0.29 -38.35	29.20 -0.36 -36.14	28.15 0.87 -14.35	38.27 1.53 -10.57	32.57 0.76 -17.52	28.93 0.41 -21.42	34.08 1.56 -9.66	46.71 1.88 -19.33	76.86 1.84 -50.48	38.99 1.93 -9.35	36.41 1.32 -15.73	39.18 1.36 -18.08	39.23 1.95 -9.11	95.05 -0.61 -104.98	64.26 3.85 -1.25	43.92 2.17 -9.30	48.47 -0.27 -52.76	41.29 -0.08 -42.61	35.53 0.43 -29.04	29.06 1.01 -13.05
BARRETT_IC_2 23705	32.47 -0.41 -40.01	29.54 -0.22 -33.93	31.26 -0.30 -37.99	30.73 -0.32 -37.97	31.36 -0.29 -38.35	29.20 -0.36 -36.14	28.15 0.87 -14.35	38.27 1.53 -10.57	32.57 0.76 -17.52	28.93 0.41 -21.42	34.08 1.56 -9.66	46.71 1.88 -19.33	76.86 1.84 -50.48	38.99 1.93 -9.35	36.41 1.32 -15.73	39.18 1.36 -18.08	39.23 1.95 -9.11	95.05 -0.61 -104.98	64.26 3.85 -1.25	43.92 2.17 -9.30	48.47 -0.27 -52.76	41.29 -0.08 -42.61	35.53 0.43 -29.04	29.06 1.01 -13.05
BARRETT_IC_3 23706	32.47 -0.41 -40.01	29.54 -0.22 -33.93	31.26 -0.30 -37.99	30.73 -0.32 -37.97	31.36 -0.29 -38.35	29.20 -0.36 -36.14	28.15 0.87 -14.35	38.27 1.53 -10.57	32.57 0.76 -17.52	28.93 0.41 -21.42	34.08 1.56 -9.66	46.71 1.88 -19.33	76.86 1.84 -50.48	38.99 1.93 -9.35	36.41 1.32 -15.73	39.18 1.36 -18.08	39.23 1.95 -9.11	95.05 -0.61 -104.98	64.26 3.85 -1.25	43.92 2.17 -9.30	48.47 -0.27 -52.76	41.29 -0.08 -42.61	35.53 0.43 -29.04	29.06 1.01 -13.05
BARRETT_IC_4 23707	32.47 -0.41 -40.01	29.54 -0.22 -33.93	31.26 -0.30 -37.99	30.73 -0.32 -37.97	31.36 -0.29 -38.35	29.20 -0.36 -36.14	28.15 0.87 -14.35	38.27 1.53 -10.57	32.57 0.76 -17.52	28.93 0.41 -21.42	34.08 1.56 -9.66	46.71 1.88 -19.33	76.86 1.84 -50.48	38.99 1.93 -9.35	36.41 1.32 -15.73	39.18 1.36 -18.08	39.23 1.95 -9.11	95.05 -0.61 -104.98	64.26 3.85 -1.25	43.92 2.17 -9.30	48.47 -0.27 -52.76	41.29 -0.08 -42.61	35.53 0.43 -29.04	29.06 1.01 -13.05
BARRETT_IC_5 23708	32.47 -0.41 -40.01	29.54 -0.22 -33.93	31.26 -0.30 -37.99	30.73 -0.32 -37.97	31.36 -0.29 -38.35	29.20 -0.36 -36.14	28.15 0.87 -14.35	38.27 1.53 -10.57	32.57 0.76 -17.52	28.93 0.41 -21.42	34.08 1.56 -9.66	46.71 1.88 -19.33	76.86 1.84 -50.48	38.99 1.93 -9.35	36.41 1.32 -15.73	39.18 1.36 -18.08	39.23 1.95 -9.11	95.05 -0.61 -104.98	64.26 3.85 -1.25	43.92 2.17 -9.30	48.47 -0.27 -52.76	41.29 -0.08 -42.61	35.53 0.43 -29.04	29.06 1.01 -13.05
BARRETT_IC_6 23709	32.47 -0.41 -40.01	29.54 -0.22 -33.93	31.26 -0.30 -37.99	30.73 -0.32 -37.97	31.36 -0.29 -38.35	29.20 -0.36 -36.14	28.15 0.87 -14.35	38.27 1.53 -10.57	32.57 0.76 -17.52	28.93 0.41 -21.42	34.08 1.56 -9.66	46.71 1.88 -19.33	76.86 1.84 -50.48	38.99 1.93 -9.35	36.41 1.32 -15.73	39.18 1.36 -18.08	39.23 1.95 -9.11	95.05 -0.61 -104.98	64.26 3.85 -1.25	43.92 2.17 -9.30	48.47 -0.27 -52.76	41.29 -0.08 -42.61	35.53 0.43 -29.04	29.06 1.01 -13.05

BARRETT_IC_7 23710	32.47 -0.41 -40.01	29.54 -0.21 -33.93	31.26 -0.30 -37.99	30.73 -0.31 -37.97	31.36 -0.30 -38.35	29.19 -0.36 -36.14	28.13 0.85 -14.35	38.28 1.54 -10.57	32.56 0.75 -17.52	28.93 0.41 -21.42	34.07 1.55 -9.66	46.71 1.89 -19.33	76.86 1.85 -50.48	39.00 1.93 -9.35	36.42 1.32 -15.73	39.18 1.35 -18.08	39.23 1.95 -9.11	95.06 -0.60 -104.98	64.26 3.85 -1.25	43.92 2.17 -9.30	48.47 -0.27 -52.76	41.29 -0.08 -42.61	35.53 0.42 -29.04	29.06 1.00 -13.05
BARRETT_IC_8 23711	32.47 -0.41 -40.01	29.54 -0.22 -33.93	31.26 -0.30 -37.99	30.73 -0.32 -37.97	31.36 -0.29 -38.35	29.20 -0.36 -36.14	28.15 0.87 -14.35	38.27 1.53 -10.57	32.57 0.76 -17.52	28.93 0.41 -21.42	34.08 1.56 -9.66	46.71 1.88 -19.33	76.86 1.84 -50.48	38.99 1.93 -9.35	36.41 1.32 -15.73	39.18 1.36 -18.08	39.23 1.95 -9.11	95.05 -0.61 -104.98	64.26 3.85 -1.25	43.92 2.17 -9.30	48.47 -0.27 -52.76	41.29 -0.08 -42.61	35.53 0.43 -29.04	29.06 1.01 -13.05
BARRETT_IC_9 23700	32.47 -0.41 -40.01	29.54 -0.22 -33.93	31.26 -0.30 -37.99	30.73 -0.32 -37.97	31.36 -0.29 -38.35	29.20 -0.36 -36.14	28.15 0.87 -14.35	38.27 1.53 -10.57	32.57 0.76 -17.52	28.93 0.41 -21.42	34.08 1.56 -9.66	46.71 1.88 -19.33	76.86 1.84 -50.48	38.99 1.93 -9.35	36.41 1.32 -15.73	39.18 1.36 -18.08	39.23 1.95 -9.11	95.05 -0.61 -104.98	64.26 3.85 -1.25	43.92 2.17 -9.30	48.47 -0.27 -52.76	41.29 -0.08 -42.61	35.53 0.43 -29.04	29.06 1.01 -13.05
BARRETT___1 23545	32.47 -0.41 -40.01	29.54 -0.22 -33.93	31.26 -0.30 -37.99	30.73 -0.32 -37.97	31.36 -0.29 -38.35	29.20 -0.36 -36.14	28.15 0.87 -14.35	38.27 1.53 -10.57	32.57 0.76 -17.52	28.93 0.41 -21.42	34.08 1.56 -9.66	46.71 1.88 -19.33	76.86 1.84 -50.48	38.99 1.93 -9.35	36.41 1.32 -15.73	39.18 1.36 -18.08	39.23 1.95 -9.11	95.05 -0.61 -104.98	64.26 3.85 -1.25	43.92 2.17 -9.30	48.47 -0.27 -52.76	41.29 -0.08 -42.61	35.53 0.43 -29.04	29.06 1.01 -13.05
BARRETT___2 23546	32.47 -0.41 -40.01	29.54 -0.22 -33.93	31.26 -0.30 -37.99	30.73 -0.32 -37.97	31.36 -0.29 -38.35	29.20 -0.36 -36.14	28.15 0.87 -14.35	38.27 1.53 -10.57	32.57 0.76 -17.52	28.93 0.41 -21.42	34.08 1.56 -9.66	46.71 1.88 -19.33	76.86 1.84 -50.48	38.99 1.93 -9.35	36.41 1.32 -15.73	39.18 1.36 -18.08	39.23 1.95 -9.11	95.05 -0.61 -104.98	64.26 3.85 -1.25	43.92 2.17 -9.30	48.47 -0.27 -52.76	41.29 -0.08 -42.61	35.53 0.43 -29.04	29.06 1.01 -13.05
BATAVIA___115KV_TB1 55881	2.69 -0.16 -9.98	4.21 -0.09 -8.47	2.96 -0.10 -9.49	2.45 -0.10 -9.48	2.77 -0.12 -9.57	2.26 -0.18 -9.02	15.13 0.26 -1.95	22.98 0.76 3.95	12.64 0.44 2.09	11.04 0.16 -3.78	20.44 0.47 2.89	25.95 0.39 -0.06	21.80 0.38 3.12	26.83 0.63 1.52	22.05 0.26 -2.43	17.16 0.24 2.83	21.72 0.26 6.71	13.16 -0.11 -22.60	50.77 -0.26 8.14	32.44 -0.23 -0.22	7.97 0.02 -11.98	8.44 0.00 -9.67	12.70 0.04 -6.59	18.16 0.19 -2.96
BAYONEEC___CTG1 323682	32.53 -0.31 -39.97	29.58 -0.17 -33.92	31.31 -0.24 -37.98	30.78 -0.26 -37.96	31.40 -0.25 -38.34	29.28 -0.27 -36.14	27.82 0.63 -14.27	37.60 1.27 -10.17	32.17 0.70 -17.18	28.90 0.38 -21.41	33.82 1.32 -9.64	29.40 1.42 -2.48	28.58 1.41 -2.62	37.31 1.59 -8.00	36.20 1.11 -15.72	38.90 1.08 -18.07	38.66 1.56 -8.93	95.12 -0.51 -104.96	62.91 3.04 -0.70	43.43 1.67 -9.30	48.52 -0.21 -52.75	41.29 -0.07 -42.60	35.41 0.31 -29.03	28.75 0.70 -13.05
BAYONEEC___CTG10 323750	32.53 -0.31 -39.97	29.58 -0.17 -33.92	31.31 -0.24 -37.98	30.78 -0.26 -37.96	31.40 -0.25 -38.34	29.28 -0.27 -36.14	27.82 0.63 -14.27	37.60 1.27 -10.17	32.17 0.70 -17.18	28.90 0.38 -21.41	33.82 1.32 -9.64	29.40 1.42 -2.48	28.58 1.41 -2.62	37.31 1.59 -8.00	36.20 1.11 -15.72	38.90 1.08 -18.07	38.66 1.56 -8.93	95.12 -0.51 -104.96	62.91 3.04 -0.70	43.43 1.67 -9.30	48.52 -0.21 -52.75	41.29 -0.07 -42.60	35.41 0.31 -29.03	28.75 0.70 -13.05
BAYONEEC___CTG2 323683	32.53 -0.31 -39.97	29.58 -0.17 -33.92	31.31 -0.24 -37.98	30.78 -0.26 -37.96	31.40 -0.25 -38.34	29.28 -0.27 -36.14	27.82 0.63 -14.27	37.60 1.27 -10.17	32.17 0.70 -17.18	28.90 0.38 -21.41	33.82 1.32 -9.64	29.40 1.42 -2.48	28.58 1.41 -2.62	37.31 1.59 -8.00	36.20 1.11 -15.72	38.90 1.08 -18.07	38.66 1.56 -8.93	95.12 -0.51 -104.96	62.91 3.04 -0.70	43.43 1.67 -9.30	48.52 -0.21 -52.75	41.29 -0.07 -42.60	35.41 0.31 -29.03	28.75 0.70 -13.05
BAYONEEC___CTG3 323684	32.53 -0.31 -39.97	29.58 -0.17 -33.92	31.31 -0.24 -37.98	30.78 -0.26 -37.96	31.40 -0.25 -38.34	29.28 -0.27 -36.14	27.82 0.63 -14.27	37.60 1.27 -10.17	32.17 0.70 -17.18	28.90 0.38 -21.41	33.82 1.32 -9.64	29.40 1.42 -2.48	28.58 1.41 -2.62	37.31 1.59 -8.00	36.20 1.11 -15.72	38.90 1.08 -18.07	38.66 1.56 -8.93	95.12 -0.51 -104.96	62.91 3.04 -0.70	43.43 1.67 -9.30	48.52 -0.21 -52.75	41.29 -0.07 -42.60	35.41 0.31 -29.03	28.75 0.70 -13.05
BAYONEEC___CTG4 323685	32.53 -0.31 -39.97	29.58 -0.17 -33.92	31.31 -0.24 -37.98	30.78 -0.26 -37.96	31.40 -0.25 -38.34	29.28 -0.27 -36.14	27.82 0.63 -14.27	37.60 1.27 -10.17	32.17 0.70 -17.18	28.90 0.38 -21.41	33.82 1.32 -9.64	29.40 1.42 -2.48	28.58 1.41 -2.62	37.31 1.59 -8.00	36.20 1.11 -15.72	38.90 1.08 -18.07	38.66 1.56 -8.93	95.12 -0.51 -104.96	62.91 3.04 -0.70	43.43 1.67 -9.30	48.52 -0.21 -52.75	41.29 -0.07 -42.60	35.41 0.31 -29.03	28.75 0.70 -13.05
BAYONEEC___CTG5 323686	32.53 -0.31 -39.97	29.58 -0.17 -33.92	31.31 -0.24 -37.98	30.78 -0.26 -37.96	31.40 -0.25 -38.34	29.28 -0.27 -36.14	27.82 0.63 -14.27	37.60 1.27 -10.17	32.17 0.70 -17.18	28.90 0.38 -21.41	33.82 1.32 -9.64	29.40 1.42 -2.48	28.58 1.41 -2.62	37.31 1.59 -8.00	36.20 1.11 -15.72	38.90 1.08 -18.07	38.66 1.56 -8.93	95.12 -0.51 -104.96	62.91 3.04 -0.70	43.43 1.67 -9.30	48.52 -0.21 -52.75	41.29 -0.07 -42.60	35.41 0.31 -29.03	28.75 0.70 -13.05
BAYONEEC___CTG6 323687	32.53 -0.31 -39.97	29.58 -0.17 -33.92	31.31 -0.24 -37.98	30.78 -0.26 -37.96	31.40 -0.25 -38.34	29.28 -0.27 -36.14	27.82 0.63 -14.27	37.60 1.27 -10.17	32.17 0.70 -17.18	28.90 0.38 -21.41	33.82 1.32 -9.64	29.40 1.42 -2.48	28.58 1.41 -2.62	37.31 1.59 -8.00	36.20 1.11 -15.72	38.90 1.08 -18.07	38.66 1.56 -8.93	95.12 -0.51 -104.96	62.91 3.04 -0.70	43.43 1.67 -9.30	48.52 -0.21 -52.75	41.29 -0.07 -42.60	35.41 0.31 -29.03	28.75 0.70 -13.05
BAYONEEC___CTG7 323688	32.53 -0.31 -39.97	29.58 -0.17 -33.92	31.31 -0.24 -37.98	30.78 -0.26 -37.96	31.40 -0.25 -38.34	29.28 -0.27 -36.14	27.82 0.63 -14.27	37.60 1.27 -10.17	32.17 0.70 -17.18	28.90 0.38 -21.41	33.82 1.32 -9.64	29.40 1.42 -2.48	28.58 1.41 -2.62	37.31 1.59 -8.00	36.20 1.11 -15.72	38.90 1.08 -18.07	38.66 1.56 -8.93	95.12 -0.51 -104.96	62.91 3.04 -0.70	43.43 1.67 -9.30	48.52 -0.21 -52.75	41.29 -0.07 -42.60	35.41 0.31 -29.03	28.75 0.70 -13.05
BAYONEEC___CTG8 323689	32.53 -0.31 -39.97	29.58 -0.17 -33.92	31.31 -0.24 -37.98	30.78 -0.26 -37.96	31.40 -0.25 -38.34	29.28 -0.27 -36.14	27.82 0.63 -14.27	37.60 1.27 -10.17	32.17 0.70 -17.18	28.90 0.38 -21.41	33.82 1.32 -9.64	29.40 1.42 -2.48	28.58 1.41 -2.62	37.31 1.59 -8.00	36.20 1.11 -15.72	38.90 1.08 -18.07	38.66 1.56 -8.93	95.12 -0.51 -104.96	62.91 3.04 -0.70	43.43 1.67 -9.30	48.52 -0.21 -52.75	41.29 -0.07 -42.60	35.41 0.31 -29.03	28.75 0.70 -13.05

BAYONEEC___CTG9 323749	32.53 -0.31 -39.97	29.58 -0.17 -33.92	31.31 -0.24 -37.98	30.78 -0.26 -37.96	31.40 -0.25 -38.34	29.28 -0.27 -36.14	27.82 0.63 -14.27	37.60 1.27 -10.17	32.17 0.70 -17.18	28.90 0.38 -21.41	33.82 1.32 -9.64	29.40 1.42 -2.48	28.58 1.41 -2.62	37.31 1.59 -8.00	36.20 1.11 -15.72	38.90 1.08 -18.07	38.66 1.56 -8.93	95.12 -0.51 -104.96	62.91 3.04 -0.70	43.43 1.67 -9.30	48.52 -0.21 -52.75	41.29 -0.07 -42.60	35.41 0.31 -29.03	28.75 0.70 -13.05
BEACON___LESR 323632	40.83 -0.19 -48.15	36.59 -0.10 -40.86	39.17 -0.16 -45.76	38.63 -0.17 -45.73	39.32 -0.17 -46.19	36.79 -0.15 -43.53	30.92 0.42 -17.57	41.31 0.84 -14.29	37.53 0.46 -22.77	34.10 0.23 -26.76	36.00 0.73 -12.40	29.58 0.95 -3.13	28.99 0.90 -3.55	38.82 0.87 -10.23	39.70 0.63 -19.69	43.50 0.69 -23.06	40.89 0.92 -11.80	121.38 -0.30 -131.01	62.64 1.97 -1.51	45.33 1.13 -11.74	61.64 -0.13 -65.80	51.86 -0.04 -53.14	42.47 0.19 -36.21	31.73 0.45 -16.28
BEAVER RIVER___HYD 24048	-3.03 0.41 -3.69	-0.86 0.17 -3.14	-2.66 0.25 -3.51	-3.14 0.27 -3.51	-2.82 0.33 -3.54	-2.88 0.37 -3.34	13.20 -0.79 -1.07	24.45 -1.37 0.35	14.09 -0.62 -0.42	19.26 -0.45 -12.61	39.25 -1.50 -17.89	24.10 -1.60 -0.21	27.10 -1.46 -4.02	26.64 -1.76 -0.69	19.59 -1.11 -1.32	20.20 -1.10 -1.55	27.73 -1.23 -0.79	8.18 0.51 -17.00	58.80 -0.67 -0.31	32.52 -0.72 -0.79	0.57 0.17 -4.42	2.40 0.07 -3.57	8.28 -0.23 -2.44	15.57 -0.53 -1.10
BEEBEE_GT_13 23619	2.02 -0.10 -9.26	3.64 -0.05 -7.86	2.33 -0.04 -8.80	1.82 -0.04 -8.79	2.14 -0.05 -8.88	1.68 -0.10 -8.37	17.27 0.10 -4.25	33.32 0.33 -6.82	22.14 0.20 -7.65	11.82 0.07 -4.64	25.92 0.22 -2.85	26.29 0.19 -0.60	25.83 0.14 -1.15	30.21 0.27 -2.22	22.93 0.07 -3.49	24.70 0.03 -4.92	31.41 -0.04 -3.29	12.97 0.00 -22.30	59.75 -0.90 -1.48	34.16 -0.56 -2.26	7.14 0.06 -11.11	7.75 0.02 -8.97	12.14 -0.04 -6.11	17.71 -0.04 -2.75
BENSHRST_27_KV_BENSHRST_1 355998	32.46 -0.38 -39.98	29.56 -0.19 -33.92	31.28 -0.28 -37.99	30.75 -0.29 -37.97	31.38 -0.28 -38.34	29.25 -0.30 -36.14	27.90 0.68 -14.29	37.90 1.46 -10.28	32.37 0.80 -17.27	28.96 0.44 -21.42	33.98 1.48 -9.64	29.58 1.60 -2.48	28.78 1.61 -2.62	37.54 1.81 -8.00	36.38 1.28 -15.72	39.06 1.24 -18.07	38.91 1.81 -8.93	95.05 -0.59 -104.97	63.45 3.58 -0.71	43.74 1.99 -9.30	48.48 -0.26 -52.75	41.28 -0.08 -42.60	35.48 0.37 -29.04	28.92 0.87 -13.05
BETHLEHEM___GRP 23843	41.03 -0.04 -48.20	36.71 -0.03 -40.90	39.33 -0.05 -45.81	38.80 -0.06 -45.78	39.50 -0.05 -46.23	36.96 -0.03 -43.58	30.69 0.17 -17.59	40.76 0.27 -14.33	37.26 0.15 -22.82	33.99 0.09 -26.81	35.56 0.27 -12.42	29.06 0.43 -3.13	28.51 0.40 -3.56	38.27 0.31 -10.25	39.34 0.25 -19.72	43.08 0.23 -23.10	40.29 0.31 -11.81	121.75 -0.11 -131.18	61.27 0.60 -1.51	44.61 0.39 -11.76	61.82 -0.04 -65.88	51.96 -0.01 -53.21	42.38 0.05 -36.26	31.48 0.18 -16.30
BETHLEHEM___GS1 323560	41.03 -0.04 -48.20	36.71 -0.03 -40.90	39.32 -0.05 -45.81	38.80 -0.06 -45.78	39.50 -0.05 -46.23	36.96 -0.03 -43.58	30.68 0.17 -17.59	40.78 0.29 -14.33	37.27 0.16 -22.82	33.99 0.09 -26.81	35.57 0.28 -12.42	29.06 0.43 -3.13	28.50 0.40 -3.56	38.29 0.32 -10.25	39.34 0.25 -19.72	43.08 0.24 -23.10	40.30 0.32 -11.81	121.75 -0.11 -131.18	61.28 0.60 -1.51	44.61 0.39 -11.76	61.82 -0.04 -65.88	51.96 -0.01 -53.21	42.38 0.06 -36.26	31.48 0.18 -16.30
BETHLEHEM___GS2 323561	41.03 -0.04 -48.20	36.71 -0.03 -40.90	39.32 -0.05 -45.81	38.80 -0.06 -45.78	39.50 -0.05 -46.23	36.96 -0.03 -43.58	30.68 0.17 -17.59	40.78 0.29 -14.33	37.27 0.16 -22.82	33.99 0.09 -26.81	35.57 0.28 -12.42	29.06 0.43 -3.13	28.50 0.40 -3.56	38.29 0.32 -10.25	39.34 0.25 -19.72	43.08 0.24 -23.10	40.30 0.32 -11.81	121.75 -0.11 -131.18	61.28 0.60 -1.51	44.61 0.39 -11.76	61.82 -0.04 -65.88	51.96 -0.01 -53.21	42.38 0.06 -36.26	31.48 0.18 -16.30
BETHLEHEM___GS3 323562	41.03 -0.04 -48.20	36.71 -0.03 -40.90	39.32 -0.05 -45.81	38.80 -0.06 -45.78	39.50 -0.05 -46.23	36.96 -0.03 -43.58	30.68 0.17 -17.59	40.78 0.29 -14.33	37.27 0.16 -22.82	33.99 0.09 -26.81	35.57 0.28 -12.42	29.06 0.43 -3.13	28.50 0.40 -3.56	38.29 0.32 -10.25	39.34 0.25 -19.72	43.08 0.24 -23.10	40.30 0.32 -11.81	121.75 -0.11 -131.18	61.28 0.60 -1.51	44.61 0.39 -11.76	61.82 -0.04 -65.88	51.96 -0.01 -53.21	42.38 0.06 -36.26	31.48 0.18 -16.30
BETHLEHEM___STEEL 23779	3.71 -0.01 -10.84	5.05 0.02 -9.20	3.94 0.07 -10.30	3.45 0.08 -10.30	3.78 0.06 -10.40	3.22 0.00 -9.80	14.07 -0.15 -1.30	18.54 -0.14 7.49	8.85 -0.02 5.42	10.47 -0.08 -3.45	16.36 -0.20 6.30	24.99 -0.25 0.25	18.61 -0.23 5.70	23.86 -0.14 3.72	21.04 -0.25 -1.92	12.04 -0.32 7.39	14.86 -0.58 12.72	14.65 0.20 -23.78	43.49 -1.67 14.01	30.52 -0.99 0.95	9.09 0.11 -13.01	9.30 0.03 -10.51	13.18 -0.05 -7.16	18.23 0.01 -3.22
BETHLHEM_115KV_TB1 79974	40.98 -0.06 -48.18	36.67 -0.04 -40.88	39.28 -0.07 -45.78	38.75 -0.07 -45.76	39.45 -0.07 -46.21	36.92 -0.05 -43.55	30.71 0.20 -17.58	40.84 0.34 -14.33	37.29 0.18 -22.81	34.01 0.11 -26.80	35.62 0.34 -12.42	29.12 0.49 -3.13	28.56 0.46 -3.56	38.36 0.40 -10.25	39.39 0.30 -19.72	43.14 0.30 -23.09	40.39 0.41 -11.81	121.69 -0.14 -131.15	61.46 0.79 -1.51	44.71 0.49 -11.76	61.79 -0.06 -65.87	51.94 -0.02 -53.20	42.39 0.07 -36.26	31.52 0.22 -16.30
BETHPAGE_CC_5 323564	32.41 -0.44 -39.98	29.53 -0.23 -33.93	31.24 -0.32 -37.99	30.70 -0.34 -37.97	31.33 -0.33 -38.35	29.16 -0.40 -36.14	28.22 0.94 -14.36	38.45 1.69 -10.59	32.68 0.86 -17.53	28.97 0.45 -21.42	34.15 1.66 -9.64	30.60 2.04 -3.06	35.04 2.03 -8.47	38.04 2.13 -8.18	36.51 1.42 -15.73	39.32 1.50 -18.08	39.49 2.18 -9.14	94.98 -0.68 -104.98	64.85 4.34 -1.35	44.17 2.42 -9.30	48.44 -0.30 -52.76	41.28 -0.09 -42.61	35.57 0.47 -29.04	29.16 1.10 -13.06
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	3.76 -0.01 -10.91	5.10 0.01 -9.26	4.00 0.07 -10.37	3.51 0.07 -10.36	3.83 0.06 -10.46	3.27 0.00 -9.86	14.36 -0.12 -1.56	19.74 -0.07 6.36	9.86 0.01 4.44	10.54 -0.06 -3.50	16.53 -0.13 6.21	25.08 -0.17 0.24	18.76 -0.14 5.64	24.03 -0.03 3.66	21.18 -0.16 -1.97	12.27 -0.22 7.25	15.17 -0.43 12.56	14.79 0.16 -23.96	44.05 -1.23 13.88	30.83 -0.72 0.90	9.14 0.08 -13.09	9.35 0.02 -10.57	13.26 -0.01 -7.20	18.34 0.10 -3.24
BINGHAMTON___COGEN 23790	10.02 -0.10 -17.25	10.43 -0.04 -14.63	9.91 -0.05 -16.39	9.40 -0.05 -16.38	9.79 -0.06 -16.54	8.92 -0.08 -15.59	19.03 0.12 -5.99	30.12 0.27 -3.68	20.64 0.17 -6.18	15.16 0.08 -7.98	25.34 0.32 -2.16	26.67 0.36 -0.81	24.82 0.43 0.16	30.30 0.51 -2.08	25.49 0.31 -5.81	24.94 0.32 -4.88	29.28 0.39 -0.72	31.37 -0.11 -40.80	57.44 0.66 2.38	35.80 0.30 -3.04	16.64 -0.04 -20.70	15.46 -0.01 -16.72	17.54 0.08 -11.39	20.30 0.18 -5.12
BIXINCNT_115KV_LOAD 355685	4.07 0.00 -11.21	5.37 0.03 -9.51	4.34 0.12 -10.65	3.86 0.14 -10.64	4.16 0.10 -10.75	3.61 0.07 -10.13	15.19 -0.02 -2.28	22.71 -0.09 3.37	12.52 0.06 1.83	10.71 -0.11 -3.72	16.80 -0.28 5.78	25.11 -0.20 0.19	19.07 -0.11 5.36	24.49 0.14 3.37	21.41 -0.11 -2.15	12.80 -0.31 6.64	15.80 -0.48 11.88	15.71 0.29 -24.75	44.86 -1.03 13.28	31.53 -0.23 0.71	9.44 0.02 -13.44	9.61 -0.01 -10.85	13.48 0.01 -7.40	18.59 0.27 -3.32

BLACK RIVER___HYD 24047	-1.93 0.33 -4.87	0.09 0.13 -4.13	-1.60 0.21 -4.63	-2.08 0.22 -4.62	-1.73 0.28 -4.67	-1.85 0.34 -4.40	13.93 -0.65 -1.66	25.86 -1.08 -0.77	15.41 -0.47 -1.59	16.66 -0.36 -9.92	34.66 -1.22 -13.02	24.43 -1.34 -0.28	26.30 -1.20 -2.96	27.21 -1.41 -0.91	20.17 -0.94 -1.75	20.92 -0.88 -2.04	28.39 -0.82 -1.05	8.38 0.37 -17.33	59.63 0.18 -0.28	33.11 -0.38 -1.04	1.94 0.13 -5.83	3.52 0.06 -4.71	9.08 -0.20 -3.21	15.97 -0.47 -1.44
BLACKRVR_115KV_TB2 79977	-1.93 0.33 -4.87	0.09 0.13 -4.13	-1.60 0.21 -4.63	-2.09 0.22 -4.62	-1.74 0.28 -4.67	-1.85 0.34 -4.40	13.93 -0.65 -1.66	25.78 -1.16 -0.77	15.37 -0.51 -1.59	16.66 -0.36 -9.92	34.66 -1.23 -13.02	24.43 -1.34 -0.28	26.30 -1.20 -2.96	27.21 -1.41 -0.91	20.17 -0.94 -1.75	20.92 -0.87 -2.04	28.40 -0.81 -1.05	8.36 0.36 -17.33	59.62 0.18 -0.28	33.11 -0.38 -1.04	1.94 0.13 -5.83	3.52 0.06 -4.71	9.08 -0.19 -3.21	15.97 -0.47 -1.44
BLISS_WT_PWR 323608	4.10 0.03 -11.21	5.39 0.05 -9.51	4.38 0.16 -10.65	3.90 0.19 -10.64	4.19 0.13 -10.75	3.66 0.11 -10.13	15.15 -0.06 -2.28	22.23 -0.57 3.37	12.23 -0.24 1.83	10.66 -0.16 -3.72	16.60 -0.48 5.78	24.95 -0.36 0.19	18.93 -0.25 5.36	24.34 -0.01 3.37	21.30 -0.21 -2.15	12.64 -0.47 6.64	15.59 -0.69 11.88	15.79 0.37 -24.75	44.49 -1.39 13.28	31.43 -0.32 0.71	9.45 0.03 -13.44	9.61 -0.01 -10.85	13.44 -0.02 -7.40	18.54 0.21 -3.32
BLUESTONE___WT_PWR 323821	10.49 -0.32 -17.94	10.94 -0.12 -15.22	10.51 -0.10 -17.05	10.06 -0.05 -17.04	10.36 -0.16 -17.21	9.39 -0.24 -16.22	19.70 0.45 -6.32	30.70 0.42 -4.11	21.00 0.05 -6.65	16.70 0.13 -9.46	27.22 0.77 -3.59	27.60 1.01 -1.09	26.52 1.50 -0.48	32.27 1.38 -3.17	27.58 0.84 -7.37	28.12 1.10 -7.28	32.30 1.67 -2.47	40.62 -0.64 -50.59	61.78 4.05 1.43	38.41 1.85 -4.10	21.34 -0.19 -25.56	19.33 -0.07 -20.64	20.27 0.14 -14.07	21.75 0.42 -6.32
BLUE_CIRC_CHEM_DRP 24182	40.76 -0.14 -48.03	36.50 -0.08 -40.75	39.08 -0.13 -45.64	38.54 -0.14 -45.61	39.24 -0.14 -46.06	36.71 -0.12 -43.42	30.75 0.29 -17.53	41.05 0.56 -14.32	37.39 0.30 -22.80	34.02 0.16 -26.76	35.79 0.53 -12.40	29.26 0.63 -3.13	28.70 0.60 -3.55	38.57 0.63 -10.23	39.51 0.46 -19.69	43.33 0.53 -23.05	40.61 0.81 -11.64	119.63 -0.26 -129.22	62.27 1.62 -1.49	44.97 0.93 -11.58	60.77 -0.11 -64.90	51.14 -0.03 -52.41	41.95 0.16 -35.72	31.48 0.42 -16.06
BOC_GAS_DRP 24189	40.78 -0.13 -48.04	36.52 -0.08 -40.76	39.09 -0.12 -45.65	38.56 -0.14 -45.63	39.26 -0.13 -46.08	36.73 -0.11 -43.43	30.74 0.28 -17.54	41.03 0.52 -14.34	37.38 0.28 -22.82	34.03 0.15 -26.78	35.78 0.50 -12.41	29.23 0.60 -3.13	28.67 0.57 -3.56	38.56 0.60 -10.24	39.51 0.43 -19.71	43.26 0.43 -23.08	40.57 0.61 -11.80	121.46 -0.20 -130.99	61.90 1.23 -1.51	44.91 0.72 -11.74	61.68 -0.09 -65.79	51.86 -0.03 -53.13	42.40 0.12 -36.21	31.60 0.32 -16.28
BOONVILLE_115KV_TB1 79983	-4.02 0.07 -3.04	-1.58 0.01 -2.58	-3.53 0.01 -2.89	-4.02 0.02 -2.89	-3.73 0.04 -2.92	-3.78 0.05 -2.75	13.78 -0.12 -0.98	26.19 -0.18 -0.21	15.04 -0.02 -0.76	12.28 -0.08 -5.25	29.23 -0.27 -6.64	25.38 -0.30 -0.17	25.89 -0.16 -1.52	28.06 -0.23 -0.57	20.35 -0.11 -1.09	20.97 -0.06 -1.28	28.91 0.08 -0.65	0.79 0.00 -10.12	60.39 1.07 -0.16	33.49 0.39 -0.65	-0.38 0.00 -3.65	1.71 0.01 -2.94	8.08 0.00 -2.01	15.91 0.01 -0.90
BORALEX_4TH_BRANCH 23824	40.57 -0.30 -48.00	36.37 -0.19 -40.73	38.88 -0.31 -45.61	38.32 -0.34 -45.59	39.04 -0.31 -46.04	36.53 -0.28 -43.39	31.01 0.59 -17.49	41.54 1.26 -14.11	37.51 0.66 -22.55	33.99 0.30 -26.59	36.15 0.97 -12.32	29.70 1.09 -3.11	29.14 1.07 -3.53	39.12 1.24 -10.16	39.80 0.87 -19.57	43.57 0.91 -22.91	41.02 1.14 -11.72	120.37 -0.42 -130.13	63.22 2.56 -1.50	45.50 1.38 -11.67	61.15 -0.18 -65.35	51.48 -0.06 -52.78	42.31 0.27 -35.97	31.86 0.69 -16.17
BOWLINE___1 23526	31.47 -0.30 -38.91	28.68 -0.17 -33.01	30.30 -0.24 -36.97	29.76 -0.26 -36.95	30.37 -0.25 -37.32	28.32 -0.27 -35.17	27.42 0.58 -13.92	37.36 1.15 -10.05	31.74 0.62 -16.82	28.21 0.34 -20.77	33.35 1.15 -9.33	29.15 1.25 -2.40	28.30 1.23 -2.53	36.85 1.38 -7.75	35.59 0.97 -15.25	38.21 0.96 -17.51	38.21 1.41 -8.63	92.00 -0.48 -101.80	62.63 2.81 -0.66	43.02 1.55 -9.02	46.95 -0.20 -51.17	40.01 -0.07 -41.32	34.51 0.29 -28.16	28.33 0.67 -12.66
BOWLINE___2 23595	31.48 -0.30 -38.91	28.68 -0.17 -33.02	30.30 -0.24 -36.97	29.76 -0.26 -36.95	30.38 -0.25 -37.32	28.32 -0.27 -35.17	27.42 0.58 -13.92	37.36 1.15 -10.05	31.74 0.62 -16.82	28.21 0.34 -20.77	33.35 1.15 -9.33	29.15 1.25 -2.40	28.30 1.23 -2.53	36.85 1.38 -7.75	35.59 0.97 -15.25	38.21 0.96 -17.51	38.21 1.41 -8.63	92.01 -0.48 -101.81	62.63 2.81 -0.66	43.02 1.55 -9.02	46.95 -0.20 -51.17	40.02 -0.07 -41.33	34.52 0.29 -28.16	28.33 0.67 -12.66
BRADY___115KV_TB2 356060	-4.66 0.57 -1.90	-2.25 0.31 -1.61	-4.17 0.46 -1.80	-4.70 0.43 -1.80	-4.46 0.41 -1.82	-4.41 0.46 -1.71	11.73 -0.86 0.33	19.54 -2.19 4.44	9.65 -1.28 3.36	35.96 -0.62 -29.47	66.20 -2.12 -45.46	23.14 -2.46 -0.11	32.04 -2.60 -10.10	25.19 -2.88 -0.35	18.16 -1.88 -0.68	18.41 -2.13 -0.80	25.70 -2.87 -0.41	17.77 0.97 -26.13	56.31 -3.46 -0.61	31.35 -1.51 -0.40	-1.58 0.18 -2.27	0.66 0.07 -1.83	7.18 -0.13 -1.25	15.26 -0.30 -0.56
BRANSCOMB___SOLAR 323811	41.87 -0.34 -49.34	37.49 -0.21 -41.86	40.13 -0.32 -46.88	39.59 -0.34 -46.86	40.30 -0.33 -47.32	37.69 -0.33 -44.60	31.67 0.75 -18.00	42.34 1.56 -14.60	38.43 0.86 -23.27	34.87 0.40 -27.37	36.76 1.22 -12.68	30.02 1.32 -3.20	29.37 1.20 -3.63	39.48 1.30 -10.46	40.35 0.84 -20.14	44.20 0.87 -23.58	41.48 1.26 -12.06	124.19 -0.43 -133.95	63.37 2.66 -1.54	45.90 1.44 -12.01	63.08 -0.17 -67.28	53.04 -0.05 -54.33	43.32 0.23 -37.03	32.20 0.55 -16.64
BRENTWOD_69_KV_W. BRTWOOD 56703	32.32 -0.53 -39.98	29.48 -0.28 -33.93	31.17 -0.39 -37.99	30.64 -0.41 -37.97	31.26 -0.40 -38.35	29.07 -0.49 -36.14	28.44 1.16 -14.36	38.87 2.10 -10.60	32.88 1.04 -17.55	29.06 0.53 -21.42	34.47 1.97 -9.64	29.71 2.38 -1.84	31.63 2.37 -4.72	38.34 2.54 -8.08	36.78 1.68 -15.73	39.61 1.78 -18.08	39.94 2.66 -9.12	94.82 -0.84 -104.98	65.37 4.93 -1.28	44.59 2.83 -9.30	48.38 -0.36 -52.76	41.26 -0.11 -42.61	35.68 0.57 -29.04	29.38 1.32 -13.06
BRISTLHL_115KV_TB1 79998	0.09 0.05 -7.17	1.95 0.04 -6.08	0.45 0.07 -6.81	-0.05 0.07 -6.81	0.25 0.07 -6.87	-0.05 0.06 -6.48	15.63 -0.12 -2.83	28.97 -0.21 -3.01	18.11 -0.10 -3.92	11.52 -0.05 -4.47	25.88 -0.16 -3.18	25.73 -0.18 -0.41	25.19 -0.16 -0.81	28.88 -0.17 -1.34	21.79 -0.15 -2.57	22.62 -0.14 -3.01	29.51 -0.20 -1.54	8.59 0.06 -17.85	58.79 -0.59 -0.22	33.62 -0.36 -1.53	4.61 0.04 -8.59	5.71 0.01 -6.94	10.72 -0.07 -4.73	16.95 -0.18 -2.13
BROOKHAVEN___DRP 24191	32.33 -0.52 -39.98	29.48 -0.28 -33.93	31.18 -0.38 -37.99	30.64 -0.40 -37.97	31.26 -0.40 -38.35	29.07 -0.49 -36.14	28.44 1.16 -14.36	38.87 2.10 -10.60	32.88 1.04 -17.55	29.04 0.52 -21.42	34.37 1.87 -9.64	29.45 2.26 -1.69	31.09 2.27 -4.27	38.24 2.46 -8.07	36.72 1.63 -15.73	39.62 1.80 -18.08	39.95 2.67 -9.12	94.81 -0.84 -104.98	65.81 5.37 -1.28	44.74 2.98 -9.30	48.37 -0.37 -52.76	41.26 -0.11 -42.61	35.68 0.58 -29.04	29.37 1.31 -13.06

BROOKLYN_NAVY_YARD 23515	32.56 -0.29 -39.97	29.60 -0.15 -33.92	31.33 -0.23 -37.98	30.80 -0.24 -37.96	31.42 -0.23 -38.34	29.29 -0.25 -36.14	27.90 0.63 -14.34	37.96 1.25 -10.54	32.48 0.69 -17.49	28.89 0.38 -21.41	33.80 1.30 -9.64	29.37 1.40 -2.48	28.56 1.39 -2.62	37.29 1.57 -8.00	36.19 1.10 -15.72	38.88 1.06 -18.07	38.65 1.55 -8.93	95.12 -0.51 -104.96	62.88 3.01 -0.70	43.40 1.65 -9.30	48.52 -0.21 -52.75	41.29 -0.07 -42.60	35.40 0.30 -29.03	28.74 0.69 -13.05
BROOKLYN___ARMY_DRP 323595	32.50 -0.35 -39.98	29.58 -0.17 -33.92	31.31 -0.25 -37.99	30.78 -0.26 -37.97	31.41 -0.25 -38.34	29.28 -0.28 -36.14	27.84 0.63 -14.29	37.78 1.33 -10.28	32.29 0.73 -17.27	28.91 0.40 -21.42	33.86 1.36 -9.64	29.44 1.46 -2.48	28.65 1.48 -2.62	37.38 1.66 -8.00	36.27 1.18 -15.72	38.95 1.13 -18.07	38.75 1.66 -8.93	95.11 -0.53 -104.97	63.10 3.23 -0.71	43.55 1.79 -9.30	48.50 -0.23 -52.75	41.29 -0.07 -42.60	35.44 0.34 -29.04	28.84 0.79 -13.05
BROOKVLE_69_KV_TB1 55790	32.43 -0.43 -39.99	29.53 -0.23 -33.93	31.24 -0.33 -37.99	30.70 -0.34 -37.97	31.33 -0.34 -38.35	29.17 -0.39 -36.14	28.17 0.89 -14.35	38.42 1.68 -10.57	32.68 0.86 -17.52	28.99 0.47 -21.42	34.17 1.67 -9.64	31.93 1.98 -4.46	40.35 1.95 -13.85	38.16 2.10 -8.34	36.52 1.42 -15.73	39.31 1.48 -18.08	39.51 2.13 -9.21	95.01 -0.65 -104.98	64.96 4.23 -1.56	44.11 2.35 -9.30	48.45 -0.29 -52.76	41.28 -0.09 -42.61	35.55 0.44 -29.04	29.08 1.02 -13.05
BROOME_2_LFGE 323671	10.02 -0.10 -17.25	10.43 -0.04 -14.63	9.91 -0.05 -16.39	9.40 -0.05 -16.38	9.79 -0.06 -16.54	8.92 -0.08 -15.59	19.03 0.11 -5.99	30.04 0.19 -3.68	20.58 0.11 -6.18	15.16 0.08 -7.98	25.33 0.31 -2.16	26.67 0.36 -0.81	24.82 0.43 0.16	30.30 0.50 -2.08	25.49 0.31 -5.81	24.94 0.32 -4.88	29.28 0.39 -0.72	31.36 -0.11 -40.80	57.44 0.65 2.38	35.79 0.30 -3.04	16.64 -0.04 -20.70	15.46 -0.01 -16.72	17.54 0.08 -11.39	20.30 0.18 -5.12
BROOME___LFGE 323600	10.02 -0.10 -17.25	10.43 -0.04 -14.63	9.91 -0.05 -16.39	9.40 -0.05 -16.38	9.79 -0.06 -16.54	8.92 -0.08 -15.59	19.03 0.11 -5.99	30.04 0.19 -3.68	20.58 0.11 -6.18	15.16 0.08 -7.98	25.33 0.31 -2.16	26.67 0.36 -0.81	24.82 0.43 0.16	30.30 0.50 -2.08	25.49 0.31 -5.81	24.94 0.32 -4.88	29.28 0.39 -0.72	31.36 -0.11 -40.80	57.44 0.65 2.38	35.79 0.30 -3.04	16.64 -0.04 -20.70	15.46 -0.01 -16.72	17.54 0.08 -11.39	20.30 0.18 -5.12
BROWNFLS_115KV_TB_3_5 80003	-3.61 0.54 -2.98	-1.37 0.27 -2.53	-3.20 0.40 -2.83	-3.70 0.40 -2.83	-3.40 0.43 -2.86	-3.42 0.47 -2.69	12.47 -0.97 -0.51	22.11 -2.09 1.96	12.11 -1.11 1.07	27.63 -0.59 -21.12	52.59 -1.96 -31.69	23.49 -2.18 -0.17	29.47 -2.13 -7.06	25.79 -2.48 -0.56	18.82 -1.61 -1.07	19.25 -1.74 -1.25	26.56 -2.25 -0.64	13.46 0.80 -22.00	57.09 -2.54 -0.47	31.65 -1.44 -0.64	-0.23 0.22 -3.57	1.73 0.09 -2.88	7.78 -0.25 -1.96	15.30 -0.58 -0.88
BROWNSV1_27_KV_LOAD 356125	32.46 -0.38 -39.97	29.55 -0.21 -33.92	31.25 -0.30 -37.98	30.71 -0.32 -37.96	31.34 -0.31 -38.34	29.21 -0.34 -36.14	28.04 0.77 -14.34	38.27 1.57 -10.52	32.61 0.84 -17.48	28.98 0.47 -21.41	34.09 1.59 -9.64	29.71 1.73 -2.48	28.88 1.71 -2.62	37.66 1.93 -8.00	36.44 1.35 -15.72	39.16 1.34 -18.07	39.04 1.94 -8.93	95.00 -0.63 -104.96	63.71 3.84 -0.70	43.87 2.11 -9.30	48.46 -0.26 -52.75	41.27 -0.09 -42.60	35.49 0.39 -29.03	28.93 0.88 -13.05
BURROWS___LYONSDAL 23803	-3.80 0.16 -3.17	-1.42 0.06 -2.69	-3.35 0.07 -3.01	-3.84 0.08 -3.01	-3.53 0.12 -3.04	-3.58 0.14 -2.87	13.60 -0.32 -1.00	25.71 -0.55 -0.10	14.80 -0.19 -0.69	13.61 -0.18 -6.69	31.10 -0.61 -8.85	25.05 -0.64 -0.18	26.05 -0.50 -2.01	27.67 -0.64 -0.59	20.14 -0.36 -1.14	20.76 -0.31 -1.33	28.61 -0.24 -0.68	2.27 0.13 -11.47	60.01 0.66 -0.19	33.23 0.10 -0.68	-0.18 0.05 -3.80	1.86 0.03 -3.07	8.09 -0.07 -2.09	15.80 -0.14 -0.94
CAITHNESS_CC_1 323624	32.35 -0.51 -39.98	29.49 -0.27 -33.93	31.20 -0.36 -37.99	30.66 -0.38 -37.97	31.28 -0.38 -38.35	29.09 -0.47 -36.14	28.42 1.14 -14.36	38.79 2.01 -10.60	32.84 1.00 -17.55	29.02 0.50 -21.42	34.33 1.83 -9.64	29.41 2.22 -1.69	31.04 2.23 -4.26	38.17 2.39 -8.07	36.68 1.58 -15.73	39.56 1.74 -18.08	39.85 2.56 -9.12	94.85 -0.81 -104.98	65.60 5.16 -1.28	44.61 2.86 -9.30	48.39 -0.35 -52.76	41.27 -0.10 -42.61	35.66 0.55 -29.04	29.32 1.27 -13.06
CALPINE BETH_PAGE_GT4 24209	32.43 -0.42 -39.98	29.54 -0.22 -33.93	31.26 -0.30 -37.99	30.72 -0.32 -37.97	31.34 -0.32 -38.35	29.18 -0.38 -36.14	28.14 0.86 -14.36	38.32 1.57 -10.58	32.60 0.77 -17.53	28.93 0.41 -21.42	34.05 1.55 -9.64	31.07 1.92 -3.66	36.76 1.91 -10.31	37.97 2.01 -8.24	36.42 1.33 -15.73	39.24 1.42 -18.08	39.36 2.04 -9.15	95.03 -0.63 -104.98	64.61 4.06 -1.38	44.02 2.26 -9.30	48.46 -0.28 -52.76	41.28 -0.09 -42.61	35.55 0.44 -29.04	29.12 1.06 -13.06
CALPINE_BETH_PAGE_GT_4 323586	32.43 -0.42 -39.98	29.54 -0.22 -33.93	31.26 -0.30 -37.99	30.72 -0.33 -37.97	31.34 -0.32 -38.35	29.18 -0.38 -36.14	28.15 0.87 -14.36	38.32 1.56 -10.58	32.61 0.79 -17.53	28.93 0.41 -21.42	34.05 1.55 -9.64	31.08 1.92 -3.66	36.77 1.91 -10.31	37.96 2.00 -8.24	36.42 1.32 -15.73	39.24 1.42 -18.08	39.36 2.04 -9.15	95.03 -0.63 -104.98	64.62 4.07 -1.38	44.02 2.26 -9.30	48.46 -0.28 -52.76	41.28 -0.09 -42.61	35.55 0.44 -29.04	29.12 1.06 -13.06
CALPINE_BP_GT1 23823	32.43 -0.42 -39.98	29.54 -0.22 -33.93	31.26 -0.30 -37.99	30.72 -0.33 -37.97	31.34 -0.32 -38.35	29.18 -0.38 -36.14	28.15 0.87 -14.36	38.32 1.56 -10.58	32.61 0.79 -17.53	28.93 0.41 -21.42	34.05 1.55 -9.64	31.08 1.92 -3.66	36.77 1.91 -10.31	37.96 2.00 -8.24	36.42 1.32 -15.73	39.24 1.42 -18.08	39.36 2.04 -9.15	95.03 -0.63 -104.98	64.62 4.07 -1.38	44.02 2.26 -9.30	48.46 -0.28 -52.76	41.28 -0.09 -42.61	35.55 0.44 -29.04	29.12 1.06 -13.06
CALSPAN___DRP 24200	3.71 -0.01 -10.84	5.05 0.02 -9.20	3.94 0.07 -10.30	3.45 0.08 -10.30	3.78 0.06 -10.40	3.22 0.00 -9.80	14.07 -0.15 -1.30	18.54 -0.14 7.49	8.85 -0.02 5.42	10.47 -0.08 -3.45	16.36 -0.20 6.30	24.99 -0.25 0.25	18.61 -0.23 5.70	23.86 -0.14 3.72	21.04 -0.25 -1.92	12.04 -0.32 7.39	14.86 -0.58 12.72	14.65 0.20 -23.78	43.49 -1.67 14.01	30.52 -0.99 0.95	9.09 0.11 -13.01	9.30 0.03 -10.51	13.18 -0.05 -7.16	18.23 0.01 -3.22
CALVERTON___SOLAR 323806	32.30 -0.55 -39.98	29.47 -0.29 -33.93	31.16 -0.40 -37.99	30.62 -0.42 -37.97	31.24 -0.42 -38.35	29.04 -0.51 -36.14	28.51 1.22 -14.36	38.96 2.19 -10.60	32.94 1.10 -17.55	29.06 0.54 -21.42	34.43 1.93 -9.64	29.52 2.33 -1.69	31.17 2.35 -4.27	38.32 2.54 -8.07	36.79 1.69 -15.73	39.70 1.88 -18.08	40.07 2.79 -9.12	94.78 -0.88 -104.98	66.08 5.64 -1.28	44.88 3.13 -9.30	48.36 -0.38 -52.76	41.26 -0.11 -42.61	35.71 0.60 -29.04	29.42 1.37 -13.06
CANDIGU_WT_PWR 323617	6.23 0.12 -13.24	7.17 0.10 -11.24	6.31 0.16 -12.58	5.85 0.20 -12.58	6.19 0.17 -12.70	5.54 0.16 -11.97	16.15 -0.38 -3.60	24.38 -0.50 1.29	14.91 -0.24 -0.86	12.47 -0.14 -5.51	20.85 -0.62 1.39	24.98 -0.84 -0.32	21.56 -0.63 2.35	26.97 -0.34 0.41	22.85 -0.29 -3.77	18.80 -0.53 0.42	22.51 -0.96 4.69	21.61 0.36 -30.59	50.08 -2.28 6.81	32.36 -1.30 -1.20	12.03 0.15 -15.89	11.64 0.04 -12.84	14.65 -0.17 -8.75	18.52 -0.41 -3.93

CARR STREET_E_SYR 24060	0.59 0.00 -7.72	2.39 0.01 -6.55	0.93 0.02 -7.34	0.43 0.03 -7.33	0.74 0.02 -7.41	0.40 0.00 -6.98	15.93 -0.02 -3.03	29.25 -0.05 -3.13	18.40 -0.02 -4.13	10.86 0.00 -3.75	24.63 0.03 -1.75	25.99 0.05 -0.44	25.11 0.07 -0.50	29.24 0.08 -1.44	22.17 0.02 -2.78	23.03 0.03 -3.25	29.86 0.04 -1.66	9.12 -0.02 -18.46	59.22 -0.15 -0.21	33.98 -0.13 -1.65	5.26 0.01 -9.27	6.25 0.00 -7.49	11.15 -0.02 -5.10	17.23 -0.06 -2.29
CARTHAGE___PAPER 23857	-2.38 0.33 -4.41	-0.29 0.13 -3.74	-2.04 0.20 -4.20	-2.52 0.21 -4.19	-2.18 0.27 -4.23	-2.28 0.32 -3.99	13.72 -0.64 -1.43	25.45 -1.06 -0.34	14.97 -0.47 -1.14	17.69 -0.37 -10.96	36.52 -1.25 -14.90	24.41 -1.34 -0.25	26.70 -1.21 -3.37	27.09 -1.45 -0.82	20.02 -0.93 -1.58	20.72 -0.88 -1.85	28.25 -0.86 -0.95	8.26 0.38 -17.20	59.59 0.14 -0.29	33.06 -0.34 -0.94	1.39 0.12 -5.29	3.09 0.06 -4.27	8.80 -0.17 -2.91	15.91 -0.40 -1.31
CASSADAGA_WT_PWR 323784	4.07 0.02 -11.18	5.41 0.09 -9.49	4.31 0.11 -10.63	3.83 0.14 -10.62	4.17 0.13 -10.73	3.54 0.02 -10.11	14.67 -0.18 -1.92	20.58 -0.53 5.06	10.70 -0.33 3.27	10.73 -0.06 -3.68	17.08 0.10 5.88	25.31 0.01 0.20	19.05 -0.06 5.43	24.20 -0.09 3.44	21.21 -0.28 -2.12	12.52 -0.44 6.78	15.35 -0.76 12.06	15.60 0.26 -24.67	44.11 -1.61 13.45	30.61 -1.10 0.75	9.50 0.11 -13.42	9.62 0.03 -10.83	13.38 -0.07 -7.38	18.53 0.21 -3.32
CE_DUNWOOD___DRP 24194	32.45 -0.32 -39.91	29.52 -0.17 -33.86	31.23 -0.25 -37.92	30.70 -0.27 -37.90	31.32 -0.26 -38.28	29.20 -0.29 -36.07	27.88 0.63 -14.32	37.94 1.26 -10.51	32.42 0.67 -17.45	28.84 0.37 -21.37	33.75 1.27 -9.62	29.36 1.39 -2.47	28.53 1.37 -2.62	37.24 1.54 -7.99	36.14 1.08 -15.69	38.85 1.06 -18.03	38.64 1.57 -8.91	94.92 -0.51 -104.76	62.98 3.11 -0.70	43.44 1.71 -9.28	48.41 -0.21 -52.65	41.21 -0.07 -42.52	35.36 0.31 -28.98	28.75 0.72 -13.02
CE_MILLWOOD___DRP 24193	32.33 -0.31 -39.78	29.41 -0.17 -33.75	31.11 -0.25 -37.79	30.58 -0.27 -37.77	31.20 -0.26 -38.15	29.09 -0.28 -35.96	27.80 0.61 -14.27	37.85 1.22 -10.46	32.32 0.65 -17.37	28.75 0.36 -21.29	33.66 1.23 -9.58	29.30 1.34 -2.46	28.47 1.32 -2.61	37.15 1.48 -7.95	36.04 1.04 -15.63	38.74 1.02 -17.97	38.55 1.51 -8.87	94.55 -0.50 -104.37	62.86 3.00 -0.70	43.36 1.66 -9.25	48.22 -0.21 -52.45	41.05 -0.07 -42.36	35.24 0.30 -28.87	28.68 0.70 -12.98
CE_NYC2_DRP 24202	32.52 -0.32 -39.98	29.58 -0.17 -33.92	31.30 -0.25 -37.99	30.77 -0.27 -37.97	31.40 -0.26 -38.34	29.27 -0.29 -36.14	27.90 0.65 -14.33	37.96 1.33 -10.47	32.44 0.72 -17.43	28.92 0.40 -21.42	33.86 1.36 -9.64	29.46 1.49 -2.48	28.65 1.48 -2.62	37.37 1.65 -8.00	36.26 1.17 -15.72	38.95 1.13 -18.07	38.76 1.66 -8.93	95.10 -0.54 -104.97	63.11 3.24 -0.71	43.53 1.78 -9.30	48.51 -0.23 -52.75	41.29 -0.07 -42.60	35.43 0.32 -29.04	28.80 0.75 -13.05
CE_NYC_DRP 24195	32.53 -0.32 -39.97	29.58 -0.17 -33.92	31.30 -0.25 -37.98	30.77 -0.27 -37.96	31.39 -0.26 -38.34	29.27 -0.28 -36.14	27.91 0.65 -14.34	38.00 1.31 -10.52	32.47 0.70 -17.48	28.91 0.40 -21.41	33.86 1.36 -9.64	29.45 1.48 -2.48	28.64 1.47 -2.62	37.37 1.65 -8.00	36.24 1.15 -15.72	38.95 1.14 -18.07	38.74 1.65 -8.93	95.10 -0.53 -104.96	63.05 3.18 -0.70	43.50 1.74 -9.30	48.51 -0.22 -52.75	41.29 -0.07 -42.60	35.42 0.32 -29.03	28.78 0.73 -13.05
CHAFFEE___LFGE 323603	3.89 0.00 -11.03	5.21 0.02 -9.35	4.13 0.08 -10.47	3.63 0.08 -10.47	3.96 0.07 -10.57	3.38 0.00 -9.97	14.53 -0.16 -1.77	20.18 -0.45 5.54	10.33 -0.25 3.71	10.61 -0.07 -3.58	16.60 -0.22 6.04	25.05 -0.23 0.22	18.82 -0.20 5.53	24.05 -0.12 3.55	21.20 -0.20 -2.04	12.47 -0.26 7.02	15.36 -0.50 12.30	15.10 0.16 -24.26	44.14 -1.38 13.65	30.80 -0.83 0.83	9.29 0.09 -13.23	9.46 0.03 -10.68	13.32 -0.03 -7.28	18.32 0.05 -3.27
CHATEAUG_35_KV_LOAD 355732	-4.64 0.81 -1.69	-2.28 0.46 -1.43	-4.15 0.68 -1.60	-4.75 0.57 -1.60	-4.56 0.51 -1.62	-4.54 0.53 -1.52	11.46 -1.03 0.43	18.78 -2.80 4.59	9.03 -1.74 3.53	-11.43 -0.83 17.70	-8.79 -2.84 28.82	22.35 -3.24 -0.09	14.98 -3.20 6.36	24.42 -3.61 -0.31	17.55 -2.42 -0.60	17.73 -2.72 -0.71	25.02 -3.51 -0.36	-18.17 1.17 10.01	54.14 -4.71 0.32	30.93 -1.88 -0.36	-1.76 0.25 -2.01	0.46 0.07 -1.63	6.92 -0.25 -1.11	14.84 -0.66 -0.50
CHATEAUG_WT_PWR 323614	-4.67 0.83 -1.63	-2.31 0.47 -1.38	-4.18 0.70 -1.55	-4.80 0.58 -1.55	-4.61 0.51 -1.56	-4.59 0.52 -1.47	11.43 -1.03 0.46	19.18 -2.32 4.67	9.18 -1.51 3.60	-7.74 -0.86 13.98	-2.97 -2.92 22.92	22.25 -3.34 -0.09	16.26 -3.23 5.06	24.35 -3.68 -0.30	17.52 -2.43 -0.58	17.65 -2.78 -0.68	24.97 -3.55 -0.35	-15.36 1.27 7.30	54.07 -4.85 0.24	30.89 -1.91 -0.35	-1.82 0.26 -1.95	0.40 0.07 -1.57	6.87 -0.27 -1.07	14.78 -0.71 -0.48
CHAT_HIGH_FALL_HYD 323578	-4.64 0.81 -1.69	-2.28 0.46 -1.43	-4.15 0.68 -1.60	-4.75 0.57 -1.60	-4.56 0.51 -1.62	-4.54 0.53 -1.52	11.47 -1.03 0.43	19.29 -2.29 4.59	9.30 -1.46 3.53	-11.43 -0.83 17.70	-8.79 -2.83 28.82	22.35 -3.25 -0.09	14.99 -3.20 6.36	24.40 -3.63 -0.31	17.54 -2.43 -0.60	17.72 -2.73 -0.71	25.01 -3.52 -0.36	-18.08 1.26 10.01	54.14 -4.71 0.32	30.94 -1.88 -0.36	-1.76 0.25 -2.01	0.46 0.07 -1.63	6.92 -0.25 -1.11	14.84 -0.66 -0.50
CHAUTAUQUA___LFGE 323629	3.95 -0.01 -11.09	5.29 0.04 -9.42	4.20 0.08 -10.54	3.71 0.09 -10.54	4.03 0.08 -10.64	3.43 -0.01 -10.03	14.38 -0.16 -1.61	19.33 -0.44 6.40	9.62 -0.25 4.42	10.66 -0.06 -3.61	16.77 -0.06 6.03	25.17 -0.12 0.22	18.91 -0.10 5.53	24.08 -0.10 3.54	21.18 -0.25 -2.06	12.40 -0.35 7.00	15.26 -0.60 12.30	15.28 0.18 -24.43	44.09 -1.41 13.66	30.69 -0.95 0.82	9.38 0.10 -13.31	9.54 0.03 -10.75	13.36 -0.03 -7.33	18.39 0.10 -3.29
CHERRYST_13_KV_LD 356241	32.51 -0.34 -39.97	29.57 -0.18 -33.92	31.29 -0.26 -37.98	30.75 -0.28 -37.96	31.38 -0.27 -38.34	29.25 -0.30 -36.14	27.95 0.69 -14.34	38.09 1.40 -10.52	32.53 0.76 -17.48	28.94 0.42 -21.41	33.93 1.43 -9.64	29.54 1.57 -2.48	28.72 1.56 -2.62	37.47 1.75 -8.00	36.31 1.22 -15.72	39.02 1.20 -18.07	38.84 1.74 -8.93	95.07 -0.56 -104.96	63.24 3.37 -0.70	43.59 1.84 -9.30	48.49 -0.23 -52.75	41.28 -0.08 -42.60	35.44 0.34 -29.03	28.82 0.77 -13.05
CHESTROR_138KV_BK263 355645	30.08 -0.27 -37.48	27.49 -0.15 -31.80	28.97 -0.22 -35.61	28.43 -0.24 -35.60	29.03 -0.23 -35.95	27.05 -0.24 -33.88	26.86 0.52 -13.42	36.91 1.03 -9.71	31.04 0.55 -16.19	27.31 0.30 -19.91	32.78 1.00 -8.92	28.91 1.11 -2.30	28.03 1.08 -2.41	36.34 1.21 -7.41	34.83 0.85 -14.61	37.35 0.86 -16.75	37.68 1.28 -8.24	87.84 -0.42 -97.59	62.32 2.57 -0.59	42.49 1.41 -8.63	44.85 -0.18 -49.05	38.31 -0.06 -39.61	33.32 0.26 -27.00	27.73 0.60 -12.14
CH_MIDHUDSON___DRP 24192	33.47 -0.32 -40.93	30.38 -0.18 -34.73	32.20 -0.26 -38.89	31.66 -0.28 -38.87	32.29 -0.27 -39.25	30.13 -0.29 -37.00	28.31 0.63 -14.75	38.54 1.25 -11.12	33.16 0.67 -18.20	29.42 0.36 -21.96	33.98 1.21 -9.91	29.40 1.36 -2.55	28.56 1.32 -2.70	37.42 1.47 -8.23	36.53 1.04 -16.12	39.35 1.05 -18.55	38.90 1.55 -9.18	97.82 -0.50 -107.64	63.08 3.17 -0.74	43.74 1.74 -9.54	49.86 -0.22 -54.10	42.38 -0.07 -43.69	36.15 0.31 -29.77	29.10 0.72 -13.38

CH_MISC_IPPS 23765	32.72 -0.36 -40.22	29.76 -0.20 -34.12	31.49 -0.30 -38.21	30.95 -0.32 -38.19	31.57 -0.31 -38.57	29.44 -0.32 -36.36	28.11 0.71 -14.48	38.42 1.41 -10.85	32.86 0.77 -17.80	29.04 0.40 -21.53	33.80 1.30 -9.65	29.41 1.43 -2.48	28.56 1.39 -2.63	37.31 1.58 -8.01	36.33 1.16 -15.81	39.11 1.19 -18.17	38.90 1.75 -8.98	95.64 -0.58 -105.55	63.47 3.60 -0.71	43.77 1.96 -9.35	48.78 -0.24 -53.05	41.52 -0.08 -42.84	35.61 0.35 -29.20	28.93 0.80 -13.12
CH_RES_BVR_FALLS 23983	-5.59 0.44 -1.11	-2.99 0.24 -0.94	-5.06 0.32 -1.05	-5.56 0.32 -1.05	-5.31 0.32 -1.06	-5.21 0.38 -1.00	11.97 -0.77 0.19	22.12 -1.47 2.58	11.50 -0.84 1.95	1.55 -0.49 5.06	12.62 -1.66 8.57	23.78 -1.78 -0.06	20.79 -1.87 1.88	25.82 -2.10 -0.20	18.43 -1.33 -0.40	18.81 -1.40 -0.46	26.46 -1.94 -0.23	-10.19 0.76 1.61	56.33 -2.76 0.08	31.40 -1.29 -0.23	-2.53 0.18 -1.32	-0.11 0.07 -1.06	6.58 -0.21 -0.72	14.89 -0.44 -0.32
CH_RES_NIAGARA 23895	3.37 0.11 -10.39	4.73 0.09 -8.81	3.65 0.21 -9.87	3.16 0.23 -9.86	3.48 0.21 -9.96	2.94 0.14 -9.39	12.31 -0.48 0.13	11.51 -1.21 13.45	2.94 -0.69 10.66	9.81 -0.30 -3.01	14.35 -1.03 7.48	24.00 -1.11 0.39	16.90 -1.12 6.52	22.00 -1.20 4.51	19.87 -1.01 -1.52	9.60 -1.11 9.05	11.75 -1.76 14.66	13.64 0.54 -22.43	38.76 -4.62 15.78	28.41 -2.60 1.45	8.73 0.30 -12.46	8.91 0.09 -10.06	12.60 -0.33 -6.86	17.42 -0.66 -3.08
CH_RES_SYRACUSE 23985	1.03 -0.04 -8.20	2.77 -0.02 -6.96	1.35 -0.02 -7.79	0.84 -0.02 -7.79	1.16 -0.02 -7.86	0.79 -0.04 -7.41	16.24 0.07 -3.25	29.70 0.16 -3.38	18.80 0.08 -4.43	11.13 0.04 -3.99	24.88 0.16 -1.86	26.16 0.19 -0.47	25.28 0.20 -0.53	29.50 0.25 -1.53	22.45 0.13 -2.95	23.36 0.16 -3.45	30.15 0.22 -1.77	10.21 -0.08 -19.62	59.69 0.30 -0.23	34.32 0.10 -1.76	5.82 -0.02 -9.85	6.71 -0.01 -7.96	11.51 0.02 -5.43	17.47 0.03 -2.44
CLINTON_WT_PWR 323605	-4.67 0.83 -1.63	-2.31 0.47 -1.38	-4.18 0.70 -1.55	-4.80 0.58 -1.55	-4.61 0.51 -1.56	-4.59 0.52 -1.47	11.43 -1.03 0.46	19.18 -2.32 4.67	9.18 -1.51 3.60	-7.74 -0.86 13.98	-2.97 -2.92 22.92	22.25 -3.34 -0.09	16.26 -3.23 5.06	24.35 -3.68 -0.30	17.52 -2.43 -0.58	17.65 -2.78 -0.68	24.97 -3.55 -0.35	-15.36 1.27 7.30	54.07 -4.85 0.24	30.89 -1.91 -0.35	-1.82 0.26 -1.95	0.40 0.07 -1.57	6.87 -0.27 -1.07	14.78 -0.71 -0.48
CLINTON__LFGE 323618	-4.76 0.73 -1.64	-2.35 0.42 -1.39	-4.24 0.63 -1.56	-4.87 0.50 -1.56	-4.68 0.43 -1.58	-4.67 0.43 -1.49	11.71 -0.83 0.38	20.05 -1.82 4.29	9.77 -1.24 3.29	-8.57 -0.72 14.95	-4.09 -2.49 24.46	22.74 -2.85 -0.09	16.39 -2.76 5.40	24.85 -3.18 -0.30	17.84 -2.12 -0.59	18.00 -2.44 -0.69	25.49 -3.03 -0.35	-16.27 1.07 8.01	55.19 -3.71 0.26	31.51 -1.29 -0.35	-1.88 0.18 -1.97	0.39 0.05 -1.59	6.99 -0.16 -1.08	15.03 -0.46 -0.49
COBBLENY_34_KV_TB1 80064	3.89 0.00 -11.03	5.20 0.02 -9.35	4.12 0.08 -10.47	3.63 0.08 -10.47	3.96 0.07 -10.57	3.38 0.00 -9.97	14.54 -0.15 -1.77	20.51 -0.12 5.54	10.56 -0.02 3.71	10.62 -0.07 -3.58	16.64 -0.18 6.04	25.05 -0.23 0.22	18.81 -0.20 5.53	24.07 -0.10 3.55	21.20 -0.21 -2.04	12.46 -0.27 7.02	15.36 -0.50 12.30	15.11 0.18 -24.26	44.14 -1.38 13.65	30.81 -0.82 0.83	9.29 0.09 -13.23	9.46 0.03 -10.68	13.31 -0.03 -7.28	18.31 0.04 -3.27
COFFEEN__115KV_TB3 355620	-1.90 0.28 -4.95	0.13 0.10 -4.20	-1.56 0.17 -4.70	-2.05 0.18 -4.70	-1.70 0.24 -4.75	-1.83 0.29 -4.47	14.20 -0.53 -1.81	26.65 -0.89 -1.38	16.04 -0.37 -2.11	16.55 -0.29 -9.74	34.55 -1.00 -12.69	24.66 -1.12 -0.28	26.42 -1.01 -2.88	27.49 -1.15 -0.92	20.36 -0.78 -1.77	21.13 -0.69 -2.08	28.71 -0.51 -1.06	8.28 0.25 -17.36	60.21 0.77 -0.28	33.44 -0.07 -1.06	1.99 0.09 -5.92	3.59 0.04 -4.79	9.19 -0.14 -3.26	16.12 -0.35 -1.47
COLDSPRG_115KV_BK1 355956	4.00 -0.20 -11.32	5.38 -0.06 -9.61	4.24 -0.09 -10.76	3.73 -0.09 -10.75	4.08 -0.10 -10.86	3.46 -0.18 -10.24	15.59 0.26 -2.41	23.88 0.65 2.94	13.25 0.39 1.43	11.08 0.18 -3.80	18.07 0.85 5.65	26.29 0.96 0.17	20.17 0.90 5.27	25.56 1.11 3.28	22.20 0.61 -2.22	13.89 0.59 6.45	17.17 0.68 11.68	15.58 -0.15 -25.05	47.28 1.23 13.11	32.36 0.54 0.64	9.48 -0.08 -13.58	9.70 -0.03 -10.97	13.77 0.23 -7.48	19.13 0.77 -3.36
COLONIE_LFGE__ 323577	41.39 -0.23 -48.75	37.06 -0.14 -41.37	39.67 -0.22 -46.32	39.13 -0.24 -46.30	39.84 -0.23 -46.76	37.27 -0.21 -44.07	31.19 0.48 -17.79	41.61 1.00 -14.44	37.85 0.55 -23.01	34.41 0.26 -27.05	36.22 0.82 -12.54	29.59 0.92 -3.16	29.01 0.87 -3.59	39.04 0.98 -10.34	39.95 0.68 -19.90	43.74 0.69 -23.31	41.03 0.94 -11.92	122.71 -0.33 -132.37	62.71 2.02 -1.53	45.42 1.10 -11.87	62.32 -0.14 -66.48	52.41 -0.04 -53.69	42.85 0.19 -36.59	31.93 0.49 -16.45
COOPERNY_115KV_TB1 80082	24.19 -0.21 -31.53	22.48 -0.11 -26.76	23.37 -0.17 -29.97	22.84 -0.18 -29.95	23.38 -0.17 -30.24	21.73 -0.19 -28.51	24.62 0.39 -11.31	35.13 0.77 -8.19	28.19 0.41 -13.49	23.31 0.24 -15.97	30.62 0.81 -6.94	28.21 0.89 -1.82	27.23 0.89 -1.80	34.50 0.98 -5.80	31.67 0.69 -11.61	33.56 0.69 -13.13	35.46 1.02 -6.28	68.12 -0.34 -77.78	61.40 2.04 -0.20	40.40 1.12 -6.82	34.95 -0.14 -39.12	30.30 -0.05 -31.59	27.80 0.20 -21.53	25.16 0.48 -9.68
COPENHAGEN_WT_PWR 323753	-1.66 0.38 -5.09	0.30 0.14 -4.32	-1.36 0.24 -4.84	-1.84 0.26 -4.83	-1.47 0.33 -4.88	-1.59 0.39 -4.60	14.00 -0.78 -1.86	26.24 -1.34 -1.42	15.87 -0.60 -2.18	16.08 -0.43 -9.41	33.51 -1.44 -12.10	24.24 -1.55 -0.29	25.93 -1.37 -2.75	27.02 -1.65 -0.95	20.08 -1.11 -1.83	20.84 -1.05 -2.14	28.19 -1.07 -1.09	8.55 0.48 -17.40	59.24 -0.20 -0.28	32.87 -0.67 -1.09	2.25 0.17 -6.10	3.76 0.07 -4.92	9.16 -0.26 -3.36	15.90 -0.61 -1.51
CORNELL____ 23752	5.71 -0.19 -13.04	6.80 -0.10 -11.07	5.82 -0.14 -12.39	5.31 -0.15 -12.39	5.66 -0.16 -12.51	5.02 -0.18 -11.79	17.98 0.37 -4.68	30.57 0.85 -3.55	20.10 0.48 -5.33	13.43 0.21 -6.11	25.41 0.74 -1.82	26.97 0.83 -0.64	25.43 0.88 -0.01	30.48 1.06 -1.70	24.53 0.69 -4.47	24.40 0.69 -3.96	30.02 1.02 -0.84	21.53 -0.34 -31.20	59.76 2.13 1.54	35.94 1.10 -2.39	11.66 -0.13 -15.81	11.49 -0.04 -12.77	14.94 0.17 -8.70	19.32 0.41 -3.91
CORONAAV_69_KV_TB1 355595	32.42 -0.45 -40.00	29.52 -0.24 -33.93	31.23 -0.34 -37.99	30.69 -0.36 -37.97	31.32 -0.34 -38.35	29.16 -0.40 -36.14	28.21 0.94 -14.35	38.47 1.73 -10.57	32.68 0.87 -17.52	28.99 0.47 -21.42	34.23 1.72 -9.65	40.15 2.07 -12.58	62.25 2.04 -35.67	38.82 2.15 -8.95	36.56 1.47 -15.73	39.34 1.52 -18.08	39.62 2.22 -9.24	94.97 -0.69 -104.98	65.22 4.43 -1.63	44.23 2.46 -9.30	48.43 -0.31 -52.76	41.28 -0.10 -42.61	35.57 0.47 -29.04	29.15 1.09 -13.05
CORTLAND_115KV_TB3 80093	3.95 -0.12 -11.20	5.28 -0.06 -9.50	4.13 -0.08 -10.64	3.62 -0.09 -10.64	3.96 -0.09 -10.74	3.43 -0.11 -10.13	17.18 0.21 -4.05	29.73 0.48 -3.07	19.24 0.29 -4.66	12.54 0.13 -5.32	25.23 0.44 -1.93	26.58 0.50 -0.58	25.38 0.56 -0.28	30.07 0.66 -1.69	23.68 0.42 -3.90	24.07 0.43 -3.89	30.15 0.62 -1.36	17.18 -0.20 -26.72	59.73 1.27 0.70	35.27 0.64 -2.18	9.39 -0.07 -13.49	9.63 -0.03 -10.90	13.60 0.10 -7.43	18.58 0.23 -3.34

COXSACKIE___GT 23611	38.17 -0.53 -45.82	34.41 -0.30 -38.88	36.64 -0.48 -43.54	36.07 -0.52 -43.52	36.75 -0.51 -43.95	34.35 -0.49 -41.43	30.74 1.15 -16.67	41.87 2.37 -13.33	36.89 1.25 -21.35	32.89 0.62 -25.17	36.30 2.02 -11.42	30.54 2.12 -2.92	29.28 1.58 -3.15	38.90 1.72 -9.47	39.34 1.48 -18.49	42.82 1.71 -21.37	41.25 2.34 -10.75	114.10 -0.77 -124.20	65.12 4.95 -1.01	46.24 2.74 -11.04	58.07 -0.32 -62.41	49.07 -0.09 -50.40	40.84 0.42 -34.35	31.48 1.04 -15.44
CPV_VALLEY___CC1 323721	27.96 -0.22 -35.31	25.68 -0.12 -29.96	26.95 -0.18 -33.55	26.42 -0.19 -33.54	27.00 -0.18 -33.87	25.14 -0.20 -31.92	26.01 0.42 -12.66	36.18 0.82 -9.19	29.98 0.45 -15.24	25.95 0.24 -18.61	31.99 0.83 -8.30	28.55 0.90 -2.15	27.67 0.90 -2.23	35.62 1.00 -6.91	33.72 0.70 -13.65	36.05 0.69 -15.61	36.83 1.03 -7.64	81.53 -0.34 -91.20	61.70 2.04 -0.50	41.63 1.12 -8.06	41.68 -0.14 -45.84	35.73 -0.05 -37.02	31.50 0.20 -25.23	26.82 0.48 -11.34
CPV_VALLEY___CC2 323722	27.96 -0.22 -35.31	25.68 -0.12 -29.96	26.95 -0.18 -33.55	26.42 -0.19 -33.54	27.00 -0.18 -33.87	25.14 -0.20 -31.92	26.01 0.42 -12.66	36.18 0.82 -9.19	29.98 0.45 -15.24	25.95 0.24 -18.61	31.99 0.83 -8.30	28.55 0.90 -2.15	27.67 0.90 -2.23	35.62 1.00 -6.91	33.72 0.70 -13.65	36.05 0.69 -15.61	36.83 1.03 -7.64	81.53 -0.34 -91.20	61.70 2.04 -0.50	41.63 1.12 -8.06	41.68 -0.14 -45.84	35.73 -0.05 -37.02	31.50 0.20 -25.23	26.82 0.48 -11.34
CRESCENT___HYD 24018	41.39 -0.23 -48.75	37.06 -0.14 -41.37	39.67 -0.22 -46.32	39.13 -0.24 -46.30	39.84 -0.23 -46.76	37.27 -0.21 -44.07	31.19 0.48 -17.79	41.61 1.00 -14.44	37.85 0.55 -23.01	34.41 0.26 -27.05	36.22 0.82 -12.54	29.59 0.92 -3.16	29.01 0.87 -3.59	39.04 0.98 -10.34	39.95 0.68 -19.90	43.74 0.69 -23.31	41.03 0.94 -11.92	122.71 -0.33 -132.37	62.71 2.02 -1.53	45.42 1.10 -11.87	62.32 -0.14 -66.48	52.41 -0.04 -53.69	42.85 0.19 -36.59	31.93 0.49 -16.45
CRICKET___VALLEY_CC1 323756	34.52 -0.26 -41.91	31.25 -0.14 -35.56	33.19 -0.20 -39.83	32.65 -0.23 -39.81	33.29 -0.22 -40.20	31.07 -0.24 -37.89	28.55 0.51 -15.12	38.61 0.97 -11.48	33.58 0.53 -18.75	29.99 0.29 -22.60	34.09 1.02 -10.20	29.27 1.16 -2.62	28.41 1.08 -2.79	37.37 1.19 -8.47	36.80 0.83 -16.60	39.70 0.83 -19.12	38.88 1.24 -9.48	101.08 -0.39 -110.79	62.51 2.56 -0.80	43.67 1.39 -9.83	51.48 -0.17 -55.68	43.67 -0.05 -44.97	36.95 0.24 -30.64	29.34 0.56 -13.77
CRICKET___VALLEY_CC2 323757	34.52 -0.26 -41.91	31.25 -0.14 -35.56	33.19 -0.20 -39.83	32.65 -0.23 -39.81	33.29 -0.22 -40.20	31.07 -0.24 -37.89	28.55 0.51 -15.12	38.61 0.97 -11.48	33.58 0.53 -18.75	29.99 0.29 -22.60	34.09 1.02 -10.20	29.27 1.16 -2.62	28.41 1.08 -2.79	37.37 1.19 -8.47	36.80 0.83 -16.60	39.70 0.83 -19.12	38.88 1.24 -9.48	101.08 -0.39 -110.79	62.51 2.56 -0.80	43.67 1.39 -9.83	51.48 -0.17 -55.68	43.67 -0.05 -44.97	36.95 0.24 -30.64	29.34 0.56 -13.77
CRICKET___VALLEY_CC3 323758	34.52 -0.26 -41.91	31.25 -0.14 -35.56	33.19 -0.20 -39.83	32.65 -0.23 -39.81	33.29 -0.22 -40.20	31.07 -0.24 -37.89	28.55 0.51 -15.12	38.61 0.97 -11.48	33.58 0.53 -18.75	29.99 0.29 -22.60	34.09 1.02 -10.20	29.27 1.16 -2.62	28.41 1.08 -2.79	37.37 1.19 -8.47	36.80 0.83 -16.60	39.70 0.83 -19.12	38.88 1.24 -9.48	101.08 -0.39 -110.79	62.51 2.56 -0.80	43.67 1.39 -9.83	51.48 -0.17 -55.68	43.67 -0.05 -44.97	36.95 0.24 -30.64	29.34 0.56 -13.77
CRUCIBLE_METL_DRP 24180	1.03 -0.04 -8.20	2.77 -0.02 -6.96	1.34 -0.02 -7.79	0.84 -0.02 -7.79	1.16 -0.02 -7.86	0.79 -0.04 -7.41	16.24 0.07 -3.25	29.75 0.20 -3.38	18.84 0.12 -4.43	11.13 0.04 -3.99	24.88 0.16 -1.86	26.16 0.19 -0.47	25.27 0.20 -0.53	29.50 0.25 -1.53	22.45 0.13 -2.95	23.36 0.16 -3.45	30.15 0.22 -1.77	10.22 -0.08 -19.62	59.69 0.30 -0.23	34.32 0.10 -1.76	5.82 -0.02 -9.85	6.71 -0.01 -7.96	11.51 0.02 -5.43	17.47 0.03 -2.44
DAHOWA___HYDRO 323763	41.94 -0.37 -49.44	37.56 -0.23 -41.96	40.20 -0.35 -46.98	39.66 -0.37 -46.96	40.37 -0.36 -47.42	37.75 -0.36 -44.70	31.78 0.82 -18.03	42.52 1.74 -14.61	38.57 0.97 -23.31	34.97 0.44 -27.43	36.92 1.35 -12.71	30.17 1.46 -3.21	29.51 1.33 -3.64	39.62 1.41 -10.49	40.45 0.89 -20.19	44.29 0.91 -23.63	41.57 1.32 -12.09	124.45 -0.46 -134.23	63.52 2.81 -1.55	46.00 1.51 -12.03	63.22 -0.18 -67.42	53.15 -0.05 -54.45	43.41 0.24 -37.10	32.25 0.56 -16.68
DANC___LFGE 323619	-1.00 0.26 -5.87	0.92 0.11 -4.98	-0.67 0.18 -5.58	-1.16 0.19 -5.58	-0.82 0.23 -5.63	-1.01 0.26 -5.31	14.54 -0.53 -2.15	26.88 -0.92 -1.64	16.38 -0.42 -2.51	14.44 -0.28 -7.62	30.74 -0.97 -8.85	24.80 -1.03 -0.33	25.66 -0.93 -2.05	27.74 -1.08 -1.09	20.73 -0.74 -2.11	21.49 -0.73 -2.47	28.67 -0.76 -1.26	8.61 0.32 -17.62	58.99 -0.43 -0.26	33.11 -0.59 -1.25	3.14 0.12 -7.03	4.49 0.05 -5.68	9.74 -0.19 -3.87	16.28 -0.46 -1.74
DANSKAMMER___1 23586	32.72 -0.36 -40.22	29.76 -0.20 -34.12	31.49 -0.30 -38.21	30.95 -0.32 -38.19	31.57 -0.31 -38.57	29.44 -0.32 -36.36	28.11 0.71 -14.48	38.42 1.41 -10.85	32.86 0.77 -17.80	29.04 0.40 -21.53	33.80 1.30 -9.65	29.41 1.43 -2.48	28.56 1.39 -2.63	37.31 1.58 -8.01	36.33 1.16 -15.81	39.11 1.19 -18.17	38.90 1.75 -8.98	95.64 -0.58 -105.55	63.47 3.60 -0.71	43.77 1.96 -9.35	48.78 -0.24 -53.05	41.52 -0.08 -42.84	35.61 0.35 -29.20	28.93 0.80 -13.12
DANSKAMMER___2 23589	32.72 -0.36 -40.22	29.76 -0.20 -34.12	31.49 -0.30 -38.21	30.95 -0.32 -38.19	31.57 -0.31 -38.57	29.44 -0.32 -36.36	28.11 0.71 -14.48	38.42 1.41 -10.85	32.86 0.77 -17.80	29.04 0.40 -21.53	33.80 1.30 -9.65	29.41 1.43 -2.48	28.56 1.39 -2.63	37.31 1.58 -8.01	36.33 1.16 -15.81	39.11 1.19 -18.17	38.90 1.75 -8.98	95.64 -0.58 -105.55	63.47 3.60 -0.71	43.77 1.96 -9.35	48.78 -0.24 -53.05	41.52 -0.08 -42.84	35.61 0.35 -29.20	28.93 0.80 -13.12
DANSKAMMER___3 23590	32.72 -0.36 -40.22	29.76 -0.20 -34.12	31.49 -0.30 -38.21	30.95 -0.32 -38.19	31.57 -0.31 -38.57	29.44 -0.32 -36.36	28.11 0.71 -14.48	38.42 1.41 -10.85	32.86 0.77 -17.80	29.04 0.40 -21.53	33.80 1.30 -9.65	29.41 1.43 -2.48	28.56 1.39 -2.63	37.31 1.58 -8.01	36.33 1.16 -15.81	39.11 1.19 -18.17	38.90 1.75 -8.98	95.64 -0.58 -105.55	63.47 3.60 -0.71	43.77 1.96 -9.35	48.78 -0.24 -53.05	41.52 -0.08 -42.84	35.61 0.35 -29.20	28.93 0.80 -13.12
DANSKAMMER___4 23591	32.72 -0.36 -40.22	29.76 -0.20 -34.12	31.49 -0.30 -38.21	30.95 -0.32 -38.19	31.57 -0.31 -38.57	29.44 -0.32 -36.36	28.11 0.71 -14.48	38.42 1.41 -10.85	32.86 0.77 -17.80	29.04 0.40 -21.53	33.80 1.30 -9.65	29.41 1.43 -2.48	28.56 1.39 -2.63	37.31 1.58 -8.01	36.33 1.16 -15.81	39.11 1.19 -18.17	38.90 1.75 -8.98	95.64 -0.58 -105.55	63.47 3.60 -0.71	43.77 1.96 -9.35	48.78 -0.24 -53.05	41.52 -0.08 -42.84	35.61 0.35 -29.20	28.93 0.80 -13.12
DANSKAMMER___DIESEL 23592	32.72 -0.36 -40.22	29.76 -0.20 -34.12	31.49 -0.29 -38.21	30.95 -0.32 -38.19	31.57 -0.31 -38.57	29.44 -0.32 -36.36	28.11 0.71 -14.48	38.43 1.42 -10.85	32.85 0.76 -17.80	29.04 0.40 -21.53	33.80 1.29 -9.65	29.41 1.44 -2.48	28.56 1.39 -2.63	37.31 1.58 -8.01	36.33 1.16 -15.81	39.10 1.18 -18.17	38.90 1.75 -8.98	95.64 -0.58 -105.55	63.47 3.59 -0.71	43.77 1.96 -9.35	48.78 -0.24 -53.05	41.52 -0.08 -42.84	35.61 0.35 -29.20	28.93 0.80 -13.12

DARBY___SOLAR 323810	41.86 -0.35 -49.34	37.49 -0.21 -41.87	40.13 -0.33 -46.89	39.59 -0.34 -46.86	40.30 -0.34 -47.32	37.69 -0.33 -44.60	31.69 0.76 -18.00	42.37 1.60 -14.60	38.45 0.88 -23.27	34.88 0.40 -27.37	36.78 1.24 -12.69	30.04 1.34 -3.20	29.39 1.21 -3.63	39.50 1.32 -10.46	40.35 0.84 -20.14	44.19 0.86 -23.59	41.47 1.24 -12.06	124.21 -0.43 -133.96	63.34 2.64 -1.54	45.87 1.41 -12.01	63.09 -0.17 -67.28	53.04 -0.05 -54.34	43.32 0.22 -37.03	32.18 0.54 -16.65
DASHVILLE___HYD 23610	34.25 -0.27 -41.65	31.03 -0.15 -35.34	32.93 -0.22 -39.58	32.39 -0.24 -39.56	33.03 -0.23 -39.95	30.83 -0.24 -37.65	28.48 0.50 -15.06	38.71 0.97 -11.56	33.64 0.59 -18.76	29.78 0.32 -22.36	34.00 1.07 -10.06	29.28 1.20 -2.59	28.47 1.18 -2.75	37.37 1.30 -8.35	36.73 0.96 -16.40	39.55 0.94 -18.87	38.91 1.38 -9.36	99.99 -0.42 -109.73	62.82 2.90 -0.76	43.79 1.61 -9.73	50.93 -0.19 -55.15	43.23 -0.06 -44.54	36.69 0.27 -30.35	29.26 0.61 -13.64
DEERFIELD_69_KV_DEERFIELD LD 355887	32.16 -0.69 -39.98	29.39 -0.37 -33.93	31.04 -0.52 -37.99	30.49 -0.55 -37.97	31.12 -0.55 -38.35	28.91 -0.64 -36.14	28.77 1.48 -14.36	39.56 2.79 -10.60	33.25 1.41 -17.55	29.20 0.69 -21.42	34.89 2.39 -9.64	30.02 2.83 -1.70	31.67 2.84 -4.28	38.89 3.10 -8.07	37.18 2.09 -15.73	40.14 2.32 -18.08	40.76 3.48 -9.12	94.55 -1.11 -104.98	67.58 7.14 -1.28	45.69 3.93 -9.30	48.26 -0.48 -52.76	41.23 -0.14 -42.61	35.84 0.73 -29.04	29.73 1.67 -13.06
DELAWARE___LFGE 323621	13.53 -0.22 -20.89	13.43 -0.13 -17.72	13.23 -0.19 -19.85	12.72 -0.19 -19.84	13.15 -0.20 -20.03	12.10 -0.20 -18.88	20.74 0.40 -7.41	31.91 0.78 -4.96	22.57 0.41 -7.87	15.92 0.37 -8.45	26.94 1.36 -2.72	27.96 1.55 -0.91	26.36 1.70 -0.11	32.08 1.87 -2.49	26.96 1.24 -6.35	26.92 1.38 -5.79	31.61 2.00 -1.44	34.09 -0.71 -44.12	61.75 4.52 1.93	38.18 2.29 -3.43	18.05 -0.27 -22.34	16.71 -0.09 -18.04	18.72 0.36 -12.29	21.39 0.86 -5.53
DERFIELD_115KV_TB7 355931	-5.83 0.03 -1.27	-3.08 0.01 -1.08	-5.21 0.02 -1.21	-5.71 0.02 -1.20	-5.45 0.02 -1.22	-5.41 0.03 -1.15	13.33 -0.05 -0.46	25.86 -0.12 0.19	14.32 -0.07 -0.09	7.68 -0.03 -0.61	23.01 -0.13 -0.28	25.42 -0.15 -0.07	24.47 -0.15 -0.08	27.77 -0.18 -0.23	19.72 -0.10 -0.45	20.17 -0.10 -0.53	28.31 -0.13 -0.27	-6.27 0.05 -3.02	59.13 -0.07 -0.04	32.68 -0.04 -0.27	-2.50 0.01 -1.51	-0.01 0.00 -1.22	6.89 -0.01 -0.83	15.35 -0.03 -0.37
DOGLEVILLE___HYD 23807	-5.94 -0.08 -1.27	-3.14 -0.05 -1.08	-5.33 -0.10 -1.21	-5.84 -0.11 -1.20	-5.59 -0.12 -1.22	-5.57 -0.13 -1.15	13.51 0.27 -0.32	26.32 0.50 0.35	14.47 0.22 0.05	7.85 0.14 -0.61	23.30 0.16 -0.28	25.42 -0.15 -0.07	24.49 -0.14 -0.08	28.07 0.12 -0.23	20.03 0.20 -0.45	20.50 0.22 -0.53	28.87 0.44 -0.27	-6.55 -0.24 -3.02	60.67 1.48 -0.04	33.43 0.70 -0.27	-2.59 -0.08 -1.51	-0.05 -0.03 -1.22	6.94 0.04 -0.83	15.39 0.01 -0.37
DUNKIRK___115KV_TB_200 55889	3.94 -0.02 -11.09	5.27 0.03 -9.41	4.18 0.07 -10.54	3.69 0.09 -10.53	4.01 0.07 -10.63	3.42 -0.02 -10.02	14.36 -0.15 -1.58	19.49 -0.14 6.53	9.74 -0.02 4.54	10.65 -0.06 -3.61	16.77 -0.05 6.05	25.16 -0.12 0.22	18.90 -0.10 5.54	24.09 -0.08 3.55	21.19 -0.24 -2.06	12.39 -0.34 7.02	15.26 -0.58 12.33	15.26 0.18 -24.41	44.08 -1.40 13.68	30.71 -0.92 0.82	9.37 0.09 -13.30	9.53 0.03 -10.74	13.35 -0.03 -7.32	18.38 0.09 -3.29
DUNKIRK___1 23563	3.94 -0.02 -11.09	5.27 0.03 -9.41	4.18 0.07 -10.54	3.69 0.09 -10.53	4.01 0.07 -10.63	3.42 -0.02 -10.02	14.36 -0.15 -1.58	19.49 -0.14 6.53	9.74 -0.02 4.54	10.65 -0.06 -3.61	16.77 -0.05 6.05	25.16 -0.12 0.22	18.90 -0.10 5.54	24.09 -0.08 3.55	21.19 -0.24 -2.06	12.39 -0.34 7.02	15.26 -0.58 12.33	15.26 0.18 -24.41	44.08 -1.40 13.68	30.71 -0.92 0.82	9.37 0.09 -13.30	9.53 0.03 -10.74	13.35 -0.03 -7.32	18.38 0.09 -3.29
DUNKIRK___2 23564	3.94 -0.02 -11.09	5.27 0.03 -9.41	4.18 0.07 -10.54	3.69 0.09 -10.53	4.01 0.07 -10.63	3.42 -0.02 -10.02	14.36 -0.15 -1.58	19.49 -0.14 6.53	9.74 -0.02 4.54	10.65 -0.06 -3.61	16.77 -0.05 6.05	25.16 -0.12 0.22	18.90 -0.10 5.54	24.09 -0.08 3.55	21.19 -0.24 -2.06	12.39 -0.34 7.02	15.26 -0.58 12.33	15.26 0.18 -24.41	44.08 -1.40 13.68	30.71 -0.92 0.82	9.37 0.09 -13.30	9.53 0.03 -10.74	13.35 -0.03 -7.32	18.38 0.09 -3.29
DUNKIRK___3 23565	3.96 -0.02 -11.11	5.29 0.03 -9.43	4.20 0.07 -10.56	3.70 0.08 -10.55	4.03 0.06 -10.66	3.44 -0.01 -10.04	14.29 -0.16 -1.52	19.09 -0.20 6.88	9.42 -0.05 4.82	10.65 -0.07 -3.62	16.75 -0.09 6.02	25.15 -0.14 0.22	18.91 -0.11 5.52	24.11 -0.08 3.53	21.21 -0.23 -2.07	12.47 -0.31 6.97	15.32 -0.56 12.28	15.34 0.20 -24.47	44.06 -1.46 13.64	30.71 -0.94 0.81	9.40 0.10 -13.33	9.55 0.03 -10.76	13.37 -0.03 -7.34	18.38 0.08 -3.30
DUNKIRK___4 23566	3.81 -0.02 -10.96	5.16 0.02 -9.30	4.06 0.07 -10.42	3.56 0.08 -10.41	3.89 0.06 -10.51	3.31 -0.01 -9.91	14.07 -0.14 -1.29	18.29 -0.14 7.74	8.67 -0.02 5.60	10.55 -0.06 -3.51	16.53 -0.08 6.25	25.12 -0.14 0.24	18.74 -0.12 5.68	23.96 -0.08 3.69	21.12 -0.22 -1.97	12.12 -0.31 7.31	14.95 -0.56 12.65	14.92 0.18 -24.07	43.74 -1.45 13.97	30.62 -0.92 0.91	9.22 0.10 -13.15	9.41 0.03 -10.62	13.27 -0.03 -7.24	18.33 0.08 -3.25
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	32.51 -0.33 -39.97	29.57 -0.18 -33.92	31.29 -0.26 -37.99	30.75 -0.28 -37.97	31.38 -0.27 -38.34	29.25 -0.30 -36.14	27.92 0.65 -14.34	38.01 1.31 -10.54	32.48 0.69 -17.49	28.90 0.38 -21.41	33.81 1.31 -9.64	29.42 1.44 -2.48	28.59 1.43 -2.62	37.32 1.60 -8.00	36.21 1.11 -15.72	38.92 1.11 -18.07	38.71 1.61 -8.93	95.10 -0.53 -104.96	63.09 3.22 -0.71	43.53 1.77 -9.30	48.51 -0.22 -52.75	41.29 -0.07 -42.60	35.42 0.32 -29.04	28.80 0.75 -13.05
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	31.68 -0.31 -39.13	28.86 -0.17 -33.20	30.50 -0.25 -37.18	29.96 -0.27 -37.16	30.57 -0.26 -37.52	28.50 -0.28 -35.37	27.59 0.60 -14.07	37.81 1.20 -10.44	32.12 0.64 -17.19	28.32 0.34 -20.87	33.35 1.13 -9.36	29.16 1.25 -2.41	28.30 1.22 -2.54	36.86 1.37 -7.77	35.68 0.99 -15.32	38.33 0.99 -17.59	38.32 1.48 -8.68	92.50 -0.48 -102.31	62.84 3.01 -0.66	43.17 1.66 -9.06	47.19 -0.21 -51.42	40.22 -0.07 -41.53	34.67 0.30 -28.30	28.41 0.69 -12.72
E179THST_138_KV_TB4_REV_LBMP_J 345001	32.55 -0.30 -39.98	29.58 -0.17 -33.92	31.31 -0.24 -37.99	30.78 -0.26 -37.97	31.41 -0.25 -38.34	29.28 -0.28 -36.14	27.92 0.65 -14.34	38.01 1.31 -10.53	32.48 0.70 -17.48	28.90 0.38 -21.42	33.82 1.32 -9.64	29.43 1.45 -2.48	28.61 1.44 -2.62	37.28 1.56 -8.00	36.23 1.13 -15.72	38.89 1.07 -18.07	38.70 1.60 -8.93	95.12 -0.52 -104.97	63.02 3.15 -0.71	43.47 1.72 -9.30	48.51 -0.22 -52.75	41.29 -0.07 -42.60	35.42 0.31 -29.04	28.79 0.73 -13.05
E179THST_13_KV_LOAD 356214	32.52 -0.33 -39.98	29.56 -0.19 -33.92	31.29 -0.27 -37.99	30.75 -0.28 -37.97	31.38 -0.27 -38.34	29.25 -0.30 -36.14	27.97 0.70 -14.34	38.12 1.43 -10.53	32.55 0.77 -17.48	28.93 0.42 -21.42	33.92 1.43 -9.64	29.55 1.58 -2.48	28.73 1.56 -2.62	37.41 1.69 -8.00	36.32 1.22 -15.72	38.99 1.17 -18.07	38.85 1.75 -8.93	95.07 -0.57 -104.97	63.32 3.46 -0.71	43.64 1.89 -9.30	48.49 -0.24 -52.75	41.29 -0.08 -42.60	35.45 0.35 -29.04	28.86 0.81 -13.05

EAST HAMPTON___GT 23717	32.09 -0.75 -39.98	29.35 -0.41 -33.93	30.99 -0.58 -37.99	30.43 -0.62 -37.97	31.06 -0.60 -38.35	28.85 -0.70 -36.14	28.92 1.63 -14.36	39.81 3.04 -10.60	33.40 1.56 -17.55	29.27 0.75 -21.42	35.09 2.59 -9.64	30.24 3.05 -1.70	31.91 3.08 -4.28	39.14 3.35 -8.07	37.37 2.27 -15.73	40.34 2.52 -18.08	41.08 3.79 -9.12	94.44 -1.22 -104.98	68.29 7.85 -1.28	46.06 4.30 -9.30	48.22 -0.53 -52.76	41.22 -0.15 -42.61	35.90 0.80 -29.04	29.87 1.82 -13.06
EAST RIVER___6 23660	32.52 -0.32 -39.97	29.58 -0.17 -33.92	31.30 -0.25 -37.98	30.77 -0.26 -37.96	31.39 -0.26 -38.34	29.26 -0.28 -36.14	27.92 0.66 -14.34	38.01 1.33 -10.52	32.50 0.73 -17.48	28.91 0.40 -21.41	33.86 1.37 -9.64	29.46 1.49 -2.48	28.67 1.50 -2.62	37.40 1.68 -8.00	36.27 1.18 -15.72	38.97 1.15 -18.07	38.77 1.67 -8.93	95.10 -0.53 -104.96	63.07 3.20 -0.70	43.50 1.75 -9.30	48.51 -0.22 -52.75	41.29 -0.07 -42.60	35.42 0.32 -29.03	28.77 0.72 -13.05
EAST RIVER___7 23524	32.52 -0.32 -39.97	29.58 -0.17 -33.92	31.30 -0.25 -37.98	30.77 -0.26 -37.96	31.39 -0.26 -38.34	29.26 -0.28 -36.14	27.92 0.66 -14.34	38.01 1.33 -10.52	32.50 0.73 -17.48	28.91 0.40 -21.41	33.86 1.37 -9.64	29.46 1.49 -2.48	28.67 1.50 -2.62	37.40 1.68 -8.00	36.27 1.18 -15.72	38.97 1.15 -18.07	38.77 1.67 -8.93	95.10 -0.53 -104.96	63.07 3.20 -0.70	43.50 1.75 -9.30	48.51 -0.22 -52.75	41.29 -0.07 -42.60	35.42 0.32 -29.03	28.77 0.72 -13.05
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	32.45 -0.32 -39.91	29.52 -0.17 -33.86	31.23 -0.25 -37.92	30.70 -0.27 -37.90	31.32 -0.26 -38.28	29.20 -0.29 -36.07	27.88 0.63 -14.32	37.94 1.26 -10.51	32.42 0.67 -17.45	28.84 0.37 -21.37	33.75 1.27 -9.62	29.36 1.39 -2.47	28.53 1.37 -2.62	37.24 1.54 -7.99	36.14 1.08 -15.69	38.85 1.06 -18.03	38.64 1.57 -8.91	94.92 -0.51 -104.76	62.98 3.11 -0.70	43.44 1.71 -9.28	48.41 -0.21 -52.65	41.21 -0.07 -42.52	35.36 0.31 -28.98	28.75 0.72 -13.02
EAST_HAMPTON___DIESEL 23722	32.09 -0.76 -39.98	29.35 -0.41 -33.93	30.99 -0.58 -37.99	30.43 -0.62 -37.97	31.06 -0.60 -38.35	28.85 -0.70 -36.14	28.92 1.63 -14.36	39.81 3.04 -10.60	33.40 1.56 -17.55	29.27 0.75 -21.42	35.09 2.59 -9.64	30.24 3.05 -1.70	31.91 3.08 -4.28	39.14 3.36 -8.07	37.37 2.27 -15.73	40.34 2.52 -18.08	41.08 3.79 -9.12	94.44 -1.22 -104.98	68.30 7.86 -1.28	46.06 4.30 -9.30	48.22 -0.53 -52.76	41.22 -0.15 -42.61	35.90 0.79 -29.04	29.87 1.82 -13.06
EAST_PULASKI___ESR 323781	-0.40 0.13 -6.60	1.50 0.06 -5.60	-0.05 0.11 -6.28	-0.54 0.12 -6.27	-0.22 0.13 -6.33	-0.48 0.13 -5.97	15.20 -0.27 -2.55	28.18 -0.46 -2.47	17.43 -0.22 -3.35	12.75 -0.14 -5.79	27.97 -0.47 -5.57	25.37 -0.51 -0.38	25.41 -0.46 -1.33	28.45 -0.49 -1.23	21.37 -0.37 -2.37	22.16 -0.36 -2.77	29.19 -0.40 -1.42	8.53 0.14 -17.72	58.92 -0.48 -0.23	33.43 -0.43 -1.41	3.96 0.07 -7.91	5.18 0.03 -6.39	10.30 -0.11 -4.36	16.67 -0.29 -1.96
EAST_RIVER___1 323558	32.52 -0.32 -39.97	29.58 -0.17 -33.92	31.30 -0.25 -37.98	30.77 -0.27 -37.96	31.39 -0.26 -38.34	29.27 -0.28 -36.14	27.92 0.65 -14.34	38.00 1.31 -10.52	32.49 0.72 -17.48	28.91 0.40 -21.41	33.86 1.36 -9.64	29.45 1.47 -2.48	28.64 1.47 -2.62	37.38 1.66 -8.00	36.24 1.15 -15.72	38.95 1.14 -18.07	38.74 1.64 -8.93	95.10 -0.53 -104.96	63.05 3.18 -0.70	43.50 1.74 -9.30	48.51 -0.22 -52.75	41.29 -0.07 -42.60	35.42 0.32 -29.03	28.78 0.73 -13.05
EAST_RIVER___2 323559	32.52 -0.32 -39.97	29.58 -0.17 -33.92	31.30 -0.25 -37.98	30.77 -0.26 -37.96	31.39 -0.26 -38.34	29.26 -0.28 -36.14	27.92 0.66 -14.34	38.01 1.33 -10.52	32.50 0.73 -17.48	28.91 0.40 -21.41	33.86 1.37 -9.64	29.46 1.49 -2.48	28.67 1.50 -2.62	37.40 1.68 -8.00	36.27 1.18 -15.72	38.97 1.15 -18.07	38.77 1.67 -8.93	95.10 -0.53 -104.96	63.07 3.20 -0.70	43.50 1.75 -9.30	48.51 -0.22 -52.75	41.29 -0.07 -42.60	35.42 0.32 -29.03	28.77 0.72 -13.05
EAST___DELAWARE_HYD 23607	29.49 -0.23 -36.85	26.98 -0.12 -31.27	28.41 -0.17 -35.02	27.88 -0.19 -35.00	28.47 -0.18 -35.35	26.52 -0.21 -33.31	26.67 0.47 -13.27	37.04 0.96 -9.91	31.02 0.51 -16.21	26.53 0.26 -19.17	32.17 0.85 -8.46	28.44 0.75 -2.19	27.67 0.88 -2.25	35.73 0.97 -7.04	34.07 0.72 -13.97	35.91 0.23 -15.93	36.37 0.45 -7.76	84.05 -0.16 -93.53	60.53 0.93 -0.44	41.19 0.49 -8.25	42.92 -0.08 -47.02	36.67 -0.06 -37.98	32.18 0.23 -25.88	27.14 0.50 -11.63
EIGHT_POINT___WT_PWR 323820	5.72 0.23 -12.62	6.72 0.18 -10.71	5.80 0.24 -11.99	5.35 0.30 -11.99	5.69 0.27 -12.10	5.13 0.31 -11.41	16.12 -0.60 -3.79	25.54 -0.72 -0.09	15.91 -0.43 -2.04	12.26 -0.29 -5.44	21.14 -1.30 0.42	24.30 -1.60 -0.39	21.69 -1.27 1.58	27.07 -0.85 -0.21	22.41 -0.76 -3.80	19.61 -0.97 -0.84	23.63 -1.62 2.92	20.68 0.60 -29.41	50.36 -3.79 5.01	31.89 -2.05 -1.48	11.40 0.25 -15.17	11.07 0.06 -12.25	14.07 -0.35 -8.35	17.90 -0.85 -3.75
ELBRIDGE_115KV_TB2 80188	1.32 -0.01 -8.46	3.00 0.00 -7.17	1.62 0.01 -8.04	1.11 0.01 -8.03	1.43 0.01 -8.11	1.05 -0.01 -7.64	16.29 0.01 -3.36	29.77 0.10 -3.49	18.94 0.07 -4.57	11.22 0.01 -4.11	24.85 0.07 -1.92	26.07 0.09 -0.48	25.18 0.09 -0.55	29.42 0.12 -1.58	22.44 0.03 -3.05	23.37 0.06 -3.57	30.08 0.09 -1.82	10.89 -0.03 -20.25	59.36 -0.04 -0.23	34.19 -0.08 -1.82	6.15 0.00 -10.17	6.98 0.00 -8.21	11.65 -0.01 -5.60	17.48 -0.03 -2.52
ELEC_TRO_TEK 24086	32.45 -0.41 -39.99	29.54 -0.21 -33.93	31.26 -0.30 -37.99	30.73 -0.32 -37.97	31.35 -0.31 -38.35	29.19 -0.37 -36.14	28.14 0.85 -14.35	38.32 1.57 -10.57	32.61 0.80 -17.52	28.95 0.43 -21.42	34.09 1.58 -9.65	33.88 1.94 -6.44	45.96 1.91 -19.50	38.23 2.01 -8.50	36.44 1.34 -15.73	39.22 1.40 -18.08	39.41 2.02 -9.23	95.03 -0.63 -104.98	64.81 4.03 -1.62	43.99 2.23 -9.30	48.46 -0.28 -52.76	41.28 -0.09 -42.61	35.53 0.43 -29.04	29.05 0.99 -13.05
ELLENBURG_WT_PWR 323604	-4.67 0.83 -1.63	-2.31 0.47 -1.38	-4.18 0.70 -1.55	-4.80 0.58 -1.55	-4.61 0.51 -1.56	-4.59 0.52 -1.47	11.43 -1.03 0.46	19.18 -2.32 4.67	9.18 -1.51 3.60	-7.74 -0.86 13.98	-2.97 -2.92 22.92	22.25 -3.34 -0.09	16.26 -3.23 5.06	24.35 -3.68 -0.30	17.52 -2.43 -0.58	17.65 -2.78 -0.68	24.97 -3.55 -0.35	-15.36 1.27 7.30	54.07 -4.85 0.24	30.89 -1.91 -0.35	-1.82 0.26 -1.95	0.40 0.07 -1.57	6.87 -0.27 -1.07	14.78 -0.71 -0.48
ELM_ST_23_KV_LD_REV_LBMP_A 345012	3.60 0.00 -10.73	4.95 0.02 -9.10	3.84 0.08 -10.19	3.35 0.09 -10.19	3.68 0.07 -10.29	3.13 0.01 -9.70	13.39 -0.19 -0.65	15.59 -0.23 10.34	6.31 -0.09 7.90	10.29 -0.11 -3.30	15.75 -0.30 6.80	24.82 -0.37 0.31	18.12 -0.36 6.06	23.37 -0.29 4.06	20.78 -0.37 -1.78	11.21 -0.45 8.09	13.82 -0.79 13.56	14.31 0.25 -23.39	42.14 -2.23 14.79	30.01 -1.29 1.15	8.99 0.14 -12.87	9.20 0.04 -10.39	13.05 -0.10 -7.08	18.06 -0.12 -3.18
EMPIRE_CC_1 323656	39.35 -0.11 -46.60	35.30 -0.07 -39.54	37.71 -0.14 -44.28	37.18 -0.15 -44.26	37.87 -0.14 -44.69	35.44 -0.09 -42.12	30.13 0.24 -16.97	40.29 0.47 -13.65	36.40 0.25 -21.86	33.06 0.13 -25.82	35.05 0.47 -11.73	29.04 0.55 -3.00	28.32 0.52 -3.25	38.03 0.60 -9.71	38.74 0.42 -18.95	42.06 0.39 -21.92	39.64 0.51 -10.96	116.88 -0.17 -126.37	61.20 0.98 -1.05	44.32 0.63 -11.24	59.40 -0.08 -63.50	50.02 -0.02 -51.28	41.15 0.13 -34.95	31.06 0.35 -15.71

EMPIRE_CC_2 323658	39.35 -0.11 -46.60	35.30 -0.07 -39.54	37.71 -0.14 -44.28	37.18 -0.15 -44.26	37.87 -0.14 -44.69	35.44 -0.09 -42.12	30.13 0.24 -16.97	40.29 0.47 -13.65	36.40 0.25 -21.86	33.06 0.13 -25.82	35.05 0.47 -11.73	29.04 0.55 -3.00	28.32 0.52 -3.25	38.03 0.60 -9.71	38.74 0.42 -18.95	42.06 0.39 -21.92	39.64 0.51 -10.96	116.88 -0.17 -126.37	61.20 0.98 -1.05	44.32 0.63 -11.24	59.40 -0.08 -63.50	50.02 -0.02 -51.28	41.15 0.13 -34.95	31.06 0.35 -15.71
ENORWICH_115KV_TB1 80156	8.82 -0.47 -16.42	9.53 -0.24 -13.93	8.83 -0.34 -15.60	8.32 -0.35 -15.59	8.64 -0.43 -15.75	7.77 -0.49 -14.84	19.80 0.97 -5.91	31.73 1.72 -3.84	21.29 0.83 -6.17	15.43 0.43 -7.90	27.09 1.56 -2.67	28.09 1.72 -0.87	26.88 2.14 -0.20	32.54 2.40 -2.42	26.86 1.53 -5.97	26.85 1.51 -5.59	32.07 2.34 -1.56	31.04 -0.94 -41.30	63.73 6.17 1.60	38.91 3.20 -3.26	16.51 -0.36 -20.90	15.52 -0.11 -16.88	17.97 0.40 -11.50	21.13 0.96 -5.17
ERIE_ST__34_KV_TB1-2 80199	3.75 -0.02 -10.91	5.09 0.01 -9.25	3.99 0.05 -10.36	3.49 0.06 -10.36	3.82 0.04 -10.46	3.26 -0.01 -9.86	14.66 -0.08 -1.82	21.13 0.05 5.09	10.99 0.06 3.37	10.60 -0.01 -3.51	16.77 0.06 6.15	25.31 0.05 0.23	19.03 0.09 5.60	24.33 0.24 3.62	21.42 0.07 -1.98	12.63 0.07 7.18	15.70 0.01 12.47	14.69 0.05 -23.96	45.20 -0.18 13.79	31.43 -0.14 0.89	9.07 0.01 -13.08	9.33 0.00 -10.57	13.36 0.09 -7.20	18.59 0.35 -3.24
ERIE_WT_PWR 323693	3.71 -0.01 -10.84	5.05 0.02 -9.20	3.95 0.07 -10.30	3.45 0.08 -10.30	3.78 0.07 -10.40	3.21 0.00 -9.80	14.06 -0.16 -1.30	18.22 -0.46 7.49	8.62 -0.26 5.42	10.47 -0.08 -3.45	16.32 -0.23 6.30	24.99 -0.26 0.25	18.61 -0.23 5.70	23.84 -0.16 3.72	21.05 -0.25 -1.92	12.04 -0.32 7.39	14.87 -0.58 12.72	14.65 0.19 -23.78	43.49 -1.67 14.01	30.51 -1.00 0.95	9.09 0.11 -13.01	9.29 0.03 -10.51	13.18 -0.05 -7.16	18.23 0.01 -3.22
ESPRGFLD_115KV_TB1 80157	-8.93 -0.30 1.50	-5.62 -0.18 1.27	-8.13 -0.28 1.42	-8.64 -0.29 1.42	-8.41 -0.28 1.44	-8.23 -0.29 1.35	12.77 0.60 0.75	25.94 1.12 1.34	13.34 0.59 1.55	6.72 0.25 0.64	23.15 0.92 0.63	26.28 0.88 0.10	25.03 0.83 0.34	28.35 1.09 0.46	19.67 0.81 0.50	19.63 0.87 0.99	28.55 1.26 0.88	-12.62 -0.41 2.88	61.60 3.06 0.63	33.66 1.59 0.39	-5.61 -0.18 1.41	-2.42 -0.04 1.14	5.54 0.24 0.77	15.24 0.59 0.35
ETNA_115_KV_TB1_REV_LBMP_C 345029	5.71 -0.18 -13.02	6.79 -0.09 -11.05	5.81 -0.13 -12.38	5.30 -0.14 -12.37	5.65 -0.15 -12.49	5.01 -0.17 -11.77	17.95 0.35 -4.68	30.51 0.78 -3.55	20.08 0.44 -5.34	13.43 0.20 -6.13	25.46 0.68 -1.92	26.92 0.77 -0.64	25.45 0.82 -0.08	30.46 0.98 -1.76	24.49 0.63 -4.49	24.49 0.65 -4.09	30.13 0.95 -1.01	21.55 -0.32 -31.20	59.76 1.96 1.37	35.88 1.01 -2.43	11.65 -0.12 -15.80	11.48 -0.04 -12.76	14.92 0.16 -8.70	19.28 0.38 -3.91
ETNA_____115KV_TB2 80207	5.71 -0.18 -13.02	6.79 -0.09 -11.05	5.81 -0.13 -12.38	5.30 -0.14 -12.37	5.65 -0.15 -12.49	5.01 -0.17 -11.77	17.95 0.35 -4.68	30.51 0.78 -3.55	20.08 0.44 -5.34	13.43 0.20 -6.13	25.46 0.68 -1.92	26.92 0.77 -0.64	25.45 0.82 -0.08	30.46 0.98 -1.76	24.49 0.63 -4.49	24.49 0.65 -4.09	30.13 0.95 -1.01	21.55 -0.32 -31.20	59.76 1.96 1.37	35.88 1.01 -2.43	11.65 -0.12 -15.80	11.48 -0.04 -12.76	14.92 0.16 -8.70	19.28 0.38 -3.91
EUCLID___115KV_TB2 356179	0.49 0.04 -7.58	2.29 0.03 -6.43	0.83 0.05 -7.20	0.33 0.06 -7.20	0.64 0.05 -7.27	0.31 0.04 -6.85	15.83 -0.10 -3.00	29.22 -0.15 -3.20	18.38 -0.07 -4.16	10.74 -0.04 -3.68	24.45 -0.12 -1.71	25.80 -0.13 -0.43	24.92 -0.11 -0.49	29.01 -0.12 -1.41	21.98 -0.11 -2.72	22.83 -0.11 -3.18	29.63 -0.16 -1.63	8.81 0.05 -18.09	58.81 -0.56 -0.21	33.73 -0.35 -1.62	5.10 0.04 -9.09	6.11 0.01 -7.33	11.01 -0.06 -5.00	17.09 -0.15 -2.25
E_CANADA_CAP_HY 24051	53.62 -0.32 -61.07	47.46 -0.19 -51.82	51.28 -0.32 -58.03	50.74 -0.34 -58.00	51.57 -0.32 -58.57	48.31 -0.31 -55.21	35.94 0.66 -22.36	45.77 1.28 -18.32	43.73 0.69 -28.74	40.77 0.31 -33.36	39.09 1.04 -15.19	30.22 0.84 -3.88	29.43 0.67 -4.22	41.31 1.01 -12.58	44.73 0.83 -24.53	49.08 0.95 -28.39	43.78 1.41 -14.21	153.73 -0.45 -163.51	64.03 3.49 -1.38	48.77 1.77 -14.55	77.94 -0.19 -82.16	65.07 -0.04 -66.35	51.55 0.27 -45.22	35.98 0.65 -20.33
E_CANADA_MHWK_HY 24050	-5.94 -0.08 -1.27	-3.14 -0.05 -1.08	-5.33 -0.10 -1.21	-5.84 -0.11 -1.20	-5.59 -0.12 -1.22	-5.57 -0.13 -1.15	13.51 0.27 -0.32	26.32 0.50 0.35	14.47 0.22 0.05	7.85 0.14 -0.61	23.30 0.16 -0.28	25.42 -0.15 -0.07	24.49 -0.14 -0.08	28.07 0.12 -0.23	20.03 0.20 -0.45	20.50 0.22 -0.53	28.87 0.44 -0.27	-6.55 -0.24 -3.02	60.67 1.48 -0.04	33.43 0.70 -0.27	-2.59 -0.08 -1.51	-0.05 -0.03 -1.22	6.94 0.04 -0.83	15.39 0.01 -0.37
E_FISHKILL___LBMP 23776	33.23 -0.29 -40.65	30.16 -0.16 -34.49	31.96 -0.23 -38.62	31.42 -0.25 -38.60	32.05 -0.24 -38.98	29.90 -0.26 -36.74	28.12 0.56 -14.64	38.24 1.10 -10.97	32.90 0.60 -18.01	29.24 0.33 -21.82	33.81 1.12 -9.83	29.26 1.23 -2.53	28.43 1.20 -2.68	37.22 1.34 -8.16	36.33 0.94 -16.02	39.11 0.94 -18.43	38.66 1.38 -9.11	97.16 -0.45 -106.94	62.65 2.75 -0.74	43.45 1.51 -9.48	49.53 -0.19 -53.74	42.10 -0.06 -43.41	35.92 0.27 -29.58	28.94 0.64 -13.30
FALCON___SEABRD_CC1 323796	-4.76 0.74 -1.64	-2.35 0.43 -1.39	-4.24 0.63 -1.56	-4.88 0.50 -1.55	-4.69 0.43 -1.57	-4.69 0.42 -1.48	11.71 -0.84 0.37	20.07 -1.86 4.23	9.79 -1.27 3.24	-8.07 -0.73 14.43	-3.32 -2.54 23.64	22.66 -2.93 -0.09	16.52 -2.81 5.21	24.80 -3.22 -0.30	17.81 -2.14 -0.59	17.96 -2.47 -0.69	25.42 -3.09 -0.35	-15.86 1.10 7.63	54.97 -3.94 0.25	31.40 -1.41 -0.35	-1.87 0.19 -1.96	0.39 0.05 -1.58	6.97 -0.17 -1.08	14.99 -0.49 -0.49
FALCON___SEABRD_CC2 323797	-4.76 0.74 -1.64	-2.35 0.43 -1.39	-4.24 0.63 -1.56	-4.88 0.50 -1.55	-4.69 0.43 -1.57	-4.69 0.42 -1.48	11.71 -0.84 0.37	20.07 -1.86 4.23	9.79 -1.27 3.24	-8.07 -0.73 14.43	-3.32 -2.54 23.64	22.66 -2.93 -0.09	16.52 -2.81 5.21	24.80 -3.22 -0.30	17.81 -2.14 -0.59	17.96 -2.47 -0.69	25.42 -3.09 -0.35	-15.86 1.10 7.63	54.97 -3.94 0.25	31.40 -1.41 -0.35	-1.87 0.19 -1.96	0.39 0.05 -1.58	6.97 -0.17 -1.08	14.99 -0.49 -0.49
FAR ROCKAWAY___4 23548	32.36 -0.51 -40.00	29.49 -0.27 -33.93	31.18 -0.38 -37.99	30.64 -0.40 -37.97	31.27 -0.39 -38.35	29.11 -0.45 -36.14	28.32 1.04 -14.35	38.69 1.95 -10.57	32.80 0.99 -17.52	29.04 0.52 -21.42	34.41 1.89 -9.65	41.06 2.28 -13.28	63.64 2.25 -36.85	39.08 2.38 -8.98	36.72 1.63 -15.73	39.51 1.69 -18.08	39.85 2.48 -9.21	94.89 -0.77 -104.98	65.70 5.00 -1.54	44.53 2.77 -9.30	48.40 -0.34 -52.76	41.26 -0.11 -42.61	35.63 0.52 -29.04	29.28 1.22 -13.05
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	32.52 -0.32 -39.97	29.58 -0.17 -33.92	31.30 -0.25 -37.98	30.76 -0.27 -37.96	31.39 -0.27 -38.34	29.26 -0.29 -36.14	27.93 0.66 -14.34	38.03 1.34 -10.52	32.48 0.71 -17.48	28.92 0.41 -21.41	33.88 1.38 -9.64	29.48 1.50 -2.48	28.66 1.49 -2.62	37.40 1.68 -8.00	36.26 1.17 -15.72	38.97 1.15 -18.07	38.76 1.66 -8.93	95.09 -0.54 -104.96	63.11 3.24 -0.70	43.53 1.78 -9.30	48.50 -0.22 -52.75	41.29 -0.08 -42.60	35.43 0.33 -29.03	28.80 0.74 -13.05

FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	32.51 -0.33 -39.97	29.57 -0.18 -33.92	31.30 -0.26 -37.98	30.76 -0.28 -37.96	31.39 -0.27 -38.34	29.26 -0.29 -36.14	27.93 0.67 -14.34	38.04 1.35 -10.52	32.50 0.73 -17.48	28.92 0.41 -21.41	33.88 1.38 -9.64	29.49 1.51 -2.48	28.66 1.50 -2.62	37.41 1.69 -8.00	36.27 1.18 -15.72	38.98 1.16 -18.07	38.78 1.68 -8.93	95.08 -0.55 -104.96	63.15 3.28 -0.70	43.56 1.80 -9.30	48.50 -0.23 -52.75	41.29 -0.08 -42.60	35.43 0.33 -29.03	28.80 0.75 -13.05
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	32.52 -0.32 -39.97	29.58 -0.17 -33.92	31.30 -0.25 -37.98	30.77 -0.27 -37.96	31.39 -0.26 -38.34	29.26 -0.29 -36.14	27.92 0.66 -14.34	38.01 1.33 -10.52	32.48 0.71 -17.48	28.91 0.40 -21.41	33.86 1.36 -9.64	29.46 1.49 -2.48	28.65 1.48 -2.62	37.38 1.66 -8.00	36.25 1.16 -15.72	38.96 1.14 -18.07	38.75 1.65 -8.93	95.09 -0.54 -104.96	63.09 3.22 -0.70	43.52 1.76 -9.30	48.51 -0.22 -52.75	41.29 -0.07 -42.60	35.42 0.32 -29.03	28.79 0.74 -13.05
FARRAGUT___LBMP 323566	32.53 -0.31 -39.97	29.58 -0.17 -33.92	31.31 -0.25 -37.98	30.77 -0.27 -37.96	31.40 -0.26 -38.34	29.27 -0.28 -36.14	27.91 0.64 -14.34	37.99 1.30 -10.52	32.47 0.70 -17.48	28.91 0.39 -21.41	33.84 1.34 -9.64	29.44 1.46 -2.48	28.62 1.45 -2.62	37.35 1.63 -8.00	36.23 1.14 -15.72	38.94 1.12 -18.07	38.72 1.63 -8.93	95.10 -0.53 -104.96	63.03 3.16 -0.70	43.49 1.73 -9.30	48.51 -0.22 -52.75	41.29 -0.07 -42.60	35.42 0.32 -29.03	28.77 0.72 -13.05
FENNER___WINDPWR 24204	0.83 -0.09 -8.05	2.61 -0.05 -6.83	1.13 -0.09 -7.65	0.62 -0.09 -7.64	0.93 -0.10 -7.72	0.59 -0.10 -7.27	16.03 0.19 -2.92	28.77 0.38 -2.22	17.90 0.23 -3.37	12.04 0.09 -4.85	26.29 0.34 -3.09	26.29 0.36 -0.43	25.65 0.47 -0.64	29.54 0.53 -1.29	22.51 0.32 -2.83	23.03 0.33 -2.95	29.89 0.55 -1.17	10.45 -0.19 -19.97	60.38 1.51 0.29	34.83 0.77 -1.61	5.59 -0.07 -9.68	6.56 -0.02 -7.82	11.49 0.09 -5.33	17.61 0.21 -2.39
FIBERTEK___ENERGY 23856	1.03 -0.04 -8.20	2.77 -0.02 -6.96	1.34 -0.02 -7.79	0.84 -0.02 -7.79	1.16 -0.02 -7.86	0.79 -0.04 -7.41	16.24 0.07 -3.25	29.75 0.20 -3.38	18.84 0.12 -4.43	11.13 0.04 -3.99	24.88 0.16 -1.86	26.16 0.19 -0.47	25.27 0.20 -0.53	29.50 0.25 -1.53	22.45 0.13 -2.95	23.36 0.16 -3.45	30.15 0.22 -1.77	10.22 -0.08 -19.62	59.69 0.30 -0.23	34.32 0.10 -1.76	5.82 -0.02 -9.85	6.71 -0.01 -7.96	11.51 0.02 -5.43	17.47 0.03 -2.44
FITZPATRICK____ 23598	-0.99 0.14 -6.00	1.01 0.09 -5.09	-0.59 0.14 -5.70	-1.08 0.15 -5.69	-0.79 0.15 -5.75	-1.03 0.13 -5.42	15.04 -0.29 -2.41	28.32 -0.60 -2.75	17.44 -0.32 -3.47	9.85 -0.16 -2.91	23.70 -0.51 -1.36	25.28 -0.57 -0.34	24.39 -0.54 -0.39	28.23 -0.60 -1.12	21.08 -0.44 -2.15	21.82 -0.45 -2.52	28.80 -0.65 -1.29	5.18 0.21 -14.30	57.80 -1.52 -0.16	32.88 -0.86 -1.28	3.26 0.10 -7.18	4.59 0.03 -5.80	9.87 -0.15 -3.95	16.40 -0.37 -1.78
FLOWRFLD_69_KV_BK1 356044	32.33 -0.52 -39.98	29.48 -0.27 -33.93	31.19 -0.38 -37.99	30.64 -0.40 -37.97	31.27 -0.39 -38.35	29.07 -0.48 -36.14	28.44 1.16 -14.36	38.87 2.10 -10.60	32.88 1.04 -17.54	29.05 0.53 -21.42	34.44 1.94 -9.64	29.59 2.35 -1.74	31.31 2.35 -4.42	38.31 2.52 -8.07	36.77 1.68 -15.73	39.63 1.80 -18.08	39.99 2.71 -9.12	94.81 -0.85 -104.98	65.91 5.47 -1.28	44.78 3.02 -9.30	48.37 -0.37 -52.76	41.26 -0.11 -42.61	35.69 0.58 -29.04	29.38 1.33 -13.06
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	32.81 -0.37 -40.31	29.83 -0.21 -34.21	31.57 -0.31 -38.30	31.03 -0.33 -38.28	31.65 -0.32 -38.66	29.52 -0.34 -36.44	28.18 0.73 -14.52	38.51 1.47 -10.88	32.93 0.79 -17.85	29.11 0.42 -21.59	34.21 1.56 -9.79	29.76 1.75 -2.52	28.90 1.69 -2.67	37.78 1.93 -8.13	36.47 1.23 -15.88	39.20 1.23 -18.22	38.98 1.81 -9.01	95.92 -0.60 -105.84	63.61 3.73 -0.72	43.88 2.05 -9.38	48.92 -0.25 -53.19	41.64 -0.08 -42.96	35.70 0.36 -29.28	29.00 0.84 -13.16
FORT ORANGE____ 23900	40.68 -0.10 -47.91	36.42 -0.06 -40.65	38.99 -0.10 -45.52	38.46 -0.11 -45.50	39.16 -0.10 -45.95	36.64 -0.08 -43.31	30.67 0.27 -17.47	40.86 0.50 -14.19	37.20 0.28 -22.62	33.85 0.15 -26.60	35.67 0.48 -12.33	29.21 0.60 -3.11	28.60 0.53 -3.53	38.36 0.48 -10.17	39.33 0.38 -19.57	43.05 0.39 -22.92	40.39 0.48 -11.74	120.90 -0.17 -130.39	61.64 0.97 -1.50	44.73 0.59 -11.69	61.40 -0.07 -65.49	51.63 -0.02 -52.89	42.20 0.09 -36.04	31.46 0.25 -16.20
FORT_DRUM_COGEN 23780	-2.01 0.34 -4.78	0.02 0.13 -4.06	-1.67 0.21 -4.55	-2.16 0.23 -4.54	-1.81 0.29 -4.59	-1.93 0.33 -4.33	13.88 -0.66 -1.62	25.68 -1.18 -0.69	15.28 -0.52 -1.51	16.85 -0.37 -10.12	34.99 -1.25 -13.37	24.41 -1.36 -0.27	26.35 -1.22 -3.03	27.17 -1.43 -0.89	20.13 -0.95 -1.72	20.87 -0.89 -2.01	28.35 -0.84 -1.03	8.35 0.37 -17.31	59.57 0.12 -0.28	33.06 -0.42 -1.02	1.84 0.13 -5.73	3.45 0.06 -4.63	9.02 -0.20 -3.15	15.94 -0.48 -1.42
FOX_HILLS___ESR 323835	32.51 -0.34 -39.98	29.59 -0.17 -33.92	31.32 -0.24 -37.99	30.79 -0.25 -37.97	31.42 -0.24 -38.34	29.29 -0.26 -36.14	27.80 0.58 -14.29	37.70 1.26 -10.26	32.26 0.71 -17.26	28.90 0.38 -21.42	33.79 1.29 -9.64	29.34 1.37 -2.48	28.55 1.39 -2.62	37.29 1.57 -8.00	36.21 1.12 -15.72	38.87 1.05 -18.07	38.65 1.55 -8.93	95.14 -0.50 -104.97	62.92 3.05 -0.71	43.47 1.71 -9.30	48.51 -0.22 -52.75	41.29 -0.07 -42.60	35.43 0.33 -29.04	28.82 0.77 -13.05
FPL_FAR_ROCK_GT1 24212	32.36 -0.51 -40.00	29.49 -0.27 -33.93	31.18 -0.38 -37.99	30.64 -0.41 -37.97	31.27 -0.39 -38.35	29.11 -0.45 -36.14	28.33 1.05 -14.35	38.68 1.94 -10.57	32.81 1.00 -17.52	29.04 0.52 -21.42	34.41 1.90 -9.65	41.05 2.28 -13.28	63.65 2.25 -36.85	39.07 2.37 -8.98	36.72 1.63 -15.73	39.51 1.69 -18.08	39.85 2.48 -9.21	94.88 -0.78 -104.98	65.70 4.99 -1.54	44.53 2.77 -9.30	48.40 -0.34 -52.76	41.26 -0.11 -42.61	35.63 0.52 -29.04	29.28 1.22 -13.05
FPL_FAR_ROCK_GT2 23815	32.36 -0.51 -40.00	29.49 -0.27 -33.93	31.18 -0.38 -37.99	30.64 -0.41 -37.97	31.27 -0.39 -38.35	29.11 -0.45 -36.14	28.33 1.05 -14.35	38.68 1.94 -10.57	32.81 1.00 -17.52	29.04 0.52 -21.42	34.41 1.90 -9.65	41.05 2.28 -13.28	63.65 2.25 -36.85	39.07 2.37 -8.98	36.72 1.63 -15.73	39.51 1.69 -18.08	39.85 2.48 -9.21	94.88 -0.78 -104.98	65.70 4.99 -1.54	44.53 2.77 -9.30	48.40 -0.34 -52.76	41.26 -0.11 -42.61	35.63 0.52 -29.04	29.28 1.22 -13.05
FRANKLIN_FALL_HYD 24054	-4.62 0.69 -1.82	-2.24 0.39 -1.54	-4.13 0.58 -1.73	-4.72 0.48 -1.73	-4.50 0.44 -1.74	-4.48 0.46 -1.65	11.68 -0.90 0.34	19.36 -2.44 4.37	9.47 -1.51 3.31	63.11 -0.71 -56.72	108.90 -2.42 -88.45	22.82 -2.79 -0.10	41.38 -2.79 -19.62	24.91 -3.15 -0.34	17.94 -2.08 -0.65	18.12 -2.39 -0.76	25.48 -3.08 -0.39	38.30 1.02 -46.60	56.50 -3.80 -1.14	31.36 -1.48 -0.39	-1.65 0.20 -2.18	0.58 0.06 -1.76	7.09 -0.18 -1.20	15.08 -0.46 -0.54
FREEPORT_EQUS_GT1 23764	32.41 -0.45 -39.99	29.53 -0.23 -33.93	31.24 -0.33 -37.99	30.70 -0.35 -37.97	31.33 -0.33 -38.35	29.16 -0.40 -36.14	28.22 0.94 -14.36	38.47 1.72 -10.58	32.69 0.87 -17.52	28.98 0.46 -21.42	34.18 1.68 -9.64	33.39 2.06 -5.83	42.94 2.04 -16.36	38.28 2.15 -8.41	36.54 1.44 -15.73	39.34 1.52 -18.08	39.36 2.03 -9.17	95.02 -0.64 -104.98	64.70 4.11 -1.42	44.06 2.30 -9.30	48.45 -0.29 -52.76	41.28 -0.09 -42.61	35.58 0.48 -29.04	29.16 1.11 -13.05

FREEPORT___CT2 23818	32.41 -0.45 -39.99	29.53 -0.23 -33.93	31.24 -0.33 -37.99	30.70 -0.35 -37.97	31.33 -0.33 -38.35	29.16 -0.40 -36.14	28.22 0.94 -14.36	38.47 1.72 -10.58	32.69 0.87 -17.52	28.98 0.46 -21.42	34.18 1.68 -9.64	33.39 2.06 -5.83	42.94 2.04 -16.36	38.28 2.15 -8.41	36.54 1.44 -15.73	39.34 1.52 -18.08	39.36 2.03 -9.17	95.02 -0.64 -104.98	64.70 4.11 -1.42	44.06 2.30 -9.30	48.45 -0.29 -52.76	41.28 -0.09 -42.61	35.58 0.48 -29.04	29.16 1.11 -13.05
FRESHKLS_33_KV_LOAD 356253	32.50 -0.34 -39.98	29.59 -0.17 -33.92	31.32 -0.24 -37.99	30.79 -0.25 -37.97	31.42 -0.24 -38.34	29.29 -0.26 -36.14	27.79 0.58 -14.28	37.70 1.29 -10.25	32.25 0.71 -17.25	28.89 0.38 -21.42	33.76 1.26 -9.64	29.29 1.31 -2.48	28.51 1.34 -2.62	37.25 1.53 -8.00	36.19 1.10 -15.72	38.84 1.02 -18.07	38.62 1.52 -8.93	95.14 -0.49 -104.97	62.88 3.01 -0.71	43.46 1.71 -9.30	48.52 -0.21 -52.75	41.30 -0.07 -42.60	35.43 0.33 -29.04	28.83 0.78 -13.05
FULTON COGEN____ 23766	0.09 0.05 -7.17	1.95 0.04 -6.08	0.45 0.07 -6.81	-0.05 0.07 -6.81	0.25 0.07 -6.87	-0.05 0.06 -6.48	15.63 -0.12 -2.83	28.97 -0.21 -3.01	18.11 -0.10 -3.92	11.52 -0.05 -4.47	25.88 -0.16 -3.18	25.73 -0.18 -0.41	25.19 -0.16 -0.81	28.88 -0.17 -1.34	21.79 -0.15 -2.57	22.62 -0.14 -3.01	29.51 0.06 -1.54	8.59 0.06 -17.85	58.79 -0.59 -0.22	33.62 -0.36 -1.53	4.61 0.04 -8.59	5.71 0.01 -6.94	10.72 -0.07 -4.73	16.95 -0.18 -2.13
FULTON___LFGE 323630	49.96 -0.48 -57.57	44.41 -0.28 -48.85	47.86 -0.42 -54.71	47.29 -0.46 -54.68	48.08 -0.45 -55.22	45.00 -0.46 -52.05	34.99 1.00 -21.06	45.80 2.38 -17.25	42.70 1.26 -27.14	39.26 0.59 -31.57	38.72 1.48 -14.38	29.83 0.66 -3.67	29.14 0.60 -3.99	41.37 1.75 -11.91	44.08 1.50 -23.21	48.32 1.70 -26.87	44.22 2.60 -13.46	144.57 -0.84 -154.73	66.10 5.62 -1.32	49.15 2.92 -13.77	73.37 -0.35 -77.75	61.45 -0.10 -62.79	49.35 0.49 -42.79	35.36 1.12 -19.24
G.F.CEMENT___DRP 24184	42.05 -0.43 -49.61	37.66 -0.27 -42.10	40.31 -0.41 -47.14	39.77 -0.42 -47.12	40.48 -0.42 -47.59	37.84 -0.42 -44.85	32.00 0.99 -18.09	42.90 2.10 -14.63	38.82 1.17 -23.36	35.14 0.52 -27.52	37.19 1.58 -12.76	30.46 1.75 -3.22	29.82 1.62 -3.65	39.87 1.63 -10.52	40.59 0.97 -20.25	44.37 0.91 -23.72	41.63 1.33 -12.13	124.92 -0.45 -134.69	63.54 2.83 -1.55	46.02 1.49 -12.07	63.46 -0.17 -67.65	53.34 -0.05 -54.63	43.51 0.21 -37.23	32.23 0.49 -16.74
GARDENVILLE___LBMP 24039	3.72 0.01 -10.85	5.06 0.02 -9.21	3.96 0.08 -10.31	3.47 0.09 -10.30	3.79 0.07 -10.40	3.23 0.01 -9.81	13.76 -0.18 -1.02	17.11 -0.21 8.85	7.65 -0.07 6.58	10.43 -0.10 -3.43	16.18 -0.27 6.42	24.91 -0.33 0.26	18.44 -0.31 5.79	23.70 -0.22 3.80	20.95 -0.31 -1.90	11.80 -0.40 7.55	14.55 -0.70 12.92	14.67 0.24 -23.76	43.02 -1.94 14.20	30.33 -1.13 0.99	9.11 0.12 -13.02	9.31 0.04 -10.51	13.15 -0.08 -7.16	18.17 -0.05 -3.22
GARDNVLA_35_KV_LD 355827	3.69 -0.02 -10.84	5.04 0.01 -9.20	3.94 0.06 -10.30	3.44 0.07 -10.30	3.76 0.05 -10.40	3.21 -0.01 -9.80	14.20 -0.13 -1.40	19.11 -0.08 6.98	9.32 0.00 4.98	10.50 -0.07 -3.46	16.45 -0.16 6.26	25.04 -0.21 0.25	18.69 -0.18 5.67	23.93 -0.09 3.70	21.09 -0.21 -1.93	12.12 -0.30 7.33	14.99 -0.53 12.64	14.64 0.18 -23.79	43.67 -1.55 13.94	30.59 -0.94 0.93	9.08 0.10 -13.01	9.29 0.03 -10.51	13.18 -0.04 -7.16	18.25 0.03 -3.22
GELCKHM___115KV_LOAD 80723	0.72 0.01 -7.83	2.49 0.01 -6.65	1.04 0.03 -7.45	0.55 0.03 -7.44	0.85 0.03 -7.52	0.51 0.02 -7.08	16.00 -0.03 -3.11	29.44 -0.03 -3.30	18.57 -0.01 -4.28	10.89 -0.02 -3.80	24.61 -0.03 -1.77	25.92 -0.03 -0.45	25.05 0.00 -0.51	29.19 0.01 -1.46	22.15 -0.03 -2.81	23.02 -0.02 -3.29	29.81 -0.04 -1.68	9.38 0.01 -18.70	59.11 -0.27 -0.21	33.94 -0.19 -1.68	5.39 0.02 -9.39	6.35 0.01 -7.59	11.20 -0.03 -5.17	17.23 -0.09 -2.32
GENERAL___MILLS 23808	3.71 -0.01 -10.84	5.05 0.02 -9.20	3.94 0.07 -10.30	3.45 0.08 -10.30	3.78 0.06 -10.40	3.22 0.00 -9.80	14.07 -0.15 -1.30	18.54 -0.14 7.49	8.85 -0.02 5.42	10.47 -0.08 -3.45	16.36 -0.20 6.30	24.99 -0.25 0.25	18.61 -0.23 5.70	23.86 -0.14 3.72	21.04 -0.25 -1.92	12.04 -0.32 7.39	14.86 -0.58 12.72	14.65 0.20 -23.78	43.49 -1.67 14.01	30.52 -0.99 0.95	9.09 0.11 -13.01	9.30 0.03 -10.51	13.18 -0.05 -7.16	18.23 0.01 -3.22
GE_PLASTICS___DRP 24183	40.74 -0.12 -47.99	36.48 -0.07 -40.72	39.05 -0.12 -45.60	38.52 -0.13 -45.58	39.21 -0.12 -46.03	36.69 -0.11 -43.38	30.72 0.28 -17.52	40.98 0.53 -14.28	37.32 0.29 -22.74	33.97 0.16 -26.71	35.75 0.51 -12.38	29.24 0.62 -3.12	28.67 0.58 -3.55	38.52 0.59 -10.21	39.45 0.43 -19.65	43.20 0.44 -23.01	40.54 0.61 -11.77	121.16 -0.20 -130.69	61.88 1.21 -1.51	44.89 0.72 -11.72	61.53 -0.09 -65.64	51.74 -0.03 -53.01	42.31 0.12 -36.12	31.56 0.32 -16.24
GILBOA___1 23756	32.62 -0.19 -39.95	29.60 -0.12 -33.90	31.34 -0.19 -37.96	30.81 -0.20 -37.94	31.43 -0.19 -38.32	29.36 -0.17 -36.12	27.55 0.32 -14.31	36.48 0.62 -9.68	30.19 0.34 -15.55	25.77 0.18 -18.48	31.66 0.62 -8.18	28.32 0.69 -2.13	27.38 0.68 -2.15	35.29 0.76 -6.82	33.47 0.53 -13.57	35.68 0.52 -15.42	36.29 0.68 -7.45	81.28 -0.18 -90.79	60.78 1.27 -0.35	41.25 0.80 -7.99	41.52 -0.10 -45.65	35.59 -0.03 -36.86	31.34 0.15 -25.12	26.65 0.35 -11.29
GILBOA___2 23757	32.62 -0.19 -39.95	29.60 -0.12 -33.90	31.34 -0.19 -37.96	30.81 -0.20 -37.94	31.43 -0.19 -38.32	29.36 -0.17 -36.12	27.55 0.32 -14.31	36.48 0.62 -9.68	30.19 0.34 -15.55	25.77 0.18 -18.48	31.66 0.62 -8.18	28.32 0.69 -2.13	27.38 0.68 -2.15	35.29 0.76 -6.82	33.47 0.53 -13.57	35.68 0.52 -15.42	36.29 0.68 -7.45	81.28 -0.18 -90.79	60.78 1.27 -0.35	41.25 0.80 -7.99	41.52 -0.10 -45.65	35.59 -0.03 -36.86	31.34 0.15 -25.12	26.65 0.35 -11.29
GILBOA___3 23758	32.62 -0.19 -39.95	29.60 -0.12 -33.90	31.34 -0.19 -37.96	30.81 -0.20 -37.94	31.43 -0.19 -38.32	29.36 -0.17 -36.12	27.55 0.32 -14.31	36.48 0.62 -9.68	30.19 0.34 -15.55	25.77 0.18 -18.48	31.66 0.62 -8.18	28.32 0.69 -2.13	27.38 0.68 -2.15	35.29 0.76 -6.82	33.47 0.53 -13.57	35.68 0.52 -15.42	36.29 0.68 -7.45	81.28 -0.18 -90.79	60.78 1.27 -0.35	41.25 0.80 -7.99	41.52 -0.10 -45.65	35.59 -0.03 -36.86	31.34 0.15 -25.12	26.65 0.35 -11.29
GILBOA___4 23759	32.62 -0.19 -39.95	29.60 -0.12 -33.90	31.34 -0.19 -37.96	30.81 -0.20 -37.94	31.43 -0.19 -38.32	29.36 -0.17 -36.12	27.55 0.32 -14.31	36.48 0.62 -9.68	30.19 0.34 -15.55	25.77 0.18 -18.48	31.66 0.62 -8.18	28.32 0.69 -2.13	27.38 0.68 -2.15	35.29 0.76 -6.82	33.47 0.53 -13.57	35.68 0.52 -15.42	36.29 0.68 -7.45	81.28 -0.18 -90.79	60.78 1.27 -0.35	41.25 0.80 -7.99	41.52 -0.10 -45.65	35.59 -0.03 -36.86	31.34 0.15 -25.12	26.65 0.35 -11.29
GILBOA____ 23599	32.62 -0.19 -39.95	29.60 -0.12 -33.90	31.34 -0.19 -37.96	30.81 -0.20 -37.94	31.44 -0.19 -38.32	29.36 -0.17 -36.12	27.55 0.32 -14.31	36.49 0.64 -9.68	30.19 0.35 -15.55	25.76 0.18 -18.48	31.65 0.61 -8.18	28.32 0.69 -2.13	27.37 0.68 -2.15	35.29 0.75 -6.82	33.47 0.53 -13.57	35.69 0.52 -15.42	36.29 0.68 -7.45	81.28 -0.18 -90.79	60.78 1.27 -0.35	41.24 0.80 -7.99	41.52 -0.10 -45.65	35.59 -0.03 -36.86	31.34 0.15 -25.12	26.65 0.35 -11.29

GINNA____ 23603	2.21 0.24 -9.10	3.71 0.15 -7.72	2.48 0.26 -8.65	2.00 0.28 -8.65	2.30 0.26 -8.73	1.86 0.22 -8.23	16.65 -0.48 -4.21	32.11 -1.06 -7.00	21.50 -0.59 -7.80	11.45 -0.25 -4.60	24.97 -0.84 -2.95	25.13 -0.97 -0.61	24.80 -0.99 -1.24	28.97 -1.03 -2.28	22.06 -0.77 -3.47	23.98 -0.81 -5.04	30.45 -1.20 -3.49	13.01 0.38 -21.96	57.60 -3.26 -1.70	32.88 -1.86 -2.28	7.12 0.22 -10.92	7.64 0.07 -8.82	11.77 -0.31 -6.01	16.97 -0.73 -2.70
GLEN PARK____ 23778	-1.90 0.30 -4.93	0.13 0.11 -4.18	-1.56 0.18 -4.68	-2.05 0.20 -4.68	-1.71 0.26 -4.73	-1.83 0.31 -4.45	14.15 -0.58 -1.80	26.07 -0.92 -0.83	15.56 -0.39 -1.65	16.57 -0.32 -9.78	34.55 -1.08 -12.78	24.57 -1.21 -0.28	26.36 -1.09 -2.90	27.38 -1.25 -0.92	20.29 -0.84 -1.77	21.06 -0.76 -2.07	28.60 -0.62 -1.06	8.32 0.30 -17.35	59.99 0.55 -0.28	33.32 -0.19 -1.05	1.98 0.10 -5.90	3.57 0.05 -4.77	9.15 -0.16 -3.25	16.07 -0.40 -1.46
GLENDALE_27_KV_LOAD 356172	32.49 -0.35 -39.98	29.56 -0.19 -33.92	31.28 -0.28 -37.99	30.75 -0.29 -37.97	31.37 -0.28 -38.34	29.24 -0.31 -36.14	27.95 0.70 -14.32	38.05 1.44 -10.44	32.49 0.79 -17.41	28.95 0.43 -21.42	33.97 1.47 -9.64	29.59 1.61 -2.48	28.77 1.61 -2.62	37.51 1.78 -8.00	36.36 1.26 -15.72	39.05 1.23 -18.07	38.91 1.81 -8.93	95.05 -0.59 -104.97	63.42 3.55 -0.71	43.70 1.95 -9.30	48.48 -0.24 -52.75	41.28 -0.08 -42.60	35.45 0.35 -29.04	28.86 0.81 -13.05
GLENWOOD_IC_1_G5 23712	32.45 -0.40 -39.99	29.55 -0.21 -33.93	31.26 -0.30 -37.99	30.72 -0.33 -37.97	31.35 -0.31 -38.35	29.20 -0.36 -36.14	28.10 0.82 -14.35	38.31 1.57 -10.57	32.63 0.82 -17.52	28.96 0.44 -21.42	34.07 1.57 -9.64	31.60 1.85 -4.26	40.02 1.83 -13.65	38.03 1.97 -8.34	36.44 1.34 -15.73	39.20 1.38 -18.08	39.38 1.99 -9.23	95.06 -0.60 -104.98	64.68 3.91 -1.60	43.96 2.20 -9.30	48.46 -0.27 -52.76	41.28 -0.09 -42.61	35.52 0.41 -29.04	29.00 0.95 -13.05
GLENWOOD_IC_2_G1 23688	32.49 -0.37 -39.98	29.56 -0.20 -33.93	31.28 -0.28 -37.99	30.74 -0.30 -37.97	31.37 -0.29 -38.35	29.23 -0.33 -36.14	28.03 0.75 -14.35	38.16 1.43 -10.56	32.56 0.76 -17.51	28.93 0.41 -21.42	33.94 1.44 -9.64	29.64 1.66 -2.48	29.09 1.65 -2.90	37.51 1.78 -8.01	36.31 1.22 -15.73	39.06 1.24 -18.08	38.91 1.80 -8.94	95.08 -0.57 -104.98	63.49 3.59 -0.74	43.73 1.98 -9.30	48.49 -0.25 -52.76	41.29 -0.08 -42.61	35.47 0.37 -29.04	28.91 0.86 -13.05
GLENWOOD_IC_3_G1 23689	32.49 -0.37 -39.98	29.56 -0.20 -33.93	31.28 -0.28 -37.99	30.74 -0.30 -37.97	31.37 -0.29 -38.35	29.23 -0.33 -36.14	28.03 0.75 -14.35	38.16 1.43 -10.56	32.56 0.76 -17.51	28.93 0.41 -21.42	33.94 1.44 -9.64	29.64 1.66 -2.48	29.09 1.65 -2.90	37.51 1.78 -8.01	36.31 1.22 -15.73	39.06 1.24 -18.08	38.91 1.80 -8.94	95.08 -0.57 -104.98	63.49 3.59 -0.74	43.73 1.98 -9.30	48.49 -0.25 -52.76	41.29 -0.08 -42.61	35.47 0.37 -29.04	28.91 0.86 -13.05
GLENWOOD____4 23550	32.45 -0.40 -39.99	29.55 -0.21 -33.93	31.26 -0.30 -37.99	30.72 -0.33 -37.97	31.35 -0.31 -38.35	29.20 -0.36 -36.14	28.10 0.82 -14.35	38.31 1.57 -10.57	32.63 0.82 -17.52	28.96 0.44 -21.42	34.07 1.57 -9.64	31.60 1.85 -4.26	40.02 1.83 -13.65	38.03 1.97 -8.34	36.44 1.34 -15.73	39.20 1.38 -18.08	39.38 1.99 -9.23	95.05 -0.61 -104.98	64.71 3.94 -1.60	43.96 2.20 -9.30	48.46 -0.27 -52.76	41.28 -0.09 -42.61	35.52 0.41 -29.04	29.00 0.95 -13.05
GLENWOOD____5 23614	32.45 -0.40 -39.99	29.55 -0.21 -33.93	31.26 -0.30 -37.99	30.72 -0.33 -37.97	31.35 -0.31 -38.35	29.20 -0.36 -36.14	28.10 0.82 -14.35	38.31 1.57 -10.57	32.63 0.82 -17.52	28.96 0.44 -21.42	34.07 1.57 -9.64	31.60 1.85 -4.26	40.02 1.83 -13.65	38.03 1.97 -8.34	36.44 1.34 -15.73	39.20 1.38 -18.08	39.38 1.99 -9.23	95.05 -0.61 -104.98	64.71 3.94 -1.60	43.96 2.20 -9.30	48.46 -0.27 -52.76	41.28 -0.09 -42.61	35.52 0.41 -29.04	29.00 0.95 -13.05
GLOBAL GREEN_PORT_GT1 23814	32.11 -0.74 -39.98	29.36 -0.40 -33.93	31.00 -0.56 -37.99	30.45 -0.60 -37.97	31.07 -0.59 -38.35	28.87 -0.69 -36.14	28.88 1.60 -14.36	39.74 2.97 -10.60	33.35 1.52 -17.55	29.25 0.73 -21.42	35.03 2.53 -9.64	30.18 2.99 -1.70	31.84 3.01 -4.28	39.06 3.28 -8.07	37.31 2.22 -15.73	40.29 2.46 -18.08	40.99 3.71 -9.12	94.47 -1.19 -104.98	68.11 7.67 -1.28	45.96 4.20 -9.30	48.23 -0.51 -52.76	41.22 -0.15 -42.61	35.88 0.78 -29.04	29.83 1.77 -13.06
GLOBE____DSASP 323697	3.37 0.12 -10.38	4.74 0.10 -8.80	3.66 0.23 -9.86	3.17 0.24 -9.86	3.49 0.22 -9.96	2.95 0.16 -9.38	12.24 -0.49 0.19	11.45 -1.00 13.72	2.87 -0.52 10.90	9.77 -0.32 -2.99	14.24 -1.05 7.57	23.92 -1.19 0.39	16.76 -1.20 6.58	21.88 -1.26 4.57	19.80 -1.07 -1.50	9.40 -1.18 9.16	11.52 -1.84 14.81	13.64 0.57 -22.39	38.45 -4.79 15.92	28.28 -2.69 1.48	8.74 0.31 -12.45	8.91 0.09 -10.06	12.57 -0.35 -6.85	17.37 -0.71 -3.08
GOETHSLN____LBMP 323567	32.56 -0.28 -39.97	29.60 -0.15 -33.92	31.34 -0.21 -37.98	30.80 -0.24 -37.96	31.43 -0.23 -38.34	29.30 -0.25 -36.14	27.76 0.57 -14.26	37.48 1.16 -10.14	32.07 0.62 -17.16	28.87 0.35 -21.41	33.71 1.21 -9.64	29.28 1.31 -2.48	28.47 1.30 -2.62	37.17 1.45 -8.00	36.11 1.02 -15.72	38.81 0.99 -18.07	38.53 1.43 -8.93	95.16 -0.47 -104.96	62.61 2.74 -0.70	43.27 1.51 -9.30	48.53 -0.19 -52.75	41.29 -0.07 -42.60	35.38 0.28 -29.03	28.68 0.63 -13.05
GOLAH____69_KV_TB 1_2 80279	2.04 -0.15 -9.33	3.66 -0.08 -7.91	2.34 -0.09 -8.86	1.83 -0.09 -8.86	2.15 -0.10 -8.94	1.67 -0.17 -8.43	17.14 0.21 -4.00	32.42 0.54 -5.71	21.23 0.32 -6.61	11.75 0.12 -4.52	25.35 0.38 -2.11	26.37 0.34 -0.53	25.44 0.29 -0.61	29.93 0.48 -1.74	22.92 0.20 -3.35	23.84 0.17 -3.92	30.33 0.16 -2.01	12.88 -0.07 -22.27	58.96 -0.46 -0.26	34.13 -0.32 -2.00	7.19 0.03 -11.19	7.80 0.01 -9.03	12.22 0.00 -6.16	17.86 0.09 -2.77
GOODYEAR_LAKE_HYD 323669	6.99 -0.28 -14.40	7.89 -0.16 -12.22	7.02 -0.24 -13.68	6.50 -0.25 -13.68	6.87 -0.25 -13.81	6.17 -0.26 -13.02	18.50 0.53 -5.05	30.32 1.01 -3.14	20.19 0.53 -5.37	14.81 0.22 -7.49	26.70 0.80 -3.04	27.20 0.86 -0.84	26.08 0.88 -0.66	31.36 1.06 -2.59	25.58 0.74 -5.48	26.39 0.76 -5.89	31.76 1.07 -2.53	27.35 -0.34 -37.02	61.17 2.36 0.35	36.88 1.28 -3.15	14.47 -0.15 -18.65	13.78 -0.04 -15.06	16.54 0.20 -10.26	20.10 0.49 -4.61
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	9.93 -0.11 -17.16	10.35 -0.04 -14.56	9.82 -0.05 -16.31	9.32 -0.06 -16.30	9.71 -0.07 -16.46	8.84 -0.08 -15.52	18.99 0.12 -5.95	30.05 0.28 -3.61	20.56 0.18 -6.09	15.09 0.07 -7.91	25.24 0.31 -2.07	26.65 0.36 -0.80	24.76 0.43 0.22	30.24 0.51 -2.01	25.43 0.30 -5.76	24.80 0.31 -4.74	29.12 0.38 -0.57	31.14 -0.10 -40.57	57.34 0.67 2.49	35.75 0.30 -3.00	16.54 -0.04 -20.60	15.38 -0.02 -16.64	17.49 0.09 -11.34	20.30 0.20 -5.10
GOUDEY____7 23579	9.92 -0.11 -17.16	10.35 -0.05 -14.56	9.82 -0.06 -16.31	9.31 -0.06 -16.30	9.70 -0.07 -16.46	8.84 -0.09 -15.52	19.00 0.13 -5.95	30.08 0.30 -3.61	20.57 0.19 -6.09	15.10 0.08 -7.91	25.27 0.34 -2.07	26.68 0.38 -0.80	24.79 0.46 0.22	30.27 0.54 -2.01	25.45 0.33 -5.76	24.83 0.34 -4.74	29.15 0.41 -0.57	31.13 -0.11 -40.57	57.40 0.73 2.49	35.79 0.34 -3.00	16.53 -0.04 -20.60	15.38 -0.02 -16.64	17.50 0.09 -11.34	20.31 0.21 -5.10

GOUDEY___8 23580	9.93 -0.11 -17.16	10.35 -0.04 -14.56	9.82 -0.05 -16.31	9.32 -0.06 -16.30	9.71 -0.07 -16.46	8.84 -0.08 -15.52	18.99 0.12 -5.95	30.05 0.28 -3.61	20.56 0.18 -6.09	15.09 0.07 -7.91	25.24 0.31 -2.07	26.65 0.36 -0.80	24.76 0.43 0.22	30.24 0.51 -2.01	25.43 0.30 -5.76	24.80 0.31 -4.74	29.12 0.38 -0.57	31.14 -0.10 -40.57	57.34 0.67 2.49	35.75 0.30 -3.00	16.54 -0.04 -20.60	15.38 -0.02 -16.64	17.49 0.09 -11.34	20.30 0.20 -5.10
GOWANUS_GT1_1 24077	32.50 -0.35 -39.98	29.58 -0.17 -33.92	31.31 -0.25 -37.99	30.78 -0.26 -37.97	31.41 -0.25 -38.34	29.28 -0.28 -36.14	27.84 0.63 -14.29	37.78 1.33 -10.28	32.29 0.73 -17.27	28.91 0.40 -21.42	33.86 1.36 -9.64	29.44 1.46 -2.48	28.65 1.48 -2.62	37.38 1.66 -8.00	36.27 1.18 -15.72	38.95 1.13 -18.07	38.75 1.66 -8.93	95.11 -0.53 -104.97	63.10 3.23 -0.71	43.55 1.79 -9.30	48.50 -0.23 -52.75	41.29 -0.07 -42.60	35.44 0.34 -29.04	28.84 0.79 -13.05
GOWANUS_GT1_2 24078	32.50 -0.35 -39.98	29.58 -0.17 -33.92	31.31 -0.25 -37.99	30.78 -0.26 -37.97	31.41 -0.25 -38.34	29.28 -0.28 -36.14	27.84 0.63 -14.29	37.78 1.33 -10.28	32.29 0.73 -17.27	28.91 0.40 -21.42	33.86 1.36 -9.64	29.44 1.46 -2.48	28.65 1.48 -2.62	37.38 1.66 -8.00	36.27 1.18 -15.72	38.95 1.13 -18.07	38.75 1.66 -8.93	95.11 -0.53 -104.97	63.10 3.23 -0.71	43.55 1.79 -9.30	48.50 -0.23 -52.75	41.29 -0.07 -42.60	35.44 0.34 -29.04	28.84 0.79 -13.05
GOWANUS_GT1_3 24079	32.50 -0.35 -39.98	29.58 -0.17 -33.92	31.31 -0.25 -37.99	30.78 -0.26 -37.97	31.41 -0.25 -38.34	29.28 -0.28 -36.14	27.84 0.63 -14.29	37.78 1.33 -10.28	32.29 0.73 -17.27	28.91 0.40 -21.42	33.86 1.36 -9.64	29.44 1.46 -2.48	28.65 1.48 -2.62	37.38 1.66 -8.00	36.27 1.18 -15.72	38.95 1.13 -18.07	38.75 1.66 -8.93	95.11 -0.53 -104.97	63.10 3.23 -0.71	43.55 1.79 -9.30	48.50 -0.23 -52.75	41.29 -0.07 -42.60	35.44 0.34 -29.04	28.84 0.79 -13.05
GOWANUS_GT1_4 24080	32.50 -0.35 -39.98	29.58 -0.17 -33.92	31.31 -0.25 -37.99	30.78 -0.26 -37.97	31.41 -0.25 -38.34	29.28 -0.28 -36.14	27.84 0.63 -14.29	37.78 1.33 -10.28	32.29 0.73 -17.27	28.91 0.40 -21.42	33.86 1.36 -9.64	29.44 1.46 -2.48	28.65 1.48 -2.62	37.38 1.66 -8.00	36.27 1.18 -15.72	38.95 1.13 -18.07	38.75 1.66 -8.93	95.11 -0.53 -104.97	63.10 3.23 -0.71	43.55 1.79 -9.30	48.50 -0.23 -52.75	41.29 -0.07 -42.60	35.44 0.34 -29.04	28.84 0.79 -13.05
GOWANUS_GT1_5 24084	32.50 -0.35 -39.98	29.58 -0.17 -33.92	31.31 -0.25 -37.99	30.78 -0.26 -37.97	31.41 -0.25 -38.34	29.28 -0.28 -36.14	27.84 0.63 -14.29	37.78 1.33 -10.28	32.29 0.73 -17.27	28.91 0.40 -21.42	33.86 1.36 -9.64	29.44 1.46 -2.48	28.65 1.48 -2.62	37.38 1.66 -8.00	36.27 1.18 -15.72	38.95 1.13 -18.07	38.75 1.66 -8.93	95.11 -0.53 -104.97	63.10 3.23 -0.71	43.55 1.79 -9.30	48.50 -0.23 -52.75	41.29 -0.07 -42.60	35.44 0.34 -29.04	28.84 0.79 -13.05
GOWANUS_GT1_6 24111	32.50 -0.35 -39.98	29.58 -0.17 -33.92	31.31 -0.25 -37.99	30.78 -0.26 -37.97	31.41 -0.25 -38.34	29.28 -0.28 -36.14	27.84 0.63 -14.29	37.78 1.33 -10.28	32.29 0.73 -17.27	28.91 0.40 -21.42	33.86 1.36 -9.64	29.44 1.46 -2.48	28.65 1.48 -2.62	37.38 1.66 -8.00	36.27 1.18 -15.72	38.95 1.13 -18.07	38.75 1.66 -8.93	95.11 -0.53 -104.97	63.10 3.23 -0.71	43.55 1.79 -9.30	48.50 -0.23 -52.75	41.29 -0.07 -42.60	35.44 0.34 -29.04	28.84 0.79 -13.05
GOWANUS_GT1_7 24112	32.50 -0.35 -39.98	29.58 -0.17 -33.92	31.31 -0.25 -37.99	30.78 -0.26 -37.97	31.41 -0.25 -38.34	29.28 -0.28 -36.14	27.84 0.63 -14.29	37.78 1.33 -10.28	32.29 0.73 -17.27	28.91 0.40 -21.42	33.86 1.36 -9.64	29.44 1.46 -2.48	28.65 1.48 -2.62	37.38 1.66 -8.00	36.27 1.18 -15.72	38.95 1.13 -18.07	38.75 1.66 -8.93	95.11 -0.53 -104.97	63.10 3.23 -0.71	43.55 1.79 -9.30	48.50 -0.23 -52.75	41.29 -0.07 -42.60	35.44 0.34 -29.04	28.84 0.79 -13.05
GOWANUS_GT1_8 24113	32.50 -0.35 -39.98	29.58 -0.17 -33.92	31.31 -0.25 -37.99	30.78 -0.26 -37.97	31.41 -0.25 -38.34	29.28 -0.28 -36.14	27.84 0.63 -14.29	37.78 1.33 -10.28	32.29 0.73 -17.27	28.91 0.40 -21.42	33.86 1.36 -9.64	29.44 1.46 -2.48	28.65 1.48 -2.62	37.38 1.66 -8.00	36.27 1.18 -15.72	38.95 1.13 -18.07	38.75 1.66 -8.93	95.11 -0.53 -104.97	63.10 3.23 -0.71	43.55 1.79 -9.30	48.50 -0.23 -52.75	41.29 -0.07 -42.60	35.44 0.34 -29.04	28.84 0.79 -13.05
GOWANUS_GT2_1 24114	32.50 -0.35 -39.98	29.58 -0.17 -33.92	31.31 -0.25 -37.99	30.78 -0.26 -37.97	31.41 -0.25 -38.34	29.28 -0.27 -36.14	27.84 0.63 -14.29	37.78 1.34 -10.28	32.32 0.75 -17.27	28.91 0.40 -21.42	33.86 1.37 -9.64	29.44 1.46 -2.48	28.65 1.48 -2.62	37.39 1.66 -8.00	36.27 1.18 -15.72	38.95 1.13 -18.07	38.75 1.66 -8.93	95.11 -0.53 -104.97	63.10 3.23 -0.71	43.55 1.80 -9.30	48.50 -0.23 -52.75	41.29 -0.08 -42.60	35.44 0.34 -29.04	28.84 0.79 -13.05
GOWANUS_GT2_2 24115	32.50 -0.35 -39.98	29.58 -0.17 -33.92	31.31 -0.25 -37.99	30.78 -0.26 -37.97	31.41 -0.25 -38.34	29.28 -0.27 -36.14	27.84 0.63 -14.29	37.78 1.34 -10.28	32.32 0.75 -17.27	28.91 0.40 -21.42	33.86 1.37 -9.64	29.44 1.46 -2.48	28.65 1.48 -2.62	37.39 1.66 -8.00	36.27 1.18 -15.72	38.95 1.13 -18.07	38.75 1.66 -8.93	95.11 -0.53 -104.97	63.10 3.23 -0.71	43.55 1.80 -9.30	48.50 -0.23 -52.75	41.29 -0.08 -42.60	35.44 0.34 -29.04	28.84 0.79 -13.05
GOWANUS_GT2_3 24116	32.50 -0.35 -39.98	29.58 -0.17 -33.92	31.31 -0.25 -37.99	30.78 -0.26 -37.97	31.41 -0.25 -38.34	29.28 -0.27 -36.14	27.84 0.63 -14.29	37.78 1.34 -10.28	32.32 0.75 -17.27	28.91 0.40 -21.42	33.86 1.37 -9.64	29.44 1.46 -2.48	28.65 1.48 -2.62	37.39 1.66 -8.00	36.27 1.18 -15.72	38.95 1.13 -18.07	38.75 1.66 -8.93	95.11 -0.53 -104.97	63.10 3.23 -0.71	43.55 1.80 -9.30	48.50 -0.23 -52.75	41.29 -0.08 -42.60	35.44 0.34 -29.04	28.84 0.79 -13.05
GOWANUS_GT2_4 24117	32.50 -0.35 -39.98	29.58 -0.17 -33.92	31.31 -0.25 -37.99	30.78 -0.26 -37.97	31.41 -0.25 -38.34	29.28 -0.27 -36.14	27.84 0.63 -14.29	37.78 1.34 -10.28	32.32 0.75 -17.27	28.91 0.40 -21.42	33.86 1.37 -9.64	29.44 1.46 -2.48	28.65 1.48 -2.62	37.39 1.66 -8.00	36.27 1.18 -15.72	38.95 1.13 -18.07	38.75 1.66 -8.93	95.11 -0.53 -104.97	63.10 3.23 -0.71	43.55 1.80 -9.30	48.50 -0.23 -52.75	41.29 -0.08 -42.60	35.44 0.34 -29.04	28.84 0.79 -13.05
GOWANUS_GT2_5 24118	32.50 -0.35 -39.98	29.58 -0.17 -33.92	31.31 -0.25 -37.99	30.78 -0.26 -37.97	31.41 -0.25 -38.34	29.28 -0.27 -36.14	27.84 0.63 -14.29	37.78 1.34 -10.28	32.32 0.75 -17.27	28.91 0.40 -21.42	33.86 1.37 -9.64	29.44 1.46 -2.48	28.65 1.48 -2.62	37.39 1.66 -8.00	36.27 1.18 -15.72	38.95 1.13 -18.07	38.75 1.66 -8.93	95.11 -0.53 -104.97	63.10 3.23 -0.71	43.55 1.80 -9.30	48.50 -0.23 -52.75	41.29 -0.08 -42.60	35.44 0.34 -29.04	28.84 0.79 -13.05
GOWANUS_GT2_6 24119	32.50 -0.35 -39.98	29.58 -0.17 -33.92	31.31 -0.25 -37.99	30.78 -0.26 -37.97	31.41 -0.25 -38.34	29.28 -0.27 -36.14	27.84 0.63 -14.29	37.78 1.34 -10.28	32.32 0.75 -17.27	28.91 0.40 -21.42	33.86 1.37 -9.64	29.44 1.46 -2.48	28.65 1.48 -2.62	37.39 1.66 -8.00	36.27 1.18 -15.72	38.95 1.13 -18.07	38.75 1.66 -8.93	95.11 -0.53 -104.97	63.10 3.23 -0.71	43.55 1.80 -9.30	48.50 -0.23 -52.75	41.29 -0.08 -42.60	35.44 0.34 -29.04	28.84 0.79 -13.05

GOWANUS_GT2_7 24120	32.50 -0.35 -39.98	29.58 -0.17 -33.92	31.31 -0.25 -37.99	30.78 -0.26 -37.97	31.41 -0.25 -38.34	29.28 -0.27 -36.14	27.84 0.63 -14.29	37.78 1.34 -10.28	32.32 0.75 -17.27	28.91 0.40 -21.42	33.86 1.37 -9.64	29.44 1.46 -2.48	28.65 1.48 -2.62	37.39 1.66 -8.00	36.27 1.18 -15.72	38.95 1.13 -18.07	38.75 1.66 -8.93	95.11 -0.53 -104.97	63.10 3.23 -0.71	43.55 1.80 -9.30	48.50 -0.23 -52.75	41.29 -0.08 -42.60	35.44 0.34 -29.04	28.84 0.79 -13.05
GOWANUS_GT2_8 24121	32.50 -0.35 -39.98	29.58 -0.17 -33.92	31.31 -0.25 -37.99	30.78 -0.26 -37.97	31.41 -0.25 -38.34	29.28 -0.27 -36.14	27.84 0.63 -14.29	37.78 1.34 -10.28	32.32 0.75 -17.27	28.91 0.40 -21.42	33.86 1.37 -9.64	29.44 1.46 -2.48	28.65 1.48 -2.62	37.39 1.66 -8.00	36.27 1.18 -15.72	38.95 1.13 -18.07	38.75 1.66 -8.93	95.11 -0.53 -104.97	63.10 3.23 -0.71	43.55 1.80 -9.30	48.50 -0.23 -52.75	41.29 -0.08 -42.60	35.44 0.34 -29.04	28.84 0.79 -13.05
GOWANUS_GT3_1 24122	32.50 -0.35 -39.98	29.58 -0.17 -33.92	31.31 -0.25 -37.99	30.78 -0.26 -37.97	31.41 -0.25 -38.34	29.28 -0.27 -36.14	27.84 0.63 -14.29	37.78 1.34 -10.28	32.32 0.75 -17.27	28.91 0.40 -21.42	33.86 1.37 -9.64	29.44 1.46 -2.48	28.65 1.48 -2.62	37.39 1.66 -8.00	36.27 1.18 -15.72	38.95 1.13 -18.07	38.75 1.66 -8.93	95.11 -0.53 -104.97	63.10 3.23 -0.71	43.55 1.80 -9.30	48.50 -0.23 -52.75	41.29 -0.08 -42.60	35.44 0.34 -29.04	28.84 0.79 -13.05
GOWANUS_GT3_2 24123	32.50 -0.35 -39.98	29.58 -0.17 -33.92	31.31 -0.25 -37.99	30.78 -0.26 -37.97	31.41 -0.25 -38.34	29.28 -0.27 -36.14	27.84 0.63 -14.29	37.78 1.34 -10.28	32.32 0.75 -17.27	28.91 0.40 -21.42	33.86 1.37 -9.64	29.44 1.46 -2.48	28.65 1.48 -2.62	37.39 1.66 -8.00	36.27 1.18 -15.72	38.95 1.13 -18.07	38.75 1.66 -8.93	95.11 -0.53 -104.97	63.10 3.23 -0.71	43.55 1.80 -9.30	48.50 -0.23 -52.75	41.29 -0.08 -42.60	35.44 0.34 -29.04	28.84 0.79 -13.05
GOWANUS_GT3_3 24124	32.50 -0.35 -39.98	29.58 -0.17 -33.92	31.31 -0.25 -37.99	30.78 -0.26 -37.97	31.41 -0.25 -38.34	29.28 -0.27 -36.14	27.84 0.63 -14.29	37.78 1.34 -10.28	32.32 0.75 -17.27	28.91 0.40 -21.42	33.86 1.37 -9.64	29.44 1.46 -2.48	28.65 1.48 -2.62	37.39 1.66 -8.00	36.27 1.18 -15.72	38.95 1.13 -18.07	38.75 1.66 -8.93	95.11 -0.53 -104.97	63.10 3.23 -0.71	43.55 1.80 -9.30	48.50 -0.23 -52.75	41.29 -0.08 -42.60	35.44 0.34 -29.04	28.84 0.79 -13.05
GOWANUS_GT3_4 24125	32.50 -0.35 -39.98	29.58 -0.17 -33.92	31.31 -0.25 -37.99	30.78 -0.26 -37.97	31.41 -0.25 -38.34	29.28 -0.27 -36.14	27.84 0.63 -14.29	37.78 1.34 -10.28	32.32 0.75 -17.27	28.91 0.40 -21.42	33.86 1.37 -9.64	29.44 1.46 -2.48	28.65 1.48 -2.62	37.39 1.66 -8.00	36.27 1.18 -15.72	38.95 1.13 -18.07	38.75 1.66 -8.93	95.11 -0.53 -104.97	63.10 3.23 -0.71	43.55 1.80 -9.30	48.50 -0.23 -52.75	41.29 -0.08 -42.60	35.44 0.34 -29.04	28.84 0.79 -13.05
GOWANUS_GT3_5 24126	32.50 -0.35 -39.98	29.58 -0.17 -33.92	31.31 -0.25 -37.99	30.78 -0.26 -37.97	31.41 -0.25 -38.34	29.28 -0.27 -36.14	27.84 0.63 -14.29	37.78 1.34 -10.28	32.32 0.75 -17.27	28.91 0.40 -21.42	33.86 1.37 -9.64	29.44 1.46 -2.48	28.65 1.48 -2.62	37.39 1.66 -8.00	36.27 1.18 -15.72	38.95 1.13 -18.07	38.75 1.66 -8.93	95.11 -0.53 -104.97	63.10 3.23 -0.71	43.55 1.80 -9.30	48.50 -0.23 -52.75	41.29 -0.08 -42.60	35.44 0.34 -29.04	28.84 0.79 -13.05
GOWANUS_GT3_6 24127	32.50 -0.35 -39.98	29.58 -0.17 -33.92	31.31 -0.25 -37.99	30.78 -0.26 -37.97	31.41 -0.25 -38.34	29.28 -0.27 -36.14	27.84 0.63 -14.29	37.78 1.34 -10.28	32.32 0.75 -17.27	28.91 0.40 -21.42	33.86 1.37 -9.64	29.44 1.46 -2.48	28.65 1.48 -2.62	37.39 1.66 -8.00	36.27 1.18 -15.72	38.95 1.13 -18.07	38.75 1.66 -8.93	95.11 -0.53 -104.97	63.10 3.23 -0.71	43.55 1.80 -9.30	48.50 -0.23 -52.75	41.29 -0.08 -42.60	35.44 0.34 -29.04	28.84 0.79 -13.05
GOWANUS_GT3_7 24128	32.50 -0.35 -39.98	29.58 -0.17 -33.92	31.31 -0.25 -37.99	30.78 -0.26 -37.97	31.41 -0.25 -38.34	29.28 -0.27 -36.14	27.84 0.63 -14.29	37.78 1.34 -10.28	32.32 0.75 -17.27	28.91 0.40 -21.42	33.86 1.37 -9.64	29.44 1.46 -2.48	28.65 1.48 -2.62	37.39 1.66 -8.00	36.27 1.18 -15.72	38.95 1.13 -18.07	38.75 1.66 -8.93	95.11 -0.53 -104.97	63.10 3.23 -0.71	43.55 1.80 -9.30	48.50 -0.23 -52.75	41.29 -0.08 -42.60	35.44 0.34 -29.04	28.84 0.79 -13.05
GOWANUS_GT3_8 24129	32.50 -0.35 -39.98	29.58 -0.17 -33.92	31.31 -0.25 -37.99	30.78 -0.26 -37.97	31.41 -0.25 -38.34	29.28 -0.27 -36.14	27.84 0.63 -14.29	37.78 1.34 -10.28	32.32 0.75 -17.27	28.91 0.40 -21.42	33.86 1.37 -9.64	29.44 1.46 -2.48	28.65 1.48 -2.62	37.39 1.66 -8.00	36.27 1.18 -15.72	38.95 1.13 -18.07	38.75 1.66 -8.93	95.11 -0.53 -104.97	63.10 3.23 -0.71	43.55 1.80 -9.30	48.50 -0.23 -52.75	41.29 -0.08 -42.60	35.44 0.34 -29.04	28.84 0.79 -13.05
GOWANUS_GT4_1 24130	32.50 -0.35 -39.98	29.58 -0.17 -33.92	31.31 -0.25 -37.99	30.78 -0.26 -37.97	31.41 -0.25 -38.34	29.28 -0.28 -36.14	27.84 0.63 -14.29	37.78 1.33 -10.28	32.29 0.73 -17.27	28.91 0.40 -21.42	33.86 1.36 -9.64	29.44 1.46 -2.48	28.65 1.48 -2.62	37.38 1.66 -8.00	36.27 1.18 -15.72	38.95 1.13 -18.07	38.75 1.66 -8.93	95.11 -0.53 -104.97	63.10 3.23 -0.71	43.55 1.79 -9.30	48.50 -0.23 -52.75	41.29 -0.07 -42.60	35.44 0.34 -29.04	28.84 0.79 -13.05
GOWANUS_GT4_2 24131	32.50 -0.35 -39.98	29.58 -0.17 -33.92	31.31 -0.25 -37.99	30.78 -0.26 -37.97	31.41 -0.25 -38.34	29.28 -0.28 -36.14	27.84 0.63 -14.29	37.78 1.33 -10.28	32.29 0.73 -17.27	28.91 0.40 -21.42	33.86 1.36 -9.64	29.44 1.46 -2.48	28.65 1.48 -2.62	37.38 1.66 -8.00	36.27 1.18 -15.72	38.95 1.13 -18.07	38.75 1.66 -8.93	95.11 -0.53 -104.97	63.10 3.23 -0.71	43.55 1.79 -9.30	48.50 -0.23 -52.75	41.29 -0.07 -42.60	35.44 0.34 -29.04	28.84 0.79 -13.05
GOWANUS_GT4_3 24132	32.50 -0.35 -39.98	29.58 -0.17 -33.92	31.31 -0.25 -37.99	30.78 -0.26 -37.97	31.41 -0.25 -38.34	29.28 -0.28 -36.14	27.84 0.63 -14.29	37.78 1.33 -10.28	32.29 0.73 -17.27	28.91 0.40 -21.42	33.86 1.36 -9.64	29.44 1.46 -2.48	28.65 1.48 -2.62	37.38 1.66 -8.00	36.27 1.18 -15.72	38.95 1.13 -18.07	38.75 1.66 -8.93	95.11 -0.53 -104.97	63.10 3.23 -0.71	43.55 1.79 -9.30	48.50 -0.23 -52.75	41.29 -0.07 -42.60	35.44 0.34 -29.04	28.84 0.79 -13.05
GOWANUS_GT4_4 24133	32.50 -0.35 -39.98	29.58 -0.17 -33.92	31.31 -0.25 -37.99	30.78 -0.26 -37.97	31.41 -0.25 -38.34	29.28 -0.28 -36.14	27.84 0.63 -14.29	37.78 1.33 -10.28	32.29 0.73 -17.27	28.91 0.40 -21.42	33.86 1.36 -9.64	29.44 1.46 -2.48	28.65 1.48 -2.62	37.38 1.66 -8.00	36.27 1.18 -15.72	38.95 1.13 -18.07	38.75 1.66 -8.93	95.11 -0.53 -104.97	63.10 3.23 -0.71	43.55 1.79 -9.30	48.50 -0.23 -52.75	41.29 -0.07 -42.60	35.44 0.34 -29.04	28.84 0.79 -13.05
GOWANUS_GT4_5 24134	32.50 -0.35 -39.98	29.58 -0.17 -33.92	31.31 -0.25 -37.99	30.78 -0.26 -37.97	31.41 -0.25 -38.34	29.28 -0.28 -36.14	27.84 0.63 -14.29	37.78 1.33 -10.28	32.29 0.73 -17.27	28.91 0.40 -21.42	33.86 1.36 -9.64	29.44 1.46 -2.48	28.65 1.48 -2.62	37.38 1.66 -8.00	36.27 1.18 -15.72	38.95 1.13 -18.07	38.75 1.66 -8.93	95.11 -0.53 -104.97	63.10 3.23 -0.71	43.55 1.79 -9.30	48.50 -0.23 -52.75	41.29 -0.07 -42.60	35.44 0.34 -29.04	28.84 0.79 -13.05

GOWANUS_GT4_6 24135	32.50 -0.35 -39.98	29.58 -0.17 -33.92	31.31 -0.25 -37.99	30.78 -0.26 -37.97	31.41 -0.25 -38.34	29.28 -0.28 -36.14	27.84 0.63 -14.29	37.78 1.33 -10.28	32.29 0.73 -17.27	28.91 0.40 -21.42	33.86 1.36 -9.64	29.44 1.46 -2.48	28.65 1.48 -2.62	37.38 1.66 -8.00	36.27 1.18 -15.72	38.95 1.13 -18.07	38.75 1.66 -8.93	95.11 -0.53 -104.97	63.10 3.23 -0.71	43.55 1.79 -9.30	48.50 -0.23 -52.75	41.29 -0.07 -42.60	35.44 0.34 -29.04	28.84 0.79 -13.05
GOWANUS_GT4_7 24136	32.50 -0.35 -39.98	29.58 -0.17 -33.92	31.31 -0.25 -37.99	30.78 -0.26 -37.97	31.41 -0.25 -38.34	29.28 -0.28 -36.14	27.84 0.63 -14.29	37.78 1.33 -10.28	32.29 0.73 -17.27	28.91 0.40 -21.42	33.86 1.36 -9.64	29.44 1.46 -2.48	28.65 1.48 -2.62	37.38 1.66 -8.00	36.27 1.18 -15.72	38.95 1.13 -18.07	38.75 1.66 -8.93	95.11 -0.53 -104.97	63.10 3.23 -0.71	43.55 1.79 -9.30	48.50 -0.23 -52.75	41.29 -0.07 -42.60	35.44 0.34 -29.04	28.84 0.79 -13.05
GOWANUS_GT4_8 24137	32.50 -0.35 -39.98	29.58 -0.17 -33.92	31.31 -0.25 -37.99	30.78 -0.26 -37.97	31.41 -0.25 -38.34	29.28 -0.28 -36.14	27.84 0.63 -14.29	37.78 1.33 -10.28	32.29 0.73 -17.27	28.91 0.40 -21.42	33.86 1.36 -9.64	29.44 1.46 -2.48	28.65 1.48 -2.62	37.38 1.66 -8.00	36.27 1.18 -15.72	38.95 1.13 -18.07	38.75 1.66 -8.93	95.11 -0.53 -104.97	63.10 3.23 -0.71	43.55 1.79 -9.30	48.50 -0.23 -52.75	41.29 -0.07 -42.60	35.44 0.34 -29.04	28.84 0.79 -13.05
GREENBSH_115KV_TB3 55895	40.95 -0.08 -48.15	36.64 -0.05 -40.86	39.24 -0.08 -45.76	38.72 -0.09 -45.73	39.41 -0.08 -46.19	36.88 -0.06 -43.53	30.72 0.23 -17.57	40.86 0.39 -14.29	37.28 0.21 -22.77	33.98 0.12 -26.76	35.65 0.38 -12.40	29.16 0.53 -3.13	28.59 0.49 -3.55	38.39 0.44 -10.23	39.40 0.34 -19.69	43.14 0.33 -23.06	40.41 0.45 -11.80	121.53 -0.15 -131.01	61.55 0.88 -1.51	44.74 0.54 -11.74	61.71 -0.06 -65.80	51.88 -0.02 -53.14	42.37 0.09 -36.21	31.53 0.25 -16.28
GREENDGE_115KV_TB5 80291	4.75 -0.09 -11.97	5.96 -0.03 -10.16	4.91 -0.03 -11.38	4.41 -0.03 -11.37	4.73 -0.06 -11.48	4.14 -0.10 -10.82	17.33 0.16 -4.24	28.66 0.85 -1.64	18.16 0.48 -3.39	12.67 0.12 -5.45	24.18 0.34 -0.98	26.37 0.36 -0.51	24.46 0.41 0.49	29.45 0.63 -1.10	23.65 0.35 -3.92	22.74 0.32 -2.68	28.16 0.39 0.40	18.79 -0.14 -28.25	57.24 0.58 2.50	34.59 0.21 -1.92	10.35 -0.03 -14.40	10.38 -0.01 -11.63	14.04 0.05 -7.93	18.67 0.10 -3.56
GREENIDGE___3 23582	4.75 -0.09 -11.97	5.96 -0.03 -10.16	4.91 -0.03 -11.38	4.41 -0.03 -11.37	4.73 -0.06 -11.48	4.14 -0.10 -10.82	17.33 0.16 -4.24	28.66 0.85 -1.64	18.16 0.48 -3.39	12.67 0.12 -5.45	24.18 0.34 -0.98	26.37 0.36 -0.51	24.46 0.41 0.49	29.45 0.63 -1.10	23.65 0.35 -3.92	22.74 0.32 -2.68	28.16 0.39 0.40	18.79 -0.14 -28.25	57.24 0.58 2.50	34.59 0.21 -1.92	10.35 -0.03 -14.40	10.38 -0.01 -11.63	14.04 0.05 -7.93	18.67 0.10 -3.56
GREENIDGE___4 23583	4.75 -0.09 -11.97	5.96 -0.03 -10.16	4.91 -0.03 -11.38	4.41 -0.03 -11.37	4.73 -0.06 -11.48	4.14 -0.10 -10.82	17.33 0.16 -4.24	28.55 0.74 -1.64	18.09 0.40 -3.39	12.67 0.12 -5.45	24.16 0.32 -0.98	26.37 0.35 -0.51	24.46 0.41 0.49	29.45 0.63 -1.10	23.64 0.35 -3.92	22.74 0.32 -2.68	28.16 0.39 0.40	18.78 -0.14 -28.25	57.22 0.56 2.50	34.59 0.21 -1.92	10.35 -0.03 -14.40	10.38 -0.01 -11.63	14.04 0.05 -7.93	18.67 0.10 -3.56
GREENLWN_69_KV_BK 3 55738	32.43 -0.42 -39.98	29.53 -0.22 -33.93	31.26 -0.30 -37.99	30.73 -0.32 -37.97	31.35 -0.31 -38.35	29.16 -0.39 -36.14	28.23 0.94 -14.36	38.41 1.64 -10.60	32.62 0.79 -17.54	28.95 0.43 -21.42	34.17 1.67 -9.64	29.40 2.05 -1.85	31.39 2.06 -4.79	37.90 2.10 -8.08	36.46 1.37 -15.73	39.28 1.45 -18.08	39.41 2.12 -9.12	95.02 -0.64 -104.98	64.74 4.29 -1.29	44.15 2.39 -9.30	48.44 -0.30 -52.76	41.28 -0.08 -42.61	35.58 0.48 -29.04	29.16 1.10 -13.06
GREENWD_138_KV_38B11_REV_LBMP_J 345004	32.50 -0.35 -39.98	29.58 -0.17 -33.92	31.31 -0.25 -37.99	30.78 -0.26 -37.97	31.41 -0.25 -38.34	29.28 -0.28 -36.14	27.84 0.63 -14.29	37.78 1.33 -10.28	32.29 0.73 -17.27	28.91 0.40 -21.42	33.86 1.36 -9.64	29.44 1.46 -2.48	28.65 1.48 -2.62	37.38 1.66 -8.00	36.27 1.18 -15.72	38.95 1.13 -18.07	38.75 1.66 -8.93	95.11 -0.53 -104.97	63.10 3.23 -0.71	43.55 1.79 -9.30	48.50 -0.23 -52.75	41.29 -0.07 -42.60	35.44 0.34 -29.04	28.84 0.79 -13.05
GRISSOM___SOLAR 323813	49.96 -0.48 -57.57	44.41 -0.28 -48.85	47.86 -0.42 -54.71	47.29 -0.46 -54.68	48.08 -0.45 -55.22	45.00 -0.46 -52.05	34.99 1.00 -21.06	45.80 2.38 -17.25	42.70 1.26 -27.14	39.26 0.59 -31.57	38.72 1.48 -14.38	29.83 0.66 -3.67	29.14 0.60 -3.99	41.37 1.75 -11.91	44.08 1.50 -23.21	48.32 1.70 -26.87	44.22 2.60 -13.46	144.57 -0.84 -154.73	66.10 5.62 -1.32	49.15 2.92 -13.77	73.37 -0.35 -77.75	61.45 -0.10 -62.79	49.35 0.49 -42.79	35.36 1.12 -19.24
GROVEVILLE___HYD 323602	32.81 -0.37 -40.31	29.83 -0.21 -34.21	31.57 -0.31 -38.30	31.03 -0.33 -38.28	31.65 -0.32 -38.66	29.52 -0.34 -36.44	28.18 0.73 -14.52	38.51 1.47 -10.88	32.93 0.79 -17.85	29.11 0.42 -21.59	34.21 1.56 -9.79	29.76 1.75 -2.52	28.90 1.69 -2.67	37.78 1.93 -8.13	36.47 1.23 -15.88	39.20 1.23 -18.22	38.98 1.81 -9.01	95.92 -0.60 -105.84	63.61 3.73 -0.72	43.88 2.05 -9.38	48.92 -0.25 -53.19	41.64 -0.08 -42.96	35.70 0.36 -29.28	29.00 0.84 -13.16
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	1.03 -0.04 -8.20	2.77 -0.02 -6.96	1.34 -0.02 -7.79	0.84 -0.02 -7.79	1.16 -0.02 -7.86	0.79 -0.04 -7.41	16.24 0.07 -3.25	29.75 0.20 -3.38	18.84 0.12 -4.43	11.13 0.04 -3.99	24.88 0.16 -1.86	26.16 0.19 -0.47	25.27 0.20 -0.53	29.50 0.25 -1.53	22.45 0.13 -2.95	23.36 0.16 -3.45	30.15 0.22 -1.77	10.22 -0.08 -19.62	59.69 0.30 -0.23	34.32 0.10 -1.76	5.82 -0.02 -9.85	6.71 -0.01 -7.96	11.51 0.02 -5.43	17.47 0.03 -2.44
HAMLTNNY_34_KV_TB 80303	1.29 -0.06 -8.48	3.01 -0.02 -7.20	1.60 -0.03 -8.06	1.10 -0.03 -8.06	1.41 -0.03 -8.14	1.03 -0.05 -7.67	16.41 0.10 -3.38	30.08 0.33 -3.58	19.13 0.19 -4.65	11.29 0.06 -4.13	25.02 0.24 -1.92	26.27 0.29 -0.49	25.36 0.27 -0.55	29.62 0.32 -1.59	22.59 0.17 -3.06	23.53 0.21 -3.58	30.30 0.31 -1.83	10.88 -0.10 -20.31	59.83 0.43 -0.23	34.44 0.17 -1.82	6.15 -0.02 -10.20	6.99 -0.01 -8.24	11.71 0.03 -5.62	17.59 0.07 -2.52
HAMPSHIRE___PAPER_HYD 323593	-3.61 0.54 -2.98	-1.37 0.27 -2.53	-3.20 0.40 -2.83	-3.70 0.40 -2.83	-3.40 0.43 -2.86	-3.42 0.47 -2.69	12.47 -0.97 -0.51	22.40 -1.81 1.96	12.26 -0.96 1.07	27.63 -0.59 -21.12	52.59 -1.96 -31.69	23.48 -2.18 -0.17	29.48 -2.13 -7.06	25.78 -2.49 -0.56	18.82 -1.62 -1.07	19.25 -1.75 -1.25	26.56 -2.25 -0.64	13.51 0.84 -22.00	57.09 -2.54 -0.47	31.66 -1.43 -0.64	-0.23 0.22 -3.57	1.73 0.09 -2.88	7.78 -0.25 -1.96	15.30 -0.58 -0.88
HARDSCRABBLE_WT_PWR 323673	-5.88 -0.02 -1.27	-3.11 -0.02 -1.08	-5.31 -0.08 -1.21	-5.82 -0.09 -1.20	-5.56 -0.09 -1.22	-5.53 -0.09 -1.15	13.42 0.17 -0.33	26.06 0.20 0.31	14.33 0.06 0.02	7.77 0.05 -0.61	23.06 -0.09 -0.28	25.18 -0.39 -0.07	24.25 -0.38 -0.08	27.75 -0.20 -0.23	19.80 -0.02 -0.45	20.31 0.03 -0.53	28.56 0.12 -0.27	-6.44 -0.13 -3.02	60.23 1.03 -0.04	33.10 0.38 -0.27	-2.55 -0.04 -1.51	-0.03 -0.01 -1.22	6.87 -0.03 -0.83	15.23 -0.15 -0.37

HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	30.38 -0.34 -37.85	27.76 -0.18 -32.11	29.26 -0.27 -35.96	28.72 -0.29 -35.94	29.33 -0.28 -36.30	27.33 -0.30 -34.21	27.11 0.64 -13.54	37.23 1.28 -9.78	31.32 0.69 -16.34	27.60 0.37 -20.13	33.14 1.25 -9.03	29.20 1.38 -2.33	28.33 1.35 -2.44	36.74 1.52 -7.50	35.22 1.07 -14.77	37.78 1.08 -16.95	38.11 1.61 -8.34	88.80 -0.54 -98.67	63.01 3.24 -0.61	42.96 1.78 -8.73	45.34 -0.22 -49.59	38.73 -0.08 -40.05	33.68 0.32 -27.30	28.01 0.75 -12.27
HARSNRAD_115KV_TB1 81005	3.19 0.03 -10.29	4.58 0.02 -8.73	3.43 0.08 -9.78	2.93 0.09 -9.78	3.25 0.07 -9.87	2.73 0.01 -9.31	13.68 -0.20 -0.95	17.29 -0.27 8.61	7.87 -0.12 6.30	10.39 -0.13 -3.41	17.13 -0.41 5.31	24.81 -0.51 0.17	19.09 -0.53 4.92	24.16 -0.47 3.09	20.83 -0.51 -1.98	13.06 -0.59 6.10	16.25 -0.99 10.92	13.70 0.29 -22.74	44.10 -2.86 12.21	30.17 -1.64 0.65	8.51 0.18 -12.35	8.79 0.06 -9.97	12.70 -0.17 -6.80	17.79 -0.27 -3.06
HARZA MOOSE__RIVER 24016	-3.80 0.16 -3.17	-1.42 0.06 -2.69	-3.35 0.07 -3.01	-3.84 0.08 -3.01	-3.53 0.12 -3.04	-3.58 0.14 -2.87	13.60 -0.32 -1.00	25.71 -0.55 -0.10	14.80 -0.19 -0.69	13.61 -0.18 -6.69	31.10 -0.61 -8.85	25.05 -0.64 -0.18	26.05 -0.50 -2.01	27.67 -0.64 -0.59	20.14 -0.36 -1.14	20.76 -0.31 -1.33	28.61 -0.24 -0.68	2.27 0.13 -11.47	60.01 0.66 -0.19	33.23 0.10 -0.68	-0.18 0.05 -3.80	1.86 0.03 -3.07	8.09 -0.07 -2.09	15.80 -0.14 -0.94
HDSNBRDG_115KV_BRDG_TB1 355580	0.65 0.00 -7.78	2.44 0.01 -6.60	0.99 0.03 -7.39	0.49 0.03 -7.39	0.80 0.02 -7.46	0.46 0.01 -7.04	15.95 -0.03 -3.05	29.31 -0.01 -3.15	18.46 0.01 -4.16	10.88 0.00 -3.78	24.64 0.02 -1.76	25.97 0.02 -0.44	25.10 0.05 -0.50	29.24 0.07 -1.45	22.18 0.01 -2.80	23.04 0.02 -3.27	29.86 0.01 -1.68	9.27 -0.01 -18.60	59.19 -0.19 -0.21	33.97 -0.15 -1.67	5.34 0.02 -9.34	6.31 0.00 -7.55	11.19 -0.02 -5.14	17.24 -0.07 -2.31
HELLGATE_13_KV_LD 55870	32.53 -0.32 -39.98	29.58 -0.17 -33.92	31.31 -0.25 -37.99	30.77 -0.27 -37.97	31.40 -0.26 -38.34	29.27 -0.28 -36.14	27.90 0.65 -14.33	37.95 1.32 -10.47	32.44 0.72 -17.43	28.91 0.39 -21.42	33.85 1.35 -9.64	29.46 1.48 -2.48	28.64 1.47 -2.62	37.35 1.63 -8.00	36.25 1.16 -15.72	38.94 1.12 -18.07	38.74 1.65 -8.93	95.11 -0.53 -104.97	63.09 3.22 -0.71	43.52 1.76 -9.30	48.51 -0.22 -52.75	41.29 -0.07 -42.60	35.42 0.32 -29.04	28.79 0.74 -13.05
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	32.53 -0.32 -39.98	29.58 -0.17 -33.92	31.31 -0.25 -37.99	30.77 -0.27 -37.97	31.40 -0.26 -38.34	29.27 -0.28 -36.14	27.90 0.65 -14.33	37.95 1.32 -10.47	32.44 0.72 -17.43	28.91 0.39 -21.42	33.85 1.35 -9.64	29.46 1.48 -2.48	28.64 1.47 -2.62	37.35 1.63 -8.00	36.25 1.16 -15.72	38.94 1.12 -18.07	38.74 1.65 -8.93	95.11 -0.53 -104.97	63.09 3.22 -0.71	43.52 1.76 -9.30	48.51 -0.22 -52.75	41.29 -0.07 -42.60	35.42 0.32 -29.04	28.79 0.74 -13.05
HEMPSTEAD____ 23647	32.47 -0.39 -39.99	29.55 -0.20 -33.93	31.28 -0.28 -37.99	30.74 -0.30 -37.97	31.37 -0.29 -38.35	29.20 -0.35 -36.14	28.10 0.83 -14.35	38.27 1.53 -10.58	32.59 0.78 -17.52	28.94 0.42 -21.42	34.03 1.52 -9.64	32.14 1.86 -4.78	40.54 1.84 -14.16	38.01 1.94 -8.35	36.39 1.30 -15.73	39.18 1.36 -18.08	39.30 1.94 -9.19	95.05 -0.60 -104.98	64.52 3.86 -1.49	43.91 2.15 -9.30	48.47 -0.27 -52.76	41.29 -0.08 -42.61	35.52 0.41 -29.04	29.02 0.96 -13.05
HEWLETT__69_KV_BK3 55828	32.40 -0.47 -40.00	29.51 -0.25 -33.93	31.21 -0.35 -37.99	30.67 -0.38 -37.97	31.30 -0.36 -38.35	29.13 -0.42 -36.14	28.26 0.98 -14.35	38.57 1.83 -10.57	32.73 0.92 -17.52	29.01 0.49 -21.42	34.31 1.79 -9.65	40.95 2.17 -13.28	63.53 2.13 -36.85	38.94 2.25 -8.98	36.63 1.53 -15.73	39.41 1.59 -18.08	39.71 2.34 -9.21	94.93 -0.73 -104.98	65.37 4.66 -1.54	44.35 2.59 -9.30	48.42 -0.32 -52.76	41.27 -0.10 -42.61	35.59 0.49 -29.04	29.21 1.15 -13.05
HICKLING____1 23621	7.32 -0.06 -14.51	8.14 0.00 -12.31	7.36 0.00 -13.79	6.87 0.01 -13.78	7.23 0.00 -13.92	6.51 -0.02 -13.12	17.60 0.00 -4.67	27.94 0.23 -1.54	18.16 0.19 -3.68	13.57 0.05 -6.43	23.33 0.12 -0.35	26.13 0.09 -0.54	23.57 0.23 1.21	28.94 0.44 -0.78	24.17 0.24 -4.56	21.99 0.14 -2.10	26.30 0.06 1.92	24.68 0.01 -33.99	54.64 -0.12 4.40	34.32 -0.15 -2.02	13.42 0.01 -17.43	12.84 0.00 -14.08	15.70 0.04 -9.59	19.39 0.08 -4.31
HICKLING____2 23622	7.32 -0.06 -14.51	8.14 0.00 -12.31	7.36 0.00 -13.79	6.87 0.01 -13.78	7.23 0.00 -13.92	6.51 -0.02 -13.12	17.60 0.00 -4.67	27.94 0.23 -1.54	18.16 0.19 -3.68	13.57 0.05 -6.43	23.33 0.12 -0.35	26.13 0.09 -0.54	23.57 0.23 1.21	28.94 0.44 -0.78	24.17 0.24 -4.56	21.99 0.14 -2.10	26.30 0.06 1.92	24.68 0.01 -33.99	54.64 -0.12 4.40	34.32 -0.15 -2.02	13.42 0.01 -17.43	12.84 0.00 -14.08	15.70 0.04 -9.59	19.39 0.08 -4.31
HIGH FALLS____HY 23754	32.80 -0.37 -40.30	29.83 -0.20 -34.20	31.57 -0.29 -38.29	31.03 -0.31 -38.27	31.66 -0.31 -38.65	29.51 -0.33 -36.43	28.17 0.69 -14.55	38.68 1.43 -11.08	33.07 0.76 -18.03	28.95 0.38 -21.46	33.68 1.21 -9.61	29.20 1.23 -2.48	28.51 1.36 -2.61	37.24 1.54 -7.99	36.25 1.16 -15.73	38.84 1.04 -18.05	38.67 1.60 -8.91	95.33 -0.53 -105.19	63.19 3.35 -0.67	43.59 1.82 -9.31	48.61 -0.23 -52.87	41.37 -0.09 -42.69	35.53 0.37 -29.10	28.90 0.82 -13.08
HILLBURN____GT 23639	30.84 -0.33 -38.30	28.15 -0.18 -32.50	29.70 -0.26 -36.39	29.16 -0.28 -36.37	29.77 -0.27 -36.73	27.75 -0.29 -34.62	27.23 0.61 -13.70	37.25 1.23 -9.85	31.48 0.68 -16.51	27.86 0.36 -20.40	33.25 1.23 -9.16	29.19 1.33 -2.36	28.34 1.31 -2.48	36.81 1.49 -7.61	35.38 1.04 -14.97	37.96 1.03 -17.18	38.15 1.52 -8.46	90.16 -0.51 -100.00	62.81 3.02 -0.63	42.96 1.66 -8.85	46.03 -0.21 -50.26	39.28 -0.07 -40.59	34.03 0.31 -27.66	28.15 0.72 -12.44
HILLSIDE_115KV_TB1 80332	7.89 0.00 -15.02	8.61 0.03 -12.75	7.90 0.06 -14.27	7.40 0.06 -14.27	7.77 0.05 -14.41	7.02 0.02 -13.58	17.71 -0.13 -4.91	28.00 -0.14 -1.98	18.43 -0.02 -4.16	13.75 -0.04 -6.69	23.33 -0.08 -0.55	25.97 -0.10 -0.57	23.47 0.04 1.11	28.77 0.12 -0.93	24.13 0.00 -4.76	22.13 -0.05 -2.43	26.30 -0.20 1.67	26.00 0.12 -35.22	54.25 -0.66 4.25	34.15 -0.46 -2.16	14.06 0.05 -18.03	13.34 0.01 -14.56	15.99 -0.01 -9.93	19.43 -0.03 -4.46
HISHELDN_WT_PWR 323625	4.40 0.11 -11.42	5.61 0.09 -9.69	4.60 0.18 -10.85	4.13 0.21 -10.85	4.46 0.19 -10.96	3.88 0.14 -10.33	14.16 -0.38 -1.61	18.16 -0.77 7.24	8.97 -0.40 4.93	10.87 -0.21 -3.98	17.13 -0.75 4.99	24.52 -0.87 0.10	19.00 -0.74 4.80	24.27 -0.61 2.84	21.22 -0.55 -2.40	13.49 -0.73 5.53	16.41 -1.20 10.56	16.55 0.42 -25.46	44.32 -2.79 12.06	30.50 -1.58 0.38	9.86 0.17 -13.71	9.87 0.05 -11.07	13.44 -0.17 -7.54	18.06 -0.33 -3.39
HOLTSVILLE_IC_1 23690	32.35 -0.50 -39.98	29.49 -0.27 -33.93	31.20 -0.36 -37.99	30.66 -0.38 -37.97	31.28 -0.37 -38.35	29.10 -0.46 -36.14	28.41 1.13 -14.36	38.76 1.99 -10.60	32.83 0.99 -17.55	29.02 0.50 -21.42	34.34 1.84 -9.64	29.41 2.23 -1.68	31.02 2.24 -4.24	38.18 2.39 -8.07	36.67 1.58 -15.73	39.53 1.71 -18.08	39.82 2.54 -9.12	94.86 -0.79 -104.98	65.49 5.05 -1.27	44.56 2.81 -9.30	48.39 -0.35 -52.76	41.27 -0.10 -42.61	35.65 0.55 -29.04	29.31 1.26 -13.06

HOLTSVILLE_IC_10 23699	32.32 -0.54 -39.98	29.48 -0.28 -33.93	31.17 -0.39 -37.99	30.63 -0.42 -37.97	31.25 -0.40 -38.35	29.06 -0.50 -36.14	28.48 1.20 -14.36	38.91 2.14 -10.60	32.92 1.09 -17.55	29.06 0.54 -21.42	34.46 1.96 -9.64	29.60 2.36 -1.75	31.35 2.38 -4.43	38.34 2.55 -8.07	36.79 1.70 -15.73	39.67 1.85 -18.08	40.03 2.74 -9.12	94.79 -0.87 -104.98	65.96 5.52 -1.28	44.82 3.06 -9.30	48.36 -0.38 -52.76	41.26 -0.11 -42.61	35.69 0.59 -29.04	29.40 1.34 -13.06
HOLTSVILLE_IC_2 23691	32.35 -0.50 -39.98	29.49 -0.27 -33.93	31.20 -0.36 -37.99	30.66 -0.38 -37.97	31.28 -0.37 -38.35	29.10 -0.46 -36.14	28.41 1.13 -14.36	38.76 1.99 -10.60	32.83 0.99 -17.55	29.02 0.50 -21.42	34.34 1.84 -9.64	29.41 2.23 -1.68	31.02 2.24 -4.24	38.18 2.39 -8.07	36.67 1.58 -15.73	39.53 1.71 -18.08	39.82 2.54 -9.12	94.86 -0.79 -104.98	65.49 5.05 -1.27	44.56 2.81 -9.30	48.39 -0.35 -52.76	41.27 -0.10 -42.61	35.65 0.55 -29.04	29.31 1.26 -13.06
HOLTSVILLE_IC_3 23692	32.35 -0.50 -39.98	29.49 -0.27 -33.93	31.20 -0.36 -37.99	30.66 -0.38 -37.97	31.28 -0.37 -38.35	29.10 -0.46 -36.14	28.41 1.13 -14.36	38.76 1.99 -10.60	32.83 0.99 -17.55	29.02 0.50 -21.42	34.34 1.84 -9.64	29.41 2.23 -1.68	31.02 2.24 -4.24	38.18 2.39 -8.07	36.67 1.58 -15.73	39.53 1.71 -18.08	39.82 2.54 -9.12	94.86 -0.79 -104.98	65.49 5.05 -1.27	44.56 2.81 -9.30	48.39 -0.35 -52.76	41.27 -0.10 -42.61	35.65 0.55 -29.04	29.31 1.26 -13.06
HOLTSVILLE_IC_4 23693	32.35 -0.50 -39.98	29.49 -0.27 -33.93	31.20 -0.36 -37.99	30.66 -0.38 -37.97	31.28 -0.37 -38.35	29.10 -0.46 -36.14	28.41 1.13 -14.36	38.76 1.99 -10.60	32.83 0.99 -17.55	29.02 0.50 -21.42	34.34 1.84 -9.64	29.41 2.23 -1.68	31.02 2.24 -4.24	38.18 2.39 -8.07	36.67 1.58 -15.73	39.53 1.71 -18.08	39.82 2.54 -9.12	94.86 -0.79 -104.98	65.49 5.05 -1.27	44.56 2.81 -9.30	48.39 -0.35 -52.76	41.27 -0.10 -42.61	35.65 0.55 -29.04	29.31 1.26 -13.06
HOLTSVILLE_IC_5 23694	32.35 -0.50 -39.98	29.49 -0.27 -33.93	31.20 -0.36 -37.99	30.66 -0.38 -37.97	31.28 -0.37 -38.35	29.10 -0.46 -36.14	28.41 1.13 -14.36	38.76 1.99 -10.60	32.83 0.99 -17.55	29.02 0.50 -21.42	34.34 1.84 -9.64	29.41 2.23 -1.68	31.02 2.24 -4.24	38.18 2.39 -8.07	36.67 1.58 -15.73	39.53 1.71 -18.08	39.82 2.54 -9.12	94.86 -0.79 -104.98	65.49 5.05 -1.27	44.56 2.81 -9.30	48.39 -0.35 -52.76	41.27 -0.10 -42.61	35.65 0.55 -29.04	29.31 1.26 -13.06
HOLTSVILLE_IC_6 23695	32.32 -0.54 -39.98	29.48 -0.28 -33.93	31.17 -0.39 -37.99	30.63 -0.42 -37.97	31.25 -0.40 -38.35	29.06 -0.50 -36.14	28.48 1.20 -14.36	38.91 2.14 -10.60	32.92 1.09 -17.55	29.06 0.54 -21.42	34.46 1.96 -9.64	29.60 2.36 -1.75	31.35 2.38 -4.43	38.34 2.55 -8.07	36.79 1.70 -15.73	39.67 1.85 -18.08	40.03 2.74 -9.12	94.79 -0.87 -104.98	65.96 5.52 -1.28	44.82 3.06 -9.30	48.36 -0.38 -52.76	41.26 -0.11 -42.61	35.69 0.59 -29.04	29.40 1.34 -13.06
HOLTSVILLE_IC_7 23696	32.32 -0.54 -39.98	29.48 -0.28 -33.93	31.17 -0.39 -37.99	30.63 -0.42 -37.97	31.25 -0.40 -38.35	29.06 -0.50 -36.14	28.48 1.20 -14.36	38.91 2.14 -10.60	32.92 1.09 -17.55	29.06 0.54 -21.42	34.46 1.96 -9.64	29.60 2.36 -1.75	31.35 2.38 -4.43	38.34 2.55 -8.07	36.79 1.70 -15.73	39.67 1.85 -18.08	40.03 2.74 -9.12	94.79 -0.87 -104.98	65.96 5.52 -1.28	44.82 3.06 -9.30	48.36 -0.38 -52.76	41.26 -0.11 -42.61	35.69 0.59 -29.04	29.40 1.34 -13.06
HOLTSVILLE_IC_8 23697	32.32 -0.54 -39.98	29.48 -0.28 -33.93	31.17 -0.39 -37.99	30.63 -0.42 -37.97	31.25 -0.40 -38.35	29.06 -0.50 -36.14	28.48 1.20 -14.36	38.91 2.14 -10.60	32.92 1.09 -17.55	29.06 0.54 -21.42	34.46 1.96 -9.64	29.60 2.36 -1.75	31.35 2.38 -4.43	38.34 2.55 -8.07	36.79 1.70 -15.73	39.67 1.85 -18.08	40.03 2.74 -9.12	94.79 -0.87 -104.98	65.96 5.52 -1.28	44.82 3.06 -9.30	48.36 -0.38 -52.76	41.26 -0.11 -42.61	35.69 0.59 -29.04	29.40 1.34 -13.06
HOLTSVILLE_IC_9 23698	32.32 -0.54 -39.98	29.48 -0.28 -33.93	31.17 -0.39 -37.99	30.63 -0.42 -37.97	31.25 -0.40 -38.35	29.06 -0.50 -36.14	28.48 1.20 -14.36	38.91 2.14 -10.60	32.92 1.09 -17.55	29.06 0.54 -21.42	34.46 1.96 -9.64	29.60 2.36 -1.75	31.35 2.38 -4.43	38.34 2.55 -8.07	36.79 1.70 -15.73	39.67 1.85 -18.08	40.03 2.74 -9.12	94.79 -0.87 -104.98	65.96 5.52 -1.28	44.82 3.06 -9.30	48.36 -0.38 -52.76	41.26 -0.11 -42.61	35.69 0.59 -29.04	29.40 1.34 -13.06
HOMER_HL_115KV_TB2 355744	4.17 -0.15 -11.45	5.49 -0.06 -9.71	4.40 -0.05 -10.87	3.88 -0.06 -10.87	4.22 -0.06 -10.98	3.63 -0.13 -10.35	15.87 0.11 -2.84	25.33 0.26 1.10	14.62 0.16 -0.17	11.07 0.07 -3.89	17.93 0.51 5.44	26.04 0.68 0.15	20.08 0.67 5.14	25.54 0.96 3.14	22.24 0.57 -2.30	14.23 0.63 6.15	17.50 0.69 11.34	16.01 -0.05 -25.39	47.32 0.97 12.81	32.40 0.50 0.55	9.65 -0.06 -13.73	9.81 -0.03 -11.09	13.85 0.23 -7.56	19.12 0.73 -3.40
HOWARD_WT_PWR 323690	5.79 0.23 -12.69	6.77 0.18 -10.77	5.86 0.23 -12.06	5.41 0.28 -12.05	5.74 0.26 -12.17	5.18 0.30 -11.47	16.22 -0.58 -3.87	25.82 -0.64 -0.29	16.15 -0.38 -2.24	12.34 -0.27 -5.50	21.29 -1.29 0.28	24.33 -1.59 -0.41	21.80 -1.26 1.48	27.22 -0.80 -0.30	22.48 -0.74 -3.86	19.85 -0.94 -1.04	23.89 -1.59 2.69	20.87 0.59 -29.61	50.59 -3.76 4.80	31.96 -2.04 -1.55	11.48 0.25 -15.25	11.14 0.06 -12.32	14.11 -0.35 -8.40	17.92 -0.85 -3.77
HQ_GEN_CEDARS 23644	-4.71 0.62 -1.80	-2.31 0.33 -1.53	-4.22 0.50 -1.71	-4.75 0.47 -1.71	-4.51 0.45 -1.73	-4.47 0.49 -1.63	11.55 -0.96 0.41	19.08 -2.41 4.67	9.31 -1.41 3.57	35.68 -0.68 -29.26	65.73 -2.30 -45.16	22.99 -2.62 -0.10	31.84 -2.74 -10.03	25.02 -3.03 -0.33	18.03 -1.99 -0.64	18.21 -2.29 -0.75	25.44 -3.12 -0.38	17.51 1.06 -25.77	55.70 -4.07 -0.61	31.03 -1.81 -0.38	-1.66 0.21 -2.15	0.58 0.08 -1.74	7.07 -0.18 -1.19	15.12 -0.41 -0.53
HQ_GEN_CEDARS_PROXY 323590	-4.71 0.62 -1.80	-2.31 0.33 -1.53	-4.22 0.50 -1.71	-4.75 0.47 -1.71	-4.51 0.45 -1.73	-4.47 0.50 -1.63	11.55 -0.96 0.41	19.58 -1.91 4.67	9.57 -1.15 3.57	35.68 -0.68 -29.26	65.73 -2.30 -45.16	22.99 -2.62 -0.10	31.84 -2.74 -10.03	24.99 -3.06 -0.33	18.02 -2.00 -0.64	18.21 -2.29 -0.75	25.44 -3.12 -0.38	17.58 1.13 -25.77	55.70 -4.07 -0.61	31.04 -1.80 -0.38	-1.66 0.21 -2.15	0.58 0.08 -1.74	7.07 -0.18 -1.19	16.46 -0.41 -1.87
HQ_GEN_IMPORT 323601	-7.13 0.00 0.00	-4.17 0.00 0.00	-6.43 0.00 0.00	-6.93 0.00 0.00	-6.69 0.00 0.00	-6.59 0.00 0.00	12.92 0.00 0.00	26.17 0.00 0.00	14.60 0.00 -0.30	7.10 0.00 0.00	22.86 0.00 0.00	25.50 0.00 0.00	24.54 0.00 0.00	27.72 0.00 0.00	19.37 0.00 0.00	19.75 0.00 0.00	28.17 0.00 0.00	-9.33 0.00 0.00	59.16 0.00 0.00	32.45 0.00 0.00	-4.03 0.00 0.00	-1.24 0.00 0.00	6.07 0.00 0.00	15.00 0.00 0.00
HQ_GEN_WHEEL 23651	-7.13 0.00 0.00	-4.17 0.00 0.00	-6.43 0.00 0.00	-6.93 0.00 0.00	-6.69 0.00 0.00	-6.59 0.00 0.00	12.92 0.00 0.00	26.17 0.00 0.00	14.60 0.00 -0.30	7.10 0.00 0.00	22.86 0.00 0.00	25.50 0.00 0.00	24.54 0.00 0.00	27.72 0.00 0.00	19.37 0.00 0.00	19.75 0.00 0.00	28.17 0.00 0.00	-9.33 0.00 0.00	59.16 0.00 0.00	32.45 0.00 0.00	-4.03 0.00 0.00	-1.24 0.00 0.00	6.07 0.00 0.00	15.00 0.00 0.00

HUDSON AVE_GT_3 23810	32.51 -0.33 -39.97	29.58 -0.17 -33.92	31.30 -0.26 -37.98	30.76 -0.28 -37.96	31.39 -0.27 -38.34	29.26 -0.29 -36.14	27.94 0.67 -14.34	38.04 1.35 -10.53	32.50 0.73 -17.48	28.92 0.41 -21.41	33.89 1.39 -9.64	29.49 1.51 -2.48	28.67 1.50 -2.62	37.41 1.69 -8.00	36.27 1.18 -15.72	38.98 1.16 -18.07	38.78 1.69 -8.93	95.09 -0.54 -104.96	63.15 3.28 -0.70	43.56 1.80 -9.30	48.50 -0.23 -52.75	41.29 -0.08 -42.60	35.43 0.33 -29.03	28.81 0.75 -13.05
HUDSON AVE_GT_4 23540	32.51 -0.33 -39.97	29.58 -0.17 -33.92	31.30 -0.26 -37.98	30.76 -0.28 -37.96	31.39 -0.27 -38.34	29.26 -0.29 -36.14	27.94 0.67 -14.34	38.04 1.35 -10.53	32.50 0.73 -17.48	28.92 0.41 -21.41	33.89 1.39 -9.64	29.49 1.51 -2.48	28.67 1.50 -2.62	37.41 1.69 -8.00	36.27 1.18 -15.72	38.98 1.16 -18.07	38.78 1.69 -8.93	95.09 -0.54 -104.96	63.15 3.28 -0.70	43.56 1.80 -9.30	48.50 -0.23 -52.75	41.29 -0.08 -42.60	35.43 0.33 -29.03	28.81 0.75 -13.05
HUDSON AVE_GT_5 23657	32.51 -0.33 -39.97	29.58 -0.17 -33.92	31.30 -0.26 -37.98	30.76 -0.28 -37.96	31.39 -0.27 -38.34	29.26 -0.29 -36.14	27.94 0.67 -14.34	38.04 1.35 -10.53	32.50 0.73 -17.48	28.92 0.41 -21.41	33.89 1.39 -9.64	29.49 1.51 -2.48	28.67 1.50 -2.62	37.41 1.69 -8.00	36.27 1.18 -15.72	38.98 1.16 -18.07	38.78 1.69 -8.93	95.09 -0.54 -104.96	63.15 3.28 -0.70	43.56 1.80 -9.30	48.50 -0.23 -52.75	41.29 -0.08 -42.60	35.43 0.33 -29.03	28.81 0.75 -13.05
HUDSON_AVE_10 24168	32.56 -0.29 -39.97	29.60 -0.15 -33.92	31.33 -0.22 -37.98	30.80 -0.24 -37.96	31.42 -0.23 -38.34	29.29 -0.25 -36.14	27.89 0.62 -14.34	37.96 1.25 -10.54	32.45 0.67 -17.49	28.89 0.38 -21.41	33.79 1.29 -9.64	29.37 1.40 -2.48	28.56 1.39 -2.62	37.28 1.57 -8.00	36.19 1.10 -15.72	38.88 1.06 -18.07	38.65 1.55 -8.93	95.13 -0.50 -104.96	62.87 3.01 -0.70	43.41 1.65 -9.30	48.52 -0.21 -52.75	41.29 -0.07 -42.60	35.40 0.30 -29.03	28.74 0.69 -13.05
HUDSON___115KV_TB 4 355613	39.45 -0.30 -46.88	35.44 -0.17 -39.78	37.84 -0.28 -44.55	37.29 -0.30 -44.52	37.98 -0.29 -44.96	35.52 -0.28 -42.38	30.69 0.69 -17.08	41.33 1.39 -13.77	37.05 0.75 -22.00	33.39 0.38 -25.91	35.83 1.21 -11.76	29.89 1.38 -3.00	28.98 1.18 -3.26	38.64 1.18 -9.74	39.30 0.92 -19.02	42.71 0.97 -22.00	40.46 1.21 -11.09	118.04 -0.40 -127.76	62.77 2.54 -1.07	45.26 1.44 -11.37	60.01 -0.17 -64.20	50.56 -0.05 -51.85	41.62 0.22 -35.33	31.45 0.57 -15.88
HUNTER MOUNT___DRP 323613	38.33 -0.36 -45.82	34.51 -0.21 -38.88	36.78 -0.33 -43.54	36.23 -0.36 -43.52	36.91 -0.36 -43.95	34.51 -0.33 -41.43	30.41 0.81 -16.67	41.16 1.67 -13.33	36.55 0.90 -21.35	32.72 0.45 -25.17	35.71 1.43 -11.42	30.03 1.61 -2.92	29.01 1.31 -3.15	38.52 1.34 -9.47	38.94 1.08 -18.49	42.28 1.16 -21.37	40.42 1.51 -10.75	114.37 -0.49 -124.20	63.39 3.22 -1.01	45.31 1.81 -11.04	58.18 -0.21 -62.41	49.10 -0.06 -50.40	40.69 0.27 -34.35	31.13 0.69 -15.44
HUNTINGTON_RES_REC 323705	32.36 -0.49 -39.98	29.50 -0.26 -33.93	31.21 -0.35 -37.99	30.67 -0.37 -37.97	31.30 -0.37 -38.35	29.11 -0.45 -36.14	28.39 1.10 -14.36	38.72 1.95 -10.60	32.81 0.97 -17.54	29.01 0.49 -21.42	34.33 1.83 -9.64	29.51 2.23 -1.79	31.35 2.24 -4.57	38.16 2.37 -8.08	36.66 1.56 -15.73	39.51 1.69 -18.08	39.82 2.53 -9.12	94.86 -0.79 -104.98	65.57 5.12 -1.28	44.60 2.84 -9.30	48.39 -0.35 -52.76	41.26 -0.10 -42.61	35.66 0.55 -29.04	29.32 1.26 -13.06
HUNTLEY___63 23557	3.34 -0.02 -10.49	4.73 0.01 -8.90	3.60 0.07 -9.96	3.11 0.07 -9.96	3.42 0.06 -10.06	2.88 -0.01 -9.48	13.49 -0.14 -0.70	16.13 -0.20 9.84	6.77 -0.07 7.45	10.29 -0.10 -3.29	16.24 -0.29 6.33	24.87 -0.36 0.27	18.49 -0.37 5.69	23.65 -0.31 3.75	20.78 -0.39 -1.81	11.80 -0.48 7.46	14.64 -0.83 12.70	13.86 0.24 -22.94	42.80 -2.44 13.93	30.04 -1.42 1.00	8.71 0.16 -12.58	8.97 0.05 -10.16	12.86 -0.13 -6.92	17.93 -0.18 -3.11
HUNTLEY___64 23558	3.34 -0.02 -10.49	4.73 0.01 -8.90	3.60 0.07 -9.96	3.11 0.07 -9.96	3.42 0.06 -10.06	2.88 -0.01 -9.48	13.49 -0.14 -0.70	16.13 -0.20 9.84	6.77 -0.07 7.45	10.29 -0.10 -3.29	16.24 -0.29 6.33	24.87 -0.36 0.27	18.49 -0.37 5.69	23.65 -0.31 3.75	20.78 -0.39 -1.81	11.80 -0.48 7.46	14.64 -0.83 12.70	13.86 0.24 -22.94	42.80 -2.44 13.93	30.04 -1.42 1.00	8.71 0.16 -12.58	8.97 0.05 -10.16	12.86 -0.13 -6.92	17.93 -0.18 -3.11
HUNTLEY___65 23559	3.34 -0.02 -10.49	4.73 0.01 -8.90	3.60 0.07 -9.96	3.11 0.07 -9.96	3.42 0.06 -10.06	2.88 -0.01 -9.48	13.49 -0.14 -0.70	16.13 -0.20 9.84	6.77 -0.07 7.45	10.29 -0.10 -3.29	16.24 -0.29 6.33	24.87 -0.36 0.27	18.49 -0.37 5.69	23.65 -0.31 3.75	20.78 -0.39 -1.81	11.80 -0.48 7.46	14.64 -0.83 12.70	13.86 0.24 -22.94	42.80 -2.44 13.93	30.04 -1.42 1.00	8.71 0.16 -12.58	8.97 0.05 -10.16	12.86 -0.13 -6.92	17.93 -0.18 -3.11
HUNTLEY___66 23560	3.34 -0.02 -10.49	4.73 0.01 -8.90	3.60 0.07 -9.96	3.11 0.07 -9.96	3.42 0.06 -10.06	2.88 -0.01 -9.48	13.49 -0.14 -0.70	16.13 -0.20 9.84	6.77 -0.07 7.45	10.29 -0.10 -3.29	16.24 -0.29 6.33	24.87 -0.36 0.27	18.49 -0.37 5.69	23.65 -0.31 3.75	20.78 -0.39 -1.81	11.80 -0.48 7.46	14.64 -0.83 12.70	13.86 0.24 -22.94	42.80 -2.44 13.93	30.04 -1.42 1.00	8.71 0.16 -12.58	8.97 0.05 -10.16	12.86 -0.13 -6.92	17.93 -0.18 -3.11
HUNTLEY___67 23561	3.51 0.03 -10.61	4.87 0.03 -9.01	3.76 0.10 -10.09	3.26 0.11 -10.08	3.59 0.09 -10.18	3.04 0.04 -9.60	12.97 -0.25 -0.29	13.99 -0.37 11.80	4.92 -0.17 9.20	10.13 -0.15 -3.17	15.25 -0.44 7.17	24.63 -0.52 0.35	17.70 -0.52 6.31	22.93 -0.49 4.30	20.52 -0.51 -1.66	10.55 -0.60 8.60	13.01 -1.00 14.16	14.02 0.32 -23.03	41.01 -2.80 15.35	29.55 -1.61 1.30	8.89 0.18 -12.73	9.10 0.06 -10.28	12.92 -0.16 -7.01	17.91 -0.24 -3.15
HUNTLEY___68 23562	3.51 0.03 -10.61	4.87 0.03 -9.01	3.76 0.10 -10.09	3.26 0.11 -10.08	3.59 0.09 -10.18	3.04 0.04 -9.60	12.97 -0.25 -0.29	13.99 -0.37 11.80	4.92 -0.17 9.20	10.13 -0.15 -3.17	15.25 -0.44 7.17	24.63 -0.52 0.35	17.70 -0.52 6.31	22.93 -0.49 4.30	20.52 -0.51 -1.66	10.55 -0.60 8.60	13.01 -1.00 14.16	14.02 0.32 -23.03	41.01 -2.80 15.35	29.55 -1.61 1.30	8.89 0.18 -12.73	9.10 0.06 -10.28	12.92 -0.16 -7.01	17.91 -0.24 -3.15
HYLAND___LFGE 323620	3.84 -0.29 -11.26	5.25 -0.14 -9.56	4.08 -0.19 -10.70	3.57 -0.20 -10.70	3.91 -0.21 -10.80	3.34 -0.25 -10.18	17.22 0.54 -3.76	29.33 1.26 -1.91	18.48 0.71 -3.48	12.46 0.35 -5.01	24.08 0.87 -0.35	26.74 0.82 -0.42	24.57 0.91 0.88	29.64 1.26 -0.66	23.77 0.85 -3.55	22.20 0.72 -1.74	27.76 0.95 1.36	16.72 -0.34 -26.39	57.68 1.80 3.28	34.97 0.93 -1.59	9.38 -0.12 -13.52	9.63 -0.04 -10.92	13.71 0.20 -7.44	18.83 0.48 -3.35
INDECK___CORINTH 23802	42.16 -0.41 -49.71	37.75 -0.26 -42.18	40.40 -0.40 -47.23	39.88 -0.40 -47.21	40.58 -0.40 -47.67	37.94 -0.41 -44.93	31.99 0.94 -18.12	42.84 1.99 -14.69	38.83 1.11 -23.43	35.16 0.49 -27.57	37.10 1.46 -12.78	30.35 1.63 -3.22	29.70 1.50 -3.66	39.61 1.35 -10.54	40.33 0.67 -20.29	44.05 0.54 -23.76	41.11 0.79 -12.15	125.35 -0.28 -134.95	62.43 1.72 -1.55	45.45 0.90 -12.10	63.66 -0.09 -67.78	53.47 -0.03 -54.74	43.47 0.10 -37.30	31.99 0.22 -16.77

INDECK___ILION 23567	-5.90 -0.03 -1.27	-3.11 -0.02 -1.08	-5.27 -0.04 -1.21	-5.77 -0.05 -1.20	-5.52 -0.05 -1.22	-5.49 -0.05 -1.15	13.37 0.11 -0.34	26.12 0.20 0.25	14.42 0.09 -0.04	7.77 0.05 -0.61	23.18 0.03 -0.28	25.48 -0.09 -0.07	24.54 -0.09 -0.08	27.97 0.01 -0.23	19.90 0.07 -0.45	20.36 0.08 -0.53	28.62 0.18 -0.27	-6.41 -0.10 -3.02	59.93 0.73 -0.04	33.09 0.36 -0.27	-2.55 -0.04 -1.51	-0.03 -0.01 -1.22	6.92 0.03 -0.83	15.41 0.03 -0.37
INDECK___OLEAN 23982	4.17 -0.15 -11.45	5.49 -0.05 -9.71	4.40 -0.05 -10.87	3.88 -0.06 -10.87	4.23 -0.06 -10.98	3.64 -0.13 -10.35	15.85 0.09 -2.84	24.89 -0.18 1.10	14.34 -0.12 -0.17	11.06 0.07 -3.89	17.90 0.48 5.44	26.03 0.68 0.15	20.07 0.67 5.14	25.53 0.95 3.14	22.25 0.58 -2.30	14.23 0.63 6.15	17.50 0.68 11.34	16.01 -0.05 -25.39	47.33 0.98 12.81	32.39 0.49 0.55	9.65 -0.06 -13.73	9.81 -0.04 -11.09	13.86 0.23 -7.56	19.13 0.73 -3.40
INDECK___OSWEGO 23783	-0.11 0.11 -6.91	1.77 0.07 -5.87	0.25 0.11 -6.57	-0.24 0.12 -6.57	0.06 0.12 -6.63	-0.23 0.11 -6.25	15.41 -0.24 -2.72	28.54 -0.46 -2.84	17.78 -0.24 -3.72	11.64 -0.12 -4.66	26.09 -0.39 -3.62	25.48 -0.42 -0.39	25.05 -0.40 -0.90	28.57 -0.43 -1.29	21.52 -0.33 -2.48	22.33 -0.33 -2.91	29.21 -0.44 -1.49	8.31 0.14 -17.50	58.37 -1.01 -0.22	33.31 -0.62 -1.48	4.35 0.08 -8.29	5.48 0.02 -6.70	10.51 -0.12 -4.57	16.75 -0.30 -2.05
INDECK___YERKES 23781	3.33 -0.02 -10.49	4.73 0.00 -8.90	3.60 0.06 -9.96	3.10 0.07 -9.96	3.42 0.05 -10.06	2.88 -0.02 -9.48	13.49 -0.14 -0.70	15.85 -0.48 9.84	6.57 -0.28 7.45	10.30 -0.09 -3.29	16.22 -0.31 6.33	24.89 -0.34 0.27	18.51 -0.35 5.69	23.67 -0.30 3.75	20.81 -0.37 -1.81	11.83 -0.45 7.46	14.67 -0.80 12.70	13.84 0.23 -22.94	42.87 -2.36 13.93	30.06 -1.39 1.00	8.70 0.15 -12.58	8.96 0.04 -10.16	12.87 -0.12 -6.92	17.96 -0.15 -3.11
INDIAN POINT_GT_1 24139	32.18 -0.31 -39.62	29.28 -0.17 -33.62	30.97 -0.25 -37.65	30.44 -0.26 -37.63	31.06 -0.25 -38.00	28.95 -0.27 -35.82	27.73 0.60 -14.20	37.75 1.20 -10.38	32.20 0.64 -17.27	28.65 0.35 -21.20	33.60 1.20 -9.54	29.26 1.31 -2.45	28.43 1.29 -2.59	37.09 1.45 -7.92	35.95 1.02 -15.57	38.64 1.01 -17.88	38.49 1.49 -8.83	94.09 -0.49 -103.91	62.80 2.95 -0.69	43.29 1.63 -9.21	48.00 -0.21 -52.22	40.87 -0.07 -42.18	35.11 0.30 -28.74	28.61 0.69 -12.92
INDIAN POINT_GT_2 23659	32.18 -0.31 -39.62	29.28 -0.17 -33.62	30.97 -0.25 -37.65	30.44 -0.26 -37.63	31.06 -0.25 -38.00	28.95 -0.27 -35.82	27.73 0.60 -14.20	37.75 1.20 -10.38	32.20 0.64 -17.27	28.65 0.35 -21.20	33.60 1.20 -9.54	29.26 1.31 -2.45	28.43 1.29 -2.59	37.09 1.45 -7.92	35.95 1.02 -15.57	38.64 1.01 -17.88	38.49 1.49 -8.83	94.09 -0.49 -103.91	62.80 2.95 -0.69	43.29 1.63 -9.21	48.00 -0.21 -52.22	40.87 -0.07 -42.18	35.11 0.30 -28.74	28.61 0.69 -12.92
INDIAN POINT_GT_3 24019	32.18 -0.31 -39.62	29.28 -0.17 -33.62	30.97 -0.25 -37.65	30.44 -0.26 -37.63	31.06 -0.25 -38.00	28.95 -0.27 -35.82	27.73 0.60 -14.20	37.75 1.20 -10.38	32.20 0.64 -17.27	28.65 0.35 -21.20	33.60 1.20 -9.54	29.26 1.31 -2.45	28.43 1.29 -2.59	37.09 1.45 -7.92	35.95 1.02 -15.57	38.64 1.01 -17.88	38.49 1.49 -8.83	94.09 -0.49 -103.91	62.80 2.95 -0.69	43.29 1.63 -9.21	48.00 -0.21 -52.22	40.87 -0.07 -42.18	35.11 0.30 -28.74	28.61 0.69 -12.92
INDIAN POINT___2 23530	31.69 -0.31 -39.13	28.87 -0.17 -33.21	30.51 -0.25 -37.19	29.98 -0.26 -37.17	30.59 -0.25 -37.53	28.52 -0.27 -35.38	27.53 0.59 -14.01	37.49 1.18 -10.15	31.89 0.64 -16.96	28.35 0.34 -20.90	33.44 1.18 -9.40	29.20 1.28 -2.42	28.36 1.26 -2.55	36.95 1.43 -7.80	35.71 1.00 -15.35	38.36 0.99 -17.63	38.32 1.46 -8.69	92.66 -0.49 -102.48	62.71 2.88 -0.67	43.11 1.58 -9.08	47.28 -0.20 -51.50	40.29 -0.07 -41.59	34.71 0.29 -28.35	28.43 0.68 -12.74
INDIAN POINT___3 23531	32.20 -0.31 -39.64	29.30 -0.17 -33.63	30.99 -0.25 -37.67	30.45 -0.26 -37.65	31.08 -0.25 -38.02	28.97 -0.27 -35.83	27.73 0.59 -14.21	37.74 1.18 -10.39	32.21 0.63 -17.29	28.66 0.35 -21.21	33.58 1.18 -9.54	29.25 1.29 -2.45	28.41 1.27 -2.59	37.07 1.43 -7.92	35.94 1.00 -15.57	38.64 1.00 -17.90	38.46 1.46 -8.84	94.16 -0.48 -103.97	62.75 2.89 -0.69	43.26 1.60 -9.21	48.03 -0.20 -52.25	40.89 -0.07 -42.20	35.12 0.29 -28.76	28.61 0.68 -12.93
INGHAM_C_115KV_TB7 356103	-5.95 -0.08 -1.27	-3.14 -0.05 -1.08	-5.33 -0.10 -1.21	-5.84 -0.11 -1.20	-5.59 -0.12 -1.22	-5.57 -0.13 -1.15	13.51 0.27 -0.32	26.29 0.48 0.35	14.46 0.21 0.05	7.85 0.14 -0.61	23.30 0.16 -0.28	25.42 -0.15 -0.07	24.49 -0.14 -0.08	28.07 0.12 -0.23	20.03 0.20 -0.45	20.50 0.22 -0.53	28.87 0.44 -0.27	-6.55 -0.24 -3.02	60.67 1.48 -0.04	33.43 0.70 -0.27	-2.59 -0.08 -1.51	-0.05 -0.03 -1.22	6.94 0.04 -0.83	15.39 0.01 -0.37
IP CORINTH___1 23988	42.16 -0.41 -49.71	37.75 -0.26 -42.18	40.40 -0.40 -47.23	39.88 -0.40 -47.21	40.58 -0.40 -47.67	37.94 -0.41 -44.93	32.00 0.95 -18.12	42.85 2.00 -14.69	38.83 1.11 -23.43	35.16 0.49 -27.57	37.10 1.46 -12.78	30.35 1.63 -3.22	29.70 1.50 -3.66	39.66 1.40 -10.54	40.42 0.76 -20.29	44.16 0.66 -23.76	41.28 0.96 -12.15	125.29 -0.33 -134.95	62.78 2.06 -1.55	45.63 1.08 -12.10	63.63 -0.12 -67.78	53.46 -0.03 -54.74	43.51 0.14 -37.30	32.08 0.31 -16.77
IP___TICONDEROGA 23804	42.00 -0.51 -49.64	37.61 -0.34 -42.12	40.25 -0.49 -47.17	39.69 -0.53 -47.14	40.40 -0.52 -47.61	37.71 -0.58 -44.87	32.40 1.43 -18.05	43.64 3.05 -14.43	39.18 1.69 -23.19	35.40 0.76 -27.54	37.92 2.30 -12.76	31.29 2.57 -3.22	30.80 2.60 -3.66	40.98 2.73 -10.53	41.32 1.69 -20.26	45.17 1.70 -23.73	42.81 2.51 -12.14	124.64 -0.80 -134.77	65.96 5.24 -1.55	47.23 2.69 -12.08	63.38 -0.28 -67.69	53.34 -0.08 -54.66	43.69 0.37 -37.25	32.64 0.90 -16.75
ISLIP_RES_REC 323679	32.28 -0.57 -39.98	29.46 -0.30 -33.93	31.14 -0.42 -37.99	30.60 -0.44 -37.97	31.22 -0.44 -38.35	29.03 -0.53 -36.14	28.55 1.27 -14.36	39.06 2.29 -10.60	33.01 1.17 -17.54	29.10 0.58 -21.42	34.58 2.08 -9.64	29.79 2.50 -1.79	31.61 2.51 -4.55	38.52 2.73 -8.08	36.91 1.82 -15.73	39.80 1.98 -18.08	40.23 2.95 -9.12	94.72 -0.93 -104.98	66.38 5.93 -1.28	45.04 3.28 -9.30	48.34 -0.40 -52.76	41.25 -0.12 -42.61	35.73 0.62 -29.04	29.48 1.43 -13.06
JAMAICA__27_KV_LOAD 355505	32.54 -0.30 -39.97	29.59 -0.16 -33.92	31.32 -0.23 -37.98	30.79 -0.25 -37.96	31.41 -0.24 -38.34	29.28 -0.27 -36.14	27.98 0.71 -14.34	38.13 1.41 -10.55	32.54 0.75 -17.50	28.93 0.42 -21.41	33.88 1.38 -9.64	29.47 1.50 -2.48	28.67 1.50 -2.62	37.41 1.69 -8.00	36.27 1.19 -15.72	38.95 1.13 -18.07	38.79 1.70 -8.93	95.08 -0.55 -104.96	63.17 3.30 -0.70	43.57 1.82 -9.30	48.49 -0.24 -52.75	41.28 -0.08 -42.60	35.44 0.34 -29.03	28.82 0.77 -13.05
JANIS___SOLAR 323808	7.42 -0.33 -14.89	8.30 -0.17 -12.64	7.48 -0.24 -14.15	6.96 -0.25 -14.14	7.30 -0.29 -14.28	6.54 -0.34 -13.46	18.96 0.68 -5.36	31.50 1.27 -4.06	21.02 0.64 -6.09	14.52 0.32 -7.10	26.33 1.14 -2.33	27.55 1.28 -0.77	26.19 1.50 -0.14	31.58 1.74 -2.12	25.79 1.12 -5.30	25.78 1.11 -4.92	31.17 1.69 -1.31	26.79 -0.64 -36.76	61.80 4.14 1.50	37.47 2.14 -2.88	14.33 -0.24 -18.60	13.71 -0.08 -15.02	16.60 0.30 -10.24	20.30 0.69 -4.60

JARVIS____ 23743	-5.83 0.03 -1.27	-3.08 0.01 -1.08	-5.21 0.02 -1.21	-5.71 0.02 -1.20	-5.45 0.02 -1.22	-5.41 0.03 -1.15	13.33 -0.05 -0.46	25.90 -0.09 0.19	14.33 -0.05 -0.09	7.68 -0.03 -0.61	23.01 -0.14 -0.28	25.42 -0.15 -0.07	24.47 -0.15 -0.08	27.77 -0.18 -0.23	19.72 -0.10 -0.45	20.18 -0.10 -0.53	28.31 -0.13 -0.27	-6.26 0.05 -3.02	59.13 -0.07 -0.04	32.68 -0.04 -0.27	-2.50 0.01 -1.51	-0.01 0.00 -1.22	6.89 -0.01 -0.83	15.35 -0.03 -0.37
JENNISON____1 23625	10.48 -0.32 -17.94	10.91 -0.14 -15.22	10.44 -0.18 -17.05	9.96 -0.15 -17.04	10.29 -0.23 -17.21	9.34 -0.29 -16.22	19.79 0.55 -6.32	31.15 0.87 -4.11	21.32 0.37 -6.65	16.05 0.25 -8.70	26.90 1.04 -3.00	27.69 1.22 -0.97	26.36 1.57 -0.25	32.06 1.63 -2.71	27.03 1.03 -6.63	27.19 1.19 -6.26	31.74 1.77 -1.81	35.83 -0.66 -45.82	61.71 4.25 1.70	38.15 2.07 -3.63	18.92 -0.23 -23.18	17.40 -0.08 -18.72	19.06 0.24 -12.76	21.35 0.62 -5.74
JENNISON____2 23626	10.48 -0.32 -17.94	10.91 -0.14 -15.22	10.44 -0.18 -17.05	9.96 -0.15 -17.04	10.29 -0.23 -17.21	9.34 -0.29 -16.22	19.79 0.55 -6.32	31.15 0.87 -4.11	21.32 0.37 -6.65	16.05 0.25 -8.70	26.90 1.04 -3.00	27.69 1.22 -0.97	26.36 1.57 -0.25	32.06 1.63 -2.71	27.03 1.03 -6.63	27.19 1.19 -6.26	31.74 1.77 -1.81	35.83 -0.66 -45.82	61.71 4.25 1.70	38.15 2.07 -3.63	18.92 -0.23 -23.18	17.40 -0.08 -18.72	19.06 0.24 -12.76	21.35 0.62 -5.74
JERICHO_RISE_WT_PWR 323719	-4.61 0.84 -1.69	-2.26 0.48 -1.43	-4.12 0.70 -1.60	-4.73 0.60 -1.60	-4.54 0.53 -1.62	-4.51 0.56 -1.52	11.41 -1.08 0.43	19.18 -2.39 4.60	9.23 -1.53 3.54	-11.53 -0.86 17.78	-8.99 -2.92 28.94	22.23 -3.36 -0.09	14.86 -3.30 6.39	24.28 -3.75 -0.31	17.49 -2.48 -0.60	17.64 -2.82 -0.71	24.88 -3.65 -0.36	-18.08 1.31 10.06	53.84 -5.00 0.32	30.77 -2.04 -0.36	-1.74 0.27 -2.02	0.47 0.08 -1.63	6.89 -0.28 -1.11	14.77 -0.73 -0.50
KATONAH____115KV_46KV_TB4 355592	32.98 -0.35 -40.46	29.98 -0.19 -34.33	31.74 -0.28 -38.45	31.20 -0.30 -38.43	31.83 -0.29 -38.81	29.68 -0.31 -36.58	28.17 0.69 -14.55	38.40 1.39 -10.84	32.90 0.75 -17.86	29.21 0.41 -21.70	34.01 1.37 -9.78	29.52 1.51 -2.51	28.68 1.48 -2.66	37.50 1.66 -8.11	36.47 1.16 -15.94	39.24 1.17 -18.32	38.95 1.72 -9.06	96.48 -0.57 -106.38	63.41 3.52 -0.73	43.81 1.92 -9.43	49.20 -0.24 -53.47	41.86 -0.08 -43.18	35.84 0.34 -29.43	29.02 0.79 -13.23
KCE_NY_1 323755	42.07 -0.36 -49.57	37.68 -0.22 -42.06	40.34 -0.33 -47.10	39.80 -0.35 -47.08	40.51 -0.35 -47.54	37.89 -0.34 -44.81	31.77 0.76 -18.09	42.46 1.57 -14.72	38.60 0.88 -23.42	35.01 0.41 -27.50	36.88 1.28 -12.74	30.11 1.39 -3.21	29.47 1.28 -3.65	39.64 1.41 -10.51	40.54 0.94 -20.24	44.40 0.95 -23.69	41.67 1.38 -12.12	124.78 -0.47 -134.58	63.65 2.94 -1.55	46.07 1.55 -12.06	63.37 -0.19 -67.59	53.28 -0.06 -54.58	43.53 0.26 -37.20	32.34 0.61 -16.72
KCE_NY_6_ESR 323823	3.71 -0.01 -10.84	5.05 0.02 -9.20	3.95 0.07 -10.30	3.45 0.08 -10.30	3.78 0.07 -10.40	3.21 0.00 -9.80	14.06 -0.16 -1.30	18.22 -0.46 7.49	8.62 -0.26 5.42	10.47 -0.08 -3.45	16.32 -0.23 6.30	24.99 -0.26 0.25	18.61 -0.23 5.70	23.84 -0.16 3.72	21.05 -0.25 -1.92	12.04 -0.32 7.39	14.87 -0.58 12.72	14.65 0.19 -23.78	43.49 -1.67 14.01	30.51 -1.00 0.95	9.09 0.11 -13.01	9.29 0.03 -10.51	13.18 -0.05 -7.16	18.23 0.01 -3.22
KEDC_PORT_JEFF_GT2 24210	32.33 -0.52 -39.98	29.48 -0.28 -33.93	31.18 -0.38 -37.99	30.64 -0.40 -37.97	31.27 -0.39 -38.35	29.07 -0.49 -36.14	28.45 1.17 -14.36	38.86 2.09 -10.60	32.89 1.05 -17.55	29.04 0.53 -21.42	34.42 1.92 -9.64	29.54 2.32 -1.72	31.24 2.33 -4.37	38.28 2.49 -8.07	36.75 1.66 -15.73	39.62 1.80 -18.08	39.96 2.68 -9.12	94.81 -0.84 -104.98	65.84 5.39 -1.28	44.74 2.99 -9.30	48.37 -0.37 -52.76	41.26 -0.11 -42.61	35.68 0.57 -29.04	29.37 1.32 -13.06
KEDC_PORT_JEFF_GT3 24211	32.33 -0.52 -39.98	29.48 -0.28 -33.93	31.18 -0.38 -37.99	30.64 -0.40 -37.97	31.27 -0.39 -38.35	29.07 -0.49 -36.14	28.45 1.17 -14.36	38.86 2.09 -10.60	32.89 1.05 -17.55	29.04 0.53 -21.42	34.42 1.92 -9.64	29.54 2.32 -1.72	31.24 2.33 -4.37	38.28 2.49 -8.07	36.75 1.66 -15.73	39.62 1.80 -18.08	39.96 2.68 -9.12	94.81 -0.84 -104.98	65.84 5.39 -1.28	44.74 2.99 -9.30	48.37 -0.37 -52.76	41.26 -0.11 -42.61	35.68 0.57 -29.04	29.37 1.32 -13.06
KEDC_GLWD_GT4 24219	32.45 -0.40 -39.99	29.54 -0.21 -33.93	31.26 -0.31 -37.99	30.72 -0.33 -37.97	31.35 -0.31 -38.35	29.20 -0.36 -36.14	28.11 0.83 -14.35	38.30 1.56 -10.57	32.64 0.83 -17.52	28.96 0.44 -21.42	34.08 1.58 -9.64	31.60 1.85 -4.26	40.03 1.83 -13.65	38.03 1.97 -8.34	36.43 1.34 -15.73	39.20 1.38 -18.08	39.38 1.99 -9.23	95.06 -0.60 -104.98	64.68 3.91 -1.60	43.96 2.20 -9.30	48.46 -0.27 -52.76	41.28 -0.09 -42.61	35.52 0.41 -29.04	29.01 0.95 -13.05
KEDC_GLWD_GT5 24220	32.45 -0.40 -39.99	29.54 -0.21 -33.93	31.26 -0.31 -37.99	30.72 -0.33 -37.97	31.35 -0.31 -38.35	29.20 -0.36 -36.14	28.11 0.83 -14.35	38.30 1.56 -10.57	32.64 0.83 -17.52	28.96 0.44 -21.42	34.08 1.58 -9.64	31.60 1.85 -4.26	40.03 1.83 -13.65	38.03 1.97 -8.34	36.43 1.34 -15.73	39.20 1.38 -18.08	39.38 1.99 -9.23	95.06 -0.60 -104.98	64.68 3.91 -1.60	43.96 2.20 -9.30	48.46 -0.27 -52.76	41.28 -0.09 -42.61	35.52 0.41 -29.04	29.01 0.95 -13.05
KENSICO____ 23655	32.45 -0.32 -39.91	29.52 -0.17 -33.86	31.23 -0.25 -37.92	30.70 -0.27 -37.90	31.32 -0.26 -38.28	29.20 -0.29 -36.07	27.88 0.63 -14.32	37.94 1.26 -10.51	32.42 0.67 -17.45	28.84 0.37 -21.37	33.75 1.27 -9.62	29.36 1.39 -2.47	28.53 1.37 -2.62	37.24 1.54 -7.99	36.14 1.08 -15.69	38.85 1.06 -18.03	38.64 1.57 -8.91	94.92 -0.51 -104.76	62.98 3.11 -0.70	43.44 1.71 -9.28	48.41 -0.21 -52.65	41.21 -0.07 -42.52	35.36 0.31 -28.98	28.75 0.72 -13.02
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	30.84 -0.37 -38.34	28.17 -0.20 -32.54	29.71 -0.29 -36.43	29.17 -0.32 -36.42	29.78 -0.31 -36.78	27.74 -0.33 -34.66	27.46 0.71 -13.82	38.03 1.46 -10.40	32.05 0.77 -16.98	27.67 0.39 -20.18	33.09 1.26 -8.97	29.11 1.29 -2.32	28.36 1.41 -2.41	36.74 1.56 -7.46	35.30 1.19 -14.75	37.66 1.04 -16.87	38.03 1.60 -8.27	88.80 -0.53 -98.66	63.04 3.33 -0.54	43.00 1.83 -8.72	45.34 -0.23 -49.59	38.72 -0.08 -40.05	33.73 0.37 -27.30	28.11 0.84 -12.27
KIAC_JFK_GT1 23816	32.56 -0.28 -39.97	29.60 -0.15 -33.92	31.34 -0.21 -37.98	30.81 -0.23 -37.96	31.43 -0.22 -38.34	29.30 -0.25 -36.14	27.93 0.66 -14.34	38.03 1.31 -10.55	32.49 0.70 -17.50	28.91 0.39 -21.41	33.80 1.31 -9.64	29.39 1.41 -2.48	28.59 1.42 -2.62	37.31 1.59 -8.00	36.20 1.11 -15.72	38.88 1.06 -18.07	38.68 1.59 -8.93	95.12 -0.51 -104.96	62.93 3.07 -0.70	43.44 1.68 -9.30	48.51 -0.22 -52.75	41.29 -0.07 -42.60	35.41 0.32 -29.03	28.77 0.71 -13.05
KIAC_JFK_GT2 23817	32.56 -0.28 -39.97	29.60 -0.15 -33.92	31.34 -0.21 -37.98	30.81 -0.23 -37.96	31.43 -0.22 -38.34	29.30 -0.25 -36.14	27.93 0.66 -14.34	38.03 1.31 -10.55	32.49 0.70 -17.50	28.91 0.39 -21.41	33.80 1.31 -9.64	29.39 1.41 -2.48	28.59 1.42 -2.62	37.31 1.59 -8.00	36.20 1.11 -15.72	38.88 1.06 -18.07	38.68 1.59 -8.93	95.12 -0.51 -104.96	62.93 3.07 -0.70	43.44 1.68 -9.30	48.51 -0.22 -52.75	41.29 -0.07 -42.60	35.41 0.32 -29.03	28.77 0.71 -13.05

KIAC_JFK____ 323774	32.56 -0.28 -39.97	29.60 -0.15 -33.92	31.34 -0.21 -37.98	30.81 -0.23 -37.96	31.43 -0.22 -38.34	29.30 -0.25 -36.14	27.94 0.67 -14.34	38.03 1.31 -10.55	32.51 0.72 -17.50	28.91 0.39 -21.41	33.81 1.31 -9.64	29.39 1.41 -2.48	28.59 1.42 -2.62	37.32 1.60 -8.00	36.20 1.11 -15.72	38.88 1.06 -18.07	38.68 1.59 -8.93	95.12 -0.51 -104.96	62.95 3.08 -0.70	43.44 1.69 -9.30	48.51 -0.22 -52.75	41.29 -0.07 -42.60	35.42 0.32 -29.03	28.77 0.71 -13.05
KINTIGH____ 23543	2.64 -0.02 -9.79	4.14 0.00 -8.31	2.92 0.05 -9.31	2.42 0.05 -9.30	2.74 0.04 -9.39	2.25 -0.01 -8.85	19.05 -0.16 -6.29	40.79 -0.26 -14.88	29.20 -0.13 -15.03	12.65 -0.11 -5.66	29.15 -0.33 -6.62	26.11 -0.38 -1.00	27.97 -0.43 -3.86	32.04 -0.40 -4.72	23.43 -0.45 -4.51	29.34 -0.53 -10.13	36.91 -0.93 -9.68	15.42 0.29 -24.46	63.63 -3.00 -7.47	34.48 -1.71 -3.74	7.92 0.19 -11.75	8.30 0.06 -9.49	12.34 -0.19 -6.47	17.55 -0.35 -2.91
KNTFSRNC_46_KV_46KV_LOAD 80397	-4.76 0.73 -1.64	-2.35 0.42 -1.39	-4.24 0.63 -1.56	-4.87 0.50 -1.56	-4.68 0.43 -1.58	-4.67 0.43 -1.49	11.71 -0.83 0.38	19.55 -2.33 4.29	9.50 -1.51 3.29	-8.57 -0.72 14.95	-4.09 -2.49 24.46	22.74 -2.85 -0.09	16.39 -2.76 5.40	24.87 -3.15 -0.30	17.85 -2.11 -0.59	18.00 -2.43 -0.69	25.49 -3.03 -0.35	-16.37 0.97 8.01	55.19 -3.71 0.26	31.50 -1.30 -0.35	-1.88 0.18 -1.97	0.39 0.05 -1.59	6.99 -0.16 -1.08	15.03 -0.46 -0.49
LACHUTE____HYDRO 323717	42.00 -0.51 -49.64	37.61 -0.34 -42.12	40.25 -0.49 -47.17	39.69 -0.53 -47.14	40.40 -0.52 -47.61	37.71 -0.58 -44.87	32.40 1.42 -18.05	43.62 3.03 -14.43	39.16 1.68 -23.19	35.39 0.75 -27.54	37.92 2.30 -12.76	31.29 2.57 -3.22	30.80 2.60 -3.66	40.98 2.73 -10.53	41.33 1.69 -20.26	45.17 1.70 -23.73	42.81 2.51 -12.14	124.63 -0.80 -134.77	65.96 5.25 -1.55	47.22 2.69 -12.08	63.38 -0.28 -67.69	53.34 -0.08 -54.66	43.69 0.37 -37.25	32.64 0.90 -16.75
LAWRNCALV_115KV_TB1 80681	-4.39 0.63 -2.12	-2.03 0.34 -1.80	-3.92 0.51 -2.01	-4.44 0.48 -2.01	-4.18 0.48 -2.03	-4.14 0.53 -1.91	11.72 -1.05 0.16	19.72 -2.53 3.92	9.96 -1.46 2.88	36.38 -0.69 -29.97	66.66 -2.32 -46.12	22.97 -2.65 -0.12	32.05 -2.74 -10.25	25.02 -3.09 -0.39	18.09 -2.04 -0.76	18.29 -2.35 -0.89	25.42 -3.20 -0.45	18.71 1.08 -26.95	55.60 -4.19 -0.63	30.96 -1.94 -0.45	-1.25 0.24 -2.53	0.89 0.08 -2.04	7.25 -0.21 -1.39	15.15 -0.48 -0.63
LEDERLE____ 23769	31.17 -0.34 -38.65	28.44 -0.19 -32.79	30.02 -0.28 -36.73	29.48 -0.30 -36.71	30.09 -0.29 -37.07	28.04 -0.31 -34.94	27.40 0.65 -13.82	37.44 1.31 -9.95	31.68 0.71 -16.68	28.10 0.38 -20.62	33.42 1.30 -9.26	29.30 1.42 -2.38	28.45 1.40 -2.51	36.99 1.58 -7.69	35.61 1.11 -15.13	38.22 1.10 -17.37	38.36 1.63 -8.56	91.18 -0.54 -101.05	63.05 3.24 -0.65	43.18 1.78 -8.95	46.54 -0.23 -50.79	39.70 -0.08 -41.02	34.35 0.33 -27.95	28.33 0.77 -12.56
LIGHTHSE_115KV_TB6 355974	-0.50 0.15 -6.49	1.40 0.07 -5.50	-0.15 0.12 -6.16	-0.64 0.13 -6.16	-0.32 0.15 -6.22	-0.57 0.15 -5.86	15.09 -0.31 -2.48	27.44 -0.54 -1.81	16.82 -0.25 -2.77	13.16 -0.16 -6.22	28.62 -0.56 -6.32	25.27 -0.60 -0.37	25.49 -0.55 -1.49	28.34 -0.58 -1.21	21.26 -0.43 -2.33	22.04 -0.43 -2.72	29.09 -0.47 -1.39	8.65 0.18 -17.80	58.92 -0.48 -0.24	33.38 -0.46 -1.39	3.82 0.08 -7.77	5.06 0.03 -6.27	10.22 -0.13 -4.28	16.61 -0.31 -1.92
LINDEN COGEN____ 23786	32.56 -0.28 -39.97	29.60 -0.15 -33.92	31.34 -0.21 -37.98	30.80 -0.23 -37.96	31.43 -0.22 -38.34	29.30 -0.25 -36.14	27.75 0.57 -14.26	37.46 1.15 -10.14	32.09 0.64 -17.16	28.86 0.35 -21.41	33.70 1.20 -9.64	29.27 1.29 -2.48	28.45 1.28 -2.62	37.16 1.44 -8.00	36.10 1.01 -15.72	38.80 0.99 -18.07	38.51 1.42 -8.93	95.17 -0.46 -104.96	62.57 2.71 -0.70	43.25 1.49 -9.30	48.54 -0.19 -52.75	41.30 -0.07 -42.60	35.38 0.28 -29.03	28.68 0.62 -13.05
LINDHRST_69_KV_BK1 356055	32.34 -0.51 -39.98	29.49 -0.27 -33.93	31.18 -0.38 -37.99	30.64 -0.40 -37.97	31.27 -0.39 -38.35	29.09 -0.47 -36.14	28.39 1.11 -14.36	38.79 2.03 -10.59	32.84 1.02 -17.53	29.04 0.52 -21.42	34.41 1.90 -9.64	30.59 2.30 -2.79	34.41 2.28 -7.59	38.35 2.47 -8.16	36.74 1.64 -15.73	39.56 1.74 -18.08	39.88 2.58 -9.14	94.85 -0.80 -104.98	65.61 5.11 -1.33	44.61 2.85 -9.30	48.39 -0.35 -52.76	41.26 -0.11 -42.61	35.66 0.55 -29.04	29.33 1.27 -13.06
LIPA_MISC_IPP 23656	32.33 -0.52 -39.98	29.48 -0.28 -33.93	31.18 -0.38 -37.99	30.64 -0.40 -37.97	31.26 -0.40 -38.35	29.07 -0.49 -36.14	28.44 1.16 -14.36	38.87 2.10 -10.60	32.88 1.04 -17.55	29.04 0.52 -21.42	34.37 1.87 -9.64	29.45 2.26 -1.69	31.09 2.27 -4.27	38.24 2.46 -8.07	36.72 1.63 -15.73	39.62 1.80 -18.08	39.95 2.67 -9.12	94.81 -0.84 -104.98	65.81 5.37 -1.28	44.74 2.98 -9.30	48.37 -0.37 -52.76	41.26 -0.11 -42.61	35.68 0.58 -29.04	29.37 1.31 -13.06
LISF____SOLAR 323691	32.32 -0.53 -39.98	29.48 -0.28 -33.93	31.17 -0.39 -37.99	30.64 -0.41 -37.97	31.26 -0.40 -38.35	29.05 -0.50 -36.14	28.48 1.20 -14.36	38.91 2.14 -10.60	32.91 1.07 -17.55	29.04 0.52 -21.42	34.38 1.88 -9.64	29.47 2.27 -1.70	31.15 2.30 -4.31	38.26 2.48 -8.07	36.74 1.64 -15.73	39.66 1.84 -18.08	40.01 2.72 -9.12	94.80 -0.86 -104.98	65.95 5.52 -1.28	44.81 3.06 -9.30	48.37 -0.38 -52.76	41.26 -0.11 -42.61	35.69 0.58 -29.04	29.39 1.34 -13.06
LITTLE FALLS____HYD 24013	-5.95 -0.08 -1.27	-3.14 -0.05 -1.08	-5.33 -0.10 -1.21	-5.84 -0.11 -1.20	-5.59 -0.12 -1.22	-5.57 -0.13 -1.15	13.51 0.27 -0.32	26.29 0.48 0.35	14.46 0.21 0.05	7.85 0.14 -0.61	23.30 0.16 -0.28	25.42 -0.15 -0.07	24.49 -0.14 -0.08	28.07 0.12 -0.23	20.03 0.20 -0.45	20.50 0.22 -0.53	28.87 0.44 -0.27	-6.55 -0.24 -3.02	60.67 1.48 -0.04	33.43 0.70 -0.27	-2.59 -0.08 -1.51	-0.05 -0.03 -1.22	6.94 0.04 -0.83	15.39 0.01 -0.37
LITTLRIV_115KV_TB1 356100	-4.39 0.57 -2.17	-2.03 0.31 -1.84	-3.92 0.45 -2.06	-4.45 0.42 -2.06	-4.19 0.42 -2.08	-4.15 0.47 -1.96	11.92 -0.89 0.11	20.18 -2.19 3.80	10.25 -1.28 2.77	36.59 -0.60 -30.09	67.09 -2.05 -46.28	23.24 -2.39 -0.12	32.34 -2.49 -10.29	25.31 -2.81 -0.40	18.30 -1.84 -0.78	18.55 -2.10 -0.91	25.78 -2.85 -0.46	18.78 0.96 -27.15	56.41 -3.38 -0.63	31.40 -1.52 -0.46	-1.25 0.19 -2.59	0.92 0.07 -2.09	7.36 -0.14 -1.43	15.33 -0.31 -0.64
LI_NEWBRDGE____DRP 323616	32.46 -0.39 -39.98	29.56 -0.20 -33.93	31.28 -0.28 -37.99	30.75 -0.30 -37.97	31.37 -0.29 -38.35	29.21 -0.35 -36.14	28.12 0.84 -14.36	38.27 1.52 -10.58	32.57 0.75 -17.52	28.93 0.41 -21.42	34.02 1.52 -9.64	28.50 1.90 -1.10	28.89 1.87 -2.47	37.69 1.95 -8.01	36.38 1.28 -15.73	39.17 1.35 -18.08	39.24 1.96 -9.11	95.06 -0.59 -104.98	64.29 3.89 -1.24	43.92 2.16 -9.30	48.47 -0.27 -52.76	41.29 -0.08 -42.61	35.53 0.42 -29.04	29.02 0.97 -13.06
LOCKPORT_115KV_TB60_63_64 80432	3.15 0.03 -10.25	4.54 0.01 -8.70	3.39 0.08 -9.74	2.89 0.08 -9.73	3.21 0.07 -9.83	2.69 0.01 -9.26	13.86 -0.18 -1.12	18.10 -0.23 7.84	8.58 -0.10 5.62	10.45 -0.12 -3.46	17.51 -0.38 4.97	24.88 -0.48 0.14	19.38 -0.50 4.67	24.41 -0.44 2.87	20.93 -0.48 -2.04	13.55 -0.56 5.64	16.91 -0.94 10.32	13.67 0.28 -22.71	44.79 -2.75 11.63	30.35 -1.58 0.53	8.44 0.17 -12.29	8.74 0.05 -9.93	12.67 -0.16 -6.77	17.79 -0.25 -3.04

LOCKPORT___CC1 323769	3.19 0.03 -10.29	4.58 0.02 -8.73	3.44 0.08 -9.78	2.94 0.09 -9.78	3.26 0.07 -9.87	2.73 0.01 -9.31	13.66 -0.21 -0.95	16.99 -0.57 8.61	7.65 -0.34 6.30	10.39 -0.12 -3.41	17.09 -0.46 5.31	24.81 -0.51 0.17	19.10 -0.52 4.92	24.14 -0.49 3.09	20.84 -0.51 -1.98	13.07 -0.58 6.10	16.26 -0.99 10.92	13.70 0.29 -22.74	44.11 -2.85 12.21	30.17 -1.64 0.65	8.51 0.18 -12.35	8.78 0.05 -9.97	12.70 -0.16 -6.80	17.79 -0.26 -3.06
LOCKPORT___CC2 323770	3.19 0.03 -10.29	4.58 0.02 -8.73	3.44 0.08 -9.78	2.94 0.09 -9.78	3.26 0.07 -9.87	2.73 0.01 -9.31	13.66 -0.21 -0.95	16.99 -0.57 8.61	7.65 -0.34 6.30	10.39 -0.12 -3.41	17.09 -0.46 5.31	24.81 -0.51 0.17	19.10 -0.52 4.92	24.14 -0.49 3.09	20.84 -0.51 -1.98	13.07 -0.58 6.10	16.26 -0.99 10.92	13.70 0.29 -22.74	44.11 -2.85 12.21	30.17 -1.64 0.65	8.51 0.18 -12.35	8.78 0.05 -9.97	12.70 -0.16 -6.80	17.79 -0.26 -3.06
LOCKPORT___CC3 323771	3.19 0.03 -10.29	4.58 0.02 -8.73	3.44 0.08 -9.78	2.94 0.09 -9.78	3.26 0.07 -9.87	2.73 0.01 -9.31	13.66 -0.21 -0.95	16.99 -0.57 8.61	7.65 -0.34 6.30	10.39 -0.12 -3.41	17.09 -0.46 5.31	24.81 -0.51 0.17	19.10 -0.52 4.92	24.14 -0.49 3.09	20.84 -0.51 -1.98	13.07 -0.58 6.10	16.26 -0.99 10.92	13.70 0.29 -22.74	44.11 -2.85 12.21	30.17 -1.64 0.65	8.51 0.18 -12.35	8.78 0.05 -9.97	12.70 -0.16 -6.80	17.79 -0.26 -3.06
LONG_LAKE_PHOENIX 24014	0.09 0.05 -7.17	1.95 0.04 -6.08	0.45 0.07 -6.81	-0.05 0.07 -6.81	0.25 0.07 -6.87	-0.05 0.06 -6.48	15.63 -0.12 -2.83	28.97 -0.21 -3.01	18.11 -0.10 -3.92	11.52 -0.05 -4.47	25.88 -0.16 -3.18	25.73 -0.18 -0.41	25.19 -0.16 -0.81	28.88 -0.17 -1.34	21.79 -0.15 -2.57	22.62 -0.14 -3.01	29.51 -0.20 -1.54	8.59 0.06 -17.85	58.79 -0.59 -0.22	33.62 -0.36 -1.53	4.61 0.04 -8.59	5.71 0.01 -6.94	10.72 -0.07 -4.73	16.95 -0.18 -2.13
LOVETT___3 23632	31.34 -0.31 -38.78	28.57 -0.17 -32.90	30.17 -0.25 -36.85	29.64 -0.26 -36.83	30.25 -0.26 -37.19	28.19 -0.28 -35.06	27.38 0.58 -13.87	37.33 1.16 -10.00	31.67 0.62 -16.75	28.13 0.34 -20.69	33.32 1.16 -9.29	29.16 1.26 -2.39	28.31 1.25 -2.52	36.84 1.40 -7.72	35.54 0.98 -15.19	38.16 0.98 -17.44	38.20 1.43 -8.60	91.62 -0.48 -101.42	62.67 2.85 -0.65	43.00 1.57 -8.98	46.75 -0.20 -50.98	39.86 -0.07 -41.17	34.41 0.29 -28.06	28.29 0.68 -12.61
LOVETT___4 23642	31.34 -0.31 -38.78	28.57 -0.17 -32.90	30.17 -0.25 -36.85	29.64 -0.26 -36.83	30.25 -0.26 -37.19	28.19 -0.28 -35.06	27.38 0.58 -13.87	37.33 1.16 -10.00	31.67 0.62 -16.75	28.13 0.34 -20.69	33.32 1.16 -9.29	29.16 1.26 -2.39	28.31 1.25 -2.52	36.84 1.40 -7.72	35.54 0.98 -15.19	38.16 0.98 -17.44	38.20 1.43 -8.60	91.62 -0.48 -101.42	62.67 2.85 -0.65	43.00 1.57 -8.98	46.75 -0.20 -50.98	39.86 -0.07 -41.17	34.41 0.29 -28.06	28.29 0.68 -12.61
LOVETT___5 23593	31.34 -0.31 -38.78	28.57 -0.17 -32.90	30.17 -0.25 -36.85	29.64 -0.26 -36.83	30.25 -0.26 -37.19	28.19 -0.28 -35.06	27.38 0.58 -13.87	37.33 1.16 -10.00	31.67 0.62 -16.75	28.13 0.34 -20.69	33.32 1.16 -9.29	29.16 1.26 -2.39	28.31 1.25 -2.52	36.84 1.40 -7.72	35.54 0.98 -15.19	38.16 0.98 -17.44	38.20 1.43 -8.60	91.62 -0.48 -101.42	62.67 2.85 -0.65	43.00 1.57 -8.98	46.75 -0.20 -50.98	39.86 -0.07 -41.17	34.41 0.29 -28.06	28.29 0.68 -12.61
LOWER_RAQUET___HYD 24057	-4.28 0.64 -2.22	-1.95 0.34 -1.88	-3.82 0.51 -2.11	-4.34 0.48 -2.11	-4.08 0.49 -2.13	-4.04 0.54 -2.00	11.77 -1.08 0.07	20.39 -2.10 3.68	10.40 -1.23 2.66	36.61 -0.70 -30.20	66.97 -2.32 -46.43	22.97 -2.66 -0.13	32.13 -2.73 -10.32	25.00 -3.13 -0.41	18.10 -2.06 -0.79	18.31 -2.37 -0.93	25.41 -3.23 -0.47	19.17 1.16 -27.33	55.56 -4.23 -0.63	30.94 -1.99 -0.47	-1.12 0.25 -2.65	0.99 0.09 -2.14	7.30 -0.22 -1.46	15.15 -0.50 -0.65
LOWER___HUDSON 24059	41.39 -0.23 -48.75	37.06 -0.14 -41.37	39.67 -0.22 -46.32	39.13 -0.24 -46.30	39.84 -0.23 -46.76	37.27 -0.21 -44.07	31.19 0.48 -17.79	41.61 1.00 -14.44	37.85 0.55 -23.01	34.41 0.26 -27.05	36.22 0.82 -12.54	29.59 0.92 -3.16	29.01 0.87 -3.59	39.04 0.98 -10.34	39.95 0.68 -19.90	43.74 0.69 -23.31	41.03 0.94 -11.92	122.71 -0.33 -132.37	62.71 2.02 -1.53	45.42 1.10 -11.87	62.32 -0.14 -66.48	52.41 -0.04 -53.69	42.85 0.19 -36.59	31.93 0.49 -16.45
LOWVILLE_115KV_TB2 356335	-3.36 0.33 -3.43	-1.12 0.13 -2.92	-3.00 0.17 -3.27	-3.46 0.20 -3.26	-3.13 0.26 -3.30	-3.19 0.29 -3.11	13.28 -0.67 -1.03	24.80 -1.24 0.13	14.34 -0.51 -0.55	16.44 -0.38 -9.71	35.07 -1.25 -13.46	24.40 -1.29 -0.20	26.45 -1.12 -3.03	26.95 -1.41 -0.64	19.77 -0.83 -1.23	20.41 -0.78 -1.44	28.09 -0.81 -0.74	5.32 0.36 -14.29	59.45 0.03 -0.25	32.81 -0.38 -0.73	0.23 0.14 -4.12	2.15 0.07 -3.33	8.15 -0.18 -2.27	15.60 -0.42 -1.02
LUTHERFT_115KV_GLOB_FND_222 355753	42.08 -0.36 -49.57	37.68 -0.22 -42.06	40.34 -0.33 -47.10	39.80 -0.35 -47.08	40.51 -0.34 -47.54	37.89 -0.34 -44.81	31.77 0.76 -18.09	42.46 1.58 -14.72	38.58 0.86 -23.42	35.01 0.41 -27.50	36.86 1.25 -12.74	30.08 1.36 -3.21	29.46 1.26 -3.65	39.62 1.39 -10.51	40.53 0.93 -20.24	44.38 0.94 -23.69	41.64 1.35 -12.12	124.79 -0.46 -134.58	63.57 2.86 -1.55	46.05 1.54 -12.06	63.38 -0.19 -67.59	53.28 -0.06 -54.58	43.52 0.25 -37.20	32.33 0.60 -16.72
LUTHERNY_35_KV_BK2 355980	42.07 -0.36 -49.57	37.68 -0.22 -42.06	40.34 -0.33 -47.10	39.80 -0.35 -47.08	40.51 -0.35 -47.54	37.89 -0.34 -44.81	31.77 0.76 -18.09	42.46 1.58 -14.72	38.60 0.88 -23.42	35.02 0.42 -27.50	36.88 1.28 -12.74	30.11 1.39 -3.21	29.48 1.28 -3.65	39.64 1.40 -10.51	40.54 0.94 -20.24	44.40 0.95 -23.69	41.67 1.38 -12.12	124.78 -0.47 -134.58	63.65 2.94 -1.55	46.07 1.55 -12.06	63.37 -0.19 -67.59	53.28 -0.06 -54.58	43.53 0.26 -37.20	32.34 0.61 -16.72
LWR___OSWEGATCHIE_HYD 23850	-3.61 0.54 -2.98	-1.37 0.27 -2.53	-3.20 0.40 -2.83	-3.70 0.40 -2.83	-3.40 0.43 -2.86	-3.42 0.47 -2.69	12.47 -0.97 -0.51	22.11 -2.09 1.96	12.11 -1.11 1.07	27.63 -0.59 -21.12	52.59 -1.96 -31.69	23.49 -2.18 -0.17	29.47 -2.13 -7.06	25.79 -2.48 -0.56	18.82 -1.61 -1.07	19.25 -1.74 -1.25	26.56 -2.25 -0.64	13.46 0.80 -22.00	57.09 -2.54 -0.47	31.65 -1.44 -0.64	-0.23 0.22 -3.57	1.73 0.09 -2.88	7.78 -0.25 -1.96	15.30 -0.58 -0.88
LYONS_FALL_HYD 23570	-3.80 0.16 -3.17	-1.42 0.06 -2.69	-3.35 0.07 -3.01	-3.84 0.08 -3.01	-3.53 0.12 -3.04	-3.58 0.14 -2.87	13.60 -0.32 -1.00	25.79 -0.48 -0.10	14.83 -0.16 -0.69	13.61 -0.18 -6.69	31.10 -0.61 -8.85	25.05 -0.64 -0.18	26.06 -0.50 -2.01	27.67 -0.64 -0.59	20.14 -0.36 -1.14	20.76 -0.31 -1.33	28.61 -0.24 -0.68	2.28 0.14 -11.47	60.02 0.66 -0.19	33.23 0.10 -0.68	-0.18 0.05 -3.80	1.86 0.03 -3.07	8.09 -0.07 -2.09	15.80 -0.14 -0.94
MADISON___COUNTY_LFGE 323628	-2.46 -0.13 -4.81	-0.17 -0.08 -4.08	-1.99 -0.13 -4.57	-2.50 -0.14 -4.56	-2.21 -0.13 -4.61	-2.38 -0.14 -4.34	14.97 0.29 -1.76	28.14 0.63 -1.34	16.73 0.38 -2.06	10.95 0.14 -3.71	26.60 0.49 -3.25	26.29 0.51 -0.27	25.95 0.61 -0.79	29.34 0.72 -0.90	21.56 0.46 -1.73	22.28 0.51 -2.02	30.02 0.82 -1.04	2.94 -0.27 -12.53	61.27 1.95 -0.16	34.47 0.99 -1.03	1.65 -0.10 -5.77	3.39 -0.03 -4.66	9.38 0.14 -3.18	16.75 0.32 -1.43

MALONE___115KV_TB1 356076	-4.62 0.69 -1.82	-2.24 0.39 -1.54	-4.13 0.58 -1.73	-4.72 0.48 -1.73	-4.50 0.44 -1.74	-4.48 0.46 -1.65	11.68 -0.90 0.34	19.36 -2.44 4.37	9.47 -1.51 3.31	63.11 -0.71 -56.72	108.90 -2.42 -88.45	22.82 -2.79 -0.10	41.38 -2.79 -19.62	24.91 -3.15 -0.34	17.94 -2.08 -0.65	18.12 -2.39 -0.76	25.48 -3.08 -0.39	38.30 1.02 -46.60	56.50 -3.80 -1.14	31.36 -1.48 -0.39	-1.65 0.20 -2.18	0.58 0.06 -1.76	7.09 -0.18 -1.20	15.08 -0.46 -0.54
MAPLEWOD_115KV_TB3 80458	41.23 -0.17 -48.53	36.91 -0.10 -41.18	39.52 -0.17 -46.12	38.98 -0.18 -46.09	39.69 -0.17 -46.55	37.13 -0.15 -43.87	31.02 0.39 -17.71	41.34 0.76 -14.40	37.65 0.41 -22.94	34.27 0.22 -26.95	36.04 0.69 -12.49	29.44 0.80 -3.15	28.86 0.74 -3.58	38.83 0.80 -10.30	39.79 0.59 -19.83	43.58 0.61 -23.22	40.90 0.85 -11.88	122.29 -0.30 -131.91	62.42 1.74 -1.52	45.27 1.00 -11.82	62.11 -0.12 -66.25	52.23 -0.04 -53.50	42.70 0.17 -36.46	31.83 0.43 -16.39
MAPLE_RIDGE_WT_1 323574	-5.68 0.42 -1.03	-3.07 0.22 -0.88	-5.17 0.28 -0.98	-5.65 0.29 -0.98	-5.39 0.30 -0.99	-5.29 0.37 -0.93	12.01 -0.78 0.13	22.53 -1.46 2.18	11.85 -0.81 1.63	2.42 -0.47 4.21	14.06 -1.62 7.18	23.88 -1.68 -0.06	21.21 -1.76 1.58	25.92 -1.99 -0.19	18.49 -1.25 -0.37	18.94 -1.24 -0.43	26.64 -1.75 -0.22	-9.73 0.71 1.11	56.61 -2.49 0.06	31.48 -1.19 -0.22	-2.61 0.19 -1.23	-0.17 0.08 -0.99	6.52 -0.23 -0.68	14.85 -0.45 -0.30
MAPLE_RIDGE_WT_2 323611	-5.68 0.42 -1.03	-3.07 0.22 -0.88	-5.17 0.28 -0.98	-5.65 0.29 -0.98	-5.39 0.30 -0.99	-5.29 0.37 -0.93	12.01 -0.78 0.13	22.53 -1.46 2.18	11.85 -0.81 1.63	2.42 -0.47 4.21	14.06 -1.62 7.18	23.88 -1.68 -0.06	21.21 -1.76 1.58	25.92 -1.99 -0.19	18.49 -1.25 -0.37	18.94 -1.24 -0.43	26.64 -1.75 -0.22	-9.73 0.71 1.11	56.61 -2.49 0.06	31.48 -1.19 -0.22	-2.61 0.19 -1.23	-0.17 0.08 -0.99	6.52 -0.23 -0.68	14.85 -0.45 -0.30
MARBLE_RIVER_WT_PWR 323696	-4.67 0.84 -1.63	-2.31 0.48 -1.38	-4.18 0.70 -1.55	-4.80 0.58 -1.55	-4.61 0.51 -1.56	-4.59 0.52 -1.47	11.42 -1.04 0.46	19.17 -2.32 4.68	9.17 -1.51 3.61	-7.70 -0.83 13.97	-2.89 -2.85 22.90	22.26 -3.33 -0.09	16.28 -3.22 5.05	24.36 -3.67 -0.30	17.52 -2.44 -0.58	17.67 -2.76 -0.68	24.96 -3.56 -0.35	-15.36 1.27 7.29	54.03 -4.89 0.24	30.87 -1.93 -0.35	-1.81 0.26 -1.95	0.41 0.07 -1.57	6.87 -0.27 -1.07	14.77 -0.72 -0.48
MARSHVLE_115KV_TB1 80742	53.03 -0.34 -60.50	46.96 -0.20 -51.34	50.72 -0.33 -57.49	50.18 -0.35 -57.46	51.00 -0.34 -58.03	47.77 -0.33 -54.69	35.77 0.70 -22.15	45.77 1.45 -18.15	43.56 0.78 -28.48	40.51 0.35 -33.06	39.07 1.15 -15.05	30.27 0.93 -3.84	29.46 0.74 -4.18	41.31 1.13 -12.47	44.61 0.93 -24.31	48.94 1.05 -28.14	43.82 1.57 -14.08	152.25 -0.51 -162.08	64.35 3.81 -1.37	48.82 1.94 -14.42	77.20 -0.22 -81.44	64.48 -0.05 -65.77	51.18 0.29 -44.82	35.86 0.71 -20.15
MARSH_HILL_WT_PWR 323713	5.72 0.23 -12.62	6.72 0.18 -10.71	5.80 0.24 -11.99	5.35 0.30 -11.99	5.69 0.27 -12.10	5.13 0.31 -11.41	16.12 -0.60 -3.79	25.54 -0.72 -0.09	15.91 -0.43 -2.04	12.26 -0.29 -5.44	21.14 -1.30 0.42	24.30 -1.60 -0.39	21.69 -1.27 1.58	27.07 -0.85 -0.21	22.41 -0.76 -3.80	19.61 -0.97 -0.84	23.63 -1.62 2.92	20.68 0.60 -29.41	50.36 -3.79 5.01	31.89 -2.05 -1.48	11.40 0.25 -15.17	11.07 0.06 -12.25	14.07 -0.35 -8.35	17.90 -0.85 -3.75
MCINTYRE_115KV_TB2 80467	-4.50 0.54 -2.09	-2.11 0.29 -1.78	-4.02 0.43 -1.99	-4.55 0.40 -1.99	-4.29 0.39 -2.00	-4.26 0.44 -1.89	11.95 -0.80 0.18	20.17 -2.02 3.98	10.16 -1.20 2.94	36.45 -0.57 -29.91	66.94 -1.97 -46.04	23.29 -2.33 -0.12	32.32 -2.46 -10.23	25.37 -2.74 -0.39	18.34 -1.78 -0.75	18.61 -2.01 -0.87	25.91 -2.71 -0.45	18.44 0.91 -26.85	56.77 -3.01 -0.62	31.61 -1.29 -0.45	-1.37 0.15 -2.50	0.84 0.06 -2.02	7.35 -0.09 -1.38	15.41 -0.21 -0.62
MECO___69_KV_BK1 80468	49.96 -0.48 -57.57	44.41 -0.28 -48.85	47.86 -0.42 -54.71	47.29 -0.46 -54.68	48.08 -0.45 -55.22	45.00 -0.46 -52.05	34.99 1.00 -21.06	45.83 2.41 -17.25	42.72 1.28 -27.14	39.26 0.59 -31.57	38.72 1.48 -14.38	29.83 0.66 -3.67	29.14 0.60 -3.99	41.37 1.75 -11.91	44.08 1.50 -23.21	48.32 1.70 -26.87	44.22 2.60 -13.46	144.57 -0.84 -154.73	66.10 5.62 -1.32	49.16 2.93 -13.77	73.37 -0.35 -77.75	61.45 -0.10 -62.79	49.35 0.49 -42.79	35.36 1.12 -19.24
MENANDS__115KV_TB5 355628	41.19 -0.12 -48.44	36.86 -0.07 -41.11	39.47 -0.13 -46.03	38.94 -0.14 -46.01	39.64 -0.13 -46.46	37.09 -0.11 -43.79	30.91 0.31 -17.67	41.13 0.58 -14.38	37.50 0.31 -22.90	34.18 0.17 -26.91	35.88 0.55 -12.47	29.32 0.68 -3.14	28.75 0.64 -3.57	38.65 0.65 -10.29	39.65 0.48 -19.80	43.40 0.47 -23.18	40.68 0.66 -11.86	122.13 -0.23 -131.69	62.00 1.32 -1.52	45.03 0.77 -11.80	62.02 -0.09 -66.14	52.14 -0.03 -53.41	42.60 0.13 -36.40	31.71 0.35 -16.36
MG INDUSTRY___DRP 24185	40.76 -0.14 -48.03	36.50 -0.08 -40.75	39.08 -0.13 -45.64	38.54 -0.14 -45.61	39.24 -0.14 -46.06	36.71 -0.12 -43.42	30.75 0.29 -17.53	41.05 0.56 -14.32	37.39 0.30 -22.80	34.02 0.16 -26.76	35.79 0.53 -12.40	29.26 0.63 -3.13	28.70 0.60 -3.55	38.57 0.63 -10.23	39.51 0.46 -19.69	43.33 0.53 -23.05	40.61 0.81 -11.64	119.63 -0.26 -129.22	62.27 1.62 -1.49	44.97 0.93 -11.58	60.77 -0.11 -64.90	51.14 -0.03 -52.41	41.95 0.16 -35.72	31.48 0.42 -16.06
MID___OSWEGATCHIE_HYD 23849	-3.61 0.54 -2.98	-1.37 0.27 -2.53	-3.20 0.40 -2.83	-3.70 0.40 -2.83	-3.40 0.43 -2.86	-3.42 0.47 -2.69	12.47 -0.97 -0.51	22.11 -2.09 1.96	12.11 -1.11 1.07	27.63 -0.59 -21.12	52.59 -1.96 -31.69	23.49 -2.18 -0.17	29.47 -2.13 -7.06	25.79 -2.48 -0.56	18.82 -1.61 -1.07	19.25 -1.74 -1.25	26.56 -2.25 -0.64	13.46 0.80 -22.00	57.09 -2.54 -0.47	31.65 -1.44 -0.64	-0.23 0.22 -3.57	1.73 0.09 -2.88	7.78 -0.25 -1.96	15.30 -0.58 -0.88
MID___RAQUETTE_HYD 23851	-4.28 0.64 -2.22	-1.95 0.34 -1.88	-3.82 0.51 -2.11	-4.34 0.48 -2.11	-4.08 0.49 -2.13	-4.04 0.54 -2.00	11.77 -1.08 0.07	19.92 -2.57 3.68	10.16 -1.48 2.66	36.61 -0.69 -30.20	66.96 -2.33 -46.43	22.97 -2.66 -0.13	32.13 -2.74 -10.32	25.02 -3.11 -0.41	18.11 -2.05 -0.79	18.31 -2.36 -0.93	25.41 -3.23 -0.47	19.10 1.10 -27.33	55.56 -4.23 -0.63	30.94 -1.99 -0.47	-1.12 0.25 -2.65	0.99 0.09 -2.14	7.30 -0.22 -1.46	15.15 -0.50 -0.65
MILLIKEN___1 23584	4.85 -0.18 -12.17	6.06 -0.10 -10.32	4.99 -0.14 -11.56	4.48 -0.15 -11.55	4.82 -0.16 -11.67	4.23 -0.18 -11.00	17.67 0.37 -4.38	30.32 0.82 -3.33	19.78 0.46 -5.02	13.06 0.20 -5.75	25.51 0.71 -1.94	26.92 0.80 -0.62	25.57 0.84 -0.18	30.46 1.00 -1.74	24.22 0.63 -4.23	24.43 0.67 -4.02	30.35 0.98 -1.20	19.49 -0.33 -29.15	60.14 2.01 1.03	35.79 1.01 -2.32	10.60 -0.12 -14.74	10.63 -0.04 -11.90	14.34 0.16 -8.11	19.04 0.39 -3.65
MILLIKEN___2 23585	4.85 -0.18 -12.17	6.06 -0.10 -10.32	4.99 -0.14 -11.56	4.48 -0.15 -11.55	4.82 -0.16 -11.67	4.23 -0.18 -11.00	17.67 0.37 -4.38	30.32 0.82 -3.33	19.78 0.46 -5.02	13.06 0.20 -5.75	25.51 0.71 -1.94	26.92 0.80 -0.62	25.57 0.84 -0.18	30.46 1.00 -1.74	24.22 0.63 -4.23	24.43 0.67 -4.02	30.35 0.98 -1.20	19.49 -0.33 -29.15	60.14 2.01 1.03	35.79 1.01 -2.32	10.60 -0.12 -14.74	10.63 -0.04 -11.90	14.34 0.16 -8.11	19.04 0.39 -3.65

MILLIKEN___DIESEL 23629	4.85 -0.18 -12.17	6.06 -0.10 -10.32	4.99 -0.14 -11.56	4.48 -0.15 -11.55	4.82 -0.16 -11.67	4.23 -0.18 -11.00	17.67 0.37 -4.38	30.32 0.82 -3.33	19.78 0.46 -5.02	13.06 0.20 -5.75	25.51 0.71 -1.94	26.92 0.80 -0.62	25.57 0.84 -0.18	30.46 1.00 -1.74	24.22 0.63 -4.23	24.43 0.67 -4.02	30.35 0.98 -1.20	19.49 -0.33 -29.15	60.14 2.01 1.03	35.79 1.01 -2.32	10.60 -0.12 -14.74	10.63 -0.04 -11.90	14.34 0.16 -8.11	19.04 0.39 -3.65
MILLSEAT___LFGE 323607	2.83 -0.10 -10.06	4.31 -0.05 -8.54	3.09 -0.03 -9.56	2.59 -0.04 -9.55	2.90 -0.06 -9.65	2.39 -0.11 -9.09	14.74 0.11 -1.71	21.25 0.16 5.08	11.23 0.06 3.12	10.86 0.07 -3.69	19.52 0.16 3.50	25.60 0.10 0.00	21.07 0.10 3.57	26.08 0.27 1.91	21.70 0.02 -2.31	16.10 -0.01 3.65	20.29 -0.12 7.76	13.31 0.01 -22.63	48.96 -1.05 9.16	31.78 -0.68 0.00	8.11 0.07 -12.07	8.53 0.02 -9.75	12.69 -0.02 -6.64	18.04 0.05 -2.99
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	32.33 -0.31 -39.78	29.41 -0.17 -33.75	31.11 -0.25 -37.79	30.58 -0.27 -37.77	31.20 -0.26 -38.15	29.09 -0.28 -35.96	27.80 0.61 -14.27	37.85 1.22 -10.46	32.32 0.65 -17.37	28.75 0.36 -21.29	33.66 1.23 -9.58	29.30 1.34 -2.46	28.47 1.32 -2.61	37.15 1.48 -7.95	36.04 1.04 -15.63	38.74 1.02 -17.97	38.55 1.51 -8.87	94.55 -0.50 -104.37	62.86 3.00 -0.70	43.36 1.66 -9.25	48.22 -0.21 -52.45	41.05 -0.07 -42.36	35.24 0.30 -28.87	28.68 0.70 -12.98
MILLWOOD_13_KV_LOAD 356217	32.31 -0.33 -39.78	29.40 -0.18 -33.75	31.10 -0.26 -37.79	30.56 -0.28 -37.77	31.19 -0.27 -38.15	29.08 -0.29 -35.96	27.84 0.64 -14.27	37.91 1.29 -10.46	32.36 0.69 -17.37	28.77 0.38 -21.29	33.73 1.29 -9.58	29.37 1.41 -2.46	28.54 1.39 -2.61	37.23 1.55 -7.95	36.10 1.09 -15.63	38.80 1.08 -17.97	38.64 1.60 -8.87	94.52 -0.53 -104.37	63.05 3.19 -0.70	43.46 1.75 -9.25	48.21 -0.22 -52.45	41.05 -0.07 -42.36	35.25 0.32 -28.87	28.71 0.74 -12.98
MODEL_CITY_ENERGY 24167	3.32 0.11 -10.35	4.67 0.06 -8.78	3.54 0.13 -9.83	3.05 0.14 -9.83	3.37 0.13 -9.93	2.84 0.07 -9.36	13.32 -0.33 -0.73	15.72 -0.82 9.63	6.58 -0.48 7.24	10.22 -0.19 -3.31	16.24 -0.68 5.94	24.51 -0.76 0.24	18.39 -0.77 5.39	23.45 -0.77 3.50	20.52 -0.70 -1.85	12.02 -0.78 6.94	14.89 -1.28 12.00	13.77 0.38 -22.71	42.42 -3.50 13.24	29.59 -1.99 0.87	8.61 0.22 -12.42	8.85 0.07 -10.03	12.67 -0.23 -6.83	17.66 -0.41 -3.07
MODERN_LFGE___ 323580	3.32 0.11 -10.35	4.67 0.06 -8.78	3.54 0.13 -9.83	3.05 0.14 -9.83	3.37 0.13 -9.93	2.84 0.07 -9.36	13.32 -0.33 -0.73	15.72 -0.82 9.63	6.58 -0.48 7.24	10.22 -0.19 -3.31	16.24 -0.68 5.94	24.51 -0.76 0.24	18.39 -0.77 5.39	23.45 -0.77 3.50	20.52 -0.70 -1.85	12.02 -0.78 6.94	14.89 -1.28 12.00	13.77 0.38 -22.71	42.42 -3.50 13.24	29.59 -1.99 0.87	8.61 0.22 -12.42	8.85 0.07 -10.03	12.67 -0.23 -6.83	17.66 -0.41 -3.07
MOHAWK_PAPER___DRP 24187	41.23 -0.17 -48.53	36.91 -0.10 -41.18	39.52 -0.17 -46.12	38.98 -0.18 -46.09	39.69 -0.17 -46.55	37.13 -0.15 -43.87	31.02 0.39 -17.71	41.34 0.76 -14.40	37.65 0.41 -22.94	34.27 0.22 -26.95	36.04 0.69 -12.49	29.44 0.80 -3.15	28.86 0.74 -3.58	38.83 0.80 -10.30	39.79 0.59 -19.83	43.58 0.61 -23.22	40.90 0.85 -11.88	122.29 -0.30 -131.91	62.42 1.74 -1.52	45.27 1.00 -11.82	62.11 -0.12 -66.25	52.23 -0.04 -53.50	42.70 0.17 -36.46	31.83 0.43 -16.39
MOHICAN__35_KV_115KV_LD 80490	42.05 -0.43 -49.61	37.66 -0.27 -42.10	40.31 -0.41 -47.14	39.77 -0.42 -47.12	40.48 -0.42 -47.59	37.84 -0.42 -44.85	32.00 0.99 -18.09	42.90 2.10 -14.63	38.82 1.17 -23.36	35.14 0.52 -27.52	37.19 1.58 -12.76	30.46 1.75 -3.22	29.82 1.62 -3.65	39.87 1.63 -10.52	40.59 0.97 -20.25	44.37 0.91 -23.72	41.63 1.33 -12.13	124.92 -0.45 -134.69	63.54 2.83 -1.55	46.02 1.49 -12.07	63.46 -0.17 -67.65	53.34 -0.05 -54.63	43.51 0.21 -37.23	32.23 0.49 -16.74
MONGAUP___HYD 23641	29.46 -0.34 -36.93	26.98 -0.18 -31.33	28.37 -0.29 -35.09	27.85 -0.29 -35.07	28.42 -0.31 -35.42	26.49 -0.31 -33.38	26.78 0.63 -13.23	36.87 1.12 -9.58	30.80 0.56 -15.95	26.88 0.20 -19.58	32.26 0.64 -8.76	28.55 0.80 -2.26	27.48 0.57 -2.36	35.66 0.65 -7.28	34.29 0.56 -14.37	36.90 0.69 -16.46	37.58 1.33 -8.09	86.18 -0.45 -95.96	63.11 3.38 -0.57	42.74 1.80 -8.49	43.99 -0.22 -48.24	37.64 -0.07 -38.95	32.93 0.31 -26.55	27.66 0.72 -11.93
MONTAUK___DIESEL 23721	32.09 -0.76 -39.98	29.35 -0.41 -33.93	30.99 -0.58 -37.99	30.43 -0.61 -37.97	31.06 -0.60 -38.35	28.86 -0.70 -36.14	28.90 1.61 -14.36	39.83 3.06 -10.60	33.39 1.55 -17.55	29.27 0.75 -21.42	35.09 2.59 -9.64	30.25 3.05 -1.70	31.89 3.07 -4.28	39.13 3.35 -8.07	37.37 2.27 -15.73	40.34 2.51 -18.08	41.08 3.79 -9.12	94.45 -1.21 -104.98	68.28 7.84 -1.28	46.06 4.30 -9.30	48.22 -0.53 -52.76	41.22 -0.15 -42.61	35.90 0.79 -29.04	29.87 1.82 -13.06
MOONROAD_115KV_HARTFLD_TB1-2 355988	4.07 0.02 -11.18	5.41 0.08 -9.49	4.31 0.11 -10.63	3.83 0.13 -10.62	4.17 0.12 -10.73	3.54 0.02 -10.11	14.68 -0.17 -1.92	20.89 -0.22 5.06	10.92 -0.11 3.27	10.73 -0.06 -3.68	17.11 0.13 5.88	25.32 0.02 0.20	19.05 -0.06 5.43	24.21 -0.07 3.44	21.21 -0.28 -2.12	12.52 -0.45 6.78	15.35 -0.75 12.06	15.61 0.26 -24.67	44.11 -1.61 13.45	30.62 -1.09 0.75	9.50 0.11 -13.42	9.62 0.03 -10.83	13.38 -0.07 -7.38	18.53 0.21 -3.32
MORTIMER_115KV_TB3 55949	2.05 -0.10 -9.28	3.66 -0.05 -7.88	2.36 -0.03 -8.82	1.85 -0.04 -8.81	2.17 -0.05 -8.90	1.71 -0.09 -8.39	17.16 0.09 -4.14	32.82 0.31 -6.33	21.69 0.19 -7.20	11.76 0.06 -4.60	25.65 0.19 -2.60	26.23 0.15 -0.58	25.61 0.10 -0.96	30.02 0.24 -2.06	22.85 0.04 -3.45	24.34 0.01 -4.58	30.94 -0.08 -2.85	12.98 0.01 -22.29	59.24 -0.99 -1.07	34.01 -0.61 -2.17	7.18 0.07 -11.14	7.77 0.02 -8.99	12.14 -0.05 -6.13	17.70 -0.06 -2.75
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	32.52 -0.33 -39.98	29.58 -0.18 -33.92	31.30 -0.26 -37.99	30.76 -0.28 -37.97	31.39 -0.27 -38.34	29.26 -0.29 -36.14	27.92 0.65 -14.34	38.02 1.32 -10.53	32.49 0.71 -17.49	28.91 0.39 -21.42	33.84 1.34 -9.64	29.45 1.47 -2.48	28.62 1.46 -2.62	37.35 1.63 -8.00	36.23 1.14 -15.73	38.94 1.12 -18.07	38.73 1.63 -8.93	95.11 -0.54 -104.97	63.09 3.22 -0.71	43.53 1.77 -9.30	48.51 -0.22 -52.76	41.29 -0.08 -42.61	35.43 0.32 -29.04	28.80 0.74 -13.05
MUNSVILLE_WIND_PWR 323609	8.80 -0.49 -16.42	9.51 -0.25 -13.93	8.81 -0.37 -15.60	8.29 -0.37 -15.59	8.60 -0.46 -15.75	7.73 -0.53 -14.84	19.86 1.03 -5.91	31.74 1.73 -3.84	21.28 0.82 -6.17	15.45 0.44 -7.90	27.16 1.63 -2.67	28.17 1.80 -0.87	27.00 2.25 -0.20	32.67 2.54 -2.42	26.94 1.60 -5.97	26.88 1.54 -5.59	32.15 2.42 -1.56	30.98 -0.99 -41.30	64.19 6.62 1.60	39.16 3.45 -3.26	16.49 -0.39 -20.90	15.52 -0.12 -16.88	17.99 0.43 -11.50	21.17 1.00 -5.17
N SALMON___HYD 24042	-4.62 0.69 -1.82	-2.24 0.39 -1.54	-4.13 0.58 -1.73	-4.72 0.48 -1.73	-4.50 0.44 -1.74	-4.48 0.46 -1.65	11.69 -0.90 0.34	19.86 -1.94 4.37	9.74 -1.25 3.31	63.11 -0.71 -56.72	108.89 -2.42 -88.45	22.81 -2.79 -0.10	41.39 -2.78 -19.62	24.89 -3.17 -0.34	17.93 -2.09 -0.65	18.12 -2.39 -0.76	25.48 -3.08 -0.39	38.38 1.11 -46.60	56.50 -3.81 -1.14	31.37 -1.48 -0.39	-1.65 0.20 -2.18	0.58 0.06 -1.76	7.09 -0.18 -1.20	15.08 -0.46 -0.54

N.AKRON__115KV_KNAPP 355671	2.94 -0.06 -10.14	4.39 -0.04 -8.60	3.19 -0.01 -9.63	2.69 -0.01 -9.62	3.01 -0.03 -9.72	2.49 -0.08 -9.16	14.43 0.04 -1.47	20.26 0.26 6.17	10.36 0.17 4.11	10.72 0.02 -3.60	18.83 0.04 4.08	25.39 -0.06 0.06	20.47 -0.07 4.01	25.51 0.08 2.29	21.45 -0.12 -2.21	15.14 -0.17 4.44	19.04 -0.35 8.77	13.42 0.09 -22.66	47.49 -1.54 10.14	31.32 -0.92 0.21	8.23 0.10 -12.16	8.61 0.03 -9.82	12.70 -0.06 -6.69	17.98 -0.03 -3.01
N.BELMOR_69_KV_BK1 55787	32.42 -0.43 -39.99	29.53 -0.23 -33.93	31.25 -0.32 -37.99	30.71 -0.34 -37.97	31.33 -0.33 -38.35	29.17 -0.39 -36.14	28.19 0.91 -14.35	38.42 1.68 -10.58	32.66 0.84 -17.52	28.97 0.45 -21.42	34.14 1.64 -9.64	32.74 2.01 -5.24	41.51 1.98 -14.99	38.19 2.10 -8.37	36.51 1.41 -15.73	39.31 1.48 -18.08	39.39 2.06 -9.17	95.02 -0.64 -104.98	64.78 4.17 -1.45	44.07 2.31 -9.30	48.45 -0.29 -52.76	41.28 -0.09 -42.61	35.57 0.46 -29.04	29.13 1.07 -13.05
N.E_GEN_SANDY PD 24062	37.14 -0.23 -44.51	33.46 -0.14 -37.77	35.65 -0.21 -42.29	35.11 -0.23 -42.27	35.78 -0.22 -42.69	34.59 -0.21 -41.39	29.48 0.46 -16.10	39.52 0.94 -12.42	35.32 0.51 -20.52	31.68 0.26 -24.32	34.78 0.88 -11.04	29.31 0.99 -2.82	28.52 0.93 -3.04	37.94 1.08 -9.15	38.01 0.75 -17.89	41.15 0.75 -20.65	40.37 1.06 -11.14	109.62 -0.37 -119.32	62.33 2.24 -0.94	44.29 1.23 -10.60	55.78 -0.16 -59.96	47.46 -0.05 -48.75	38.72 0.22 -32.44	30.37 0.54 -14.83
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	31.26 -0.32 -38.71	28.51 -0.17 -32.85	30.10 -0.26 -36.79	29.56 -0.28 -36.77	30.18 -0.27 -37.13	28.13 -0.28 -35.00	27.38 0.61 -13.85	37.36 1.21 -9.98	31.66 0.65 -16.72	28.11 0.35 -20.65	33.34 1.21 -9.28	29.20 1.31 -2.39	28.36 1.30 -2.52	36.88 1.46 -7.71	35.56 1.03 -15.16	38.17 1.02 -17.40	38.24 1.50 -8.58	91.41 -0.49 -101.24	62.80 2.99 -0.65	43.06 1.64 -8.96	46.65 -0.21 -50.88	39.78 -0.07 -41.09	34.38 0.30 -28.00	28.30 0.71 -12.59
N.QUEENS_27_KV_LOAD 356247	32.56 -0.28 -39.98	29.59 -0.16 -33.92	31.33 -0.23 -37.99	30.79 -0.25 -37.97	31.42 -0.24 -38.34	29.28 -0.27 -36.14	27.94 0.67 -14.34	37.98 1.27 -10.54	32.46 0.68 -17.49	28.90 0.38 -21.42	33.82 1.32 -9.64	29.44 1.46 -2.48	28.62 1.45 -2.62	37.23 1.51 -8.00	36.23 1.13 -15.72	38.84 1.02 -18.07	38.65 1.55 -8.93	95.14 -0.50 -104.97	62.91 3.04 -0.71	43.42 1.67 -9.30	48.51 -0.22 -52.75	41.29 -0.08 -42.60	35.41 0.31 -29.04	28.80 0.74 -13.05
N.TROY___115KV_TB1 355778	41.39 -0.23 -48.75	37.06 -0.14 -41.37	39.67 -0.22 -46.32	39.13 -0.24 -46.30	39.84 -0.23 -46.76	37.27 -0.21 -44.07	31.19 0.48 -17.79	41.61 1.00 -14.44	37.84 0.54 -23.01	34.41 0.26 -27.05	36.22 0.82 -12.54	29.58 0.92 -3.16	29.01 0.88 -3.59	39.03 0.97 -10.34	39.95 0.68 -19.90	43.74 0.69 -23.31	41.03 0.95 -11.92	122.71 -0.33 -132.37	62.71 2.02 -1.53	45.42 1.10 -11.87	62.32 -0.14 -66.48	52.41 -0.04 -53.69	42.85 0.19 -36.59	31.93 0.48 -16.45
NARROWS_GT1_1 24228	32.50 -0.35 -39.98	29.58 -0.17 -33.92	31.31 -0.25 -37.99	30.78 -0.26 -37.97	31.41 -0.25 -38.34	29.28 -0.27 -36.14	27.84 0.63 -14.29	37.78 1.34 -10.28	32.32 0.75 -17.27	28.91 0.40 -21.42	33.86 1.37 -9.64	29.44 1.46 -2.48	28.65 1.48 -2.62	37.39 1.66 -8.00	36.27 1.18 -15.72	38.95 1.13 -18.07	38.75 1.66 -8.93	95.11 -0.53 -104.97	63.10 3.23 -0.71	43.55 1.80 -9.30	48.50 -0.23 -52.75	41.29 -0.08 -42.60	35.44 0.34 -29.04	28.84 0.79 -13.05
NARROWS_GT1_2 24229	32.50 -0.35 -39.98	29.58 -0.17 -33.92	31.31 -0.25 -37.99	30.78 -0.26 -37.97	31.41 -0.25 -38.34	29.28 -0.27 -36.14	27.84 0.63 -14.29	37.78 1.34 -10.28	32.32 0.75 -17.27	28.91 0.40 -21.42	33.86 1.37 -9.64	29.44 1.46 -2.48	28.65 1.48 -2.62	37.39 1.66 -8.00	36.27 1.18 -15.72	38.95 1.13 -18.07	38.75 1.66 -8.93	95.11 -0.53 -104.97	63.10 3.23 -0.71	43.55 1.80 -9.30	48.50 -0.23 -52.75	41.29 -0.08 -42.60	35.44 0.34 -29.04	28.84 0.79 -13.05
NARROWS_GT1_3 24230	32.50 -0.35 -39.98	29.58 -0.17 -33.92	31.31 -0.25 -37.99	30.78 -0.26 -37.97	31.41 -0.25 -38.34	29.28 -0.27 -36.14	27.84 0.63 -14.29	37.78 1.34 -10.28	32.32 0.75 -17.27	28.91 0.40 -21.42	33.86 1.37 -9.64	29.44 1.46 -2.48	28.65 1.48 -2.62	37.39 1.66 -8.00	36.27 1.18 -15.72	38.95 1.13 -18.07	38.75 1.66 -8.93	95.11 -0.53 -104.97	63.10 3.23 -0.71	43.55 1.80 -9.30	48.50 -0.23 -52.75	41.29 -0.08 -42.60	35.44 0.34 -29.04	28.84 0.79 -13.05
NARROWS_GT1_4 24231	32.50 -0.35 -39.98	29.58 -0.17 -33.92	31.31 -0.25 -37.99	30.78 -0.26 -37.97	31.41 -0.25 -38.34	29.28 -0.27 -36.14	27.84 0.63 -14.29	37.78 1.34 -10.28	32.32 0.75 -17.27	28.91 0.40 -21.42	33.86 1.37 -9.64	29.44 1.46 -2.48	28.65 1.48 -2.62	37.39 1.66 -8.00	36.27 1.18 -15.72	38.95 1.13 -18.07	38.75 1.66 -8.93	95.11 -0.53 -104.97	63.10 3.23 -0.71	43.55 1.80 -9.30	48.50 -0.23 -52.75	41.29 -0.08 -42.60	35.44 0.34 -29.04	28.84 0.79 -13.05
NARROWS_GT1_5 24232	32.50 -0.35 -39.98	29.58 -0.17 -33.92	31.31 -0.25 -37.99	30.78 -0.26 -37.97	31.41 -0.25 -38.34	29.28 -0.27 -36.14	27.84 0.63 -14.29	37.78 1.34 -10.28	32.32 0.75 -17.27	28.91 0.40 -21.42	33.86 1.37 -9.64	29.44 1.46 -2.48	28.65 1.48 -2.62	37.39 1.66 -8.00	36.27 1.18 -15.72	38.95 1.13 -18.07	38.75 1.66 -8.93	95.11 -0.53 -104.97	63.10 3.23 -0.71	43.55 1.80 -9.30	48.50 -0.23 -52.75	41.29 -0.08 -42.60	35.44 0.34 -29.04	28.84 0.79 -13.05
NARROWS_GT1_6 24233	32.50 -0.35 -39.98	29.58 -0.17 -33.92	31.31 -0.25 -37.99	30.78 -0.26 -37.97	31.41 -0.25 -38.34	29.28 -0.27 -36.14	27.84 0.63 -14.29	37.78 1.34 -10.28	32.32 0.75 -17.27	28.91 0.40 -21.42	33.86 1.37 -9.64	29.44 1.46 -2.48	28.65 1.48 -2.62	37.39 1.66 -8.00	36.27 1.18 -15.72	38.95 1.13 -18.07	38.75 1.66 -8.93	95.11 -0.53 -104.97	63.10 3.23 -0.71	43.55 1.80 -9.30	48.50 -0.23 -52.75	41.29 -0.08 -42.60	35.44 0.34 -29.04	28.84 0.79 -13.05
NARROWS_GT1_7 24234	32.50 -0.35 -39.98	29.58 -0.17 -33.92	31.31 -0.25 -37.99	30.78 -0.26 -37.97	31.41 -0.25 -38.34	29.28 -0.27 -36.14	27.84 0.63 -14.29	37.78 1.34 -10.28	32.32 0.75 -17.27	28.91 0.40 -21.42	33.86 1.37 -9.64	29.44 1.46 -2.48	28.65 1.48 -2.62	37.39 1.66 -8.00	36.27 1.18 -15.72	38.95 1.13 -18.07	38.75 1.66 -8.93	95.11 -0.53 -104.97	63.10 3.23 -0.71	43.55 1.80 -9.30	48.50 -0.23 -52.75	41.29 -0.08 -42.60	35.44 0.34 -29.04	28.84 0.79 -13.05
NARROWS_GT1_8 24235	32.50 -0.35 -39.98	29.58 -0.17 -33.92	31.31 -0.25 -37.99	30.78 -0.26 -37.97	31.41 -0.25 -38.34	29.28 -0.27 -36.14	27.84 0.63 -14.29	37.78 1.34 -10.28	32.32 0.75 -17.27	28.91 0.40 -21.42	33.86 1.37 -9.64	29.44 1.46 -2.48	28.65 1.48 -2.62	37.39 1.66 -8.00	36.27 1.18 -15.72	38.95 1.13 -18.07	38.75 1.66 -8.93	95.11 -0.53 -104.97	63.10 3.23 -0.71	43.55 1.80 -9.30	48.50 -0.23 -52.75	41.29 -0.08 -42.60	35.44 0.34 -29.04	28.84 0.79 -13.05
NARROWS_GT2_1 24236	32.50 -0.35 -39.98	29.58 -0.17 -33.92	31.31 -0.25 -37.99	30.78 -0.26 -37.97	31.41 -0.25 -38.34	29.28 -0.27 -36.14	27.84 0.63 -14.29	37.78 1.34 -10.28	32.32 0.75 -17.27	28.91 0.40 -21.42	33.86 1.37 -9.64	29.44 1.46 -2.48	28.65 1.48 -2.62	37.39 1.66 -8.00	36.27 1.18 -15.72	38.95 1.13 -18.07	38.75 1.66 -8.93	95.11 -0.53 -104.97	63.10 3.23 -0.71	43.55 1.80 -9.30	48.50 -0.23 -52.75	41.29 -0.08 -42.60	35.44 0.34 -29.04	28.84 0.79 -13.05

NARROWS_GT2_2 24237	32.50 -0.35 -39.98	29.58 -0.17 -33.92	31.31 -0.25 -37.99	30.78 -0.26 -37.97	31.41 -0.25 -38.34	29.28 -0.27 -36.14	27.84 0.63 -14.29	37.78 1.34 -10.28	32.32 0.75 -17.27	28.91 0.40 -21.42	33.86 1.37 -9.64	29.44 1.46 -2.48	28.65 1.48 -2.62	37.39 1.66 -8.00	36.27 1.18 -15.72	38.95 1.13 -18.07	38.75 1.66 -8.93	95.11 -0.53 -104.97	63.10 3.23 -0.71	43.55 1.80 -9.30	48.50 -0.23 -52.75	41.29 -0.08 -42.60	35.44 0.34 -29.04	28.84 0.79 -13.05
NARROWS_GT2_3 24238	32.50 -0.35 -39.98	29.58 -0.17 -33.92	31.31 -0.25 -37.99	30.78 -0.26 -37.97	31.41 -0.25 -38.34	29.28 -0.27 -36.14	27.84 0.63 -14.29	37.78 1.34 -10.28	32.32 0.75 -17.27	28.91 0.40 -21.42	33.86 1.37 -9.64	29.44 1.46 -2.48	28.65 1.48 -2.62	37.39 1.66 -8.00	36.27 1.18 -15.72	38.95 1.13 -18.07	38.75 1.66 -8.93	95.11 -0.53 -104.97	63.10 3.23 -0.71	43.55 1.80 -9.30	48.50 -0.23 -52.75	41.29 -0.08 -42.60	35.44 0.34 -29.04	28.84 0.79 -13.05
NARROWS_GT2_4 24239	32.50 -0.35 -39.98	29.58 -0.17 -33.92	31.31 -0.25 -37.99	30.78 -0.26 -37.97	31.41 -0.25 -38.34	29.28 -0.27 -36.14	27.84 0.63 -14.29	37.78 1.34 -10.28	32.32 0.75 -17.27	28.91 0.40 -21.42	33.86 1.37 -9.64	29.44 1.46 -2.48	28.65 1.48 -2.62	37.39 1.66 -8.00	36.27 1.18 -15.72	38.95 1.13 -18.07	38.75 1.66 -8.93	95.11 -0.53 -104.97	63.10 3.23 -0.71	43.55 1.80 -9.30	48.50 -0.23 -52.75	41.29 -0.08 -42.60	35.44 0.34 -29.04	28.84 0.79 -13.05
NARROWS_GT2_5 24240	32.50 -0.35 -39.98	29.58 -0.17 -33.92	31.31 -0.25 -37.99	30.78 -0.26 -37.97	31.41 -0.25 -38.34	29.28 -0.27 -36.14	27.84 0.63 -14.29	37.78 1.34 -10.28	32.32 0.75 -17.27	28.91 0.40 -21.42	33.86 1.37 -9.64	29.44 1.46 -2.48	28.65 1.48 -2.62	37.39 1.66 -8.00	36.27 1.18 -15.72	38.95 1.13 -18.07	38.75 1.66 -8.93	95.11 -0.53 -104.97	63.10 3.23 -0.71	43.55 1.80 -9.30	48.50 -0.23 -52.75	41.29 -0.08 -42.60	35.44 0.34 -29.04	28.84 0.79 -13.05
NARROWS_GT2_6 24241	32.50 -0.35 -39.98	29.58 -0.17 -33.92	31.31 -0.25 -37.99	30.78 -0.26 -37.97	31.41 -0.25 -38.34	29.28 -0.27 -36.14	27.84 0.63 -14.29	37.78 1.34 -10.28	32.32 0.75 -17.27	28.91 0.40 -21.42	33.86 1.37 -9.64	29.44 1.46 -2.48	28.65 1.48 -2.62	37.39 1.66 -8.00	36.27 1.18 -15.72	38.95 1.13 -18.07	38.75 1.66 -8.93	95.11 -0.53 -104.97	63.10 3.23 -0.71	43.55 1.80 -9.30	48.50 -0.23 -52.75	41.29 -0.08 -42.60	35.44 0.34 -29.04	28.84 0.79 -13.05
NARROWS_GT2_7 24242	32.50 -0.35 -39.98	29.58 -0.17 -33.92	31.31 -0.25 -37.99	30.78 -0.26 -37.97	31.41 -0.25 -38.34	29.28 -0.27 -36.14	27.84 0.63 -14.29	37.78 1.34 -10.28	32.32 0.75 -17.27	28.91 0.40 -21.42	33.86 1.37 -9.64	29.44 1.46 -2.48	28.65 1.48 -2.62	37.39 1.66 -8.00	36.27 1.18 -15.72	38.95 1.13 -18.07	38.75 1.66 -8.93	95.11 -0.53 -104.97	63.10 3.23 -0.71	43.55 1.80 -9.30	48.50 -0.23 -52.75	41.29 -0.08 -42.60	35.44 0.34 -29.04	28.84 0.79 -13.05
NARROWS_GT2_8 24243	32.50 -0.35 -39.98	29.58 -0.17 -33.92	31.31 -0.25 -37.99	30.78 -0.26 -37.97	31.41 -0.25 -38.34	29.28 -0.27 -36.14	27.84 0.63 -14.29	37.78 1.34 -10.28	32.32 0.75 -17.27	28.91 0.40 -21.42	33.86 1.37 -9.64	29.44 1.46 -2.48	28.65 1.48 -2.62	37.39 1.66 -8.00	36.27 1.18 -15.72	38.95 1.13 -18.07	38.75 1.66 -8.93	95.11 -0.53 -104.97	63.10 3.23 -0.71	43.55 1.80 -9.30	48.50 -0.23 -52.75	41.29 -0.08 -42.60	35.44 0.34 -29.04	28.84 0.79 -13.05
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	38.33 -0.36 -45.82	34.51 -0.21 -38.88	36.78 -0.33 -43.54	36.23 -0.36 -43.52	36.91 -0.36 -43.95	34.51 -0.33 -41.43	30.41 0.81 -16.67	41.16 1.67 -13.33	36.55 0.90 -21.35	32.72 0.45 -25.17	35.71 1.43 -11.42	30.03 1.61 -2.92	29.01 1.31 -3.15	38.52 1.34 -9.47	38.94 1.08 -18.49	42.28 1.16 -21.37	40.42 1.51 -10.75	114.37 -0.49 -124.20	63.39 3.22 -1.01	45.31 1.81 -11.04	58.18 -0.21 -62.41	49.10 -0.06 -50.40	40.69 0.27 -34.35	31.13 0.69 -15.44
NCHELSEA_115KV_TR2 355582	32.77 -0.36 -40.26	29.79 -0.20 -34.17	31.53 -0.30 -38.26	30.99 -0.32 -38.24	31.62 -0.31 -38.62	29.48 -0.33 -36.40	28.13 0.71 -14.50	38.46 1.43 -10.86	32.88 0.76 -17.82	29.07 0.40 -21.56	33.84 1.31 -9.67	29.44 1.46 -2.49	28.59 1.41 -2.63	37.35 1.60 -8.03	36.36 1.17 -15.83	39.14 1.19 -18.20	38.92 1.76 -8.99	95.79 -0.58 -105.69	63.50 3.62 -0.71	43.80 1.98 -9.37	48.85 -0.25 -53.12	41.58 -0.08 -42.90	35.65 0.35 -29.24	28.96 0.81 -13.14
NEG CAPITAL___MECHNVIL 23645	41.84 -0.34 -49.31	37.47 -0.21 -41.84	40.11 -0.32 -46.86	39.57 -0.34 -46.84	40.28 -0.33 -47.30	37.67 -0.32 -44.58	31.66 0.74 -17.99	42.33 1.53 -14.63	38.43 0.84 -23.29	34.86 0.40 -27.36	36.77 1.23 -12.68	30.04 1.34 -3.20	29.42 1.25 -3.63	39.57 1.39 -10.46	40.43 0.93 -20.13	44.28 0.96 -23.57	41.61 1.38 -12.06	124.07 -0.49 -133.89	63.65 2.94 -1.54	46.05 1.59 -12.00	63.03 -0.19 -67.24	53.00 -0.06 -54.31	43.33 0.26 -37.01	32.27 0.63 -16.64
NEG CENTRAL_HIGH_ACRES 23767	2.03 0.06 -9.10	3.60 0.05 -7.72	2.32 0.10 -8.65	1.82 0.11 -8.64	2.13 0.09 -8.73	1.69 0.05 -8.23	16.90 -0.16 -4.14	32.39 -0.42 -6.63	21.52 -0.24 -7.47	11.60 -0.08 -4.57	25.44 -0.26 -2.84	25.80 -0.29 -0.60	25.37 -0.34 -1.16	29.64 -0.29 -2.21	22.55 -0.27 -3.45	24.35 -0.29 -4.89	30.99 -0.48 -3.30	12.75 0.14 -21.93	59.00 -1.69 -1.53	33.69 -1.01 -2.24	7.01 0.11 -10.92	7.61 0.03 -8.82	11.93 -0.15 -6.01	17.37 -0.33 -2.70
NEG CENTRAL___DRP 24199	2.21 -0.07 -9.41	3.79 -0.03 -7.98	2.48 -0.03 -8.94	1.98 -0.03 -8.94	2.29 -0.04 -9.02	1.85 -0.07 -8.50	16.82 0.14 -3.75	29.55 0.66 -2.72	18.70 0.38 -4.03	11.77 0.10 -4.57	25.31 0.31 -2.13	26.39 0.35 -0.54	25.50 0.35 -0.61	29.98 0.50 -1.76	23.03 0.28 -3.39	23.98 0.27 -3.97	30.57 0.37 -2.03	13.07 -0.13 -22.52	59.91 0.48 -0.26	34.65 0.17 -2.02	7.26 -0.02 -11.31	7.89 -0.01 -9.13	12.33 0.04 -6.23	17.88 0.08 -2.80
NEG CENTRAL___INDECK 23768	3.93 -0.21 -11.27	5.30 -0.09 -9.56	4.16 -0.12 -10.71	3.66 -0.12 -10.70	3.99 -0.13 -10.81	3.43 -0.17 -10.19	17.02 0.34 -3.75	28.87 0.81 -1.89	18.21 0.46 -3.46	12.34 0.23 -5.01	23.78 0.58 -0.34	26.44 0.52 -0.42	24.26 0.60 0.89	29.31 0.94 -0.65	23.53 0.60 -3.55	21.94 0.47 -1.73	27.33 0.54 1.37	16.90 -0.18 -26.41	56.55 0.69 3.30	34.36 0.31 -1.59	9.46 -0.04 -13.53	9.67 -0.02 -10.93	13.61 0.10 -7.45	18.61 0.25 -3.35
NEG CENTRAL___SENECA 23627	2.79 -0.10 -10.02	4.30 -0.04 -8.50	3.05 -0.04 -9.52	2.55 -0.04 -9.52	2.86 -0.06 -9.61	2.38 -0.10 -9.06	17.13 0.19 -4.01	29.48 0.96 -2.35	18.63 0.55 -3.78	12.04 0.13 -4.81	25.26 0.38 -2.02	26.44 0.40 -0.55	25.42 0.41 -0.46	30.04 0.62 -1.71	23.27 0.36 -3.55	23.95 0.32 -3.88	30.31 0.42 -1.73	14.44 -0.15 -23.92	59.58 0.56 0.14	34.72 0.21 -2.06	7.99 -0.03 -12.04	8.48 -0.01 -9.73	12.74 0.05 -6.63	18.08 0.10 -2.98
NEG CENTRAL___STATE_STREET 24147	2.02 -0.10 -9.25	3.62 -0.06 -7.85	2.28 -0.08 -8.79	1.77 -0.09 -8.78	2.09 -0.09 -8.87	1.67 -0.11 -8.36	16.80 0.22 -3.66	30.31 0.56 -3.59	19.41 0.32 -4.79	11.71 0.11 -4.50	25.40 0.44 -2.10	26.55 0.52 -0.53	25.63 0.49 -0.60	30.03 0.59 -1.73	23.02 0.32 -3.34	24.04 0.39 -3.90	30.76 0.60 -2.00	12.65 -0.21 -22.18	60.45 1.03 -0.26	34.90 0.46 -1.99	7.06 -0.06 -11.14	7.74 -0.02 -8.99	12.27 0.07 -6.13	17.96 0.20 -2.76

NEG MILLWOOD___DRP 24198	32.99 -0.38 -40.50	29.99 -0.21 -34.36	31.74 -0.31 -38.48	31.20 -0.33 -38.46	31.83 -0.32 -38.84	29.68 -0.34 -36.61	28.25 0.75 -14.58	38.58 1.50 -10.91	33.02 0.81 -17.92	29.24 0.43 -21.71	34.09 1.45 -9.78	29.61 1.60 -2.51	28.76 1.55 -2.67	37.61 1.77 -8.12	36.55 1.23 -15.94	39.33 1.25 -18.33	39.09 1.86 -9.07	96.50 -0.61 -106.44	63.72 3.83 -0.73	43.97 2.09 -9.43	49.21 -0.26 -53.49	41.88 -0.08 -43.20	35.88 0.37 -29.44	29.09 0.85 -13.24
NEG NORTH_FLCN_SEA 23793	-4.76 0.74 -1.64	-2.35 0.43 -1.39	-4.24 0.64 -1.56	-4.87 0.50 -1.55	-4.69 0.43 -1.57	-4.69 0.42 -1.48	11.71 -0.84 0.37	19.57 -2.36 4.23	9.53 -1.53 3.24	-8.07 -0.73 14.43	-3.32 -2.54 23.64	22.67 -2.93 -0.09	16.52 -2.81 5.21	24.82 -3.20 -0.30	17.81 -2.14 -0.59	17.97 -2.47 -0.69	25.42 -3.09 -0.35	-15.96 1.00 7.63	54.97 -3.94 0.25	31.39 -1.41 -0.35	-1.87 0.19 -1.96	0.39 0.05 -1.58	6.97 -0.17 -1.08	14.99 -0.49 -0.49
NEG NORTH_KES_CHATEGAY 23792	-4.64 0.81 -1.69	-2.28 0.46 -1.43	-4.15 0.68 -1.60	-4.75 0.57 -1.60	-4.56 0.51 -1.62	-4.54 0.53 -1.52	11.46 -1.03 0.43	18.78 -2.80 4.59	9.03 -1.74 3.53	-11.43 -0.83 17.70	-8.79 -2.84 28.82	22.35 -3.24 -0.09	14.98 -3.20 6.36	24.42 -3.61 -0.31	17.55 -2.42 -0.60	17.73 -2.72 -0.71	25.02 -3.51 -0.36	-18.17 1.17 10.01	54.14 -4.71 0.32	30.93 -1.88 -0.36	-1.76 0.25 -2.01	0.46 0.07 -1.63	6.92 -0.25 -1.11	14.84 -0.66 -0.50
NEG NORTH___ALICE_FALLS 23915	-4.76 0.73 -1.64	-2.35 0.42 -1.39	-4.24 0.63 -1.56	-4.87 0.50 -1.56	-4.68 0.43 -1.58	-4.67 0.43 -1.49	11.71 -0.83 0.38	19.55 -2.33 4.29	9.50 -1.51 3.29	-8.57 -0.72 14.95	-4.09 -2.49 24.46	22.74 -2.85 -0.09	16.39 -2.76 5.40	24.87 -3.15 -0.30	17.85 -2.11 -0.59	18.00 -2.43 -0.69	25.49 -3.03 -0.35	-16.37 0.97 8.01	55.19 -3.71 0.26	31.50 -1.30 -0.35	-1.88 0.18 -1.97	0.39 0.05 -1.59	6.99 -0.16 -1.08	15.03 -0.46 -0.49
NEG NORTH___LWR_SARANAC 23913	-4.76 0.73 -1.64	-2.35 0.42 -1.39	-4.24 0.63 -1.56	-4.87 0.50 -1.56	-4.68 0.43 -1.58	-4.67 0.43 -1.49	11.71 -0.83 0.38	19.55 -2.33 4.29	9.50 -1.51 3.29	-8.57 -0.72 14.95	-4.09 -2.49 24.46	22.74 -2.85 -0.09	16.39 -2.76 5.40	24.87 -3.15 -0.30	17.85 -2.11 -0.59	18.00 -2.43 -0.69	25.49 -3.03 -0.35	-16.37 0.97 8.01	55.19 -3.71 0.26	31.50 -1.30 -0.35	-1.88 0.18 -1.97	0.39 0.05 -1.59	6.99 -0.16 -1.08	15.03 -0.46 -0.49
NEG NORTH___PLATTSBURG 23628	-4.76 0.73 -1.64	-2.35 0.42 -1.39	-4.24 0.63 -1.56	-4.87 0.50 -1.56	-4.68 0.43 -1.58	-4.67 0.43 -1.49	11.71 -0.83 0.38	20.05 -1.82 4.29	9.77 -1.24 3.29	-8.57 -0.72 14.95	-4.09 -2.49 24.46	22.74 -2.85 -0.09	16.39 -2.76 5.40	24.85 -2.12 -0.30	17.84 -2.44 -0.59	18.00 -3.03 -0.69	25.49 -3.03 -0.35	-16.27 1.07 8.01	55.19 -3.71 0.26	31.51 -1.29 -0.35	-1.88 0.18 -1.97	0.39 0.05 -1.59	6.99 -0.16 -1.08	15.03 -0.46 -0.49
NEG WEST_LEA_LOCKPORT 23791	3.19 0.03 -10.29	4.58 0.02 -8.73	3.43 0.08 -9.78	2.93 0.09 -9.78	3.25 0.07 -9.87	2.73 0.01 -9.31	13.68 -0.20 -0.95	17.29 -0.27 8.61	7.87 -0.12 6.30	10.39 -0.13 -3.41	17.13 -0.41 5.31	24.81 -0.51 0.17	19.09 -0.53 4.92	24.16 -0.47 3.09	20.83 -0.51 -1.98	13.06 -0.59 6.10	16.25 -0.99 10.92	13.70 0.29 -22.74	44.10 -2.86 12.21	30.17 -1.64 0.65	8.51 0.18 -12.35	8.79 0.06 -9.97	12.70 -0.17 -6.80	17.79 -0.27 -3.06
NEG WEST___LANCASTR 23811	4.06 0.04 -11.15	5.33 0.04 -9.46	4.27 0.11 -10.59	3.78 0.12 -10.59	4.11 0.10 -10.69	3.53 0.04 -10.08	15.63 -0.17 -2.88	25.67 -0.19 0.31	14.95 -0.06 -0.72	10.71 -0.07 -3.68	16.96 -0.06 5.84	25.24 -0.06 0.20	19.13 -0.02 5.40	24.45 0.14 3.41	21.53 0.04 -2.12	13.11 0.09 6.73	16.23 0.05 11.98	15.36 0.09 -24.60	46.00 0.20 13.36	31.81 0.09 0.74	9.34 -0.01 -13.37	9.55 -0.01 -10.80	13.56 0.13 -7.36	18.77 0.46 -3.31
NEG_PENN_ALLEGHNY 23528	10.00 -0.10 -17.23	10.41 -0.04 -14.62	9.89 -0.05 -16.38	9.38 -0.06 -16.37	9.77 -0.07 -16.53	8.91 -0.08 -15.58	19.03 0.13 -5.98	30.06 0.22 -3.66	20.59 0.13 -6.17	15.17 0.09 -7.98	25.36 0.34 -2.16	26.71 0.40 -0.81	24.86 0.47 0.16	30.36 0.57 -2.08	25.53 0.36 -5.81	24.99 0.36 -4.88	29.34 0.46 -0.72	31.32 -0.13 -40.79	57.49 0.72 2.40	35.83 0.34 -3.04	16.62 -0.04 -20.68	15.45 -0.02 -16.70	17.53 0.08 -11.38	20.31 0.20 -5.12
NEG___GEN_MONROE 24207	2.04 -0.15 -9.33	3.66 -0.08 -7.91	2.34 -0.09 -8.86	1.83 -0.09 -8.86	2.15 -0.10 -8.94	1.67 -0.17 -8.43	17.14 0.21 -4.00	32.42 0.54 -5.71	21.23 0.32 -6.61	11.75 0.12 -4.52	25.35 0.38 -2.11	26.37 0.34 -0.53	25.44 0.29 -0.61	29.93 0.48 -1.74	22.92 0.20 -3.35	23.84 0.17 -3.92	30.33 0.16 -2.01	12.88 -0.07 -22.27	58.96 -0.46 -0.26	34.13 -0.32 -2.00	7.19 0.03 -11.19	7.80 0.01 -9.03	12.22 0.00 -6.16	17.86 0.09 -2.77
NEPA___ENERGY 23901	4.12 -0.05 -11.30	5.44 0.02 -9.59	4.36 0.05 -10.74	3.85 0.05 -10.73	4.18 0.03 -10.84	3.60 -0.03 -10.22	14.61 -0.14 -1.82	20.22 -0.18 5.77	10.45 -0.03 3.82	10.81 -0.06 -3.77	17.10 -0.05 5.72	25.25 -0.07 0.18	19.23 0.01 5.32	24.42 0.03 3.32	21.41 -0.15 -2.20	13.02 -0.19 6.54	15.96 -0.41 11.79	15.83 0.16 -24.99	44.80 -1.15 13.21	31.01 -0.78 0.67	9.61 0.08 -13.56	9.73 0.02 -10.95	13.54 0.01 -7.46	18.49 0.13 -3.35
NEVERSINK___HYD 23608	29.27 -0.28 -36.68	26.81 -0.15 -31.12	28.21 -0.21 -34.86	27.68 -0.23 -34.84	28.27 -0.23 -35.18	26.33 -0.25 -33.16	26.68 0.55 -13.21	37.14 1.12 -9.86	31.02 0.61 -16.13	26.46 0.31 -19.05	32.26 1.00 -8.40	28.65 0.96 -2.18	27.86 1.09 -2.23	35.91 1.20 -7.00	34.13 0.88 -13.89	35.89 0.32 -15.82	36.45 0.59 -7.70	83.41 -0.20 -92.94	60.79 1.20 -0.42	41.29 0.64 -8.19	42.60 -0.10 -46.73	36.42 -0.07 -37.74	32.07 0.28 -25.72	27.19 0.62 -11.56
NEWKRMKL_115KV_TB1 55635	41.23 -0.10 -48.46	36.89 -0.06 -41.12	39.52 -0.10 -46.05	38.99 -0.11 -46.03	39.69 -0.10 -46.48	37.15 -0.08 -43.81	30.88 0.27 -17.69	41.06 0.49 -14.40	37.48 0.26 -22.93	34.18 0.15 -26.93	35.81 0.47 -12.48	29.26 0.62 -3.15	28.71 0.59 -3.58	38.56 0.54 -10.30	39.60 0.41 -19.82	43.36 0.40 -23.20	40.60 0.56 -11.87	122.28 -0.19 -131.80	61.77 1.09 -1.52	44.93 0.66 -11.81	62.10 -0.08 -66.20	52.20 -0.02 -53.46	42.60 0.10 -36.43	31.67 0.29 -16.38
NEWTON___FALLS_HYD 23847	-3.61 0.54 -2.98	-1.37 0.27 -2.53	-3.20 0.40 -2.83	-3.70 0.40 -2.83	-3.40 0.43 -2.86	-3.42 0.47 -2.69	12.47 -0.97 -0.51	22.11 -2.09 1.96	12.11 -1.11 1.07	27.63 -0.59 -21.12	52.59 -1.96 -31.69	23.49 -2.18 -0.17	29.47 -2.13 -7.06	25.79 -2.48 -0.56	18.82 -1.61 -1.07	19.25 -1.74 -1.25	26.56 -2.25 -0.64	13.46 0.80 -22.00	57.09 -2.54 -0.47	31.65 -1.44 -0.64	-0.23 0.22 -3.57	1.73 0.09 -2.88	7.78 -0.25 -1.96	15.30 -0.58 -0.88
NGRID_A1_DSASP 323792	3.37 0.11 -10.39	4.73 0.09 -8.81	3.65 0.21 -9.87	3.16 0.23 -9.86	3.48 0.21 -9.96	2.94 0.14 -9.39	12.31 -0.48 0.13	11.51 -1.21 13.45	2.94 -0.69 10.66	9.81 -0.30 -3.01	14.35 -1.03 7.48	24.00 -1.11 0.39	16.90 -1.12 6.52	22.00 -1.20 4.51	19.87 -1.01 -1.52	9.60 -1.11 9.05	11.75 -1.76 14.66	13.64 0.54 -22.43	38.76 -4.62 15.78	28.41 -2.60 1.45	8.73 0.30 -12.46	8.91 0.09 -10.06	12.60 -0.33 -6.86	17.42 -0.66 -3.08

NGRID_A2_DSASP 323793	3.37 0.11 -10.39	4.73 0.09 -8.81	3.65 0.21 -9.87	3.16 0.23 -9.86	3.48 0.21 -9.96	2.94 0.14 -9.39	12.31 -0.48 0.13	11.51 -1.21 13.45	2.94 -0.69 10.66	9.81 -0.30 -3.01	14.35 -1.03 7.48	24.00 -1.11 0.39	16.90 -1.12 6.52	22.00 -1.20 4.51	19.87 -1.01 -1.52	9.60 -1.11 9.05	11.75 -1.76 14.66	13.64 0.54 -22.43	38.76 -4.62 15.78	28.41 -2.60 1.45	8.73 0.30 -12.46	8.91 0.09 -10.06	12.60 -0.33 -6.86	17.42 -0.66 -3.08
NGRID_A4_DSASP 323807	3.37 0.11 -10.39	4.73 0.09 -8.81	3.65 0.21 -9.87	3.16 0.23 -9.86	3.48 0.21 -9.96	2.94 0.14 -9.39	12.31 -0.48 0.13	11.51 -1.21 13.45	2.94 -0.69 10.66	9.81 -0.30 -3.01	14.35 -1.03 7.48	24.00 -1.11 0.39	16.90 -1.12 6.52	22.00 -1.20 4.51	19.87 -1.01 -1.52	9.60 -1.11 9.05	11.75 -1.76 14.66	13.64 0.54 -22.43	38.76 -4.62 15.78	28.41 -2.60 1.45	8.73 0.30 -12.46	8.91 0.09 -10.06	12.60 -0.33 -6.86	17.42 -0.66 -3.08
NIAGARA_115E_LBMP 323715	3.41 0.15 -10.40	4.73 0.07 -8.82	3.62 0.17 -9.88	3.13 0.18 -9.87	3.45 0.16 -9.97	2.92 0.11 -9.40	13.06 -0.40 -0.54	14.69 -0.98 10.50	5.70 -0.56 8.03	10.10 -0.23 -3.23	15.62 -0.83 6.41	24.32 -0.90 0.28	17.89 -0.92 5.73	22.96 -0.95 3.81	20.31 -0.82 -1.76	11.26 -0.91 7.58	13.88 -1.46 12.82	13.83 0.44 -22.71	41.23 -3.91 14.03	29.20 -2.21 1.04	8.70 0.25 -12.47	8.91 0.07 -10.07	12.67 -0.26 -6.86	17.59 -0.50 -3.09
NIAGARA_115W_LBMP 323714	3.37 0.13 -10.38	4.74 0.10 -8.80	3.66 0.23 -9.86	3.17 0.24 -9.86	3.49 0.23 -9.96	2.96 0.16 -9.38	12.22 -0.51 0.19	11.17 -1.28 13.72	2.66 -0.73 10.90	9.77 -0.32 -2.99	14.20 -1.10 7.57	23.92 -1.19 0.39	16.77 -1.20 6.58	21.86 -1.29 4.57	19.80 -1.07 -1.50	9.42 -1.16 9.16	11.52 -1.84 14.81	13.63 0.57 -22.39	38.46 -4.79 15.92	28.28 -2.69 1.48	8.73 0.31 -12.45	8.91 0.09 -10.06	12.57 -0.35 -6.85	17.38 -0.70 -3.08
NIAGARA_230_LBMP 323716	3.24 0.06 -10.31	4.63 0.05 -8.75	3.50 0.13 -9.80	3.00 0.13 -9.79	3.32 0.12 -9.89	2.80 0.06 -9.32	11.85 -0.34 0.73	9.27 -0.88 16.01	0.84 -0.52 12.94	9.70 -0.21 -2.80	13.83 -0.72 8.31	24.25 -0.77 0.47	16.63 -0.80 7.12	21.84 -0.82 5.06	19.94 -0.74 -1.31	8.74 -0.82 10.19	10.75 -1.34 16.08	13.14 0.41 -22.05	38.30 -3.76 17.11	28.55 -2.14 1.76	8.58 0.24 -12.37	8.82 0.07 -9.99	12.63 -0.24 -6.81	17.62 -0.44 -3.06
NIAGARA__115KV_198_GIBSON 55903	3.37 0.12 -10.38	4.74 0.10 -8.80	3.66 0.23 -9.86	3.17 0.24 -9.86	3.49 0.22 -9.96	2.95 0.16 -9.38	12.24 -0.49 0.19	11.45 -1.00 13.72	2.87 -0.52 10.90	9.77 -0.32 -2.99	14.24 -1.05 7.57	23.92 -1.19 0.39	16.76 -1.20 6.58	21.88 -1.26 4.57	19.80 -1.07 -1.50	9.40 -1.18 9.16	11.52 -1.84 14.81	13.64 0.57 -22.39	38.45 -4.79 15.92	28.28 -2.69 1.48	8.74 0.31 -12.45	8.91 0.09 -10.06	12.57 -0.35 -6.85	17.37 -0.71 -3.08
NIAGARA____ 23760	3.32 0.06 -10.39	4.69 0.05 -8.81	3.56 0.13 -9.86	3.07 0.13 -9.86	3.39 0.12 -9.96	2.86 0.06 -9.39	12.36 -0.34 0.22	11.54 -0.88 13.75	2.74 -0.52 11.04	9.84 -0.21 -2.95	14.40 -0.72 7.74	24.31 -0.77 0.42	17.04 -0.80 6.70	22.20 -0.82 4.70	20.08 -0.74 -1.44	9.56 -0.82 9.38	11.74 -1.34 15.08	13.37 0.41 -22.29	39.19 -3.76 16.21	28.76 -2.14 1.56	8.63 0.24 -12.41	8.86 0.07 -10.03	12.66 -0.24 -6.84	17.63 -0.44 -3.07
NINE_MILE_1 23575	-0.80 0.14 -6.19	1.17 0.09 -5.25	-0.41 0.14 -5.88	-0.90 0.15 -5.87	-0.61 0.15 -5.93	-0.86 0.13 -5.59	15.12 -0.29 -2.49	28.41 -0.60 -2.84	17.55 -0.32 -3.58	9.94 -0.16 -3.00	23.75 -0.51 -1.40	25.29 -0.56 -0.35	24.40 -0.54 -0.40	28.27 -0.60 -1.15	21.15 -0.44 -2.22	21.91 -0.44 -2.60	28.84 -0.65 -1.33	5.63 0.21 -14.75	57.81 -1.52 -0.17	32.93 -0.85 -1.32	3.49 0.10 -7.41	4.77 0.03 -5.98	9.99 -0.15 -4.08	16.46 -0.37 -1.83
NINE_MILE_2 23744	-0.82 0.14 -6.16	1.15 0.09 -5.23	-0.43 0.14 -5.86	-0.92 0.15 -5.85	-0.63 0.15 -5.91	-0.88 0.14 -5.57	15.11 -0.29 -2.48	28.40 -0.60 -2.83	17.54 -0.32 -3.57	9.94 -0.15 -2.99	23.74 -0.51 -1.39	25.29 -0.56 -0.35	24.41 -0.54 -0.40	28.27 -0.60 -1.15	21.14 -0.44 -2.21	21.90 -0.44 -2.59	28.84 -0.65 -1.32	5.58 0.20 -14.70	57.82 -1.51 -0.17	32.92 -0.85 -1.32	3.46 0.10 -7.38	4.75 0.03 -5.96	9.98 -0.15 -4.06	16.46 -0.37 -1.83
NM_CAPITAL____DRP 24208	41.09 -0.11 -48.33	36.78 -0.07 -41.01	39.38 -0.11 -45.93	38.85 -0.12 -45.90	39.55 -0.11 -46.36	37.01 -0.09 -43.69	30.84 0.28 -17.63	41.03 0.52 -14.34	37.42 0.28 -22.85	34.11 0.15 -26.85	35.79 0.49 -12.44	29.26 0.63 -3.14	28.70 0.59 -3.57	38.57 0.58 -10.27	39.57 0.44 -19.76	43.31 0.43 -23.14	40.59 0.59 -11.83	121.89 -0.20 -131.41	61.85 1.17 -1.51	44.93 0.70 -11.78	61.89 -0.08 -66.00	52.04 -0.03 -53.30	42.51 0.12 -36.33	31.65 0.32 -16.33
NM_CENTRAL____DRP 24181	0.44 -0.01 -7.57	2.26 0.00 -6.43	0.78 0.02 -7.19	0.28 0.02 -7.19	0.59 0.02 -7.26	0.26 0.00 -6.84	15.88 -0.01 -2.97	29.27 0.03 -3.07	18.38 0.03 -4.05	10.80 0.01 -3.68	24.63 0.05 -1.72	26.00 0.07 -0.43	25.12 0.09 -0.49	29.25 0.12 -1.42	22.13 0.04 -2.72	22.99 0.05 -3.19	29.86 0.06 -1.63	8.76 -0.03 -18.12	59.28 -0.09 -0.21	33.98 -0.10 -1.62	5.08 0.01 -9.10	6.11 0.00 -7.35	11.06 -0.01 -5.01	17.20 -0.05 -2.25
NM_FRONTIER____DRP 24179	3.37 0.12 -10.38	4.74 0.10 -8.80	3.66 0.23 -9.86	3.17 0.24 -9.86	3.49 0.22 -9.96	2.95 0.16 -9.38	12.24 -0.49 0.19	11.45 -1.00 13.72	2.87 -0.52 10.90	9.77 -0.32 -2.99	14.24 -1.05 7.57	23.92 -1.19 0.39	16.76 -1.20 6.58	21.88 -1.26 4.57	19.80 -1.07 -1.50	9.40 -1.18 9.16	11.52 -1.84 14.81	13.64 0.57 -22.39	38.45 -4.79 15.92	28.28 -2.69 1.48	8.74 0.31 -12.45	8.91 0.09 -10.06	12.57 -0.35 -6.85	17.37 -0.71 -3.08
NM_ST_REGIS____HYD 24053	-4.34 0.65 -2.13	-2.00 0.36 -1.81	-3.87 0.53 -2.03	-4.41 0.49 -2.03	-4.16 0.48 -2.05	-4.14 0.52 -1.93	11.76 -1.04 0.13	19.80 -2.55 3.82	10.01 -1.49 2.79	42.06 -0.70 -35.66	75.57 -2.37 -55.08	22.91 -2.71 -0.12	34.01 -2.77 -12.24	24.97 -3.14 -0.40	18.06 -2.08 -0.76	18.25 -2.39 -0.90	25.42 -3.21 -0.46	23.05 1.08 -31.30	55.75 -4.15 -0.74	31.04 -1.87 -0.46	-1.23 0.24 -2.55	0.90 0.08 -2.06	7.26 -0.21 -1.40	15.14 -0.49 -0.63
NORTHPORT____1 23551	32.39 -0.46 -39.98	29.52 -0.24 -33.93	31.24 -0.33 -37.99	30.70 -0.35 -37.97	31.32 -0.34 -38.35	29.14 -0.42 -36.14	28.31 1.02 -14.36	38.53 1.75 -10.61	32.71 0.87 -17.55	28.97 0.45 -21.42	34.23 1.73 -9.64	29.20 2.13 -1.57	30.57 2.11 -3.91	37.98 2.20 -8.06	36.52 1.42 -15.73	39.32 1.49 -18.08	39.47 2.19 -9.12	94.98 -0.67 -104.98	64.71 4.28 -1.27	44.17 2.42 -9.30	48.44 -0.30 -52.76	41.28 -0.09 -42.61	35.60 0.49 -29.04	29.21 1.15 -13.06
NORTHPORT____2 23552	32.39 -0.46 -39.98	29.52 -0.24 -33.93	31.24 -0.33 -37.99	30.70 -0.35 -37.97	31.32 -0.34 -38.35	29.14 -0.42 -36.14	28.31 1.02 -14.36	38.53 1.75 -10.61	32.71 0.87 -17.55	28.97 0.45 -21.42	34.23 1.73 -9.64	29.20 2.13 -1.57	30.57 2.11 -3.91	37.98 2.20 -8.06	36.52 1.42 -15.73	39.32 1.49 -18.08	39.47 2.19 -9.12	94.98 -0.67 -104.98	64.71 4.28 -1.27	44.17 2.42 -9.30	48.44 -0.30 -52.76	41.28 -0.09 -42.61	35.60 0.49 -29.04	29.21 1.15 -13.06

NORTHPORT___3 23553	32.46 -0.39 -39.98	29.55 -0.21 -33.93	31.28 -0.28 -37.99	30.75 -0.30 -37.97	31.37 -0.29 -38.35	29.19 -0.37 -36.14	28.19 0.91 -14.36	38.29 1.52 -10.60	32.57 0.73 -17.54	28.92 0.40 -21.42	34.10 1.60 -9.64	29.00 1.97 -1.53	30.34 1.97 -3.82	37.74 1.97 -8.05	36.37 1.27 -15.73	39.17 1.35 -18.08	39.23 1.95 -9.12	95.07 -0.59 -104.98	64.36 3.92 -1.27	43.96 2.20 -9.30	48.46 -0.27 -52.76	41.29 -0.08 -42.61	35.56 0.45 -29.04	29.11 1.05 -13.06
NORTHPORT___4 23650	32.46 -0.39 -39.98	29.55 -0.21 -33.93	31.28 -0.28 -37.99	30.75 -0.30 -37.97	31.37 -0.29 -38.35	29.19 -0.37 -36.14	28.19 0.91 -14.36	38.29 1.52 -10.60	32.57 0.73 -17.54	28.92 0.40 -21.42	34.10 1.60 -9.64	29.00 1.97 -1.53	30.34 1.97 -3.82	37.74 1.97 -8.05	36.37 1.27 -15.73	39.17 1.35 -18.08	39.23 1.95 -9.12	95.07 -0.59 -104.98	64.36 3.92 -1.27	43.96 2.20 -9.30	48.46 -0.27 -52.76	41.29 -0.08 -42.61	35.56 0.45 -29.04	29.11 1.05 -13.06
NORTHPORT___IC 23718	32.39 -0.46 -39.98	29.52 -0.24 -33.93	31.24 -0.33 -37.99	30.70 -0.35 -37.97	31.32 -0.34 -38.35	29.14 -0.42 -36.14	28.31 1.02 -14.36	38.53 1.75 -10.61	32.71 0.87 -17.55	28.97 0.45 -21.42	34.23 1.73 -9.64	29.20 2.13 -1.57	30.57 2.11 -3.91	37.98 2.20 -8.06	36.52 1.42 -15.73	39.32 1.49 -18.08	39.47 2.19 -9.12	94.98 -0.67 -104.98	64.71 4.28 -1.27	44.17 2.42 -9.30	48.44 -0.30 -52.76	41.28 -0.09 -42.61	35.60 0.49 -29.04	29.21 1.15 -13.06
NORTH___COUNTRY_ESR 323785	-4.61 0.84 -1.69	-2.26 0.48 -1.43	-4.12 0.70 -1.60	-4.73 0.60 -1.60	-4.54 0.53 -1.62	-4.51 0.56 -1.52	11.41 -1.08 0.43	19.18 -2.39 4.60	9.23 -1.53 3.54	-11.53 -0.86 17.78	-8.99 -2.92 28.94	22.23 -3.36 -0.09	14.86 -3.30 6.39	24.28 -3.75 -0.31	17.49 -2.48 -0.60	17.64 -2.82 -0.71	24.88 -3.65 -0.36	-18.08 1.31 10.06	53.84 -5.00 0.32	30.77 -2.04 -0.36	-1.74 0.27 -2.02	0.47 0.08 -1.63	6.89 -0.28 -1.11	14.77 -0.73 -0.50
NPX_GEN_1385_PROXY 323591	32.37 -0.47 -39.98	29.52 -0.24 -33.93	31.27 -0.29 -37.99	30.73 -0.31 -37.97	31.32 -0.34 -38.35	29.16 -0.39 -36.14	28.33 1.05 -14.36	38.27 1.49 -10.61	32.55 0.70 -17.55	28.90 0.38 -21.42	34.17 1.68 -9.64	29.11 2.04 -1.57	30.42 1.97 -3.91	37.75 1.98 -8.06	36.22 1.12 -15.73	38.89 1.07 -18.08	38.67 1.39 -9.12	95.18 -0.48 -104.98	63.00 2.57 -1.27	43.42 1.66 -9.30	48.56 -0.18 -52.76	41.33 -0.04 -42.61	35.54 0.43 -29.04	30.54 1.15 -14.39
NPX_GEN_CSC 323557	32.30 -0.55 -39.98	29.47 -0.29 -33.93	31.16 -0.40 -37.99	30.62 -0.42 -37.97	31.24 -0.42 -38.35	29.04 -0.51 -36.14	28.51 1.23 -14.36	38.97 2.20 -10.60	32.94 1.10 -17.55	29.06 0.54 -21.42	34.45 1.95 -9.64	29.54 2.35 -1.69	31.18 2.36 -4.27	38.33 2.54 -8.07	36.79 1.70 -15.73	39.70 1.88 -18.08	40.09 2.81 -9.12	94.77 -0.89 -104.98	66.13 5.69 -1.28	44.91 3.15 -9.30	48.35 -0.39 -52.76	41.26 -0.11 -42.61	35.71 0.60 -29.04	30.77 1.38 -14.39
NSINS_S_GLNS_FALLS 23858	42.09 -0.43 -49.65	37.69 -0.27 -42.13	40.34 -0.41 -47.18	39.81 -0.42 -47.15	40.52 -0.42 -47.62	37.87 -0.42 -44.88	32.01 0.99 -18.10	42.92 2.09 -14.65	38.84 1.16 -23.38	35.16 0.51 -27.54	37.18 1.55 -12.77	30.44 1.72 -3.22	29.79 1.59 -3.66	39.83 1.58 -10.53	40.55 0.91 -20.27	44.32 0.84 -23.73	41.53 1.23 -12.14	125.05 -0.42 -134.79	63.33 2.61 -1.55	45.92 1.39 -12.08	63.52 -0.15 -67.70	53.38 -0.05 -54.67	43.52 0.19 -37.26	32.19 0.44 -16.75
NUCOR_STEEL___DRP 24197	1.80 -0.10 -9.03	3.44 -0.06 -7.66	2.08 -0.07 -8.58	1.57 -0.09 -8.58	1.89 -0.08 -8.66	1.48 -0.10 -8.17	16.72 0.20 -3.59	30.45 0.51 -3.77	19.49 0.28 -4.91	11.59 0.10 -4.39	25.33 0.42 -2.05	26.51 0.49 -0.52	25.58 0.45 -0.59	29.96 0.55 -1.69	22.90 0.28 -3.26	23.93 0.37 -3.81	30.67 0.56 -1.95	12.15 -0.19 -21.66	60.31 0.90 -0.25	34.80 0.40 -1.94	6.80 -0.05 -10.88	7.53 -0.01 -8.78	12.12 0.07 -5.99	17.88 0.19 -2.69
NUMBER_THREE_WT_PWR 323818	-3.31 0.36 -3.47	-1.09 0.14 -2.94	-2.95 0.19 -3.29	-3.42 0.22 -3.29	-3.08 0.28 -3.32	-3.14 0.31 -3.13	13.24 -0.72 -1.04	24.79 -1.22 0.16	14.34 -0.50 -0.54	16.72 -0.40 -10.02	35.46 -1.34 -13.94	24.32 -1.38 -0.20	26.48 -1.20 -3.14	26.84 -1.52 -0.65	19.71 -0.89 -1.24	20.34 -0.86 -1.45	28.01 -0.90 -0.74	5.66 0.41 -14.58	59.33 -0.09 -0.26	32.73 -0.46 -0.74	0.28 0.15 -4.15	2.18 0.07 -3.35	8.15 -0.20 -2.28	15.57 -0.45 -1.03
NYISO_LBMP_REFERENCE 24008	-7.13 0.00 0.00	-4.17 0.00 0.00	-6.43 0.00 0.00	-6.93 0.00 0.00	-6.69 0.00 0.00	-6.59 0.00 0.00	12.92 0.00 0.00	26.17 0.00 0.00	14.29 0.00 0.00	7.10 0.00 0.00	22.86 0.00 0.00	25.50 0.00 0.00	24.54 0.00 0.00	27.72 0.00 0.00	19.37 0.00 0.00	19.75 0.00 0.00	28.17 0.00 0.00	-9.33 0.00 0.00	59.16 0.00 0.00	32.45 0.00 0.00	-4.03 0.00 0.00	-1.24 0.00 0.00	6.07 0.00 0.00	15.00 0.00 0.00
NYPA_BRENTWD___GT 24164	32.32 -0.53 -39.98	29.48 -0.28 -33.93	31.17 -0.39 -37.99	30.64 -0.41 -37.97	31.26 -0.40 -38.35	29.07 -0.49 -36.14	28.46 1.17 -14.36	38.87 2.10 -10.60	32.90 1.06 -17.55	29.06 0.54 -21.42	34.47 1.98 -9.64	29.71 2.38 -1.84	31.64 2.38 -4.72	38.34 2.54 -8.08	36.78 1.68 -15.73	39.61 1.79 -18.08	39.94 2.66 -9.12	94.82 -0.84 -104.98	65.38 4.94 -1.28	44.59 2.83 -9.30	48.38 -0.36 -52.76	41.26 -0.11 -42.61	35.68 0.57 -29.04	29.38 1.32 -13.06
NYPA_GOWANUS___GT5 24156	32.50 -0.35 -39.98	29.58 -0.17 -33.92	31.31 -0.25 -37.99	30.78 -0.26 -37.97	31.41 -0.25 -38.34	29.28 -0.27 -36.14	27.84 0.63 -14.29	37.78 1.34 -10.28	32.31 0.75 -17.27	28.91 0.40 -21.42	33.86 1.37 -9.64	29.44 1.46 -2.48	28.65 1.48 -2.62	37.39 1.66 -8.00	36.27 1.18 -15.72	38.95 1.13 -18.07	38.74 1.64 -8.93	95.11 -0.53 -104.97	63.09 3.23 -0.71	43.55 1.79 -9.30	48.50 -0.23 -52.75	41.29 -0.08 -42.60	35.44 0.34 -29.04	28.84 0.79 -13.05
NYPA_GOWANUS___GT6 24157	32.50 -0.35 -39.98	29.58 -0.17 -33.92	31.31 -0.25 -37.99	30.78 -0.26 -37.97	31.41 -0.25 -38.34	29.28 -0.27 -36.14	27.84 0.63 -14.29	37.78 1.34 -10.28	32.31 0.75 -17.27	28.91 0.40 -21.42	33.86 1.37 -9.64	29.44 1.46 -2.48	28.65 1.48 -2.62	37.39 1.66 -8.00	36.27 1.18 -15.72	38.95 1.13 -18.07	38.74 1.64 -8.93	95.11 -0.53 -104.97	63.09 3.23 -0.71	43.55 1.79 -9.30	48.50 -0.23 -52.75	41.29 -0.08 -42.60	35.44 0.34 -29.04	28.84 0.79 -13.05
NYPA_HARLEM__RVR__GT1 24160	32.57 -0.28 -39.98	29.59 -0.16 -33.91	31.33 -0.23 -37.98	30.79 -0.24 -37.97	31.42 -0.23 -38.34	29.29 -0.26 -36.14	27.92 0.65 -14.34	37.95 1.25 -10.53	32.48 0.70 -17.48	28.89 0.37 -21.42	33.79 1.30 -9.64	29.39 1.42 -2.48	28.57 1.41 -2.62	37.20 1.48 -8.00	36.19 1.10 -15.72	38.80 0.99 -18.07	38.59 1.50 -8.92	95.14 -0.48 -104.96	62.80 2.94 -0.70	43.35 1.61 -9.29	48.52 -0.21 -52.75	41.29 -0.07 -42.60	35.41 0.31 -29.04	28.77 0.72 -13.05
NYPA_HARLEM__RVR__GT2 24161	32.57 -0.28 -39.98	29.59 -0.16 -33.91	31.33 -0.23 -37.98	30.79 -0.24 -37.97	31.42 -0.23 -38.34	29.29 -0.26 -36.14	27.92 0.65 -14.34	37.95 1.25 -10.53	32.48 0.70 -17.48	28.89 0.37 -21.42	33.79 1.30 -9.64	29.39 1.42 -2.48	28.57 1.41 -2.62	37.20 1.48 -8.00	36.19 1.10 -15.72	38.80 0.99 -18.07	38.59 1.50 -8.92	95.14 -0.48 -104.96	62.80 2.94 -0.70	43.35 1.61 -9.29	48.52 -0.21 -52.75	41.29 -0.07 -42.60	35.41 0.31 -29.04	28.77 0.72 -13.05

NYPA_KENT____GT 24152	32.50 -0.34 -39.98	29.57 -0.18 -33.92	31.30 -0.25 -37.99	30.77 -0.27 -37.97	31.40 -0.26 -38.34	29.27 -0.28 -36.14	27.88 0.65 -14.30	37.87 1.35 -10.35	32.38 0.76 -17.33	28.92 0.40 -21.42	33.88 1.38 -9.64	29.47 1.49 -2.48	28.66 1.49 -2.62	37.40 1.68 -8.00	36.28 1.18 -15.72	38.96 1.14 -18.07	38.77 1.67 -8.93	95.10 -0.54 -104.97	63.10 3.24 -0.71	43.54 1.79 -9.30	48.50 -0.23 -52.75	41.29 -0.08 -42.60	35.44 0.33 -29.04	28.83 0.78 -13.05
NYPA_POUCH1____GT 24155	32.51 -0.34 -39.98	29.59 -0.17 -33.92	31.32 -0.24 -37.99	30.79 -0.25 -37.97	31.42 -0.24 -38.34	29.29 -0.26 -36.14	27.80 0.59 -14.29	37.69 1.26 -10.26	32.28 0.73 -17.26	28.90 0.38 -21.42	33.80 1.30 -9.64	29.35 1.37 -2.48	28.55 1.39 -2.62	37.30 1.58 -8.00	36.21 1.12 -15.72	38.86 1.05 -18.07	38.64 1.55 -8.93	95.14 -0.50 -104.97	62.89 3.02 -0.71	43.46 1.71 -9.30	48.51 -0.22 -52.75	41.29 -0.07 -42.60	35.43 0.33 -29.04	28.82 0.77 -13.05
NYPA_VERNON____GT2 24162	32.51 -0.34 -39.98	29.57 -0.18 -33.92	31.30 -0.26 -37.99	30.76 -0.27 -37.97	31.39 -0.26 -38.34	29.26 -0.29 -36.14	27.91 0.67 -14.32	37.96 1.36 -10.43	32.45 0.76 -17.40	28.92 0.41 -21.42	33.90 1.40 -9.64	29.49 1.52 -2.48	28.68 1.51 -2.62	37.40 1.68 -8.00	36.28 1.19 -15.72	38.97 1.15 -18.07	38.79 1.69 -8.93	95.09 -0.55 -104.97	63.17 3.30 -0.71	43.56 1.81 -9.30	48.50 -0.23 -52.75	41.29 -0.08 -42.60	35.43 0.33 -29.04	28.82 0.76 -13.05
NYPA_VERNON____GT3 24163	32.51 -0.34 -39.98	29.57 -0.18 -33.92	31.30 -0.26 -37.99	30.76 -0.27 -37.97	31.39 -0.26 -38.34	29.26 -0.29 -36.14	27.91 0.67 -14.32	37.96 1.36 -10.43	32.45 0.76 -17.40	28.92 0.41 -21.42	33.90 1.40 -9.64	29.49 1.52 -2.48	28.68 1.51 -2.62	37.40 1.68 -8.00	36.28 1.19 -15.72	38.97 1.15 -18.07	38.79 1.69 -8.93	95.09 -0.55 -104.97	63.17 3.30 -0.71	43.56 1.81 -9.30	48.50 -0.23 -52.75	41.29 -0.08 -42.60	35.43 0.33 -29.04	28.82 0.76 -13.05
NYPA__ASTORIA_CC1 323568	32.52 -0.32 -39.98	29.58 -0.17 -33.92	31.31 -0.25 -37.99	30.77 -0.27 -37.97	31.40 -0.26 -38.34	29.27 -0.28 -36.14	27.90 0.65 -14.33	37.95 1.32 -10.47	32.46 0.73 -17.43	28.91 0.39 -21.42	33.85 1.35 -9.64	29.44 1.47 -2.48	28.63 1.46 -2.62	37.34 1.62 -8.00	36.24 1.15 -15.72	38.93 1.11 -18.07	38.73 1.64 -8.93	95.11 -0.53 -104.97	63.06 3.20 -0.71	43.51 1.75 -9.30	48.51 -0.22 -52.75	41.29 -0.07 -42.60	35.42 0.32 -29.04	28.79 0.73 -13.05
NYPA__ASTORIA_CC2 323569	32.52 -0.32 -39.98	29.58 -0.17 -33.92	31.31 -0.25 -37.99	30.77 -0.27 -37.97	31.40 -0.26 -38.34	29.27 -0.28 -36.14	27.90 0.65 -14.33	37.95 1.32 -10.47	32.46 0.73 -17.43	28.91 0.39 -21.42	33.85 1.35 -9.64	29.44 1.47 -2.48	28.63 1.46 -2.62	37.34 1.62 -8.00	36.24 1.15 -15.72	38.93 1.11 -18.07	38.73 1.64 -8.93	95.11 -0.53 -104.97	63.06 3.20 -0.71	43.51 1.75 -9.30	48.51 -0.22 -52.75	41.29 -0.07 -42.60	35.42 0.32 -29.04	28.79 0.73 -13.05
NYPA__HOLTSVILL 23794	32.35 -0.50 -39.98	29.49 -0.27 -33.93	31.20 -0.36 -37.99	30.66 -0.38 -37.97	31.28 -0.37 -38.35	29.10 -0.46 -36.14	28.41 1.13 -14.36	38.76 1.99 -10.60	32.83 0.99 -17.55	29.02 0.50 -21.42	34.34 1.84 -9.64	29.41 2.23 -1.68	31.02 2.24 -4.24	38.18 2.39 -8.07	36.67 1.58 -15.73	39.53 1.71 -18.08	39.82 2.54 -9.12	94.86 -0.79 -104.98	65.49 5.05 -1.27	44.56 2.81 -9.30	48.39 -0.35 -52.76	41.27 -0.10 -42.61	35.65 0.55 -29.04	29.31 1.26 -13.06
NYPA____HELLGATE_GT1 24158	32.57 -0.27 -39.98	29.59 -0.15 -33.91	31.34 -0.22 -37.98	30.80 -0.23 -37.97	31.43 -0.23 -38.34	29.30 -0.26 -36.14	27.92 0.65 -14.34	37.94 1.23 -10.54	32.47 0.68 -17.49	28.88 0.36 -21.42	33.77 1.27 -9.64	29.37 1.40 -2.48	28.56 1.40 -2.62	37.17 1.45 -8.00	36.17 1.08 -15.72	38.78 0.97 -18.07	38.55 1.47 -8.92	95.16 -0.47 -104.96	62.72 2.86 -0.70	43.30 1.56 -9.29	48.52 -0.21 -52.75	41.29 -0.07 -42.60	35.40 0.30 -29.04	28.77 0.71 -13.05
NYPA____HELLGATE_GT2 24159	32.57 -0.27 -39.98	29.59 -0.15 -33.91	31.34 -0.22 -37.98	30.80 -0.23 -37.97	31.43 -0.23 -38.34	29.30 -0.26 -36.14	27.92 0.65 -14.34	37.94 1.23 -10.54	32.47 0.68 -17.49	28.88 0.36 -21.42	33.77 1.27 -9.64	29.37 1.40 -2.48	28.56 1.40 -2.62	37.17 1.45 -8.00	36.17 1.08 -15.72	38.78 0.97 -18.07	38.55 1.47 -8.92	95.16 -0.47 -104.96	62.72 2.86 -0.70	43.30 1.56 -9.29	48.52 -0.21 -52.75	41.29 -0.07 -42.60	35.40 0.30 -29.04	28.77 0.71 -13.05
NYS_BARGE__HYD 23848	3.15 0.03 -10.25	4.54 0.02 -8.70	3.39 0.08 -9.74	2.89 0.08 -9.73	3.21 0.07 -9.83	2.69 0.01 -9.26	13.85 -0.19 -1.12	17.79 -0.54 7.84	8.36 -0.32 5.62	10.45 -0.11 -3.46	17.46 -0.43 4.97	24.88 -0.48 0.14	19.38 -0.50 4.67	24.40 -0.45 2.87	20.93 -0.48 -2.04	13.56 -0.55 5.64	16.91 -0.93 10.32	13.65 0.27 -22.71	44.79 -2.74 11.63	30.34 -1.59 0.53	8.44 0.17 -12.29	8.74 0.05 -9.93	12.68 -0.16 -6.77	17.79 -0.25 -3.04
OAK_ORCHARD__HYD 24046	2.06 -0.09 -9.28	3.66 -0.05 -7.88	2.36 -0.03 -8.82	1.85 -0.04 -8.81	2.17 -0.05 -8.90	1.71 -0.10 -8.39	17.15 0.09 -4.14	32.64 0.15 -6.33	21.56 0.07 -7.20	11.77 0.06 -4.60	25.62 0.16 -2.60	26.23 0.15 -0.58	25.62 0.11 -0.96	30.00 0.22 -2.06	22.85 0.04 -3.45	24.34 0.01 -4.58	30.94 -0.08 -2.85	12.97 0.00 -22.29	59.25 -0.98 -1.07	34.02 -0.61 -2.17	7.18 0.07 -11.14	7.77 0.02 -8.99	12.15 -0.05 -6.13	17.70 -0.05 -2.75
OAKDALE__35_KV_LOAD 356122	9.91 -0.10 -17.13	10.33 -0.04 -14.54	9.81 -0.05 -16.28	9.30 -0.05 -16.27	9.69 -0.06 -16.43	8.82 -0.08 -15.49	18.95 0.10 -5.92	29.97 0.25 -3.55	20.48 0.15 -6.03	15.06 0.07 -7.88	25.18 0.30 -2.02	26.63 0.34 -0.79	24.70 0.40 0.25	30.17 0.48 -1.98	25.40 0.29 -5.74	24.71 0.30 -4.67	29.02 0.36 -0.49	31.09 -0.09 -40.51	57.18 0.59 2.57	35.70 0.27 -2.98	16.51 -0.03 -20.57	15.36 -0.01 -16.61	17.47 0.08 -11.32	20.27 0.18 -5.09
OCC_CHEM__DRP 24175	3.36 0.11 -10.39	4.73 0.09 -8.81	3.65 0.21 -9.87	3.16 0.22 -9.86	3.48 0.20 -9.96	2.94 0.14 -9.39	12.33 -0.46 0.13	11.80 -0.92 13.45	3.15 -0.49 10.66	9.81 -0.30 -3.01	14.39 -0.99 7.48	24.00 -1.11 0.39	16.90 -1.13 6.52	22.02 -1.19 4.51	19.87 -1.01 -1.52	9.58 -1.12 9.05	11.75 -1.76 14.66	13.65 0.55 -22.43	38.76 -4.63 15.78	28.41 -2.60 1.45	8.73 0.30 -12.46	8.92 0.09 -10.06	12.59 -0.33 -6.86	17.42 -0.66 -3.08
OH_GEN_PROXY 24063	3.23 0.05 -10.31	4.62 0.04 -8.75	3.48 0.12 -9.79	2.98 0.12 -9.79	3.31 0.11 -9.88	2.78 0.05 -9.32	12.34 -0.32 0.27	11.21 -0.82 14.14	2.62 -0.49 11.19	9.98 -0.19 -3.07	15.20 -0.64 7.03	24.48 -0.67 0.34	17.66 -0.70 6.18	22.78 -0.72 4.22	20.30 -0.66 -1.60	10.57 -0.74 8.44	13.05 -1.25 13.87	13.41 0.39 -22.35	40.61 -3.54 15.01	29.15 -2.01 1.29	8.57 0.22 -12.36	8.81 0.07 -9.99	12.64 -0.23 -6.80	18.99 -0.41 -4.40
OLIN_CORP_DRP 24177	3.44 0.13 -10.44	4.75 0.07 -8.86	3.64 0.15 -9.92	3.15 0.16 -9.91	3.47 0.15 -10.01	2.95 0.10 -9.43	13.09 -0.37 -0.53	14.98 -0.64 10.55	5.88 -0.33 8.08	10.10 -0.23 -3.23	15.57 -0.75 6.54	24.35 -0.86 0.29	17.83 -0.88 5.83	22.94 -0.89 3.89	20.32 -0.80 -1.75	11.10 -0.89 7.76	13.69 -1.42 13.05	13.88 0.44 -22.77	41.07 -3.83 14.25	29.21 -2.16 1.09	8.74 0.24 -12.52	8.95 0.07 -10.11	12.70 -0.26 -6.89	17.62 -0.48 -3.10

OLIN_CORP_DSASP 323712	3.37 0.11 -10.39	4.73 0.09 -8.81	3.65 0.21 -9.87	3.16 0.23 -9.86	3.48 0.21 -9.96	2.94 0.14 -9.39	12.31 -0.48 0.13	11.51 -1.21 13.45	2.94 -0.69 10.66	9.81 -0.30 -3.01	14.35 -1.03 7.48	24.00 -1.11 0.39	16.90 -1.12 6.52	22.00 -1.20 4.51	19.87 -1.01 -1.52	9.60 -1.11 9.05	11.75 -1.76 14.66	13.64 0.54 -22.43	38.76 -4.62 15.78	28.41 -2.60 1.45	8.73 0.30 -12.46	8.91 0.09 -10.06	12.60 -0.33 -6.86	17.42 -0.66 -3.08
ONEIDA_HERK_LFGE 323681	-4.14 0.07 -2.93	-1.67 0.01 -2.49	-3.64 0.01 -2.78	-4.13 0.01 -2.78	-3.84 0.04 -2.81	-3.89 0.05 -2.65	13.75 -0.11 -0.94	26.25 -0.10 -0.18	15.03 0.02 -0.72	11.99 -0.07 -4.96	28.85 -0.25 -6.25	25.40 -0.27 -0.17	25.82 -0.15 -1.43	28.05 -0.21 -0.55	20.32 -0.10 -1.05	20.93 -0.05 -1.23	28.88 0.09 -0.63	0.36 0.01 -9.67	60.36 1.05 -0.15	33.47 0.39 -0.63	-0.51 0.00 -3.51	1.60 0.01 -2.84	8.00 0.00 -1.93	15.89 0.02 -0.87
ONEIDA___115KV_TB4 55905	-2.46 -0.13 -4.81	-0.17 -0.08 -4.08	-1.99 -0.13 -4.57	-2.50 -0.14 -4.56	-2.21 -0.13 -4.61	-2.38 -0.14 -4.34	14.97 0.29 -1.76	28.14 0.63 -1.34	16.73 0.38 -2.06	10.95 0.14 -3.71	26.60 0.49 -3.25	26.29 0.51 -0.27	25.95 0.61 -0.79	29.34 0.72 -0.90	21.56 0.46 -1.73	22.28 0.51 -2.02	30.02 0.82 -1.04	2.94 -0.27 -12.53	61.27 1.95 -0.16	34.47 0.99 -1.03	1.65 -0.10 -5.77	3.39 -0.03 -4.66	9.38 0.14 -3.18	16.75 0.32 -1.43
ONONDAGA_REF_OCCRA 23987	1.31 -0.05 -8.48	3.01 -0.02 -7.20	1.61 -0.02 -8.06	1.11 -0.02 -8.06	1.43 -0.02 -8.14	1.05 -0.04 -7.67	16.29 0.07 -3.29	29.60 0.19 -3.23	18.78 0.13 -4.36	11.28 0.06 -4.12	24.98 0.19 -1.92	26.21 0.23 -0.49	25.34 0.25 -0.55	29.60 0.30 -1.59	22.59 0.17 -3.05	23.51 0.19 -3.58	30.26 0.27 -1.83	10.88 -0.09 -20.30	59.77 0.38 -0.23	34.44 0.17 -1.82	6.15 -0.02 -10.20	6.99 -0.01 -8.23	11.71 0.03 -5.61	17.58 0.05 -2.52
ONONDAGA___COGEN 23986	1.03 -0.04 -8.20	2.77 -0.02 -6.96	1.34 -0.02 -7.79	0.84 -0.02 -7.79	1.16 -0.02 -7.86	0.79 -0.04 -7.41	16.24 0.07 -3.25	29.75 0.20 -3.38	18.84 0.12 -4.43	11.13 0.04 -3.99	24.88 0.16 -1.86	26.16 0.19 -0.47	25.27 0.20 -0.53	29.50 0.25 -1.53	22.45 0.13 -2.95	23.36 0.16 -3.45	30.15 0.22 -1.77	10.22 -0.08 -19.62	59.69 0.30 -0.23	34.32 0.10 -1.76	5.82 -0.02 -9.85	6.71 -0.01 -7.96	11.51 0.02 -5.43	17.47 0.03 -2.44
ONTARIO___LFGE 23819	2.79 -0.10 -10.02	4.30 -0.04 -8.50	3.05 -0.04 -9.52	2.55 -0.04 -9.52	2.86 -0.06 -9.61	2.38 0.19 -9.06	17.12 0.19 -4.01	29.37 0.85 -2.35	18.55 0.48 -3.78	12.04 0.13 -4.81	25.24 0.36 -2.02	26.44 0.40 -0.55	25.42 0.41 -0.46	30.03 0.61 -1.71	23.27 0.36 -3.55	23.94 0.32 -3.88	30.32 0.42 -1.73	14.43 -0.16 -23.92	59.59 0.56 0.14	34.72 0.21 -2.06	7.99 -0.03 -12.04	8.47 -0.01 -9.73	12.74 0.05 -6.63	18.08 0.10 -2.98
ORANGEVILLE_WT_PWR 323706	4.68 0.13 -11.68	5.85 0.10 -9.91	4.87 0.20 -11.10	4.40 0.23 -11.09	4.73 0.21 -11.20	4.15 0.17 -10.56	14.46 -0.41 -1.94	19.16 -0.79 6.21	9.95 -0.40 3.94	11.09 -0.23 -4.22	17.66 -0.84 4.37	24.47 -1.00 0.03	19.35 -0.82 4.37	24.64 -0.66 2.42	21.41 -0.58 -2.62	14.31 -0.79 4.65	17.34 -1.29 9.53	17.34 0.45 -26.22	45.15 -2.88 11.13	30.72 -1.63 0.11	10.18 0.18 -14.02	10.13 0.05 -11.32	13.59 -0.19 -7.72	18.07 -0.40 -3.47
ORANGEVILLE___ESR 323794	4.68 0.13 -11.68	5.85 0.10 -9.91	4.87 0.20 -11.10	4.40 0.23 -11.09	4.73 0.21 -11.20	4.15 0.17 -10.56	14.46 -0.41 -1.94	19.16 -0.79 6.21	9.95 -0.40 3.94	11.09 -0.23 -4.22	17.66 -0.84 4.37	24.47 -1.00 0.03	19.35 -0.82 4.37	24.64 -0.66 2.42	21.41 -0.58 -2.62	14.31 -0.79 4.65	17.34 -1.29 9.53	17.34 0.45 -26.22	45.15 -2.88 11.13	30.72 -1.63 0.11	10.18 0.18 -14.02	10.13 0.05 -11.32	13.59 -0.19 -7.72	18.07 -0.40 -3.47
OSWEGATCHIE___HYD 24044	-3.61 0.54 -2.98	-1.37 0.27 -2.53	-3.20 0.40 -2.83	-3.70 0.40 -2.83	-3.40 0.43 -2.86	-3.42 0.47 -2.69	12.47 -0.97 -0.51	22.40 -1.81 1.96	12.26 -0.96 1.07	27.63 -0.59 -21.12	52.59 -1.96 -31.69	23.48 -2.18 -0.17	29.48 -2.13 -7.06	25.78 -2.49 -0.56	18.82 -1.62 -1.07	19.25 -1.75 -1.25	26.56 -2.25 -0.64	13.51 0.84 -22.00	57.09 -2.54 -0.47	31.66 -1.43 -0.64	-0.23 0.22 -3.57	1.73 0.09 -2.88	7.78 -0.25 -1.96	15.30 -0.58 -0.88
OSWEGO___5 23606	-0.43 0.10 -6.61	1.50 0.06 -5.61	-0.05 0.10 -6.28	-0.54 0.11 -6.28	-0.25 0.10 -6.34	-0.52 0.09 -5.97	15.35 -0.20 -2.63	28.65 -0.41 -2.90	17.79 -0.22 -3.71	10.20 -0.11 -3.21	24.02 -0.33 -1.49	25.50 -0.37 -0.38	24.63 -0.35 -0.43	28.56 -0.39 -1.23	21.44 -0.30 -2.37	22.23 -0.30 -2.78	29.16 -0.43 -1.42	6.58 0.13 -15.77	58.29 -1.06 -0.18	33.26 -0.61 -1.41	3.97 0.07 -7.92	5.18 0.02 -6.40	10.32 -0.10 -4.36	16.70 -0.26 -1.96
OSWEGO___6 23613	-0.43 0.10 -6.61	1.50 0.06 -5.61	-0.05 0.10 -6.28	-0.54 0.11 -6.28	-0.25 0.10 -6.34	-0.52 0.09 -5.97	15.35 -0.20 -2.63	28.65 -0.41 -2.90	17.79 -0.22 -3.71	10.20 -0.11 -3.21	24.02 -0.33 -1.49	25.50 -0.37 -0.38	24.63 -0.35 -0.43	28.56 -0.39 -1.23	21.44 -0.30 -2.37	22.23 -0.30 -2.78	29.16 -0.43 -1.42	6.58 0.13 -15.77	58.29 -1.06 -0.18	33.26 -0.61 -1.41	3.97 0.07 -7.92	5.18 0.02 -6.40	10.32 -0.10 -4.36	16.70 -0.26 -1.96
OUTOKUMPU-AB___DRP 24206	3.34 -0.02 -10.49	4.73 0.01 -8.90	3.60 0.07 -9.96	3.11 0.07 -9.96	3.42 0.06 -10.06	2.88 -0.01 -9.48	13.49 -0.14 -0.70	16.13 -0.20 9.84	6.77 -0.07 7.45	10.29 -0.10 -3.29	16.24 -0.29 6.33	24.87 -0.36 0.27	18.49 -0.37 5.69	23.65 -0.31 3.75	20.78 -0.39 -1.81	11.80 -0.48 7.46	14.64 -0.83 12.70	13.86 0.24 -22.94	42.80 -2.44 13.93	30.04 -1.42 1.00	8.71 0.16 -12.58	8.97 0.05 -10.16	12.86 -0.13 -6.92	17.93 -0.18 -3.11
OXBOW___ 24026	3.33 0.03 -10.44	4.72 0.04 -8.85	3.61 0.12 -9.92	3.12 0.13 -9.91	3.44 0.11 -10.01	2.89 0.04 -9.44	12.94 -0.28 -0.29	13.77 -0.77 11.62	4.81 -0.45 9.04	10.08 -0.17 -3.15	15.35 -0.61 6.90	24.52 -0.65 0.33	17.78 -0.67 6.10	22.92 -0.67 4.13	20.39 -0.64 -1.67	10.78 -0.72 8.25	13.31 -1.19 13.67	13.71 0.35 -22.69	41.01 -3.31 14.84	29.34 -1.89 1.22	8.71 0.21 -12.52	8.93 0.06 -10.11	12.75 -0.21 -6.89	17.73 -0.37 -3.10
OXY_CHEM_DSASP 323612	3.36 0.11 -10.39	4.73 0.09 -8.81	3.65 0.21 -9.87	3.16 0.22 -9.86	3.48 0.20 -9.96	2.94 0.14 -9.39	12.33 -0.46 0.13	11.80 -0.92 13.45	3.15 -0.49 10.66	9.81 -0.30 -3.01	14.39 -0.99 7.48	24.00 -1.11 0.39	16.90 -1.13 6.52	22.02 -1.19 4.51	19.87 -1.01 -1.52	9.58 -1.12 9.05	11.75 -1.76 14.66	13.65 0.55 -22.43	38.76 -4.63 15.78	28.41 -2.60 1.45	8.73 0.30 -12.46	8.92 0.09 -10.06	12.59 -0.33 -6.86	17.42 -0.66 -3.08
OZONE_PARK_ESR 323760	32.46 -0.38 -39.97	29.55 -0.21 -33.92	31.25 -0.30 -37.98	30.71 -0.32 -37.96	31.34 -0.31 -38.34	29.21 -0.34 -36.14	28.04 0.77 -14.34	38.27 1.58 -10.52	32.62 0.85 -17.48	28.98 0.46 -21.41	34.08 1.58 -9.64	29.69 1.72 -2.48	28.87 1.70 -2.62	37.65 1.93 -8.00	36.44 1.35 -15.72	39.15 1.33 -18.07	39.03 1.94 -8.93	95.00 -0.63 -104.96	63.71 3.84 -0.70	43.87 2.12 -9.30	48.46 -0.27 -52.75	41.27 -0.09 -42.60	35.49 0.39 -29.03	28.93 0.88 -13.05

PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	3.36 0.11 -10.39	4.73 0.09 -8.81	3.65 0.21 -9.87	3.16 0.22 -9.86	3.48 0.20 -9.96	2.94 0.14 -9.39	12.33 -0.46 0.13	11.80 -0.92 13.45	3.15 -0.49 10.66	9.81 -0.30 -3.01	14.39 -0.99 7.48	24.00 -1.11 0.39	16.90 -1.13 6.52	22.02 -1.19 4.51	19.87 -1.01 -1.52	9.58 -1.12 9.05	11.75 -1.76 14.66	13.65 0.55 -22.43	38.76 -4.63 15.78	28.41 -2.60 1.45	8.73 0.30 -12.46	8.92 0.09 -10.06	12.59 -0.33 -6.86	17.42 -0.66 -3.08
PACKARD__115KV_DUPONT_184 80571	3.36 0.11 -10.39	4.73 0.09 -8.81	3.65 0.21 -9.87	3.16 0.22 -9.86	3.48 0.20 -9.96	2.94 0.14 -9.39	12.33 -0.46 0.13	11.80 -0.92 13.45	3.15 -0.49 10.66	9.81 -0.30 -3.01	14.39 -0.99 7.48	24.00 -1.11 0.39	16.90 -1.13 6.52	22.02 -1.19 4.51	19.87 -1.01 -1.52	9.58 -1.12 9.05	11.75 -1.76 14.66	13.65 0.55 -22.43	38.76 -4.63 15.78	28.41 -2.60 1.45	8.73 0.30 -12.46	8.92 0.09 -10.06	12.59 -0.33 -6.86	17.42 -0.66 -3.08
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	32.55 -0.30 -39.98	29.58 -0.17 -33.92	31.32 -0.24 -37.99	30.79 -0.25 -37.97	31.41 -0.24 -38.34	29.28 -0.27 -36.14	27.91 0.65 -14.34	38.01 1.31 -10.53	32.48 0.70 -17.48	28.90 0.38 -21.42	33.81 1.31 -9.64	29.42 1.45 -2.48	28.60 1.44 -2.62	37.27 1.56 -8.00	36.22 1.13 -15.72	38.88 1.06 -18.07	38.70 1.60 -8.93	95.12 -0.51 -104.97	63.02 3.15 -0.71	43.47 1.72 -9.30	48.51 -0.22 -52.75	41.29 -0.07 -42.60	35.42 0.31 -29.04	28.79 0.73 -13.05
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	32.53 -0.31 -39.98	29.56 -0.19 -33.92	31.29 -0.27 -37.99	30.74 -0.30 -37.97	31.38 -0.28 -38.34	29.24 -0.31 -36.14	28.02 0.75 -14.34	38.16 1.46 -10.53	32.56 0.78 -17.48	28.93 0.41 -21.42	33.90 1.40 -9.64	29.50 1.52 -2.48	28.75 1.58 -2.62	37.42 1.70 -8.00	36.33 1.24 -15.72	38.93 1.12 -18.07	38.78 1.68 -8.93	95.08 -0.56 -104.97	63.45 3.58 -0.71	43.66 1.91 -9.30	48.48 -0.25 -52.75	41.28 -0.08 -42.60	35.45 0.35 -29.04	28.89 0.83 -13.05
PATROON__115KV_TB1 80586	41.35 -0.12 -48.60	37.00 -0.07 -41.24	39.63 -0.12 -46.18	39.10 -0.13 -46.16	39.81 -0.12 -46.62	37.25 -0.10 -43.94	30.98 0.32 -17.74	41.19 0.58 -14.44	37.60 0.31 -22.99	34.27 0.17 -27.00	35.92 0.54 -12.51	29.35 0.69 -3.15	28.79 0.66 -3.59	38.68 0.65 -10.32	39.72 0.48 -19.87	43.49 0.48 -23.26	40.73 0.66 -11.90	122.60 -0.22 -132.14	62.00 1.31 -1.52	45.07 0.77 -11.85	62.25 -0.09 -66.37	52.33 -0.03 -53.60	42.71 0.12 -36.53	31.76 0.33 -16.42
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	3.84 0.00 -10.96	5.16 0.02 -9.30	4.07 0.08 -10.42	3.57 0.08 -10.41	3.90 0.07 -10.52	3.33 0.01 -9.91	14.87 -0.12 -2.07	22.14 -0.07 3.96	11.90 0.00 2.40	10.61 -0.04 -3.55	16.76 -0.02 6.08	25.23 -0.04 0.23	18.99 0.00 5.55	24.30 0.15 3.57	21.39 0.02 -2.01	12.70 0.02 7.07	15.75 -0.06 12.36	14.87 0.08 -24.11	45.23 -0.24 13.69	31.44 -0.16 0.85	9.14 0.02 -13.15	9.38 0.01 -10.62	13.40 0.09 -7.24	18.60 0.34 -3.25
PAWLING_115_KV_BK3_REV_LBMP_H 345028	32.99 -0.38 -40.50	29.99 -0.21 -34.36	31.74 -0.31 -38.48	31.20 -0.33 -38.46	31.83 -0.32 -38.84	29.68 -0.34 -36.61	28.25 0.75 -14.58	38.58 1.50 -10.91	33.02 0.81 -17.92	29.24 0.43 -21.71	34.09 1.45 -9.78	29.61 1.60 -2.51	28.76 1.55 -2.67	37.61 1.77 -8.12	36.55 1.23 -15.94	39.33 1.25 -18.33	39.09 1.86 -9.07	96.50 -0.61 -106.44	63.72 3.83 -0.73	43.97 2.09 -9.43	49.21 -0.26 -53.49	41.88 -0.08 -43.20	35.88 0.37 -29.44	29.09 0.85 -13.24
PEEKSKILL____ 23653	32.18 -0.31 -39.62	29.28 -0.17 -33.62	30.97 -0.25 -37.65	30.44 -0.26 -37.63	31.06 -0.26 -38.00	28.95 -0.27 -35.82	27.73 0.60 -14.20	37.75 1.20 -10.38	32.22 0.65 -17.27	28.65 0.35 -21.20	33.60 1.21 -9.54	29.26 1.31 -2.45	28.43 1.29 -2.59	37.09 1.46 -7.92	35.95 1.02 -15.57	38.64 1.01 -17.88	38.48 1.49 -8.83	94.09 -0.49 -103.91	62.80 2.95 -0.69	43.29 1.63 -9.21	48.00 -0.21 -52.22	40.87 -0.07 -42.18	35.11 0.30 -28.74	28.61 0.69 -12.92
PGE MADISON__WINDPWR 24146	8.80 -0.49 -16.42	9.51 -0.25 -13.93	8.81 -0.37 -15.60	8.29 -0.37 -15.59	8.60 -0.46 -15.75	7.73 -0.53 -14.84	19.86 1.03 -5.91	31.74 1.73 -3.84	21.28 0.82 -6.17	15.45 0.44 -7.90	27.16 1.63 -2.67	28.17 1.80 -0.87	27.00 2.25 -0.20	32.67 2.54 -2.42	26.94 1.60 -5.97	26.88 1.54 -5.59	32.15 2.42 -1.56	30.98 -0.99 -41.30	64.19 6.62 1.60	39.16 3.45 -3.26	16.49 -0.39 -20.90	15.52 -0.12 -16.88	17.99 0.43 -11.50	21.17 1.00 -5.17
PIERCEFIELD__HYD 23852	-4.28 0.64 -2.22	-1.95 0.34 -1.88	-3.82 0.51 -2.11	-4.34 0.48 -2.11	-4.08 0.49 -2.13	-4.04 0.54 -2.00	11.77 -1.08 0.07	19.92 -2.57 3.68	10.16 -1.48 2.66	36.61 -0.69 -30.20	66.96 -2.33 -46.43	22.97 -2.66 -0.13	32.13 -2.74 -10.32	25.02 -3.11 -0.41	18.11 -2.05 -0.79	18.31 -2.36 -0.93	25.41 -3.23 -0.47	19.10 1.10 -27.33	55.56 -4.23 -0.63	30.94 -1.99 -0.47	-1.12 0.25 -2.65	0.99 0.09 -2.14	7.30 -0.22 -1.46	15.15 -0.50 -0.65
PINELAWN_CC_I 323563	32.38 -0.47 -39.98	29.50 -0.25 -33.93	31.20 -0.36 -37.99	30.66 -0.38 -37.97	31.29 -0.37 -38.35	29.11 -0.45 -36.14	28.36 1.07 -14.36	38.70 1.94 -10.59	32.81 0.98 -17.53	29.02 0.50 -21.42	34.35 1.85 -9.64	30.20 2.23 -2.48	33.46 2.21 -6.70	38.25 2.40 -8.14	36.69 1.59 -15.73	39.51 1.68 -18.08	39.79 2.49 -9.13	94.90 -0.76 -104.98	65.31 4.83 -1.32	44.43 2.67 -9.30	48.41 -0.33 -52.76	41.27 -0.10 -42.61	35.62 0.52 -29.04	29.25 1.19 -13.06
PJM_GEN_HTP_PROXY 323702	32.53 -0.31 -39.97	29.58 -0.17 -33.92	31.30 -0.25 -37.98	30.77 -0.26 -37.96	31.39 -0.26 -38.34	29.27 -0.28 -36.13	27.91 0.65 -14.34	37.99 1.30 -10.53	32.79 0.71 -17.78	28.90 0.39 -21.41	33.84 1.34 -9.64	29.42 1.44 -2.48	28.60 1.43 -2.62	37.34 1.62 -8.00	36.21 1.12 -15.72	38.92 1.10 -18.07	38.70 1.60 -8.93	95.10 -0.52 -104.95	63.01 3.14 -0.70	43.47 1.72 -9.30	48.51 -0.22 -52.75	41.29 -0.07 -42.60	35.41 0.32 -29.03	28.77 0.72 -13.05
PJM_GEN_KEystone 24065	19.12 -0.16 -26.41	18.17 -0.08 -22.41	18.57 -0.10 -25.10	18.05 -0.11 -25.09	18.54 -0.11 -25.33	17.15 -0.14 -23.88	21.68 0.20 -8.55	29.75 0.29 -3.29	22.61 0.15 -8.16	20.34 0.12 -13.12	26.18 0.48 -2.84	27.30 0.54 -1.26	24.30 0.54 0.78	31.33 0.66 -2.95	29.17 0.40 -9.40	27.19 0.38 -7.06	28.58 0.46 0.04	57.57 -0.13 -67.02	54.61 0.52 5.07	37.47 0.26 -4.75	30.03 -0.04 -34.10	26.28 -0.02 -27.54	24.95 0.11 -18.76	23.75 0.31 -8.44
PJM_GEN_NEPTUNE_PROXY 323594	32.47 -0.38 -39.98	29.56 -0.20 -33.93	31.29 -0.27 -37.99	30.75 -0.29 -37.97	31.38 -0.28 -38.35	29.21 -0.35 -36.14	28.12 0.84 -14.36	38.24 1.50 -10.58	32.88 0.76 -17.83	28.92 0.40 -21.42	34.01 1.51 -9.64	28.49 1.88 -1.10	28.87 1.86 -2.47	37.67 1.93 -8.01	36.36 1.27 -15.73	39.16 1.33 -18.08	39.19 1.93 -9.09	95.06 -0.60 -104.98	64.20 3.85 -1.19	43.89 2.13 -9.30	48.48 -0.27 -52.76	41.29 -0.08 -42.61	35.52 0.41 -29.04	29.02 0.96 -13.05
PJM_GEN_VFT_PROXY 323633	32.56 -0.28 -39.97	29.60 -0.15 -33.92	31.34 -0.21 -37.98	30.80 -0.23 -37.96	31.43 -0.22 -38.34	29.30 -0.25 -36.14	27.75 0.57 -14.26	37.46 1.15 -10.14	32.39 0.64 -17.46	28.86 0.35 -21.41	33.70 1.20 -9.64	29.27 1.29 -2.48	28.45 1.28 -2.62	37.16 1.44 -8.00	36.10 1.01 -15.72	38.80 0.99 -18.07	38.51 1.42 -8.93	95.17 -0.46 -104.96	62.57 2.71 -0.70	43.25 1.49 -9.30	48.54 -0.19 -52.75	41.30 -0.07 -42.60	35.38 0.28 -29.03	28.68 0.62 -13.05

PLATSBRG_115KV_PMLD1 355749	-4.75 0.74 -1.64	-2.35 0.43 -1.39	-4.23 0.64 -1.56	-4.87 0.51 -1.55	-4.68 0.44 -1.57	-4.68 0.43 -1.48	11.69 -0.86 0.37	19.54 -2.40 4.23	9.52 -1.54 3.24	-8.06 -0.74 14.42	-3.33 -2.57 23.62	22.63 -2.96 -0.09	16.49 -2.85 5.21	24.79 -3.23 -0.30	17.79 -2.16 -0.59	17.94 -2.49 -0.69	25.38 -3.14 -0.35	-15.95 1.00 7.62	54.90 -4.01 0.25	31.36 -1.45 -0.35	-1.87 0.20 -1.96	0.39 0.05 -1.58	6.97 -0.18 -1.08	14.98 -0.51 -0.49
PLEASANTVLY___LBMP 24000	34.18 -0.28 -41.60	30.97 -0.15 -35.30	32.87 -0.23 -39.53	32.33 -0.25 -39.50	32.97 -0.24 -39.90	30.77 -0.25 -37.61	28.48 0.55 -15.00	38.61 1.08 -11.36	33.44 0.58 -18.57	29.81 0.32 -22.39	34.06 1.09 -10.10	29.30 1.21 -2.59	28.48 1.18 -2.76	37.41 1.30 -8.38	36.73 0.92 -16.45	39.59 0.92 -18.93	38.88 1.34 -9.38	99.99 -0.44 -109.75	62.65 2.71 -0.78	43.68 1.49 -9.73	50.95 -0.19 -55.16	43.24 -0.06 -44.55	36.69 0.26 -30.36	29.27 0.62 -13.65
PLSNTVLE_13_KV_13.8KVDIST 80602	32.76 -0.32 -40.21	29.78 -0.17 -34.12	31.52 -0.26 -38.21	30.99 -0.28 -38.19	31.61 -0.27 -38.57	29.48 -0.29 -36.35	28.02 0.64 -14.45	38.15 1.29 -10.69	32.65 0.68 -17.67	29.04 0.38 -21.56	33.85 1.28 -9.71	29.41 1.41 -2.49	28.57 1.39 -2.64	37.34 1.56 -8.06	36.29 1.09 -15.83	39.03 1.08 -18.20	38.74 1.58 -8.99	95.81 -0.52 -105.66	63.07 3.19 -0.72	43.57 1.75 -9.36	48.86 -0.22 -53.11	41.57 -0.07 -42.89	35.61 0.31 -29.23	28.87 0.73 -13.14
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	32.76 -0.32 -40.21	29.78 -0.17 -34.12	31.52 -0.26 -38.21	30.99 -0.28 -38.19	31.61 -0.27 -38.57	29.48 -0.29 -36.35	28.02 0.64 -14.45	38.15 1.29 -10.69	32.65 0.68 -17.67	29.04 0.38 -21.56	33.85 1.28 -9.71	29.41 1.41 -2.49	28.57 1.39 -2.64	37.34 1.56 -8.06	36.29 1.09 -15.83	39.03 1.08 -18.20	38.74 1.58 -8.99	95.81 -0.52 -105.66	63.07 3.19 -0.72	43.57 1.75 -9.36	48.86 -0.22 -53.11	41.57 -0.07 -42.89	35.61 0.31 -29.23	28.87 0.73 -13.14
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	33.59 -0.35 -41.07	30.49 -0.19 -34.85	32.31 -0.28 -39.02	31.77 -0.30 -39.00	32.40 -0.29 -39.39	30.23 -0.31 -37.12	28.41 0.68 -14.81	38.69 1.35 -11.17	33.30 0.73 -18.28	29.54 0.38 -22.06	34.10 1.29 -9.95	29.50 1.44 -2.56	28.68 1.42 -2.72	37.55 1.57 -8.26	36.67 1.10 -16.20	39.53 1.15 -18.63	39.08 1.69 -9.22	98.24 -0.55 -108.11	63.40 3.49 -0.75	43.94 1.90 -9.59	50.08 -0.23 -54.33	42.56 -0.08 -43.88	36.30 0.33 -29.90	29.21 0.77 -13.44
POLETTI____ 23519	32.54 -0.30 -39.97	29.59 -0.16 -33.92	31.32 -0.24 -37.98	30.78 -0.26 -37.96	31.41 -0.25 -38.34	29.28 -0.27 -36.14	27.88 0.62 -14.34	37.94 1.24 -10.52	32.44 0.67 -17.48	28.90 0.38 -21.41	33.80 1.30 -9.64	29.40 1.42 -2.48	28.58 1.42 -2.62	37.31 1.59 -8.00	36.20 1.11 -15.72	38.90 1.08 -18.07	38.65 1.56 -8.93	95.13 -0.51 -104.96	62.88 3.02 -0.70	43.41 1.66 -9.30	48.52 -0.21 -52.75	41.29 -0.07 -42.60	35.41 0.31 -29.03	28.75 0.70 -13.05
POMONA___ESR 323819	31.26 -0.32 -38.71	28.51 -0.17 -32.85	30.10 -0.26 -36.79	29.56 -0.28 -36.77	30.17 -0.27 -37.13	28.13 -0.28 -35.00	27.38 0.61 -13.85	37.36 1.21 -9.98	31.67 0.66 -16.72	28.11 0.35 -20.65	33.35 1.21 -9.28	29.20 1.31 -2.39	28.35 1.30 -2.52	36.89 1.46 -7.71	35.55 1.03 -15.16	38.17 1.01 -17.40	38.24 1.50 -8.58	91.41 -0.50 -101.24	62.80 2.98 -0.65	43.06 1.64 -8.96	46.65 -0.21 -50.88	39.78 -0.07 -41.09	34.37 0.30 -28.00	28.30 0.71 -12.59
PORT_JEFF_3 23555	32.33 -0.52 -39.98	29.49 -0.27 -33.93	31.19 -0.38 -37.99	30.65 -0.40 -37.97	31.27 -0.39 -38.35	29.08 -0.48 -36.14	28.44 1.15 -14.36	38.83 2.05 -10.60	32.87 1.03 -17.55	29.04 0.52 -21.42	34.39 1.89 -9.64	29.48 2.29 -1.69	31.12 2.30 -4.27	38.24 2.46 -8.07	36.72 1.63 -15.73	39.59 1.76 -18.08	39.90 2.62 -9.12	94.83 -0.82 -104.98	65.67 5.24 -1.28	44.67 2.92 -9.30	48.38 -0.36 -52.76	41.26 -0.11 -42.61	35.67 0.56 -29.04	29.35 1.29 -13.06
PORT_JEFF_4 23616	32.33 -0.52 -39.98	29.49 -0.27 -33.93	31.19 -0.38 -37.99	30.65 -0.40 -37.97	31.27 -0.39 -38.35	29.08 -0.48 -36.14	28.44 1.15 -14.36	38.83 2.05 -10.60	32.87 1.03 -17.55	29.04 0.52 -21.42	34.39 1.89 -9.64	29.48 2.29 -1.69	31.12 2.30 -4.27	38.24 2.46 -8.07	36.72 1.63 -15.73	39.59 1.76 -18.08	39.90 2.62 -9.12	94.83 -0.82 -104.98	65.67 5.24 -1.28	44.67 2.92 -9.30	48.38 -0.36 -52.76	41.26 -0.11 -42.61	35.67 0.56 -29.04	29.35 1.29 -13.06
PORT_JEFF_IC 23713	32.33 -0.52 -39.98	29.48 -0.28 -33.93	31.18 -0.38 -37.99	30.64 -0.40 -37.97	31.27 -0.39 -38.35	29.07 -0.49 -36.14	28.45 1.17 -14.36	38.86 2.09 -10.60	32.89 1.05 -17.55	29.04 0.53 -21.42	34.42 1.92 -9.64	29.54 2.32 -1.72	31.24 2.33 -4.37	38.28 2.49 -8.07	36.75 1.66 -15.73	39.62 1.80 -18.08	39.96 2.68 -9.12	94.81 -0.84 -104.98	65.84 5.39 -1.28	44.74 2.99 -9.30	48.37 -0.37 -52.76	41.26 -0.11 -42.61	35.68 0.57 -29.04	29.37 1.32 -13.06
PPL PILGRIM_ST_GT1 24216	32.32 -0.53 -39.98	29.48 -0.28 -33.93	31.17 -0.39 -37.99	30.64 -0.41 -37.97	31.26 -0.40 -38.35	29.07 -0.49 -36.14	28.46 1.17 -14.36	38.87 2.10 -10.60	32.90 1.06 -17.55	29.06 0.54 -21.42	34.47 1.98 -9.64	29.71 2.38 -1.84	31.64 2.38 -4.72	38.34 2.54 -8.08	36.78 1.68 -15.73	39.61 1.79 -18.08	39.94 2.66 -9.12	94.82 -0.84 -104.98	65.38 4.94 -1.28	44.59 2.83 -9.30	48.38 -0.36 -52.76	41.26 -0.11 -42.61	35.68 0.57 -29.04	29.38 1.32 -13.06
PPL PILGRIM_ST_GT2 24217	32.32 -0.53 -39.98	29.48 -0.28 -33.93	31.17 -0.39 -37.99	30.64 -0.41 -37.97	31.26 -0.40 -38.35	29.07 -0.49 -36.14	28.46 1.17 -14.36	38.87 2.10 -10.60	32.90 1.06 -17.55	29.06 0.54 -21.42	34.47 1.98 -9.64	29.71 2.38 -1.84	31.64 2.38 -4.72	38.34 2.54 -8.08	36.78 1.68 -15.73	39.61 1.79 -18.08	39.94 2.66 -9.12	94.82 -0.84 -104.98	65.38 4.94 -1.28	44.59 2.83 -9.30	48.38 -0.36 -52.76	41.26 -0.11 -42.61	35.68 0.57 -29.04	29.38 1.32 -13.06
PPL_SHRM_GT3 24213	32.30 -0.55 -39.98	29.47 -0.29 -33.93	31.16 -0.40 -37.99	30.62 -0.43 -37.97	31.24 -0.42 -38.35	29.04 -0.51 -36.14	28.52 1.24 -14.36	38.99 2.21 -10.60	32.95 1.11 -17.55	29.06 0.54 -21.42	34.45 1.95 -9.64	29.54 2.34 -1.71	31.22 2.36 -4.32	38.33 2.54 -8.07	36.79 1.70 -15.73	39.71 1.88 -18.08	40.10 2.81 -9.12	94.76 -0.90 -104.98	66.19 5.75 -1.28	44.93 3.17 -9.30	48.35 -0.39 -52.76	41.26 -0.11 -42.61	35.71 0.60 -29.04	29.44 1.38 -13.06
PPL_SHRM_GT4 24214	32.30 -0.55 -39.98	29.47 -0.29 -33.93	31.16 -0.40 -37.99	30.62 -0.43 -37.97	31.24 -0.42 -38.35	29.04 -0.51 -36.14	28.52 1.24 -14.36	38.99 2.21 -10.60	32.95 1.11 -17.55	29.06 0.54 -21.42	34.45 1.95 -9.64	29.54 2.34 -1.71	31.22 2.36 -4.32	38.33 2.54 -8.07	36.79 1.70 -15.73	39.71 1.88 -18.08	40.10 2.81 -9.12	94.76 -0.90 -104.98	66.19 5.75 -1.28	44.93 3.17 -9.30	48.35 -0.39 -52.76	41.26 -0.11 -42.61	35.71 0.60 -29.04	29.44 1.38 -13.06
PROJECT___ORANGE I 24174	0.51 -0.01 -7.65	2.32 0.00 -6.49	0.85 0.02 -7.27	0.35 0.02 -7.26	0.66 0.01 -7.33	0.32 0.00 -6.91	15.92 0.00 -3.00	29.32 0.05 -3.10	18.42 0.05 -4.09	10.83 0.02 -3.72	24.67 0.07 -1.73	26.01 0.08 -0.44	25.15 0.11 -0.49	29.28 0.14 -1.43	22.17 0.06 -2.75	23.04 0.07 -3.22	29.90 0.08 -1.65	8.93 -0.03 -18.29	59.33 -0.05 -0.21	34.02 -0.07 -1.64	5.17 0.00 -9.18	6.18 0.00 -7.42	11.11 -0.01 -5.06	17.23 -0.04 -2.27

PROJECT___ORANGE 2 24166	0.51 -0.01 -7.65	2.32 0.00 -6.49	0.85 0.02 -7.27	0.35 0.02 -7.26	0.66 0.01 -7.33	0.32 0.00 -6.91	15.92 0.00 -3.00	29.32 0.05 -3.10	18.42 0.05 -4.09	10.83 0.02 -3.72	24.67 0.07 -1.73	26.01 0.08 -0.44	25.15 0.11 -0.49	29.28 0.14 -1.43	22.17 0.06 -2.75	23.04 0.07 -3.22	29.90 0.08 -1.65	8.93 -0.03 -18.29	59.33 -0.05 -0.21	34.02 -0.07 -1.64	5.17 0.00 -9.18	6.18 0.00 -7.42	11.11 -0.01 -5.06	17.23 -0.04 -2.27
PUCKETT___SOLAR 323809	10.13 -0.20 -17.47	10.56 -0.09 -14.82	10.05 -0.11 -16.60	9.55 -0.11 -16.59	9.92 -0.14 -16.75	9.03 -0.17 -15.79	19.33 0.32 -6.09	30.51 0.53 -3.82	20.88 0.26 -6.33	15.46 0.16 -8.20	25.92 0.64 -2.42	27.07 0.72 -0.86	25.39 0.88 0.03	30.97 0.98 -2.27	26.06 0.63 -6.06	25.75 0.69 -5.31	30.20 0.97 -1.06	32.70 -0.34 -42.36	59.14 2.14 2.16	36.72 1.04 -3.23	17.33 -0.12 -21.47	16.06 -0.04 -17.34	18.04 0.16 -11.82	20.70 0.39 -5.31
PYRITES___HYD 24023	-4.44 0.54 -2.15	-2.05 0.29 -1.83	-3.95 0.43 -2.05	-4.48 0.40 -2.05	-4.23 0.40 -2.07	-4.19 0.45 -1.95	11.98 -0.82 0.13	20.30 -2.04 3.83	10.29 -1.20 2.80	36.59 -0.57 -30.06	67.16 -1.94 -46.24	23.35 -2.28 -0.12	32.43 -2.39 -10.28	25.43 -2.69 -0.40	18.38 -1.76 -0.77	18.65 -2.00 -0.90	25.90 -2.72 -0.46	18.68 0.92 -27.09	56.71 -3.08 -0.63	31.57 -1.35 -0.46	-1.28 0.16 -2.57	0.90 0.06 -2.08	7.37 -0.11 -1.42	15.40 -0.24 -0.64
QUAKERRD_115KV_BK1 80622	2.06 0.08 -9.11	3.62 0.06 -7.73	2.34 0.12 -8.65	1.85 0.13 -8.65	2.16 0.11 -8.73	1.72 0.07 -8.23	16.91 -0.22 -4.20	32.72 -0.40 -6.96	21.84 -0.21 -7.76	11.59 -0.11 -4.60	25.44 -0.36 -2.93	25.68 -0.43 -0.61	25.31 -0.46 -1.23	29.56 -0.43 -2.27	22.45 -0.38 -3.47	24.35 -0.42 -5.02	30.97 -0.66 -3.46	12.85 0.21 -21.97	58.76 -2.08 -1.68	33.52 -1.21 -2.28	7.04 0.14 -10.93	7.63 0.04 -8.82	11.90 -0.18 -6.01	17.30 -0.40 -2.70
QUENSBRY_115KV_TB8 356137	42.08 -0.45 -49.66	37.69 -0.28 -42.14	40.33 -0.43 -47.19	39.80 -0.44 -47.17	40.51 -0.44 -47.63	37.86 -0.45 -44.90	32.10 1.07 -18.10	43.07 2.28 -14.62	38.93 1.27 -23.36	35.21 0.56 -27.55	37.33 1.70 -12.77	30.62 1.90 -3.22	29.97 1.77 -3.66	40.01 1.76 -10.53	40.67 1.03 -20.28	44.45 0.96 -23.74	41.71 1.41 -12.14	125.04 -0.47 -134.83	63.69 2.98 -1.55	46.09 1.55 -12.09	63.52 -0.17 -67.72	53.40 -0.05 -54.69	43.55 0.21 -37.27	32.24 0.48 -16.75
RAMAPO___LBMP 323565	31.17 -0.30 -38.59	28.42 -0.16 -32.75	30.00 -0.24 -36.68	29.47 -0.26 -36.66	30.08 -0.25 -37.02	28.04 -0.26 -34.89	27.28 0.56 -13.79	37.18 1.12 -9.90	31.50 0.60 -16.62	28.01 0.33 -20.58	33.22 1.12 -9.24	29.09 1.21 -2.38	28.24 1.19 -2.51	36.74 1.34 -7.68	35.41 0.94 -15.11	38.02 0.93 -17.34	38.09 1.38 -8.55	91.10 -0.46 -100.89	62.51 2.71 -0.64	42.88 1.50 -8.93	46.49 -0.19 -50.71	39.64 -0.07 -40.95	34.25 0.28 -27.91	28.20 0.65 -12.54
RANKINE____ 23646	3.71 -0.01 -10.84	5.05 0.02 -9.20	3.94 0.07 -10.30	3.45 0.08 -10.30	3.78 0.06 -10.40	3.22 0.00 -9.80	14.07 -0.15 -1.30	18.54 -0.14 7.49	8.85 -0.02 5.42	10.47 -0.08 -3.45	16.36 -0.20 6.30	24.99 -0.25 0.25	18.61 -0.23 5.70	23.86 -0.14 3.72	21.04 -0.25 -1.92	12.04 -0.32 7.39	14.86 -0.58 12.72	14.65 0.20 -23.78	43.49 -1.67 14.01	30.52 -0.99 0.95	9.09 0.11 -13.01	9.30 0.03 -10.51	13.18 -0.05 -7.16	18.23 0.01 -3.22
RAVENSWOOD_GT2_1 24244	32.52 -0.32 -39.98	29.58 -0.17 -33.92	31.30 -0.25 -37.99	30.77 -0.27 -37.97	31.39 -0.26 -38.34	29.27 -0.29 -36.14	27.92 0.65 -14.34	38.01 1.31 -10.53	32.48 0.70 -17.48	28.91 0.39 -21.42	33.84 1.34 -9.64	29.44 1.46 -2.48	28.62 1.46 -2.62	37.35 1.63 -8.00	36.23 1.14 -15.72	38.94 1.12 -18.07	38.73 1.63 -8.93	95.11 -0.53 -104.97	63.05 3.19 -0.71	43.51 1.75 -9.30	48.51 -0.22 -52.75	41.29 -0.07 -42.60	35.42 0.32 -29.04	28.79 0.74 -13.05
RAVENSWOOD_GT2_2 24245	32.52 -0.32 -39.98	29.58 -0.17 -33.92	31.30 -0.25 -37.99	30.77 -0.27 -37.97	31.39 -0.26 -38.34	29.27 -0.29 -36.14	27.92 0.65 -14.34	38.01 1.31 -10.53	32.48 0.70 -17.48	28.91 0.39 -21.42	33.84 1.34 -9.64	29.44 1.46 -2.48	28.62 1.46 -2.62	37.35 1.63 -8.00	36.23 1.14 -15.72	38.94 1.12 -18.07	38.73 1.63 -8.93	95.11 -0.53 -104.97	63.05 3.19 -0.71	43.51 1.75 -9.30	48.51 -0.22 -52.75	41.29 -0.07 -42.60	35.42 0.32 -29.04	28.79 0.74 -13.05
RAVENSWOOD_GT2_3 24246	32.52 -0.33 -39.98	29.58 -0.17 -33.92	31.30 -0.26 -37.99	30.76 -0.27 -37.97	31.39 -0.27 -38.34	29.26 -0.29 -36.14	27.92 0.65 -14.34	38.02 1.32 -10.53	32.48 0.71 -17.48	28.91 0.40 -21.42	33.85 1.36 -9.64	29.45 1.48 -2.48	28.63 1.47 -2.62	37.37 1.65 -8.00	36.24 1.15 -15.72	38.95 1.14 -18.07	38.75 1.65 -8.93	95.10 -0.54 -104.97	63.09 3.22 -0.71	43.52 1.77 -9.30	48.51 -0.22 -52.75	41.29 -0.08 -42.60	35.43 0.32 -29.04	28.80 0.74 -13.05
RAVENSWOOD_GT2_4 24247	32.52 -0.33 -39.98	29.58 -0.17 -33.92	31.30 -0.26 -37.99	30.76 -0.27 -37.97	31.39 -0.27 -38.34	29.26 -0.29 -36.14	27.92 0.65 -14.34	38.02 1.32 -10.53	32.48 0.71 -17.48	28.91 0.40 -21.42	33.85 1.36 -9.64	29.45 1.48 -2.48	28.63 1.47 -2.62	37.37 1.65 -8.00	36.24 1.15 -15.72	38.95 1.14 -18.07	38.75 1.65 -8.93	95.10 -0.54 -104.97	63.09 3.22 -0.71	43.52 1.77 -9.30	48.51 -0.22 -52.75	41.29 -0.08 -42.60	35.43 0.32 -29.04	28.80 0.74 -13.05
RAVENSWOOD_GT3_1 24248	32.52 -0.32 -39.98	29.58 -0.17 -33.92	31.30 -0.25 -37.99	30.77 -0.27 -37.97	31.39 -0.26 -38.34	29.27 -0.29 -36.14	27.92 0.65 -14.34	38.01 1.31 -10.53	32.48 0.70 -17.48	28.91 0.39 -21.42	33.84 1.34 -9.64	29.44 1.47 -2.48	28.62 1.46 -2.62	37.35 1.63 -8.00	36.23 1.14 -15.72	38.94 1.12 -18.07	38.73 1.63 -8.93	95.11 -0.53 -104.97	63.06 3.20 -0.71	43.51 1.75 -9.30	48.51 -0.22 -52.75	41.29 -0.07 -42.60	35.42 0.32 -29.04	28.79 0.74 -13.05
RAVENSWOOD_GT3_2 24249	32.52 -0.32 -39.98	29.58 -0.17 -33.92	31.30 -0.25 -37.99	30.77 -0.27 -37.97	31.39 -0.26 -38.34	29.27 -0.29 -36.14	27.92 0.65 -14.34	38.01 1.31 -10.53	32.48 0.70 -17.48	28.91 0.39 -21.42	33.84 1.34 -9.64	29.44 1.47 -2.48	28.62 1.46 -2.62	37.35 1.63 -8.00	36.23 1.14 -15.72	38.94 1.12 -18.07	38.73 1.63 -8.93	95.11 -0.53 -104.97	63.06 3.20 -0.71	43.51 1.75 -9.30	48.51 -0.22 -52.75	41.29 -0.07 -42.60	35.42 0.32 -29.04	28.79 0.74 -13.05
RAVENSWOOD_GT3_3 24250	32.51 -0.33 -39.98	29.57 -0.18 -33.92	31.30 -0.26 -37.99	30.76 -0.28 -37.97	31.38 -0.27 -38.34	29.26 -0.29 -36.14	27.94 0.67 -14.34	38.05 1.35 -10.53	32.51 0.73 -17.48	28.92 0.41 -21.42	33.88 1.38 -9.64	29.49 1.51 -2.48	28.66 1.50 -2.62	37.40 1.68 -8.00	36.27 1.17 -15.72	38.97 1.16 -18.07	38.78 1.68 -8.93	95.09 -0.54 -104.97	63.16 3.30 -0.71	43.56 1.81 -9.30	48.50 -0.23 -52.75	41.29 -0.08 -42.60	35.43 0.33 -29.04	28.81 0.76 -13.05
RAVENSWOOD_GT3_4 24251	32.51 -0.33 -39.98	29.57 -0.18 -33.92	31.30 -0.26 -37.99	30.76 -0.28 -37.97	31.38 -0.27 -38.34	29.26 -0.29 -36.14	27.94 0.67 -14.34	38.05 1.35 -10.53	32.51 0.73 -17.48	28.92 0.41 -21.42	33.88 1.38 -9.64	29.49 1.51 -2.48	28.66 1.50 -2.62	37.40 1.68 -8.00	36.27 1.17 -15.72	38.97 1.16 -18.07	38.78 1.68 -8.93	95.09 -0.54 -104.97	63.16 3.30 -0.71	43.56 1.81 -9.30	48.50 -0.23 -52.75	41.29 -0.08 -42.60	35.43 0.33 -29.04	28.81 0.76 -13.05

RAVENSWOOD_GT_1 23729	32.51 -0.33 -39.98	29.57 -0.18 -33.92	31.30 -0.26 -37.99	30.76 -0.27 -37.97	31.39 -0.26 -38.34	29.26 -0.29 -36.14	27.91 0.66 -14.32	37.95 1.36 -10.43	32.43 0.73 -17.40	28.92 0.41 -21.42	33.89 1.39 -9.64	29.49 1.52 -2.48	28.68 1.51 -2.62	37.40 1.68 -8.00	36.28 1.19 -15.72	38.98 1.16 -18.07	38.79 1.69 -8.93	95.09 -0.55 -104.97	63.17 3.30 -0.71	43.57 1.81 -9.30	48.50 -0.23 -52.75	41.29 -0.08 -42.60	35.43 0.33 -29.04	28.82 0.76 -13.05
RAVENSWOOD_GT_10 24258	32.52 -0.32 -39.98	29.58 -0.17 -33.92	31.30 -0.25 -37.99	30.77 -0.27 -37.97	31.39 -0.26 -38.34	29.27 -0.29 -36.14	27.92 0.65 -14.34	38.00 1.31 -10.52	32.47 0.70 -17.47	28.91 0.39 -21.42	33.84 1.34 -9.64	29.44 1.47 -2.48	28.62 1.46 -2.62	37.35 1.63 -8.00	36.23 1.14 -15.72	38.94 1.12 -18.07	38.73 1.63 -8.93	95.11 -0.53 -104.97	63.06 3.20 -0.71	43.51 1.75 -9.30	48.51 -0.22 -52.75	41.29 -0.07 -42.60	35.42 0.32 -29.04	28.79 0.74 -13.05
RAVENSWOOD_GT_11 24259	32.52 -0.32 -39.98	29.58 -0.17 -33.92	31.30 -0.25 -37.99	30.77 -0.27 -37.97	31.39 -0.26 -38.34	29.27 -0.29 -36.14	27.92 0.65 -14.34	38.00 1.31 -10.52	32.47 0.70 -17.47	28.91 0.39 -21.42	33.84 1.34 -9.64	29.44 1.47 -2.48	28.62 1.46 -2.62	37.35 1.63 -8.00	36.23 1.14 -15.72	38.94 1.12 -18.07	38.73 1.63 -8.93	95.11 -0.53 -104.97	63.06 3.20 -0.71	43.51 1.75 -9.30	48.51 -0.22 -52.75	41.29 -0.07 -42.60	35.42 0.32 -29.04	28.79 0.74 -13.05
RAVENSWOOD_GT_4 24252	32.52 -0.33 -39.98	29.58 -0.17 -33.92	31.30 -0.26 -37.99	30.76 -0.27 -37.97	31.39 -0.27 -38.34	29.26 -0.29 -36.14	27.94 0.66 -14.35	38.07 1.31 -10.59	32.53 0.70 -17.54	28.91 0.39 -21.42	33.84 1.34 -9.64	29.45 1.47 -2.48	28.62 1.46 -2.62	37.35 1.63 -8.00	36.23 1.14 -15.72	38.94 1.12 -18.07	38.73 1.63 -8.93	95.11 -0.53 -104.97	63.06 3.20 -0.71	43.51 1.76 -9.30	48.51 -0.22 -52.75	41.29 -0.07 -42.60	35.43 0.32 -29.04	28.79 0.74 -13.05
RAVENSWOOD_GT_5 24254	32.52 -0.33 -39.98	29.58 -0.17 -33.92	31.30 -0.26 -37.99	30.76 -0.27 -37.97	31.39 -0.27 -38.34	29.26 -0.29 -36.14	27.94 0.66 -14.35	38.07 1.31 -10.59	32.53 0.70 -17.54	28.91 0.39 -21.42	33.84 1.34 -9.64	29.45 1.47 -2.48	28.62 1.46 -2.62	37.35 1.63 -8.00	36.23 1.14 -15.72	38.94 1.12 -18.07	38.73 1.63 -8.93	95.11 -0.53 -104.97	63.06 3.20 -0.71	43.51 1.76 -9.30	48.51 -0.22 -52.75	41.29 -0.07 -42.60	35.43 0.32 -29.04	28.79 0.74 -13.05
RAVENSWOOD_GT_6 24253	32.52 -0.33 -39.98	29.58 -0.17 -33.92	31.30 -0.26 -37.99	30.76 -0.27 -37.97	31.39 -0.27 -38.34	29.26 -0.29 -36.14	27.94 0.66 -14.35	38.07 1.31 -10.59	32.53 0.70 -17.54	28.91 0.39 -21.42	33.84 1.34 -9.64	29.45 1.47 -2.48	28.62 1.46 -2.62	37.35 1.63 -8.00	36.23 1.14 -15.72	38.94 1.12 -18.07	38.73 1.63 -8.93	95.11 -0.53 -104.97	63.06 3.20 -0.71	43.51 1.76 -9.30	48.51 -0.22 -52.75	41.29 -0.07 -42.60	35.43 0.32 -29.04	28.79 0.74 -13.05
RAVENSWOOD_GT_7 24255	32.52 -0.33 -39.98	29.58 -0.17 -33.92	31.30 -0.26 -37.99	30.76 -0.27 -37.97	31.39 -0.27 -38.34	29.26 -0.29 -36.14	27.94 0.66 -14.35	38.07 1.31 -10.59	32.53 0.70 -17.54	28.91 0.39 -21.42	33.84 1.34 -9.64	29.45 1.47 -2.48	28.62 1.46 -2.62	37.35 1.63 -8.00	36.23 1.14 -15.72	38.94 1.12 -18.07	38.73 1.63 -8.93	95.11 -0.53 -104.97	63.06 3.20 -0.71	43.51 1.76 -9.30	48.51 -0.22 -52.75	41.29 -0.07 -42.60	35.43 0.32 -29.04	28.79 0.74 -13.05
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	32.52 -0.32 -39.98	29.58 -0.17 -33.92	31.30 -0.25 -37.99	30.77 -0.27 -37.97	31.39 -0.26 -38.34	29.27 -0.29 -36.14	27.92 0.65 -14.34	38.00 1.31 -10.52	32.47 0.70 -17.47	28.91 0.39 -21.42	33.84 1.34 -9.64	29.44 1.47 -2.48	28.62 1.46 -2.62	37.35 1.63 -8.00	36.23 1.14 -15.72	38.94 1.12 -18.07	38.73 1.63 -8.93	95.11 -0.53 -104.97	63.06 3.20 -0.71	43.51 1.75 -9.30	48.51 -0.22 -52.75	41.29 -0.07 -42.60	35.42 0.32 -29.04	28.79 0.74 -13.05
RAVENSWOOD_GT_9 24257	32.52 -0.32 -39.98	29.58 -0.17 -33.92	31.30 -0.25 -37.99	30.77 -0.27 -37.97	31.39 -0.26 -38.34	29.27 -0.29 -36.14	27.92 0.65 -14.34	38.00 1.31 -10.52	32.47 0.70 -17.47	28.91 0.39 -21.42	33.84 1.34 -9.64	29.44 1.47 -2.48	28.62 1.46 -2.62	37.35 1.63 -8.00	36.23 1.14 -15.72	38.94 1.12 -18.07	38.73 1.63 -8.93	95.11 -0.53 -104.97	63.06 3.20 -0.71	43.51 1.75 -9.30	48.51 -0.22 -52.75	41.29 -0.07 -42.60	35.42 0.32 -29.04	28.79 0.74 -13.05
RAVENSWOOD___1 23533	32.52 -0.32 -39.98	29.58 -0.17 -33.92	31.31 -0.25 -37.99	30.78 -0.26 -37.97	31.40 -0.25 -38.34	29.27 -0.28 -36.14	27.90 0.65 -14.32	37.92 1.31 -10.44	32.44 0.73 -17.41	28.91 0.39 -21.42	33.85 1.35 -9.64	29.44 1.47 -2.48	28.62 1.46 -2.62	37.35 1.62 -8.00	36.24 1.15 -15.72	38.93 1.11 -18.07	38.73 1.63 -8.93	95.11 -0.53 -104.97	63.06 3.20 -0.71	43.51 1.75 -9.30	48.51 -0.22 -52.75	41.29 -0.07 -42.60	35.42 0.32 -29.04	28.79 0.74 -13.05
RAVENSWOOD___2 23534	32.52 -0.32 -39.98	29.58 -0.17 -33.92	31.31 -0.25 -37.99	30.78 -0.26 -37.97	31.40 -0.25 -38.34	29.27 -0.28 -36.14	27.90 0.65 -14.32	37.92 1.31 -10.44	32.44 0.73 -17.41	28.91 0.39 -21.42	33.85 1.35 -9.64	29.44 1.47 -2.48	28.62 1.46 -2.62	37.35 1.62 -8.00	36.24 1.15 -15.72	38.93 1.11 -18.07	38.73 1.63 -8.93	95.11 -0.53 -104.97	63.06 3.20 -0.71	43.51 1.75 -9.30	48.51 -0.22 -52.75	41.29 -0.07 -42.60	35.42 0.32 -29.04	28.79 0.74 -13.05
RAVENSWOOD___3 23535	32.52 -0.32 -39.98	29.58 -0.17 -33.92	31.30 -0.25 -37.99	30.77 -0.27 -37.97	31.39 -0.26 -38.34	29.27 -0.29 -36.14	27.92 0.66 -14.34	38.01 1.31 -10.53	32.50 0.72 -17.48	28.91 0.39 -21.42	33.85 1.35 -9.64	29.44 1.47 -2.48	28.62 1.46 -2.62	37.35 1.63 -8.00	36.23 1.14 -15.72	38.94 1.12 -18.07	38.73 1.63 -8.93	95.10 -0.53 -104.97	63.06 3.20 -0.71	43.51 1.75 -9.30	48.51 -0.22 -52.75	41.29 -0.07 -42.60	35.42 0.32 -29.04	28.79 0.74 -13.05
RAVENSWOOD___4 23820	32.52 -0.32 -39.98	29.58 -0.17 -33.92	31.31 -0.25 -37.99	30.78 -0.26 -37.97	31.40 -0.25 -38.34	29.27 -0.28 -36.14	27.90 0.65 -14.32	37.92 1.31 -10.44	32.44 0.73 -17.41	28.91 0.39 -21.42	33.85 1.35 -9.64	29.44 1.47 -2.48	28.62 1.46 -2.62	37.35 1.62 -8.00	36.24 1.15 -15.72	38.93 1.11 -18.07	38.73 1.63 -8.93	95.11 -0.53 -104.97	63.06 3.20 -0.71	43.51 1.75 -9.30	48.51 -0.22 -52.75	41.29 -0.07 -42.60	35.42 0.32 -29.04	28.79 0.74 -13.05
RCPI_TRUST___DRP 24196	32.52 -0.33 -39.97	29.58 -0.17 -33.92	31.29 -0.26 -37.98	30.76 -0.27 -37.96	31.38 -0.27 -38.34	29.25 -0.29 -36.13	27.93 0.67 -14.34	38.04 1.35 -10.52	32.49 0.72 -17.47	28.92 0.41 -21.41	33.88 1.38 -9.64	29.49 1.51 -2.48	28.67 1.50 -2.62	37.41 1.69 -8.00	36.27 1.18 -15.72	38.98 1.16 -18.07	38.78 1.68 -8.93	95.08 -0.54 -104.95	63.15 3.28 -0.70	43.54 1.79 -9.30	48.50 -0.23 -52.75	41.28 -0.08 -42.60	35.42 0.33 -29.03	28.80 0.74 -13.05
RED___ROCHESTER 323720	2.00 -0.13 -9.26	3.62 -0.07 -7.86	2.31 -0.06 -8.80	1.80 -0.07 -8.79	2.12 -0.07 -8.88	1.66 -0.13 -8.37	17.33 0.16 -4.25	33.29 0.30 -6.82	22.09 0.15 -7.65	11.85 0.11 -4.64	26.02 0.31 -2.85	26.41 0.31 -0.60	25.95 0.26 -1.15	30.35 0.41 -2.22	23.03 0.17 -3.49	24.82 0.15 -4.92	31.58 0.13 -3.29	12.90 -0.07 -22.30	60.13 -0.52 -1.49	34.36 -0.36 -2.26	7.12 0.03 -11.11	7.74 0.01 -8.97	12.17 -0.01 -6.11	17.78 0.03 -2.75

REGAN___SOLAR 323812	49.96 -0.48 -57.57	44.41 -0.28 -48.85	47.86 -0.42 -54.71	47.29 -0.46 -54.68	48.08 -0.45 -55.22	45.00 -0.46 -52.05	34.99 1.00 -21.06	45.80 2.38 -17.25	42.70 1.26 -27.14	39.26 0.59 -31.57	38.72 1.48 -14.38	29.83 0.66 -3.67	29.14 0.60 -3.99	41.37 1.75 -11.91	44.08 1.50 -23.21	48.32 1.70 -26.87	44.22 2.60 -13.46	144.57 -0.84 -154.73	66.10 5.62 -1.32	49.15 2.92 -13.77	73.37 -0.35 -77.75	61.45 -0.10 -62.79	49.35 0.49 -42.79	35.36 1.12 -19.24
RENSSELAER___COGEN 23796	40.95 -0.08 -48.15	36.64 -0.05 -40.86	39.24 -0.08 -45.76	38.72 -0.09 -45.73	39.41 -0.09 -46.19	36.88 -0.06 -43.53	30.72 0.22 -17.57	40.88 0.41 -14.29	37.30 0.23 -22.77	33.98 0.12 -26.76	35.66 0.39 -12.40	29.16 0.53 -3.13	28.59 0.49 -3.55	38.40 0.45 -10.23	39.41 0.34 -19.69	43.14 0.33 -23.06	40.41 0.45 -11.80	121.53 -0.15 -131.01	61.56 0.89 -1.51	44.74 0.54 -11.74	61.71 -0.06 -65.80	51.88 -0.02 -53.14	42.37 0.09 -36.21	31.53 0.25 -16.28
REPUBLIC_115KV_BARTNBRK 55605	41.99 -0.52 -49.64	37.61 -0.34 -42.12	40.25 -0.49 -47.17	39.69 -0.53 -47.14	40.40 -0.52 -47.61	37.70 -0.59 -44.87	32.40 1.43 -18.05	43.68 3.08 -14.43	39.21 1.73 -23.19	35.42 0.78 -27.54	37.99 2.37 -12.76	31.36 2.65 -3.22	30.88 2.68 -3.66	41.07 2.82 -10.53	41.40 1.76 -20.26	45.23 1.76 -23.73	42.92 2.62 -12.14	124.59 -0.85 -134.77	66.21 5.50 -1.55	47.40 2.86 -12.08	63.35 -0.31 -67.69	53.33 -0.09 -54.66	43.72 0.40 -37.25	32.70 0.95 -16.75
REVERE_CPPR_DRP 24186	-3.04 -0.13 -4.22	-0.67 -0.09 -3.58	-2.55 -0.14 -4.01	-3.07 -0.15 -4.01	-2.77 -0.13 -4.05	-2.90 -0.13 -3.82	14.75 0.29 -1.54	28.00 0.65 -1.18	16.51 0.41 -1.81	11.46 0.14 -4.22	27.69 0.46 -4.38	26.23 0.48 -0.24	26.19 0.62 -1.03	29.25 0.74 -0.79	21.37 0.49 -1.52	22.09 0.57 -1.78	30.02 0.94 -0.91	2.10 -0.30 -11.73	61.77 2.45 -0.16	34.56 1.20 -0.90	0.93 -0.12 -5.07	2.82 -0.03 -4.09	9.01 0.16 -2.79	16.63 0.37 -1.25
REYNOLDS_115KV_TB3 80639	40.96 -0.13 -48.22	36.67 -0.08 -40.92	39.26 -0.13 -45.82	38.72 -0.15 -45.80	39.42 -0.14 -46.25	36.90 -0.11 -43.59	30.82 0.30 -17.59	41.04 0.57 -14.29	37.38 0.31 -22.78	34.05 0.16 -26.78	35.81 0.54 -12.41	29.29 0.66 -3.13	28.73 0.63 -3.56	38.61 0.65 -10.24	39.55 0.48 -19.71	43.29 0.47 -23.08	40.61 0.64 -11.80	121.53 -0.23 -131.08	61.96 1.29 -1.51	44.97 0.76 -11.75	61.72 -0.09 -65.83	51.90 -0.03 -53.17	42.44 0.14 -36.23	31.65 0.36 -16.29
RIVERBAY____ 323610	32.53 -0.31 -39.98	29.56 -0.19 -33.92	31.29 -0.27 -37.99	30.74 -0.30 -37.97	31.38 -0.28 -38.34	29.24 -0.31 -36.14	28.02 0.75 -14.34	38.16 1.46 -10.53	32.56 0.78 -17.48	28.93 0.41 -21.42	33.90 1.40 -9.64	29.50 1.52 -2.48	28.75 1.58 -2.62	37.42 1.70 -8.00	36.33 1.24 -15.72	38.93 1.12 -18.07	38.78 1.68 -8.93	95.08 -0.56 -104.97	63.45 3.58 -0.71	43.66 1.91 -9.30	48.48 -0.25 -52.75	41.28 -0.08 -42.60	35.45 0.35 -29.04	28.89 0.83 -13.05
RIVERSDE_115KV_TB3 55908	41.09 -0.11 -48.33	36.78 -0.07 -41.01	39.38 -0.11 -45.93	38.85 -0.12 -45.90	39.55 -0.11 -46.36	37.01 -0.09 -43.69	30.84 0.28 -17.63	41.03 0.52 -14.34	37.42 0.28 -22.85	34.11 0.15 -26.85	35.79 0.49 -12.44	29.26 0.63 -3.14	28.70 0.59 -3.57	38.57 0.58 -10.27	39.57 0.44 -19.76	43.31 0.43 -23.14	40.59 0.59 -11.83	121.89 -0.20 -131.41	61.85 1.17 -1.51	44.93 0.70 -11.78	61.89 -0.08 -66.00	52.04 -0.03 -53.30	42.51 0.12 -36.33	31.65 0.32 -16.33
ROARING___BROOK_WT_PWR 323790	-5.68 0.42 -1.03	-3.07 0.22 -0.88	-5.17 0.28 -0.98	-5.65 0.29 -0.98	-5.39 0.30 -0.99	-5.29 0.37 -0.93	12.01 0.37 0.13	22.53 -0.78 2.18	11.85 -0.81 1.63	2.42 -0.47 4.21	14.06 -1.62 7.18	23.88 -1.68 -0.06	21.21 -1.76 1.58	25.92 -1.99 -0.19	18.49 -1.25 -0.37	18.94 -1.24 -0.43	26.64 -1.75 -0.22	-9.73 0.71 1.11	56.61 -2.49 0.06	31.48 -1.19 -0.22	-2.61 0.19 -1.23	-0.17 0.08 -0.99	6.52 -0.23 -0.68	14.85 -0.45 -0.30
ROCHESRG_115KV_T4 355643	2.03 -0.06 -9.23	3.63 -0.03 -7.83	2.33 -0.01 -8.77	1.83 -0.01 -8.76	2.14 -0.02 -8.85	1.69 -0.06 -8.34	17.30 0.02 -4.35	33.62 0.14 -7.31	22.48 0.10 -8.08	11.80 0.01 -4.68	26.01 0.06 -3.10	26.15 0.02 -0.63	25.85 -0.03 -1.34	30.18 0.07 -2.38	22.84 -0.07 -3.54	24.89 -0.11 -5.26	31.63 -0.25 -3.72	13.03 0.07 -22.28	59.72 -1.34 -1.90	34.00 -0.80 -2.35	7.13 0.09 -11.07	7.72 0.03 -8.94	12.08 -0.08 -6.09	17.61 -0.13 -2.74
ROCHESTER_9_IC 23652	2.02 -0.10 -9.26	3.64 -0.05 -7.86	2.33 -0.04 -8.80	1.82 -0.04 -8.79	2.14 -0.05 -8.88	1.68 -0.10 -8.37	17.27 0.10 -4.25	33.32 0.33 -6.82	22.14 0.20 -7.65	11.82 0.07 -4.64	25.92 0.22 -2.85	26.29 0.19 -0.60	25.83 0.14 -1.15	30.21 0.27 -2.22	22.93 0.07 -3.49	24.70 0.03 -4.92	31.41 -0.04 -3.29	12.97 0.00 -22.30	59.75 -0.90 -1.48	34.16 -0.56 -2.26	7.14 0.06 -11.11	7.75 0.02 -8.97	12.14 -0.04 -6.11	17.71 -0.04 -2.75
ROCKVIEW_13_KV_LD 356306	32.49 -0.35 -39.97	29.57 -0.19 -33.92	31.28 -0.27 -37.99	30.74 -0.30 -37.97	31.37 -0.29 -38.34	29.24 -0.31 -36.14	27.95 0.68 -14.34	38.07 1.37 -10.54	32.52 0.74 -17.49	28.92 0.40 -21.41	33.87 1.37 -9.64	29.48 1.51 -2.48	28.65 1.48 -2.62	37.39 1.67 -8.00	36.26 1.17 -15.72	38.98 1.16 -18.07	38.79 1.70 -8.93	95.08 -0.56 -104.96	63.28 3.41 -0.71	43.62 1.87 -9.30	48.49 -0.23 -52.75	41.29 -0.08 -42.60	35.44 0.34 -29.04	28.83 0.78 -13.05
ROME____115KV_TB2 80656	-3.04 -0.13 -4.22	-0.67 -0.09 -3.58	-2.55 -0.14 -4.01	-3.07 -0.15 -4.01	-2.77 -0.13 -4.05	-2.90 -0.13 -3.82	14.75 0.29 -1.54	28.00 0.65 -1.18	16.51 0.41 -1.81	11.46 0.14 -4.22	27.69 0.46 -4.38	26.23 0.48 -0.24	26.19 0.62 -1.03	29.25 0.74 -0.79	21.37 0.49 -1.52	22.09 0.57 -1.78	30.02 0.94 -0.91	2.10 -0.30 -11.73	61.77 2.45 -0.16	34.56 1.20 -0.90	0.93 -0.12 -5.07	2.82 -0.03 -4.09	9.01 0.16 -2.79	16.63 0.37 -1.25
ROSETON___1 23587	32.19 -0.28 -39.60	29.28 -0.15 -33.60	30.98 -0.23 -37.63	30.44 -0.24 -37.61	31.06 -0.23 -37.98	28.96 -0.25 -35.80	27.71 0.55 -14.24	37.83 1.08 -10.59	32.32 0.58 -17.44	28.61 0.32 -21.19	33.48 1.08 -9.53	29.15 1.20 -2.45	28.30 1.16 -2.59	36.94 1.31 -7.91	35.84 0.91 -15.56	38.53 0.91 -17.88	38.32 1.33 -8.82	94.10 -0.44 -103.86	62.53 2.68 -0.69	43.13 1.47 -9.20	47.99 -0.19 -52.20	40.85 -0.06 -42.15	35.06 0.26 -28.73	28.53 0.62 -12.91
ROSETON___2 23588	32.19 -0.28 -39.60	29.28 -0.15 -33.60	30.98 -0.23 -37.63	30.44 -0.24 -37.61	31.06 -0.23 -37.98	28.96 -0.25 -35.80	27.71 0.55 -14.24	37.83 1.08 -10.59	32.32 0.58 -17.44	28.61 0.32 -21.19	33.48 1.08 -9.53	29.15 1.20 -2.45	28.30 1.16 -2.59	36.94 1.31 -7.91	35.84 0.91 -15.56	38.53 0.91 -17.88	38.32 1.33 -8.82	94.10 -0.44 -103.86	62.53 2.68 -0.69	43.13 1.47 -9.20	47.99 -0.19 -52.20	40.85 -0.06 -42.15	35.06 0.26 -28.73	28.53 0.62 -12.91
ROTTDRAM_115KV_TB3 80664	42.82 -0.24 -50.19	38.28 -0.14 -42.59	41.04 -0.22 -47.69	40.51 -0.24 -47.67	41.23 -0.23 -48.14	38.57 -0.22 -45.37	31.75 0.49 -18.33	42.14 1.00 -14.97	38.60 0.54 -23.77	35.21 0.27 -27.84	36.61 0.84 -12.91	29.66 0.91 -3.25	29.08 0.84 -3.70	39.32 0.96 -10.64	40.53 0.67 -20.49	44.43 0.69 -23.99	41.43 0.99 -12.27	126.61 -0.33 -136.27	62.78 2.05 -1.57	45.80 1.13 -12.21	64.28 -0.14 -68.44	53.99 -0.04 -55.27	43.92 0.19 -37.67	32.39 0.46 -16.93

RUSSELL___1 23602	2.00 -0.13 -9.26	3.62 -0.07 -7.86	2.31 -0.06 -8.80	1.80 -0.07 -8.79	2.12 -0.08 -8.88	1.66 -0.13 -8.37	17.33 0.16 -4.25	33.46 0.47 -6.82	22.21 0.27 -7.65	11.85 0.10 -4.64	26.05 0.34 -2.85	26.41 0.31 -0.60	25.95 0.25 -1.15	30.36 0.42 -2.22	23.03 0.17 -3.49	24.81 0.14 -4.92	31.58 0.13 -3.29	12.91 -0.06 -22.30	60.12 -0.53 -1.49	34.36 -0.36 -2.26	7.12 0.03 -11.11	7.74 0.01 -8.97	12.17 -0.01 -6.11	17.78 0.03 -2.75
RUSSELL___2 23532	2.00 -0.13 -9.26	3.62 -0.07 -7.86	2.31 -0.06 -8.80	1.80 -0.07 -8.79	2.12 -0.08 -8.88	1.66 -0.13 -8.37	17.33 0.16 -4.25	33.46 0.47 -6.82	22.21 0.27 -7.65	11.85 0.10 -4.64	26.05 0.34 -2.85	26.41 0.31 -0.60	25.95 0.25 -1.15	30.36 0.42 -2.22	23.03 0.17 -3.49	24.81 0.14 -4.92	31.58 0.13 -3.29	12.91 -0.06 -22.30	60.12 -0.53 -1.49	34.36 -0.36 -2.26	7.12 0.03 -11.11	7.74 0.01 -8.97	12.17 -0.01 -6.11	17.78 0.03 -2.75
RUSSELL___3 23549	2.00 -0.13 -9.26	3.62 -0.07 -7.86	2.31 -0.06 -8.80	1.80 -0.07 -8.79	2.12 -0.08 -8.88	1.66 -0.13 -8.37	17.33 0.16 -4.25	33.46 0.47 -6.82	22.21 0.27 -7.65	11.85 0.10 -4.64	26.05 0.34 -2.85	26.41 0.31 -0.60	25.95 0.25 -1.15	30.36 0.42 -2.22	23.03 0.17 -3.49	24.81 0.14 -4.92	31.58 0.13 -3.29	12.91 -0.06 -22.30	60.12 -0.53 -1.49	34.36 -0.36 -2.26	7.12 0.03 -11.11	7.74 0.01 -8.97	12.17 -0.01 -6.11	17.78 0.03 -2.75
RUSSELL___4 23556	2.00 -0.13 -9.26	3.62 -0.07 -7.86	2.31 -0.06 -8.80	1.80 -0.07 -8.79	2.12 -0.08 -8.88	1.66 -0.13 -8.37	17.33 0.16 -4.25	33.46 0.47 -6.82	22.21 0.27 -7.65	11.85 0.10 -4.64	26.05 0.34 -2.85	26.41 0.31 -0.60	25.95 0.25 -1.15	30.36 0.42 -2.22	23.03 0.17 -3.49	24.81 0.14 -4.92	31.58 0.13 -3.29	12.91 -0.06 -22.30	60.12 -0.53 -1.49	34.36 -0.36 -2.26	7.12 0.03 -11.11	7.74 0.01 -8.97	12.17 -0.01 -6.11	17.78 0.03 -2.75
RUSSELL___STATION 23914	2.00 -0.13 -9.26	3.62 -0.07 -7.86	2.31 -0.06 -8.80	1.80 -0.07 -8.79	2.12 -0.08 -8.88	1.66 -0.13 -8.37	17.33 0.16 -4.25	33.46 0.47 -6.82	22.21 0.27 -7.65	11.85 0.10 -4.64	26.05 0.34 -2.85	26.41 0.31 -0.60	25.95 0.25 -1.15	30.36 0.42 -2.22	23.03 0.17 -3.49	24.81 0.14 -4.92	31.58 0.13 -3.29	12.91 -0.06 -22.30	60.12 -0.53 -1.49	34.36 -0.36 -2.26	7.12 0.03 -11.11	7.74 0.01 -8.97	12.17 -0.01 -6.11	17.78 0.03 -2.75
S SALMON___HYD 24043	-0.50 0.15 -6.49	1.40 0.07 -5.50	-0.15 0.12 -6.16	-0.64 0.13 -6.16	-0.32 0.15 -6.22	-0.57 0.15 -5.86	15.09 -0.31 -2.48	27.42 -0.56 -1.81	16.80 -0.26 -2.77	13.16 -0.16 -6.22	28.62 -0.56 -6.32	25.27 -0.60 -0.37	25.49 -0.55 -1.49	28.33 -0.43 -1.21	21.27 -0.43 -2.33	22.04 -0.43 -2.72	29.09 -0.47 -1.39	8.65 0.18 -17.80	58.92 -0.48 -0.24	33.38 -0.46 -1.39	3.82 0.08 -7.77	5.06 0.03 -6.27	10.21 -0.13 -4.28	16.61 -0.31 -1.92
S.PERRY___115KV_TB1 80734	3.93 -0.21 -11.27	5.30 -0.09 -9.56	4.16 -0.12 -10.71	3.66 -0.12 -10.70	3.99 -0.13 -10.81	3.44 -0.17 -10.19	17.02 0.34 -3.75	29.08 1.02 -1.89	18.37 0.62 -3.46	12.34 0.23 -5.01	23.81 0.61 -0.34	26.44 0.52 -0.42	24.26 0.60 0.89	29.32 0.94 -0.65	23.52 0.60 -3.55	21.93 0.46 -1.73	27.33 0.54 1.37	16.90 -0.18 -26.41	56.54 0.68 3.30	34.37 0.32 -1.59	9.46 -0.04 -13.53	9.67 -0.02 -10.93	13.61 0.10 -7.45	18.60 0.25 -3.35
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	3.49 0.01 -10.61	4.85 0.02 -9.00	3.73 0.08 -10.08	3.24 0.09 -10.08	3.57 0.07 -10.18	3.02 0.02 -9.59	13.00 -0.21 -0.28	14.04 -0.29 11.84	4.93 -0.13 9.23	10.15 -0.12 -3.17	15.31 -0.37 7.18	24.71 -0.44 0.35	17.77 -0.45 6.32	23.01 -0.40 4.31	20.58 -0.45 -1.66	10.60 -0.54 8.61	13.08 -0.90 14.18	13.98 0.29 -23.02	41.20 -2.60 15.36	29.66 -1.49 1.31	8.87 0.17 -12.73	9.09 0.05 -10.28	12.93 -0.14 -7.01	17.95 -0.20 -3.15
SAWYER___23_KV_LOAD 55526	3.49 0.01 -10.61	4.85 0.02 -9.00	3.73 0.08 -10.08	3.24 0.09 -10.08	3.57 0.07 -10.18	3.02 0.02 -9.59	13.00 -0.21 -0.28	14.04 -0.29 11.84	4.93 -0.13 9.23	10.15 -0.12 -3.17	15.31 -0.37 7.18	24.71 -0.44 0.35	17.77 -0.45 6.32	23.01 -0.40 4.31	20.58 -0.45 -1.66	10.60 -0.54 8.61	13.08 -0.90 14.18	13.98 0.29 -23.02	41.20 -2.60 15.36	29.66 -1.49 1.31	8.87 0.17 -12.73	9.09 0.05 -10.28	12.93 -0.14 -7.01	17.95 -0.20 -3.15
SELKIRK___I 23801	40.76 -0.14 -48.03	36.50 -0.08 -40.75	39.08 -0.13 -45.64	38.54 -0.14 -45.61	39.24 -0.14 -46.06	36.71 -0.12 -43.42	30.75 0.29 -17.53	41.06 0.57 -14.32	37.40 0.31 -22.80	34.02 0.16 -26.76	35.79 0.53 -12.40	29.26 0.63 -3.13	28.70 0.60 -3.55	38.58 0.64 -10.23	39.51 0.46 -19.69	43.33 0.53 -23.05	40.61 0.80 -11.64	119.63 -0.26 -129.22	62.27 1.62 -1.49	44.97 0.93 -11.58	60.77 -0.11 -64.90	51.14 -0.03 -52.41	41.95 0.16 -35.72	31.48 0.42 -16.06
SELKIRK___II 23799	40.74 -0.12 -47.99	36.48 -0.07 -40.72	39.05 -0.12 -45.60	38.52 -0.13 -45.58	39.21 -0.12 -46.03	36.69 -0.11 -43.38	30.72 0.28 -17.52	40.99 0.54 -14.28	37.33 0.30 -22.74	33.97 0.16 -26.71	35.75 0.51 -12.38	29.24 0.62 -3.12	28.67 0.58 -3.55	38.52 0.59 -10.21	39.46 0.43 -19.65	43.20 0.44 -23.01	40.54 0.61 -11.77	121.16 -0.20 -130.69	61.89 1.22 -1.51	44.89 0.72 -11.72	61.53 -0.09 -65.64	51.74 -0.02 -53.01	42.31 0.12 -36.12	31.56 0.32 -16.24
SENECA OSWGO___HYD 24041	0.09 0.05 -7.17	1.95 0.04 -6.08	0.45 0.07 -6.81	-0.05 0.07 -6.81	0.25 0.07 -6.87	-0.05 0.06 -6.48	15.63 -0.12 -2.83	28.93 -0.25 -3.01	18.08 -0.13 -3.92	11.52 -0.05 -4.47	25.88 -0.16 -3.18	25.73 -0.18 -0.41	25.19 -0.16 -0.81	28.88 -0.17 -1.34	21.79 -0.15 -2.57	22.62 -0.14 -3.01	29.51 -0.19 -1.54	8.58 0.05 -17.85	58.79 -0.59 -0.22	33.62 -0.37 -1.53	4.61 0.04 -8.59	5.71 0.01 -6.94	10.72 -0.07 -4.73	16.95 -0.18 -2.13
SENECA___115KV_TB3 355854	3.69 -0.02 -10.84	5.04 0.01 -9.20	3.94 0.06 -10.30	3.44 0.07 -10.30	3.76 0.05 -10.40	3.21 -0.01 -9.80	14.10 -0.13 -1.30	18.59 -0.08 7.49	8.87 0.00 5.42	10.49 -0.07 -3.45	16.41 -0.15 6.30	25.04 -0.20 0.25	18.66 -0.18 5.70	23.91 -0.08 3.72	21.08 -0.21 -1.92	12.07 -0.28 7.39	14.92 -0.53 12.72	14.63 0.18 -23.78	43.60 -1.55 14.01	30.58 -0.93 0.95	9.08 0.10 -13.01	9.30 0.03 -10.51	13.19 -0.04 -7.16	18.25 0.04 -3.22
SENECA___ENERGY 23797	2.18 -0.03 -9.34	3.75 0.00 -7.92	2.46 0.02 -8.87	1.96 0.02 -8.87	2.27 0.00 -8.96	1.82 -0.03 -8.44	16.70 0.06 -3.71	29.22 0.39 -2.66	18.51 0.22 -3.99	11.70 0.06 -4.54	25.17 0.19 -2.12	26.26 0.22 -0.53	25.37 0.22 -0.61	29.82 0.35 -1.75	22.91 0.18 -3.36	23.85 0.16 -3.94	30.39 0.21 -2.02	12.96 -0.08 -22.37	59.54 0.11 -0.26	34.44 -0.02 -2.01	7.21 0.00 -11.23	7.83 0.00 -9.07	12.25 0.00 -6.18	17.78 0.00 -2.78
SHOEMAKER___GT 23640	29.54 -0.26 -36.93	27.03 -0.14 -31.33	28.45 -0.21 -35.09	27.92 -0.22 -35.07	28.51 -0.22 -35.42	26.56 -0.23 -33.38	26.65 0.50 -13.23	36.72 0.98 -9.58	30.77 0.52 -15.95	26.95 0.27 -19.58	32.53 0.91 -8.76	28.79 1.03 -2.26	27.88 0.97 -2.36	36.09 1.09 -7.28	34.51 0.77 -14.37	37.00 0.80 -16.46	37.46 1.21 -8.09	86.24 -0.40 -95.96	62.20 2.47 -0.57	42.29 1.35 -8.49	44.04 -0.17 -48.24	37.66 -0.06 -38.95	32.86 0.24 -26.55	27.50 0.56 -11.93

SHOEMAKR_138KV_BK 111 55601	29.33 -0.25 -36.71	26.84 -0.14 -31.15	28.25 -0.21 -34.88	27.72 -0.22 -34.87	28.31 -0.21 -35.21	26.37 -0.23 -33.19	26.56 0.49 -13.15	36.67 0.97 -9.53	30.66 0.51 -15.86	26.82 0.27 -19.45	32.48 0.92 -8.70	28.77 1.03 -2.25	27.87 0.98 -2.35	36.05 1.10 -7.23	34.42 0.78 -14.27	36.89 0.80 -16.35	37.38 1.19 -8.03	85.61 -0.39 -95.33	62.14 2.42 -0.56	42.21 1.33 -8.43	43.72 -0.17 -47.91	37.40 -0.06 -38.70	32.68 0.24 -26.37	27.42 0.56 -11.86
SHOREHAM_IC_1 23715	32.30 -0.55 -39.98	29.47 -0.29 -33.93	31.16 -0.40 -37.99	30.62 -0.43 -37.97	31.24 -0.42 -38.35	29.04 -0.51 -36.14	28.52 1.24 -14.36	38.99 2.21 -10.60	32.95 1.11 -17.55	29.06 0.54 -21.42	34.45 1.95 -9.64	29.54 2.34 -1.71	31.22 2.36 -4.32	38.33 2.54 -8.07	36.79 1.70 -15.73	39.71 1.88 -18.08	40.10 2.81 -9.12	94.76 -0.90 -104.98	66.19 5.75 -1.28	44.93 3.17 -9.30	48.35 -0.39 -52.76	41.26 -0.11 -42.61	35.71 0.60 -29.04	29.44 1.38 -13.06
SHOREHAM_IC_2 23716	32.30 -0.55 -39.98	29.47 -0.29 -33.93	31.16 -0.40 -37.99	30.62 -0.43 -37.97	31.24 -0.42 -38.35	29.04 -0.51 -36.14	28.52 1.24 -14.36	38.99 2.21 -10.60	32.95 1.11 -17.55	29.06 0.54 -21.42	34.45 1.95 -9.64	29.54 2.34 -1.71	31.22 2.36 -4.32	38.33 2.54 -8.07	36.79 1.70 -15.73	39.71 1.88 -18.08	40.10 2.81 -9.12	94.76 -0.90 -104.98	66.19 5.75 -1.28	44.93 3.17 -9.30	48.35 -0.39 -52.76	41.26 -0.11 -42.61	35.71 0.60 -29.04	29.44 1.38 -13.06
SISSONVILLE____ 23735	-4.28 0.64 -2.22	-1.95 0.34 -1.88	-3.82 0.51 -2.11	-4.34 0.48 -2.11	-4.08 0.49 -2.13	-4.04 0.54 -2.00	11.77 -1.08 0.07	19.92 -2.57 3.68	10.16 -1.48 2.66	36.61 -0.69 -30.20	66.96 -2.33 -46.43	22.97 -2.66 -0.13	32.13 -2.74 -10.32	25.02 -3.11 -0.41	18.11 -2.05 -0.79	18.31 -2.36 -0.93	25.41 -3.23 -0.47	19.10 1.10 -27.33	55.56 -4.23 -0.63	30.94 -1.99 -0.47	-1.12 0.25 -2.65	0.99 0.09 -2.14	7.30 -0.22 -1.46	15.15 -0.50 -0.65
SITHE_IND_GS1 24169	-0.72 0.14 -6.28	1.24 0.09 -5.32	-0.33 0.14 -5.96	-0.82 0.15 -5.96	-0.53 0.14 -6.02	-0.78 0.13 -5.67	15.16 -0.28 -2.52	28.48 -0.58 -2.89	17.63 -0.31 -3.64	9.99 -0.15 -3.04	23.79 -0.49 -1.42	25.31 -0.55 -0.36	24.43 -0.52 -0.41	28.30 -0.58 -1.17	21.19 -0.43 -2.25	21.95 -0.43 -2.64	28.89 -0.63 -1.35	5.83 0.19 -14.97	57.86 -1.47 -0.17	32.96 -0.84 -1.34	3.59 0.10 -7.52	4.86 0.03 -6.07	10.06 -0.15 -4.14	16.50 -0.36 -1.86
SITHE_IND_GS2 24170	-0.72 0.14 -6.28	1.24 0.09 -5.32	-0.33 0.14 -5.96	-0.82 0.15 -5.96	-0.53 0.14 -6.02	-0.78 0.13 -5.67	15.16 -0.28 -2.52	28.48 -0.58 -2.89	17.63 -0.31 -3.64	9.99 -0.15 -3.04	23.79 -0.49 -1.42	25.31 -0.55 -0.36	24.43 -0.52 -0.41	28.30 -0.58 -1.17	21.19 -0.43 -2.25	21.95 -0.43 -2.64	28.89 -0.63 -1.35	5.83 0.19 -14.97	57.86 -1.47 -0.17	32.96 -0.84 -1.34	3.59 0.10 -7.52	4.86 0.03 -6.07	10.06 -0.15 -4.14	16.50 -0.36 -1.86
SITHE_IND_GS3 24171	-0.72 0.14 -6.28	1.24 0.09 -5.32	-0.33 0.14 -5.96	-0.82 0.15 -5.96	-0.53 0.14 -6.02	-0.78 0.13 -5.67	15.16 -0.28 -2.52	28.48 -0.58 -2.89	17.63 -0.31 -3.64	9.99 -0.15 -3.04	23.79 -0.49 -1.42	25.31 -0.55 -0.36	24.43 -0.52 -0.41	28.30 -0.58 -1.17	21.19 -0.43 -2.25	21.95 -0.43 -2.64	28.89 -0.63 -1.35	5.83 0.19 -14.97	57.86 -1.47 -0.17	32.96 -0.84 -1.34	3.59 0.10 -7.52	4.86 0.03 -6.07	10.06 -0.15 -4.14	16.50 -0.36 -1.86
SITHE_IND_GS4 24172	-0.72 0.14 -6.28	1.24 0.09 -5.32	-0.33 0.14 -5.96	-0.82 0.15 -5.96	-0.53 0.14 -6.02	-0.78 0.13 -5.67	15.16 -0.28 -2.52	28.48 -0.58 -2.89	17.63 -0.31 -3.64	9.99 -0.15 -3.04	23.79 -0.49 -1.42	25.31 -0.55 -0.36	24.43 -0.52 -0.41	28.30 -0.58 -1.17	21.19 -0.43 -2.25	21.95 -0.43 -2.64	28.89 -0.63 -1.35	5.83 0.19 -14.97	57.86 -1.47 -0.17	32.96 -0.84 -1.34	3.59 0.10 -7.52	4.86 0.03 -6.07	10.06 -0.15 -4.14	16.50 -0.36 -1.86
SITHE____BATAVIA 24024	2.62 -0.17 -9.92	4.16 -0.10 -8.42	2.90 -0.10 -9.43	2.39 -0.11 -9.42	2.70 -0.13 -9.52	2.20 -0.19 -8.97	15.34 0.28 -2.14	23.64 0.53 3.06	13.27 0.26 1.29	11.12 0.17 -3.85	20.92 0.48 2.42	26.03 0.43 -0.10	22.20 0.43 2.77	27.17 0.66 1.21	22.18 0.29 -2.51	17.85 0.29 2.19	22.61 0.32 5.88	13.11 -0.14 -22.57	51.69 -0.13 7.34	32.66 -0.18 -0.39	7.88 0.01 -11.90	8.37 0.00 -9.61	12.67 0.06 -6.55	18.16 0.22 -2.95
SITHE____INDEPEND 23800	-0.72 0.14 -6.28	1.24 0.09 -5.32	-0.33 0.14 -5.96	-0.82 0.14 -5.96	-0.53 0.14 -6.02	-0.79 0.13 -5.67	15.16 -0.28 -2.52	28.50 -0.56 -2.89	17.64 -0.29 -3.64	9.99 -0.15 -3.04	23.79 -0.49 -1.42	25.31 -0.54 -0.36	24.43 -0.52 -0.41	28.31 -0.58 -1.17	21.19 -0.43 -2.25	21.95 -0.43 -2.64	28.89 -0.63 -1.35	5.84 0.20 -14.97	57.86 -1.47 -0.17	32.95 -0.84 -1.34	3.59 0.10 -7.52	4.86 0.03 -6.07	10.06 -0.14 -4.14	16.50 -0.36 -1.86
SITHE____MASSENA 23902	-4.77 0.63 -1.74	-2.35 0.34 -1.48	-4.27 0.51 -1.65	-4.80 0.48 -1.65	-4.56 0.46 -1.67	-4.51 0.50 -1.57	11.49 -0.98 0.46	19.42 -1.94 4.81	9.42 -1.17 3.70	0.70 -0.69 5.72	10.58 -2.33 9.95	22.95 -2.65 -0.10	19.59 -2.78 2.18	24.95 -3.09 -0.32	17.97 -2.02 -0.62	18.16 -2.31 -0.73	25.38 -3.16 -0.37	-9.01 1.14 0.83	54.94 -4.15 0.08	30.99 -1.83 -0.37	-1.73 0.22 -2.08	0.52 0.08 -1.68	7.02 -0.19 -1.14	15.09 -0.43 -0.52
SITHE____OGDNSBRG 24021	-4.55 0.55 -2.03	-2.15 0.29 -1.72	-4.06 0.44 -1.93	-4.59 0.41 -1.93	-4.35 0.39 -1.95	-4.31 0.44 -1.84	11.89 -0.82 0.22	19.98 -2.07 4.12	10.01 -1.22 3.06	36.30 -0.58 -29.78	66.72 -2.01 -45.87	23.24 -2.37 -0.12	32.24 -2.50 -10.19	25.31 -2.78 -0.38	18.28 -1.81 -0.73	18.55 -2.05 -0.85	25.84 -2.76 -0.44	18.24 0.93 -26.64	56.64 -3.14 -0.62	31.53 -1.36 -0.43	-1.44 0.16 -2.43	0.78 0.06 -1.96	7.30 -0.11 -1.34	15.37 -0.23 -0.60
SITHE____STERLING 23777	-2.46 -0.13 -4.81	-0.17 -0.08 -4.08	-1.99 -0.13 -4.57	-2.50 -0.14 -4.56	-2.21 -0.13 -4.61	-2.38 -0.14 -4.34	14.97 0.29 -1.76	28.14 0.63 -1.34	16.72 0.37 -2.06	10.95 0.14 -3.71	26.60 0.49 -3.25	26.28 0.51 -0.27	25.95 0.61 -0.79	29.34 0.72 -0.90	21.56 0.46 -1.73	22.28 0.51 -2.02	30.02 0.82 -1.04	2.94 -0.27 -12.53	61.27 1.95 -0.16	34.48 0.99 -1.03	1.65 -0.10 -5.77	3.39 -0.03 -4.66	9.38 0.14 -3.18	16.75 0.32 -1.43
SLEIGHT__34_KV_TB1 80719	1.93 -0.03 -9.09	3.53 -0.01 -7.71	2.22 0.01 -8.64	1.71 0.01 -8.63	2.03 0.00 -8.72	1.59 -0.04 -8.22	17.04 0.06 -4.06	32.59 0.17 -6.24	21.54 0.12 -7.12	11.70 0.05 -4.55	25.75 0.16 -2.73	26.27 0.18 -0.59	25.76 0.14 -1.08	30.07 0.21 -2.14	22.87 0.09 -3.42	24.55 0.06 -4.74	31.37 0.09 -3.11	12.53 -0.04 -21.90	60.11 -0.40 -1.35	34.35 -0.30 -2.20	6.93 0.03 -10.91	7.59 0.01 -8.81	12.04 -0.04 -6.01	17.63 -0.07 -2.70
SOUTH CAIRO____GT 23612	38.24 -0.45 -45.82	34.45 -0.26 -38.88	36.70 -0.41 -43.54	36.14 -0.45 -43.52	36.82 -0.44 -43.95	34.42 -0.42 -41.43	30.60 1.00 -16.67	41.54 2.04 -13.33	36.73 1.09 -21.35	32.81 0.54 -25.17	36.03 1.75 -11.42	30.30 1.88 -2.92	29.22 1.52 -3.15	38.78 1.59 -9.47	39.15 1.28 -18.49	42.58 1.46 -21.37	40.87 1.96 -10.75	114.22 -0.65 -124.20	64.38 4.21 -1.01	45.84 2.35 -11.04	58.11 -0.27 -62.41	49.08 -0.08 -50.40	40.78 0.36 -34.35	31.34 0.90 -15.44

SOUTH HAMPTN___IC 23720	32.20 -0.66 -39.98	29.41 -0.35 -33.93	31.07 -0.49 -37.99	30.52 -0.52 -37.97	31.15 -0.51 -38.35	28.94 -0.61 -36.14	28.72 1.44 -14.36	39.41 2.63 -10.60	33.17 1.34 -17.55	29.17 0.65 -21.42	34.78 2.28 -9.64	29.91 2.72 -1.70	31.56 2.73 -4.28	38.76 2.98 -8.07	37.09 2.00 -15.73	40.03 2.21 -18.08	40.59 3.31 -9.12	94.60 -1.06 -104.98	67.23 6.79 -1.28	45.49 3.74 -9.30	48.28 -0.46 -52.76	41.24 -0.14 -42.61	35.81 0.70 -29.04	29.66 1.60 -13.06
SOUTHDOW_115KV_TB1 355954	3.97 -0.17 -11.27	5.36 -0.04 -9.56	4.22 -0.06 -10.71	3.72 -0.06 -10.71	4.06 -0.07 -10.81	3.44 -0.16 -10.19	15.38 0.22 -2.23	23.07 0.60 3.70	12.57 0.37 2.09	11.03 0.17 -3.76	17.94 0.82 5.73	26.18 0.87 0.18	20.01 0.79 5.33	25.34 0.96 3.33	22.03 0.48 -2.18	13.58 0.40 6.57	16.80 0.44 11.82	15.48 -0.11 -24.92	46.79 0.86 13.23	32.08 0.30 0.68	9.44 -0.06 -13.52	9.66 -0.02 -10.92	13.69 0.18 -7.44	19.03 0.68 -3.35
SOUTHOLD_69_KV_BK 2 55809	32.11 -0.74 -39.98	29.36 -0.39 -33.93	31.00 -0.56 -37.99	30.45 -0.60 -37.97	31.07 -0.59 -38.35	28.87 -0.69 -36.14	28.86 1.57 -14.36	39.75 2.98 -10.60	33.35 1.51 -17.55	29.25 0.73 -21.42	35.03 2.53 -9.64	30.18 2.99 -1.70	31.82 3.00 -4.28	39.06 3.28 -8.07	37.31 2.22 -15.73	40.29 2.46 -18.08	40.99 3.71 -9.12	94.47 -1.18 -104.98	68.10 7.66 -1.28	45.96 4.20 -9.30	48.23 -0.51 -52.76	41.22 -0.15 -42.61	35.88 0.78 -29.04	29.83 1.77 -13.06
SOUTHOLD___IC 23719	32.11 -0.74 -39.98	29.36 -0.40 -33.93	31.00 -0.56 -37.99	30.45 -0.60 -37.97	31.07 -0.59 -38.35	28.87 -0.69 -36.14	28.88 1.60 -14.36	39.74 2.97 -10.60	33.35 1.52 -17.55	29.25 0.73 -21.42	35.03 2.53 -9.64	30.18 2.99 -1.70	31.84 3.01 -4.28	39.06 3.28 -8.07	37.31 2.22 -15.73	40.29 2.46 -18.08	40.99 3.71 -9.12	94.47 -1.19 -104.98	68.11 7.67 -1.28	45.96 4.20 -9.30	48.23 -0.51 -52.76	41.22 -0.15 -42.61	35.88 0.78 -29.04	29.83 1.77 -13.06
SOUTH_FORK_WT_PWR 323839	32.09 -0.76 -39.98	29.35 -0.41 -33.93	30.99 -0.58 -37.99	30.43 -0.62 -37.97	31.06 -0.60 -38.35	28.85 -0.70 -36.14	28.92 1.63 -14.36	39.81 3.04 -10.60	33.40 1.56 -17.55	29.27 0.75 -21.42	35.09 2.59 -9.64	30.24 3.05 -1.70	31.91 3.08 -4.28	39.14 3.36 -8.07	37.37 2.27 -15.73	40.34 2.52 -18.08	41.08 3.79 -9.12	94.44 -1.22 -104.98	68.30 7.86 -1.28	46.06 4.30 -9.30	48.22 -0.53 -52.76	41.22 -0.15 -42.61	35.90 0.79 -29.04	29.87 1.82 -13.06
SPIERFLS_115KV_TB 1 80737	42.16 -0.41 -49.71	37.75 -0.26 -42.18	40.40 -0.40 -47.23	39.88 -0.40 -47.21	40.58 -0.40 -47.67	37.94 -0.41 -44.93	32.00 0.95 -18.12	42.85 2.00 -14.69	38.83 1.11 -23.43	35.16 0.49 -27.57	37.10 1.46 -12.78	30.35 1.63 -3.22	29.70 1.50 -3.66	39.66 1.40 -10.54	40.42 0.76 -20.29	44.16 0.66 -23.76	41.28 0.96 -12.15	125.29 -0.33 -134.95	62.78 2.06 -1.55	45.63 1.08 -12.10	63.63 -0.12 -67.78	53.46 -0.03 -54.74	43.51 0.14 -37.30	32.08 0.31 -16.77
ST LAWRENCE___ 23600	-4.76 0.73 -1.64	-2.37 0.40 -1.39	-4.27 0.60 -1.56	-4.79 0.58 -1.56	-4.56 0.55 -1.57	-4.51 0.59 -1.48	11.24 -1.15 0.54	18.82 -2.30 5.05	9.00 -1.37 3.92	-4.30 -0.79 10.62	2.57 -2.67 17.62	22.58 -3.01 -0.09	17.52 -3.14 3.88	24.52 -3.50 -0.30	17.66 -2.29 -0.59	17.83 -2.61 -0.69	24.94 -3.58 -0.35	-12.78 1.28 4.73	53.97 -5.01 0.18	30.51 -2.30 -0.35	-1.79 0.27 -1.96	0.44 0.10 -1.58	6.87 -0.27 -1.08	14.84 -0.64 -0.49
STATE_CA_115KV_115_LB 55624	41.38 -0.12 -48.63	37.03 -0.07 -41.27	39.66 -0.12 -46.21	39.13 -0.13 -46.19	39.83 -0.12 -46.64	37.27 -0.10 -43.96	30.99 0.32 -17.75	41.20 0.58 -14.45	37.61 0.32 -23.01	34.29 0.17 -27.02	35.93 0.54 -12.52	29.36 0.70 -3.16	28.80 0.66 -3.59	38.69 0.65 -10.33	39.73 0.48 -19.88	43.51 0.48 -23.28	40.74 0.67 -11.91	122.67 -0.22 -132.22	62.01 1.32 -1.52	45.07 0.77 -11.85	62.29 -0.09 -66.40	52.36 -0.03 -53.63	42.74 0.12 -36.55	31.77 0.33 -16.43
STATE_ST_34_KV_LOAD 55959	2.02 -0.10 -9.25	3.62 -0.06 -7.85	2.28 -0.08 -8.79	1.77 -0.09 -8.78	2.09 -0.09 -8.87	1.67 -0.11 -8.36	16.80 0.22 -3.66	30.31 0.56 -3.59	19.41 0.32 -4.79	11.71 0.11 -4.50	25.40 0.44 -2.10	26.55 0.52 -0.53	25.63 0.49 -0.60	30.03 0.59 -1.73	23.02 0.32 -3.34	24.04 0.39 -3.90	30.76 0.60 -2.00	12.65 -0.21 -22.18	60.45 1.03 -0.26	34.90 0.46 -1.99	7.06 -0.06 -11.14	7.74 -0.02 -8.99	12.27 0.07 -6.13	17.96 0.20 -2.76
STATION 5_MISC_HYD 23604	2.03 -0.10 -9.26	3.64 -0.05 -7.86	2.33 -0.04 -8.80	1.82 -0.04 -8.79	2.14 -0.05 -8.88	1.68 -0.10 -8.37	17.27 0.10 -4.25	33.15 0.17 -6.82	22.02 0.08 -7.65	11.82 0.07 -4.64	25.90 0.20 -2.85	26.29 0.19 -0.60	25.83 0.14 -1.15	30.20 0.26 -2.22	22.94 0.07 -3.49	24.70 0.04 -4.92	31.41 -0.04 -3.29	12.96 -0.01 -22.30	59.76 -0.89 -1.48	34.15 -0.57 -2.26	7.14 0.05 -11.11	7.75 0.02 -8.97	12.14 -0.04 -6.11	17.71 -0.04 -2.75
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	1.95 -0.12 -9.20	3.58 -0.06 -7.81	2.25 -0.06 -8.74	1.74 -0.07 -8.74	2.06 -0.08 -8.82	1.61 -0.12 -8.32	17.18 0.25 -4.01	33.00 1.55 -5.27	21.45 0.83 -6.32	11.80 0.14 -4.56	25.85 0.45 -2.54	26.54 0.47 -0.57	25.86 0.38 -0.93	30.29 0.56 -2.02	23.08 0.30 -3.41	24.53 0.29 -4.49	31.31 0.38 -2.76	12.64 -0.13 -22.10	60.37 0.21 -1.00	34.63 0.03 -2.14	7.01 -0.01 -11.05	7.68 0.00 -8.92	12.18 0.03 -6.08	17.82 0.09 -2.73
STA_56_34_KV_BUS2_REV_LBMP_B 345033	2.03 -0.06 -9.22	3.63 -0.02 -7.82	2.33 0.00 -8.76	1.82 0.00 -8.75	2.14 -0.01 -8.84	1.69 -0.06 -8.33	17.13 0.03 -4.18	32.97 0.17 -6.63	21.87 0.11 -7.47	11.74 0.04 -4.61	25.72 0.11 -2.75	26.17 0.07 -0.59	25.65 0.02 -1.08	30.01 0.14 -2.16	22.82 -0.01 -3.46	24.49 -0.04 -4.79	31.16 -0.13 -3.13	12.88 0.03 -22.18	59.43 -1.08 -1.34	34.03 -0.65 -2.22	7.11 0.07 -11.06	7.71 0.02 -8.93	12.08 -0.07 -6.09	17.62 -0.12 -2.74
STA_56___34_KV_BUS2 355983	2.03 -0.06 -9.22	3.63 -0.02 -7.82	2.33 0.00 -8.76	1.82 0.00 -8.75	2.14 -0.01 -8.84	1.69 -0.06 -8.33	17.13 0.03 -4.18	32.97 0.17 -6.63	21.87 0.11 -7.47	11.74 0.04 -4.61	25.72 0.11 -2.75	26.17 0.07 -0.59	25.65 0.02 -1.08	30.01 0.14 -2.16	22.82 -0.01 -3.46	24.49 -0.04 -4.79	31.16 -0.13 -3.13	12.88 0.03 -22.18	59.43 -1.08 -1.34	34.03 -0.65 -2.22	7.11 0.07 -11.06	7.71 0.02 -8.93	12.08 -0.07 -6.09	17.62 -0.12 -2.74
STA_67___115KV_BK2 355882	2.03 -0.09 -9.25	3.64 -0.04 -7.85	2.34 -0.03 -8.80	1.83 -0.03 -8.79	2.15 -0.04 -8.88	1.69 -0.09 -8.37	17.26 0.07 -4.26	33.33 0.27 -6.89	22.17 0.17 -7.71	11.80 0.05 -4.65	25.91 0.16 -2.88	26.23 0.13 -0.61	25.80 0.07 -1.18	30.17 0.20 -2.24	22.88 0.01 -3.50	24.70 -0.02 -4.97	31.40 -0.12 -3.35	13.00 0.03 -22.30	59.65 -1.06 -1.55	34.08 -0.65 -2.28	7.15 0.07 -11.10	7.75 0.02 -8.97	12.12 -0.06 -6.11	17.67 -0.07 -2.75
STA_7___115KV_9TRANS 80674	2.00 -0.13 -9.26	3.62 -0.07 -7.86	2.31 -0.06 -8.80	1.80 -0.07 -8.79	2.12 -0.08 -8.88	1.66 -0.13 -8.37	17.33 0.16 -4.25	33.46 0.47 -6.82	22.21 0.27 -7.65	11.85 0.10 -4.64	26.05 0.34 -2.85	26.41 0.31 -0.60	25.95 0.25 -1.15	30.36 0.42 -2.22	23.03 0.17 -3.49	24.81 0.14 -4.92	31.58 0.13 -3.29	12.91 -0.06 -22.30	60.12 -0.53 -1.49	34.36 -0.36 -2.26	7.12 0.03 -11.11	7.74 0.01 -8.97	12.17 -0.01 -6.11	17.78 0.03 -2.75

STA_82___115KV_TB1 80780	2.05 -0.09 -9.28	3.66 -0.05 -7.87	2.35 -0.03 -8.82	1.85 -0.03 -8.81	2.16 -0.05 -8.90	1.71 -0.09 -8.39	17.19 0.08 -4.18	32.95 0.29 -6.48	21.82 0.18 -7.34	11.78 0.06 -4.62	25.72 0.18 -2.67	26.23 0.15 -0.59	25.66 0.09 -1.02	30.05 0.22 -2.11	22.86 0.03 -3.46	24.43 -0.01 -4.69	31.06 -0.09 -2.99	13.00 0.02 -22.30	59.34 -1.02 -1.20	34.04 -0.62 -2.20	7.17 0.07 -11.13	7.77 0.02 -8.99	12.14 -0.05 -6.13	17.69 -0.06 -2.75
STEEL___WIND 323596	3.71 -0.01 -10.84	5.05 0.02 -9.20	3.95 0.07 -10.30	3.45 0.08 -10.30	3.78 0.07 -10.40	3.21 0.00 -9.80	14.06 -0.16 -1.30	18.22 -0.46 7.49	8.62 -0.26 5.42	10.47 -0.08 -3.45	16.32 -0.23 6.30	24.99 -0.26 0.25	18.61 -0.23 5.70	23.84 -0.16 3.72	21.05 -0.25 -1.92	12.04 -0.32 7.39	14.87 -0.58 12.72	14.65 0.19 -23.78	43.49 -1.67 14.01	30.51 -1.00 0.95	9.09 0.11 -13.01	9.29 0.03 -10.51	13.18 -0.05 -7.16	18.23 0.01 -3.22
STEPHTWN_115KV_BK_2 55603	40.83 -0.19 -48.15	36.59 -0.10 -40.86	39.17 -0.16 -45.76	38.63 -0.17 -45.73	39.32 -0.17 -46.19	36.79 -0.15 -43.53	30.92 0.43 -17.57	41.30 0.83 -14.29	37.52 0.45 -22.77	34.10 0.23 -26.76	36.00 0.73 -12.40	29.58 0.95 -3.13	28.99 0.89 -3.55	38.81 0.86 -10.23	39.70 0.63 -19.69	43.50 0.69 -23.06	40.89 0.92 -11.80	121.38 -0.30 -131.01	62.64 1.97 -1.51	45.33 1.13 -11.74	61.64 -0.13 -65.80	51.86 -0.04 -53.14	42.47 0.19 -36.21	31.73 0.45 -16.28
STEBEN_REC_LFGE 323667	5.92 0.15 -12.90	6.90 0.12 -10.95	5.98 0.16 -12.26	5.53 0.20 -12.25	5.87 0.18 -12.37	5.29 0.21 -11.66	16.62 -0.39 -4.09	26.97 -0.09 -0.89	17.06 -0.07 -2.83	12.61 -0.17 -5.69	22.12 -0.89 -0.15	24.79 -1.17 -0.46	22.47 -0.88 1.19	27.89 -0.42 -0.59	22.91 -0.48 -4.02	20.75 -0.65 -1.66	25.04 -1.14 1.98	21.34 0.44 -30.22	52.17 -2.82 4.17	32.64 -1.55 -1.74	11.69 0.19 -15.52	11.33 0.04 -12.53	14.34 -0.26 -8.54	18.19 -0.65 -3.84
STILLWATER___SOLAR 323814	41.98 -0.35 -49.46	37.59 -0.21 -41.97	40.24 -0.32 -47.00	39.70 -0.34 -46.97	40.42 -0.33 -47.44	37.80 -0.33 -44.71	31.71 0.74 -18.05	42.38 1.54 -14.67	38.49 0.84 -23.35	34.93 0.40 -27.44	36.80 1.22 -12.72	30.02 1.32 -3.21	29.40 1.21 -3.64	39.55 1.34 -10.49	40.45 0.88 -20.19	44.29 0.90 -23.64	41.56 1.31 -12.09	124.50 -0.45 -134.28	63.46 2.75 -1.55	45.98 1.49 -12.04	63.24 -0.18 -67.44	53.16 -0.06 -54.46	43.43 0.24 -37.12	32.27 0.58 -16.69
STONY___BROOK 24151	32.33 -0.52 -39.98	29.49 -0.27 -33.93	31.19 -0.38 -37.99	30.65 -0.40 -37.97	31.27 -0.39 -38.35	29.08 -0.48 -36.14	28.45 1.17 -14.36	38.85 2.08 -10.60	32.89 1.05 -17.55	29.05 0.53 -21.42	34.43 1.93 -9.64	29.56 2.33 -1.74	31.30 2.35 -4.41	38.29 2.50 -8.07	36.76 1.66 -15.73	39.62 1.80 -18.08	39.98 2.69 -9.12	94.80 -0.85 -104.98	65.88 5.43 -1.28	44.76 3.00 -9.30	48.37 -0.37 -52.76	41.26 -0.11 -42.61	35.68 0.58 -29.04	29.37 1.32 -13.06
STURGEON_POOL_HYD 23609	34.09 -0.29 -41.51	30.90 -0.16 -35.22	32.78 -0.24 -39.45	32.24 -0.25 -39.42	32.88 -0.24 -39.81	30.68 -0.26 -37.52	28.46 0.53 -15.01	38.73 1.05 -11.51	33.57 0.59 -18.68	29.69 0.32 -22.27	33.96 1.09 -10.01	29.28 1.21 -2.57	28.48 1.21 -2.73	37.38 1.35 -8.31	36.68 0.98 -16.33	39.49 0.96 -18.78	38.90 1.42 -9.31	99.46 -0.45 -109.24	62.86 2.94 -0.75	43.77 1.63 -9.68	50.68 -0.20 -54.90	43.03 -0.07 -44.34	36.57 0.28 -30.22	29.23 0.65 -13.58
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	30.23 -0.28 -37.65	27.62 -0.15 -31.95	29.12 -0.23 -35.77	28.59 -0.24 -35.76	29.18 -0.24 -36.11	27.20 -0.25 -34.03	26.94 0.54 -13.48	36.99 1.08 -9.74	31.13 0.57 -16.26	27.42 0.31 -20.01	32.89 1.06 -8.97	28.97 1.16 -2.31	28.11 1.14 -2.43	36.45 1.27 -7.45	34.96 0.90 -14.69	37.49 0.90 -16.84	37.78 1.33 -8.28	88.31 -0.44 -98.09	62.43 2.66 -0.60	42.60 1.47 -8.68	45.09 -0.19 -49.30	38.51 -0.06 -39.81	33.47 0.27 -27.13	27.82 0.62 -12.20
SWANROAD_115KV_TB1 355699	3.37 0.13 -10.37	4.70 0.07 -8.80	3.58 0.15 -9.85	3.08 0.16 -9.85	3.40 0.14 -9.95	2.88 0.09 -9.37	13.21 -0.35 -0.64	15.54 -0.61 10.02	6.39 -0.31 7.59	10.16 -0.22 -3.27	15.99 -0.72 6.15	24.41 -0.84 0.25	18.15 -0.86 5.54	23.22 -0.86 3.64	20.40 -0.78 -1.81	11.65 -0.87 7.23	14.42 -1.38 12.37	13.81 0.42 -22.71	41.84 -3.73 13.59	29.40 -2.11 0.95	8.66 0.24 -12.44	8.88 0.07 -10.05	12.66 -0.25 -6.85	17.62 -0.46 -3.08
SYNERGY___BIOGAS 323694	2.62 -0.17 -9.92	4.16 -0.10 -8.42	2.90 -0.10 -9.43	2.39 -0.11 -9.42	2.70 -0.13 -9.52	2.20 -0.19 -8.97	15.34 0.28 -2.14	23.64 0.53 3.06	13.27 0.26 1.29	11.12 0.17 -3.85	20.92 0.48 2.42	26.03 0.43 -0.10	22.20 0.43 2.77	27.17 0.66 1.21	22.18 0.29 -2.51	17.85 0.29 2.19	22.61 0.32 5.88	13.11 -0.14 -22.57	51.69 -0.13 7.34	32.66 -0.18 -0.39	7.88 0.01 -11.90	8.37 0.00 -9.61	12.67 0.06 -6.55	18.16 0.22 -2.95
SYRACUSE___ENERGY_ST1 323597	1.03 -0.04 -8.20	2.77 -0.02 -6.96	1.34 -0.02 -7.79	0.84 -0.02 -7.79	1.16 -0.02 -7.86	0.79 -0.04 -7.41	16.24 0.07 -3.25	29.75 0.20 -3.38	18.84 0.12 -4.43	11.13 0.04 -3.99	24.88 0.16 -1.86	26.16 0.19 -0.47	25.27 0.20 -0.53	29.50 0.25 -1.53	22.45 0.13 -2.95	23.36 0.16 -3.45	30.15 0.22 -1.77	10.22 -0.08 -19.62	59.69 0.30 -0.23	34.32 0.10 -1.76	5.82 -0.02 -9.85	6.71 -0.01 -7.96	11.51 0.02 -5.43	17.47 0.03 -2.44
SYRACUSE___ENERGY_ST2 323598	1.03 -0.04 -8.20	2.77 -0.02 -6.96	1.34 -0.02 -7.79	0.84 -0.02 -7.79	1.16 -0.02 -7.86	0.79 -0.04 -7.41	16.24 0.07 -3.25	29.75 0.20 -3.38	18.84 0.12 -4.43	11.13 0.04 -3.99	24.88 0.16 -1.86	26.16 0.19 -0.47	25.27 0.20 -0.53	29.50 0.25 -1.53	22.45 0.13 -2.95	23.36 0.16 -3.45	30.15 0.22 -1.77	10.22 -0.08 -19.62	59.69 0.30 -0.23	34.32 0.10 -1.76	5.82 -0.02 -9.85	6.71 -0.01 -7.96	11.51 0.02 -5.43	17.47 0.03 -2.44
SYRACUSE___POWER 24017	1.18 -0.04 -8.35	2.90 -0.01 -7.09	1.49 -0.01 -7.94	0.99 -0.01 -7.93	1.31 -0.02 -8.01	0.93 -0.03 -7.55	16.24 0.06 -3.25	29.57 0.17 -3.23	18.73 0.11 -4.33	11.21 0.05 -4.06	24.92 0.16 -1.89	26.18 0.20 -0.48	25.31 0.22 -0.54	29.54 0.26 -1.56	22.52 0.14 -3.00	23.43 0.17 -3.52	30.19 0.22 -1.80	10.57 -0.08 -19.98	59.70 0.31 -0.23	34.36 0.12 -1.79	5.99 -0.02 -10.03	6.86 -0.01 -8.11	11.61 0.02 -5.52	17.52 0.03 -2.48
TALLMAN___138KV_BK151 55660	31.08 -0.31 -38.52	28.35 -0.17 -32.69	29.92 -0.25 -36.61	29.39 -0.27 -36.59	30.00 -0.26 -36.95	27.96 -0.28 -34.83	27.29 0.59 -13.78	37.27 1.19 -9.91	31.54 0.64 -16.62	27.99 0.35 -20.54	33.27 1.18 -9.22	29.16 1.28 -2.37	28.31 1.27 -2.50	36.82 1.44 -7.66	35.45 1.01 -15.08	38.04 0.99 -17.30	38.16 1.46 -8.53	90.86 -0.49 -100.68	62.70 2.90 -0.64	42.96 1.60 -8.91	46.37 -0.20 -50.60	39.55 -0.07 -40.87	34.21 0.30 -27.85	28.21 0.69 -12.52
TEALLAVE_115KV_TB7 355573	0.44 -0.01 -7.57	2.26 0.00 -6.43	0.78 0.02 -7.19	0.28 0.02 -7.19	0.59 0.02 -7.26	0.26 0.00 -6.84	15.88 -0.01 -2.97	29.27 0.03 -3.07	18.38 0.03 -4.05	10.80 0.01 -3.68	24.63 0.05 -1.72	26.00 0.07 -0.43	25.12 0.09 -0.49	29.25 0.12 -1.42	22.13 0.04 -2.72	22.99 0.05 -3.19	29.86 0.06 -1.63	8.76 -0.03 -18.12	59.28 -0.09 -0.21	33.98 -0.10 -1.62	5.08 0.01 -9.10	6.11 0.00 -7.35	11.06 -0.01 -5.01	17.20 -0.05 -2.25

TELGRAPH_34_KV_EAST 80808	2.95 -0.03 -10.11	4.39 -0.02 -8.58	3.20 0.02 -9.61	2.70 0.02 -9.61	3.02 0.00 -9.70	2.50 -0.05 -9.14	14.43 -0.03 -1.53	20.38 0.11 5.90	10.52 0.08 3.86	10.70 -0.02 -3.62	18.84 -0.08 3.93	25.28 -0.18 0.04	20.44 -0.21 3.90	25.44 -0.09 2.19	21.36 -0.24 -2.23	15.22 -0.29 4.24	19.13 -0.52 8.52	13.47 0.15 -22.65	47.39 -1.88 9.89	31.18 -1.12 0.16	8.23 0.12 -12.13	8.60 0.04 -9.80	12.65 -0.09 -6.68	17.90 -0.10 -3.00
TEMPLE___115KV_TB 2 55572	0.51 -0.01 -7.65	2.32 0.00 -6.49	0.85 0.02 -7.27	0.35 0.02 -7.26	0.66 0.01 -7.33	0.32 0.00 -6.91	15.92 0.00 -3.00	29.32 0.05 -3.10	18.42 0.05 -4.09	10.83 0.02 -3.72	24.67 0.07 -1.73	26.01 0.08 -0.44	25.15 0.11 -0.49	29.28 0.14 -1.43	22.17 0.06 -2.75	23.04 0.07 -3.22	29.90 0.08 -1.65	8.93 -0.03 -18.29	59.33 -0.05 -0.21	34.02 -0.07 -1.64	5.17 0.00 -9.18	6.18 0.00 -7.42	11.11 -0.01 -5.06	17.23 -0.04 -2.27
TIANA___69_KV_BK 1 55817	32.23 -0.63 -39.98	29.43 -0.33 -33.93	31.10 -0.47 -37.99	30.55 -0.49 -37.97	31.17 -0.49 -38.35	28.97 -0.58 -36.14	28.65 1.36 -14.36	39.31 2.54 -10.60	33.11 1.27 -17.55	29.14 0.62 -21.42	34.69 2.19 -9.64	29.80 2.61 -1.70	31.45 2.62 -4.28	38.64 2.86 -8.07	37.01 1.91 -15.73	39.95 2.12 -18.08	40.46 3.18 -9.12	94.64 -1.01 -104.98	66.96 6.52 -1.28	45.35 3.60 -9.30	48.30 -0.44 -52.76	41.24 -0.13 -42.61	35.79 0.68 -29.04	29.60 1.54 -13.06
TILDEN___115KV_TB1 80814	1.18 -0.04 -8.35	2.90 -0.01 -7.09	1.49 -0.01 -7.94	0.99 -0.01 -7.93	1.31 -0.02 -8.01	0.93 -0.03 -7.55	16.24 0.06 -3.25	29.57 0.17 -3.23	18.73 0.11 -4.33	11.21 0.05 -4.06	24.92 0.16 -1.89	26.18 0.20 -0.48	25.31 0.22 -0.54	29.54 0.26 -1.56	22.52 0.14 -3.00	23.43 0.17 -3.52	30.19 0.22 -1.80	10.57 -0.08 -19.98	59.70 0.31 -0.23	34.36 0.12 -1.79	5.99 -0.02 -10.03	6.86 -0.01 -8.11	11.61 0.02 -5.52	17.52 0.03 -2.48
TRIGEN___CC 323695	32.45 -0.41 -39.99	29.54 -0.21 -33.93	31.26 -0.30 -37.99	30.73 -0.32 -37.97	31.35 -0.31 -38.35	29.19 -0.37 -36.14	28.14 0.85 -14.35	38.32 1.57 -10.57	32.61 0.80 -17.52	28.95 0.43 -21.42	34.09 1.58 -9.65	33.88 1.94 -6.44	45.96 1.91 -19.50	38.23 2.01 -8.50	36.44 1.34 -15.73	39.22 1.40 -18.08	39.41 2.02 -9.23	95.03 -0.63 -104.98	64.81 4.03 -1.62	43.99 2.23 -9.30	48.46 -0.28 -52.76	41.28 -0.09 -42.61	35.53 0.43 -29.04	29.05 0.99 -13.05
TRINITY___115KV__ 4 BK 55933	41.04 -0.09 -48.26	36.72 -0.05 -40.95	39.33 -0.10 -45.85	38.80 -0.10 -45.83	39.50 -0.10 -46.28	36.96 0.07 -43.62	30.78 0.25 -17.61	40.95 0.45 -14.33	37.36 0.24 -22.83	34.06 0.13 -26.82	35.72 0.43 -12.43	29.20 0.57 -3.13	28.65 0.54 -3.56	38.48 0.51 -10.25	39.49 0.38 -19.74	43.23 0.37 -23.11	40.49 0.51 -11.82	121.78 -0.17 -131.28	61.67 1.00 -1.51	44.83 0.61 -11.77	61.83 -0.07 -65.93	51.98 -0.02 -53.24	42.45 0.10 -36.29	31.59 0.27 -16.31
UNION___PROCESSING_DRP 323587	2.05 -0.10 -9.28	3.66 -0.05 -7.88	2.36 -0.03 -8.82	1.85 -0.04 -8.81	2.17 -0.05 -8.90	1.71 -0.09 -8.39	17.16 0.09 -4.14	32.82 0.31 -6.33	21.69 0.19 -7.20	11.76 0.06 -4.60	25.65 0.19 -2.60	26.23 0.15 -0.58	25.61 0.10 -0.96	30.02 0.24 -2.06	22.85 0.04 -3.45	24.34 0.01 -4.58	30.94 -0.08 -2.85	12.98 0.01 -22.29	59.24 -0.99 -1.07	34.01 -0.61 -2.17	7.18 0.07 -11.14	7.77 0.02 -8.99	12.14 -0.05 -6.13	17.70 -0.06 -2.75
UPPER HUDSON___HYD 24058	42.16 -0.41 -49.71	37.75 -0.26 -42.18	40.40 -0.40 -47.23	39.88 -0.40 -47.21	40.58 -0.40 -47.67	37.94 -0.41 -44.93	31.99 0.94 -18.12	42.84 1.99 -14.69	38.83 1.11 -23.43	35.16 0.49 -27.57	37.10 1.46 -12.78	30.35 1.63 -3.22	29.70 1.50 -3.66	39.66 1.40 -10.54	40.42 0.76 -20.29	44.16 0.66 -23.76	41.28 0.96 -12.15	125.29 -0.33 -134.95	62.78 2.06 -1.55	45.63 1.08 -12.10	63.63 -0.12 -67.78	53.46 -0.03 -54.74	43.51 0.14 -37.30	32.08 0.31 -16.77
UPPER RAQUET___HYD 24056	-4.28 0.64 -2.22	-1.95 0.34 -1.88	-3.82 0.51 -2.11	-4.34 0.48 -2.11	-4.08 0.49 -2.13	-4.04 0.54 -2.00	11.77 -1.08 0.07	20.39 -2.10 3.68	10.40 -1.23 2.66	36.61 -0.70 -30.20	66.97 -2.32 -46.43	22.97 -2.66 -0.13	32.13 -2.73 -10.32	25.00 -3.13 -0.41	18.10 -2.06 -0.79	18.31 -2.37 -0.93	25.41 -3.23 -0.47	19.17 1.16 -27.33	55.56 -4.23 -0.63	30.94 -1.99 -0.47	-1.12 0.25 -2.65	0.99 0.09 -2.14	7.30 -0.22 -1.46	15.15 -0.50 -0.65
VALLEY44_115KV_TB2 355964	4.15 -0.13 -11.42	5.47 -0.05 -9.68	4.38 -0.03 -10.85	3.87 -0.05 -10.84	4.21 -0.05 -10.95	3.62 -0.11 -10.32	15.78 0.07 -2.79	25.06 0.18 1.29	14.41 0.12 0.01	11.02 0.05 -3.87	17.77 0.39 5.48	25.89 0.54 0.15	19.93 0.54 5.16	25.36 0.80 3.16	22.12 0.47 -2.29	14.06 0.52 6.20	17.29 0.53 11.40	15.97 -0.01 -25.31	46.87 0.57 12.86	32.18 0.29 0.57	9.63 -0.03 -13.69	9.79 -0.02 -11.06	13.80 0.20 -7.54	19.04 0.65 -3.39
VALLEY___115KV_TB 1-4 80826	-5.90 -0.03 -1.27	-3.11 -0.02 -1.08	-5.30 -0.07 -1.21	-5.81 -0.08 -1.20	-5.55 -0.08 -1.22	-5.52 -0.08 -1.15	13.41 0.15 -0.33	26.07 0.18 0.28	14.37 0.07 -0.01	7.77 0.05 -0.61	23.12 -0.03 -0.28	25.33 -0.24 -0.07	24.38 -0.24 -0.08	27.85 -0.10 -0.23	19.84 0.02 -0.45	20.33 0.05 -0.53	28.58 0.14 -0.27	-6.43 -0.12 -3.02	60.13 0.94 -0.04	33.09 0.37 -0.27	-2.55 -0.04 -1.51	-0.03 -0.01 -1.22	6.89 -0.01 -0.83	15.30 -0.07 -0.37
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	13.46 -0.29 -20.89	13.39 -0.16 -17.72	13.17 -0.25 -19.85	12.65 -0.26 -19.84	13.08 -0.26 -20.03	12.02 -0.27 -18.88	20.87 0.54 -7.41	32.20 1.07 -4.96	22.74 0.58 -7.87	16.01 0.45 -8.45	27.24 1.66 -2.72	28.31 1.90 -0.91	26.69 2.03 -0.11	32.43 2.22 -2.49	27.20 1.49 -6.35	27.22 1.67 -5.79	32.04 2.43 -1.44	33.93 -0.87 -44.12	62.83 5.60 1.93	38.75 2.87 -3.43	17.98 -0.34 -22.34	16.69 -0.11 -18.04	18.82 0.46 -12.29	21.64 1.11 -5.53
VISCHER___FERRY HYD 24020	41.39 -0.23 -48.75	37.06 -0.14 -41.37	39.67 -0.22 -46.32	39.13 -0.24 -46.30	39.84 -0.23 -46.76	37.27 -0.21 -44.07	31.19 0.48 -17.79	41.61 1.00 -14.44	37.85 0.55 -23.01	34.41 0.26 -27.05	36.22 0.82 -12.54	29.59 0.92 -3.16	29.01 0.87 -3.59	39.04 0.98 -10.34	39.95 0.68 -19.90	43.74 0.69 -23.31	41.03 0.94 -11.92	122.71 -0.33 -132.37	62.71 2.02 -1.53	45.42 1.10 -11.87	62.32 -0.14 -66.48	52.41 -0.04 -53.69	42.85 0.19 -36.59	31.93 0.49 -16.45
V_A_10_SYNC_DSASP 323832	2.64 -0.02 -9.79	4.14 0.00 -8.31	2.92 0.05 -9.31	2.42 0.05 -9.30	2.75 0.04 -9.39	2.25 -0.01 -8.85	19.05 -0.16 -6.29	40.56 -0.49 -14.88	29.02 -0.30 -15.03	12.65 -0.11 -5.66	29.11 -0.36 -6.62	26.11 -0.38 -1.00	27.97 -0.43 -3.86	32.03 -0.41 -4.72	23.43 -0.45 -4.51	29.36 -0.52 -10.13	36.91 -0.93 -9.68	15.41 0.28 -24.46	63.62 -3.01 -7.47	34.48 -1.72 -3.74	7.91 0.19 -11.75	8.30 0.05 -9.49	12.34 -0.19 -6.47	17.56 -0.35 -2.91
V_CMM_10_SYNC_DSASP 323787	-4.79 0.70 -1.64	-2.39 0.38 -1.39	-4.30 0.57 -1.56	-4.82 0.55 -1.56	-4.60 0.52 -1.57	-4.54 0.56 -1.48	11.30 -1.09 0.54	18.95 -2.17 5.05	9.07 -1.30 3.92	-4.27 -0.76 10.62	2.68 -2.56 17.62	22.70 -2.89 -0.09	17.64 -3.02 3.88	24.66 -3.36 -0.30	17.75 -2.21 -0.59	17.93 -2.51 -0.69	25.08 -3.44 -0.35	-12.82 1.24 4.73	54.25 -4.73 0.18	30.66 -2.14 -0.35	-1.81 0.25 -1.96	0.43 0.09 -1.58	6.90 -0.24 -1.08	14.91 -0.57 -0.49

V_CMP_10_SYNC_DSASP 323788	-4.75 0.74 -1.64	-2.35 0.43 -1.39	-4.23 0.64 -1.56	-4.87 0.51 -1.55	-4.68 0.44 -1.57	-4.68 0.43 -1.48	11.70 -0.86 0.37	20.04 -1.90 4.23	9.78 -1.28 3.24	-8.07 -0.74 14.42	-3.33 -2.57 23.62	22.63 -2.96 -0.09	16.49 -2.84 5.21	24.77 -3.25 -0.30	17.79 -2.17 -0.59	17.94 -2.49 -0.69	25.38 -3.14 -0.35	-15.84 1.11 7.62	54.90 -4.01 0.25	31.36 -1.44 -0.35	-1.87 0.20 -1.96	0.39 0.05 -1.58	6.97 -0.18 -1.08	14.98 -0.51 -0.49
V_D_10_SYNC_DSASP 323841	3.37 0.11 -10.39	4.73 0.09 -8.81	3.65 0.21 -9.87	3.16 0.23 -9.86	3.48 0.21 -9.96	2.94 0.14 -9.39	12.31 -0.48 0.13	11.51 -1.21 13.45	2.94 -0.69 10.66	9.81 -0.30 -3.01	14.35 -1.03 7.48	24.00 -1.11 0.39	16.90 -1.12 6.52	22.00 -1.20 4.51	19.87 -1.01 -1.52	9.60 -1.11 9.05	11.75 -1.76 14.66	13.64 0.54 -22.43	38.76 -4.62 15.78	28.41 -2.60 1.45	8.73 0.30 -12.46	8.91 0.09 -10.06	12.60 -0.33 -6.86	17.42 -0.66 -3.08
V_E_10_SYNC_DSASP 323830	8.80 -0.49 -16.42	9.51 -0.25 -13.93	8.81 -0.37 -15.60	8.29 -0.37 -15.59	8.60 -0.46 -15.75	7.73 -0.53 -14.84	19.86 1.03 -5.91	31.74 1.73 -3.84	21.28 0.82 -6.17	15.45 0.44 -7.90	27.16 1.63 -2.67	28.17 1.80 -0.87	27.00 2.25 -0.20	32.67 2.54 -2.42	26.94 1.60 -5.97	26.88 1.54 -5.59	32.15 2.42 -1.56	30.98 -0.99 -41.30	64.19 6.62 1.60	39.16 3.45 -3.26	16.49 -0.39 -20.90	15.52 -0.12 -16.88	17.99 0.43 -11.50	21.17 1.00 -5.17
V_F_30_NSYNC___DSASP 323816	42.08 -0.36 -49.57	37.68 -0.22 -42.06	40.34 -0.33 -47.10	39.80 -0.35 -47.08	40.51 -0.34 -47.54	37.89 -0.34 -44.81	31.77 0.76 -18.09	42.46 1.57 -14.72	38.58 0.87 -23.42	35.00 0.41 -27.50	36.86 1.26 -12.74	30.07 1.36 -3.21	29.46 1.26 -3.65	39.62 1.39 -10.51	40.53 0.93 -20.24	44.38 0.94 -23.69	41.64 1.35 -12.12	124.79 -0.46 -134.58	63.57 2.85 -1.55	46.06 1.54 -12.06	63.38 -0.19 -67.59	53.28 -0.06 -54.58	43.52 0.25 -37.20	32.33 0.60 -16.72
V_F_30_SYNC_DSASP 323786	41.35 -0.12 -48.60	37.00 -0.07 -41.24	39.63 -0.12 -46.18	39.10 -0.13 -46.16	39.81 -0.12 -46.62	37.25 -0.10 -43.94	30.98 0.32 -17.74	41.19 0.58 -14.44	37.60 0.31 -22.99	34.27 0.17 -27.00	35.92 0.54 -12.51	29.35 0.69 -3.15	28.79 0.66 -3.59	38.68 0.65 -10.32	39.72 0.48 -19.87	43.49 0.48 -23.26	40.73 0.66 -11.90	122.60 -0.22 -132.14	62.00 1.31 -1.52	45.07 0.77 -11.85	62.25 -0.09 -66.37	52.33 -0.03 -53.60	42.71 0.12 -36.53	31.76 0.33 -16.42
V_XM_10_SYNC_DSASP 323789	-4.75 0.74 -1.64	-2.35 0.43 -1.39	-4.23 0.64 -1.56	-4.87 0.51 -1.55	-4.68 0.44 -1.57	-4.68 0.43 -1.48	11.70 -0.86 0.37	20.04 -1.90 4.23	9.78 -1.28 3.24	-8.07 -0.74 14.42	-3.33 -2.57 23.62	22.63 -2.96 -0.09	16.49 -2.84 5.21	24.77 -3.25 -0.30	17.79 -2.17 -0.59	17.94 -2.49 -0.69	25.38 -3.14 -0.35	-15.84 1.11 7.62	54.90 -4.01 0.25	31.36 -1.44 -0.35	-1.87 0.20 -1.96	0.39 0.05 -1.58	6.97 -0.18 -1.08	14.98 -0.51 -0.49
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	31.26 -0.34 -38.72	28.51 -0.18 -32.86	30.09 -0.27 -36.80	29.56 -0.29 -36.78	30.17 -0.28 -37.14	28.12 -0.30 -35.01	27.41 0.64 -13.85	37.43 1.28 -9.98	31.71 0.69 -16.72	28.14 0.37 -20.66	33.41 1.27 -9.28	29.27 1.39 -2.39	28.43 1.37 -2.52	36.97 1.54 -7.71	35.62 1.08 -15.16	38.23 1.08 -17.41	38.33 1.59 -8.58	91.41 -0.53 -101.26	62.98 3.17 -0.65	43.16 1.74 -8.97	46.65 -0.22 -50.90	39.79 -0.08 -41.10	34.40 0.32 -28.01	28.34 0.75 -12.59
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	32.53 -0.31 -39.97	29.58 -0.17 -33.92	31.31 -0.25 -37.98	30.77 -0.26 -37.96	31.39 -0.26 -38.34	29.27 -0.28 -36.13	27.91 0.64 -14.34	37.98 1.29 -10.53	32.46 0.69 -17.48	28.90 0.39 -21.41	33.83 1.33 -9.64	29.42 1.45 -2.48	28.60 1.43 -2.62	37.33 1.61 -8.00	36.21 1.12 -15.72	38.92 1.11 -18.07	38.70 1.60 -8.93	95.10 -0.52 -104.95	63.00 3.14 -0.70	43.47 1.72 -9.30	48.51 -0.22 -52.75	41.29 -0.07 -42.60	35.41 0.31 -29.03	28.77 0.72 -13.05
W50THST__13_KV_LOAD 356117	32.48 -0.36 -39.97	29.55 -0.19 -33.92	31.26 -0.29 -37.98	30.73 -0.31 -37.96	31.35 -0.30 -38.34	29.23 -0.32 -36.13	28.00 0.74 -14.34	38.20 1.52 -10.51	32.58 0.82 -17.47	28.97 0.46 -21.41	34.06 1.56 -9.64	29.68 1.70 -2.48	28.85 1.69 -2.62	37.63 1.91 -8.00	36.42 1.33 -15.72	39.13 1.31 -18.07	39.00 1.90 -8.93	95.01 -0.62 -104.95	63.54 3.67 -0.70	43.75 2.00 -9.30	48.47 -0.25 -52.75	41.28 -0.08 -42.60	35.46 0.36 -29.03	28.88 0.83 -13.05
WADING RIVER_IC_1 23522	32.30 -0.55 -39.98	29.47 -0.29 -33.93	31.16 -0.40 -37.99	30.62 -0.43 -37.97	31.24 -0.42 -38.35	29.04 -0.51 -36.14	28.52 1.23 -14.36	38.99 2.21 -10.60	32.95 1.11 -17.55	29.06 0.54 -21.42	34.45 1.95 -9.64	29.54 2.35 -1.69	31.19 2.37 -4.27	38.34 2.55 -8.07	36.80 1.70 -15.73	39.72 1.90 -18.08	40.10 2.81 -9.12	94.76 -0.89 -104.98	66.15 5.71 -1.28	44.93 3.17 -9.30	48.35 -0.39 -52.76	41.26 -0.11 -42.61	35.71 0.60 -29.04	29.43 1.38 -13.06
WADING RIVER_IC_2 23547	32.30 -0.55 -39.98	29.47 -0.29 -33.93	31.16 -0.40 -37.99	30.62 -0.43 -37.97	31.24 -0.42 -38.35	29.04 -0.51 -36.14	28.52 1.23 -14.36	38.99 2.21 -10.60	32.95 1.11 -17.55	29.06 0.54 -21.42	34.45 1.95 -9.64	29.54 2.35 -1.69	31.19 2.37 -4.27	38.34 2.55 -8.07	36.80 1.70 -15.73	39.72 1.90 -18.08	40.10 2.81 -9.12	94.76 -0.89 -104.98	66.15 5.71 -1.28	44.93 3.17 -9.30	48.35 -0.39 -52.76	41.26 -0.11 -42.61	35.71 0.60 -29.04	29.43 1.38 -13.06
WADING RIVER_IC_3 23601	32.30 -0.55 -39.98	29.47 -0.29 -33.93	31.16 -0.40 -37.99	30.62 -0.43 -37.97	31.24 -0.42 -38.35	29.04 -0.51 -36.14	28.52 1.23 -14.36	38.99 2.21 -10.60	32.95 1.11 -17.55	29.06 0.54 -21.42	34.45 1.95 -9.64	29.54 2.35 -1.69	31.19 2.37 -4.27	38.34 2.55 -8.07	36.80 1.70 -15.73	39.72 1.90 -18.08	40.10 2.81 -9.12	94.76 -0.89 -104.98	66.15 5.71 -1.28	44.93 3.17 -9.30	48.35 -0.39 -52.76	41.26 -0.11 -42.61	35.71 0.60 -29.04	29.43 1.38 -13.06
WALDENNY_12_KV_BK2 80841	3.64 -0.02 -10.79	4.99 0.00 -9.16	3.88 0.05 -10.26	3.38 0.06 -10.25	3.71 0.04 -10.35	3.15 -0.02 -9.76	14.02 -0.11 -1.20	18.25 -0.05 7.87	8.56 0.02 5.75	10.47 -0.05 -3.42	16.40 -0.13 6.33	25.06 -0.18 0.26	18.66 -0.16 5.72	23.91 -0.06 3.74	21.07 -0.20 -1.90	12.04 -0.27 7.43	14.90 -0.51 12.76	14.50 0.17 -23.66	43.57 -1.55 14.04	30.55 -0.94 0.96	9.02 0.10 -12.95	9.24 0.03 -10.46	13.15 -0.04 -7.13	18.22 0.02 -3.20
WALDEN___HYDRO 24148	31.65 -0.34 -39.13	28.84 -0.19 -33.20	30.47 -0.28 -37.18	29.93 -0.30 -37.16	30.55 -0.29 -37.52	28.47 -0.31 -35.37	27.66 0.67 -14.07	37.95 1.35 -10.44	32.21 0.73 -17.19	28.35 0.37 -20.87	33.42 1.21 -9.36	29.27 1.36 -2.41	28.35 1.27 -2.54	36.87 1.38 -7.77	35.75 1.06 -15.32	38.43 1.09 -17.59	38.51 1.67 -8.68	92.43 -0.56 -102.31	63.30 3.48 -0.66	43.40 1.89 -9.06	47.16 -0.24 -51.42	40.21 -0.08 -41.53	34.71 0.34 -28.30	28.50 0.78 -12.72
WARRENSBURG____ 23737	42.16 -0.41 -49.71	37.75 -0.26 -42.18	40.40 -0.40 -47.23	39.88 -0.40 -47.21	40.58 -0.40 -47.67	37.94 -0.41 -44.93	31.99 0.94 -18.12	42.84 1.99 -14.69	38.83 1.11 -23.43	35.16 0.49 -27.57	37.10 1.46 -12.78	30.35 1.63 -3.22	29.70 1.50 -3.66	39.66 1.40 -10.54	40.42 0.76 -20.29	44.16 0.66 -23.76	41.28 0.96 -12.15	125.29 -0.33 -134.95	62.78 2.06 -1.55	45.63 1.08 -12.10	63.63 -0.12 -67.78	53.46 -0.03 -54.74	43.51 0.14 -37.30	32.08 0.31 -16.77

WATERSIDE___6 8 9 23538	32.52 -0.32 -39.98	29.58 -0.17 -33.92	31.31 -0.25 -37.99	30.78 -0.26 -37.97	31.40 -0.25 -38.34	29.27 -0.28 -36.14	27.89 0.64 -14.32	37.92 1.31 -10.44	32.41 0.71 -17.41	28.91 0.39 -21.42	33.84 1.34 -9.64	29.44 1.47 -2.48	28.63 1.46 -2.62	37.34 1.62 -8.00	36.24 1.15 -15.72	38.93 1.11 -18.07	38.73 1.63 -8.93	95.11 -0.53 -104.97	63.06 3.19 -0.71	43.51 1.75 -9.30	48.51 -0.22 -52.75	41.29 -0.07 -42.60	35.42 0.32 -29.04	28.79 0.74 -13.05
WATKINRD_115KV_LN8_ILLION 55919	-5.90 -0.03 -1.27	-3.11 -0.02 -1.08	-5.27 -0.04 -1.21	-5.77 -0.05 -1.20	-5.52 -0.05 -1.22	-5.49 -0.05 -1.15	13.37 0.11 -0.34	26.12 0.20 0.25	14.42 0.09 -0.04	7.77 0.05 -0.61	23.18 0.03 -0.28	25.48 -0.09 -0.07	24.54 -0.09 -0.08	27.97 0.01 -0.23	19.90 0.07 -0.45	20.36 0.08 -0.53	28.62 0.18 -0.27	-6.41 -0.10 -3.02	59.93 0.73 -0.04	33.09 0.36 -0.27	-2.55 -0.04 -1.51	-0.03 -0.01 -1.22	6.92 0.03 -0.83	15.41 0.03 -0.37
WATSON___69_KV_BK 1 55734	32.28 -0.57 -39.98	29.46 -0.30 -33.93	31.14 -0.42 -37.99	30.60 -0.45 -37.97	31.22 -0.44 -38.35	29.03 -0.53 -36.14	28.52 1.24 -14.36	39.05 2.28 -10.60	32.98 1.14 -17.54	29.09 0.57 -21.42	34.58 2.08 -9.64	29.98 2.50 -1.98	32.17 2.49 -5.14	38.53 2.72 -8.09	36.91 1.81 -15.73	39.76 1.94 -18.08	40.18 2.89 -9.12	94.74 -0.91 -104.98	66.14 5.69 -1.29	44.94 3.18 -9.30	48.34 -0.40 -52.76	41.25 -0.12 -42.61	35.73 0.61 -29.04	29.47 1.41 -13.06
WDELAWARE___HYD 323627	29.45 -0.24 -36.82	26.95 -0.13 -31.24	28.38 -0.18 -34.99	27.85 -0.19 -34.97	28.44 -0.19 -35.32	26.49 -0.21 -33.29	26.67 0.49 -13.26	37.05 0.97 -9.90	31.01 0.52 -16.20	26.52 0.27 -19.15	32.18 0.87 -8.45	28.46 0.77 -2.19	27.68 0.89 -2.25	35.74 0.98 -7.03	34.06 0.73 -13.96	35.89 0.23 -15.91	36.36 0.45 -7.75	83.94 -0.16 -93.42	60.54 0.94 -0.43	41.19 0.50 -8.24	42.86 -0.08 -46.97	36.63 -0.06 -37.93	32.16 0.24 -25.85	27.13 0.51 -11.62
WEST BABYLON___IC 23714	32.31 -0.54 -39.98	29.48 -0.28 -33.93	31.16 -0.40 -37.99	30.62 -0.43 -37.97	31.24 -0.42 -38.35	29.06 -0.50 -36.14	28.45 1.17 -14.36	38.91 2.15 -10.59	32.90 1.07 -17.54	29.07 0.55 -21.42	34.49 1.99 -9.64	30.38 2.40 -2.48	33.63 2.38 -6.71	38.45 2.60 -8.14	36.83 1.73 -15.73	39.66 1.83 -18.08	40.03 2.74 -9.13	94.80 -0.86 -104.98	65.87 5.38 -1.32	44.77 3.01 -9.30	48.37 -0.37 -52.76	41.26 -0.11 -42.61	35.69 0.58 -29.04	29.39 1.34 -13.06
WEST CANADA___HYD 24049	-5.83 0.03 -1.27	-3.08 0.01 -1.08	-5.21 0.02 -1.21	-5.71 0.02 -1.20	-5.45 0.02 -1.22	-5.41 0.03 -1.15	13.33 0.00 -0.46	25.90 -0.05 0.19	14.33 -0.05 -0.09	7.68 -0.03 -0.61	23.01 -0.14 -0.28	25.42 -0.15 -0.07	24.47 -0.15 -0.08	27.77 -0.18 -0.23	19.72 -0.10 -0.45	20.18 -0.10 -0.53	28.31 -0.13 -0.27	-6.26 0.05 -3.02	59.13 -0.07 -0.04	32.68 -0.04 -0.27	-2.50 0.01 -1.51	-0.01 0.00 -1.22	6.89 -0.01 -0.83	15.35 -0.03 -0.37
WESTERN_NY_WIND 24143	2.69 -0.16 -9.98	4.21 -0.09 -8.47	2.96 -0.10 -9.49	2.45 -0.10 -9.48	2.77 -0.12 -9.57	2.26 -0.18 -9.02	15.13 0.26 -1.95	22.98 0.76 3.95	12.64 0.44 2.09	11.04 0.16 -3.78	20.44 0.47 2.89	25.95 0.39 -0.06	21.80 0.38 3.12	26.83 0.63 1.52	22.05 0.26 -2.43	17.16 0.24 2.83	21.72 0.26 6.71	13.16 -0.11 -22.60	50.77 -0.26 8.14	32.44 -0.23 -0.22	7.97 0.02 -11.98	8.44 0.00 -9.67	12.70 0.04 -6.59	18.16 0.19 -2.96
WESTOVER___LESR 323668	9.92 -0.11 -17.16	10.35 -0.05 -14.56	9.82 -0.06 -16.31	9.31 -0.06 -16.30	9.70 -0.07 -16.46	8.84 -0.09 -15.52	19.00 0.13 -5.95	30.08 0.30 -3.61	20.57 0.19 -6.09	15.10 0.08 -7.91	25.27 0.34 -2.07	26.68 0.38 -0.80	24.79 0.46 0.22	30.27 0.54 -2.01	25.45 0.33 -5.76	24.83 0.34 -4.74	29.15 0.41 -0.57	31.13 -0.11 -40.57	57.40 0.73 2.49	35.79 0.34 -3.00	16.53 -0.04 -20.60	15.38 -0.02 -16.64	17.50 0.09 -11.34	20.31 0.21 -5.10
WETHRSFD_WT_PWR 323626	4.75 0.13 -11.75	5.91 0.10 -9.97	4.94 0.20 -11.17	4.47 0.23 -11.16	4.80 0.21 -11.27	4.22 0.18 -10.62	14.54 -0.41 -2.03	19.44 -0.79 5.94	10.21 -0.40 3.68	11.15 -0.23 -4.28	17.82 -0.84 4.20	24.48 -1.01 0.01	19.46 -0.82 4.26	24.76 -0.65 2.31	21.48 -0.57 -2.68	14.54 -0.79 4.42	17.61 -1.30 9.26	17.54 0.46 -26.42	45.41 -2.87 10.89	30.80 -1.61 0.04	10.26 0.18 -14.10	10.20 0.05 -11.39	13.64 -0.19 -7.76	18.09 -0.40 -3.49
WHAVSTOR_138KV_BK127 55557	31.32 -0.31 -38.77	28.56 -0.17 -32.89	30.16 -0.25 -36.83	29.62 -0.26 -36.82	30.24 -0.25 -37.18	28.18 -0.28 -35.04	27.37 0.58 -13.87	37.32 1.16 -10.00	31.66 0.62 -16.74	28.13 0.34 -20.68	33.31 1.16 -9.29	29.15 1.26 -2.39	28.31 1.25 -2.52	36.84 1.40 -7.72	35.54 0.98 -15.18	38.15 0.97 -17.43	38.19 1.43 -8.59	91.58 -0.48 -101.38	62.64 2.83 -0.65	43.00 1.56 -8.98	46.73 -0.20 -50.96	39.84 -0.07 -41.15	34.40 0.29 -28.04	28.29 0.68 -12.61
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	31.32 -0.31 -38.77	28.56 -0.17 -32.89	30.16 -0.25 -36.83	29.62 -0.26 -36.82	30.24 -0.25 -37.18	28.18 -0.28 -35.04	27.37 0.58 -13.87	37.32 1.16 -10.00	31.66 0.62 -16.74	28.13 0.34 -20.68	33.31 1.16 -9.29	29.15 1.26 -2.39	28.31 1.25 -2.52	36.84 1.40 -7.72	35.54 0.98 -15.18	38.15 0.97 -17.43	38.19 1.43 -8.59	91.58 -0.48 -101.38	62.64 2.83 -0.65	43.00 1.56 -8.98	46.73 -0.20 -50.96	39.84 -0.07 -41.15	34.40 0.29 -28.04	28.29 0.68 -12.61
WHITEHAL_115KV_TB1 80871	42.07 -0.44 -49.64	37.65 -0.30 -42.12	40.31 -0.43 -47.17	39.75 -0.47 -47.14	40.46 -0.46 -47.61	37.78 -0.51 -44.87	32.26 1.29 -18.05	43.36 2.77 -14.43	39.00 1.51 -23.19	35.30 0.66 -27.54	37.65 2.02 -12.76	30.99 2.28 -3.22	30.47 2.28 -3.66	40.60 2.36 -10.53	41.05 1.42 -20.26	44.90 1.43 -23.73	42.39 2.09 -12.14	124.78 -0.66 -134.77	65.08 4.36 -1.55	46.70 2.17 -12.08	63.44 -0.22 -67.69	53.36 -0.07 -54.66	43.61 0.29 -37.25	32.45 0.70 -16.75
WHITEPLN_13_KV_LOAD 356215	32.39 -0.38 -39.91	29.49 -0.21 -33.86	31.18 -0.30 -37.92	30.65 -0.32 -37.90	31.27 -0.31 -38.28	29.15 -0.34 -36.07	28.00 0.76 -14.32	38.22 1.54 -10.51	32.57 0.82 -17.45	28.92 0.45 -21.37	33.99 1.51 -9.62	29.63 1.66 -2.47	28.81 1.65 -2.62	37.55 1.85 -7.99	36.35 1.29 -15.69	39.07 1.29 -18.03	38.98 1.91 -8.91	94.80 -0.63 -104.76	63.68 3.81 -0.70	43.82 2.08 -9.28	48.37 -0.26 -52.65	41.19 -0.08 -42.52	35.42 0.37 -28.98	28.89 0.86 -13.02
WM_FLOYD_69_KV_BK2 356380	32.30 -0.55 -39.98	29.47 -0.29 -33.93	31.17 -0.40 -37.99	30.63 -0.42 -37.97	31.24 -0.42 -38.35	29.05 -0.51 -36.14	28.49 1.20 -14.36	38.97 2.20 -10.60	32.93 1.09 -17.55	29.06 0.54 -21.42	34.42 1.92 -9.64	29.53 2.32 -1.71	31.20 2.33 -4.33	38.32 2.54 -8.07	36.78 1.68 -15.73	39.70 1.88 -18.08	40.08 2.79 -9.12	94.78 -0.88 -104.98	66.09 5.65 -1.28	44.89 3.13 -9.30	48.36 -0.38 -52.76	41.26 -0.11 -42.61	35.71 0.60 -29.04	29.42 1.37 -13.06
WOODARD__115KV_TB2 355635	0.58 0.02 -7.70	2.38 0.01 -6.53	0.92 0.03 -7.32	0.42 0.04 -7.31	0.73 0.03 -7.39	0.39 0.02 -6.96	15.91 -0.06 -3.04	29.39 0.03 -3.18	18.54 0.05 -4.19	10.90 0.02 -3.78	24.69 0.06 -1.76	26.02 0.08 -0.44	25.15 0.10 -0.50	29.29 0.12 -1.45	22.21 0.04 -2.80	23.08 0.06 -3.27	29.93 0.09 -1.68	9.24 -0.04 -18.60	59.37 -0.01 -0.21	34.07 -0.05 -1.67	5.32 0.00 -9.34	6.30 0.00 -7.55	11.20 -0.01 -5.14	17.27 -0.04 -2.31

YORK___WARBASSE	32.50	29.58	31.31	30.78	31.41	29.28	27.84	37.78	32.29	28.91	33.86	29.44	28.65	37.38	36.27	38.95	38.75	95.11	63.10	43.55	48.50	41.29	35.44	28.84
23770	-0.35	-0.17	-0.25	-0.26	-0.25	-0.28	0.63	1.33	0.73	0.40	1.36	1.46	1.48	1.66	1.18	1.13	1.66	-0.53	3.23	1.79	-0.23	-0.07	0.34	0.79
	-39.98	-33.92	-37.99	-37.97	-38.34	-36.14	-14.29	-10.28	-17.27	-21.42	-9.64	-2.48	-2.62	-8.00	-15.72	-18.07	-8.93	-104.97	-0.71	-9.30	-52.75	-42.60	-29.04	-13.05