

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

05/04/2026

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	33.82	30.81	28.22	27.93	28.74	27.17	67.28	48.07	29.77	27.54	30.51	92.72	29.37	27.99	30.12	32.08	34.75	35.34	43.69	62.98	252.38	40.49	37.64	32.93
24138	-0.24	0.08	0.05	0.55	0.62	0.31	1.27	2.03	2.41	2.20	1.33	7.08	0.46	0.38	-0.10	-0.25	1.29	1.96	3.88	5.46	21.40	3.46	3.27	2.69
	-37.43	-29.62	-27.55	-18.98	-18.30	-22.26	-49.12	-19.93	-0.18	0.00	-13.93	-19.71	-24.71	-23.83	-31.26	-34.87	-20.92	-14.19	-1.21	0.00	0.00	0.00	0.00	-2.39
74TH STREET_GT_1	33.81	30.81	28.22	27.94	28.74	27.18	67.29	48.10	29.77	27.54	30.51	92.72	29.38	27.99	30.12	32.08	34.76	35.34	43.70	63.02	252.61	40.53	37.67	32.95
24260	-0.24	0.08	0.05	0.56	0.63	0.32	1.28	2.05	2.42	2.20	1.32	7.09	0.46	0.38	-0.10	-0.25	1.30	1.96	3.89	5.50	21.63	3.50	3.30	2.72
	-37.43	-29.62	-27.55	-18.98	-18.30	-22.26	-49.12	-19.94	-0.18	0.00	-13.93	-19.71	-24.71	-23.83	-31.26	-34.87	-20.92	-14.19	-1.21	0.00	0.00	0.00	0.00	-2.39
74TH STREET_GT_2	33.81	30.81	28.22	27.94	28.74	27.18	67.29	48.10	29.77	27.54	30.51	92.72	29.38	27.99	30.12	32.08	34.76	35.34	43.70	63.02	252.61	40.53	37.67	32.95
24261	-0.24	0.08	0.05	0.56	0.63	0.32	1.28	2.05	2.42	2.20	1.32	7.09	0.46	0.38	-0.10	-0.25	1.30	1.96	3.89	5.50	21.63	3.50	3.30	2.72
	-37.43	-29.62	-27.55	-18.98	-18.30	-22.26	-49.12	-19.94	-0.18	0.00	-13.93	-19.71	-24.71	-23.83	-31.26	-34.87	-20.92	-14.19	-1.21	0.00	0.00	0.00	0.00	-2.39
ADK HUDSON___FALLS	38.45	34.48	31.62	30.31	31.08	29.96	73.42	50.38	29.26	27.22	32.02	92.91	33.39	31.94	35.51	38.14	37.88	37.24	43.23	62.15	249.20	40.02	37.16	32.73
24011	-0.24	0.08	0.04	0.57	0.70	0.34	1.33	1.86	1.88	1.88	1.03	4.17	0.24	0.25	-0.06	-0.16	0.84	1.43	3.20	4.63	18.22	2.99	2.79	2.18
	-42.07	-33.29	-30.96	-21.33	-20.57	-25.02	-55.20	-22.41	-0.20	0.00	-15.74	-22.82	-28.94	-27.91	-36.62	-40.84	-24.51	-16.62	-1.43	0.00	0.00	0.00	0.00	-2.70
ADK RESOURCE___RCVRY	38.45	34.49	31.64	30.35	31.12	29.99	73.53	50.51	29.40	27.37	32.13	93.11	33.40	31.97	35.52	38.15	37.95	37.37	43.54	62.55	250.74	40.29	37.39	32.89
23798	-0.25	0.08	0.05	0.61	0.74	0.36	1.42	1.99	2.02	2.02	1.14	4.36	0.24	0.26	-0.07	-0.17	0.90	1.55	3.52	5.03	19.76	3.26	3.02	2.34
	-42.08	-33.30	-30.97	-21.33	-20.57	-25.02	-55.21	-22.42	-0.20	0.00	-15.74	-22.83	-28.95	-27.92	-36.63	-40.86	-24.51	-16.63	-1.43	0.00	0.00	0.00	0.00	-2.70
ADK S GLENS___FALLS	38.45	34.48	31.62	30.31	31.08	29.96	73.42	50.38	29.26	27.22	32.02	92.91	33.39	31.94	35.51	38.14	37.88	37.24	43.23	62.15	249.20	40.02	37.16	32.73
24028	-0.24	0.08	0.04	0.57	0.70	0.34	1.33	1.86	1.88	1.88	1.03	4.17	0.24	0.25	-0.06	-0.16	0.84	1.43	3.20	4.63	18.22	2.99	2.79	2.18
	-42.07	-33.29	-30.96	-21.33	-20.57	-25.02	-55.20	-22.41	-0.20	0.00	-15.74	-22.82	-28.94	-27.91	-36.62	-40.84	-24.51	-16.62	-1.43	0.00	0.00	0.00	0.00	-2.70
ADK_NYS___DAM	37.89	33.99	31.18	29.93	30.67	29.53	72.25	49.59	28.77	26.68	31.56	91.50	32.80	31.37	34.81	37.37	37.29	36.63	42.23	60.58	242.69	39.12	36.54	32.25
23527	-0.20	0.06	0.04	0.50	0.59	0.26	0.94	1.38	1.40	1.34	0.80	3.16	0.21	0.22	-0.06	-0.14	0.71	1.14	2.24	3.06	11.71	2.09	2.18	1.76
	-41.47	-32.82	-30.52	-21.03	-20.28	-24.66	-54.42	-22.09	-0.20	0.00	-15.51	-22.41	-28.38	-27.37	-35.91	-40.05	-24.03	-16.30	-1.40	0.00	0.00	0.00	0.00	-2.64
AIR_PRODUCTS___DRP	37.85	33.85	31.06	29.64	30.32	29.30	71.58	48.79	28.04	25.98	31.13	89.64	32.57	31.15	34.68	37.26	36.84	36.01	41.07	58.88	235.93	38.04	35.43	31.37
24190	-0.09	0.04	0.03	0.28	0.31	0.12	0.47	0.67	0.67	0.64	0.42	1.40	0.11	0.12	-0.03	-0.07	0.38	0.59	1.08	1.36	4.96	1.02	1.06	0.90
	-41.32	-32.70	-30.41	-20.95	-20.20	-24.58	-54.22	-22.01	-0.20	0.00	-15.46	-22.32	-28.25	-27.25	-35.74	-39.87	-23.92	-16.22	-1.39	0.00	0.00	0.00	0.00	-2.63
AKWESSNE_115KV_BK	-3.33	1.10	0.61	8.31	9.69	4.54	15.89	25.62	26.61	24.84	14.99	64.43	4.12	3.71	-1.02	-2.48	12.28	18.83	37.87	56.51	226.37	36.22	33.54	25.85
355683	0.05	-0.02	-0.01	-0.09	-0.12	-0.06	-0.34	-0.49	-0.56	-0.50	-0.26	-1.50	-0.09	-0.07	0.02	0.06	-0.27	-0.37	-0.72	-1.01	-4.61	-0.81	-0.82	-0.67
	0.00	0.00	0.00	0.00	0.00	0.00	0.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.32
ALBANY_1_SOLAR	37.38	33.55	30.77	29.57	30.30	29.15	71.38	48.97	28.35	26.23	31.12	90.00	32.27	30.86	34.25	36.78	36.62	35.96	41.59	59.99	240.68	38.74	36.02	31.87
323833	-0.17	0.05	0.04	0.42	0.48	0.22	0.80	1.06	0.99	0.89	0.55	2.00	0.14	0.15	-0.04	-0.09	0.44	0.73	1.62	2.47	9.70	1.71	1.66	1.35
	-40.92	-32.38	-30.11	-20.75	-20.01	-24.34	-53.69	-21.80	-0.20	0.00	-15.32	-22.07	-27.92	-26.93	-35.33	-39.40	-23.64	-16.03	-1.37	0.00	0.00	0.00	0.00	-2.67
ALBANY_2_SOLAR	37.38	33.55	30.77	29.57	30.29	29.15	71.39	48.96	28.35	26.23	31.12	89.97	32.27	30.86	34.26	36.78	36.62	35.96	41.57	59.96	240.64	38.72	36.02	31.86
323834	-0.17	0.05	0.03	0.42	0.48	0.22	0.80	1.05	0.98	0.89	0.55	1.97	0.14	0.14	-0.04	-0.09	0.44	0.73	1.60	2.44	9.65	1.69	1.65	1.35
	-40.92	-32.38	-30.11	-20.75	-20.01	-24.34	-53.70	-21.80	-0.20	0.00	-15.32	-22.07	-27.93	-26.93	-35.33	-39.41	-23.64	-16.04	-1.37	0.00	0.00	0.00	0.00	-2.67
ALBANY___1	37.85	33.85	31.06	29.64	30.32	29.30	71.58	48.79	28.04	25.98	31.13	89.64	32.57	31.15	34.68	37.26	36.84	36.01	41.07	58.88	235.93	38.04	35.43	31.37
23571	-0.09	0.04	0.03	0.28	0.31	0.12	0.47	0.67	0.67	0.64	0.42	1.40	0.11	0.12	-0.03	-0.07	0.38	0.59	1.08	1.36	4.96	1.02	1.06	0.90
	-41.32	-32.70	-30.41	-20.95	-20.20	-24.58	-54.22	-22.01	-0.20	0.00	-15.46	-22.32	-28.25	-27.25	-35.74	-39.87	-23.92	-16.22	-1.39	0.00	0.00	0.00	0.00	-2.63

ALBANY___2 23572	37.85 -0.09 -41.32	33.85 0.04 -32.70	31.06 0.03 -30.41	29.64 0.28 -20.95	30.32 0.31 -20.20	29.30 0.12 -24.58	71.58 0.47 -54.22	48.79 0.67 -22.01	28.04 0.67 -0.20	25.98 0.64 0.00	31.13 0.42 -15.46	89.64 1.40 -22.32	32.57 0.11 -28.25	31.15 0.12 -27.25	34.68 -0.03 -35.74	37.26 -0.07 -39.87	36.84 0.38 -23.92	36.01 0.59 -16.22	41.07 1.08 -1.39	58.88 1.36 0.00	235.93 4.96 0.00	38.04 1.02 0.00	35.43 1.06 0.00	31.37 0.90 -2.63
ALBANY___3 23573	37.85 -0.09 -41.32	33.85 0.04 -32.70	31.06 0.03 -30.41	29.64 0.28 -20.95	30.32 0.31 -20.20	29.30 0.12 -24.58	71.58 0.47 -54.22	48.79 0.67 -22.01	28.04 0.67 -0.20	25.98 0.64 0.00	31.13 0.42 -15.46	89.64 1.40 -22.32	32.57 0.11 -28.25	31.15 0.12 -27.25	34.68 -0.03 -35.74	37.26 -0.07 -39.87	36.84 0.38 -23.92	36.01 0.59 -16.22	41.07 1.08 -1.39	58.88 1.36 0.00	235.93 4.96 0.00	38.04 1.02 0.00	35.43 1.06 0.00	31.37 0.90 -2.63
ALBANY___4 23574	37.85 -0.09 -41.32	33.85 0.04 -32.70	31.06 0.03 -30.41	29.64 0.28 -20.95	30.32 0.31 -20.20	29.30 0.12 -24.58	71.58 0.47 -54.22	48.79 0.67 -22.01	28.04 0.67 -0.20	25.98 0.64 0.00	31.13 0.42 -15.46	89.64 1.40 -22.32	32.57 0.11 -28.25	31.15 0.12 -27.25	34.68 -0.03 -35.74	37.26 -0.07 -39.87	36.84 0.38 -23.92	36.01 0.59 -16.22	41.07 1.08 -1.39	58.88 1.36 0.00	235.93 4.96 0.00	38.04 1.02 0.00	35.43 1.06 0.00	31.37 0.90 -2.63
ALBANY___LFGE 323615	38.02 -0.14 -41.53	34.02 0.04 -32.86	31.22 0.03 -30.56	29.81 0.35 -21.06	30.51 0.39 -20.31	29.46 0.17 -24.70	72.02 0.63 -54.50	49.16 0.92 -22.12	28.31 0.94 -0.20	26.24 0.90 0.00	31.36 0.57 -15.54	90.47 2.09 -22.46	32.81 0.15 -28.45	31.38 0.16 -27.44	34.92 -0.04 -35.99	37.51 -0.10 -40.15	37.13 0.51 -24.09	36.32 0.79 -16.34	41.51 1.51 -1.40	59.55 2.03 0.00	238.66 7.68 0.00	38.44 1.41 0.00	35.76 1.39 0.00	31.67 1.17 -2.65
ALCOA_PA_115KV_PL-6C 55860	-3.32 0.05 0.00	1.10 -0.02 0.00	0.61 -0.01 0.00	8.31 -0.10 0.00	9.69 -0.12 0.00	4.53 -0.06 0.00	15.51 -0.33 1.06	25.67 -0.44 0.00	26.67 -0.50 0.00	24.92 -0.42 0.00	15.04 -0.21 0.00	64.69 -1.24 0.00	4.12 -0.08 0.00	3.70 -0.08 0.00	-1.02 0.02 0.00	-2.47 0.07 0.00	12.26 -0.28 0.00	18.81 -0.39 0.00	37.85 -0.74 0.00	56.55 -0.96 0.00	227.48 -3.50 0.00	36.35 -0.68 0.00	33.60 -0.77 0.00	25.09 -0.64 2.11
ALCOA_RYNLDS___DRP 24188	-3.33 0.05 0.00	1.10 -0.02 0.00	0.61 -0.01 0.00	8.31 -0.10 0.00	9.68 -0.12 0.00	4.54 -0.06 0.00	15.51 -0.33 1.06	25.66 -0.45 0.00	26.66 -0.51 0.00	24.91 -0.43 0.00	15.04 -0.21 0.00	64.66 -1.26 0.00	4.12 -0.08 0.00	3.70 -0.08 0.00	-1.02 0.02 0.00	-2.47 0.07 0.00	12.26 -0.28 0.00	18.81 -0.39 0.00	37.85 -0.75 0.00	56.56 -0.96 0.00	227.46 -3.52 0.00	36.34 -0.68 0.00	33.60 -0.77 0.00	25.09 -0.64 2.11
ALCOA___DSASP 323711	-3.33 0.05 0.00	1.10 -0.02 0.00	0.61 -0.01 0.00	8.31 -0.10 0.00	9.68 -0.12 0.00	4.54 -0.06 0.00	15.51 -0.33 1.06	25.66 -0.45 0.00	26.66 -0.51 0.00	24.91 -0.43 0.00	15.04 -0.21 0.00	64.66 -1.26 0.00	4.12 -0.08 0.00	3.70 -0.08 0.00	-1.02 0.02 0.00	-2.47 0.07 0.00	12.26 -0.28 0.00	18.81 -0.39 0.00	37.85 -0.75 0.00	56.56 -0.96 0.00	227.46 -3.52 0.00	36.34 -0.68 0.00	33.60 -0.77 0.00	25.09 -0.64 2.11
ALLEGHENY___COGEN 23514	-2.52 0.07 -0.79	8.68 -0.03 -7.60	1.66 -0.04 -1.08	20.47 -0.20 -12.26	30.56 -0.16 -20.92	24.73 -0.05 -20.19	41.50 -0.16 -24.77	45.43 -0.49 -19.80	47.19 -0.37 -20.39	28.80 -0.76 -4.22	15.10 -0.46 -0.31	-0.25 -0.45 65.73	8.43 -0.17 -4.39	19.33 -0.12 -15.67	13.61 0.05 -14.60	8.79 0.09 -11.23	15.17 -0.50 -3.12	27.37 -0.82 -8.99	79.30 -1.29 -41.99	74.43 -0.96 -17.87	248.70 0.51 -17.21	58.99 0.07 -21.88	73.87 -0.31 -39.82	48.67 -0.42 -21.24
ALTAMONT_115KV_TB 2 55880	37.80 -0.11 -41.29	33.83 0.04 -32.67	31.03 0.03 -30.38	29.64 0.31 -20.93	30.34 0.35 -20.19	29.31 0.16 -24.56	71.68 0.61 -54.18	49.00 0.89 -22.00	28.25 0.88 -0.20	26.19 0.85 0.00	31.23 0.53 -15.45	90.37 2.15 -22.29	32.57 0.14 -28.22	31.13 0.14 -27.21	34.63 -0.04 -35.70	37.20 -0.09 -39.82	36.88 0.45 -23.89	36.09 0.70 -16.20	41.38 1.40 -1.39	59.47 1.95 0.00	238.53 7.55 0.00	38.36 1.33 0.00	35.70 1.33 0.00	31.57 1.10 -2.63
ALTONA_WT_PWR 323606	-3.30 0.08 0.00	1.10 -0.02 0.00	0.62 -0.01 0.00	8.32 -0.08 0.00	9.72 -0.09 0.00	4.55 -0.05 0.00	16.11 -0.40 0.39	25.57 -0.54 0.00	26.47 -0.70 0.00	24.71 -0.63 0.00	14.92 -0.33 0.00	64.28 -1.65 0.00	4.14 -0.06 0.00	3.71 -0.07 0.00	-1.02 0.01 0.00	-2.48 0.06 0.00	12.24 -0.30 0.00	18.85 -0.34 0.00	37.96 -0.64 0.00	56.72 -0.80 0.00	228.49 -2.49 0.00	36.52 -0.51 0.00	33.60 -0.77 0.00	26.39 -0.69 0.77
AMERICAN_REF_FUEL 24010	-2.36 0.32 -0.69	0.03 -0.08 1.00	0.95 -0.08 -0.40	5.45 -0.67 2.28	4.85 -0.75 4.21	0.30 -0.32 3.97	11.02 -1.29 4.57	21.47 -2.19 2.45	22.16 -1.74 3.28	23.90 -1.44 0.00	14.71 -0.80 -0.26	13.01 -2.07 50.85	6.99 -0.28 -3.07	3.99 -0.22 -0.43	0.94 0.09 -1.89	0.93 0.17 -3.30	14.34 -0.94 -2.74	17.53 -1.67 -0.01	25.10 -3.04 10.46	45.59 -5.24 6.69	206.60 -20.28 4.10	21.83 -3.02 12.19	16.61 -2.68 15.08	8.61 -2.14 17.09
ARKWRIGHT___SUMMIT_WT_PWR 323751	-2.31 0.30 -0.77	0.11 -0.08 0.92	1.00 -0.08 -0.46	5.53 -0.66 2.21	4.99 -0.71 4.11	0.35 -0.33 3.92	10.01 -1.13 5.75	21.37 -1.68 3.06	21.80 -1.33 4.04	24.03 -1.05 0.26	15.05 -0.49 -0.29	1.85 -2.36 61.71	7.32 -0.22 -3.34	3.67 -0.18 -0.08	0.79 0.08 -1.75	1.01 0.13 -3.42	14.69 -0.85 -3.00	17.59 -1.37 0.23	23.13 -2.64 12.83	45.63 -3.73 8.16	214.89 -11.07 5.03	19.66 -2.52 14.85	13.46 -2.49 18.41	4.85 -2.18 20.81
ARTHUR KILL_GT_1 23520	33.80 -0.26 -37.43	30.82 0.09 -29.62	28.23 0.06 -27.55	28.03 0.65 -18.98	28.84 0.73 -18.30	27.20 0.34 -22.26	67.39 1.37 -49.12	48.22 2.17 -19.94	29.83 2.48 -0.18	27.52 2.18 0.00	30.47 1.29 -13.93	92.50 6.86 -19.71	29.37 0.45 -24.71	27.97 0.36 -23.83	30.12 -0.10 -31.26	32.08 -0.25 -34.87	34.73 1.27 -20.92	35.33 1.94 -14.19	43.69 3.88 -1.21	63.11 5.59 0.00	253.59 22.61 -0.01	40.72 3.69 0.00	37.80 3.44 0.00	33.08 2.84 -2.39
ARTHUR_KILL_2 23512	33.79 -0.27 -37.43	30.82 0.08 -29.62	28.23 0.06 -27.55	28.01 0.63 -18.98	28.82 0.71 -18.30	27.19 0.33 -22.26	67.33 1.32 -49.12	48.15 2.10 -19.94	29.76 2.42 -0.18	27.46 2.12 0.00	30.45 1.26 -13.93	92.39 6.75 -19.71	29.36 0.45 -24.71	27.96 0.35 -23.83	30.13 -0.10 -31.26	32.09 -0.24 -34.87	34.71 1.25 -20.92	35.28 1.90 -14.19	43.58 3.77 -1.21	62.94 5.42 0.00	252.90 21.91 -0.01	40.60 3.57 0.00	37.69 3.32 0.00	33.02 2.78 -2.39
ARTHUR_KILL_3 23513	33.82 -0.24 -37.43	30.80 0.06 -29.62	28.22 0.05 -27.55	27.87 0.49 -18.98	28.67 0.56 -18.30	27.14 0.29 -22.26	67.16 1.15 -49.12	47.88 1.83 -19.93	29.52 2.17 -0.18	27.29 1.96 0.00	30.36 1.17 -13.93	92.10 6.46 -19.71	29.33 0.42 -24.71	27.95 0.34 -23.83	30.13 -0.09 -31.26	32.10 -0.23 -34.87	34.63 1.17 -20.92	35.15 1.77 -14.19	43.30 3.49 -1.21	62.47 4.95 0.00	250.56 19.57 0.00	40.19 3.16 0.00	37.36 3.00 0.00	32.75 2.52 -2.39

ARTHUR_KILL_COGEN 323718	33.79 -0.27 -37.43	30.82 0.09 -29.62	28.23 0.06 -27.55	28.03 0.65 -18.98	28.85 0.73 -18.30	27.20 0.34 -22.26	67.38 1.37 -49.12	48.22 2.17 -19.94	29.83 2.48 -0.18	27.52 2.18 0.00	30.47 1.29 -13.93	92.49 6.85 -19.71	29.37 0.46 -24.71	27.97 0.36 -23.83	30.12 -0.10 -31.26	32.08 -0.25 -34.87	34.73 1.27 -20.92	35.32 1.94 -14.19	43.68 3.87 -1.21	63.11 5.59 0.00	253.60 22.61 -0.01	40.71 3.68 0.00	37.78 3.41 0.00	33.09 2.85 -2.39
ASHOKAN____ 23654	35.77 -0.24 -39.39	32.35 0.07 -31.17	29.66 0.05 -28.99	28.93 0.55 -19.97	29.71 0.65 -19.26	28.34 0.31 -23.43	69.84 1.26 -51.69	48.99 1.90 -20.99	29.30 1.94 -0.19	26.96 1.62 0.00	30.98 0.95 -14.77	90.97 3.86 -21.17	31.15 0.23 -26.72	29.78 0.23 -25.77	32.72 -0.05 -33.81	35.03 -0.14 -37.71	36.04 0.87 -22.63	35.89 1.35 -15.35	42.75 2.83 -1.32	61.93 4.41 0.00	248.40 17.42 0.00	39.90 2.88 0.00	37.03 2.66 0.00	32.37 1.95 -2.57
ASTORIA_EAST_ENERGY_CC1 323581	33.81 -0.25 -37.43	30.79 0.06 -29.62	28.21 0.04 -27.54	27.85 0.47 -18.97	28.64 0.53 -18.30	27.13 0.27 -22.26	67.08 1.07 -49.11	47.89 1.85 -19.93	29.60 2.25 -0.18	27.34 2.00 0.00	30.33 1.15 -13.93	91.83 6.19 -19.71	29.35 0.44 -24.71	27.94 0.33 -23.83	30.13 -0.09 -31.26	32.09 -0.24 -34.87	34.67 1.21 -20.92	35.22 1.83 -14.19	43.38 3.57 -1.21	62.45 4.93 0.00	250.76 19.78 0.00	40.34 3.31 0.00	37.47 3.11 0.00	32.87 2.64 -2.39
ASTORIA_EAST_ENERGY_CC2 323582	33.81 -0.25 -37.43	30.79 0.07 -29.62	28.21 0.05 -27.54	27.85 0.48 -18.97	28.64 0.54 -18.30	27.13 0.28 -22.26	67.08 1.08 -49.11	47.91 1.87 -19.93	29.61 2.26 -0.18	27.35 2.01 0.00	30.33 1.15 -13.93	91.87 6.23 -19.71	29.35 0.44 -24.71	27.94 0.33 -23.83	30.13 -0.09 -31.26	32.09 -0.24 -34.87	34.68 1.21 -20.92	35.22 1.83 -14.19	43.39 3.58 -1.21	62.46 4.94 0.00	250.76 19.78 0.00	40.35 3.33 0.00	37.48 3.11 0.00	32.88 2.64 -2.39
ASTORIA_GT2_1 24094	33.82 -0.24 -37.43	30.80 0.07 -29.62	28.21 0.04 -27.54	27.86 0.48 -18.97	28.64 0.54 -18.30	27.13 0.28 -22.26	67.10 1.09 -49.11	47.90 1.85 -19.93	29.61 2.26 -0.18	27.35 2.00 0.00	30.34 1.15 -13.93	91.91 6.27 -19.71	29.35 0.44 -24.71	27.94 0.33 -23.83	30.13 -0.09 -31.26	32.09 -0.24 -34.87	34.68 1.22 -20.92	35.24 1.85 -14.19	43.42 3.61 -1.21	62.50 4.98 0.00	250.92 19.94 0.00	40.38 3.35 0.00	37.55 3.18 0.00	32.88 2.64 -2.39
ASTORIA_GT2_2 24095	33.82 -0.24 -37.43	30.80 0.07 -29.62	28.21 0.04 -27.54	27.86 0.48 -18.97	28.64 0.54 -18.30	27.13 0.28 -22.26	67.10 1.09 -49.11	47.90 1.85 -19.93	29.61 2.26 -0.18	27.35 2.00 0.00	30.34 1.15 -13.93	91.91 6.27 -19.71	29.35 0.44 -24.71	27.94 0.33 -23.83	30.13 -0.09 -31.26	32.09 -0.24 -34.87	34.68 1.22 -20.92	35.24 1.85 -14.19	43.42 3.61 -1.21	62.50 4.98 0.00	250.92 19.94 0.00	40.38 3.35 0.00	37.55 3.18 0.00	32.88 2.64 -2.39
ASTORIA_GT2_3 24096	33.82 -0.24 -37.43	30.80 0.07 -29.62	28.21 0.04 -27.54	27.86 0.48 -18.97	28.64 0.54 -18.30	27.13 0.28 -22.26	67.10 1.09 -49.11	47.90 1.85 -19.93	29.61 2.26 -0.18	27.35 2.00 0.00	30.34 1.15 -13.93	91.91 6.27 -19.71	29.35 0.44 -24.71	27.94 0.33 -23.83	30.13 -0.09 -31.26	32.09 -0.24 -34.87	34.68 1.22 -20.92	35.24 1.85 -14.19	43.42 3.61 -1.21	62.50 4.98 0.00	250.92 19.94 0.00	40.38 3.35 0.00	37.55 3.18 0.00	32.88 2.64 -2.39
ASTORIA_GT2_4 24097	33.82 -0.24 -37.43	30.80 0.07 -29.62	28.21 0.04 -27.54	27.86 0.48 -18.97	28.64 0.54 -18.30	27.13 0.28 -22.26	67.10 1.09 -49.11	47.90 1.85 -19.93	29.61 2.26 -0.18	27.35 2.00 0.00	30.34 1.15 -13.93	91.91 6.27 -19.71	29.35 0.44 -24.71	27.94 0.33 -23.83	30.13 -0.09 -31.26	32.09 -0.24 -34.87	34.68 1.22 -20.92	35.24 1.85 -14.19	43.42 3.61 -1.21	62.50 4.98 0.00	250.92 19.94 0.00	40.38 3.35 0.00	37.55 3.18 0.00	32.88 2.64 -2.39
ASTORIA_GT3_1 24098	33.82 -0.24 -37.43	30.80 0.07 -29.62	28.21 0.04 -27.54	27.86 0.48 -18.97	28.64 0.54 -18.30	27.13 0.28 -22.26	67.10 1.09 -49.11	47.90 1.85 -19.93	29.61 2.26 -0.18	27.35 2.00 0.00	30.34 1.15 -13.93	91.91 6.27 -19.71	29.35 0.44 -24.71	27.94 0.33 -23.83	30.13 -0.09 -31.26	32.09 -0.24 -34.87	34.68 1.22 -20.92	35.24 1.85 -14.19	43.42 3.61 -1.21	62.50 4.98 0.00	250.92 19.94 0.00	40.38 3.35 0.00	37.55 3.18 0.00	32.88 2.64 -2.39
ASTORIA_GT3_2 24099	33.82 -0.24 -37.43	30.80 0.07 -29.62	28.21 0.04 -27.54	27.86 0.48 -18.97	28.64 0.54 -18.30	27.13 0.28 -22.26	67.10 1.09 -49.11	47.90 1.85 -19.93	29.61 2.26 -0.18	27.35 2.00 0.00	30.34 1.15 -13.93	91.91 6.27 -19.71	29.35 0.44 -24.71	27.94 0.33 -23.83	30.13 -0.09 -31.26	32.09 -0.24 -34.87	34.68 1.22 -20.92	35.24 1.85 -14.19	43.42 3.61 -1.21	62.50 4.98 0.00	250.92 19.94 0.00	40.38 3.35 0.00	37.55 3.18 0.00	32.88 2.64 -2.39
ASTORIA_GT3_3 24100	33.82 -0.24 -37.43	30.80 0.07 -29.62	28.21 0.04 -27.54	27.86 0.48 -18.97	28.64 0.54 -18.30	27.13 0.28 -22.26	67.10 1.09 -49.11	47.90 1.85 -19.93	29.61 2.26 -0.18	27.35 2.00 0.00	30.34 1.15 -13.93	91.91 6.27 -19.71	29.35 0.44 -24.71	27.94 0.33 -23.83	30.13 -0.09 -31.26	32.09 -0.24 -34.87	34.68 1.22 -20.92	35.24 1.85 -14.19	43.42 3.61 -1.21	62.50 4.98 0.00	250.92 19.94 0.00	40.38 3.35 0.00	37.55 3.18 0.00	32.88 2.64 -2.39
ASTORIA_GT3_4 24101	33.82 -0.24 -37.43	30.80 0.07 -29.62	28.21 0.04 -27.54	27.86 0.48 -18.97	28.64 0.54 -18.30	27.13 0.28 -22.26	67.10 1.09 -49.11	47.90 1.85 -19.93	29.61 2.26 -0.18	27.35 2.00 0.00	30.34 1.15 -13.93	91.91 6.27 -19.71	29.35 0.44 -24.71	27.94 0.33 -23.83	30.13 -0.09 -31.26	32.09 -0.24 -34.87	34.68 1.22 -20.92	35.24 1.85 -14.19	43.42 3.61 -1.21	62.50 4.98 0.00	250.92 19.94 0.00	40.38 3.35 0.00	37.55 3.18 0.00	32.88 2.64 -2.39
ASTORIA_GT4_1 24102	33.82 -0.24 -37.43	30.80 0.07 -29.62	28.21 0.04 -27.54	27.86 0.48 -18.97	28.64 0.54 -18.30	27.13 0.28 -22.26	67.10 1.09 -49.11	47.90 1.85 -19.93	29.61 2.26 -0.18	27.35 2.00 0.00	30.34 1.15 -13.93	91.91 6.27 -19.71	29.35 0.44 -24.71	27.94 0.33 -23.83	30.13 -0.09 -31.26	32.09 -0.24 -34.87	34.68 1.22 -20.92	35.24 1.85 -14.19	43.42 3.61 -1.21	62.50 4.98 0.00	250.92 19.94 0.00	40.38 3.35 0.00	37.55 3.18 0.00	32.88 2.64 -2.39
ASTORIA_GT4_2 24103	33.82 -0.24 -37.43	30.80 0.07 -29.62	28.21 0.04 -27.54	27.86 0.48 -18.97	28.64 0.54 -18.30	27.13 0.28 -22.26	67.10 1.09 -49.11	47.90 1.85 -19.93	29.61 2.26 -0.18	27.35 2.00 0.00	30.34 1.15 -13.93	91.91 6.27 -19.71	29.35 0.44 -24.71	27.94 0.33 -23.83	30.13 -0.09 -31.26	32.09 -0.24 -34.87	34.68 1.22 -20.92	35.24 1.85 -14.19	43.42 3.61 -1.21	62.50 4.98 0.00	250.92 19.94 0.00	40.38 3.35 0.00	37.55 3.18 0.00	32.88 2.64 -2.39
ASTORIA_GT4_3 24104	33.82 -0.24 -37.43	30.80 0.07 -29.62	28.21 0.04 -27.54	27.86 0.48 -18.97	28.64 0.54 -18.30	27.13 0.28 -22.26	67.10 1.09 -49.11	47.90 1.85 -19.93	29.61 2.26 -0.18	27.35 2.00 0.00	30.34 1.15 -13.93	91.91 6.27 -19.71	29.35 0.44 -24.71	27.94 0.33 -23.83	30.13 -0.09 -31.26	32.09 -0.24 -34.87	34.68 1.22 -20.92	35.24 1.85 -14.19	43.42 3.61 -1.21	62.50 4.98 0.00	250.92 19.94 0.00	40.38 3.35 0.00	37.55 3.18 0.00	32.88 2.64 -2.39

ASTORIA_GT4_4 24105	33.82 -0.24 -37.43	30.80 0.07 -29.62	28.21 0.04 -27.54	27.86 0.48 -18.97	28.64 0.54 -18.30	27.13 0.28 -22.26	67.10 1.09 -49.11	47.90 1.85 -19.93	29.61 2.26 -0.18	27.35 2.00 0.00	30.34 1.15 -13.93	91.91 6.27 -19.71	29.35 0.44 -24.71	27.94 0.33 -23.83	30.13 -0.09 -31.26	32.09 -0.24 -34.87	34.68 1.22 -20.92	35.24 1.85 -14.19	43.42 3.61 -1.21	62.50 4.98 0.00	250.92 19.94 0.00	40.38 3.35 0.00	37.55 3.18 0.00	32.88 2.64 -2.39
ASTORIA_GT_1 23523	33.82 -0.24 -37.43	30.80 0.07 -29.62	28.21 0.04 -27.54	27.87 0.49 -18.97	28.66 0.55 -18.30	27.14 0.28 -22.26	67.13 1.13 -49.11	47.95 1.90 -19.93	29.66 2.31 -0.18	27.39 2.05 0.00	30.36 1.18 -13.93	92.04 6.41 -19.71	29.36 0.45 -24.71	27.95 0.34 -23.83	30.13 -0.09 -31.26	32.09 -0.24 -34.87	34.71 1.25 -20.92	35.28 1.89 -14.19	43.49 3.68 -1.21	62.61 5.09 0.00	251.38 20.40 0.00	40.45 3.42 0.00	37.62 3.25 0.00	32.92 2.68 -2.39
ASTORIA_GT_10 24110	33.82 -0.23 -37.43	30.81 0.07 -29.62	28.22 0.05 -27.55	27.91 0.53 -18.98	28.70 0.59 -18.30	27.16 0.29 -22.26	67.19 1.18 -49.12	47.94 1.89 -19.94	29.61 2.26 -0.18	27.40 2.05 0.00	30.41 1.22 -13.93	92.14 6.51 -19.71	29.35 0.44 -24.71	27.96 0.35 -23.83	30.13 -0.09 -31.26	32.10 -0.23 -34.87	34.67 1.21 -20.92	35.21 1.83 -14.19	43.41 3.60 -1.21	62.53 5.01 0.00	250.73 19.75 0.00	40.28 3.25 0.00	37.44 3.08 0.00	32.79 2.55 -2.39
ASTORIA_GT_11 24225	33.82 -0.23 -37.43	30.81 0.07 -29.62	28.22 0.05 -27.55	27.91 0.53 -18.98	28.70 0.59 -18.30	27.16 0.29 -22.26	67.19 1.18 -49.12	47.94 1.89 -19.94	29.61 2.26 -0.18	27.40 2.05 0.00	30.41 1.22 -13.93	92.14 6.51 -19.71	29.35 0.44 -24.71	27.96 0.35 -23.83	30.13 -0.09 -31.26	32.10 -0.23 -34.87	34.67 1.21 -20.92	35.21 1.83 -14.19	43.41 3.60 -1.21	62.53 5.01 0.00	250.73 19.75 0.00	40.28 3.25 0.00	37.44 3.08 0.00	32.79 2.55 -2.39
ASTORIA_GT_12 24226	33.82 -0.23 -37.43	30.81 0.07 -29.62	28.22 0.05 -27.55	27.91 0.53 -18.98	28.70 0.59 -18.30	27.16 0.29 -22.26	67.19 1.18 -49.12	47.94 1.89 -19.94	29.61 2.26 -0.18	27.40 2.05 0.00	30.41 1.22 -13.93	92.14 6.51 -19.71	29.35 0.44 -24.71	27.96 0.35 -23.83	30.13 -0.09 -31.26	32.10 -0.23 -34.87	34.67 1.21 -20.92	35.21 1.83 -14.19	43.41 3.60 -1.21	62.53 5.01 0.00	250.73 19.75 0.00	40.28 3.25 0.00	37.44 3.08 0.00	32.79 2.55 -2.39
ASTORIA_GT_13 24227	33.82 -0.23 -37.43	30.81 0.07 -29.62	28.22 0.05 -27.55	27.91 0.53 -18.98	28.70 0.59 -18.30	27.16 0.29 -22.26	67.19 1.18 -49.12	47.94 1.89 -19.94	29.61 2.26 -0.18	27.40 2.05 0.00	30.41 1.22 -13.93	92.14 6.51 -19.71	29.35 0.44 -24.71	27.96 0.35 -23.83	30.13 -0.09 -31.26	32.10 -0.23 -34.87	34.67 1.21 -20.92	35.21 1.83 -14.19	43.41 3.60 -1.21	62.53 5.01 0.00	250.73 19.75 0.00	40.28 3.25 0.00	37.44 3.08 0.00	32.79 2.55 -2.39
ASTORIA_GT_5 24106	33.82 -0.24 -37.43	30.80 0.07 -29.62	28.21 0.04 -27.54	27.87 0.49 -18.97	28.66 0.55 -18.30	27.14 0.28 -22.26	67.13 1.13 -49.11	47.95 1.90 -19.93	29.66 2.31 -0.18	27.39 2.05 0.00	30.36 1.18 -13.93	92.04 6.41 -19.71	29.36 0.45 -24.71	27.95 0.34 -23.83	30.13 -0.09 -31.26	32.09 -0.24 -34.87	34.71 1.25 -20.92	35.28 1.89 -14.19	43.49 3.68 -1.21	62.61 5.09 0.00	251.38 20.40 0.00	40.45 3.42 0.00	37.62 3.25 0.00	32.92 2.68 -2.39
ASTORIA_GT_7 24107	33.82 -0.24 -37.43	30.80 0.07 -29.62	28.21 0.04 -27.54	27.87 0.49 -18.97	28.66 0.55 -18.30	27.14 0.28 -22.26	67.13 1.13 -49.11	47.95 1.90 -19.93	29.66 2.31 -0.18	27.39 2.05 0.00	30.36 1.18 -13.93	92.04 6.41 -19.71	29.36 0.45 -24.71	27.95 0.34 -23.83	30.13 -0.09 -31.26	32.09 -0.24 -34.87	34.71 1.25 -20.92	35.28 1.89 -14.19	43.49 3.68 -1.21	62.61 5.09 0.00	251.38 20.40 0.00	40.45 3.42 0.00	37.62 3.25 0.00	32.92 2.68 -2.39
ASTORIA_GT_8 24108	33.82 -0.24 -37.43	30.80 0.07 -29.62	28.21 0.04 -27.54	27.87 0.49 -18.97	28.66 0.55 -18.30	27.14 0.28 -22.26	67.13 1.13 -49.11	47.95 1.90 -19.93	29.66 2.31 -0.18	27.39 2.05 0.00	30.36 1.18 -13.93	92.04 6.41 -19.71	29.36 0.45 -24.71	27.95 0.34 -23.83	30.13 -0.09 -31.26	32.09 -0.24 -34.87	34.71 1.25 -20.92	35.28 1.89 -14.19	43.49 3.68 -1.21	62.61 5.09 0.00	251.38 20.40 0.00	40.45 3.42 0.00	37.62 3.25 0.00	32.92 2.68 -2.39
ASTORIA___2 24149	33.81 -0.25 -37.43	30.79 0.07 -29.62	28.21 0.05 -27.54	27.85 0.48 -18.97	28.64 0.54 -18.30	27.13 0.28 -22.26	67.08 1.08 -49.11	47.91 1.87 -19.93	29.61 2.26 -0.18	27.35 2.01 0.00	30.33 1.15 -13.93	91.87 6.23 -19.71	29.35 0.44 -24.71	27.94 0.33 -23.83	30.13 -0.09 -31.26	32.09 -0.24 -34.87	34.68 1.22 -20.92	35.23 1.85 -14.19	43.41 3.60 -1.21	62.50 4.98 0.00	250.98 20.00 0.00	40.36 3.34 0.00	37.50 3.13 0.00	32.89 2.65 -2.39
ASTORIA___3 23516	33.81 -0.25 -37.43	30.80 0.07 -29.62	28.22 0.05 -27.55	27.91 0.53 -18.98	28.71 0.60 -18.30	27.16 0.30 -22.26	67.17 1.16 -49.12	47.94 1.89 -19.94	29.62 2.27 -0.18	27.40 2.06 0.00	30.41 1.22 -13.93	92.13 6.50 -19.71	29.35 0.44 -24.71	27.96 0.35 -23.83	30.13 -0.09 -31.26	32.10 -0.23 -34.87	34.67 1.21 -20.92	35.21 1.82 -14.19	43.39 3.58 -1.21	62.53 5.01 0.00	250.73 19.74 0.00	40.27 3.24 0.00	37.41 3.04 0.00	32.80 2.56 -2.39
ASTORIA___4 23517	33.82 -0.23 -37.43	30.81 0.07 -29.62	28.22 0.05 -27.55	27.91 0.53 -18.98	28.70 0.59 -18.30	27.16 0.29 -22.26	67.19 1.18 -49.12	47.94 1.89 -19.94	29.61 2.26 -0.18	27.40 2.05 0.00	30.41 1.22 -13.93	92.14 6.51 -19.71	29.35 0.44 -24.71	27.96 0.35 -23.83	30.13 -0.09 -31.26	32.10 -0.23 -34.87	34.67 1.21 -20.92	35.21 1.83 -14.19	43.41 3.60 -1.21	62.53 5.01 0.00	250.73 19.75 0.00	40.28 3.25 0.00	37.44 3.08 0.00	32.79 2.55 -2.39
ASTORIA___5 23518	33.81 -0.25 -37.43	30.80 0.07 -29.62	28.22 0.05 -27.55	27.91 0.53 -18.98	28.71 0.60 -18.30	27.16 0.30 -22.26	67.17 1.16 -49.12	47.94 1.89 -19.94	29.62 2.27 -0.18	27.40 2.06 0.00	30.41 1.22 -13.93	92.13 6.50 -19.71	29.35 0.44 -24.71	27.96 0.35 -23.83	30.13 -0.09 -31.26	32.10 -0.23 -34.87	34.67 1.21 -20.92	35.21 1.82 -14.19	43.39 3.58 -1.21	62.53 5.01 0.00	250.73 19.74 0.00	40.27 3.24 0.00	37.41 3.04 0.00	32.80 2.56 -2.39
AST_ENERGY_2_CC3 323677	33.28 -0.24 -36.89	29.20 0.06 -28.02	28.21 0.05 -27.54	27.87 0.50 -18.97	28.32 0.57 -17.94	27.14 0.28 -22.26	30.54 1.15 -12.49	30.99 1.84 -3.04	-3.47 2.19 32.83	2.49 1.98 24.83	29.75 1.18 -13.32	92.20 6.56 -19.71	29.34 0.43 -24.71	27.96 0.35 -23.83	30.13 -0.09 -31.26	32.10 -0.23 -34.87	34.65 1.19 -20.92	35.18 1.79 -14.19	43.37 3.55 -1.21	62.53 5.01 0.00	250.75 19.77 0.00	40.23 3.20 0.00	37.39 3.03 0.00	32.77 2.53 -2.39
AST_ENERGY_2_CC4 323678	33.28 -0.24 -36.89	29.20 0.06 -28.02	28.21 0.05 -27.54	27.87 0.50 -18.97	28.32 0.57 -17.94	27.14 0.28 -22.26	30.54 1.15 -12.49	30.99 1.84 -3.04	-3.47 2.19 32.83	2.49 1.98 24.83	29.75 1.18 -13.32	92.20 6.56 -19.71	29.34 0.43 -24.71	27.96 0.35 -23.83	30.13 -0.09 -31.26	32.10 -0.23 -34.87	34.65 1.19 -20.92	35.18 1.79 -14.19	43.37 3.55 -1.21	62.53 5.01 0.00	250.75 19.77 0.00	40.23 3.20 0.00	37.39 3.03 0.00	32.77 2.53 -2.39

ATHENS_STG_1 23668	35.41 -0.16 -38.95	31.98 0.05 -30.82	29.32 0.03 -28.66	28.52 0.37 -19.74	29.27 0.42 -19.04	27.95 0.20 -23.16	68.78 0.78 -51.10	48.05 1.20 -20.74	28.70 1.34 -0.18	26.48 1.14 0.00	30.57 0.72 -14.60	89.94 3.21 -20.81	30.62 0.21 -26.20	29.24 0.18 -25.27	32.06 -0.05 -33.15	34.31 -0.12 -36.98	35.35 0.63 -22.19	35.21 0.97 -15.05	41.81 1.93 -1.28	60.21 2.69 0.00	241.31 10.33 0.00	38.77 1.74 0.00	36.09 1.72 0.00	31.80 1.44 -2.52
ATHENS_STG_2 23670	35.41 -0.16 -38.95	31.98 0.05 -30.82	29.32 0.03 -28.66	28.52 0.37 -19.74	29.27 0.42 -19.04	27.95 0.20 -23.16	68.78 0.78 -51.10	48.05 1.20 -20.74	28.70 1.34 -0.18	26.48 1.14 0.00	30.57 0.72 -14.60	89.94 3.21 -20.81	30.62 0.21 -26.20	29.24 0.18 -25.27	32.06 -0.05 -33.15	34.31 -0.12 -36.98	35.35 0.63 -22.19	35.21 0.97 -15.05	41.81 1.93 -1.28	60.21 2.69 0.00	241.31 10.33 0.00	38.77 1.74 0.00	36.09 1.72 0.00	31.80 1.44 -2.52
ATHENS_STG_3 23677	35.41 -0.16 -38.95	31.98 0.05 -30.82	29.32 0.03 -28.66	28.52 0.37 -19.74	29.27 0.42 -19.04	27.95 0.20 -23.16	68.78 0.78 -51.10	48.05 1.20 -20.74	28.70 1.34 -0.18	26.48 1.14 0.00	30.57 0.72 -14.60	89.94 3.21 -20.81	30.62 0.21 -26.20	29.24 0.18 -25.27	32.06 -0.05 -33.15	34.31 -0.12 -36.98	35.35 0.63 -22.19	35.21 0.97 -15.05	41.81 1.93 -1.28	60.21 2.69 0.00	241.31 10.33 0.00	38.77 1.74 0.00	36.09 1.72 0.00	31.80 1.44 -2.52
AUBURN____LFGE 323710	-2.67 0.02 -0.69	1.95 -0.01 -0.84	1.14 -0.01 -0.53	9.18 -0.08 -0.86	10.98 -0.05 -1.22	5.85 0.00 -1.26	18.85 -0.03 -1.99	26.88 -0.10 -0.87	27.77 -0.07 -0.67	25.06 -0.28 0.00	15.28 -0.23 -0.26	49.67 -0.50 15.75	7.34 -0.05 -3.18	7.27 -0.04 -3.53	3.36 0.01 -4.39	2.17 0.02 -4.69	15.14 -0.07 -2.67	21.07 -0.17 -2.04	40.04 -0.25 -1.69	58.27 0.14 -0.61	233.16 1.48 -0.70	36.55 0.14 0.62	34.80 0.06 -0.37	26.23 0.05 1.67
BABYLON_RES_REC 323704	50.61 -0.28 -54.27	52.85 0.08 -51.65	45.92 0.06 -45.24	44.27 0.63 -35.24	39.90 0.72 -29.37	51.73 0.35 -46.78	71.93 1.40 -53.64	59.88 2.18 -31.59	62.22 2.59 -32.46	49.06 2.22 -21.50	55.28 1.30 -38.72	103.29 6.20 -31.17	49.00 0.44 -44.35	49.10 0.35 -44.96	54.69 -0.10 -55.83	55.74 -0.24 -58.51	58.25 1.17 -44.53	63.28 1.81 -42.28	94.34 3.79 -51.96	113.81 5.42 -50.88	312.09 21.66 -59.45	96.32 3.51 -55.79	53.11 3.27 -15.47	56.10 2.79 -25.47
BALL_HILL_WT_PWR 323825	-2.38 0.24 -0.75	-0.40 -0.06 1.45	0.95 -0.07 -0.41	4.76 -0.56 3.09	3.57 -0.61 5.63	-1.02 -0.28 5.34	9.47 -1.02 6.40	21.17 -1.57 3.37	21.59 -1.17 4.42	24.18 -0.95 0.21	15.06 -0.47 -0.28	4.82 -1.74 59.36	7.26 -0.19 -3.25	3.34 -0.16 0.29	0.45 0.07 -1.42	0.76 0.11 -3.19	14.76 -0.72 -2.94	17.52 -1.22 0.45	22.34 -2.31 13.95	45.35 -3.54 8.64	213.73 -11.76 5.49	19.52 -2.13 15.38	12.79 -2.14 19.44	4.80 -1.75 21.29
BARON_WINDS____WT_PWR 323822	-2.14 0.27 -0.96	-9.69 -0.10 10.71	0.44 -0.07 0.12	-11.33 -0.72 19.01	-24.25 -0.76 33.30	-27.43 -0.36 31.67	-17.77 -1.33 33.34	-20.67 -2.57 44.21	-16.59 -2.10 41.66	18.35 -1.83 5.16	14.58 -1.03 -0.36	-33.21 -2.99 96.14	7.33 -0.32 -3.45	-9.81 -0.27 13.33	-9.73 0.10 8.79	-4.71 0.19 2.37	15.36 -0.98 -3.80	9.57 -1.43 8.19	-27.49 -2.73 63.37	20.18 -3.66 33.68	191.99 -13.63 25.36	-17.69 -2.31 52.41	-43.00 -2.52 74.85	-40.47 -2.08 66.23
BARRETT_IC_1 23704	49.80 -0.24 -53.41	51.71 0.07 -50.53	45.02 0.06 -44.34	43.41 0.60 -34.41	39.27 0.66 -28.80	50.43 0.30 -45.53	71.56 1.22 -53.44	58.65 1.89 -30.65	60.11 2.32 -30.62	48.17 2.06 -20.77	54.42 1.28 -37.88	103.26 6.55 -30.78	48.33 0.44 -43.69	48.38 0.36 -44.24	53.86 -0.10 -54.99	54.94 -0.23 -57.70	57.43 1.15 -43.73	62.28 1.77 -41.32	92.44 3.61 -50.23	111.60 4.93 -49.15	308.12 19.70 -57.44	94.15 3.23 -53.89	52.35 3.04 -14.94	55.10 2.57 -24.69
BARRETT_IC_10 23701	49.80 -0.24 -53.41	51.71 0.07 -50.53	45.02 0.06 -44.34	43.41 0.60 -34.41	39.27 0.66 -28.80	50.43 0.30 -45.53	71.56 1.22 -53.44	58.65 1.89 -30.65	60.11 2.32 -30.62	48.17 2.06 -20.77	54.42 1.28 -37.88	103.26 6.55 -30.78	48.33 0.44 -43.69	48.38 0.36 -44.24	53.86 -0.10 -54.99	54.94 -0.23 -57.70	57.43 1.15 -43.73	62.28 1.77 -41.32	92.44 3.61 -50.23	111.60 4.93 -49.15	308.12 19.70 -57.44	94.15 3.23 -53.89	52.35 3.04 -14.94	55.10 2.57 -24.69
BARRETT_IC_11 23702	49.80 -0.24 -53.41	51.71 0.07 -50.53	45.02 0.06 -44.34	43.41 0.60 -34.41	39.27 0.66 -28.80	50.43 0.30 -45.53	71.56 1.22 -53.44	58.65 1.89 -30.65	60.11 2.32 -30.62	48.17 2.06 -20.77	54.42 1.28 -37.88	103.26 6.55 -30.78	48.33 0.44 -43.69	48.38 0.36 -44.24	53.86 -0.10 -54.99	54.94 -0.23 -57.70	57.43 1.15 -43.73	62.28 1.77 -41.32	92.44 3.61 -50.23	111.60 4.93 -49.15	308.12 19.70 -57.44	94.15 3.23 -53.89	52.35 3.04 -14.94	55.10 2.57 -24.69
BARRETT_IC_12 23703	49.80 -0.24 -53.41	51.71 0.07 -50.53	45.02 0.06 -44.34	43.41 0.60 -34.41	39.27 0.66 -28.80	50.43 0.30 -45.53	71.56 1.22 -53.44	58.65 1.89 -30.65	60.11 2.32 -30.62	48.17 2.06 -20.77	54.42 1.28 -37.88	103.26 6.55 -30.78	48.33 0.44 -43.69	48.38 0.36 -44.24	53.86 -0.10 -54.99	54.94 -0.23 -57.70	57.43 1.15 -43.73	62.28 1.77 -41.32	92.44 3.61 -50.23	111.60 4.93 -49.15	308.12 19.70 -57.44	94.15 3.23 -53.89	52.35 3.04 -14.94	55.10 2.57 -24.69
BARRETT_IC_2 23705	49.80 -0.24 -53.41	51.71 0.07 -50.53	45.02 0.06 -44.34	43.41 0.60 -34.41	39.27 0.66 -28.80	50.43 0.30 -45.53	71.56 1.22 -53.44	58.65 1.89 -30.65	60.11 2.32 -30.62	48.17 2.06 -20.77	54.42 1.28 -37.88	103.26 6.55 -30.78	48.33 0.44 -43.69	48.38 0.36 -44.24	53.86 -0.10 -54.99	54.94 -0.23 -57.70	57.43 1.15 -43.73	62.28 1.77 -41.32	92.44 3.61 -50.23	111.60 4.93 -49.15	308.12 19.70 -57.44	94.15 3.23 -53.89	52.35 3.04 -14.94	55.10 2.57 -24.69
BARRETT_IC_3 23706	49.80 -0.24 -53.41	51.71 0.07 -50.53	45.02 0.06 -44.34	43.41 0.60 -34.41	39.27 0.66 -28.80	50.43 0.30 -45.53	71.56 1.22 -53.44	58.65 1.89 -30.65	60.11 2.32 -30.62	48.17 2.06 -20.77	54.42 1.28 -37.88	103.26 6.55 -30.78	48.33 0.44 -43.69	48.38 0.36 -44.24	53.86 -0.10 -54.99	54.94 -0.23 -57.70	57.43 1.15 -43.73	62.28 1.77 -41.32	92.44 3.61 -50.23	111.60 4.93 -49.15	308.12 19.70 -57.44	94.15 3.23 -53.89	52.35 3.04 -14.94	55.10 2.57 -24.69
BARRETT_IC_4 23707	49.80 -0.24 -53.41	51.71 0.07 -50.53	45.02 0.06 -44.34	43.41 0.60 -34.41	39.27 0.66 -28.80	50.43 0.30 -45.53	71.56 1.22 -53.44	58.65 1.89 -30.65	60.11 2.32 -30.62	48.17 2.06 -20.77	54.42 1.28 -37.88	103.26 6.55 -30.78	48.33 0.44 -43.69	48.38 0.36 -44.24	53.86 -0.10 -54.99	54.94 -0.23 -57.70	57.43 1.15 -43.73	62.28 1.77 -41.32	92.44 3.61 -50.23	111.60 4.93 -49.15	308.12 19.70 -57.44	94.15 3.23 -53.89	52.35 3.04 -14.94	55.10 2.57 -24.69
BARRETT_IC_5 23708	49.80 -0.24 -53.41	51.71 0.07 -50.53	45.02 0.06 -44.34	43.41 0.60 -34.41	39.27 0.66 -28.80	50.43 0.30 -45.53	71.56 1.22 -53.44	58.65 1.89 -30.65	60.11 2.32 -30.62	48.17 2.06 -20.77	54.42 1.28 -37.88	103.26 6.55 -30.78	48.33 0.44 -43.69	48.38 0.36 -44.24	53.86 -0.10 -54.99	54.94 -0.23 -57.70	57.43 1.15 -43.73	62.28 1.77 -41.32	92.44 3.61 -50.23	111.60 4.93 -49.15	308.12 19.70 -57.44	94.15 3.23 -53.89	52.35 3.04 -14.94	55.10 2.57 -24.69

BARRETT_IC_6 23709	49.80 -0.24 -53.41	51.71 0.07 -50.53	45.02 0.06 -44.34	43.41 0.60 -34.41	39.27 0.66 -28.80	50.43 0.30 -45.53	71.56 1.22 -53.44	58.65 1.89 -30.65	60.11 2.32 -30.62	48.17 2.06 -20.77	54.42 1.28 -37.88	103.26 6.55 -30.78	48.33 0.44 -43.69	48.38 0.36 -44.24	53.86 -0.10 -54.99	54.94 -0.23 -57.70	57.43 1.15 -43.73	62.28 1.77 -41.32	92.44 3.61 -50.23	111.60 4.93 -49.15	308.12 19.70 -57.44	94.15 3.23 -53.89	52.35 3.04 -14.94	55.10 2.57 -24.69
BARRETT_IC_7 23710	49.82 -0.22 -53.41	51.72 0.08 -50.53	45.02 0.06 -44.34	43.41 0.59 -34.41	39.26 0.65 -28.80	50.43 0.30 -45.53	71.56 1.22 -53.44	58.65 1.89 -30.65	60.11 2.31 -30.62	48.17 2.06 -20.77	54.42 1.28 -37.88	103.21 6.51 -30.78	48.33 0.44 -43.69	48.38 0.36 -44.24	53.86 -0.10 -54.99	54.94 -0.23 -57.70	57.43 1.15 -43.73	62.29 1.77 -41.32	92.44 3.61 -50.23	111.60 4.93 -49.15	308.08 19.67 -57.44	94.15 3.23 -53.89	52.38 3.07 -14.94	55.10 2.56 -24.69
BARRETT_IC_8 23711	49.80 -0.24 -53.41	51.71 0.07 -50.53	45.02 0.06 -44.34	43.41 0.60 -34.41	39.27 0.66 -28.80	50.43 0.30 -45.53	71.56 1.22 -53.44	58.65 1.89 -30.65	60.11 2.32 -30.62	48.17 2.06 -20.77	54.42 1.28 -37.88	103.26 6.55 -30.78	48.33 0.44 -43.69	48.38 0.36 -44.24	53.86 -0.10 -54.99	54.94 -0.23 -57.70	57.43 1.15 -43.73	62.28 1.77 -41.32	92.44 3.61 -50.23	111.60 4.93 -49.15	308.12 19.70 -57.44	94.15 3.23 -53.89	52.35 3.04 -14.94	55.10 2.57 -24.69
BARRETT_IC_9 23700	49.80 -0.24 -53.41	51.71 0.07 -50.53	45.02 0.06 -44.34	43.41 0.60 -34.41	39.27 0.66 -28.80	50.43 0.30 -45.53	71.56 1.22 -53.44	58.65 1.89 -30.65	60.11 2.32 -30.62	48.17 2.06 -20.77	54.42 1.28 -37.88	103.26 6.55 -30.78	48.33 0.44 -43.69	48.38 0.36 -44.24	53.86 -0.10 -54.99	54.94 -0.23 -57.70	57.43 1.15 -43.73	62.28 1.77 -41.32	92.44 3.61 -50.23	111.60 4.93 -49.15	308.12 19.70 -57.44	94.15 3.23 -53.89	52.35 3.04 -14.94	55.10 2.57 -24.69
BARRETT___1 23545	49.80 -0.24 -53.41	51.71 0.07 -50.53	45.02 0.06 -44.34	43.41 0.60 -34.41	39.27 0.66 -28.80	50.43 0.30 -45.53	71.56 1.22 -53.44	58.65 1.89 -30.65	60.11 2.32 -30.62	48.17 2.06 -20.77	54.42 1.28 -37.88	103.26 6.55 -30.78	48.33 0.44 -43.69	48.38 0.36 -44.24	53.86 -0.10 -54.99	54.94 -0.23 -57.70	57.43 1.15 -43.73	62.28 1.77 -41.32	92.44 3.61 -50.23	111.60 4.93 -49.15	308.12 19.70 -57.44	94.15 3.23 -53.89	52.35 3.04 -14.94	55.10 2.57 -24.69
BARRETT___2 23546	49.80 -0.24 -53.41	51.71 0.07 -50.53	45.02 0.06 -44.34	43.41 0.60 -34.41	39.27 0.66 -28.80	50.43 0.30 -45.53	71.56 1.22 -53.44	58.65 1.89 -30.65	60.11 2.32 -30.62	48.17 2.06 -20.77	54.42 1.28 -37.88	103.26 6.55 -30.78	48.33 0.44 -43.69	48.38 0.36 -44.24	53.86 -0.10 -54.99	54.94 -0.23 -57.70	57.43 1.15 -43.73	62.28 1.77 -41.32	92.44 3.61 -50.23	111.60 4.93 -49.15	308.12 19.70 -57.44	94.15 3.23 -53.89	52.35 3.04 -14.94	55.10 2.57 -24.69
BATAVIA___115KV_TB1 55881	-2.59 0.13 -0.65	0.53 -0.05 0.54	0.98 -0.05 -0.41	6.60 -0.34 1.47	6.68 -0.34 2.79	1.86 -0.13 2.60	13.52 -0.52 2.85	23.65 -0.89 1.57	24.23 -0.74 2.20	24.57 -0.77 0.00	15.03 -0.46 -0.24	21.06 -1.03 43.83	6.95 -0.19 -2.94	4.73 -0.16 -1.10	1.38 0.06 -2.36	1.01 0.10 -3.45	14.48 -0.64 -2.59	18.52 -1.14 -0.46	29.63 -1.78 7.19	50.14 -2.48 4.91	220.60 -7.58 2.80	26.61 -1.13 9.29	22.04 -1.24 11.08	13.59 -0.91 13.34
BAYONEEC___CTG1 323682	33.81 -0.24 -37.43	30.80 0.07 -29.62	28.22 0.05 -27.55	27.90 0.51 -18.98	28.70 0.58 -18.30	27.15 0.29 -22.26	67.19 1.18 -49.12	47.94 1.89 -19.93	29.59 2.24 -0.18	27.37 2.03 0.00	30.40 1.21 -13.93	92.27 6.63 -19.71	29.34 0.43 -24.71	27.96 0.35 -23.83	30.13 -0.09 -31.26	32.09 -0.24 -34.87	34.66 1.20 -20.92	35.20 1.82 -14.19	43.41 3.60 -1.21	62.62 5.10 0.00	251.12 20.14 0.00	40.28 3.25 0.00	37.44 3.08 0.00	32.80 2.57 -2.39
BAYONEEC___CTG10 323750	33.81 -0.24 -37.43	30.80 0.07 -29.62	28.22 0.05 -27.55	27.90 0.51 -18.98	28.70 0.58 -18.30	27.15 0.29 -22.26	67.19 1.18 -49.12	47.94 1.89 -19.93	29.59 2.24 -0.18	27.37 2.03 0.00	30.40 1.21 -13.93	92.27 6.63 -19.71	29.34 0.43 -24.71	27.96 0.35 -23.83	30.13 -0.09 -31.26	32.09 -0.24 -34.87	34.66 1.20 -20.92	35.20 1.82 -14.19	43.41 3.60 -1.21	62.62 5.10 0.00	251.12 20.14 0.00	40.28 3.25 0.00	37.44 3.08 0.00	32.80 2.57 -2.39
BAYONEEC___CTG2 323683	33.81 -0.24 -37.43	30.80 0.07 -29.62	28.22 0.05 -27.55	27.90 0.51 -18.98	28.70 0.58 -18.30	27.15 0.29 -22.26	67.19 1.18 -49.12	47.94 1.89 -19.93	29.59 2.24 -0.18	27.37 2.03 0.00	30.40 1.21 -13.93	92.27 6.63 -19.71	29.34 0.43 -24.71	27.96 0.35 -23.83	30.13 -0.09 -31.26	32.09 -0.24 -34.87	34.66 1.20 -20.92	35.20 1.82 -14.19	43.41 3.60 -1.21	62.62 5.10 0.00	251.12 20.14 0.00	40.28 3.25 0.00	37.44 3.08 0.00	32.80 2.57 -2.39
BAYONEEC___CTG3 323684	33.81 -0.24 -37.43	30.80 0.07 -29.62	28.22 0.05 -27.55	27.90 0.51 -18.98	28.70 0.58 -18.30	27.15 0.29 -22.26	67.19 1.18 -49.12	47.94 1.89 -19.93	29.59 2.24 -0.18	27.37 2.03 0.00	30.40 1.21 -13.93	92.27 6.63 -19.71	29.34 0.43 -24.71	27.96 0.35 -23.83	30.13 -0.09 -31.26	32.09 -0.24 -34.87	34.66 1.20 -20.92	35.20 1.82 -14.19	43.41 3.60 -1.21	62.62 5.10 0.00	251.12 20.14 0.00	40.28 3.25 0.00	37.44 3.08 0.00	32.80 2.57 -2.39
BAYONEEC___CTG4 323685	33.81 -0.24 -37.43	30.80 0.07 -29.62	28.22 0.05 -27.55	27.90 0.51 -18.98	28.70 0.58 -18.30	27.15 0.29 -22.26	67.19 1.18 -49.12	47.94 1.89 -19.93	29.59 2.24 -0.18	27.37 2.03 0.00	30.40 1.21 -13.93	92.27 6.63 -19.71	29.34 0.43 -24.71	27.96 0.35 -23.83	30.13 -0.09 -31.26	32.09 -0.24 -34.87	34.66 1.20 -20.92	35.20 1.82 -14.19	43.41 3.60 -1.21	62.62 5.10 0.00	251.12 20.14 0.00	40.28 3.25 0.00	37.44 3.08 0.00	32.80 2.57 -2.39
BAYONEEC___CTG5 323686	33.81 -0.24 -37.43	30.80 0.07 -29.62	28.22 0.05 -27.55	27.90 0.51 -18.98	28.70 0.58 -18.30	27.15 0.29 -22.26	67.19 1.18 -49.12	47.94 1.89 -19.93	29.59 2.24 -0.18	27.37 2.03 0.00	30.40 1.21 -13.93	92.27 6.63 -19.71	29.34 0.43 -24.71	27.96 0.35 -23.83	30.13 -0.09 -31.26	32.09 -0.24 -34.87	34.66 1.20 -20.92	35.20 1.82 -14.19	43.41 3.60 -1.21	62.62 5.10 0.00	251.12 20.14 0.00	40.28 3.25 0.00	37.44 3.08 0.00	32.80 2.57 -2.39
BAYONEEC___CTG6 323687	33.81 -0.24 -37.43	30.80 0.07 -29.62	28.22 0.05 -27.55	27.90 0.51 -18.98	28.70 0.58 -18.30	27.15 0.29 -22.26	67.19 1.18 -49.12	47.94 1.89 -19.93	29.59 2.24 -0.18	27.37 2.03 0.00	30.40 1.21 -13.93	92.27 6.63 -19.71	29.34 0.43 -24.71	27.96 0.35 -23.83	30.13 -0.09 -31.26	32.09 -0.24 -34.87	34.66 1.20 -20.92	35.20 1.82 -14.19	43.41 3.60 -1.21	62.62 5.10 0.00	251.12 20.14 0.00	40.28 3.25 0.00	37.44 3.08 0.00	32.80 2.57 -2.39
BAYONEEC___CTG7 323688	33.81 -0.24 -37.43	30.80 0.07 -29.62	28.22 0.05 -27.55	27.90 0.51 -18.98	28.70 0.58 -18.30	27.15 0.29 -22.26	67.19 1.18 -49.12	47.94 1.89 -19.93	29.59 2.24 -0.18	27.37 2.03 0.00	30.40 1.21 -13.93	92.27 6.63 -19.71	29.34 0.43 -24.71	27.96 0.35 -23.83	30.13 -0.09 -31.26	32.09 -0.24 -34.87	34.66 1.20 -20.92	35.20 1.82 -14.19	43.41 3.60 -1.21	62.62 5.10 0.00	251.12 20.14 0.00	40.28 3.25 0.00	37.44 3.08 0.00	32.80 2.57 -2.39

BAYONEEC___CTG8 323689	33.81 -0.24 -37.43	30.80 0.07 -29.62	28.22 0.05 -27.55	27.90 0.51 -18.98	28.70 0.58 -18.30	27.15 0.29 -22.26	67.19 1.18 -49.12	47.94 1.89 -19.93	29.59 2.24 -0.18	27.37 2.03 0.00	30.40 1.21 -13.93	92.27 6.63 -19.71	29.34 0.43 -24.71	27.96 0.35 -23.83	30.13 -0.09 -31.26	32.09 -0.24 -34.87	34.66 1.20 -20.92	35.20 1.82 -14.19	43.41 3.60 -1.21	62.62 5.10 0.00	251.12 20.14 0.00	40.28 3.25 0.00	37.44 3.08 0.00	32.80 2.57 -2.39
BAYONEEC___CTG9 323749	33.81 -0.24 -37.43	30.80 0.07 -29.62	28.22 0.05 -27.55	27.90 0.51 -18.98	28.70 0.58 -18.30	27.15 0.29 -22.26	67.19 1.18 -49.12	47.94 1.89 -19.93	29.59 2.24 -0.18	27.37 2.03 0.00	30.40 1.21 -13.93	92.27 6.63 -19.71	29.34 0.43 -24.71	27.96 0.35 -23.83	30.13 -0.09 -31.26	32.09 -0.24 -34.87	34.66 1.20 -20.92	35.20 1.82 -14.19	43.41 3.60 -1.21	62.62 5.10 0.00	251.12 20.14 0.00	40.28 3.25 0.00	37.44 3.08 0.00	32.80 2.57 -2.39
BAYPORT_69_KV_BK 2 356364	49.16 -0.30 -52.83	50.97 0.09 -49.77	44.41 0.07 -43.72	42.93 0.68 -33.84	39.02 0.79 -28.42	49.66 0.38 -44.68	71.68 1.50 -53.28	59.21 2.32 -30.78	60.20 2.69 -30.34	47.56 2.25 -19.98	53.48 1.26 -36.97	102.24 5.95 -30.35	47.59 0.42 -42.97	47.59 0.34 -43.47	52.95 -0.09 -54.09	54.06 -0.23 -56.83	56.57 1.17 -42.86	61.33 1.85 -40.29	90.91 3.94 -48.37	110.51 5.71 -47.28	309.29 23.06 -55.25	92.56 3.70 -51.84	52.23 3.48 -14.37	54.58 2.89 -23.84
BEACON___LESR 323632	37.78 -0.16 -41.31	33.85 0.05 -32.69	31.06 0.03 -30.40	29.74 0.39 -20.95	30.45 0.44 -20.20	29.36 0.19 -24.57	71.84 0.74 -54.21	49.20 1.08 -22.01	28.44 1.07 -0.20	26.33 0.99 0.00	31.31 0.60 -15.45	90.45 2.22 -22.31	32.60 0.15 -28.24	31.19 0.16 -27.24	34.65 -0.04 -35.73	37.22 -0.10 -39.86	36.99 0.54 -23.91	36.27 0.85 -16.22	41.65 1.66 -1.39	59.79 2.27 0.00	239.63 8.65 0.00	38.58 1.56 0.00	35.88 1.51 0.00	31.73 1.26 -2.63
BEAVER RIVER___HYD 24048	-3.18 0.20 0.00	1.07 -0.04 0.00	0.57 -0.05 0.00	7.87 -0.54 0.00	9.20 -0.61 0.00	4.31 -0.29 0.00	10.03 -1.02 5.85	24.69 -1.42 0.00	25.64 -1.54 0.00	24.04 -1.30 0.00	14.20 -1.06 0.00	61.34 -5.22 -0.64	5.05 -0.31 -1.16	4.63 -0.27 -1.12	0.50 0.07 -1.47	-0.72 0.18 -1.64	12.60 -0.92 -0.98	18.62 -1.24 -0.67	36.61 -2.05 -0.06	55.89 -1.64 0.00	226.98 -4.00 0.00	35.58 -1.45 0.00	32.71 -1.66 0.00	14.58 -1.75 11.52
BEEBEE_GT_13 23619	-2.68 0.11 -0.59	1.54 -0.04 -0.47	1.02 -0.04 -0.43	8.40 -0.30 -0.30	9.77 -0.32 -0.29	4.81 -0.13 -0.35	17.16 -0.51 -0.77	26.19 -0.73 -0.82	27.11 -0.52 -0.46	25.23 -0.39 -0.28	15.24 -0.23 -0.22	32.95 -0.44 32.53	6.86 -0.09 -2.75	6.39 -0.10 -2.71	2.51 0.03 -3.53	1.44 0.05 -3.93	14.55 -0.33 -2.34	20.02 -0.65 -1.47	37.29 -1.11 0.19	54.61 -1.73 1.18	225.36 -5.62 0.00	32.59 -0.98 3.46	30.50 -1.10 2.77	21.07 -0.85 5.93
BENSHRST_27_KV_BENSHRST_1 355998	33.80 -0.26 -37.43	30.82 0.08 -29.62	28.23 0.06 -27.55	27.98 0.60 -18.98	28.79 0.68 -18.30	27.19 0.33 -22.26	67.36 1.35 -49.12	48.20 2.16 -19.94	29.87 2.52 -0.18	27.61 2.27 0.00	30.55 1.37 -13.93	92.82 7.18 -19.71	29.39 0.48 -24.71	27.99 0.38 -23.83	30.12 -0.10 -31.26	32.07 -0.26 -34.87	34.80 1.34 -20.92	35.41 2.03 -14.19	43.83 4.01 -1.21	63.26 5.74 0.00	253.78 22.79 -0.01	40.74 3.71 0.00	37.84 3.47 0.00	33.09 2.85 -2.39
BETHLEHEM___GRP 23843	37.85 -0.09 -41.32	33.85 0.04 -32.70	31.06 0.03 -30.41	29.64 0.28 -20.95	30.32 0.31 -20.20	29.30 0.12 -24.58	71.58 0.47 -54.22	48.79 0.67 -22.01	28.04 0.67 -0.20	25.98 0.64 0.00	31.13 0.42 -15.46	89.64 1.40 -22.32	32.57 0.11 -28.25	31.15 0.12 -27.25	34.68 -0.03 -35.74	37.26 -0.07 -39.87	36.84 0.38 -23.92	36.01 0.59 -16.22	41.07 1.08 -1.39	58.88 1.36 0.00	235.93 4.96 0.00	38.04 1.02 0.00	35.43 1.06 0.00	31.37 0.90 -2.63
BETHLEHEM___GS1 323560	37.84 -0.11 -41.32	33.85 0.04 -32.70	31.06 0.03 -30.41	29.64 0.28 -20.95	30.32 0.31 -20.20	29.30 0.12 -24.58	71.57 0.46 -54.22	48.79 0.67 -22.01	28.04 0.67 -0.20	25.98 0.64 0.00	31.13 0.42 -15.46	89.64 1.40 -22.32	32.57 0.11 -28.25	31.15 0.12 -27.25	34.68 -0.03 -35.74	37.26 -0.07 -39.87	36.84 0.38 -23.92	36.01 0.59 -16.22	41.06 1.08 -1.39	58.88 1.36 0.00	235.93 4.95 0.00	38.04 1.02 0.00	35.41 1.04 0.00	31.37 0.89 -2.63
BETHLEHEM___GS2 323561	37.84 -0.11 -41.32	33.85 0.04 -32.70	31.06 0.03 -30.41	29.64 0.28 -20.95	30.32 0.31 -20.20	29.30 0.12 -24.58	71.57 0.46 -54.22	48.79 0.67 -22.01	28.04 0.67 -0.20	25.98 0.64 0.00	31.13 0.42 -15.46	89.64 1.40 -22.32	32.57 0.11 -28.25	31.15 0.12 -27.25	34.68 -0.03 -35.74	37.26 -0.07 -39.87	36.84 0.38 -23.92	36.01 0.59 -16.22	41.06 1.08 -1.39	58.88 1.36 0.00	235.93 4.95 0.00	38.04 1.02 0.00	35.41 1.04 0.00	31.37 0.89 -2.63
BETHLEHEM___GS3 323562	37.84 -0.11 -41.32	33.85 0.04 -32.70	31.06 0.03 -30.41	29.64 0.28 -20.95	30.32 0.31 -20.20	29.30 0.12 -24.58	71.57 0.46 -54.22	48.79 0.67 -22.01	28.04 0.67 -0.20	25.98 0.64 0.00	31.13 0.42 -15.46	89.64 1.40 -22.32	32.57 0.11 -28.25	31.15 0.12 -27.25	34.68 -0.03 -35.74	37.26 -0.07 -39.87	36.84 0.38 -23.92	36.01 0.59 -16.22	41.06 1.08 -1.39	58.88 1.36 0.00	235.93 4.95 0.00	38.04 1.02 0.00	35.41 1.04 0.00	31.37 0.89 -2.63
BETHLEHEM___STEEL 23779	-2.43 0.20 -0.74	-0.37 -0.08 1.41	0.95 -0.07 -0.40	4.83 -0.56 3.01	3.71 -0.61 5.49	-0.88 -0.27 5.20	9.60 -1.07 6.22	21.22 -1.62 3.27	21.70 -1.17 4.30	24.22 -0.94 0.18	15.03 -0.50 -0.28	7.08 -1.21 57.64	7.21 -0.20 -3.21	3.40 -0.17 0.21	0.49 0.07 -1.46	0.77 0.12 -3.19	14.72 -0.72 -2.90	17.53 -1.25 0.42	22.66 -2.35 13.58	45.39 -3.73 8.41	212.48 -13.15 5.34	19.94 -2.13 14.96	13.24 -2.21 18.92	5.45 -1.69 20.70
BETHLHEM_115KV_TB1 79974	37.83 -0.10 -41.30	33.84 0.04 -32.68	31.04 0.03 -30.39	29.64 0.29 -20.94	30.32 0.32 -20.19	29.29 0.13 -24.56	71.59 0.50 -54.19	48.83 0.72 -22.00	28.10 0.73 -0.20	26.03 0.69 0.00	31.15 0.44 -15.45	89.76 1.53 -22.30	32.56 0.12 -28.23	31.13 0.12 -27.23	34.65 -0.03 -35.72	37.23 -0.08 -39.84	36.85 0.40 -23.91	36.03 0.62 -16.21	41.15 1.17 -1.39	59.00 1.48 0.00	236.54 5.56 0.00	38.12 1.09 0.00	35.50 1.13 0.00	31.42 0.95 -2.63
BETHPAGE_CC_5 323564	51.53 -0.28 -55.19	54.05 0.08 -52.85	46.89 0.06 -46.21	45.17 0.64 -36.12	40.52 0.74 -29.97	53.07 0.35 -48.12	72.18 1.41 -53.88	60.51 2.20 -32.21	63.87 2.65 -34.05	50.28 2.30 -22.64	56.66 1.37 -40.04	104.29 6.58 -31.78	50.06 0.46 -45.40	50.24 0.38 -46.09	55.99 -0.10 -57.13	56.98 -0.25 -59.77	59.57 1.24 -45.79	64.85 1.88 -43.77	97.13 3.87 -54.66	116.61 5.51 -53.58	315.52 21.92 -62.62	99.34 3.55 -58.75	53.95 3.29 -16.29	57.38 2.84 -26.70
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	-2.43 0.20 -0.74	-0.24 -0.07 1.28	0.97 -0.07 -0.42	5.04 -0.55 2.81	4.08 -0.59 5.14	-0.55 -0.27 4.88	9.84 -1.03 6.02	21.38 -1.55 3.18	21.89 -1.10 4.18	24.24 -0.89 0.21	15.05 -0.48 -0.28	6.15 -1.08 58.70	7.25 -0.20 -3.24	3.50 -0.16 0.12	0.58 0.07 -1.55	0.82 0.12 -3.25	14.76 -0.70 -2.93	17.65 -1.21 0.34	23.10 -2.25 13.24	45.68 -3.56 8.27	213.27 -12.50 5.21	20.15 -2.04 14.84	13.60 -2.13 18.63	5.57 -1.66 20.62

BINGHAMTON___COGEN 23790	-1.69 0.03 -1.65	2.75 -0.02 -1.65	1.84 -0.02 -1.24	9.70 -0.13 -1.42	11.52 -0.12 -1.83	6.51 -0.05 -1.96	20.15 -0.11 -3.37	26.82 -0.18 -0.89	27.12 -0.11 -0.05	24.59 -0.27 0.48	15.65 -0.24 -0.64	135.47 0.66 -68.88	12.40 0.03 -8.16	11.61 0.03 -7.80	9.22 0.00 -10.26	8.89 -0.02 -11.45	19.54 0.09 -6.91	24.25 0.17 -4.88	40.06 0.45 -1.01	59.60 0.79 -1.30	234.55 3.57 0.00	43.99 0.48 -6.49	39.76 0.37 -5.02	40.39 0.30 -12.24
BIXINCNT_115KV_LOAD 355685	-2.37 0.22 -0.78	0.40 -0.08 0.63	1.03 -0.07 -0.48	6.11 -0.58 1.72	5.93 -0.62 3.26	1.19 -0.27 3.13	10.65 -1.04 5.20	21.96 -1.35 2.80	22.55 -0.91 3.71	24.12 -0.91 0.30	15.03 -0.52 -0.29	2.24 -0.29 63.40	7.37 -0.24 -3.40	3.99 -0.17 -0.38	1.06 0.08 -2.02	1.21 0.14 -3.60	14.80 -0.78 -3.04	18.02 -1.13 0.04	24.55 -2.18 11.87	46.48 -3.29 7.75	216.22 -10.12 4.64	20.96 -1.70 14.36	14.69 -2.16 17.52	5.47 -2.02 20.35
BLACK RIVER___HYD 24047	-3.16 0.21 0.00	1.07 -0.04 0.00	0.57 -0.06 0.00	7.83 -0.57 0.00	9.16 -0.65 0.00	4.30 -0.29 0.00	11.96 -1.00 3.94	24.74 -1.38 0.00	25.68 -1.49 0.00	23.92 -1.42 0.00	14.04 -1.21 0.00	60.92 -5.83 -0.82	5.35 -0.35 -1.50	4.94 -0.29 -1.45	0.94 0.08 -1.90	-0.22 0.20 -2.12	12.82 -0.99 -1.27	18.68 -1.38 -0.86	36.42 -2.25 -0.07	55.99 -1.53 0.00	227.97 -3.01 0.00	35.64 -1.39 0.00	32.64 -1.73 0.00	18.33 -1.81 7.70
BLACKRVR_115KV_TB2 79977	-3.17 0.21 0.00	1.07 -0.04 0.00	0.57 -0.06 0.00	7.83 -0.57 0.00	9.16 -0.65 0.00	4.30 -0.29 0.00	11.96 -1.00 3.94	24.73 -1.38 0.00	25.67 -1.50 0.00	23.92 -1.42 0.00	14.04 -1.21 0.00	60.86 -5.89 -0.82	5.35 -0.35 -1.50	4.94 -0.29 -1.45	0.94 0.08 -1.90	-0.22 0.20 -2.12	12.82 -0.99 -1.27	18.68 -1.38 -0.86	36.42 -2.25 -0.07	55.99 -1.53 0.00	227.97 -3.01 0.00	35.63 -1.40 0.00	32.63 -1.74 0.00	18.33 -1.81 7.70
BLISS_WT_PWR 323608	-2.30 0.29 -0.78	0.40 -0.08 0.63	1.03 -0.08 -0.48	6.07 -0.62 1.72	5.87 -0.67 3.26	1.18 -0.29 3.13	10.57 -1.12 5.20	21.87 -1.44 2.80	22.45 -1.01 3.71	24.01 -1.03 0.30	14.96 -0.58 -0.29	0.68 -1.85 63.40	7.34 -0.27 -3.40	3.97 -0.19 -0.38	1.06 0.08 -2.02	1.22 0.16 -3.60	14.74 -0.84 -3.04	17.97 -1.18 0.04	24.41 -2.32 11.87	46.30 -3.47 7.75	215.71 -10.63 4.64	20.86 -1.80 14.36	14.56 -2.29 17.52	5.20 -2.29 20.35
BLUESTONE___WT_PWR 323821	6.27 -0.20 -9.84	9.18 -0.01 -8.07	7.86 -0.02 -7.26	13.98 0.10 -5.48	15.60 0.14 -5.66	11.26 0.00 -6.67	31.16 0.33 -13.93	31.92 0.43 -5.37	27.96 0.52 -0.27	25.30 0.21 0.25	18.82 -0.12 -3.68	103.88 0.15 -37.80	14.68 0.01 -10.47	13.86 0.02 -10.06	12.18 0.00 -13.21	12.17 -0.03 -14.74	21.54 0.14 -8.86	25.68 0.38 -6.11	41.60 1.02 -1.98	61.28 2.88 -0.89	241.14 10.16 0.00	40.86 0.75 -3.08	36.74 0.33 -2.04	34.02 0.37 -5.81
BLUE_CIRC_CHEM_DRP 24182	37.47 -0.13 -40.97	33.59 0.05 -32.43	30.81 0.03 -30.15	29.53 0.35 -20.77	30.25 0.41 -20.04	29.14 0.18 -24.37	71.34 0.68 -53.77	48.87 0.93 -21.83	28.26 0.89 -0.20	26.17 0.83 0.00	31.12 0.53 -15.33	89.96 1.93 -22.10	32.31 0.14 -27.96	30.89 0.14 -26.97	34.31 -0.04 -35.38	36.84 -0.09 -39.46	36.65 0.43 -23.68	35.94 0.69 -16.06	41.40 1.42 -1.37	59.56 2.04 0.00	238.88 7.90 0.00	38.44 1.41 0.00	35.79 1.42 0.00	31.69 1.17 -2.67
BOC_GAS_DRP 24189	37.71 -0.11 -41.20	33.75 0.04 -32.60	30.97 0.02 -30.32	29.58 0.29 -20.89	30.28 0.32 -20.14	29.24 0.14 -24.50	71.51 0.56 -54.06	48.88 0.82 -21.95	28.21 0.84 -0.20	26.14 0.80 0.00	31.18 0.51 -15.41	90.19 2.04 -22.23	32.48 0.14 -28.13	31.05 0.14 -27.13	34.52 -0.04 -35.60	37.08 -0.09 -39.70	36.80 0.44 -23.82	36.03 0.68 -16.15	41.30 1.32 -1.38	59.29 1.77 0.00	237.73 6.75 0.00	38.23 1.20 0.00	35.60 1.23 0.00	31.49 1.03 -2.62
BOONVILLE_115KV_TB1 79983	-3.34 0.04 0.00	1.11 0.00 0.00	0.60 -0.02 0.00	8.27 -0.13 0.00	9.68 -0.13 0.00	4.54 -0.05 0.00	20.63 -0.13 -3.87	25.98 0.43 0.00	27.00 0.52 0.00	25.24 -0.10 0.00	14.94 -0.31 0.00	64.67 -1.87 -0.61	5.20 -0.11 -1.11	4.76 -0.09 -1.08	0.40 0.02 -1.41	-0.91 0.06 -1.57	13.21 -0.27 -0.94	19.55 -0.29 -0.64	38.54 -0.12 -0.06	58.25 0.73 0.00	235.46 4.48 0.00	37.21 0.18 0.00	34.30 -0.07 0.00	35.26 -0.36 -7.78
BORALEX_4TH_BRANCH 23824	37.90 -0.20 -41.47	34.00 0.07 -32.82	31.18 0.04 -30.52	29.93 0.50 -21.03	30.67 0.59 -20.28	29.53 0.26 -24.66	72.26 0.94 -54.42	49.59 1.38 -22.09	28.77 1.40 -0.20	26.68 1.34 0.00	31.56 0.80 -15.51	91.50 3.16 -22.41	32.80 0.21 -28.38	31.37 0.22 -27.37	34.81 -0.06 -35.91	37.37 -0.14 -40.05	37.29 0.72 -24.03	36.63 1.14 -16.30	42.23 2.24 -1.40	60.58 3.06 0.00	242.70 11.72 0.00	39.12 2.09 0.00	36.56 2.19 0.00	32.26 1.77 -2.64
BOWLINE___1 23526	33.37 -0.23 -36.97	30.43 0.06 -29.26	27.87 0.04 -27.21	27.63 0.48 -18.75	28.44 0.55 -18.08	26.86 0.28 -21.99	66.53 1.12 -48.52	47.54 1.74 -19.69	29.34 1.99 -0.18	27.10 1.76 0.00	30.08 1.07 -13.75	98.15 5.64 -26.58	28.88 0.37 -24.31	27.52 0.30 -23.44	29.63 -0.08 -30.75	31.55 -0.21 -34.30	34.17 1.05 -20.58	34.76 1.59 -13.98	42.97 3.18 -1.19	62.26 4.57 -0.17	249.10 18.12 0.00	40.68 2.92 -0.73	37.72 2.76 -0.59	33.79 2.32 -3.63
BOWLINE___2 23595	33.37 -0.23 -36.98	30.43 0.06 -29.26	27.88 0.04 -27.21	27.63 0.48 -18.75	28.44 0.55 -18.08	26.86 0.28 -21.99	66.53 1.12 -48.52	47.54 1.74 -19.69	29.34 1.99 -0.18	27.10 1.76 0.00	30.08 1.07 -13.75	98.15 5.64 -26.58	28.88 0.37 -24.31	27.52 0.30 -23.44	29.63 -0.08 -30.75	31.55 -0.21 -34.30	34.17 1.05 -20.58	34.76 1.59 -13.98	42.97 3.18 -1.19	62.26 4.57 -0.17	249.10 18.12 0.00	40.68 2.92 -0.73	37.72 2.76 -0.59	33.79 2.32 -3.63
BRADY___115KV_TB2 356060	-3.33 0.05 0.00	1.10 -0.02 0.00	0.61 -0.01 0.00	8.31 -0.10 0.00	9.70 -0.11 0.00	4.54 -0.05 0.00	15.06 -0.30 1.53	25.69 -0.42 0.00	26.65 -0.52 0.00	24.83 -0.51 0.00	14.97 -0.29 0.00	64.23 -1.70 0.00	4.09 -0.11 0.00	3.67 -0.11 0.00	-1.01 0.03 0.00	-2.44 0.09 0.00	12.13 -0.41 0.00	18.64 -0.56 0.00	37.58 -1.02 0.00	56.55 -0.97 0.00	228.07 -2.91 0.00	36.39 -0.64 0.00	33.60 -0.77 0.00	24.15 -0.64 3.05
BRANSCOMB___SOLAR 323811	38.39 -0.20 -41.96	34.38 0.06 -33.20	31.54 0.04 -30.88	30.16 0.48 -21.27	30.90 0.57 -20.52	29.83 0.27 -24.96	73.01 1.06 -55.06	49.94 1.47 -22.35	28.83 1.46 -0.20	26.80 1.47 0.00	31.74 0.79 -15.70	91.90 3.23 -22.75	33.24 0.20 -28.84	31.79 0.20 -27.81	35.40 -0.06 -36.49	38.03 -0.14 -40.70	37.63 0.67 -24.42	36.90 1.15 -16.56	42.54 2.52 -1.42	61.20 3.68 0.00	245.48 14.50 0.00	39.45 2.43 0.00	36.68 2.31 0.00	32.36 1.82 -2.69
BRDGHMPT_69_KV_BK1 55812	48.97 -0.25 -52.60	50.65 0.08 -49.46	44.17 0.06 -43.48	42.62 0.59 -33.62	38.72 0.64 -28.27	49.24 0.30 -44.34	71.37 1.25 -53.23	58.64 1.86 -30.66	59.33 2.13 -30.03	46.72 1.63 -19.75	52.83 0.86 -36.71	100.46 4.30 -30.24	47.28 0.32 -42.76	47.28 0.25 -43.25	52.72 -0.07 -53.83	53.87 -0.18 -56.59	56.06 0.90 -42.62	60.66 1.47 -39.99	89.72 3.28 -47.84	109.02 4.76 -46.74	304.82 19.22 -54.63	91.29 3.01 -51.26	51.41 2.83 -14.21	53.77 2.33 -23.60

BRENTWOD_69_KV_W. BRTWOOD 56703	49.25 -0.28 -52.91	51.07 0.09 -49.87	44.49 0.06 -43.81	42.98 0.66 -33.92	39.04 0.75 -28.47	49.75 0.36 -44.80	71.66 1.46 -53.30	59.20 2.27 -30.82	60.27 2.67 -30.44	47.67 2.29 -20.04	53.62 1.32 -37.04	102.54 6.22 -30.39	47.67 0.44 -43.02	47.67 0.36 -43.53	53.03 -0.10 -54.16	54.13 -0.24 -56.91	56.65 1.18 -42.94	61.35 1.78 -40.37	90.76 3.65 -48.52	110.10 5.15 -47.43	307.00 20.59 -55.43	92.39 3.35 -52.01	52.15 3.36 -14.42	54.60 2.84 -23.91
BRISTLHL_115KV_TB1 79998	-3.27 0.10 0.00	1.08 -0.04 0.00	0.60 -0.02 0.00	8.13 -0.27 0.00	9.51 -0.30 0.00	4.46 -0.13 0.00	16.18 -0.46 0.26	25.45 -0.66 0.00	26.52 -0.65 0.00	24.64 -0.70 0.00	14.78 -0.47 0.00	65.32 -1.77 -1.17	6.22 -0.11 -2.12	5.72 -0.11 -2.05	1.68 0.03 -2.68	0.52 0.06 -2.99	13.98 -0.36 -1.80	19.83 -0.58 -1.22	37.56 -1.15 -0.10	55.95 -1.57 0.00	225.01 -5.97 0.00	36.06 -0.97 0.00	33.42 -0.94 0.00	26.63 -0.78 0.43
BROOKHAVEN___DRP 24191	48.94 -0.27 -52.59	50.65 0.08 -49.45	44.16 0.06 -43.47	42.63 0.61 -33.61	38.78 0.71 -28.26	49.26 0.34 -44.33	71.47 1.35 -53.22	58.84 2.07 -30.66	59.60 2.42 -30.01	47.07 1.98 -19.74	53.06 1.10 -36.70	101.52 5.36 -30.23	47.34 0.39 -42.75	47.33 0.31 -43.24	52.70 -0.09 -53.82	53.83 -0.21 -56.58	56.19 1.04 -42.61	60.83 1.65 -39.98	89.95 3.54 -47.82	109.34 5.10 -46.73	306.04 20.46 -54.61	91.55 3.29 -51.23	51.70 3.13 -14.21	54.05 2.61 -23.59
BROOKLYN_NAVY_YARD 23515	33.82 -0.24 -37.43	30.80 0.06 -29.62	28.22 0.05 -27.55	27.86 0.48 -18.98	28.66 0.55 -18.30	27.14 0.28 -22.26	67.15 1.14 -49.12	47.91 1.86 -19.93	29.55 2.21 -0.18	27.33 1.99 0.00	30.36 1.18 -13.93	92.10 6.46 -19.71	29.34 0.42 -24.71	27.95 0.34 -23.83	30.13 -0.09 -31.26	32.10 -0.23 -34.87	34.63 1.17 -20.92	35.16 1.78 -14.19	43.31 3.50 -1.21	62.43 4.91 0.00	250.34 19.36 0.00	40.21 3.18 0.00	37.37 3.00 0.00	32.73 2.49 -2.39
BROOKLYN___ARMY_DRP 323595	33.81 -0.24 -37.43	30.82 0.08 -29.62	28.22 0.05 -27.55	27.95 0.57 -18.98	28.75 0.64 -18.30	27.17 0.31 -22.26	67.29 1.27 -49.12	48.08 2.04 -19.94	29.74 2.39 -0.18	27.49 2.14 0.00	30.47 1.29 -13.93	92.49 6.85 -19.71	29.37 0.45 -24.71	27.97 0.36 -23.83	30.12 -0.10 -31.26	32.08 -0.25 -34.87	34.73 1.27 -20.92	35.31 1.93 -14.19	43.62 3.80 -1.21	62.94 5.42 0.00	252.52 21.54 -0.01	40.54 3.51 0.00	37.66 3.30 0.00	32.96 2.72 -2.39
BROOME_2_LFGE 323671	-1.67 0.05 -1.65	2.75 -0.02 -1.65	1.84 -0.02 -1.24	9.70 -0.13 -1.42	11.52 -0.12 -1.83	6.51 -0.05 -1.96	20.15 -0.11 -3.37	26.81 -0.19 -0.89	27.11 -0.11 -0.05	24.58 -0.28 0.48	15.65 -0.24 -0.64	135.38 0.57 -68.88	12.40 0.03 -8.16	11.61 0.03 -7.80	9.22 0.00 -10.26	8.89 -0.02 -11.45	19.54 0.09 -6.91	24.24 0.17 -4.88	40.06 0.44 -1.01	59.61 0.79 -1.30	234.58 3.60 0.00	43.99 0.47 -6.49	39.75 0.36 -5.02	40.38 0.29 -12.24
BROOME___LFGE 323600	-1.67 0.05 -1.65	2.75 -0.02 -1.65	1.84 -0.02 -1.24	9.70 -0.13 -1.42	11.52 -0.12 -1.83	6.51 -0.05 -1.96	20.15 -0.11 -3.37	26.81 -0.19 -0.89	27.11 -0.11 -0.05	24.58 -0.28 0.48	15.65 -0.24 -0.64	135.38 0.57 -68.88	12.40 0.03 -8.16	11.61 0.03 -7.80	9.22 0.00 -10.26	8.89 -0.02 -11.45	19.54 0.09 -6.91	24.24 0.17 -4.88	40.06 0.44 -1.01	59.61 0.79 -1.30	234.58 3.60 0.00	43.99 0.47 -6.49	39.75 0.36 -5.02	40.38 0.29 -12.24
BROWNFLS_115KV_TB_3_5 80003	-3.19 0.19 0.00	1.06 -0.05 0.00	0.58 -0.05 0.00	7.90 -0.50 0.00	9.23 -0.58 0.00	4.32 -0.28 0.00	11.63 -1.05 4.21	24.60 -1.51 0.00	25.59 -1.59 0.00	24.04 -1.30 0.00	14.34 -0.91 0.00	61.86 -4.53 -0.46	4.76 -0.28 -0.84	4.33 -0.27 -0.81	0.09 0.07 -1.06	-1.16 0.19 -1.18	12.31 -0.94 -0.71	18.40 -1.28 -0.48	36.37 -2.27 -0.04	55.13 -2.39 0.00	223.18 -7.80 0.00	35.22 -1.80 0.00	32.45 -1.92 0.00	17.78 -1.78 8.29
BROWNSV1_27_KV_LOAD 356125	33.81 -0.24 -37.43	30.81 0.08 -29.62	28.22 0.05 -27.55	27.94 0.55 -18.98	28.74 0.63 -18.30	27.17 0.32 -22.26	67.29 1.28 -49.12	48.10 2.05 -19.93	29.76 2.41 -0.18	27.52 2.18 0.00	30.49 1.31 -13.93	92.66 7.01 -19.71	29.37 0.46 -24.71	27.98 0.37 -23.83	30.12 -0.10 -31.26	32.08 -0.25 -34.87	34.74 1.28 -20.92	35.33 1.95 -14.19	43.68 3.86 -1.21	63.00 5.49 0.00	252.65 21.67 0.00	40.53 3.50 0.00	37.69 3.32 0.00	32.96 2.72 -2.39
BURROWS___LYONSDAL 23803	-3.29 0.08 0.00	1.10 -0.01 0.00	0.59 -0.03 0.00	8.15 -0.25 0.00	9.54 -0.27 0.00	4.48 -0.12 0.00	16.52 -0.38 0.00	25.63 -0.48 0.00	26.62 -0.55 0.00	24.92 -0.42 0.00	14.73 -0.52 0.00	63.71 -2.83 -0.62	5.16 -0.16 -1.12	4.72 -0.14 -1.08	0.42 0.04 -1.42	-0.86 0.09 -1.59	13.06 -0.43 -0.95	19.31 -0.52 -0.64	38.05 -0.60 -0.06	57.70 0.18 0.00	233.52 2.54 0.00	36.79 -0.24 0.00	33.89 -0.48 0.00	27.21 -0.75 -0.11
CAITHNESS_CC_1 323624	48.93 -0.28 -52.59	50.63 0.07 -49.44	44.15 0.06 -43.47	42.61 0.60 -33.61	38.76 0.70 -28.26	49.25 0.33 -44.32	71.43 1.31 -53.22	58.80 2.03 -30.65	59.58 2.40 -30.01	47.07 1.99 -19.74	53.06 1.11 -36.69	101.56 5.40 -30.23	47.34 0.39 -42.75	47.32 0.31 -43.23	52.69 -0.09 -53.81	53.82 -0.21 -56.57	56.18 1.04 -42.60	60.80 1.63 -39.98	89.87 3.47 -47.80	109.22 4.99 -46.71	305.58 20.01 -54.59	91.46 3.22 -51.22	51.62 3.05 -14.20	54.01 2.58 -23.59
CALPINE BETH_PAGE_GT4 24209	52.55 -0.27 -56.20	55.37 0.09 -54.17	47.94 0.06 -47.26	46.14 0.65 -37.09	41.18 0.74 -30.63	54.53 0.36 -49.58	72.47 1.42 -54.15	61.23 2.21 -32.91	65.72 2.66 -35.90	51.63 2.33 -23.96	58.20 1.38 -41.56	105.07 6.66 -32.48	51.27 0.46 -46.61	51.54 0.38 -47.38	57.50 -0.10 -58.64	58.43 -0.25 -61.22	61.02 1.25 -47.24	66.57 1.88 -45.49	100.21 3.85 -57.77	119.67 5.45 -56.70	318.99 21.74 -66.26	102.71 3.51 -62.17	54.88 3.28 -17.24	58.81 2.84 -28.12
CALPINE_BETH_PAGE_GT_4 323586	52.54 -0.29 -56.20	55.36 0.08 -54.17	47.95 0.06 -47.26	46.15 0.65 -37.09	41.18 0.74 -30.63	54.54 0.36 -49.58	72.47 1.42 -54.15	61.23 2.21 -32.91	65.72 2.66 -35.90	51.63 2.32 -23.96	58.20 1.38 -41.56	105.06 6.65 -32.48	51.27 0.46 -46.61	51.54 0.38 -47.38	57.50 -0.10 -58.64	58.43 -0.25 -61.22	61.02 1.25 -47.24	66.57 1.88 -45.49	100.21 3.84 -57.77	119.67 5.45 -56.70	318.99 21.74 -66.26	102.72 3.52 -62.17	54.87 3.26 -17.24	58.81 2.85 -28.12
CALPINE_BP_GT1 23823	52.54 -0.29 -56.20	55.36 0.08 -54.17	47.95 0.06 -47.26	46.15 0.65 -37.09	41.18 0.74 -30.63	54.54 0.36 -49.58	72.47 1.42 -54.15	61.23 2.21 -32.91	65.72 2.66 -35.90	51.63 2.32 -23.96	58.20 1.38 -41.56	105.06 6.65 -32.48	51.27 0.46 -46.61	51.54 0.38 -47.38	57.50 -0.10 -58.64	58.43 -0.25 -61.22	61.02 1.25 -47.24	66.57 1.88 -45.49	100.21 3.84 -57.77	119.67 5.45 -56.70	318.99 21.74 -66.26	102.72 3.52 -62.17	54.87 3.26 -17.24	58.81 2.85 -28.12
CALSPAN___DRP 24200	-2.43 0.20 -0.74	-0.37 -0.08 1.41	0.95 -0.07 -0.40	4.83 -0.56 3.01	3.71 -0.61 5.49	-0.88 -0.27 5.20	9.60 -1.07 6.22	21.22 -1.62 3.27	21.70 -1.17 4.30	24.22 -0.94 0.18	15.03 -0.50 -0.28	7.08 -1.21 57.64	7.21 -0.20 -3.21	3.40 -0.17 0.21	0.49 0.07 -1.46	0.77 0.12 -3.19	14.72 -0.72 -2.90	17.53 -1.25 0.42	22.66 -2.35 13.58	45.39 -3.73 8.41	212.48 -13.15 5.34	19.94 -2.13 14.96	13.24 -2.21 18.92	5.45 -1.69 20.70

CALVERTON___SOLAR 323806	48.93 -0.29 -52.59	50.64 0.08 -49.45	44.16 0.06 -43.48	42.64 0.62 -33.62	38.79 0.72 -28.26	49.27 0.34 -44.33	71.48 1.36 -53.23	58.86 2.09 -30.66	59.62 2.43 -30.02	47.05 1.96 -19.75	53.04 1.08 -36.70	101.50 5.34 -30.23	47.34 0.38 -42.75	47.32 0.31 -43.24	52.70 -0.08 -53.82	53.84 -0.21 -56.58	56.19 1.04 -42.61	60.83 1.65 -39.99	90.00 3.58 -47.82	109.42 5.17 -46.73	306.41 20.82 -54.61	91.59 3.33 -51.24	51.72 3.14 -14.21	54.07 2.64 -23.59
CANDIGU_WT_PWR 323617	-2.14 0.27 -0.96	-9.69 -0.10 10.71	0.44 -0.07 0.12	-11.33 -0.72 19.01	-24.25 -0.76 33.30	-27.43 -0.36 31.67	-17.77 -1.33 33.34	-20.67 -2.57 44.21	-16.59 -2.10 41.66	18.35 -1.83 5.16	14.58 -1.03 -0.36	-33.21 -2.99 96.14	7.33 -0.32 -3.45	-9.81 -0.27 13.33	-9.73 0.10 8.79	-4.71 0.19 2.37	15.36 -0.98 -3.80	9.57 -1.43 8.19	-27.49 -2.73 63.37	20.18 -3.66 33.68	191.99 -13.63 25.36	-17.69 -2.31 52.41	-43.00 -2.52 74.85	-40.47 -2.08 66.23
CARR STREET_E_SYR 24060	-3.32 0.06 0.00	1.09 -0.02 0.00	0.61 -0.02 0.00	8.26 -0.14 0.00	9.65 -0.15 0.00	4.53 -0.06 0.00	16.70 -0.19 0.00	26.11 -0.26 -0.26	26.94 -0.23 0.00	25.07 -0.27 0.00	15.23 -0.21 -0.18	66.82 -0.52 -1.41	6.59 -0.04 -2.42	6.09 -0.03 -2.34	2.04 0.01 -3.07	0.90 0.02 -3.42	14.48 -0.11 -2.05	20.38 -0.21 -1.39	38.35 -0.37 -0.12	57.07 -0.45 0.00	229.60 -1.38 0.00	36.75 -0.28 0.00	34.06 -0.31 0.00	27.71 -0.27 -0.13
CARTHAGE___PAPER 23857	-3.18 0.20 0.00	1.07 -0.04 0.00	0.57 -0.05 0.00	7.86 -0.55 0.00	9.19 -0.62 0.00	4.31 -0.29 0.00	11.20 -1.01 4.68	24.71 -1.40 0.00	25.65 -1.52 0.00	23.98 -1.36 0.00	14.13 -1.12 0.00	61.17 -5.51 -0.75	5.24 -0.33 -1.37	4.82 -0.28 -1.32	0.77 0.07 -1.73	-0.42 0.19 -1.93	12.74 -0.96 -1.16	18.68 -1.30 -0.78	36.52 -2.14 -0.07	55.93 -1.59 0.00	227.42 -3.56 0.00	35.60 -1.43 0.00	32.67 -1.70 0.00	16.89 -1.78 9.18
CASSADAGA_WT_PWR 323784	-2.30 0.30 -0.77	0.21 -0.09 0.81	1.01 -0.08 -0.47	5.73 -0.65 2.02	5.31 -0.70 3.79	0.65 -0.32 3.63	10.18 -1.07 5.64	21.55 -1.55 3.01	21.98 -1.22 3.97	24.09 -0.98 0.28	15.09 -0.45 -0.29	1.66 -2.05 62.22	7.34 -0.22 -3.36	3.75 -0.17 -0.14	0.85 0.08 -1.81	1.05 0.13 -3.46	14.69 -0.86 -3.01	17.65 -1.35 0.19	23.41 -2.54 12.64	45.92 -3.51 8.08	215.83 -10.20 4.95	19.80 -2.46 14.77	13.76 -2.36 18.25	4.88 -2.21 20.75
CE_DUNWOOD___DRP 24194	33.82 -0.22 -37.41	30.78 0.07 -29.60	28.20 0.05 -27.53	27.87 0.50 -18.97	28.67 0.57 -18.29	27.13 0.29 -22.25	67.13 1.15 -49.09	47.85 1.81 -19.92	29.47 2.12 -0.18	27.24 1.90 0.00	30.33 1.15 -13.92	91.64 6.03 -19.68	29.29 0.39 -24.69	27.91 0.32 -23.81	30.11 -0.09 -31.23	32.08 -0.22 -34.84	34.56 1.12 -20.90	35.08 1.71 -14.17	43.22 3.41 -1.21	62.36 4.84 0.00	250.06 19.08 0.00	40.13 3.10 0.00	37.30 2.93 0.00	32.66 2.43 -2.39
CE_MILLWOOD___DRP 24193	33.77 -0.22 -37.36	30.74 0.07 -29.56	28.16 0.05 -27.49	27.83 0.49 -18.94	28.63 0.56 -18.27	27.09 0.28 -22.22	67.04 1.13 -49.02	47.79 1.79 -19.90	29.42 2.07 -0.18	27.18 1.84 0.00	30.28 1.12 -13.90	91.41 5.83 -19.65	29.23 0.38 -24.64	27.86 0.31 -23.76	30.05 -0.08 -31.17	32.02 -0.22 -34.77	34.49 1.09 -20.86	35.01 1.66 -14.15	43.13 3.32 -1.21	62.25 4.72 0.00	249.60 18.62 0.00	40.06 3.03 0.00	37.23 2.86 0.00	32.60 2.37 -2.39
CE_NYC2_DRP 24202	33.82 -0.23 -37.43	30.81 0.07 -29.62	28.22 0.05 -27.55	27.92 0.53 -18.98	28.71 0.60 -18.30	27.16 0.30 -22.26	67.19 1.18 -49.12	47.95 1.90 -19.94	29.63 2.28 -0.18	27.41 2.07 0.00	30.41 1.23 -13.93	92.21 6.58 -19.71	29.35 0.44 -24.71	27.96 0.35 -23.83	30.13 -0.09 -31.26	32.09 -0.24 -34.87	34.68 1.22 -20.92	35.23 1.85 -14.19	43.45 3.63 -1.21	62.59 5.07 0.00	250.90 19.92 0.00	40.30 3.28 0.00	37.47 3.10 0.00	32.81 2.57 -2.39
CE_NYC_DRP 24195	33.85 -0.23 -37.45	30.87 0.07 -29.69	28.22 0.05 -27.55	27.90 0.52 -18.98	28.72 0.59 -18.32	27.16 0.30 -22.26	68.69 1.20 -50.60	48.65 1.92 -20.62	30.97 2.29 -1.51	28.41 2.06 -1.00	30.45 1.24 -13.96	92.39 6.75 -19.71	29.35 0.44 -24.71	27.97 0.36 -23.83	30.12 -0.10 -31.26	32.09 -0.24 -34.87	34.69 1.23 -20.92	35.25 1.86 -14.19	43.49 3.68 -1.21	62.72 5.20 0.00	251.46 20.48 0.00	40.34 3.31 0.00	37.51 3.14 0.00	32.83 2.59 -2.39
CHAFFEE___LFGE 323603	-2.36 0.25 -0.76	0.03 -0.07 1.01	1.00 -0.07 -0.44	5.49 -0.56 2.36	4.82 -0.62 4.37	0.17 -0.27 4.16	10.13 -1.04 5.72	21.48 -1.59 3.04	22.00 -1.16 4.01	24.13 -0.97 0.24	15.03 -0.51 -0.28	3.74 -1.68 60.51	7.30 -0.20 -3.31	3.68 -0.17 -0.07	0.76 0.07 -1.73	0.96 0.12 -3.38	14.79 -0.72 -2.97	17.72 -1.24 0.23	23.55 -2.31 12.74	45.79 -3.65 8.08	213.13 -12.86 4.99	20.26 -2.10 14.67	14.05 -2.09 18.23	5.60 -1.72 20.53
CHATEAUG_35_KV_LOAD 355732	-3.30 0.08 0.00	1.09 -0.02 0.00	0.61 -0.01 0.00	8.30 -0.11 0.00	9.68 -0.13 0.00	4.52 -0.07 0.00	16.04 -0.47 0.39	25.44 -0.67 0.00	26.38 -0.79 0.00	24.60 -0.74 0.00	14.85 -0.40 0.00	63.91 -2.01 0.00	4.11 -0.10 0.00	3.69 -0.09 0.00	-1.02 0.02 0.00	-2.46 0.08 0.00	12.17 -0.37 0.00	18.71 -0.48 0.00	37.79 -0.80 0.00	56.54 -0.98 0.00	227.71 -3.27 0.00	36.37 -0.66 0.00	33.50 -0.87 0.00	26.32 -0.76 0.77
CHATEAUG_WT_PWR 323614	-3.29 0.09 0.00	1.09 -0.02 0.00	0.61 -0.01 0.00	8.29 -0.11 0.00	9.68 -0.13 0.00	4.52 -0.07 0.00	16.02 -0.48 0.39	25.42 -0.69 0.00	26.34 -0.83 0.00	24.59 -0.75 0.00	14.85 -0.40 0.00	64.01 -1.92 0.00	4.12 -0.09 0.00	3.70 -0.08 0.00	-1.02 0.02 0.00	-2.46 0.08 0.00	12.19 -0.35 0.00	18.75 -0.44 0.00	37.78 -0.82 0.00	56.46 -1.06 0.00	227.39 -3.60 0.00	36.32 -0.71 0.00	33.44 -0.92 0.00	26.29 -0.79 0.77
CHAT_HIGH_FALL_HYD 323578	-3.30 0.08 0.00	1.09 -0.02 0.00	0.61 -0.01 0.00	8.30 -0.11 0.00	9.68 -0.13 0.00	4.52 -0.07 0.00	16.04 -0.47 0.39	25.44 -0.67 0.00	26.38 -0.79 0.00	24.60 -0.74 0.00	14.85 -0.40 0.00	63.91 -2.01 0.00	4.11 -0.10 0.00	3.69 -0.09 0.00	-1.02 0.02 0.00	-2.46 0.08 0.00	12.17 -0.37 0.00	18.71 -0.48 0.00	37.79 -0.80 0.00	56.54 -0.98 0.00	227.71 -3.27 0.00	36.37 -0.66 0.00	33.50 -0.87 0.00	26.32 -0.76 0.77
CHAUTAUQUA___LFGE 323629	-2.37 0.24 -0.76	-0.12 -0.06 1.16	0.98 -0.07 -0.43	5.24 -0.55 2.62	4.41 -0.58 4.81	-0.25 -0.27 4.58	9.97 -0.92 6.00	21.53 -1.41 3.18	21.94 -1.05 4.18	24.24 -0.86 0.24	15.14 -0.39 -0.28	3.39 -1.98 60.56	7.32 -0.18 -3.30	3.57 -0.14 0.07	0.64 0.11 -1.62	0.89 0.11 -3.32	14.81 -0.70 -2.97	17.71 -1.17 0.32	23.14 -2.21 13.25	46.02 -3.17 8.33	216.26 -9.51 5.21	19.99 -2.01 15.02	13.53 -2.06 18.78	5.16 -1.74 20.95
CHERRYST_13_KV_LD 356241	33.84 -0.24 -37.45	30.87 0.07 -29.69	28.22 0.05 -27.55	27.92 0.54 -18.98	28.74 0.62 -18.32	27.17 0.31 -22.26	68.74 1.25 -50.60	48.73 2.00 -20.62	31.06 2.38 -1.51	28.51 2.16 -1.00	30.51 1.30 -13.96	92.65 7.01 -19.71	29.37 0.46 -24.71	27.98 0.37 -23.83	30.12 -0.10 -31.26	32.08 -0.25 -34.87	34.74 1.28 -20.92	35.32 1.93 -14.19	43.62 3.81 -1.21	62.90 5.38 0.00	252.15 21.17 0.00	40.45 3.42 0.00	37.61 3.24 0.00	32.90 2.67 -2.39

CHESTROR_138KV_BK263 355645	32.73 -0.20 -36.30	29.90 0.06 -28.73	27.38 0.04 -26.72	27.27 0.45 -18.41	28.08 0.52 -17.75	26.45 0.26 -21.59	65.57 1.04 -47.64	47.05 1.61 -19.33	29.14 1.80 -0.17	26.92 1.58 0.00	29.70 0.96 -13.49	97.35 4.91 -26.52	28.23 0.32 -23.70	26.90 0.26 -22.86	28.88 -0.07 -29.99	30.72 -0.18 -33.45	33.53 0.92 -20.07	34.24 1.41 -13.63	42.68 2.85 -1.24	61.82 4.12 -0.18	247.25 16.27 0.00	40.44 2.64 -0.77	37.51 2.52 -0.63	33.57 2.08 -3.65
CH_MIDHUDSON___DRP 24192	34.19 -0.21 -37.78	31.08 0.07 -29.90	28.47 0.05 -27.80	28.05 0.49 -19.15	28.85 0.57 -18.47	27.34 0.28 -22.47	67.60 1.13 -49.58	48.01 1.77 -20.13	29.44 2.09 -0.18	27.17 1.83 0.00	30.53 1.11 -14.17	91.44 5.40 -20.12	29.84 0.36 -25.28	28.46 0.30 -24.38	30.86 -0.08 -31.98	32.93 -0.21 -35.67	35.00 1.05 -21.40	35.35 1.65 -14.51	43.18 3.34 -1.24	62.29 4.77 0.00	249.80 18.82 0.00	40.10 3.07 0.00	37.24 2.87 0.00	32.64 2.35 -2.44
CH_MISC_IPPS 23765	33.82 -0.24 -37.44	30.81 0.07 -29.63	28.22 0.05 -27.55	27.92 0.53 -18.98	28.73 0.62 -18.30	27.16 0.30 -22.27	67.24 1.22 -49.12	47.99 1.93 -19.95	29.66 2.30 -0.18	27.33 1.99 0.00	30.56 1.20 -14.11	91.68 5.73 -20.02	29.75 0.38 -25.16	28.37 0.33 -24.26	30.71 -0.09 -31.83	32.74 -0.22 -35.50	34.99 1.15 -21.30	35.44 1.80 -14.45	43.52 3.69 -1.24	62.89 5.37 0.00	252.27 21.29 0.00	40.46 3.43 0.00	37.55 3.18 0.00	32.86 2.58 -2.43
CH_RES_BVR_FALLS 23983	-3.35 0.03 0.00	1.11 -0.01 0.00	0.62 0.00 0.00	8.34 -0.06 0.00	9.73 -0.08 0.00	4.56 -0.04 0.00	16.72 -0.18 0.00	25.87 -0.24 0.00	26.89 -0.28 0.00	25.09 -0.25 0.00	15.11 -0.14 0.00	65.20 -0.73 0.00	4.17 -0.04 0.00	3.74 -0.04 0.00	-1.03 0.01 0.00	-2.51 0.03 0.00	12.42 -0.12 0.00	19.04 -0.16 0.00	38.30 -0.30 0.00	57.14 -0.37 0.00	229.59 -1.39 0.00	36.73 -0.30 0.00	34.02 -0.35 0.00	27.53 -0.32 0.00
CH_RES_NIAGARA 23895	-2.41 0.27 -0.69	0.05 -0.09 0.98	0.94 -0.08 -0.40	5.48 -0.68 2.24	4.92 -0.75 4.14	0.35 -0.34 3.91	10.99 -1.45 4.46	21.48 -2.25 2.39	22.23 -1.73 3.21	24.03 -1.31 0.00	14.77 -0.74 -0.26	13.79 -2.05 50.08	6.98 -0.27 -3.05	4.02 -0.22 -0.46	0.94 0.07 -1.91	0.89 0.13 -3.30	14.39 -0.87 -2.72	17.57 -1.66 -0.03	25.03 -3.35 10.22	45.24 -5.72 6.55	205.81 -21.15 4.02	21.64 -3.44 11.95	16.52 -3.07 14.77	8.92 -2.15 16.77
CH_RES_SYRACUSE 23985	-2.80 0.04 -0.53	1.52 -0.01 -0.42	1.00 -0.01 -0.39	8.57 -0.10 -0.27	9.97 -0.10 -0.26	4.88 -0.04 -0.32	17.49 -0.10 -0.70	26.25 -0.16 -0.29	27.03 -0.14 0.00	25.11 -0.23 0.00	15.27 -0.19 -0.20	57.62 -0.48 7.83	6.80 -0.03 -2.63	6.29 -0.03 -2.54	2.30 0.01 -3.33	1.19 0.02 -3.71	14.69 -0.08 -2.23	20.52 -0.15 -1.48	38.39 -0.25 -0.04	57.10 -0.19 0.22	230.64 -0.34 0.00	35.97 -0.11 0.95	33.43 -0.16 0.78	26.17 -0.14 1.54
CLINTON_WT_PWR 323605	-3.29 0.09 0.00	1.09 -0.02 0.00	0.61 -0.01 0.00	8.29 -0.11 0.00	9.68 -0.13 0.00	4.52 -0.07 0.00	16.02 -0.48 0.39	25.42 -0.69 0.00	26.34 -0.83 0.00	24.59 -0.75 0.00	14.85 -0.40 0.00	64.01 -1.92 0.00	4.12 -0.09 0.00	3.70 -0.08 0.00	-1.02 0.02 0.00	-2.46 0.08 0.00	12.19 -0.35 0.00	18.75 -0.44 0.00	37.78 -0.82 0.00	56.46 -1.06 0.00	227.39 -3.60 0.00	36.32 -0.71 0.00	33.44 -0.92 0.00	26.29 -0.79 0.77
CLINTON___LFGE 323618	-3.33 0.05 0.00	1.10 -0.01 0.00	0.62 0.00 0.00	8.38 -0.03 0.00	9.79 -0.02 0.00	4.58 -0.01 0.00	16.25 -0.25 0.39	25.80 -0.31 0.00	26.71 -0.46 0.00	24.97 -0.37 0.00	15.08 -0.17 0.00	64.86 -1.06 0.00	4.17 -0.03 0.00	3.73 -0.05 0.00	-1.03 0.00 0.00	-2.49 0.05 0.00	12.33 -0.21 0.00	19.01 -0.19 0.00	38.24 -0.36 0.00	57.10 -0.42 0.00	230.14 -0.84 0.00	36.81 -0.22 0.00	33.88 -0.49 0.00	26.59 -0.49 0.77
COBBLENY_34_KV_TB1 80064	-2.41 0.20 -0.76	0.02 -0.08 1.01	0.99 -0.07 -0.44	5.49 -0.56 2.36	4.84 -0.60 4.37	0.17 -0.27 4.16	10.13 -1.05 5.72	21.49 -1.58 3.04	22.02 -1.14 4.01	24.16 -0.94 0.24	15.03 -0.51 -0.28	4.03 -1.39 60.51	7.31 -0.20 -3.31	3.68 -0.17 -0.07	0.76 0.07 -1.73	0.96 0.12 -3.38	14.79 -0.72 -2.97	17.73 -1.24 0.23	23.55 -2.31 12.74	45.79 -3.65 8.08	213.13 -12.85 4.99	20.28 -2.08 14.67	13.98 -2.16 18.23	5.66 -1.66 20.53
COFFEEN___115KV_TB3 355620	-3.19 0.18 0.00	1.08 -0.04 0.00	0.57 -0.05 0.00	7.89 -0.51 0.00	9.23 -0.58 0.00	4.34 -0.26 3.81	12.22 -0.86 0.00	24.97 -1.14 0.00	25.92 -1.26 0.00	24.03 -1.31 0.00	14.08 -1.17 0.00	61.00 -5.76 -0.84	5.38 -0.35 -1.52	4.96 -0.29 -1.47	0.97 0.08 -1.93	-0.19 0.20 -2.15	12.85 -0.98 -1.29	18.71 -1.36 -0.87	36.53 -2.14 -0.08	56.36 -1.16 0.00	229.72 -1.27 0.00	35.93 -1.10 0.00	32.86 -1.51 0.00	18.76 -1.64 7.44
COLDSPRG_115KV_BK1 355956	-2.45 0.14 -0.79	0.81 -0.06 0.25	1.08 -0.06 -0.52	6.93 -0.39 1.09	7.25 -0.38 2.18	2.30 -0.17 2.13	11.30 -0.53 5.07	22.62 -0.74 2.75	23.20 -0.33 3.64	24.70 -0.31 0.33	15.44 -0.11 -0.29	1.17 0.09 64.85	7.55 -0.10 -3.45	4.21 -0.04 -0.47	1.12 0.05 -2.11	1.21 0.07 -3.68	15.13 -0.49 -3.08	18.44 -0.76 -0.01	25.63 -1.30 11.67	48.07 -1.76 7.69	222.14 -4.29 4.55	21.59 -1.07 14.37	15.76 -1.20 17.41	6.34 -1.06 20.44
COLONIE_LFGE___ 323577	38.18 -0.16 -41.72	34.17 0.05 -33.01	31.36 0.03 -30.70	29.94 0.39 -21.15	30.66 0.45 -20.40	29.62 0.21 -24.81	72.43 0.80 -54.74	49.50 1.17 -22.22	28.55 1.17 -0.20	26.48 1.14 0.00	31.53 0.67 -15.60	91.19 2.69 -22.58	32.99 0.18 -28.61	31.55 0.18 -27.59	35.10 -0.05 -36.19	37.71 -0.12 -40.37	37.36 0.60 -24.22	36.59 0.97 -16.43	41.97 1.96 -1.41	60.28 2.76 0.00	241.63 10.65 0.00	38.89 1.86 0.00	36.23 1.86 0.00	32.01 1.50 -2.67
COOPERNY_115KV_TB1 80082	28.14 -0.18 -31.71	26.26 0.06 -25.09	23.99 0.04 -23.33	24.92 0.44 -16.07	25.81 0.50 -15.50	23.69 0.24 -18.86	59.47 0.97 -41.60	44.50 1.50 -16.89	28.99 1.66 -0.15	26.81 1.47 0.00	27.96 0.89 -11.82	97.31 4.24 -27.15	25.04 0.28 -20.56	23.83 0.22 -19.83	24.91 -0.06 -26.01	26.31 -0.16 -29.01	30.74 0.80 -17.40	32.25 1.22 -11.84	42.12 2.38 -1.14	61.38 3.61 -0.25	245.16 14.18 0.00	40.40 2.29 -1.08	37.42 2.21 -0.85	33.55 1.83 -3.88
COPENHAGEN_WT_PWR 323753	-3.14 0.24 0.00	1.07 -0.05 0.00	0.56 -0.06 0.00	7.76 -0.64 0.00	9.08 -0.73 0.00	4.26 -0.33 0.00	12.17 -1.15 3.58	24.52 -1.59 0.00	25.46 -1.71 0.00	23.80 -1.54 0.00	13.97 -1.28 0.00	60.63 -6.16 -0.86	5.40 -0.37 -1.56	4.99 -0.30 -1.51	1.02 0.08 -1.98	-0.13 0.20 -2.21	12.84 -1.02 -1.32	18.66 -1.43 -0.90	36.27 -2.40 -0.08	55.76 -1.76 0.00	227.06 -3.92 0.00	35.40 -1.63 0.00	32.40 -1.97 0.00	18.85 -2.02 6.98
CORNELL_____ 23752	-1.98 -0.02 -1.41	3.02 0.00 -1.91	1.71 -0.01 -1.10	10.46 -0.02 -2.07	12.82 0.01 -3.00	7.70 0.02 -3.09	21.81 0.11 -4.80	28.36 0.13 -2.12	29.14 0.19 -1.77	25.14 -0.19 0.00	15.56 -0.22 -0.53	40.87 0.14 25.19	9.76 -0.02 -5.58	10.35 -0.01 -6.58	6.97 0.01 -8.00	5.82 0.00 -8.36	17.19 0.00 -4.66	23.11 0.04 -3.87	43.78 0.38 -4.81	63.12 1.12 -4.48	238.55 5.60 -1.98	38.16 0.75 -0.39	37.68 0.55 -2.76	27.13 0.41 1.13

CORONA__69_KV_TB1 355595	65.10 -0.25 -68.73	71.76 0.08 -70.57	61.11 0.06 -60.43	58.23 0.63 -49.20	49.39 0.71 -38.87	72.77 0.34 -67.83	75.85 1.38 -57.58	70.21 2.14 -41.95	89.16 2.58 -59.41	68.22 2.28 -40.60	77.39 1.39 -60.75	114.16 6.88 -41.35	66.48 0.47 -61.81	67.90 0.38 -63.73	76.50 -0.10 -77.64	76.72 -0.26 -79.51	79.33 1.27 -65.51	88.38 1.96 -67.23	139.62 3.98 -97.04	159.20 5.61 -96.07	365.54 22.29 -112.27	146.00 3.62 -105.34	66.95 3.37 -29.21	76.63 2.81 -45.98
CORTLAND__115KV_TB3 80093	-2.42 0.00 -0.95	2.16 -0.01 -1.06	1.33 -0.01 -0.72	9.36 -0.04 -1.00	11.14 -0.03 -1.36	6.02 0.00 -1.43	19.32 0.06 -2.36	27.26 0.06 -1.09	27.94 0.09 -0.68	25.25 -0.08 0.00	15.45 -0.16 -0.36	69.03 0.37 -2.74	8.94 0.01 -4.73	8.76 0.01 -4.97	5.27 0.00 -6.31	4.29 -0.01 -6.84	16.57 0.05 -3.98	22.28 0.11 -2.97	40.82 0.36 -1.86	59.94 0.87 -1.55	235.85 4.20 -0.67	38.69 0.56 -1.11	36.53 0.43 -1.73	29.73 0.32 -1.56
COXSACKIE__GT 23611	36.64 -0.26 -40.27	33.06 0.08 -31.87	30.31 0.05 -29.64	29.44 0.62 -20.42	30.22 0.72 -19.69	28.88 0.33 -23.95	71.07 1.33 -52.85	49.49 1.93 -21.46	28.96 1.60 -0.19	26.67 1.33 0.00	31.11 0.77 -15.09	90.48 2.86 -21.70	31.81 0.19 -27.42	30.42 0.20 -26.44	33.60 -0.05 -34.69	36.02 -0.14 -38.69	36.47 0.71 -23.22	36.10 1.16 -15.74	42.39 2.45 -1.35	61.59 4.07 0.00	246.16 15.18 0.00	39.91 2.88 0.00	36.97 2.60 0.00	32.49 2.02 -2.63
CPV_VALLEY__CC1 323721	31.72 -0.19 -35.28	29.09 0.05 -27.92	26.63 0.04 -25.96	26.71 0.41 -17.89	27.53 0.47 -17.25	25.81 0.23 -20.98	64.11 0.92 -46.30	46.34 1.44 -18.79	28.97 1.63 -0.17	26.79 1.45 0.00	29.25 0.88 -13.13	96.77 4.40 -26.44	27.37 0.30 -22.87	26.07 0.23 -22.06	27.83 -0.07 -28.94	29.57 -0.16 -32.27	32.74 0.83 -19.37	33.63 1.27 -13.16	42.34 2.54 -1.20	61.36 3.65 -0.19	245.34 14.36 0.00	40.20 2.35 -0.82	37.27 2.23 -0.67	33.40 1.88 -3.67
CPV_VALLEY__CC2 323722	31.72 -0.19 -35.28	29.09 0.05 -27.92	26.63 0.04 -25.96	26.71 0.41 -17.89	27.53 0.47 -17.25	25.81 0.23 -20.98	64.11 0.92 -46.30	46.34 1.44 -18.79	28.97 1.63 -0.17	26.79 1.45 0.00	29.25 0.88 -13.13	96.77 4.40 -26.44	27.37 0.30 -22.87	26.07 0.23 -22.06	27.83 -0.07 -28.94	29.57 -0.16 -32.27	32.74 0.83 -19.37	33.63 1.27 -13.16	42.34 2.54 -1.20	61.36 3.65 -0.19	245.34 14.36 0.00	40.20 2.35 -0.82	37.27 2.23 -0.67	33.40 1.88 -3.67
CRESCENT__HYD 24018	38.18 -0.16 -41.72	34.17 0.05 -33.01	31.36 0.03 -30.70	29.94 0.39 -21.15	30.66 0.45 -20.40	29.62 0.21 -24.81	72.43 0.80 -54.74	49.50 1.17 -22.22	28.55 1.17 -0.20	26.48 1.14 0.00	31.53 0.67 -15.60	91.19 2.69 -22.58	32.99 0.18 -28.61	31.55 0.18 -27.59	35.10 -0.05 -36.19	37.71 -0.12 -40.37	37.36 0.60 -24.22	36.59 0.97 -16.43	41.97 1.96 -1.41	60.28 2.76 0.00	241.63 10.65 0.00	38.89 1.86 0.00	36.23 1.86 0.00	32.01 1.50 -2.67
CRICKET__VALLEY_CC1 323756	34.66 -0.20 -38.24	31.43 0.06 -30.26	28.81 0.04 -28.14	28.23 0.44 -19.39	29.01 0.50 -18.70	27.58 0.25 -22.75	68.06 0.99 -50.18	48.05 1.57 -20.37	29.23 1.88 -0.18	27.00 1.66 0.00	30.53 1.04 -14.24	91.14 5.00 -20.21	29.94 0.33 -25.40	28.56 0.28 -24.50	31.03 -0.08 -32.14	33.12 -0.19 -35.85	35.00 0.95 -21.51	35.28 1.50 -14.59	42.87 3.03 -1.25	61.72 4.20 0.00	247.08 16.10 0.00	39.76 2.73 0.00	36.90 2.53 0.00	32.41 2.12 -2.45
CRICKET__VALLEY_CC2 323757	34.66 -0.20 -38.24	31.43 0.06 -30.26	28.81 0.04 -28.14	28.23 0.44 -19.39	29.01 0.50 -18.70	27.58 0.25 -22.75	68.06 0.99 -50.18	48.05 1.57 -20.37	29.23 1.88 -0.18	27.00 1.66 0.00	30.53 1.04 -14.24	91.14 5.00 -20.21	29.94 0.33 -25.40	28.56 0.28 -24.50	31.03 -0.08 -32.14	33.12 -0.19 -35.85	35.00 0.95 -21.51	35.28 1.50 -14.59	42.87 3.03 -1.25	61.72 4.20 0.00	247.08 16.10 0.00	39.76 2.73 0.00	36.90 2.53 0.00	32.41 2.12 -2.45
CRICKET__VALLEY_CC3 323758	34.66 -0.20 -38.24	31.43 0.06 -30.26	28.81 0.04 -28.14	28.23 0.44 -19.39	29.01 0.50 -18.70	27.58 0.25 -22.75	68.06 0.99 -50.18	48.05 1.57 -20.37	29.23 1.88 -0.18	27.00 1.66 0.00	30.53 1.04 -14.24	91.14 5.00 -20.21	29.94 0.33 -25.40	28.56 0.28 -24.50	31.03 -0.08 -32.14	33.12 -0.19 -35.85	35.00 0.95 -21.51	35.28 1.50 -14.59	42.87 3.03 -1.25	61.72 4.20 0.00	247.08 16.10 0.00	39.76 2.73 0.00	36.90 2.53 0.00	32.41 2.12 -2.45
CRUCIBLE__METL_DRP 24180	-2.81 0.04 -0.53	1.52 -0.01 -0.42	1.00 -0.01 -0.39	8.57 -0.10 -0.27	9.97 -0.10 -0.26	4.88 -0.04 -0.32	17.49 -0.10 -0.70	26.24 -0.16 -0.29	27.04 -0.13 0.00	25.12 -0.22 0.00	15.27 -0.19 -0.20	57.65 -0.44 7.83	6.80 -0.03 -2.63	6.29 -0.03 -2.54	2.30 0.01 -3.33	1.19 0.02 -3.71	14.69 -0.08 -2.23	20.52 -0.15 -1.48	38.38 -0.25 -0.04	57.09 -0.20 0.22	230.61 -0.36 0.00	35.96 -0.12 0.95	33.42 -0.17 0.78	26.17 -0.13 1.54
DAHOWA__HYDRO 323763	38.41 -0.22 -42.00	34.42 0.07 -33.24	31.57 0.04 -30.91	30.21 0.51 -21.29	30.95 0.61 -20.54	29.87 0.30 -24.98	73.15 1.15 -55.11	50.09 1.61 -22.37	28.97 1.60 -0.20	26.94 1.60 0.00	31.83 0.87 -15.71	92.19 3.49 -22.77	33.29 0.21 -28.88	31.84 0.21 -27.85	35.44 -0.06 -36.54	38.07 -0.14 -40.75	37.71 0.72 -24.45	37.01 1.23 -16.58	42.77 2.75 -1.42	61.54 4.02 0.00	246.88 15.90 0.00	39.67 2.64 0.00	36.85 2.48 0.00	32.50 1.96 -2.70
DANC__LFGE 323619	-3.20 0.17 0.00	1.08 -0.04 0.00	0.58 -0.05 0.00	7.95 -0.45 0.00	9.29 -0.51 0.00	4.36 -0.23 0.00	13.77 -0.81 2.31	24.97 -1.14 0.00	25.97 -1.20 0.00	24.23 -1.11 0.00	14.38 -0.87 0.00	62.88 -4.03 -0.98	5.75 -0.24 -1.79	5.31 -0.20 -1.73	1.28 0.06 -2.26	0.13 0.14 -2.53	13.37 -0.69 -1.52	19.22 -1.00 -1.03	36.97 -1.72 -0.09	56.03 -1.49 0.00	226.89 -4.09 0.00	35.77 -1.26 0.00	32.94 -1.43 0.00	21.93 -1.40 4.52
DANSKAMMER__1 23586	33.82 -0.24 -37.44	30.81 0.07 -29.63	28.22 0.05 -27.55	27.92 0.53 -18.98	28.73 0.62 -18.30	27.16 0.30 -22.27	67.24 1.22 -49.12	47.99 1.93 -19.95	29.66 2.30 -0.18	27.33 1.99 0.00	30.56 1.20 -14.11	91.68 5.73 -20.02	29.75 0.38 -25.16	28.37 0.33 -24.26	30.71 -0.09 -31.83	32.74 -0.22 -35.50	34.99 1.15 -21.30	35.44 1.80 -14.45	43.52 3.69 -1.24	62.89 5.37 0.00	252.27 21.29 0.00	40.46 3.43 0.00	37.55 3.18 0.00	32.86 2.58 -2.43
DANSKAMMER__2 23589	33.82 -0.24 -37.44	30.81 0.07 -29.63	28.22 0.05 -27.55	27.92 0.53 -18.98	28.73 0.62 -18.30	27.16 0.30 -22.27	67.24 1.22 -49.12	47.99 1.93 -19.95	29.66 2.30 -0.18	27.33 1.99 0.00	30.56 1.20 -14.11	91.68 5.73 -20.02	29.75 0.38 -25.16	28.37 0.33 -24.26	30.71 -0.09 -31.83	32.74 -0.22 -35.50	34.99 1.15 -21.30	35.44 1.80 -14.45	43.52 3.69 -1.24	62.89 5.37 0.00	252.27 21.29 0.00	40.46 3.43 0.00	37.55 3.18 0.00	32.86 2.58 -2.43
DANSKAMMER__3 23590	33.82 -0.24 -37.44	30.81 0.07 -29.63	28.22 0.05 -27.55	27.92 0.53 -18.98	28.73 0.62 -18.30	27.16 0.30 -22.27	67.24 1.22 -49.12	47.99 1.93 -19.95	29.66 2.30 -0.18	27.33 1.99 0.00	30.56 1.20 -14.11	91.68 5.73 -20.02	29.75 0.38 -25.16	28.37 0.33 -24.26	30.71 -0.09 -31.83	32.74 -0.22 -35.50	34.99 1.15 -21.30	35.44 1.80 -14.45	43.52 3.69 -1.24	62.89 5.37 0.00	252.27 21.29 0.00	40.46 3.43 0.00	37.55 3.18 0.00	32.86 2.58 -2.43

DANSKAMMER___4 23591	33.82 -0.24 -37.44	30.81 0.07 -29.63	28.22 0.05 -27.55	27.92 0.53 -18.98	28.73 0.62 -18.30	27.16 0.30 -22.27	67.24 1.22 -49.12	47.99 1.93 -19.95	29.66 2.30 -0.18	27.33 1.99 0.00	30.56 1.20 -14.11	91.68 5.73 -20.02	29.75 0.38 -25.16	28.37 0.33 -24.26	30.71 -0.09 -31.83	32.74 -0.22 -35.50	34.99 1.15 -21.30	35.44 1.80 -14.45	43.52 3.69 -1.24	62.89 5.37 0.00	252.27 21.29 0.00	40.46 3.43 0.00	37.55 3.18 0.00	32.86 2.58 -2.43
DANSKAMMER___DIESEL 23592	33.83 -0.23 -37.44	30.81 0.07 -29.63	28.22 0.05 -27.55	27.92 0.53 -18.98	28.73 0.61 -18.30	27.16 0.30 -22.27	67.24 1.22 -49.12	47.99 1.93 -19.95	29.65 2.30 -0.18	27.33 1.99 0.00	30.56 1.20 -14.11	91.68 5.73 -20.02	29.75 0.38 -25.16	28.37 0.33 -24.26	30.71 -0.09 -31.83	32.74 -0.22 -35.50	34.99 1.15 -21.30	35.44 1.80 -14.45	43.53 3.69 -1.24	62.90 5.38 0.00	252.28 21.30 0.00	40.46 3.43 0.00	37.56 3.19 0.00	32.86 2.58 -2.43
DARBY___SOLAR 323810	38.38 -0.20 -41.96	34.38 0.06 -33.21	31.54 0.04 -30.88	30.17 0.49 -21.28	30.91 0.58 -20.52	29.83 0.28 -24.96	73.03 1.08 -55.06	49.97 1.50 -22.35	28.87 1.49 -0.20	26.83 1.49 0.00	31.76 0.81 -15.70	91.97 3.30 -22.75	33.25 0.20 -28.84	31.80 0.20 -27.82	35.40 -0.06 -36.49	38.03 -0.14 -40.70	37.65 0.69 -24.42	36.93 1.17 -16.56	42.59 2.57 -1.42	61.24 3.72 0.00	245.70 14.72 0.00	39.47 2.44 0.00	36.70 2.33 0.00	32.38 1.84 -2.69
DASHVILLE___HYD 23610	34.09 -0.20 -37.67	30.99 0.07 -29.81	28.39 0.04 -27.72	27.98 0.48 -19.10	28.78 0.55 -18.42	27.27 0.27 -22.41	67.42 1.10 -49.43	47.90 1.72 -20.07	29.37 2.02 -0.18	27.07 1.73 0.00	30.47 1.06 -14.16	91.09 5.00 -20.16	29.90 0.32 -25.37	28.52 0.27 -24.47	30.99 -0.07 -32.10	33.08 -0.19 -35.80	35.01 0.99 -21.48	35.28 1.52 -14.57	42.92 3.07 -1.25	62.04 4.52 0.00	248.71 17.73 0.00	39.92 2.89 0.00	37.11 2.74 0.00	32.49 2.19 -2.45
DELAWARE___LFGE 323621	-0.99 -0.19 -2.57	3.46 0.04 -2.31	2.55 0.01 -1.91	10.50 0.33 -1.77	12.30 0.42 -2.07	7.11 0.21 -2.31	22.17 0.93 -4.35	28.91 1.34 -1.46	28.66 1.33 -0.16	26.04 0.99 0.29	16.52 0.30 -0.97	108.09 1.84 -40.32	10.26 0.12 -5.94	9.59 0.12 -5.69	6.41 -0.03 -7.48	5.72 -0.08 -8.34	17.99 0.42 -5.03	23.57 0.85 -3.52	40.94 1.56 -0.78	61.52 3.50 -0.51	247.80 16.82 0.00	42.89 2.15 -3.71	37.37 1.25 -1.75	33.99 1.03 -5.12
DERFIELD_115KV_TB7 355931	-3.40 -0.02 0.00	1.12 0.01 0.00	0.63 0.00 0.00	8.45 0.05 0.00	9.86 0.06 0.00	4.62 0.03 0.00	17.42 0.11 -0.42	26.27 0.16 0.00	27.35 0.18 0.00	25.51 0.17 0.00	15.35 0.09 0.00	66.29 0.37 0.00	4.22 0.02 0.00	3.80 0.02 0.00	-1.04 -0.01 0.00	-2.55 -0.02 0.00	12.61 0.07 0.00	19.31 0.11 0.00	38.83 0.23 0.00	57.86 0.35 0.00	232.36 1.39 0.00	37.26 0.23 0.00	34.61 0.24 0.00	28.87 0.19 -0.83
DOGLEVILLE___HYD 23807	-3.64 -0.26 0.00	1.17 0.06 0.00	0.65 0.03 0.00	8.82 0.41 0.00	10.31 0.50 0.00	4.83 0.23 0.00	18.06 0.75 -0.42	27.00 0.89 0.00	27.87 0.70 0.00	25.98 0.64 0.00	15.60 0.35 0.00	67.81 1.88 0.00	4.19 -0.02 0.00	3.81 0.03 0.00	-1.05 -0.01 0.00	-2.58 -0.04 0.00	12.63 0.09 0.00	19.89 0.70 0.00	40.52 1.92 0.00	61.16 3.64 0.00	246.07 15.09 0.00	39.27 2.24 0.00	36.39 2.02 0.00	30.19 1.51 -0.83
DUNKIRK___115KV_TB_200 55889	-2.44 0.18 -0.76	-0.16 -0.07 1.20	0.98 -0.07 -0.43	5.19 -0.53 2.68	4.34 -0.55 4.91	-0.34 -0.26 4.67	9.94 -0.91 6.03	21.55 -1.37 3.19	21.98 -0.99 4.20	24.30 -0.81 0.24	15.15 -0.38 -0.28	4.01 -1.51 60.40	7.32 -0.17 -3.29	3.55 -0.14 0.09	0.62 0.06 -1.60	0.87 0.10 -3.31	14.82 -0.69 -2.97	17.73 -1.13 0.33	23.15 -2.14 13.31	46.03 -3.13 8.36	216.33 -9.42 5.23	20.05 -1.93 15.05	13.53 -2.01 18.83	5.27 -1.61 20.97
DUNKIRK___1 23563	-2.44 0.18 -0.76	-0.16 -0.07 1.20	0.98 -0.07 -0.43	5.19 -0.53 2.68	4.34 -0.55 4.91	-0.34 -0.26 4.67	9.94 -0.91 6.03	21.55 -1.37 3.19	21.98 -0.99 4.20	24.30 -0.81 0.24	15.15 -0.38 -0.28	4.01 -1.51 60.40	7.32 -0.17 -3.29	3.55 -0.14 0.09	0.62 0.10 -1.60	0.87 0.10 -3.31	14.82 -0.69 -2.97	17.73 -1.13 0.33	23.15 -2.14 13.31	46.03 -3.13 8.36	216.33 -9.42 5.23	20.05 -1.93 15.05	13.53 -2.01 18.83	5.27 -1.61 20.97
DUNKIRK___2 23564	-2.44 0.18 -0.76	-0.16 -0.07 1.20	0.98 -0.07 -0.43	5.19 -0.53 2.68	4.34 -0.55 4.91	-0.34 -0.26 4.67	9.94 -0.91 6.03	21.55 -1.37 3.19	21.98 -0.99 4.20	24.30 -0.81 0.24	15.15 -0.38 -0.28	4.01 -1.51 60.40	7.32 -0.17 -3.29	3.55 -0.14 0.09	0.62 0.10 -1.60	0.87 0.10 -3.31	14.82 -0.69 -2.97	17.73 -1.13 0.33	23.15 -2.14 13.31	46.03 -3.13 8.36	216.33 -9.42 5.23	20.05 -1.93 15.05	13.53 -2.01 18.83	5.27 -1.61 20.97
DUNKIRK___3 23565	-2.44 0.19 -0.75	-0.31 -0.07 1.36	0.97 -0.07 -0.42	4.94 -0.53 2.94	3.89 -0.55 5.36	-0.75 -0.26 5.09	9.75 -0.95 6.20	21.42 -1.43 3.27	21.85 -1.02 4.30	24.27 -0.84 0.23	15.12 -0.42 -0.28	4.40 -1.39 60.13	7.31 -0.18 -3.28	3.47 -0.14 0.17	0.55 0.06 -1.52	0.82 0.10 -3.26	14.82 -0.68 -2.96	17.67 -1.14 0.38	22.85 -2.15 13.60	45.76 -3.27 8.49	215.17 -10.46 5.35	19.86 -1.95 15.22	13.23 -2.02 19.12	5.11 -1.58 21.15
DUNKIRK___4 23566	-2.44 0.19 -0.75	-0.31 -0.07 1.36	0.97 -0.07 -0.42	4.94 -0.53 2.94	3.89 -0.55 5.36	-0.75 -0.26 5.09	9.75 -0.95 6.20	21.42 -1.43 3.27	21.85 -1.02 4.30	24.27 -0.84 0.23	15.12 -0.42 -0.28	4.40 -1.39 60.13	7.31 -0.18 -3.28	3.47 -0.14 0.17	0.55 0.06 -1.52	0.82 0.10 -3.26	14.82 -0.68 -2.96	17.67 -1.14 0.38	22.85 -2.15 13.60	45.76 -3.27 8.49	215.17 -10.46 5.35	19.86 -1.95 15.22	13.23 -2.02 19.12	5.11 -1.58 21.15
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	33.84 -0.22 -37.43	30.80 0.07 -29.62	28.22 0.05 -27.55	27.89 0.51 -18.98	28.69 0.58 -18.30	27.15 0.29 -22.26	67.18 1.17 -49.12	47.89 1.84 -19.94	29.76 2.18 -0.41	27.29 1.95 0.00	30.37 1.18 -13.93	91.80 6.17 -19.70	29.32 0.41 -24.71	27.94 0.34 -23.83	30.13 -0.09 -31.26	32.10 -0.23 -34.87	34.62 1.16 -20.92	35.14 1.76 -14.19	43.32 3.51 -1.21	62.49 4.97 0.00	250.54 19.56 0.00	40.21 3.18 0.00	37.39 3.02 0.00	32.73 2.50 -2.39
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	33.30 -0.21 -36.88	30.36 0.07 -29.19	27.81 0.05 -27.14	27.60 0.49 -18.70	28.41 0.57 -18.03	26.81 0.28 -21.93	66.42 1.13 -48.39	47.58 1.80 -19.66	29.66 2.31 -0.18	27.31 1.97 0.00	30.49 1.19 -14.05	91.47 5.59 -19.95	29.64 0.37 -25.07	28.27 0.31 -24.18	30.59 -0.08 -31.71	32.62 -0.22 -35.37	34.89 1.12 -21.22	35.36 1.78 -14.39	43.50 3.67 -1.24	62.95 5.43 0.00	252.59 21.61 0.00	40.51 3.49 0.00	37.61 3.24 0.00	32.88 2.61 -2.43
E179THST_138_KV_TB4_REV_LBMP_J 345001	33.82 -0.24 -37.43	30.81 0.07 -29.62	28.22 0.05 -27.55	27.91 0.53 -18.98	28.70 0.59 -18.30	27.16 0.29 -22.26	67.19 1.18 -49.12	47.96 1.92 -19.94	29.61 2.26 -0.18	27.35 2.00 0.00	30.35 1.17 -13.93	91.93 6.30 -19.71	29.34 0.42 -24.71	27.94 0.33 -23.83	30.13 -0.09 -31.26	32.10 -0.23 -34.87	34.65 1.19 -20.92	35.18 1.79 -14.19	43.32 3.52 -1.21	62.42 4.90 0.00	250.59 19.60 0.00	40.29 3.26 0.00	37.43 3.06 0.00	32.77 2.54 -2.39

E179THST_13_KV_LOAD 356214	33.81 -0.25 -37.43	30.81 0.08 -29.62	28.22 0.05 -27.55	27.93 0.55 -18.98	28.73 0.62 -18.30	27.17 0.31 -22.26	67.26 1.25 -49.12	48.08 2.04 -19.94	29.73 2.39 -0.18	27.46 2.12 0.00	30.42 1.24 -13.93	92.23 6.59 -19.71	29.35 0.44 -24.71	27.95 0.34 -23.83	30.13 -0.09 -31.26	32.09 -0.24 -34.87	34.71 1.25 -20.92	35.27 1.89 -14.19	43.51 3.70 -1.21	62.70 5.18 0.00	251.68 20.70 0.00	40.47 3.44 0.00	37.59 3.22 0.00	32.89 2.65 -2.39
EAST HAMPTON___GT 23717	48.99 -0.23 -52.60	50.64 0.06 -49.46	44.16 0.06 -43.48	42.54 0.51 -33.62	38.60 0.53 -28.27	49.18 0.24 -44.34	71.13 1.02 -53.23	58.27 1.49 -30.66	58.94 1.74 -30.03	46.34 1.25 -19.75	52.60 0.63 -36.71	99.45 3.29 -30.24	47.22 0.25 -42.76	47.22 0.19 -43.25	52.74 -0.05 -53.83	53.91 -0.13 -56.59	55.88 0.72 -42.62	60.39 1.20 -39.99	89.18 2.75 -47.84	108.23 3.97 -46.74	301.71 16.11 -54.63	90.77 2.49 -51.26	50.90 2.32 -14.21	53.37 1.92 -23.60
EAST RIVER___6 23660	33.83 -0.25 -37.45	30.87 0.07 -29.69	28.22 0.05 -27.55	27.91 0.53 -18.98	28.73 0.61 -18.32	27.16 0.31 -22.26	68.73 1.24 -50.60	48.72 1.99 -20.62	31.05 2.37 -1.51	28.50 2.15 -1.00	30.50 1.29 -13.96	92.60 6.96 -19.71	29.37 0.45 -24.71	27.98 0.37 -23.83	30.12 -0.10 -31.26	32.08 -0.25 -34.87	34.74 1.28 -20.92	35.31 1.93 -14.19	43.62 3.81 -1.21	62.91 5.39 0.00	252.19 21.20 0.00	40.43 3.40 0.00	37.57 3.20 0.00	32.90 2.66 -2.39
EAST RIVER___7 23524	33.83 -0.25 -37.45	30.87 0.07 -29.69	28.22 0.05 -27.55	27.91 0.53 -18.98	28.73 0.61 -18.32	27.16 0.31 -22.26	68.73 1.24 -50.60	48.72 1.99 -20.62	31.05 2.37 -1.51	28.50 2.15 -1.00	30.50 1.29 -13.96	92.60 6.96 -19.71	29.37 0.45 -24.71	27.98 0.37 -23.83	30.12 -0.10 -31.26	32.08 -0.25 -34.87	34.74 1.28 -20.92	35.31 1.93 -14.19	43.62 3.81 -1.21	62.91 5.39 0.00	252.19 21.20 0.00	40.43 3.40 0.00	37.57 3.20 0.00	32.90 2.66 -2.39
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	33.82 -0.22 -37.41	30.78 0.07 -29.60	28.20 0.05 -27.53	27.87 0.50 -18.97	28.67 0.57 -18.29	27.13 0.29 -22.25	67.13 1.15 -49.09	47.85 1.81 -19.92	29.47 2.12 -0.18	27.24 1.90 0.00	30.33 1.15 -13.92	91.64 6.03 -19.68	29.29 0.39 -24.69	27.91 0.32 -23.81	30.11 -0.09 -31.23	32.08 -0.22 -34.84	34.56 1.12 -20.90	35.08 1.71 -14.17	43.22 3.41 -1.21	62.36 4.84 0.00	250.06 19.08 0.00	40.13 3.10 0.00	37.30 2.93 0.00	32.66 2.43 -2.39
EAST_HAMPTON___DIESEL 23722	49.00 -0.22 -52.60	50.64 0.06 -49.46	44.16 0.06 -43.48	42.52 0.50 -33.62	38.58 0.51 -28.27	49.17 0.23 -44.34	71.10 0.98 -53.23	58.21 1.44 -30.66	58.88 1.68 -30.03	46.29 1.19 -19.75	52.56 0.60 -36.71	99.32 3.16 -30.24	47.21 0.24 -42.76	47.21 0.19 -43.25	52.74 -0.05 -53.83	53.92 -0.13 -56.59	55.85 0.69 -42.62	60.36 1.16 -39.99	89.11 2.67 -47.84	108.11 3.85 -46.74	301.25 15.64 -54.63	90.70 2.41 -51.26	50.83 2.25 -14.21	53.31 1.86 -23.60
EAST_POINT___SOLAR 323840	39.81 -0.20 -43.39	35.51 0.06 -34.33	32.58 0.03 -31.93	30.84 0.44 -22.00	31.55 0.53 -21.21	30.67 0.27 -25.80	74.79 0.96 -56.93	49.77 0.52 -23.14	27.53 0.14 -0.21	25.71 0.37 0.00	31.38 -0.11 -16.23	99.81 0.89 -33.00	34.68 -0.08 -30.55	33.23 -0.02 -29.47	37.62 0.00 -38.65	40.63 0.05 -43.12	38.33 -0.08 -25.87	36.88 0.11 -17.57	40.78 0.64 -1.54	60.72 3.20 0.00	247.31 16.33 0.00	40.33 2.39 -0.92	36.23 1.86 0.00	32.27 1.41 -3.02
EAST_PULASKI___ESR 323781	-3.27 0.10 0.00	1.08 -0.03 0.00	0.60 -0.03 0.00	8.15 -0.26 0.00	9.52 -0.29 0.00	4.47 -0.13 0.00	15.38 -0.45 1.07	25.48 -0.63 0.00	26.52 -0.65 0.00	24.71 -0.64 0.00	14.81 -0.44 0.00	65.14 -1.88 -1.09	6.08 -0.11 -1.99	5.60 -0.10 -1.92	1.50 0.03 -2.52	0.34 0.07 -2.81	13.89 -0.34 -1.68	19.81 -0.53 -1.14	37.72 -0.98 -0.10	56.39 -1.13 0.00	227.24 -3.74 0.00	36.22 -0.80 0.00	33.53 -0.84 0.00	25.05 -0.74 2.05
EAST_RIVER___1 323558	33.83 -0.25 -37.45	30.87 0.07 -29.69	28.22 0.05 -27.55	27.90 0.52 -18.98	28.72 0.59 -18.32	27.16 0.30 -22.26	68.69 1.20 -50.60	48.65 1.92 -20.62	30.97 2.28 -1.51	28.41 2.06 -1.00	30.45 1.24 -13.96	92.37 6.73 -19.71	29.35 0.44 -24.71	27.97 0.36 -23.83	30.12 -0.10 -31.26	32.09 -0.24 -34.87	34.69 1.23 -20.92	35.24 1.86 -14.19	43.48 3.67 -1.21	62.71 5.19 0.00	251.45 20.47 0.00	40.33 3.31 0.00	37.49 3.13 0.00	32.84 2.60 -2.39
EAST_RIVER___2 323559	33.83 -0.25 -37.45	30.87 0.07 -29.69	28.22 0.05 -27.55	27.91 0.53 -18.98	28.73 0.61 -18.32	27.16 0.31 -22.26	68.73 1.24 -50.60	48.72 1.99 -20.62	31.05 2.37 -1.51	28.50 2.15 -1.00	30.50 1.29 -13.96	92.60 6.96 -19.71	29.37 0.45 -24.71	27.98 0.37 -23.83	30.12 -0.10 -31.26	32.08 -0.25 -34.87	34.74 1.28 -20.92	35.31 1.93 -14.19	43.62 3.81 -1.21	62.91 5.39 0.00	252.19 21.20 0.00	40.43 3.40 0.00	37.57 3.20 0.00	32.90 2.66 -2.39
EAST___DELAWARE_HYD 23607	31.04 -0.18 -34.60	28.54 0.05 -27.38	26.12 0.03 -25.46	26.32 0.37 -17.54	27.16 0.43 -16.92	25.39 0.21 -20.58	63.21 0.92 -45.40	45.99 1.44 -18.44	28.98 1.64 -0.17	26.65 1.31 0.00	29.04 0.77 -13.02	96.86 3.66 -27.28	27.64 0.22 -23.21	26.26 0.10 -22.38	28.30 -0.03 -29.36	30.13 -0.08 -32.75	32.64 0.45 -19.65	33.31 0.76 -13.35	41.62 1.78 -1.25	61.75 4.03 -0.20	247.03 16.05 0.00	40.46 2.55 -0.89	37.41 2.35 -0.70	33.52 1.90 -3.78
EIGHT_POINT___WT_PWR 323820	-2.17 0.27 -0.94	8.57 -0.11 -7.57	1.72 -0.08 -1.18	19.66 -0.83 -12.09	29.49 -0.87 -20.54	24.24 -0.42 -20.07	44.98 -1.59 -29.67	45.64 -2.83 -22.36	48.18 -2.41 -23.42	27.69 -2.22 -4.57	14.30 -1.33 -0.38	-27.45 -2.32 91.05	9.04 -0.44 -5.28	22.09 -0.36 -18.67	16.51 0.13 -17.42	11.10 0.25 -13.39	15.10 -1.20 -3.76	28.13 -1.79 -10.73	85.32 -3.37 -50.10	73.44 -4.60 -20.52	235.16 -16.41 -20.60	59.36 -2.58 -24.91	77.94 -3.06 -46.63	48.51 -2.46 -23.13
ELBRIDGE_115KV_TB2 80188	-2.77 0.05 -0.56	1.54 -0.02 -0.44	1.02 -0.02 -0.41	8.54 -0.14 -0.28	9.94 -0.14 -0.27	4.87 -0.06 -0.33	17.43 -0.20 -0.74	26.09 -0.32 -0.30	26.88 -0.30 0.00	24.95 -0.39 0.00	15.19 -0.28 -0.21	55.63 -0.74 9.56	6.90 -0.05 -2.75	6.38 -0.05 -2.65	2.45 0.02 -3.48	1.37 0.03 -3.88	14.72 -0.15 -2.33	20.46 -0.28 -1.55	38.11 -0.52 -0.03	56.69 -0.56 0.27	229.23 -1.75 0.00	35.58 -0.32 1.13	33.10 -0.34 0.92	25.72 -0.27 1.85
ELEC_TRO_TEK 24086	60.19 -0.25 -63.82	65.33 0.08 -64.14	55.95 0.06 -55.27	53.46 0.60 -44.45	46.13 0.68 -35.64	65.60 0.33 -60.68	74.47 1.34 -56.25	66.64 2.07 -38.46	80.03 2.52 -50.33	61.74 2.23 -34.17	69.94 1.35 -53.34	110.48 6.63 -37.93	60.59 0.45 -55.94	61.57 0.37 -57.42	69.16 -0.10 -70.31	69.66 -0.25 -72.45	72.23 1.23 -58.46	79.92 1.89 -58.83	124.32 3.85 -81.87	143.82 5.43 -80.87	347.04 21.55 -94.51	129.18 3.48 -88.67	62.18 3.22 -24.59	69.64 2.71 -39.08
ELLENBURG_WT_PWR 323604	-3.29 0.09 0.00	1.09 -0.02 0.00	0.61 -0.01 0.00	8.29 -0.11 0.00	9.68 -0.13 0.00	4.52 -0.07 0.00	16.02 -0.48 0.39	25.42 -0.69 0.00	26.34 -0.83 0.00	24.59 -0.75 0.00	14.85 -0.40 0.00	64.01 -1.92 0.00	4.12 -0.09 0.00	3.70 -0.08 0.00	-1.02 0.02 0.00	-2.46 0.08 0.00	12.19 -0.35 0.00	18.75 -0.44 0.00	37.78 -0.82 0.00	56.46 -1.06 0.00	227.39 -3.60 0.00	36.32 -0.71 0.00	33.44 -0.92 0.00	26.29 -0.79 0.77

ELM_ST_23_KV_LD_REV_LBMP_A 345012	-2.44 0.21 -0.72	-0.48 -0.08 1.52	0.94 -0.07 -0.38	4.64 -0.58 3.19	3.39 -0.62 5.80	-1.18 -0.28 5.49	9.45 -1.11 6.33	21.09 -1.71 3.31	21.56 -1.25 4.36	24.21 -0.97 0.15	15.00 -0.52 -0.27	9.08 -1.24 55.60	7.14 -0.21 -3.15	3.29 -0.18 0.31	0.38 0.07 -1.35	0.66 0.12 -3.09	14.65 -0.74 -2.85	17.41 -1.31 0.47	22.39 -2.48 13.73	45.10 -3.99 8.42	211.46 -14.10 5.41	19.86 -2.30 14.86	13.11 -2.33 18.93	5.62 -1.75 20.47
EMPIRE_CC_1 323656	37.03 -0.16 -40.57	33.26 0.05 -32.10	30.51 0.03 -29.85	29.36 0.39 -20.57	30.10 0.45 -19.84	28.93 0.20 -24.13	70.89 0.77 -53.23	48.86 1.14 -21.61	28.54 1.17 -0.20	26.46 1.12 0.00	31.10 0.69 -15.16	90.42 2.70 -21.80	31.94 0.19 -27.55	30.54 0.19 -26.57	33.76 -0.05 -34.85	36.21 -0.12 -38.87	36.47 0.61 -23.32	35.94 0.93 -15.82	41.72 1.77 -1.35	59.94 2.42 0.00	240.15 9.17 0.00	38.71 1.68 0.00	36.10 1.73 0.00	31.91 1.43 -2.64
EMPIRE_CC_2 323658	37.03 -0.16 -40.57	33.26 0.05 -32.10	30.51 0.03 -29.85	29.36 0.39 -20.57	30.10 0.45 -19.84	28.93 0.20 -24.13	70.89 0.77 -53.23	48.86 1.14 -21.61	28.54 1.17 -0.20	26.46 1.12 0.00	31.10 0.69 -15.16	90.42 2.70 -21.80	31.94 0.19 -27.55	30.54 0.19 -26.57	33.76 -0.05 -34.85	36.21 -0.12 -38.87	36.47 0.61 -23.32	35.94 0.93 -15.82	41.72 1.77 -1.35	59.94 2.42 0.00	240.15 9.17 0.00	38.71 1.68 0.00	36.10 1.73 0.00	31.91 1.43 -2.64
ENORWICH_115KV_TB1 80156	1.08 -0.26 -4.71	5.30 0.03 -4.16	4.12 0.00 -3.49	11.80 0.27 -3.13	13.69 0.31 -3.58	8.77 0.14 -4.03	25.41 0.76 -7.75	29.96 1.01 -2.84	28.75 1.01 -0.56	25.60 0.48 0.22	16.94 -0.07 -1.77	87.78 -0.28 -22.13	12.02 0.02 -7.80	11.93 0.02 -8.13	9.31 0.01 -10.34	8.68 -0.04 -11.25	19.22 0.11 -6.57	24.60 0.50 -4.91	43.03 1.54 -2.90	63.94 4.10 -2.33	249.45 17.49 -0.98	42.29 1.92 -3.34	38.88 1.10 -3.42	33.65 0.86 -4.94
ERIE_ST__34_KV_TB1-2 80199	-2.44 0.19 -0.74	-0.12 -0.07 1.17	0.98 -0.07 -0.42	5.27 -0.52 2.61	4.46 -0.56 4.79	-0.19 -0.25 4.54	10.34 -0.96 5.59	21.68 -1.46 2.97	22.26 -0.98 3.93	24.30 -0.83 0.21	15.08 -0.45 -0.28	6.35 -0.96 58.62	7.26 -0.19 -3.26	3.73 -0.14 -0.09	0.75 0.07 -1.72	0.92 0.11 -3.34	14.80 -0.67 -2.93	17.85 -1.13 0.22	24.06 -2.06 12.47	46.31 -3.31 7.90	214.29 -11.80 4.89	20.84 -1.88 14.31	14.63 -1.93 17.81	6.33 -1.51 20.00
ERIE_WT_PWR 323693	-2.39 0.25 -0.74	-0.36 -0.07 1.41	0.95 -0.07 -0.40	4.83 -0.56 3.01	3.69 -0.63 5.49	-0.88 -0.27 5.20	9.60 -1.07 6.22	21.20 -1.64 3.27	21.65 -1.21 4.30	24.18 -0.97 0.18	15.03 -0.50 -0.28	6.84 -1.44 57.64	7.21 -0.20 -3.21	3.40 -0.17 0.21	0.49 0.07 -1.46	0.77 0.12 -3.19	14.72 -0.73 -2.90	17.53 -1.25 0.42	22.65 -2.36 13.58	45.40 -3.72 8.41	212.52 -13.12 5.34	19.95 -2.12 14.96	13.31 -2.14 18.92	5.39 -1.75 20.70
ESPRGFLD_115KV_TB1 80157	-6.24 -0.16 2.71	-1.00 0.04 2.15	-1.36 0.01 2.00	7.29 0.27 1.38	8.81 0.33 1.33	3.15 0.17 1.61	14.12 0.78 3.56	25.80 1.05 1.36	28.14 0.98 0.01	26.14 0.80 0.00	14.42 0.18 1.01	84.69 1.41 -17.35	3.49 0.05 0.76	3.11 0.06 0.73	-2.01 -0.01 0.96	-3.64 -0.03 1.07	12.12 0.22 0.64	19.33 0.51 0.38	39.89 1.09 -0.20	60.79 3.00 -0.27	245.56 14.58 0.00	40.69 1.82 -1.84	36.34 1.05 -0.93	30.96 0.79 -2.32
ETNA_115_KV_TB1_REV_LBMP_C 345029	-1.94 -0.02 -1.45	2.92 0.00 -1.82	1.72 -0.01 -1.11	10.25 -0.03 -1.88	12.47 0.00 -2.66	7.37 0.01 -2.76	21.37 0.10 -4.38	28.16 0.10 -1.95	28.82 0.15 -1.50	25.14 -0.20 0.00	15.56 -0.23 -0.54	49.19 0.14 16.88	9.80 -0.02 -5.62	10.19 -0.01 -6.42	6.86 0.01 -7.89	5.79 0.00 -8.33	17.24 0.00 -4.70	23.03 0.05 -3.79	43.02 0.35 -4.07	62.28 1.05 -3.71	237.80 5.18 -1.64	38.39 0.68 -0.67	37.42 0.50 -2.55	27.94 0.38 0.29
ETNA____115KV_TB2 80207	-1.94 -0.02 -1.45	2.92 0.00 -1.82	1.72 -0.01 -1.11	10.25 -0.03 -1.88	12.47 0.00 -2.66	7.37 0.01 -2.76	21.37 0.10 -4.38	28.16 0.10 -1.95	28.82 0.15 -1.50	25.14 -0.20 0.00	15.56 -0.23 -0.54	49.19 0.14 16.88	9.80 -0.02 -5.62	10.19 -0.01 -6.42	6.86 0.01 -7.89	5.79 0.00 -8.33	17.24 0.00 -4.70	23.03 0.05 -3.79	43.02 0.35 -4.07	62.28 1.05 -3.71	237.80 5.18 -1.64	38.39 0.68 -0.67	37.42 0.50 -2.55	27.94 0.38 0.29
EUCLID__115KV_TB2 356179	-3.31 0.06 0.00	1.09 -0.02 0.00	0.61 -0.02 0.00	8.23 -0.17 0.00	9.62 -0.19 0.00	4.51 -0.08 0.00	16.63 -0.26 0.00	25.78 -0.33 0.00	26.87 -0.30 0.00	25.00 -0.34 0.00	15.00 -0.25 0.00	66.44 -0.75 -1.26	6.44 -0.05 -2.29	5.94 -0.04 -2.21	1.87 0.01 -2.90	0.72 0.03 -3.23	14.32 -0.16 -1.94	20.23 -0.28 -1.31	38.18 -0.53 -0.11	56.83 -0.69 0.00	228.66 -2.32 0.00	36.60 -0.42 0.00	33.92 -0.45 0.00	27.60 -0.36 -0.12
E_CANADA_CAP_HY 24051	40.54 -0.15 -44.07	36.03 0.05 -34.88	33.08 0.02 -32.43	31.05 0.30 -22.35	31.72 0.36 -21.55	30.99 0.18 -26.21	75.47 0.75 -57.83	50.45 0.82 -23.52	28.04 0.65 -0.21	26.04 0.70 0.00	31.91 0.17 -16.49	103.37 1.48 -35.97	35.63 0.01 -31.42	34.11 0.03 -30.30	38.71 -0.01 -39.75	41.81 0.01 -44.34	39.27 0.12 -26.61	37.62 0.34 -18.08	41.09 0.81 -1.68	60.26 2.55 -0.19	243.46 12.48 0.00	39.89 1.70 -1.16	36.19 1.17 -0.65	33.27 0.88 -4.54
E_CANADA_MHWK_HY 24050	-3.62 -0.24 0.00	1.17 0.06 0.00	0.65 0.03 0.00	8.82 0.41 0.00	10.31 0.50 0.00	4.83 0.24 0.00	18.10 0.79 -0.42	27.00 0.89 0.00	27.87 0.70 0.00	25.98 0.64 0.00	15.60 0.35 0.00	67.81 1.88 0.00	4.19 -0.02 0.00	3.81 0.03 0.00	-1.05 -0.01 0.00	-2.58 -0.04 0.00	12.63 0.09 0.00	19.89 0.70 0.00	40.52 1.92 0.00	61.16 3.64 0.00	246.03 15.05 0.00	39.27 2.24 0.00	36.40 2.03 0.00	30.18 1.51 -0.83
E_FISHKILL__LBMP 23776	34.31 -0.19 -37.88	31.15 0.06 -29.98	28.54 0.04 -27.88	28.06 0.45 -19.21	28.85 0.51 -18.52	27.38 0.25 -22.53	67.63 1.03 -49.71	47.91 1.62 -20.18	29.26 1.91 -0.18	27.03 1.69 0.00	30.40 1.04 -14.11	91.12 5.20 -20.00	29.66 0.34 -25.11	28.28 0.28 -24.22	30.66 -0.08 -31.77	32.71 -0.19 -35.44	34.79 0.98 -21.26	35.13 1.51 -14.42	42.86 3.03 -1.23	61.81 4.30 0.00	247.74 16.76 0.00	39.78 2.75 0.00	36.98 2.61 0.00	32.43 2.16 -2.43
FALCON__SEABRD_CC1 323796	-3.32 0.05 0.00	1.10 -0.01 0.00	0.62 0.00 0.00	8.38 -0.03 0.00	9.78 -0.03 0.00	4.58 -0.02 0.00	16.23 -0.27 0.39	25.77 -0.34 0.00	26.70 -0.47 0.00	24.94 -0.39 0.00	15.06 -0.19 0.00	64.77 -1.16 0.00	4.17 -0.03 0.00	3.73 -0.05 0.00	-1.03 0.00 0.00	-2.49 0.05 0.00	12.34 -0.20 0.00	19.01 -0.19 0.00	38.24 -0.36 0.00	57.07 -0.45 0.00	229.87 -1.11 0.00	36.78 -0.25 0.00	33.85 -0.52 0.00	26.58 -0.50 0.77
FALCON__SEABRD_CC2 323797	-3.32 0.05 0.00	1.10 -0.01 0.00	0.62 0.00 0.00	8.38 -0.03 0.00	9.78 -0.03 0.00	4.58 -0.02 0.00	16.23 -0.27 0.39	25.77 -0.34 0.00	26.70 -0.47 0.00	24.94 -0.39 0.00	15.06 -0.19 0.00	64.77 -1.16 0.00	4.17 -0.03 0.00	3.73 -0.05 0.00	-1.03 0.00 0.00	-2.49 0.05 0.00	12.34 -0.20 0.00	19.01 -0.19 0.00	38.24 -0.36 0.00	57.07 -0.45 0.00	229.87 -1.11 0.00	36.78 -0.25 0.00	33.85 -0.52 0.00	26.58 -0.50 0.77

FAR ROCKAWAY___4 23548	61.05 -0.27 -64.71	66.50 0.09 -65.30	56.89 0.06 -56.20	54.39 0.68 -45.31	46.81 0.77 -36.22	66.93 0.37 -61.97	74.88 1.49 -56.49	67.54 2.30 -39.13	81.98 2.76 -52.06	63.16 2.44 -35.38	71.47 1.48 -54.73	111.81 7.31 -38.57	61.73 0.49 -57.04	62.79 0.41 -58.60	70.53 -0.11 -71.68	70.96 -0.27 -73.77	73.69 1.37 -59.78	81.72 2.11 -60.41	127.62 4.30 -84.72	147.31 6.07 -83.72	353.05 24.22 -97.84	132.74 3.91 -91.80	63.43 3.61 -25.46	71.21 2.99 -40.38
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	33.83 -0.23 -37.43	30.81 0.07 -29.62	28.22 0.05 -27.55	27.90 0.52 -18.98	28.70 0.59 -18.30	27.16 0.30 -22.26	67.22 1.21 -49.12	47.97 1.92 -19.93	29.64 2.29 -0.18	27.41 2.07 0.00	30.42 1.24 -13.93	92.39 6.75 -19.71	29.35 0.44 -24.71	27.97 0.36 -23.83	30.12 -0.10 -31.26	32.09 -0.24 -34.87	34.69 1.23 -20.92	35.24 1.86 -14.19	43.49 3.68 -1.21	62.72 5.20 0.00	251.46 20.48 0.00	40.34 3.31 0.00	37.52 3.15 0.00	32.83 2.60 -2.39
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	33.83 -0.23 -37.43	30.81 0.07 -29.62	28.22 0.05 -27.55	27.90 0.52 -18.98	28.70 0.59 -18.30	27.16 0.30 -22.26	67.22 1.21 -49.12	47.97 1.92 -19.93	29.63 2.28 -0.18	27.40 2.06 0.00	30.42 1.24 -13.93	92.36 6.72 -19.71	29.35 0.44 -24.71	27.97 0.36 -23.83	30.13 -0.10 -31.26	32.09 -0.24 -34.87	34.69 1.23 -20.92	35.24 1.85 -14.19	43.48 3.67 -1.21	62.70 5.18 0.00	251.46 20.48 0.00	40.34 3.31 0.00	37.52 3.15 0.00	32.83 2.59 -2.39
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	33.83 -0.23 -37.43	30.81 0.07 -29.62	28.22 0.05 -27.55	27.90 0.52 -18.98	28.70 0.59 -18.30	27.16 0.30 -22.26	67.21 1.20 -49.12	47.97 1.92 -19.93	29.62 2.28 -0.18	27.40 2.06 0.00	30.42 1.24 -13.93	92.36 6.72 -19.71	29.35 0.44 -24.71	27.97 0.36 -23.83	30.13 -0.10 -31.26	32.09 -0.24 -34.87	34.68 1.22 -20.92	35.23 1.85 -14.19	43.48 3.66 -1.21	62.68 5.16 0.00	251.36 20.37 0.00	40.32 3.29 0.00	37.50 3.13 0.00	32.82 2.58 -2.39
FARRAGUT___LBMP 323566	33.83 -0.23 -37.43	30.80 0.07 -29.62	28.22 0.05 -27.55	27.90 0.51 -18.98	28.69 0.58 -18.30	27.15 0.29 -22.26	67.20 1.19 -49.12	47.94 1.90 -19.93	29.60 2.25 -0.18	27.37 2.03 0.00	30.40 1.22 -13.93	92.26 6.62 -19.71	29.34 0.43 -24.71	27.97 0.35 -23.83	30.13 -0.10 -31.26	32.09 -0.24 -34.87	34.67 1.21 -20.92	35.21 1.83 -14.19	43.44 3.63 -1.21	62.63 5.11 0.00	251.13 20.15 0.00	40.29 3.27 0.00	37.47 3.11 0.00	32.79 2.56 -2.39
FARRCKWY_69_KV_BK2 55825	61.05 -0.27 -64.71	66.50 0.09 -65.30	56.89 0.06 -56.20	54.39 0.68 -45.31	46.81 0.77 -36.22	66.93 0.37 -61.97	74.88 1.49 -56.49	67.54 2.30 -39.13	81.98 2.76 -52.06	63.16 2.44 -35.38	71.47 1.48 -54.73	111.81 7.31 -38.57	61.73 0.49 -57.04	62.79 0.41 -58.60	70.53 -0.11 -71.68	70.96 -0.27 -73.77	73.69 1.37 -59.78	81.72 2.11 -60.41	127.62 4.30 -84.72	147.31 6.07 -83.72	353.05 24.22 -97.84	132.74 3.91 -91.80	63.43 3.61 -25.46	71.21 2.99 -40.38
FENNER___WINDPWR 24204	-2.73 -0.01 -0.66	1.64 0.00 -0.52	1.11 0.00 -0.49	8.75 0.01 -0.33	10.16 0.03 -0.32	5.02 0.03 -0.39	18.58 0.15 -1.54	26.67 0.21 -0.36	27.37 0.20 0.00	25.45 0.11 0.00	15.46 -0.04 -0.25	67.80 0.01 -1.85	7.37 -0.02 -3.18	6.84 -0.01 -3.07	2.99 0.00 -4.02	1.95 0.00 -4.49	15.28 0.05 -2.69	21.10 0.08 -1.83	39.19 0.44 -0.16	59.10 1.13 -0.44	236.31 5.33 0.00	37.64 0.61 0.00	34.79 0.43 0.00	29.61 0.25 -1.52
FIBERTEK___ENERGY 23856	-2.81 0.04 -0.53	1.52 -0.01 -0.42	1.00 -0.01 -0.39	8.57 -0.10 -0.27	9.97 -0.10 -0.26	4.88 -0.04 -0.32	17.49 -0.10 -0.70	26.24 -0.16 -0.29	27.04 -0.13 0.00	25.12 -0.22 0.00	15.27 -0.19 -0.20	57.65 -0.44 7.83	6.80 -0.03 -2.63	6.29 -0.03 -2.54	2.30 0.01 -3.33	1.19 0.02 -3.71	14.69 -0.08 -2.23	20.52 -0.15 -1.48	38.38 -0.25 -0.04	57.09 -0.20 0.22	230.61 -0.36 0.00	35.96 -0.12 0.95	33.42 -0.17 0.78	26.17 -0.13 1.54
FITZPATRICK___ 23598	-3.27 0.10 0.00	1.08 -0.03 0.00	0.60 -0.02 0.00	8.15 -0.26 0.00	9.52 -0.29 0.00	4.46 -0.13 0.00	16.43 -0.47 0.00	25.39 -0.72 0.00	26.46 -0.71 0.00	24.65 -0.69 0.00	14.82 -0.44 0.00	65.13 -1.64 -0.85	5.64 -0.11 -1.55	5.17 -0.10 -1.49	0.95 0.03 -1.96	-0.29 0.07 -2.18	13.50 -0.35 -1.31	19.49 -0.59 -0.89	37.46 -1.22 -0.08	55.73 -1.79 0.00	223.87 -7.11 0.00	35.91 -1.12 0.00	33.33 -1.04 0.00	27.17 -0.82 -0.15
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	33.94 -0.24 -37.55	30.90 0.07 -29.71	28.30 0.05 -27.63	27.99 0.55 -19.04	28.80 0.63 -18.36	27.24 0.31 -22.33	67.42 1.26 -49.27	48.09 1.98 -20.01	29.68 2.33 -0.18	27.36 2.02 0.00	30.59 1.22 -14.11	91.81 5.86 -20.03	29.76 0.39 -25.17	28.38 0.33 -24.27	30.71 -0.09 -31.84	32.75 -0.23 -35.51	35.01 1.17 -21.31	35.48 1.83 -14.45	43.57 3.73 -1.24	62.95 5.43 0.00	252.40 21.42 0.00	40.49 3.46 0.00	37.58 3.21 0.00	32.88 2.61 -2.43
FORT ORANGE___ 23900	37.69 -0.14 -41.21	33.77 0.04 -32.61	30.98 0.03 -30.33	29.65 0.35 -20.90	30.36 0.40 -20.15	29.28 0.17 -24.51	71.62 0.65 -54.08	48.99 0.93 -21.95	28.26 0.89 -0.20	26.16 0.82 0.00	31.19 0.52 -15.42	90.06 1.88 -22.25	32.51 0.14 -28.17	31.09 0.14 -27.16	34.56 -0.04 -35.63	37.12 -0.09 -39.75	36.85 0.46 -23.85	36.09 0.72 -16.17	41.38 1.40 -1.38	59.50 1.98 0.00	238.74 7.76 0.00	38.47 1.44 0.00	35.78 1.41 0.00	31.64 1.18 -2.62
FORT_DRUM_COGEN 23780	-3.17 0.21 0.00	1.07 -0.04 0.00	0.57 -0.06 0.00	7.84 -0.56 0.00	9.17 -0.64 0.00	4.30 -0.29 0.00	11.82 -1.00 4.08	24.74 -1.37 0.00	25.68 -1.49 0.00	23.94 -1.40 0.00	14.06 -1.19 0.00	60.94 -5.79 -0.81	5.33 -0.35 -1.48	4.91 -0.29 -1.42	0.91 0.08 -1.87	-0.26 0.20 -2.08	12.81 -0.98 -1.25	18.69 -1.35 -0.85	36.46 -2.21 -0.07	56.00 -1.52 0.00	227.98 -3.00 0.00	35.65 -1.38 0.00	32.66 -1.71 0.00	18.08 -1.79 7.98
FOX_HILLS___ESR 323835	33.79 -0.27 -37.43	30.81 0.08 -29.62	28.22 0.06 -27.55	27.99 0.60 -18.98	28.80 0.69 -18.30	27.18 0.33 -22.26	67.31 1.30 -49.12	48.12 2.08 -19.94	29.75 2.40 -0.18	27.48 2.14 0.00	30.46 1.28 -13.93	92.42 6.78 -19.71	29.36 0.45 -24.71	27.97 0.36 -23.83	30.12 -0.10 -31.26	32.08 -0.25 -34.87	34.72 1.26 -20.92	35.29 1.91 -14.19	43.59 3.78 -1.21	62.94 5.42 0.00	252.77 21.78 -0.01	40.58 3.55 0.00	37.66 3.30 0.00	33.00 2.77 -2.39
FPL_FAR_ROCK_GT1 24212	61.04 -0.29 -64.71	66.50 0.09 -65.30	56.89 0.06 -56.20	54.40 0.68 -45.31	46.81 0.78 -36.22	66.93 0.37 -61.97	74.87 1.49 -56.49	67.54 2.30 -39.13	81.99 2.76 -52.06	63.16 2.44 -35.38	71.47 1.49 -54.73	111.79 7.29 -38.57	61.73 0.49 -57.04	62.80 0.41 -58.60	70.53 -0.11 -71.68	70.96 -0.27 -73.77	73.69 1.37 -59.78	81.72 2.11 -60.41	127.61 4.29 -84.72	147.31 6.07 -83.72	353.04 24.22 -97.84	132.74 3.91 -91.80	63.41 3.59 -25.46	71.22 3.00 -40.38
FPL_FAR_ROCK_GT2 23815	61.04 -0.29 -64.71	66.50 0.09 -65.30	56.89 0.06 -56.20	54.40 0.68 -45.31	46.81 0.78 -36.22	66.93 0.37 -61.97	74.87 1.49 -56.49	67.54 2.30 -39.13	81.99 2.76 -52.06	63.16 2.44 -35.38	71.47 1.49 -54.73	111.79 7.29 -38.57	61.73 0.49 -57.04	62.80 0.41 -58.60	70.53 -0.11 -71.68	70.96 -0.27 -73.77	73.69 1.37 -59.78	81.72 2.11 -60.41	127.61 4.29 -84.72	147.31 6.07 -83.72	353.04 24.22 -97.84	132.74 3.91 -91.80	63.41 3.59 -25.46	71.22 3.00 -40.38

FRANKLIN_FALL_HYD 24054	-3.30 0.07 0.00	1.09 -0.02 0.00	0.61 -0.01 0.00	8.27 -0.14 0.00	9.65 -0.16 0.00	4.55 -0.05 0.00	16.15 -0.36 0.39	25.65 -0.46 0.00	26.61 -0.56 0.00	24.86 -0.49 0.00	15.02 -0.23 0.00	64.62 -1.30 0.00	4.13 -0.07 0.00	3.71 -0.08 0.00	-1.02 0.02 0.00	-2.47 0.07 0.00	12.22 -0.32 0.00	18.81 -0.39 0.00	37.99 -0.61 0.00	56.79 -0.73 0.00	228.93 -2.05 0.00	36.55 -0.48 0.00	33.65 -0.72 0.00	26.42 -0.66 0.77
FREEPORT_EQUS_GT1 23764	53.86 -0.28 -57.52	57.09 0.08 -55.89	49.33 0.06 -48.65	47.42 0.65 -38.37	42.05 0.74 -31.50	56.46 0.36 -51.50	72.82 1.41 -54.52	62.13 2.19 -33.83	68.15 2.65 -38.33	53.40 2.31 -25.75	60.26 1.38 -43.62	106.13 6.77 -33.43	52.90 0.46 -48.24	53.30 0.38 -49.14	59.54 -0.10 -60.68	60.39 -0.25 -63.18	63.00 1.26 -49.20	68.96 1.94 -47.83	104.58 3.99 -61.98	124.16 5.71 -60.93	324.95 22.76 -71.20	107.52 3.68 -66.81	56.30 3.40 -18.53	60.74 2.86 -30.04
FREEPORT___CT2 23818	53.86 -0.28 -57.52	57.09 0.08 -55.89	49.33 0.06 -48.65	47.42 0.65 -38.37	42.05 0.74 -31.50	56.46 0.36 -51.50	72.82 1.41 -54.52	62.13 2.19 -33.83	68.15 2.65 -38.33	53.40 2.31 -25.75	60.26 1.38 -43.62	106.13 6.77 -33.43	52.90 0.46 -48.24	53.30 0.38 -49.14	59.54 -0.10 -60.68	60.39 -0.25 -63.18	63.00 1.26 -49.20	68.96 1.94 -47.83	104.58 3.99 -61.98	124.16 5.71 -60.93	324.95 22.76 -71.20	107.52 3.68 -66.81	56.30 3.40 -18.53	60.74 2.86 -30.04
FRESHKLS_33_KV_LOAD 356253	33.79 -0.27 -37.43	30.82 0.09 -29.62	28.23 0.06 -27.55	28.03 0.65 -18.98	28.85 0.73 -18.30	27.20 0.34 -22.26	67.38 1.37 -49.12	48.22 2.17 -19.94	29.83 2.48 -0.18	27.52 2.18 0.00	30.47 1.29 -13.93	92.49 6.85 -19.71	29.37 0.46 -24.71	27.97 0.36 -23.83	30.12 -0.10 -31.26	32.08 -0.25 -34.87	34.73 1.27 -20.92	35.32 1.94 -14.19	43.68 3.87 -1.21	63.11 5.59 0.00	253.60 22.61 -0.01	40.71 3.68 0.00	37.78 3.41 0.00	33.09 2.85 -2.39
FULTON COGEN____ 23766	-3.27 0.10 0.00	1.08 -0.04 0.00	0.60 -0.02 0.00	8.13 -0.27 0.00	9.51 -0.30 0.00	4.46 -0.13 0.00	16.18 -0.46 0.26	25.45 -0.66 0.00	26.52 -0.65 0.00	24.64 -0.70 0.00	14.78 -0.47 0.00	65.32 -1.77 -1.17	6.22 -0.11 -2.12	5.72 -0.11 -2.05	1.68 0.03 -2.68	0.52 0.06 -2.99	13.98 -0.36 -1.80	19.83 -0.58 -1.22	37.56 -1.15 -0.10	55.95 -1.57 0.00	225.01 -5.97 0.00	36.06 -0.97 0.00	33.42 -0.94 0.00	26.63 -0.78 0.43
FULTON___LFGE 323630	39.67 -0.18 -43.22	35.37 0.05 -34.20	32.46 0.03 -31.81	30.71 0.39 -21.91	31.41 0.47 -21.13	30.54 0.23 -25.71	74.52 0.91 -56.72	50.09 0.92 -23.06	28.01 0.63 -0.21	26.13 0.79 0.00	31.67 0.25 -16.17	100.25 2.04 -32.29	34.55 0.00 -30.35	33.07 0.02 -29.27	37.34 -0.02 -38.39	40.29 0.00 -42.83	38.32 0.09 -25.69	37.12 0.47 -17.45	41.18 1.06 -1.52	60.52 3.00 0.00	245.25 14.27 0.00	40.00 2.11 -0.86	36.08 1.71 0.00	32.14 1.31 -2.98
G.F.CEMENT___DRP 24184	38.45 -0.24 -42.07	34.48 0.08 -33.29	31.62 0.04 -30.96	30.31 0.57 -21.33	31.08 0.70 -20.57	29.96 0.34 -25.02	73.42 1.33 -55.20	50.38 1.86 -22.41	29.26 1.88 -0.20	27.22 1.88 0.00	32.02 1.03 -15.74	92.91 4.17 -22.82	33.39 0.24 -28.94	31.94 0.25 -27.91	35.51 -0.06 -36.62	38.14 -0.16 -40.84	37.88 0.84 -24.51	37.24 1.43 -16.62	43.23 3.20 -1.43	62.15 4.63 0.00	249.20 18.22 0.00	40.02 2.99 0.00	37.16 2.79 0.00	32.73 2.18 -2.70
GARDENVILLE___LBMP 24039	-2.43 0.21 -0.74	-0.70 -0.08 1.74	0.93 -0.07 -0.38	4.26 -0.57 3.57	2.73 -0.62 6.46	-1.81 -0.28 6.12	8.74 -1.09 7.07	20.75 -1.68 3.68	21.14 -1.23 4.81	24.18 -0.99 0.17	15.00 -0.53 -0.28	7.14 -1.21 57.57	7.17 -0.21 -3.18	2.99 -0.17 0.62	0.16 0.07 -1.13	0.57 0.12 -3.00	14.70 -0.74 -2.90	17.23 -1.29 0.67	21.07 -2.42 15.11	44.52 -3.85 9.15	211.44 -13.58 5.96	18.83 -2.21 15.99	11.57 -2.26 20.54	4.23 -1.73 21.89
GARDNVLA_35_KV_LD 355827	-2.44 0.20 -0.74	-0.24 -0.07 1.28	0.96 -0.07 -0.41	5.04 -0.56 2.80	4.08 -0.60 5.13	-0.54 -0.27 4.86	9.94 -1.05 5.91	21.40 -1.59 3.12	21.93 -1.13 4.11	24.26 -0.89 0.19	15.06 -0.47 -0.28	7.15 -1.10 57.68	7.23 -0.19 -3.22	3.56 -0.17 0.06	0.62 0.11 -1.59	0.83 0.11 -3.26	14.75 -0.69 -2.90	17.67 -1.21 0.32	23.31 -2.27 13.02	45.79 -3.60 8.13	213.30 -12.56 5.11	20.39 -2.05 14.58	13.90 -2.15 18.31	5.93 -1.65 20.26
GELCKHM___115KV_LOAD 80723	-3.32 0.05 0.00	1.09 -0.02 0.00	0.61 -0.02 0.00	8.26 -0.15 0.00	9.65 -0.15 0.00	4.53 -0.07 0.00	16.69 -0.20 0.00	26.12 -0.26 -0.27	26.94 -0.23 0.00	25.04 -0.30 0.00	15.21 -0.23 -0.19	59.09 -0.65 6.19	6.57 -0.05 -2.41	6.07 -0.04 -2.33	2.03 0.01 -3.05	0.89 0.02 -3.41	14.45 -0.14 -2.04	20.31 -0.25 -1.36	38.20 -0.45 -0.05	56.82 -0.51 0.18	229.45 -1.53 0.00	35.96 -0.30 0.77	33.40 -0.34 0.63	26.32 -0.29 1.23
GENERAL___MILLS 23808	-2.43 0.20 -0.74	-0.37 -0.08 1.41	0.95 -0.07 -0.40	4.83 -0.56 3.01	3.71 -0.61 5.49	-0.88 -0.27 5.20	9.60 -1.07 6.22	21.22 -1.62 3.27	21.70 -1.17 4.30	24.22 -0.94 0.18	15.03 -0.50 -0.28	7.08 -1.21 57.64	7.21 -0.20 -3.21	3.40 -0.17 0.21	0.49 0.07 -1.46	0.77 0.12 -3.19	14.72 -0.72 -2.90	17.53 -1.25 0.42	22.66 -2.35 13.58	45.39 -3.73 8.41	212.48 -13.15 5.34	19.94 -2.13 14.96	13.24 -2.21 18.92	5.45 -1.69 20.70
GE_PLASTICS___DRP 24183	37.71 -0.11 -41.20	33.75 0.04 -32.60	30.97 0.03 -30.32	29.60 0.31 -20.89	30.30 0.35 -20.14	29.25 0.15 -24.50	71.54 0.59 -54.06	48.92 0.86 -21.95	28.23 0.86 -0.20	26.15 0.81 0.00	31.18 0.51 -15.41	90.14 1.98 -22.24	32.49 0.14 -28.14	31.06 0.14 -27.14	34.53 -0.03 -35.60	37.08 -0.09 -39.71	36.82 0.45 -23.83	36.05 0.70 -16.16	41.32 1.35 -1.38	59.35 1.83 0.00	237.92 6.94 0.00	38.30 1.27 0.00	35.66 1.29 0.00	31.53 1.07 -2.62
GILBOA___1 23756	32.17 -0.13 -35.68	29.39 0.04 -28.24	26.91 0.03 -26.26	26.83 0.33 -18.09	27.64 0.38 -17.45	25.98 0.17 -21.22	64.37 0.66 -46.82	46.13 1.01 -19.00	28.44 1.10 -0.17	26.32 0.98 0.00	29.26 0.65 -13.35	94.67 2.54 -26.21	27.58 0.17 -23.21	26.31 0.15 -22.39	28.29 -0.04 -29.37	30.12 -0.10 -32.75	32.70 0.50 -19.65	33.32 0.78 -13.35	41.35 1.55 -1.21	59.77 2.07 -0.18	238.58 7.59 0.00	39.09 1.30 -0.77	36.38 1.38 -0.64	32.64 1.17 -3.63
GILBOA___2 23757	32.17 -0.13 -35.68	29.39 0.04 -28.24	26.91 0.03 -26.26	26.83 0.33 -18.09	27.64 0.38 -17.45	25.98 0.17 -21.22	64.37 0.66 -46.82	46.13 1.01 -19.00	28.44 1.10 -0.17	26.32 0.98 0.00	29.26 0.65 -13.35	94.67 2.54 -26.21	27.58 0.17 -23.21	26.31 0.15 -22.39	28.29 -0.04 -29.37	30.12 -0.10 -32.75	32.70 0.50 -19.65	33.32 0.78 -13.35	41.35 1.55 -1.21	59.77 2.07 -0.18	238.58 7.59 0.00	39.09 1.30 -0.77	36.38 1.38 -0.64	32.64 1.17 -3.63
GILBOA___3 23758	32.17 -0.13 -35.68	29.39 0.04 -28.24	26.91 0.03 -26.26	26.83 0.33 -18.09	27.64 0.38 -17.45	25.98 0.17 -21.22	64.37 0.66 -46.82	46.13 1.01 -19.00	28.44 1.10 -0.17	26.32 0.98 0.00	29.26 0.65 -13.35	94.67 2.54 -26.21	27.58 0.17 -23.21	26.31 0.15 -22.39	28.29 -0.04 -29.37	30.12 -0.10 -32.75	32.70 0.50 -19.65	33.32 0.78 -13.35	41.35 1.55 -1.21	59.77 2.07 -0.18	238.58 7.59 0.00	39.09 1.30 -0.77	36.38 1.38 -0.64	32.64 1.17 -3.63

GILBOA___4 23759	32.17 -0.13 -35.68	29.39 0.04 -28.24	26.91 0.03 -26.26	26.83 0.33 -18.09	27.64 0.38 -17.45	25.98 0.17 -21.22	64.37 0.66 -46.82	46.13 1.01 -19.00	28.44 1.10 -0.17	26.32 0.98 0.00	29.26 0.65 -13.35	94.67 2.54 -26.21	27.58 0.17 -23.21	26.31 0.15 -22.39	28.29 -0.04 -29.37	30.12 -0.10 -32.75	32.70 0.50 -19.65	33.32 0.78 -13.35	41.35 1.55 -1.21	59.77 2.07 -0.18	238.58 7.59 0.00	39.09 1.30 -0.77	36.38 1.38 -0.64	32.64 1.17 -3.63
GILBOA___ 23599	32.18 -0.13 -35.68	29.40 0.04 -28.24	26.91 0.03 -26.26	26.83 0.33 -18.09	27.64 0.38 -17.45	25.98 0.17 -21.22	64.38 0.66 -46.82	46.13 1.01 -19.00	28.44 1.09 -0.17	26.32 0.98 0.00	29.26 0.65 -13.35	94.67 2.54 -26.21	27.59 0.17 -23.21	26.31 0.15 -22.39	28.29 -0.04 -29.37	30.12 -0.10 -32.75	32.70 0.50 -19.65	33.33 0.78 -13.35	41.35 1.55 -1.21	59.77 2.07 -0.18	238.59 7.61 0.00	39.09 1.30 -0.77	36.39 1.39 -0.64	32.64 1.17 -3.63
GINNA___ 23603	-2.53 0.27 -0.58	1.49 -0.08 -0.46	0.99 -0.06 -0.43	8.05 -0.64 -0.29	9.36 -0.73 -0.28	4.62 -0.32 -0.35	16.46 -1.19 -0.76	24.49 -1.83 -0.21	25.42 -1.76 0.00	23.96 -1.59 -0.21	14.52 -0.95 -0.22	33.16 -3.62 29.15	6.61 -0.28 -2.69	6.15 -0.27 -2.64	2.48 0.07 -3.44	1.46 0.16 -3.84	13.95 -0.88 -2.28	19.22 -1.42 -1.45	35.75 -2.68 0.16	52.41 -4.05 1.06	215.56 -15.42 0.00	31.37 -2.54 3.11	29.40 -2.47 2.49	20.47 -2.05 5.32
GLEN PARK___ 23778	-3.18 0.20 0.00	1.07 -0.04 0.00	0.57 -0.05 0.00	7.86 -0.54 0.00	9.20 -0.61 0.00	4.32 -0.27 0.00	12.14 -0.91 3.84	24.87 -1.24 0.00	25.81 -1.36 0.00	23.96 -1.38 0.00	14.05 -1.20 0.00	60.92 -5.84 -0.83	5.36 -0.36 -1.52	4.95 -0.30 -1.46	0.96 0.08 -1.92	-0.20 0.20 -2.14	12.82 -1.00 -1.28	18.68 -1.39 -0.87	36.45 -2.22 -0.07	56.18 -1.34 0.00	228.91 -2.07 0.00	35.80 -1.23 0.00	32.76 -1.61 0.00	18.62 -1.72 7.51
GLENDALE_27_KV_LOAD 356172	33.81 -0.25 -37.43	30.81 0.08 -29.62	28.22 0.05 -27.55	27.94 0.56 -18.98	28.74 0.63 -18.30	27.18 0.31 -22.26	67.27 1.26 -49.12	48.08 2.03 -19.94	29.76 2.41 -0.18	27.52 2.19 0.00	30.49 1.31 -13.93	92.54 6.90 -19.71	29.38 0.46 -24.71	27.98 0.37 -23.83	30.12 -0.10 -31.26	32.08 -0.25 -34.87	34.74 1.28 -20.92	35.33 1.94 -14.19	43.64 3.83 -1.21	62.88 5.37 0.00	252.11 21.13 0.00	40.49 3.47 0.00	37.63 3.26 0.00	32.93 2.69 -2.39
GLENWOOD_IC_1_G5 23712	58.14 -0.26 -61.76	62.65 0.08 -61.45	53.79 0.05 -53.11	51.48 0.61 -42.47	44.79 0.69 -34.29	62.62 0.34 -57.69	73.94 1.36 -55.69	65.23 2.13 -36.99	76.05 2.46 -46.42	59.03 2.22 -31.47	66.84 1.36 -50.22	109.22 6.81 -36.48	58.12 0.46 -53.46	58.92 0.38 -54.76	66.07 -0.10 -67.21	66.68 -0.26 -69.47	69.30 1.28 -55.48	76.41 1.92 -55.30	117.88 3.80 -75.49	137.36 5.38 -74.47	339.36 21.35 -87.02	122.13 3.45 -81.65	60.33 3.32 -22.64	66.78 2.76 -36.18
GLENWOOD_IC_2_G1 23688	34.93 -0.25 -38.55	32.27 0.07 -31.09	29.40 0.05 -28.73	29.02 0.55 -20.06	29.48 0.64 -19.04	28.80 0.31 -23.89	67.56 1.25 -49.42	48.83 1.97 -20.75	33.40 2.34 -3.89	28.88 2.08 -1.46	32.12 1.26 -15.61	92.82 6.42 -20.48	30.67 0.43 -26.04	29.39 0.35 -25.26	31.79 -0.10 -32.92	33.69 -0.24 -36.47	36.26 1.20 -22.52	37.10 1.82 -16.09	46.89 3.65 -4.65	66.15 5.18 -3.44	255.48 20.47 -4.02	44.13 3.32 -3.78	38.53 3.11 -1.05	34.41 2.61 -3.96
GLENWOOD_IC_3_G1 23689	34.93 -0.25 -38.55	32.27 0.07 -31.09	29.40 0.05 -28.73	29.02 0.55 -20.06	29.48 0.64 -19.04	28.80 0.31 -23.89	67.56 1.25 -49.42	48.83 1.97 -20.75	33.40 2.34 -3.89	28.88 2.08 -1.46	32.12 1.26 -15.61	92.82 6.42 -20.48	30.67 0.43 -26.04	29.39 0.35 -25.26	31.79 -0.10 -32.92	33.69 -0.24 -36.47	36.26 1.20 -22.52	37.10 1.82 -16.09	46.89 3.65 -4.65	66.15 5.18 -3.44	255.48 20.47 -4.02	44.13 3.32 -3.78	38.53 3.11 -1.05	34.41 2.61 -3.96
GLENWOOD___4 23550	58.14 -0.26 -61.76	62.65 0.08 -61.45	53.79 0.05 -53.11	51.48 0.61 -42.47	44.79 0.69 -34.29	62.62 0.34 -57.69	73.94 1.36 -55.69	65.23 2.13 -36.99	76.08 2.48 -46.42	59.04 2.23 -31.47	66.84 1.36 -50.22	109.22 6.81 -36.48	58.12 0.46 -53.46	58.92 0.38 -54.76	66.07 -0.10 -67.21	66.68 -0.26 -69.47	69.30 1.28 -55.48	76.42 1.93 -55.30	117.93 3.85 -75.49	137.43 5.44 -74.47	339.59 21.59 -87.02	122.18 3.50 -81.65	60.33 3.32 -22.64	66.78 2.76 -36.18
GLENWOOD___5 23614	58.14 -0.26 -61.76	62.65 0.08 -61.45	53.79 0.05 -53.11	51.48 0.61 -42.47	44.79 0.69 -34.29	62.62 0.34 -57.69	73.94 1.36 -55.69	65.23 2.13 -36.99	76.08 2.48 -46.42	59.04 2.23 -31.47	66.84 1.36 -50.22	109.22 6.81 -36.48	58.12 0.46 -53.46	58.92 0.38 -54.76	66.07 -0.10 -67.21	66.68 -0.26 -69.47	69.30 1.28 -55.48	76.42 1.93 -55.30	117.93 3.85 -75.49	137.43 5.44 -74.47	339.59 21.59 -87.02	122.18 3.50 -81.65	60.33 3.32 -22.64	66.78 2.76 -36.18
GLOBAL GREEN_PORT_GT1 23814	48.96 -0.26 -52.60	50.65 0.07 -49.46	44.17 0.06 -43.48	42.61 0.58 -33.62	38.71 0.63 -28.27	49.23 0.29 -44.34	71.33 1.21 -53.23	58.59 1.81 -30.66	59.29 2.09 -30.03	46.68 1.59 -19.75	52.81 0.84 -36.71	100.38 4.22 -30.24	47.27 0.31 -42.76	47.27 0.25 -43.25	52.72 -0.07 -53.83	53.88 -0.17 -56.59	56.04 0.88 -42.62	60.64 1.45 -39.99	89.66 3.22 -47.84	108.92 4.65 -46.74	304.48 18.87 -54.63	91.22 2.94 -51.26	51.32 2.74 -14.21	53.72 2.28 -23.60
GLOBE___DSASP 323697	-2.41 0.28 -0.69	0.05 -0.09 0.97	0.94 -0.08 -0.40	5.48 -0.69 2.23	4.93 -0.76 4.12	0.37 -0.34 3.88	10.99 -1.48 4.42	21.44 -2.30 2.37	22.20 -1.78 3.18	23.98 -1.36 0.00	14.74 -0.77 -0.26	13.86 -2.12 49.94	6.97 -0.28 -3.04	4.03 -0.22 -0.48	0.95 0.07 -1.92	0.90 0.13 -3.30	14.37 -0.89 -2.72	17.55 -1.69 -0.04	25.01 -3.44 10.15	45.14 -5.86 6.52	205.22 -21.76 4.00	21.61 -3.53 11.89	16.54 -3.14 14.69	8.97 -2.18 16.70
GOETHSLN___LBMP 323567	33.84 -0.22 -37.43	30.80 0.07 -29.62	28.22 0.05 -27.55	27.87 0.49 -18.98	28.66 0.55 -18.30	27.14 0.28 -22.26	67.16 1.15 -49.12	47.88 1.83 -19.93	29.51 2.17 -0.18	27.29 1.95 0.00	30.36 1.17 -13.93	92.12 6.48 -19.71	29.33 0.42 -24.71	27.95 0.34 -23.83	30.13 -0.09 -31.26	32.10 -0.23 -34.87	34.63 1.17 -20.92	35.15 1.77 -14.19	43.30 3.49 -1.21	62.47 4.95 0.00	250.59 19.60 0.00	40.19 3.16 0.00	37.38 3.01 0.00	32.74 2.50 -2.39
GOLAH___69_KV_TB 1_2 80279	-2.67 0.11 -0.59	1.54 -0.04 -0.47	1.02 -0.04 -0.44	8.41 -0.29 -0.30	9.80 -0.30 -0.29	4.83 -0.12 -0.35	17.20 -0.47 -0.78	26.19 -0.71 -0.80	27.08 -0.54 -0.45	25.11 -0.50 -0.27	15.17 -0.30 -0.22	32.13 -0.45 33.34	6.86 -0.12 -2.78	6.40 -0.11 -2.73	2.56 0.04 -3.56	1.49 0.06 -3.97	14.48 -0.41 -2.36	19.91 -0.77 -1.49	37.13 -1.27 0.20	54.47 -1.84 1.21	225.43 -5.55 0.00	32.55 -0.94 3.54	30.47 -1.07 2.84	20.96 -0.81 6.07
GOODYEAR_LAKE_HYD 323669	-2.62 -0.19 -0.95	1.91 0.04 -0.75	1.33 0.01 -0.70	9.21 0.33 -0.48	10.69 0.41 -0.46	5.37 0.21 -0.57	19.09 0.95 -1.25	27.67 1.38 -0.19	28.16 1.34 0.35	26.12 1.02 0.24	15.90 0.29 -0.36	101.00 1.80 -33.28	8.20 0.11 -3.88	7.60 0.11 -3.71	3.82 -0.03 -4.88	2.84 -0.07 -5.45	16.22 0.39 -3.29	22.33 0.81 -2.33	40.77 1.57 -0.60	61.58 3.64 -0.42	248.33 17.35 0.00	42.37 2.21 -3.13	37.10 1.28 -1.46	33.07 1.03 -4.20

GOUDEY___7 345031	-1.70 0.03 -1.64	2.75 -0.02 -1.66	1.84 -0.02 -1.24	9.72 -0.12 -1.44	11.56 -0.11 -1.86	6.54 -0.04 -1.99	20.20 -0.09 -3.40	26.86 -0.15 -0.90	27.14 -0.08 -0.05	24.60 -0.24 0.49	15.66 -0.22 -0.63	144.86 0.73 -78.21	12.37 0.04 -8.13	11.99 0.04 -8.17	9.50 -0.01 -10.54	9.01 -0.03 -11.57	19.51 0.10 -6.86	24.53 0.19 -5.15	41.74 0.49 -2.66	60.59 0.85 -2.23	235.42 3.80 -0.64	46.05 0.52 -8.50	42.18 0.40 -7.41	43.33 0.33 -15.15
GOUDEY___7 23579	-1.70 0.03 -1.64	2.75 -0.02 -1.66	1.84 -0.02 -1.24	9.72 -0.12 -1.44	11.56 -0.11 -1.86	6.54 -0.04 -1.99	20.20 -0.09 -3.40	26.86 -0.15 -0.90	27.14 -0.08 -0.05	24.60 -0.24 0.49	15.66 -0.22 -0.63	144.86 0.73 -78.21	12.37 0.04 -8.13	11.99 0.04 -8.17	9.50 -0.01 -10.54	9.01 -0.03 -11.57	19.51 0.10 -6.86	24.53 0.19 -5.15	41.74 0.49 -2.66	60.59 0.85 -2.23	235.42 3.80 -0.64	46.05 0.52 -8.50	42.18 0.40 -7.41	43.33 0.33 -15.15
GOUDEY___8 23580	-1.70 0.03 -1.64	2.75 -0.02 -1.66	1.84 -0.02 -1.24	9.72 -0.12 -1.44	11.56 -0.11 -1.86	6.54 -0.04 -1.99	20.20 -0.09 -3.40	26.86 -0.15 -0.90	27.14 -0.08 -0.05	24.60 -0.24 0.49	15.66 -0.22 -0.63	144.86 0.73 -78.21	12.37 0.04 -8.13	11.99 0.04 -8.17	9.50 -0.01 -10.54	9.01 -0.03 -11.57	19.51 0.10 -6.86	24.53 0.19 -5.15	41.74 0.49 -2.66	60.59 0.85 -2.23	235.42 3.80 -0.64	46.05 0.52 -8.50	42.18 0.40 -7.41	43.33 0.33 -15.15
GOWANUS_GT1_1 24077	33.81 -0.24 -37.43	30.82 0.08 -29.62	28.22 0.05 -27.55	27.95 0.57 -18.98	28.75 0.64 -18.30	27.17 0.31 -22.26	67.29 1.27 -49.12	48.08 2.04 -19.94	29.74 2.39 -0.18	27.49 2.14 0.00	30.47 1.29 -13.93	92.49 6.85 -19.71	29.37 0.45 -24.71	27.97 0.36 -23.83	30.12 -0.10 -31.26	32.08 -0.25 -34.87	34.73 1.27 -20.92	35.31 1.93 -14.19	43.62 3.80 -1.21	62.94 5.42 0.00	252.52 21.54 -0.01	40.54 3.51 0.00	37.66 3.30 0.00	32.96 -2.72 -2.39
GOWANUS_GT1_2 24078	33.81 -0.24 -37.43	30.82 0.08 -29.62	28.22 0.05 -27.55	27.95 0.57 -18.98	28.75 0.64 -18.30	27.17 0.31 -22.26	67.29 1.27 -49.12	48.08 2.04 -19.94	29.74 2.39 -0.18	27.49 2.14 0.00	30.47 1.29 -13.93	92.49 6.85 -19.71	29.37 0.45 -24.71	27.97 0.36 -23.83	30.12 -0.10 -31.26	32.08 -0.25 -34.87	34.73 1.27 -20.92	35.31 1.93 -14.19	43.62 3.80 -1.21	62.94 5.42 0.00	252.52 21.54 -0.01	40.54 3.51 0.00	37.66 3.30 0.00	32.96 -2.72 -2.39
GOWANUS_GT1_3 24079	33.81 -0.24 -37.43	30.82 0.08 -29.62	28.22 0.05 -27.55	27.95 0.57 -18.98	28.75 0.64 -18.30	27.17 0.31 -22.26	67.29 1.27 -49.12	48.08 2.04 -19.94	29.74 2.39 -0.18	27.49 2.14 0.00	30.47 1.29 -13.93	92.49 6.85 -19.71	29.37 0.45 -24.71	27.97 0.36 -23.83	30.12 -0.10 -31.26	32.08 -0.25 -34.87	34.73 1.27 -20.92	35.31 1.93 -14.19	43.62 3.80 -1.21	62.94 5.42 0.00	252.52 21.54 -0.01	40.54 3.51 0.00	37.66 3.30 0.00	32.96 -2.72 -2.39
GOWANUS_GT1_4 24080	33.81 -0.24 -37.43	30.82 0.08 -29.62	28.22 0.05 -27.55	27.95 0.57 -18.98	28.75 0.64 -18.30	27.17 0.31 -22.26	67.29 1.27 -49.12	48.08 2.04 -19.94	29.74 2.39 -0.18	27.49 2.14 0.00	30.47 1.29 -13.93	92.49 6.85 -19.71	29.37 0.45 -24.71	27.97 0.36 -23.83	30.12 -0.10 -31.26	32.08 -0.25 -34.87	34.73 1.27 -20.92	35.31 1.93 -14.19	43.62 3.80 -1.21	62.94 5.42 0.00	252.52 21.54 -0.01	40.54 3.51 0.00	37.66 3.30 0.00	32.96 -2.72 -2.39
GOWANUS_GT1_5 24084	33.81 -0.24 -37.43	30.82 0.08 -29.62	28.22 0.05 -27.55	27.95 0.57 -18.98	28.75 0.64 -18.30	27.17 0.31 -22.26	67.29 1.27 -49.12	48.08 2.04 -19.94	29.74 2.39 -0.18	27.49 2.14 0.00	30.47 1.29 -13.93	92.49 6.85 -19.71	29.37 0.45 -24.71	27.97 0.36 -23.83	30.12 -0.10 -31.26	32.08 -0.25 -34.87	34.73 1.27 -20.92	35.31 1.93 -14.19	43.62 3.80 -1.21	62.94 5.42 0.00	252.52 21.54 -0.01	40.54 3.51 0.00	37.66 3.30 0.00	32.96 -2.72 -2.39
GOWANUS_GT1_6 24111	33.81 -0.24 -37.43	30.82 0.08 -29.62	28.22 0.05 -27.55	27.95 0.57 -18.98	28.75 0.64 -18.30	27.17 0.31 -22.26	67.29 1.27 -49.12	48.08 2.04 -19.94	29.74 2.39 -0.18	27.49 2.14 0.00	30.47 1.29 -13.93	92.49 6.85 -19.71	29.37 0.45 -24.71	27.97 0.36 -23.83	30.12 -0.10 -31.26	32.08 -0.25 -34.87	34.73 1.27 -20.92	35.31 1.93 -14.19	43.62 3.80 -1.21	62.94 5.42 0.00	252.52 21.54 -0.01	40.54 3.51 0.00	37.66 3.30 0.00	32.96 -2.72 -2.39
GOWANUS_GT1_7 24112	33.81 -0.24 -37.43	30.82 0.08 -29.62	28.22 0.05 -27.55	27.95 0.57 -18.98	28.75 0.64 -18.30	27.17 0.31 -22.26	67.29 1.27 -49.12	48.08 2.04 -19.94	29.74 2.39 -0.18	27.49 2.14 0.00	30.47 1.29 -13.93	92.49 6.85 -19.71	29.37 0.45 -24.71	27.97 0.36 -23.83	30.12 -0.10 -31.26	32.08 -0.25 -34.87	34.73 1.27 -20.92	35.31 1.93 -14.19	43.62 3.80 -1.21	62.94 5.42 0.00	252.52 21.54 -0.01	40.54 3.51 0.00	37.66 3.30 0.00	32.96 -2.72 -2.39
GOWANUS_GT1_8 24113	33.81 -0.24 -37.43	30.82 0.08 -29.62	28.22 0.05 -27.55	27.95 0.57 -18.98	28.75 0.64 -18.30	27.17 0.31 -22.26	67.29 1.27 -49.12	48.08 2.04 -19.94	29.74 2.39 -0.18	27.49 2.14 0.00	30.47 1.29 -13.93	92.49 6.85 -19.71	29.37 0.45 -24.71	27.97 0.36 -23.83	30.12 -0.10 -31.26	32.08 -0.25 -34.87	34.73 1.27 -20.92	35.31 1.93 -14.19	43.62 3.80 -1.21	62.94 5.42 0.00	252.52 21.54 -0.01	40.54 3.51 0.00	37.66 3.30 0.00	32.96 -2.72 -2.39
GOWANUS_GT2_1 24114	33.80 -0.26 -37.43	30.81 0.07 -29.62	28.22 0.06 -27.55	27.95 0.57 -18.98	28.76 0.64 -18.30	27.17 0.31 -22.26	67.28 1.27 -49.12	48.09 2.04 -19.94	29.74 2.39 -0.18	27.49 2.15 0.00	30.47 1.29 -13.93	92.48 6.84 -19.71	29.37 0.46 -24.71	27.97 0.36 -23.83	30.12 -0.10 -31.26	32.08 -0.25 -34.87	34.73 1.27 -20.92	35.31 1.92 -14.19	43.61 3.80 -1.21	62.93 5.41 0.00	252.47 21.49 -0.01	40.53 3.50 0.00	37.63 3.27 0.00	32.97 -2.74 -2.39
GOWANUS_GT2_2 24115	33.80 -0.26 -37.43	30.81 0.07 -29.62	28.22 0.06 -27.55	27.95 0.57 -18.98	28.76 0.64 -18.30	27.17 0.31 -22.26	67.28 1.27 -49.12	48.09 2.04 -19.94	29.74 2.39 -0.18	27.49 2.15 0.00	30.47 1.29 -13.93	92.48 6.84 -19.71	29.37 0.46 -24.71	27.97 0.36 -23.83	30.12 -0.10 -31.26	32.08 -0.25 -34.87	34.73 1.27 -20.92	35.31 1.92 -14.19	43.61 3.80 -1.21	62.93 5.41 0.00	252.47 21.49 -0.01	40.53 3.50 0.00	37.63 3.27 0.00	32.97 -2.74 -2.39
GOWANUS_GT2_3 24116	33.80 -0.26 -37.43	30.81 0.07 -29.62	28.22 0.06 -27.55	27.95 0.57 -18.98	28.76 0.64 -18.30	27.17 0.31 -22.26	67.28 1.27 -49.12	48.09 2.04 -19.94	29.74 2.39 -0.18	27.49 2.15 0.00	30.47 1.29 -13.93	92.48 6.84 -19.71	29.37 0.46 -24.71	27.97 0.36 -23.83	30.12 -0.10 -31.26	32.08 -0.25 -34.87	34.73 1.27 -20.92	35.31 1.92 -14.19	43.61 3.80 -1.21	62.93 5.41 0.00	252.47 21.49 -0.01	40.53 3.50 0.00	37.63 3.27 0.00	32.97 -2.74 -2.39
GOWANUS_GT2_4 24117	33.80 -0.26 -37.43	30.81 0.07 -29.62	28.22 0.06 -27.55	27.95 0.57 -18.98	28.76 0.64 -18.30	27.17 0.31 -22.26	67.28 1.27 -49.12	48.09 2.04 -19.94	29.74 2.39 -0.18	27.49 2.15 0.00	30.47 1.29 -13.93	92.48 6.84 -19.71	29.37 0.46 -24.71	27.97 0.36 -23.83	30.12 -0.10 -31.26	32.08 -0.25 -34.87	34.73 1.27 -20.92	35.31 1.92 -14.19	43.61 3.80 -1.21	62.93 5.41 0.00	252.47 21.49 -0.01	40.53 3.50 0.00	37.63 3.27 0.00	32.97 -2.74 -2.39

GOWANUS_GT2_5 24118	33.80 -0.26 -37.43	30.81 0.07 -29.62	28.22 0.06 -27.55	27.95 0.57 -18.98	28.76 0.64 -18.30	27.17 0.31 -22.26	67.28 1.27 -49.12	48.09 2.04 -19.94	29.74 2.39 -0.18	27.49 2.15 0.00	30.47 1.29 -13.93	92.48 6.84 -19.71	29.37 0.46 -24.71	27.97 0.36 -23.83	30.12 -0.10 -31.26	32.08 -0.25 -34.87	34.73 1.27 -20.92	35.31 1.92 -14.19	43.61 3.80 -1.21	62.93 5.41 0.00	252.47 21.49 -0.01	40.53 3.50 0.00	37.63 3.27 0.00	32.97 2.74 -2.39
GOWANUS_GT2_6 24119	33.80 -0.26 -37.43	30.81 0.07 -29.62	28.22 0.06 -27.55	27.95 0.57 -18.98	28.76 0.64 -18.30	27.17 0.31 -22.26	67.28 1.27 -49.12	48.09 2.04 -19.94	29.74 2.39 -0.18	27.49 2.15 0.00	30.47 1.29 -13.93	92.48 6.84 -19.71	29.37 0.46 -24.71	27.97 0.36 -23.83	30.12 -0.10 -31.26	32.08 -0.25 -34.87	34.73 1.27 -20.92	35.31 1.92 -14.19	43.61 3.80 -1.21	62.93 5.41 0.00	252.47 21.49 -0.01	40.53 3.50 0.00	37.63 3.27 0.00	32.97 2.74 -2.39
GOWANUS_GT2_7 24120	33.80 -0.26 -37.43	30.81 0.07 -29.62	28.22 0.06 -27.55	27.95 0.57 -18.98	28.76 0.64 -18.30	27.17 0.31 -22.26	67.28 1.27 -49.12	48.09 2.04 -19.94	29.74 2.39 -0.18	27.49 2.15 0.00	30.47 1.29 -13.93	92.48 6.84 -19.71	29.37 0.46 -24.71	27.97 0.36 -23.83	30.12 -0.10 -31.26	32.08 -0.25 -34.87	34.73 1.27 -20.92	35.31 1.92 -14.19	43.61 3.80 -1.21	62.93 5.41 0.00	252.47 21.49 -0.01	40.53 3.50 0.00	37.63 3.27 0.00	32.97 2.74 -2.39
GOWANUS_GT2_8 24121	33.80 -0.26 -37.43	30.81 0.07 -29.62	28.22 0.06 -27.55	27.95 0.57 -18.98	28.76 0.64 -18.30	27.17 0.31 -22.26	67.28 1.27 -49.12	48.09 2.04 -19.94	29.74 2.39 -0.18	27.49 2.15 0.00	30.47 1.29 -13.93	92.48 6.84 -19.71	29.37 0.46 -24.71	27.97 0.36 -23.83	30.12 -0.10 -31.26	32.08 -0.25 -34.87	34.73 1.27 -20.92	35.31 1.92 -14.19	43.61 3.80 -1.21	62.93 5.41 0.00	252.47 21.49 -0.01	40.53 3.50 0.00	37.63 3.27 0.00	32.97 2.74 -2.39
GOWANUS_GT3_1 24122	33.80 -0.26 -37.43	30.81 0.07 -29.62	28.22 0.06 -27.55	27.95 0.57 -18.98	28.76 0.64 -18.30	27.17 0.31 -22.26	67.28 1.27 -49.12	48.09 2.04 -19.94	29.74 2.39 -0.18	27.49 2.15 0.00	30.47 1.29 -13.93	92.48 6.84 -19.71	29.37 0.46 -24.71	27.97 0.36 -23.83	30.12 -0.10 -31.26	32.08 -0.25 -34.87	34.73 1.27 -20.92	35.31 1.92 -14.19	43.61 3.80 -1.21	62.93 5.41 0.00	252.47 21.49 -0.01	40.53 3.50 0.00	37.63 3.27 0.00	32.97 2.74 -2.39
GOWANUS_GT3_2 24123	33.80 -0.26 -37.43	30.81 0.07 -29.62	28.22 0.06 -27.55	27.95 0.57 -18.98	28.76 0.64 -18.30	27.17 0.31 -22.26	67.28 1.27 -49.12	48.09 2.04 -19.94	29.74 2.39 -0.18	27.49 2.15 0.00	30.47 1.29 -13.93	92.48 6.84 -19.71	29.37 0.46 -24.71	27.97 0.36 -23.83	30.12 -0.10 -31.26	32.08 -0.25 -34.87	34.73 1.27 -20.92	35.31 1.92 -14.19	43.61 3.80 -1.21	62.93 5.41 0.00	252.47 21.49 -0.01	40.53 3.50 0.00	37.63 3.27 0.00	32.97 2.74 -2.39
GOWANUS_GT3_3 24124	33.80 -0.26 -37.43	30.81 0.07 -29.62	28.22 0.06 -27.55	27.95 0.57 -18.98	28.76 0.64 -18.30	27.17 0.31 -22.26	67.28 1.27 -49.12	48.09 2.04 -19.94	29.74 2.39 -0.18	27.49 2.15 0.00	30.47 1.29 -13.93	92.48 6.84 -19.71	29.37 0.46 -24.71	27.97 0.36 -23.83	30.12 -0.10 -31.26	32.08 -0.25 -34.87	34.73 1.27 -20.92	35.31 1.92 -14.19	43.61 3.80 -1.21	62.93 5.41 0.00	252.47 21.49 -0.01	40.53 3.50 0.00	37.63 3.27 0.00	32.97 2.74 -2.39
GOWANUS_GT3_4 24125	33.80 -0.26 -37.43	30.81 0.07 -29.62	28.22 0.06 -27.55	27.95 0.57 -18.98	28.76 0.64 -18.30	27.17 0.31 -22.26	67.28 1.27 -49.12	48.09 2.04 -19.94	29.74 2.39 -0.18	27.49 2.15 0.00	30.47 1.29 -13.93	92.48 6.84 -19.71	29.37 0.46 -24.71	27.97 0.36 -23.83	30.12 -0.10 -31.26	32.08 -0.25 -34.87	34.73 1.27 -20.92	35.31 1.92 -14.19	43.61 3.80 -1.21	62.93 5.41 0.00	252.47 21.49 -0.01	40.53 3.50 0.00	37.63 3.27 0.00	32.97 2.74 -2.39
GOWANUS_GT3_5 24126	33.80 -0.26 -37.43	30.81 0.07 -29.62	28.22 0.06 -27.55	27.95 0.57 -18.98	28.76 0.64 -18.30	27.17 0.31 -22.26	67.28 1.27 -49.12	48.09 2.04 -19.94	29.74 2.39 -0.18	27.49 2.15 0.00	30.47 1.29 -13.93	92.48 6.84 -19.71	29.37 0.46 -24.71	27.97 0.36 -23.83	30.12 -0.10 -31.26	32.08 -0.25 -34.87	34.73 1.27 -20.92	35.31 1.92 -14.19	43.61 3.80 -1.21	62.93 5.41 0.00	252.47 21.49 -0.01	40.53 3.50 0.00	37.63 3.27 0.00	32.97 2.74 -2.39
GOWANUS_GT3_6 24127	33.80 -0.26 -37.43	30.81 0.07 -29.62	28.22 0.06 -27.55	27.95 0.57 -18.98	28.76 0.64 -18.30	27.17 0.31 -22.26	67.28 1.27 -49.12	48.09 2.04 -19.94	29.74 2.39 -0.18	27.49 2.15 0.00	30.47 1.29 -13.93	92.48 6.84 -19.71	29.37 0.46 -24.71	27.97 0.36 -23.83	30.12 -0.10 -31.26	32.08 -0.25 -34.87	34.73 1.27 -20.92	35.31 1.92 -14.19	43.61 3.80 -1.21	62.93 5.41 0.00	252.47 21.49 -0.01	40.53 3.50 0.00	37.63 3.27 0.00	32.97 2.74 -2.39
GOWANUS_GT3_7 24128	33.80 -0.26 -37.43	30.81 0.07 -29.62	28.22 0.06 -27.55	27.95 0.57 -18.98	28.76 0.64 -18.30	27.17 0.31 -22.26	67.28 1.27 -49.12	48.09 2.04 -19.94	29.74 2.39 -0.18	27.49 2.15 0.00	30.47 1.29 -13.93	92.48 6.84 -19.71	29.37 0.46 -24.71	27.97 0.36 -23.83	30.12 -0.10 -31.26	32.08 -0.25 -34.87	34.73 1.27 -20.92	35.31 1.92 -14.19	43.61 3.80 -1.21	62.93 5.41 0.00	252.47 21.49 -0.01	40.53 3.50 0.00	37.63 3.27 0.00	32.97 2.74 -2.39
GOWANUS_GT3_8 24129	33.80 -0.26 -37.43	30.81 0.07 -29.62	28.22 0.06 -27.55	27.95 0.57 -18.98	28.76 0.64 -18.30	27.17 0.31 -22.26	67.28 1.27 -49.12	48.09 2.04 -19.94	29.74 2.39 -0.18	27.49 2.15 0.00	30.47 1.29 -13.93	92.48 6.84 -19.71	29.37 0.46 -24.71	27.97 0.36 -23.83	30.12 -0.10 -31.26	32.08 -0.25 -34.87	34.73 1.27 -20.92	35.31 1.92 -14.19	43.61 3.80 -1.21	62.93 5.41 0.00	252.47 21.49 -0.01	40.53 3.50 0.00	37.63 3.27 0.00	32.97 2.74 -2.39
GOWANUS_GT4_1 24130	33.81 -0.24 -37.43	30.82 0.08 -29.62	28.22 0.05 -27.55	27.95 0.57 -18.98	28.75 0.64 -18.30	27.17 0.31 -22.26	67.29 1.27 -49.12	48.08 2.04 -19.94	29.74 2.39 -0.18	27.49 2.14 0.00	30.47 1.29 -13.93	92.49 6.85 -19.71	29.37 0.45 -24.71	27.97 0.36 -23.83	30.12 -0.10 -31.26	32.08 -0.25 -34.87	34.73 1.27 -20.92	35.31 1.93 -14.19	43.62 3.80 -1.21	62.94 5.42 0.00	252.52 21.54 -0.01	40.54 3.51 0.00	37.66 3.30 0.00	32.96 2.72 -2.39
GOWANUS_GT4_2 24131	33.81 -0.24 -37.43	30.82 0.08 -29.62	28.22 0.05 -27.55	27.95 0.57 -18.98	28.75 0.64 -18.30	27.17 0.31 -22.26	67.29 1.27 -49.12	48.08 2.04 -19.94	29.74 2.39 -0.18	27.49 2.14 0.00	30.47 1.29 -13.93	92.49 6.85 -19.71	29.37 0.45 -24.71	27.97 0.36 -23.83	30.12 -0.10 -31.26	32.08 -0.25 -34.87	34.73 1.27 -20.92	35.31 1.93 -14.19	43.62 3.80 -1.21	62.94 5.42 0.00	252.52 21.54 -0.01	40.54 3.51 0.00	37.66 3.30 0.00	32.96 2.72 -2.39
GOWANUS_GT4_3 24132	33.81 -0.24 -37.43	30.82 0.08 -29.62	28.22 0.05 -27.55	27.95 0.57 -18.98	28.75 0.64 -18.30	27.17 0.31 -22.26	67.29 1.27 -49.12	48.08 2.04 -19.94	29.74 2.39 -0.18	27.49 2.14 0.00	30.47 1.29 -13.93	92.49 6.85 -19.71	29.37 0.45 -24.71	27.97 0.36 -23.83	30.12 -0.10 -31.26	32.08 -0.25 -34.87	34.73 1.27 -20.92	35.31 1.93 -14.19	43.62 3.80 -1.21	62.94 5.42 0.00	252.52 21.54 -0.01	40.54 3.51 0.00	37.66 3.30 0.00	32.96 2.72 -2.39

GOWANUS_GT4_4 24133	33.81 -0.24 -37.43	30.82 0.08 -29.62	28.22 0.05 -27.55	27.95 0.57 -18.98	28.75 0.64 -18.30	27.17 0.31 -22.26	67.29 1.27 -49.12	48.08 2.04 -19.94	29.74 2.39 -0.18	27.49 2.14 0.00	30.47 1.29 -13.93	92.49 6.85 -19.71	29.37 0.45 -24.71	27.97 0.36 -23.83	30.12 -0.10 -31.26	32.08 -0.25 -34.87	34.73 1.27 -20.92	35.31 1.93 -14.19	43.62 3.80 -1.21	62.94 5.42 0.00	252.52 21.54 -0.01	40.54 3.51 0.00	37.66 3.30 0.00	32.96 2.72 -2.39
GOWANUS_GT4_5 24134	33.81 -0.24 -37.43	30.82 0.08 -29.62	28.22 0.05 -27.55	27.95 0.57 -18.98	28.75 0.64 -18.30	27.17 0.31 -22.26	67.29 1.27 -49.12	48.08 2.04 -19.94	29.74 2.39 -0.18	27.49 2.14 0.00	30.47 1.29 -13.93	92.49 6.85 -19.71	29.37 0.45 -24.71	27.97 0.36 -23.83	30.12 -0.10 -31.26	32.08 -0.25 -34.87	34.73 1.27 -20.92	35.31 1.93 -14.19	43.62 3.80 -1.21	62.94 5.42 0.00	252.52 21.54 -0.01	40.54 3.51 0.00	37.66 3.30 0.00	32.96 2.72 -2.39
GOWANUS_GT4_6 24135	33.81 -0.24 -37.43	30.82 0.08 -29.62	28.22 0.05 -27.55	27.95 0.57 -18.98	28.75 0.64 -18.30	27.17 0.31 -22.26	67.29 1.27 -49.12	48.08 2.04 -19.94	29.74 2.39 -0.18	27.49 2.14 0.00	30.47 1.29 -13.93	92.49 6.85 -19.71	29.37 0.45 -24.71	27.97 0.36 -23.83	30.12 -0.10 -31.26	32.08 -0.25 -34.87	34.73 1.27 -20.92	35.31 1.93 -14.19	43.62 3.80 -1.21	62.94 5.42 0.00	252.52 21.54 -0.01	40.54 3.51 0.00	37.66 3.30 0.00	32.96 2.72 -2.39
GOWANUS_GT4_7 24136	33.81 -0.24 -37.43	30.82 0.08 -29.62	28.22 0.05 -27.55	27.95 0.57 -18.98	28.75 0.64 -18.30	27.17 0.31 -22.26	67.29 1.27 -49.12	48.08 2.04 -19.94	29.74 2.39 -0.18	27.49 2.14 0.00	30.47 1.29 -13.93	92.49 6.85 -19.71	29.37 0.45 -24.71	27.97 0.36 -23.83	30.12 -0.10 -31.26	32.08 -0.25 -34.87	34.73 1.27 -20.92	35.31 1.93 -14.19	43.62 3.80 -1.21	62.94 5.42 0.00	252.52 21.54 -0.01	40.54 3.51 0.00	37.66 3.30 0.00	32.96 2.72 -2.39
GOWANUS_GT4_8 24137	33.81 -0.24 -37.43	30.82 0.08 -29.62	28.22 0.05 -27.55	27.95 0.57 -18.98	28.75 0.64 -18.30	27.17 0.31 -22.26	67.29 1.27 -49.12	48.08 2.04 -19.94	29.74 2.39 -0.18	27.49 2.14 0.00	30.47 1.29 -13.93	92.49 6.85 -19.71	29.37 0.45 -24.71	27.97 0.36 -23.83	30.12 -0.10 -31.26	32.08 -0.25 -34.87	34.73 1.27 -20.92	35.31 1.93 -14.19	43.62 3.80 -1.21	62.94 5.42 0.00	252.52 21.54 -0.01	40.54 3.51 0.00	37.66 3.30 0.00	32.96 2.72 -2.39
GREENBSH_115KV_TB3 55895	37.83 -0.11 -41.31	33.85 0.04 -32.69	31.05 0.03 -30.40	29.66 0.31 -20.95	30.36 0.35 -20.20	29.31 0.15 -24.57	71.66 0.56 -54.21	48.92 0.80 -22.01	28.18 0.81 -0.20	26.10 0.76 0.00	31.19 0.49 -15.45	89.97 1.73 -22.31	32.58 0.13 -28.24	31.16 0.13 -27.24	34.66 -0.03 -35.73	37.23 -0.09 -39.86	36.89 0.44 -23.91	36.09 0.68 -16.22	41.27 1.29 -1.39	59.20 1.68 0.00	237.28 6.31 0.00	38.24 1.22 0.00	35.62 1.25 0.00	31.51 1.04 -2.63
GREENDGE_115KV_TB5 80291	-2.33 0.11 -0.94	4.82 -0.05 -3.75	1.49 -0.04 -0.91	13.67 -0.33 -5.60	18.75 -0.33 -9.28	13.52 -0.14 -9.08	28.22 -0.53 -11.86	32.32 -0.87 -7.08	34.14 -0.72 -7.68	25.63 -0.95 -1.24	15.02 -0.59 -0.36	-17.79 -2.02 81.69	8.61 -0.18 -4.59	12.98 -0.14 -9.34	8.70 0.05 -9.69	6.15 0.10 -8.59	15.60 -0.57 -3.62	23.67 -0.83 -5.31	55.29 -1.40 -18.09	61.07 -1.63 -5.18	232.65 -5.95 -7.62	40.29 -0.89 -4.15	46.39 -1.14 -13.16	26.70 -0.87 0.28
GREENIDGE___3 23582	-2.33 0.11 -0.94	4.82 -0.05 -3.75	1.49 -0.04 -0.91	13.67 -0.33 -5.60	18.75 -0.33 -9.28	13.52 -0.14 -9.08	28.22 -0.53 -11.86	32.32 -0.87 -7.08	34.14 -0.72 -7.68	25.63 -0.95 -1.24	15.02 -0.59 -0.36	-17.79 -2.02 81.69	8.61 -0.18 -4.59	12.98 -0.14 -9.34	8.70 0.05 -9.69	6.15 0.10 -8.59	15.60 -0.57 -3.62	23.67 -0.83 -5.31	55.29 -1.40 -18.09	61.07 -1.63 -5.18	232.65 -5.95 -7.62	40.29 -0.89 -4.15	46.39 -1.14 -13.16	26.70 -0.87 0.28
GREENIDGE___4 23583	-2.30 0.14 -0.94	4.82 -0.05 -3.75	1.49 -0.04 -0.91	13.67 -0.34 -5.60	18.75 -0.34 -9.28	13.53 -0.14 -9.08	28.23 -0.52 -11.86	32.31 -0.88 -7.08	34.11 -0.74 -7.68	25.61 -0.97 -1.24	15.02 -0.60 -0.36	-18.16 -2.40 81.69	8.61 -0.18 -4.59	12.98 -0.14 -9.34	8.70 0.05 -9.69	6.15 0.10 -8.59	15.60 -0.56 -3.62	23.66 -0.84 -5.31	55.27 -1.42 -18.09	61.06 -1.64 -5.18	232.59 -6.01 -7.62	40.25 -0.92 -4.15	46.36 -1.17 -13.16	26.66 -0.90 0.28
GREENLWN_69_KV_BK 3 55738	49.36 -0.24 -52.97	51.14 0.08 -49.95	44.55 0.05 -43.87	42.95 0.57 -33.98	38.97 0.65 -28.51	49.80 0.31 -44.89	71.50 1.29 -53.32	58.97 2.00 -30.87	60.17 2.44 -30.55	47.60 2.14 -20.13	53.65 1.26 -37.14	102.35 5.99 -30.44	47.74 0.43 -43.10	47.74 0.35 -43.61	53.12 -0.09 -54.26	54.23 -0.23 -57.00	56.66 1.09 -43.03	61.35 1.67 -40.48	90.76 3.45 -48.72	110.00 4.85 -47.63	305.71 19.06 -55.66	92.37 3.12 -52.23	51.82 2.97 -14.48	54.42 2.57 -24.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	33.81 -0.24 -37.43	30.82 0.08 -29.62	28.22 0.05 -27.55	27.95 0.57 -18.98	28.75 0.64 -18.30	27.17 0.31 -22.26	67.29 1.27 -49.12	48.08 2.04 -19.94	29.74 2.39 -0.18	27.49 2.14 0.00	30.47 1.29 -13.93	92.49 6.85 -19.71	29.37 0.45 -24.71	27.97 0.36 -23.83	30.12 -0.10 -31.26	32.08 -0.25 -34.87	34.73 1.27 -20.92	35.31 1.93 -14.19	43.62 3.80 -1.21	62.94 5.42 0.00	252.52 21.54 -0.01	40.54 3.51 0.00	37.66 3.30 0.00	32.96 2.72 -2.39
GRISSOM___SOLAR 323813	39.50 -0.18 -43.06	35.24 0.06 -34.07	32.34 0.03 -31.69	30.64 0.40 -21.83	31.34 0.48 -21.05	30.44 0.24 -25.61	74.30 0.91 -56.50	49.96 0.91 -22.94	27.96 0.58 -0.21	26.12 0.78 0.00	31.62 0.26 -16.11	99.60 2.10 -31.57	34.34 0.00 -30.14	32.86 0.02 -29.07	37.07 -0.02 -38.13	39.98 -0.01 -42.53	38.11 0.06 -25.52	37.02 0.49 -17.33	41.17 1.07 -1.51	60.51 2.99 0.00	245.03 14.05 0.00	39.97 2.14 -0.80	36.16 1.79 0.00	32.17 1.38 -2.95
GROVEVILLE___HYD 323602	33.94 -0.24 -37.55	30.90 0.07 -29.71	28.30 0.05 -27.63	27.99 0.55 -19.04	28.80 0.63 -18.36	27.24 0.31 -22.33	67.42 1.26 -49.27	48.09 1.98 -20.01	29.68 2.33 -0.18	27.36 2.02 0.00	30.59 1.22 -14.11	91.81 5.86 -20.03	29.76 0.39 -25.17	28.38 0.33 -24.27	30.71 -0.09 -31.84	32.75 -0.23 -35.51	35.01 1.17 -21.31	35.48 1.83 -14.45	43.57 3.73 -1.24	62.95 5.43 0.00	252.40 21.42 0.00	40.49 3.46 0.00	37.58 3.21 0.00	32.88 2.61 -2.43
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	-2.81 0.04 -0.53	1.52 -0.01 -0.42	1.00 -0.01 -0.39	8.57 -0.10 -0.27	9.97 -0.10 -0.26	4.88 -0.04 -0.32	17.49 -0.10 -0.70	26.24 -0.16 -0.29	27.04 -0.13 0.00	25.12 -0.22 0.00	15.27 -0.19 -0.20	57.65 -0.44 7.83	6.80 -0.03 -2.63	6.29 -0.03 -2.54	2.30 0.01 -3.33	1.19 0.02 -3.71	14.69 -0.08 -2.23	20.52 -0.15 -1.48	38.38 -0.25 -0.04	57.09 -0.20 0.22	230.61 -0.36 0.00	35.96 -0.12 0.95	33.42 -0.17 0.78	26.17 -0.13 1.54
HAMLTNNY_34_KV_TB 80303	-2.78 0.03 -0.56	1.55 -0.01 -0.45	1.02 -0.01 -0.41	8.58 -0.11 -0.28	9.99 -0.09 -0.27	4.90 -0.03 -0.33	17.53 -0.10 -0.74	26.26 -0.16 -0.30	27.03 -0.14 0.00	25.05 -0.29 0.00	15.25 -0.22 -0.21	54.46 -0.55 10.91	6.91 -0.05 -2.75	6.39 -0.04 -2.65	2.45 0.01 -3.48	1.36 0.02 -3.88	14.77 -0.09 -2.33	20.56 -0.18 -1.54	38.28 -0.33 -0.02	57.03 -0.19 0.30	230.98 0.00 0.00	35.70 -0.06 1.27	33.22 -0.11 1.03	25.65 -0.10 2.09

HAMPSHIRE___PAPER_HYD 323593	-3.18 0.19 0.00	1.07 -0.05 0.00	0.58 -0.05 0.00	7.90 -0.50 0.00	9.23 -0.58 0.00	4.32 -0.28 0.00	11.64 -1.05 4.21	24.61 -1.50 0.00	25.59 -1.58 0.00	24.05 -1.29 0.00	14.34 -0.91 0.00	61.89 -4.50 -0.46	4.76 -0.28 -0.84	4.33 -0.27 -0.81	0.09 0.07 -1.06	-1.16 0.19 -0.18	12.31 -0.94 -0.71	18.40 -1.28 -0.48	36.37 -2.27 -0.04	55.13 -2.39 0.00	223.19 -7.79 0.00	35.23 -1.80 0.00	32.44 -1.92 0.00	17.78 -1.78 8.29
HARDSCRABBLE_WT_PWR 323673	-3.58 -0.20 0.00	1.17 0.05 0.00	0.65 0.02 0.00	8.72 0.32 0.00	10.19 0.38 0.00	4.77 0.18 0.00	17.89 0.58 -0.42	26.79 0.68 0.00	27.74 0.56 0.00	25.86 0.52 0.00	15.55 0.30 0.00	67.47 1.54 0.00	4.19 -0.02 0.00	3.80 0.02 0.00	-1.05 -0.01 0.00	-2.57 -0.03 0.00	12.58 0.04 0.00	19.76 0.57 0.00	40.21 1.61 0.00	60.58 3.06 0.00	243.50 12.52 0.00	38.74 1.71 0.00	35.84 1.47 0.00	29.72 1.05 -0.83
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	32.88 -0.23 -36.48	30.05 0.07 -28.87	27.52 0.05 -26.85	27.41 0.51 -18.50	28.23 0.59 -17.84	26.59 0.29 -21.70	65.95 1.19 -47.87	47.36 1.83 -19.42	29.40 2.05 -0.17	27.15 1.81 0.00	29.92 1.10 -13.56	98.09 5.63 -26.53	28.43 0.37 -23.86	27.09 0.30 -23.01	29.07 -0.08 -30.19	30.92 -0.21 -33.67	33.83 1.09 -20.20	34.58 1.66 -13.72	43.18 3.34 -1.24	62.54 4.84 -0.18	250.07 19.09 0.00	40.86 3.07 -0.76	37.87 2.88 -0.62	33.86 2.37 -3.64
HARSNRAD_115KV_TB1 81005	-2.46 0.23 -0.68	0.05 -0.08 0.98	0.95 -0.07 -0.40	5.57 -0.59 2.24	5.02 -0.64 4.14	0.41 -0.29 3.90	11.37 -1.14 4.39	21.91 -1.85 2.34	22.59 -1.42 3.16	24.17 -1.16 0.00	14.85 -0.66 -0.26	15.65 -1.51 48.77	6.98 -0.24 -3.02	4.06 -0.19 -0.47	0.94 0.08 -1.90	0.87 0.13 -3.27	14.41 -0.83 -2.69	17.74 -1.50 -0.04	25.83 -2.69 10.07	46.55 -4.52 6.44	210.40 -16.63 3.95	22.77 -2.54 11.72	17.40 -2.46 14.52	9.59 -1.82 16.43
HARZA MOOSE___RIVER 24016	-3.29 0.08 0.00	1.10 -0.01 0.00	0.59 -0.03 0.00	8.15 -0.25 0.00	9.54 -0.27 0.00	4.48 -0.12 0.00	16.52 -0.38 0.00	25.63 -0.48 0.00	26.62 -0.55 0.00	24.92 -0.42 0.00	14.73 -0.52 0.00	63.71 -2.83 -0.62	5.16 -0.16 -1.12	4.72 -0.14 -1.08	0.42 0.04 -1.42	-0.86 0.09 -1.59	13.06 -0.43 -0.95	19.31 -0.52 -0.64	38.05 -0.60 -0.06	57.70 0.18 0.00	233.52 2.54 0.00	36.79 -0.24 0.00	33.89 -0.48 0.00	27.21 -0.75 -0.11
HDSNBRDG_115KV_BRDG_TB1 355580	-3.33 0.05 0.00	1.09 -0.02 0.00	0.61 -0.02 0.00	8.26 -0.14 0.00	9.65 -0.15 0.00	4.53 -0.07 0.00	16.70 -0.19 0.00	26.11 -0.27 -0.27	26.94 -0.24 0.00	25.05 -0.29 0.00	15.22 -0.52 -0.19	66.83 -0.04 -1.42	6.61 -0.04 -2.45	6.11 -0.03 -2.36	2.07 0.01 -3.10	0.94 0.02 -3.46	14.50 -0.11 -2.07	20.39 -0.21 -1.41	38.34 -0.38 -0.12	57.05 -0.47 0.00	229.46 -1.52 0.00	36.73 -0.30 0.00	34.05 -0.32 0.00	27.71 -0.27 -0.13
HELLGATE_13_KV_LD 55870	33.80 -0.25 -37.43	30.82 0.08 -29.62	28.22 0.05 -27.55	27.96 0.58 -18.98	28.76 0.64 -18.30	27.18 0.32 -22.26	67.28 1.27 -49.12	48.10 2.06 -19.94	29.80 2.45 -0.18	27.55 2.21 0.00	30.50 1.32 -13.93	92.58 6.94 -19.71	29.38 0.47 -24.71	27.98 0.37 -23.83	30.12 -0.10 -31.26	32.08 -0.25 -34.87	34.75 1.29 -20.92	35.34 1.96 -14.19	43.67 3.85 -1.21	62.91 5.39 0.00	252.33 21.35 0.00	40.51 3.49 0.00	37.65 3.28 0.00	32.95 2.71 -2.39
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	33.80 -0.25 -37.43	30.82 0.08 -29.62	28.22 0.05 -27.55	27.96 0.58 -18.98	28.76 0.64 -18.30	27.18 0.32 -22.26	67.28 1.27 -49.12	48.10 2.06 -19.94	29.80 2.45 -0.18	27.55 2.21 0.00	30.50 1.32 -13.93	92.58 6.94 -19.71	29.38 0.47 -24.71	27.98 0.37 -23.83	30.12 -0.10 -31.26	32.08 -0.25 -34.87	34.75 1.29 -20.92	35.34 1.96 -14.19	43.67 3.85 -1.21	62.91 5.39 0.00	252.33 21.35 0.00	40.51 3.49 0.00	37.65 3.28 0.00	32.95 2.71 -2.39
HEMPSTEAD____ 23647	55.54 -0.27 -59.19	59.28 0.08 -58.09	51.09 0.06 -50.41	49.02 0.63 -39.99	43.13 0.72 -32.60	58.89 0.35 -53.95	73.26 1.39 -54.98	63.39 2.16 -35.12	71.38 2.59 -41.62	55.68 2.29 -28.05	62.91 1.38 -46.28	107.36 6.77 -34.66	55.01 0.46 -50.34	55.56 0.38 -51.40	62.17 -0.10 -63.31	62.92 -0.26 -65.71	65.54 1.27 -51.73	71.96 1.93 -50.83	109.94 3.92 -67.42	129.45 5.56 -66.38	330.66 22.11 -77.57	113.39 3.58 -72.78	57.86 3.31 -20.18	63.16 2.81 -32.51
HICKLING___1 23621	-2.10 0.16 -1.12	3.14 -0.07 -2.09	1.47 -0.05 -0.90	10.59 -0.43 -2.62	13.08 -0.41 -3.68	8.37 -0.19 -3.97	22.06 -0.68 -5.84	18.90 -1.32 5.89	22.72 -0.90 3.55	23.03 -0.92 1.38	15.19 -0.49 -0.42	-71.55 -2.50 134.98	9.34 -0.15 -5.29	10.10 -0.10 -6.42	6.72 0.06 -7.70	5.42 0.10 -7.87	16.38 -0.54 -4.39	22.04 -0.74 -3.58	42.79 -1.27 -5.46	54.07 -1.64 1.80	228.47 -5.52 -3.01	26.44 -1.14 9.45	29.17 -1.33 3.87	7.20 -1.12 19.52
HICKLING___2 23622	-2.10 0.16 -1.12	3.14 -0.07 -2.09	1.47 -0.05 -0.90	10.59 -0.43 -2.62	13.08 -0.41 -3.68	8.37 -0.19 -3.97	22.06 -0.68 -5.84	18.90 -1.32 5.89	22.72 -0.90 3.55	23.03 -0.92 1.38	15.19 -0.49 -0.42	-71.55 -2.50 134.98	9.34 -0.15 -5.29	10.10 -0.10 -6.42	6.72 0.06 -7.70	5.42 0.10 -7.87	16.38 -0.54 -4.39	22.04 -0.74 -3.58	42.79 -1.27 -5.46	54.07 -1.64 1.80	228.47 -5.52 -3.01	26.44 -1.14 9.45	29.17 -1.33 3.87	7.20 -1.12 19.52
HIGH FALLS___HY 23754	33.35 -0.24 -36.96	30.43 0.07 -29.25	27.87 0.05 -27.20	27.67 0.53 -18.74	28.49 0.61 -18.07	26.88 0.31 -21.98	66.65 1.26 -48.50	47.79 1.99 -19.69	29.62 2.27 -0.18	27.19 1.85 0.00	30.25 1.09 -13.90	98.07 5.16 -26.99	29.42 0.35 -24.87	28.03 0.26 -23.99	30.36 -0.07 -31.47	32.37 -0.19 -35.10	34.57 0.97 -21.06	35.08 1.58 -14.30	43.17 3.34 -1.24	62.95 5.26 -0.17	252.15 21.17 0.00	41.13 3.37 -0.73	38.07 3.12 -0.58	34.01 2.51 -3.66
HIGH_RIVER___SOLAR 323847	39.11 -0.15 -42.63	34.89 0.05 -33.73	32.02 0.03 -31.37	30.36 0.34 -21.61	31.06 0.41 -20.84	30.14 0.19 -25.35	73.58 0.75 -55.93	49.72 0.90 -22.71	28.07 0.69 -0.21	26.13 0.79 0.00	31.52 0.32 -15.95	91.31 2.12 -23.27	33.84 0.05 -29.59	32.40 0.08 -28.54	36.38 -0.02 -37.44	39.19 -0.04 -41.76	37.95 0.36 -25.05	36.78 0.59 -16.99	41.36 1.30 -1.47	60.01 2.49 0.00	241.83 10.85 0.00	38.74 1.71 0.00	35.91 1.54 0.00	31.92 1.22 -2.86
HILLBURN___GT 23639	33.08 -0.24 -36.70	30.22 0.06 -29.04	27.67 0.05 -27.01	27.51 0.50 -18.61	28.33 0.58 -17.94	26.71 0.29 -21.83	66.22 1.17 -48.15	47.44 1.81 -19.52	29.39 2.04 -0.17	27.15 1.81 0.00	30.02 1.12 -13.65	98.39 5.91 -26.55	28.64 0.38 -24.06	27.29 0.31 -23.20	29.31 -0.09 -30.44	31.19 -0.22 -33.95	34.01 1.10 -20.37	34.70 1.67 -13.84	43.18 3.33 -1.25	62.50 4.80 -0.18	249.98 19.00 0.00	40.83 3.06 -0.74	37.85 2.88 -0.61	33.89 2.41 -3.64
HILLSIDE_115KV_TB1 80332	-2.04 0.19 -1.15	2.92 -0.07 -1.87	1.48 -0.05 -0.91	10.17 -0.46 -2.22	12.71 -0.44 -3.34	7.78 -0.22 -3.40	21.13 -0.71 -4.95	23.97 -1.04 1.10	26.36 -0.75 0.06	23.35 -0.98 1.01	15.18 -0.51 -0.44	-92.43 -3.45 154.91	9.53 -0.14 -5.47	10.20 -0.08 -6.50	6.89 0.06 -7.87	5.69 0.10 -8.12	16.51 -0.58 -4.55	21.92 -0.80 -3.52	41.49 -1.46 -4.35	52.88 -2.01 2.63	226.46 -6.84 -2.32	23.45 -1.39 12.19	26.10 -1.50 6.77	2.90 -1.24 23.71

HISHELDN_WT_PWR 323625	-2.31 0.28 -0.79	-3.75 -0.09 4.77	0.74 -0.08 -0.20	-1.08 -0.70 8.79	-6.48 -0.77 15.51	-10.49 -0.34 14.74	-0.31 -1.33 15.88	-12.69 -2.15 36.66	-2.92 -1.77 28.32	17.56 -1.62 6.16	14.66 -0.88 -0.29	-3.17 -2.11 66.98	7.07 -0.31 -3.18	-2.25 -0.27 5.76	-3.95 0.09 3.00	-2.03 0.18 -0.33	14.69 -0.97 -3.12	14.41 -1.56 3.23	4.48 -2.90 31.22	36.03 -4.24 17.25	203.64 -14.89 12.45	6.74 -2.48 27.81	-6.67 -2.63 38.42	-10.35 -2.10 36.09
HOLTSVILLE_IC_1 23690	48.92 -0.28 -52.57	50.62 0.07 -49.43	44.14 0.06 -43.45	42.61 0.61 -33.60	38.77 0.70 -28.25	49.24 0.33 -44.31	71.44 1.32 -53.22	58.82 2.06 -30.65	59.62 2.46 -29.99	47.13 2.07 -19.73	53.11 1.18 -36.68	101.81 5.66 -30.22	47.34 0.40 -42.74	47.33 0.33 -43.22	52.67 -0.09 -53.80	53.81 -0.22 -56.56	56.21 1.07 -42.59	60.82 1.67 -39.96	89.90 3.53 -47.78	109.26 5.05 -46.68	305.71 20.18 -54.56	91.47 3.26 -51.19	51.65 3.09 -14.19	54.04 2.62 -23.57
HOLTSVILLE_IC_10 23699	49.02 -0.30 -52.69	50.77 0.08 -49.58	44.26 0.06 -43.58	42.76 0.65 -33.71	38.89 0.75 -28.33	49.43 0.36 -44.47	71.55 1.41 -53.25	59.01 2.19 -30.71	59.89 2.57 -30.15	47.34 2.16 -19.84	53.28 1.22 -36.81	102.01 5.79 -30.28	47.46 0.41 -42.84	47.45 0.33 -43.33	52.80 -0.09 -53.93	53.92 -0.23 -56.69	56.37 1.12 -42.71	61.06 1.76 -40.11	90.38 3.74 -48.04	109.87 5.40 -46.95	307.54 21.70 -54.87	91.99 3.48 -51.48	51.92 3.28 -14.27	54.29 2.76 -23.69
HOLTSVILLE_IC_2 23691	48.92 -0.28 -52.57	50.62 0.07 -49.43	44.14 0.06 -43.45	42.61 0.61 -33.60	38.77 0.70 -28.25	49.24 0.33 -44.31	71.44 1.32 -53.22	58.82 2.06 -30.65	59.62 2.46 -29.99	47.13 2.07 -19.73	53.11 1.18 -36.68	101.81 5.66 -30.22	47.34 0.40 -42.74	47.33 0.33 -43.22	52.67 -0.09 -53.80	53.81 -0.22 -56.56	56.21 1.07 -42.59	60.82 1.67 -39.96	89.90 3.53 -47.78	109.26 5.05 -46.68	305.71 20.18 -54.56	91.47 3.26 -51.19	51.65 3.09 -14.19	54.04 2.62 -23.57
HOLTSVILLE_IC_3 23692	48.92 -0.28 -52.57	50.62 0.07 -49.43	44.14 0.06 -43.45	42.61 0.61 -33.60	38.77 0.70 -28.25	49.24 0.33 -44.31	71.44 1.32 -53.22	58.82 2.06 -30.65	59.62 2.46 -29.99	47.13 2.07 -19.73	53.11 1.18 -36.68	101.81 5.66 -30.22	47.34 0.40 -42.74	47.33 0.33 -43.22	52.67 -0.09 -53.80	53.81 -0.22 -56.56	56.21 1.07 -42.59	60.82 1.67 -39.96	89.90 3.53 -47.78	109.26 5.05 -46.68	305.71 20.18 -54.56	91.47 3.26 -51.19	51.65 3.09 -14.19	54.04 2.62 -23.57
HOLTSVILLE_IC_4 23693	48.92 -0.28 -52.57	50.62 0.07 -49.43	44.14 0.06 -43.45	42.61 0.61 -33.60	38.77 0.70 -28.25	49.24 0.33 -44.31	71.44 1.32 -53.22	58.82 2.06 -30.65	59.62 2.46 -29.99	47.13 2.07 -19.73	53.11 1.18 -36.68	101.81 5.66 -30.22	47.34 0.40 -42.74	47.33 0.33 -43.22	52.67 -0.09 -53.80	53.81 -0.22 -56.56	56.21 1.07 -42.59	60.82 1.67 -39.96	89.90 3.53 -47.78	109.26 5.05 -46.68	305.71 20.18 -54.56	91.47 3.26 -51.19	51.65 3.09 -14.19	54.04 2.62 -23.57
HOLTSVILLE_IC_5 23694	48.92 -0.28 -52.57	50.62 0.07 -49.43	44.14 0.06 -43.45	42.61 0.61 -33.60	38.77 0.70 -28.25	49.24 0.33 -44.31	71.44 1.32 -53.22	58.82 2.06 -30.65	59.62 2.46 -29.99	47.13 2.07 -19.73	53.11 1.18 -36.68	101.81 5.66 -30.22	47.34 0.40 -42.74	47.33 0.33 -43.22	52.67 -0.09 -53.80	53.81 -0.22 -56.56	56.21 1.07 -42.59	60.82 1.67 -39.96	89.90 3.53 -47.78	109.26 5.05 -46.68	305.71 20.18 -54.56	91.47 3.26 -51.19	51.65 3.09 -14.19	54.04 2.62 -23.57
HOLTSVILLE_IC_6 23695	49.02 -0.30 -52.69	50.77 0.08 -49.58	44.26 0.06 -43.58	42.76 0.65 -33.71	38.89 0.75 -28.33	49.43 0.36 -44.47	71.55 1.41 -53.25	59.01 2.19 -30.71	59.89 2.57 -30.15	47.34 2.16 -19.84	53.28 1.22 -36.81	102.01 5.79 -30.28	47.46 0.41 -42.84	47.45 0.33 -43.33	52.80 -0.09 -53.93	53.92 -0.23 -56.69	56.37 1.12 -42.71	61.06 1.76 -40.11	90.38 3.74 -48.04	109.87 5.40 -46.95	307.54 21.70 -54.87	91.99 3.48 -51.48	51.92 3.28 -14.27	54.29 2.76 -23.69
HOLTSVILLE_IC_7 23696	49.02 -0.30 -52.69	50.77 0.08 -49.58	44.26 0.06 -43.58	42.76 0.65 -33.71	38.89 0.75 -28.33	49.43 0.36 -44.47	71.55 1.41 -53.25	59.01 2.19 -30.71	59.89 2.57 -30.15	47.34 2.16 -19.84	53.28 1.22 -36.81	102.01 5.79 -30.28	47.46 0.41 -42.84	47.45 0.33 -43.33	52.80 -0.09 -53.93	53.92 -0.23 -56.69	56.37 1.12 -42.71	61.06 1.76 -40.11	90.38 3.74 -48.04	109.87 5.40 -46.95	307.54 21.70 -54.87	91.99 3.48 -51.48	51.92 3.28 -14.27	54.29 2.76 -23.69
HOLTSVILLE_IC_8 23697	49.02 -0.30 -52.69	50.77 0.08 -49.58	44.26 0.06 -43.58	42.76 0.65 -33.71	38.89 0.75 -28.33	49.43 0.36 -44.47	71.55 1.41 -53.25	59.01 2.19 -30.71	59.89 2.57 -30.15	47.34 2.16 -19.84	53.28 1.22 -36.81	102.01 5.79 -30.28	47.46 0.41 -42.84	47.45 0.33 -43.33	52.80 -0.09 -53.93	53.92 -0.23 -56.69	56.37 1.12 -42.71	61.06 1.76 -40.11	90.38 3.74 -48.04	109.87 5.40 -46.95	307.54 21.70 -54.87	91.99 3.48 -51.48	51.92 3.28 -14.27	54.29 2.76 -23.69
HOLTSVILLE_IC_9 23698	49.02 -0.30 -52.69	50.77 0.08 -49.58	44.26 0.06 -43.58	42.76 0.65 -33.71	38.89 0.75 -28.33	49.43 0.36 -44.47	71.55 1.41 -53.25	59.01 2.19 -30.71	59.89 2.57 -30.15	47.34 2.16 -19.84	53.28 1.22 -36.81	102.01 5.79 -30.28	47.46 0.41 -42.84	47.45 0.33 -43.33	52.80 -0.09 -53.93	53.92 -0.23 -56.69	56.37 1.12 -42.71	61.06 1.76 -40.11	90.38 3.74 -48.04	109.87 5.40 -46.95	307.54 21.70 -54.87	91.99 3.48 -51.48	51.92 3.28 -14.27	54.29 2.76 -23.69
HOMER_HL_115KV_TB2 355744	-2.41 0.15 -0.81	1.30 -0.06 -0.24	1.13 -0.06 -0.57	7.72 -0.41 0.27	8.62 -0.42 0.77	3.60 -0.18 0.82	11.68 -0.64 4.57	22.61 -0.98 2.52	23.32 -0.50 3.35	24.39 -0.57 0.38	15.27 -0.29 -0.30	-1.53 -0.33 67.13	7.60 -0.13 -3.53	4.49 -0.05 -0.75	1.39 0.05 -2.38	1.42 0.08 -3.87	15.12 -0.55 -3.13	18.55 -0.83 -0.18	26.28 -1.49 10.82	47.96 -2.21 7.35	219.87 -6.91 4.20	21.84 -1.17 14.02	16.44 -1.25 16.67	6.65 -1.03 20.17
HOWARD_WT_PWR 323690	-2.16 0.26 -0.96	8.03 -0.11 -7.03	1.69 -0.08 -1.15	18.73 -0.83 -11.16	27.87 -0.86 -18.92	22.67 -0.42 -18.49	42.62 -1.56 -27.29	43.47 -2.78 -20.14	45.99 -2.35 -21.17	27.23 -2.17 -4.06	14.33 -1.30 -0.38	-29.22 -2.19 92.96	9.04 -0.44 -5.27	20.90 -0.36 -17.48	15.55 0.13 -16.47	10.56 0.24 -12.85	15.19 -1.17 -3.81	27.47 -1.75 -10.03	81.01 -3.30 -45.72	71.27 -4.51 -18.25	233.64 -16.17 -18.84	56.29 -2.50 -21.76	73.20 -2.99 -41.82	44.80 -2.42 -19.37
HQ_GEN_CEDARS 23644	-3.31 0.06 0.00	1.09 -0.02 0.00	0.61 -0.01 0.00	8.27 -0.13 0.00	9.65 -0.16 0.00	4.52 -0.08 0.00	15.25 -0.39 1.25	25.56 -0.55 0.00	26.56 -0.61 0.00	24.84 -0.50 0.00	14.99 -0.26 0.00	64.43 -1.49 0.00	4.11 -0.10 0.00	3.69 -0.09 0.00	-1.01 0.02 0.00	-2.46 0.08 0.00	12.19 -0.35 0.00	18.72 -0.47 0.00	37.68 -0.92 0.00	56.35 -1.17 0.00	226.63 -4.35 0.00	36.20 -0.83 0.00	33.46 -0.91 0.00	24.59 -0.76 2.49
HQ_GEN_CEDARS_PROXY 323590	-3.31 0.07 0.00	1.10 -0.02 0.00	0.61 -0.01 0.00	8.27 -0.13 0.00	9.65 -0.16 0.00	4.52 -0.08 0.00	15.25 -0.39 1.25	25.57 -0.54 0.00	26.57 -0.60 0.00	24.85 -0.49 0.00	13.27 -0.26 1.72	64.99 -1.47 -0.52	4.11 -0.10 0.00	3.69 -0.09 0.00	-1.01 0.02 0.00	-2.46 0.08 0.00	12.19 -0.35 0.00	18.72 -0.47 0.00	37.68 -0.91 0.00	56.35 -1.17 0.00	226.62 -4.36 0.00	36.20 -0.82 0.00	33.45 -0.91 0.00	24.59 -0.76 2.49

HQ_GEN_CHPE_PROXY 323851	33.28 -0.24 -36.89	29.20 0.06 -28.02	28.21 0.05 -27.54	27.87 0.50 -18.97	28.32 0.57 -17.94	27.14 0.28 -22.26	30.54 1.15 -12.49	30.92 1.84 -2.97	-3.47 2.19 32.83	2.49 1.98 24.83	29.75 1.18 -13.32	92.20 6.56 -19.71	29.34 0.43 -24.71	27.96 0.35 -23.83	30.13 -0.09 -31.26	32.10 -0.23 -34.87	34.65 1.19 -20.92	35.18 1.79 -14.19	42.88 3.55 -0.73	62.53 5.01 0.00	250.75 19.77 0.00	40.23 3.20 0.00	37.39 3.03 0.00	32.77 2.53 -2.39
HQ_GEN_IMPORT 323601	-3.35 0.02 0.00	1.11 -0.01 0.00	0.62 0.00 0.00	8.36 -0.04 0.00	9.76 -0.05 0.00	4.57 -0.03 0.00	16.76 -0.13 0.00	25.86 -0.19 0.07	26.96 -0.21 0.00	25.15 -0.19 0.00	15.15 -0.10 0.00	65.42 -0.51 0.00	4.17 -0.03 0.00	3.75 -0.03 0.00	-1.03 0.01 0.00	-2.52 0.02 0.00	12.44 -0.10 0.00	19.06 -0.14 0.00	37.84 -0.27 0.48	57.14 -0.38 0.00	229.49 -1.49 0.00	36.76 -0.27 0.00	34.08 -0.29 0.00	27.60 -0.24 0.00
HQ_GEN_WHEEL 23651	-3.35 0.02 0.00	1.11 -0.01 0.00	0.62 0.00 0.00	8.36 -0.04 0.00	9.76 -0.05 0.00	4.57 -0.03 0.00	16.76 -0.13 0.00	25.86 -0.19 0.07	26.96 -0.21 0.00	25.15 -0.19 0.00	15.15 -0.10 0.00	65.42 -0.51 0.00	4.17 -0.03 0.00	3.75 -0.03 0.00	-1.03 0.01 0.00	-2.52 0.02 0.00	12.44 -0.10 0.00	19.06 -0.14 0.00	37.84 -0.27 0.48	57.14 -0.38 0.00	229.49 -1.49 0.00	36.76 -0.27 0.00	34.08 -0.29 0.00	27.60 -0.24 0.00
HUDSON_AVE_GT_3 23810	33.83 -0.23 -37.43	30.81 0.07 -29.62	28.22 0.05 -27.55	27.91 0.52 -18.98	28.71 0.59 -18.30	27.16 0.30 -22.26	67.22 1.21 -49.12	47.99 1.94 -19.93	29.65 2.30 -0.18	27.42 2.08 0.00	30.43 1.25 -13.93	92.40 6.76 -19.71	29.35 0.44 -24.71	27.97 0.36 -23.83	30.12 -0.10 -31.26	32.09 -0.24 -34.87	34.69 1.23 -20.92	35.25 1.87 -14.19	43.51 3.70 -1.21	62.73 5.22 0.00	251.59 20.61 0.00	40.36 3.33 0.00	37.54 3.17 0.00	32.84 2.61 -2.39
HUDSON_AVE_GT_4 23540	33.83 -0.23 -37.43	30.81 0.07 -29.62	28.22 0.05 -27.55	27.91 0.52 -18.98	28.71 0.59 -18.30	27.16 0.30 -22.26	67.22 1.21 -49.12	47.99 1.94 -19.93	29.65 2.30 -0.18	27.42 2.08 0.00	30.43 1.25 -13.93	92.40 6.76 -19.71	29.35 0.44 -24.71	27.97 0.36 -23.83	30.12 -0.10 -31.26	32.09 -0.24 -34.87	34.69 1.23 -20.92	35.25 1.87 -14.19	43.51 3.70 -1.21	62.73 5.22 0.00	251.59 20.61 0.00	40.36 3.33 0.00	37.54 3.17 0.00	32.84 2.61 -2.39
HUDSON_AVE_GT_5 23657	33.83 -0.23 -37.43	30.81 0.07 -29.62	28.22 0.05 -27.55	27.91 0.52 -18.98	28.71 0.59 -18.30	27.16 0.30 -22.26	67.22 1.21 -49.12	47.99 1.94 -19.93	29.65 2.30 -0.18	27.42 2.08 0.00	30.43 1.25 -13.93	92.40 6.76 -19.71	29.35 0.44 -24.71	27.97 0.36 -23.83	30.12 -0.10 -31.26	32.09 -0.24 -34.87	34.69 1.23 -20.92	35.25 1.87 -14.19	43.51 3.70 -1.21	62.73 5.22 0.00	251.59 20.61 0.00	40.36 3.33 0.00	37.54 3.17 0.00	32.84 2.61 -2.39
HUDSON_AVE_10 24168	33.84 -0.22 -37.43	30.80 0.07 -29.62	28.21 0.05 -27.55	27.86 0.48 -18.98	28.66 0.55 -18.30	27.14 0.28 -22.26	67.15 1.14 -49.12	47.90 1.86 -19.93	29.55 2.20 -0.18	27.33 1.99 0.00	30.36 1.18 -13.93	92.12 6.48 -19.71	29.34 0.42 -24.71	27.95 0.34 -23.83	30.13 -0.09 -31.26	32.10 -0.23 -34.87	34.63 1.17 -20.92	35.16 1.78 -14.19	43.33 3.52 -1.21	62.44 4.92 0.00	250.34 19.36 0.00	40.21 3.18 0.00	37.40 3.03 0.00	32.72 2.48 -2.39
HUDSON___115KV_TB 4 355613	37.25 -0.18 -40.81	33.47 0.06 -32.29	30.69 0.04 -30.03	29.55 0.46 -20.69	30.29 0.53 -19.95	29.10 0.24 -24.27	71.37 0.92 -53.55	49.13 1.28 -21.74	28.51 1.14 -0.20	26.35 1.01 0.00	31.14 0.61 -15.28	90.19 2.25 -22.01	32.20 0.16 -27.84	30.80 0.16 -26.85	34.15 -0.04 -35.22	36.65 -0.10 -39.29	36.66 0.55 -23.57	36.05 0.87 -15.98	41.73 1.76 -1.37	60.35 2.83 0.00	242.21 11.23 0.00	39.04 2.01 0.00	36.28 1.91 0.00	32.02 1.51 -2.66
HUNTER MOUNT___DRP 323613	36.71 -0.19 -40.27	33.05 0.06 -31.87	30.30 0.04 -29.64	29.32 0.49 -20.42	30.07 0.57 -19.69	28.81 0.26 -23.95	70.76 1.02 -52.85	49.01 1.44 -21.46	28.64 1.27 -0.19	26.45 1.11 0.00	31.00 0.67 -15.09	90.07 2.45 -21.70	31.79 0.16 -27.42	30.40 0.17 -26.44	33.61 -0.04 -34.69	36.04 -0.11 -38.69	36.36 0.60 -23.22	35.89 0.95 -15.74	41.91 1.96 -1.35	60.66 3.14 0.00	243.21 12.23 0.00	39.23 2.20 0.00	36.43 2.06 0.00	32.08 1.61 -2.63
HUNTINGTON_RES_REC 323705	49.18 -0.24 -52.80	50.91 0.07 -49.73	44.37 0.05 -43.69	42.75 0.53 -33.82	38.83 0.62 -28.40	49.53 0.29 -44.64	71.38 1.22 -53.27	58.77 1.90 -30.76	59.79 2.33 -30.29	47.28 2.01 -19.94	53.35 1.17 -36.93	101.87 5.61 -30.33	47.54 0.40 -42.93	47.53 0.33 -43.43	52.91 -0.09 -54.04	54.04 -0.21 -56.79	56.38 1.02 -42.82	60.99 1.56 -40.23	90.10 3.23 -48.27	109.24 4.54 -47.18	303.95 17.84 -55.14	91.70 2.94 -51.73	51.52 2.81 -14.34	54.10 2.46 -23.80
HUNTLEY___63 23557	-2.46 0.21 -0.70	-0.04 -0.07 1.08	0.96 -0.07 -0.40	5.43 -0.55 2.42	4.77 -0.58 4.46	0.13 -0.26 4.21	10.96 -1.06 4.88	21.83 -1.68 2.59	22.49 -1.21 3.46	24.43 -0.91 0.00	15.02 -0.50 -0.26	13.14 -0.98 51.81	7.08 -0.20 -3.09	3.93 -0.15 -0.30	0.83 0.06 -1.80	0.84 0.10 -3.27	14.62 -0.69 -2.76	17.83 -1.30 0.07	25.14 -2.43 11.02	46.38 -4.14 6.99	211.83 -14.84 4.31	22.00 -2.37 12.66	16.34 -2.27 15.76	8.53 -1.62 17.70
HUNTLEY___64 23558	-2.46 0.21 -0.70	-0.04 -0.07 1.08	0.96 -0.07 -0.40	5.43 -0.55 2.42	4.77 -0.58 4.46	0.13 -0.26 4.21	10.96 -1.06 4.88	21.83 -1.68 2.59	22.49 -1.21 3.46	24.43 -0.91 0.00	15.02 -0.50 -0.26	13.14 -0.98 51.81	7.08 -0.20 -3.09	3.93 -0.15 -0.30	0.83 0.06 -1.80	0.84 0.10 -3.27	14.62 -0.69 -2.76	17.83 -1.30 0.07	25.14 -2.43 11.02	46.38 -4.14 6.99	211.83 -14.84 4.31	22.00 -2.37 12.66	16.34 -2.27 15.76	8.53 -1.62 17.70
HUNTLEY___65 23559	-2.46 0.21 -0.70	-0.04 -0.07 1.08	0.96 -0.07 -0.40	5.43 -0.55 2.42	4.77 -0.58 4.46	0.13 -0.26 4.21	10.96 -1.06 4.88	21.83 -1.68 2.59	22.49 -1.21 3.46	24.43 -0.91 0.00	15.02 -0.50 -0.26	13.14 -0.98 51.81	7.08 -0.20 -3.09	3.93 -0.15 -0.30	0.83 0.06 -1.80	0.84 0.10 -3.27	14.62 -0.69 -2.76	17.83 -1.30 0.07	25.14 -2.43 11.02	46.38 -4.14 6.99	211.83 -14.84 4.31	22.00 -2.37 12.66	16.34 -2.27 15.76	8.53 -1.62 17.70
HUNTLEY___66 23560	-2.46 0.21 -0.70	-0.04 -0.07 1.08	0.96 -0.07 -0.40	5.43 -0.55 2.42	4.77 -0.58 4.46	0.13 -0.26 4.21	10.96 -1.06 4.88	21.83 -1.68 2.59	22.49 -1.21 3.46	24.43 -0.91 0.00	15.02 -0.50 -0.26	13.14 -0.98 51.81	7.08 -0.20 -3.09	3.93 -0.15 -0.30	0.83 0.06 -1.80	0.84 0.10 -3.27	14.62 -0.69 -2.76	17.83 -1.30 0.07	25.14 -2.43 11.02	46.38 -4.14 6.99	211.83 -14.84 4.31	22.00 -2.37 12.66	16.34 -2.27 15.76	8.53 -1.62 17.70
HUNTLEY___67 23561	-2.43 0.23 -0.71	-0.31 -0.08 1.35	0.94 -0.07 -0.39	4.91 -0.61 2.89	3.88 -0.66 5.26	-0.69 -0.30 4.98	9.98 -1.20 5.71	21.26 -1.85 3.01	21.81 -1.38 3.98	24.28 -1.06 0.00	14.94 -0.59 -0.27	10.62 -1.57 53.73	7.09 -0.22 -3.11	3.53 -0.19 0.06	0.56 0.07 -1.53	0.74 0.13 -3.15	14.56 -0.79 -2.81	17.47 -1.42 0.31	23.33 -2.70 12.57	45.36 -4.36 7.80	210.27 -15.76 4.95	20.59 -2.54 13.90	14.29 -2.52 17.55	6.71 -1.89 19.24

HUNTLEY___68 23562	-2.43 0.23 -0.71	-0.31 -0.08 1.35	0.94 -0.07 -0.39	4.91 -0.61 2.89	3.88 -0.66 5.26	-0.69 -0.30 4.98	9.98 -1.20 5.71	21.26 -1.85 3.01	21.81 -1.38 3.98	24.28 -1.06 0.00	14.94 -0.59 -0.27	10.62 -1.57 53.73	7.09 -0.22 -3.11	3.53 -0.19 0.06	0.56 0.07 -1.53	0.74 0.13 -3.15	14.56 -0.79 -2.81	17.47 -1.42 0.31	23.33 -2.70 12.57	45.36 -4.36 7.80	210.27 -15.76 4.95	20.59 -2.54 13.90	14.29 -2.52 17.55	6.71 -1.89 19.24
HYLAND___LFGE 323620	-2.53 0.05 -0.79	8.69 -0.02 -7.60	1.67 -0.03 -1.08	20.51 -0.15 -12.26	30.61 -0.12 -20.92	24.76 -0.03 -20.19	41.60 -0.06 -24.77	45.56 -0.36 -19.80	47.29 -0.27 -20.39	28.80 -0.75 -4.22	15.10 -0.46 -0.31	-0.25 -0.45 65.73	8.43 -0.17 -4.39	19.33 -0.12 -15.67	13.61 0.05 -14.60	8.79 0.09 -11.23	15.17 -0.50 -3.12	27.37 -0.82 -8.99	79.30 -1.29 -41.99	74.58 -0.81 -17.87	249.84 1.65 -17.21	59.19 0.27 -21.88	74.05 -0.14 -39.82	48.80 -0.29 -21.24
INDECK___CORINTH 23802	38.49 -0.24 -42.10	34.50 0.07 -33.32	31.65 0.04 -30.98	30.30 0.56 -21.35	31.06 0.67 -20.58	29.97 0.33 -25.04	73.42 1.28 -55.24	50.33 1.80 -22.43	29.21 1.83 -0.20	27.16 1.82 0.00	31.99 0.98 -15.75	92.85 4.08 -22.84	33.42 0.23 -28.98	31.97 0.24 -27.95	35.56 -0.06 -36.66	38.20 -0.16 -40.89	37.88 0.80 -24.54	37.20 1.36 -16.64	43.05 3.03 -1.43	61.91 4.39 0.00	248.25 17.27 0.00	39.84 2.81 0.00	36.99 2.62 0.00	32.60 2.05 -2.71
INDECK___ILION 23567	-3.64 -0.26 0.00	1.17 0.06 0.00	0.65 0.03 0.00	8.82 0.41 0.00	10.31 0.50 0.00	4.83 0.23 0.00	18.06 0.75 -0.42	27.00 0.89 0.00	27.87 0.70 0.00	25.98 0.64 0.00	15.60 0.35 0.00	67.81 1.88 0.00	4.19 -0.02 0.00	3.81 0.03 0.00	-1.05 -0.01 0.00	-2.58 -0.04 0.00	12.63 0.09 0.00	19.89 0.70 0.00	40.52 1.92 0.00	61.16 3.64 0.00	246.07 15.09 0.00	39.27 2.24 0.00	36.39 2.02 0.00	30.19 1.51 -0.83
INDECK___OLEAN 23982	-2.36 0.20 -0.81	1.30 -0.05 -0.24	1.13 -0.06 -0.57	7.71 -0.42 0.27	8.60 -0.44 0.77	3.60 -0.18 0.82	11.68 -0.64 4.57	22.61 -0.99 2.52	23.29 -0.53 3.35	24.34 -0.62 0.38	15.26 -0.29 -0.30	-1.99 -0.79 67.13	7.60 -0.13 -3.53	4.49 -0.05 -0.75	1.39 0.05 -2.38	1.42 0.08 -3.87	15.12 -0.55 -3.13	18.55 -0.84 -0.18	26.27 -1.51 10.82	47.97 -2.20 7.35	219.86 -6.92 4.20	21.81 -1.20 14.02	16.48 -1.21 16.67	6.58 -1.09 20.17
INDECK___OSWEGO 23783	-3.27 0.10 0.00	1.08 -0.03 0.00	0.60 -0.02 0.00	8.15 -0.25 0.00	9.53 -0.28 0.00	4.47 -0.12 0.00	16.02 -0.43 0.43	25.44 -0.67 0.00	26.49 -0.68 0.00	24.67 -0.67 0.00	14.81 -0.44 0.00	65.41 -1.64 -1.12	6.14 -0.11 -2.05	5.66 -0.10 -1.97	1.58 0.03 -2.59	0.41 0.06 -2.89	13.94 -0.33 -1.73	19.82 -0.55 -1.18	37.58 -1.12 -0.10	55.93 -1.59 0.00	225.00 -5.98 0.00	36.04 -0.99 0.00	33.42 -0.95 0.00	26.30 -0.77 0.77
INDECK___YERKES 23781	-2.42 0.26 -0.70	-0.03 -0.07 1.08	0.95 -0.07 -0.40	5.44 -0.54 2.42	4.75 -0.60 4.46	0.14 -0.25 4.21	10.98 -1.04 4.88	21.84 -1.67 2.59	22.50 -1.21 3.46	24.42 -0.91 0.00	15.03 -0.48 -0.26	13.12 -1.00 51.81	7.09 -0.20 -3.09	3.93 -0.15 -0.30	0.83 0.06 -1.80	0.83 0.10 -3.27	14.63 -0.67 -2.76	17.86 -1.26 0.07	25.20 -2.38 11.02	46.46 -4.06 6.99	212.02 -14.65 4.31	22.04 -2.33 12.66	16.50 -2.11 15.76	8.51 -1.64 17.70
INDIAN POINT_GT_1 24139	33.70 -0.21 -37.29	30.69 0.07 -29.51	28.11 0.05 -27.44	27.79 0.49 -18.90	28.59 0.55 -18.23	27.05 0.27 -22.18	66.95 1.13 -48.93	47.74 1.77 -19.86	29.39 2.05 -0.18	27.15 1.82 0.00	30.23 1.10 -13.87	91.29 5.76 -19.60	29.16 0.38 -24.58	27.79 0.31 -23.71	29.98 -0.08 -31.10	31.93 -0.21 -34.69	34.42 1.07 -20.81	34.95 1.64 -14.11	43.07 3.27 -1.21	62.36 4.67 -0.17	249.42 18.44 0.00	40.02 2.99 0.00	37.78 2.84 -0.58	33.82 2.35 -3.62
INDIAN POINT_GT_2 23659	33.70 -0.21 -37.29	30.69 0.07 -29.51	28.11 0.05 -27.44	27.79 0.49 -18.90	28.59 0.55 -18.23	27.05 0.27 -22.18	66.95 1.13 -48.93	47.74 1.77 -19.86	29.39 2.05 -0.18	27.15 1.82 0.00	30.23 1.10 -13.87	91.29 5.76 -19.60	29.16 0.38 -24.58	27.79 0.31 -23.71	29.98 -0.08 -31.10	31.93 -0.21 -34.69	34.42 1.07 -20.81	34.95 1.64 -14.11	43.07 3.27 -1.21	62.36 4.67 -0.17	249.42 18.44 0.00	40.02 2.99 0.00	37.78 2.84 -0.58	33.82 2.35 -3.62
INDIAN POINT_GT_3 24019	33.70 -0.21 -37.29	30.69 0.07 -29.51	28.11 0.05 -27.44	27.79 0.49 -18.90	28.59 0.55 -18.23	27.05 0.27 -22.18	66.95 1.13 -48.93	47.74 1.77 -19.86	29.39 2.05 -0.18	27.15 1.82 0.00	30.23 1.10 -13.87	91.29 5.76 -19.60	29.16 0.38 -24.58	27.79 0.31 -23.71	29.98 -0.08 -31.10	31.93 -0.21 -34.69	34.42 1.07 -20.81	34.95 1.64 -14.11	43.07 3.27 -1.21	62.36 4.67 -0.17	249.42 18.44 0.00	40.02 2.99 0.00	37.78 2.84 -0.58	33.82 2.35 -3.62
INDIAN POINT___2 23530	33.46 -0.23 -37.06	30.51 0.06 -29.33	27.94 0.05 -27.28	27.68 0.49 -18.79	28.48 0.55 -18.12	26.92 0.28 -22.05	66.65 1.12 -48.64	47.61 1.76 -19.74	29.38 2.04 -0.18	27.14 1.81 0.00	30.14 1.09 -13.79	91.16 5.77 -19.46	28.97 0.38 -24.39	27.60 0.31 -23.52	29.73 -0.08 -30.85	31.66 -0.21 -34.41	34.26 1.07 -20.65	34.82 1.62 -14.00	43.03 3.23 -1.20	62.34 4.65 -0.17	249.37 18.39 0.00	40.00 2.97 0.00	37.76 2.80 -0.59	33.82 2.35 -3.63
INDIAN POINT___3 23531	33.71 -0.21 -37.30	30.69 0.07 -29.51	28.11 0.05 -27.44	27.80 0.49 -18.91	28.60 0.55 -18.23	27.05 0.27 -22.18	66.95 1.12 -48.94	47.73 1.76 -19.86	29.38 2.03 -0.18	27.15 1.81 0.00	30.23 1.10 -13.88	91.30 5.76 -19.61	29.17 0.38 -24.59	27.80 0.31 -23.71	29.98 -0.08 -31.10	31.94 -0.21 -34.69	34.43 1.07 -20.82	34.94 1.62 -14.12	43.06 3.26 -1.21	62.34 4.65 -0.17	249.33 18.35 0.00	40.00 2.97 0.00	37.77 2.82 -0.58	33.80 2.34 -3.62
INDIANHD_69_KV_BK1 55831	48.99 -0.30 -52.66	50.75 0.09 -49.55	44.23 0.06 -43.55	42.77 0.68 -33.68	38.91 0.79 -28.31	49.41 0.38 -44.44	71.65 1.52 -53.24	59.15 2.34 -30.70	59.97 2.69 -30.11	47.40 2.24 -19.81	53.29 1.26 -36.78	102.08 5.89 -30.27	47.44 0.42 -42.82	47.43 0.34 -43.31	52.77 -0.09 -53.90	53.89 -0.23 -56.66	56.39 1.17 -42.69	61.13 1.87 -40.07	90.60 4.01 -47.98	110.24 5.83 -46.89	309.33 23.55 -54.79	92.20 3.76 -51.42	52.15 3.53 -14.26	54.43 2.91 -23.66
INGHAM_C_115KV_TB7 356103	-3.64 -0.26 0.00	1.17 0.06 0.00	0.65 0.03 0.00	8.82 0.41 0.00	10.31 0.50 0.00	4.83 0.23 0.00	18.06 0.75 -0.42	27.00 0.89 0.00	27.87 0.70 0.00	25.98 0.64 0.00	15.60 0.35 0.00	67.81 1.88 0.00	4.19 -0.02 0.00	3.81 0.03 0.00	-1.05 -0.01 0.00	-2.58 -0.04 0.00	12.63 0.09 0.00	19.89 0.70 0.00	40.52 1.92 0.00	61.16 3.64 0.00	246.07 15.09 0.00	39.27 2.24 0.00	36.39 2.02 0.00	30.19 1.51 -0.83
IP CORINTH___1 23988	38.50 -0.23 -42.10	34.50 0.07 -33.32	31.65 0.04 -30.98	30.30 0.55 -21.35	31.06 0.67 -20.58	29.97 0.33 -25.04	73.42 1.28 -55.24	50.34 1.80 -22.43	29.20 1.83 -0.20	27.15 1.81 0.00	31.99 0.98 -15.75	92.85 4.08 -22.84	33.42 0.23 -28.98	31.97 0.24 -27.95	35.56 -0.06 -36.66	38.20 -0.16 -40.89	37.88 0.80 -24.54	37.20 1.37 -16.64	43.06 3.03 -1.43	61.91 4.39 0.00	248.24 17.26 0.00	39.84 2.82 0.00	36.99 2.62 0.00	32.60 2.05 -2.71

IP___TICONDEROGA 23804	38.40 -0.30 -42.08	34.51 0.09 -33.30	31.65 0.06 -30.97	30.49 0.75 -21.33	31.31 0.93 -20.57	30.10 0.47 -25.02	74.00 1.89 -55.21	51.06 2.53 -22.42	29.95 2.58 -0.20	27.91 2.57 0.00	32.44 1.44 -15.74	94.23 5.48 -22.83	33.44 0.28 -28.95	32.03 0.33 -27.92	35.51 -0.08 -36.63	38.11 -0.21 -40.86	38.17 1.12 -24.51	37.81 2.00 -16.62	44.57 4.55 -1.43	63.94 6.42 0.00	256.83 25.85 0.00	41.34 4.31 0.00	38.34 3.97 0.00	33.59 3.04 -2.70
ISLIP_RES_REC 323679	49.09 -0.30 -52.77	50.88 0.08 -49.69	44.35 0.06 -43.67	42.86 0.66 -33.79	38.97 0.77 -28.39	49.56 0.37 -44.60	71.62 1.46 -53.27	59.13 2.26 -30.76	60.08 2.64 -30.26	47.47 2.21 -19.92	53.40 1.25 -36.91	102.12 5.87 -30.33	47.54 0.42 -42.92	47.53 0.34 -43.41	52.89 -0.09 -54.02	54.01 -0.23 -56.78	56.49 1.15 -42.80	61.22 1.81 -40.22	90.70 3.87 -48.24	110.26 5.60 -47.14	308.65 22.58 -55.09	92.35 3.62 -51.70	52.09 3.39 -14.33	54.46 2.84 -23.78
JAMAICA__27_KV_LOAD 355505	33.82 -0.24 -37.43	30.81 0.07 -29.62	28.22 0.05 -27.55	27.90 0.52 -18.98	28.71 0.60 -18.30	27.18 0.32 -22.26	67.26 1.24 -49.12	48.11 2.07 -19.93	29.77 2.43 -0.18	27.53 2.19 0.00	30.45 1.27 -13.93	92.47 6.83 -19.71	29.36 0.44 -24.71	27.96 0.35 -23.83	30.13 -0.09 -31.26	32.10 -0.24 -34.87	34.68 1.22 -20.92	35.23 1.85 -14.19	43.44 3.63 -1.21	62.59 5.07 0.00	250.71 19.73 0.00	40.34 3.31 0.00	37.54 3.17 0.00	32.80 2.56 -2.39
JANIS___SOLAR 323808	-0.25 -0.11 -3.24	4.23 0.01 -3.11	3.04 -0.01 -2.42	11.07 0.10 -2.56	13.11 0.14 -3.17	8.13 0.07 -3.46	23.55 0.42 -6.23	28.83 0.47 -2.26	28.53 0.51 -0.84	25.22 -0.12 0.00	16.15 -0.32 -1.22	69.38 -0.80 -4.25	10.97 -0.05 -6.82	11.12 -0.02 -7.36	8.22 0.02 -9.24	7.40 0.00 -9.94	18.20 -0.07 -5.73	23.70 0.10 -4.40	42.71 0.68 -3.43	62.89 2.37 -3.01	243.26 11.01 -1.28	40.42 1.28 -2.11	38.40 0.80 -3.23	31.52 0.59 -3.08
JARVIS____ 23743	-3.40 -0.02 0.00	1.12 0.01 0.00	0.63 0.00 0.00	8.45 0.05 0.00	9.87 0.06 0.00	4.62 0.03 0.00	17.43 0.11 -0.42	26.27 0.16 0.00	27.35 0.18 0.00	25.51 0.17 0.00	15.35 0.09 0.00	66.29 0.37 0.00	4.22 0.02 0.00	3.80 0.02 0.00	-1.04 -0.01 0.00	-2.55 -0.02 0.00	12.61 0.07 0.00	19.31 0.12 0.00	38.83 0.24 0.00	57.87 0.35 0.00	232.37 1.40 0.00	37.26 0.23 0.00	34.61 0.24 0.00	28.87 0.20 -0.83
JENNISON___1 23625	2.60 -0.19 -6.16	6.33 0.01 -5.21	5.17 -0.01 -4.56	12.25 0.16 -3.68	14.00 0.21 -3.98	9.27 0.08 -4.60	26.66 0.51 -9.26	30.25 0.70 -3.43	28.18 0.72 -0.28	25.43 0.38 0.29	17.53 -0.04 -2.31	106.11 0.62 -39.57	13.02 0.04 -8.78	12.68 0.05 -8.85	10.36 -0.01 -11.41	9.94 -0.04 -12.52	20.14 0.20 -7.41	25.11 0.50 -5.41	41.82 1.25 -1.98	61.70 3.12 -1.06	244.10 12.46 -0.66	42.70 1.30 -4.37	37.38 0.77 -2.24	34.63 0.65 -6.13
JENNISON___2 23626	2.60 -0.19 -6.16	6.33 0.01 -5.21	5.17 -0.01 -4.56	12.25 0.16 -3.68	14.00 0.21 -3.98	9.27 0.08 -4.60	26.66 0.51 -9.26	30.25 0.70 -3.43	28.18 0.72 -0.28	25.43 0.38 0.29	17.53 -0.04 -2.31	106.11 0.62 -39.57	13.02 0.04 -8.78	12.68 0.05 -8.85	10.36 -0.01 -11.41	9.94 -0.04 -12.52	20.14 0.20 -7.41	25.11 0.50 -5.41	41.82 1.25 -1.98	61.70 3.12 -1.06	244.10 12.46 -0.66	42.70 1.30 -4.37	37.38 0.77 -2.24	34.63 0.65 -6.13
JERICHO_RISE_WT_PWR 323719	-3.28 0.09 0.00	1.09 -0.02 0.00	0.61 -0.01 0.00	8.29 -0.12 0.00	9.67 -0.14 0.00	4.51 -0.08 0.00	16.01 -0.50 0.39	25.40 -0.71 0.00	26.32 -0.85 0.00	24.58 -0.77 0.00	14.84 -0.41 0.00	63.98 -1.95 0.00	4.11 -0.10 0.00	3.69 -0.09 0.00	-1.02 0.02 0.00	-2.46 0.08 0.00	12.17 -0.37 0.00	18.71 -0.49 0.00	37.71 -0.89 0.00	56.36 -1.16 0.00	226.91 -4.07 0.00	36.24 -0.79 0.00	33.39 -0.98 0.00	26.25 -0.83 0.77
KATONAH___115KV_46KV_TB4 355592	34.10 -0.22 -37.70	31.02 0.07 -29.83	28.41 0.05 -27.74	28.03 0.51 -19.11	28.83 0.58 -18.43	27.31 0.29 -22.42	67.54 1.18 -49.47	48.05 1.86 -20.08	29.52 2.17 -0.18	27.27 1.93 0.00	30.47 1.17 -14.05	91.74 5.92 -19.90	29.57 0.39 -24.98	28.19 0.32 -24.09	30.48 -0.09 -31.60	32.49 -0.22 -35.25	34.80 1.11 -21.15	35.25 1.72 -14.34	43.27 3.45 -1.23	62.45 4.93 0.00	250.29 19.31 0.00	40.17 3.14 0.00	37.31 2.94 0.00	32.68 2.42 -2.41
KCE_NY_1 323755	38.47 -0.20 -42.05	34.45 0.06 -33.28	31.61 0.04 -30.94	30.21 0.48 -21.32	30.95 0.58 -20.56	29.88 0.28 -25.01	73.14 1.07 -55.17	50.03 1.52 -22.40	28.88 1.50 -0.20	26.82 1.48 0.00	31.83 0.84 -15.73	92.29 3.56 -22.81	33.34 0.21 -28.93	31.89 0.21 -27.90	35.50 -0.06 -36.60	38.14 -0.14 -40.82	37.74 0.71 -24.49	37.01 1.20 -16.61	42.58 2.55 -1.42	61.24 3.72 0.00	245.53 14.55 0.00	39.39 2.36 0.00	36.65 2.29 0.00	32.35 1.81 -2.70
KCE_NY_6_ESR 323823	-2.39 0.25 -0.74	-0.36 -0.07 1.41	0.95 -0.07 -0.40	4.83 -0.56 3.01	3.69 -0.63 5.49	-0.88 -0.27 5.20	9.60 -1.07 6.22	21.20 -1.64 3.27	21.65 -1.21 4.30	24.18 -0.97 0.18	15.03 -0.50 -0.28	6.84 -1.44 57.64	7.21 -0.20 -3.21	3.40 -0.17 0.21	0.49 0.07 -1.46	0.77 0.12 -3.19	14.72 -0.73 -2.90	17.53 -1.25 0.42	22.65 -2.36 13.58	45.40 -3.72 8.41	212.52 -13.12 5.34	19.95 -2.12 14.96	13.31 -2.14 18.92	5.39 -1.75 20.70
KEDC_PORT_JEFF_GT2 24210	48.97 -0.29 -52.64	50.71 0.08 -49.52	44.21 0.06 -43.52	42.70 0.64 -33.66	38.85 0.74 -28.30	49.35 0.35 -44.40	71.52 1.39 -53.24	58.96 2.17 -30.68	59.80 2.55 -30.08	47.27 2.14 -19.79	53.22 1.21 -36.76	101.92 5.74 -30.26	47.41 0.41 -42.80	47.40 0.33 -43.28	52.75 -0.09 -53.88	53.87 -0.22 -56.63	56.31 1.11 -42.66	60.99 1.75 -40.05	90.25 3.73 -47.93	109.73 5.37 -46.84	307.24 21.52 -54.74	91.84 3.46 -51.36	51.86 3.25 -14.24	54.22 2.73 -23.64
KEDC_PORT_JEFF_GT3 24211	48.97 -0.29 -52.64	50.71 0.08 -49.52	44.21 0.06 -43.52	42.70 0.64 -33.66	38.85 0.74 -28.30	49.35 0.35 -44.40	71.52 1.39 -53.24	58.96 2.17 -30.68	59.80 2.55 -30.08	47.27 2.14 -19.79	53.22 1.21 -36.76	101.92 5.74 -30.26	47.41 0.41 -42.80	47.40 0.33 -43.28	52.75 -0.09 -53.88	53.87 -0.22 -56.63	56.31 1.11 -42.66	60.99 1.75 -40.05	90.25 3.73 -47.93	109.73 5.37 -46.84	307.24 21.52 -54.74	91.84 3.46 -51.36	51.86 3.25 -14.24	54.22 2.73 -23.64
KEDC_GLWD_GT4 24219	58.12 -0.27 -61.76	62.64 0.08 -61.45	53.79 0.06 -53.11	51.48 0.61 -42.47	44.79 0.69 -34.29	62.62 0.34 -57.69	73.93 1.35 -55.69	65.23 2.13 -36.99	76.05 2.46 -46.42	59.03 2.22 -31.47	66.84 1.36 -50.22	109.23 6.82 -36.48	58.13 0.46 -53.46	58.92 0.38 -54.76	66.07 -0.10 -67.21	66.68 -0.26 -69.47	69.30 1.28 -55.48	76.41 1.92 -55.30	117.88 3.79 -75.49	137.36 5.38 -74.47	339.35 21.35 -87.02	122.13 3.45 -81.65	60.31 3.30 -22.64	66.79 2.77 -36.18
KEDC_GLWD_GT5 24220	58.12 -0.27 -61.76	62.64 0.08 -61.45	53.79 0.06 -53.11	51.48 0.61 -42.47	44.79 0.69 -34.29	62.62 0.34 -57.69	73.93 1.35 -55.69	65.23 2.13 -36.99	76.05 2.46 -46.42	59.03 2.22 -31.47	66.84 1.36 -50.22	109.23 6.82 -36.48	58.13 0.46 -53.46	58.92 0.38 -54.76	66.07 -0.10 -67.21	66.68 -0.26 -69.47	69.30 1.28 -55.48	76.41 1.92 -55.30	117.88 3.79 -75.49	137.36 5.38 -74.47	339.35 21.35 -87.02	122.13 3.45 -81.65	60.31 3.30 -22.64	66.79 2.77 -36.18

KENSICO____ 23655	33.82 -0.22 -37.41	30.78 0.07 -29.60	28.20 0.05 -27.53	27.87 0.50 -18.97	28.67 0.57 -18.29	27.13 0.29 -22.25	67.13 1.15 -49.09	47.85 1.81 -19.92	29.47 2.12 -0.18	27.24 1.90 0.00	30.33 1.15 -13.92	91.64 6.03 -19.68	29.29 0.39 -24.69	27.91 0.32 -23.81	30.11 -0.09 -31.23	32.08 -0.22 -34.84	34.56 1.12 -20.90	35.08 1.71 -14.17	43.22 3.41 -1.21	62.36 4.84 0.00	250.06 19.08 0.00	40.13 3.10 0.00	37.30 2.93 0.00	32.66 2.43 -2.39
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	32.32 -0.24 -35.93	29.62 0.07 -28.43	27.11 0.05 -26.44	27.16 0.54 -18.22	28.00 0.62 -17.57	26.27 0.31 -21.37	65.30 1.26 -47.14	47.24 1.99 -19.14	29.60 2.25 -0.17	27.18 1.84 0.00	29.88 1.09 -13.53	98.08 5.06 -27.10	28.71 0.34 -24.16	27.33 0.25 -23.30	29.46 -0.07 -30.57	31.37 -0.18 -34.09	33.95 0.95 -20.46	34.63 1.53 -13.90	43.06 3.25 -1.21	62.99 5.29 -0.18	252.18 21.20 0.00	41.21 3.38 -0.80	38.13 3.13 -0.63	34.07 2.52 -3.71
KIAC_JFK_GT1 23816	33.84 -0.22 -37.43	30.80 0.07 -29.62	28.22 0.04 -27.55	27.86 0.47 -18.98	28.66 0.55 -18.30	27.15 0.29 -22.26	67.15 1.14 -49.12	47.95 1.90 -19.93	29.61 2.26 -0.18	27.38 2.04 0.00	30.37 1.18 -13.93	92.11 6.47 -19.71	29.33 0.42 -24.71	27.94 0.33 -23.83	30.13 -0.09 -31.26	32.11 -0.22 -34.87	34.58 1.12 -20.92	35.05 1.67 -14.19	43.08 3.27 -1.21	62.01 4.49 0.00	248.36 17.37 0.00	40.13 3.10 0.00	37.38 3.01 0.00	32.65 2.41 -2.39
KIAC_JFK_GT2 23817	33.84 -0.22 -37.43	30.80 0.07 -29.62	28.22 0.04 -27.55	27.86 0.47 -18.98	28.66 0.55 -18.30	27.15 0.29 -22.26	67.15 1.14 -49.12	47.95 1.90 -19.93	29.61 2.26 -0.18	27.38 2.04 0.00	30.37 1.18 -13.93	92.11 6.47 -19.71	29.33 0.42 -24.71	27.94 0.33 -23.83	30.13 -0.09 -31.26	32.11 -0.22 -34.87	34.58 1.12 -20.92	35.05 1.67 -14.19	43.08 3.27 -1.21	62.01 4.49 0.00	248.36 17.37 0.00	40.13 3.10 0.00	37.38 3.01 0.00	32.65 2.41 -2.39
KIAC_JFK____ 323774	33.82 -0.24 -37.43	30.79 0.06 -29.62	28.22 0.05 -27.55	27.86 0.47 -18.98	28.66 0.55 -18.30	27.15 0.29 -22.26	67.15 1.14 -49.12	47.95 1.90 -19.93	29.61 2.26 -0.18	27.38 2.05 0.00	30.37 1.18 -13.93	92.09 6.45 -19.71	29.33 0.42 -24.71	27.94 0.33 -23.83	30.13 -0.09 -31.26	32.11 -0.22 -34.87	34.58 1.12 -20.92	35.04 1.66 -14.19	43.06 3.25 -1.21	62.01 4.49 0.00	248.40 17.42 0.00	40.12 3.09 0.00	37.36 2.99 0.00	32.65 2.42 -2.39
KINTIGH_24_KV_GSU 356498	-2.51 0.23 -0.63	0.59 -0.06 0.46	0.96 -0.06 -0.40	6.59 -0.50 1.31	6.74 -0.57 2.50	2.02 -0.24 2.33	13.37 -0.99 2.53	23.16 -1.53 1.42	24.00 -1.16 2.01	24.46 -0.88 0.00	15.02 -0.47 -0.24	23.84 -1.27 40.82	6.87 -0.17 -2.84	4.78 -0.17 -1.17	1.37 0.05 -2.36	0.93 0.09 -3.37	14.39 -0.64 -2.49	18.54 -1.17 -0.51	29.83 -2.24 6.52	49.43 -3.61 4.48	215.50 -12.94 2.54	26.37 -2.11 8.54	22.20 -2.02 10.15	13.94 -1.61 12.30
KINTIGH____ 23543	-2.55 0.20 -0.63	0.59 -0.07 0.46	0.96 -0.06 -0.40	6.59 -0.51 1.31	6.75 -0.56 2.50	2.02 -0.25 2.33	13.35 -1.01 2.53	23.15 -1.54 1.42	24.00 -1.15 2.01	24.47 -0.87 0.00	15.01 -0.48 -0.24	23.79 -1.32 40.82	6.87 -0.17 -2.84	4.78 -0.17 -1.17	1.37 0.05 -2.36	0.93 0.09 -3.37	14.38 -0.65 -2.49	18.52 -1.19 -0.51	29.79 -2.28 6.52	49.38 -3.66 4.48	215.36 -13.08 2.54	26.34 -2.14 8.54	22.10 -2.12 10.15	13.96 -1.59 12.30
KNTFSRNC_46_KV_46KV_LOAD 80397	-3.34 0.04 0.00	1.10 -0.01 0.00	0.62 0.00 0.00	8.38 -0.03 0.00	9.78 -0.03 0.00	4.58 -0.01 0.00	16.25 -0.26 0.39	25.80 -0.31 0.00	26.71 -0.46 0.00	24.97 -0.37 0.00	15.08 -0.17 0.00	64.83 -1.09 0.00	4.17 -0.03 0.00	3.73 -0.05 0.00	-1.03 0.00 0.00	-2.49 0.05 0.00	12.33 -0.21 0.00	19.01 -0.19 0.00	38.23 -0.36 0.00	57.11 -0.41 0.00	230.12 -0.86 0.00	36.80 -0.22 0.00	33.88 -0.49 0.00	26.59 -0.49 0.77
LACHUTE____HYDRO 323717	38.40 -0.31 -42.08	34.50 0.09 -33.30	31.65 0.06 -30.97	30.49 0.75 -21.33	31.31 0.93 -20.57	30.10 0.47 -25.02	74.00 1.89 -55.21	51.06 2.53 -22.42	29.95 2.57 -0.20	27.91 2.57 0.00	32.44 1.44 -15.74	94.20 5.45 -22.83	33.44 0.28 -28.95	32.03 0.33 -27.92	35.51 -0.08 -36.63	38.11 -0.21 -40.86	38.17 1.12 -24.51	37.82 1.99 -16.63	44.56 4.54 -1.43	63.94 6.42 0.00	256.82 25.84 0.00	41.34 4.31 0.00	38.32 3.96 0.00	33.59 3.04 -2.70
LAWRNCV_115KV_TB1 80681	-3.25 0.13 0.00	1.07 -0.04 0.00	0.60 -0.03 0.00	8.09 -0.32 0.00	9.43 -0.38 0.00	4.41 -0.19 0.00	13.93 -0.80 2.17	24.96 -1.15 0.00	25.98 -1.19 0.00	24.44 -0.90 0.00	14.74 -0.51 0.00	63.48 -2.69 -0.24	4.47 -0.18 -0.44	4.02 -0.19 -0.43	-0.43 0.05 -0.56	-1.76 0.15 -0.62	12.20 -0.71 -0.37	18.45 -1.00 -0.25	36.70 -1.92 -0.02	55.11 -2.42 0.00	221.94 -9.04 0.00	35.36 -1.67 0.00	32.65 -1.72 0.00	22.18 -1.40 4.27
LEDERLE____ 23769	33.29 -0.24 -36.90	30.39 0.07 -29.20	27.83 0.05 -27.16	27.65 0.54 -18.71	28.47 0.62 -18.04	26.85 0.31 -21.95	66.56 1.24 -48.42	47.71 1.95 -19.66	29.55 2.20 -0.17	27.30 1.96 0.00	30.17 1.19 -13.73	98.69 6.19 -26.57	28.85 0.40 -24.24	27.49 0.33 -23.38	29.54 -0.09 -30.67	31.44 -0.23 -34.21	34.23 1.16 -20.52	34.90 1.76 -13.94	43.31 3.52 -1.19	62.77 5.07 -0.17	251.06 20.08 0.00	40.98 3.22 -0.73	38.00 3.04 -0.60	33.99 2.52 -3.63
LIGHTHSE_115KV_TB6 355974	-3.27 0.11 0.00	1.08 -0.03 0.00	0.59 -0.03 0.00	8.11 -0.29 0.00	9.48 -0.32 0.00	4.45 -0.15 0.00	15.06 -0.52 1.31	25.38 -0.73 0.00	26.41 -0.76 0.00	24.61 -0.73 0.00	14.73 -0.52 0.00	64.73 -2.27 -1.08	6.03 -0.14 -1.97	5.56 -0.11 -1.90	1.48 0.03 -2.49	0.32 0.08 -2.78	13.80 -0.41 -1.67	19.69 -0.63 -1.13	37.57 -1.12 -0.10	56.35 -1.17 0.00	227.27 -3.71 0.00	36.14 -0.89 0.00	33.40 -0.96 0.00	24.43 -0.87 2.54
LINDEN COGEN____ 23786	33.82 -0.23 -37.43	30.80 0.06 -29.62	28.22 0.05 -27.55	27.87 0.48 -18.98	28.66 0.56 -18.30	27.14 0.28 -22.26	67.15 1.14 -49.12	47.87 1.82 -19.93	29.51 2.16 -0.18	27.28 1.95 0.00	30.35 1.17 -13.93	92.10 6.46 -19.71	29.33 0.42 -24.71	27.95 0.34 -23.83	30.13 -0.09 -31.26	32.10 -0.23 -34.87	34.62 1.16 -20.92	35.14 1.76 -14.19	43.29 3.48 -1.21	62.46 4.94 0.00	250.47 19.49 0.00	40.18 3.15 0.00	37.35 2.99 0.00	32.74 2.50 -2.39
LINDHRST_69_KV_BK1 356055	51.18 -0.30 -54.85	53.61 0.09 -52.41	46.53 0.06 -45.84	44.89 0.70 -35.79	40.36 0.80 -29.74	52.61 0.39 -47.62	72.15 1.50 -53.75	60.20 2.32 -31.77	62.82 2.73 -32.92	49.52 2.35 -21.83	55.73 1.37 -39.11	103.78 6.51 -31.34	49.32 0.45 -44.66	49.44 0.37 -45.29	55.06 -0.10 -56.20	56.08 -0.25 -58.87	58.68 1.24 -44.90	63.83 1.92 -42.71	95.34 4.00 -52.74	114.91 5.73 -51.66	314.25 22.90 -60.37	97.39 3.71 -56.65	53.57 3.49 -15.71	56.60 2.92 -25.83
LIPA_MISC_IPP 23656	48.94 -0.27 -52.59	50.65 0.08 -49.45	44.16 0.06 -43.47	42.63 0.61 -33.61	38.78 0.71 -28.26	49.26 0.34 -44.33	71.47 1.35 -53.22	58.84 2.07 -30.66	59.60 2.42 -30.01	47.07 1.98 -19.74	53.06 1.10 -36.70	101.52 5.36 -30.23	47.34 0.39 -42.75	47.33 0.31 -43.24	52.70 -0.09 -53.82	53.83 -0.21 -56.58	56.19 1.04 -42.61	60.83 1.65 -39.98	89.95 3.54 -47.82	109.34 5.10 -46.73	306.04 20.46 -54.61	91.55 3.29 -51.23	51.70 3.13 -14.21	54.05 2.61 -23.59

LISF__SOLAR 323691	48.95 -0.29 -52.61	50.67 0.08 -49.48	44.18 0.06 -43.50	42.66 0.62 -33.63	38.81 0.72 -28.28	49.30 0.34 -44.36	71.49 1.37 -53.23	58.89 2.11 -30.67	59.67 2.45 -30.04	47.11 2.00 -19.77	53.08 1.11 -36.72	101.57 5.40 -30.24	47.36 0.39 -42.77	47.35 0.31 -43.26	52.72 -0.08 -53.84	53.85 -0.21 -56.60	56.23 1.06 -42.63	60.87 1.67 -40.01	90.06 3.60 -47.86	109.48 5.19 -46.77	306.58 20.93 -54.66	91.68 3.36 -51.29	51.76 3.17 -14.22	54.12 2.66 -23.61
LITTLE FALLS__HYD 24013	-3.64 -0.26 0.00	1.17 0.06 0.00	0.65 0.03 0.00	8.82 0.41 0.00	10.31 0.50 0.00	4.83 0.23 0.00	18.06 0.75 -0.42	27.00 0.89 0.00	27.87 0.70 0.00	25.98 0.64 0.00	15.60 0.35 0.00	67.81 1.88 0.00	4.19 -0.02 0.00	3.81 0.03 0.00	-1.05 -0.01 0.00	-2.58 -0.04 0.00	12.63 0.09 0.00	19.89 0.70 0.00	40.52 1.92 0.00	61.16 3.64 0.00	246.07 15.09 0.00	39.27 2.24 0.00	36.39 2.02 0.00	30.19 1.51 -0.83
LITTLRIV_115KV_TB1 356100	-3.28 0.10 0.00	1.08 -0.03 0.00	0.60 -0.02 0.00	8.16 -0.24 0.00	9.53 -0.28 0.00	4.46 -0.14 0.00	13.97 -0.61 2.32	25.23 -0.89 0.00	26.22 -0.95 0.00	24.52 -0.82 0.00	14.77 -0.49 0.00	63.53 -2.66 -0.26	4.50 -0.18 -0.47	4.05 -0.18 -0.45	-0.39 0.05 -0.60	-1.72 0.15 -0.67	12.25 -0.69 -0.40	18.49 -0.97 -0.27	36.83 -1.79 -0.02	55.59 -1.93 0.00	224.37 -6.61 0.00	35.73 -1.30 0.00	32.96 -1.41 0.00	22.13 -1.15 4.56
LI_NEWBRDGE__DRP 323616	48.07 -0.24 -51.68	49.45 0.08 -48.26	43.19 0.05 -42.51	41.70 0.57 -32.73	38.12 0.64 -27.66	47.91 0.31 -43.00	71.13 1.26 -52.98	58.09 1.97 -30.01	57.97 2.46 -28.34	46.04 2.15 -18.55	51.87 1.29 -35.32	101.80 6.27 -29.59	46.30 0.44 -41.66	46.20 0.36 -42.07	51.32 -0.10 -52.45	52.49 -0.24 -55.27	55.00 1.17 -41.30	59.41 1.79 -38.42	87.26 3.66 -45.00	106.58 5.16 -43.90	302.73 20.44 -51.30	88.49 3.32 -48.14	50.77 3.06 -13.35	52.74 2.59 -22.31
LOCKPORT_115KV_TB60_63_64 80432	-2.46 0.24 -0.68	0.17 -0.07 0.87	0.95 -0.07 -0.40	5.77 -0.58 2.05	5.37 -0.63 3.81	0.74 -0.27 3.58	11.76 -1.10 4.04	22.12 -1.82 2.17	22.82 -1.41 2.94	24.18 -1.16 0.00	14.85 -0.66 -0.25	16.41 -1.46 48.06	6.97 -0.24 -3.01	4.22 -0.19 -0.62	1.06 0.08 -2.02	0.93 0.14 -3.32	14.40 -0.82 -2.68	17.84 -1.50 -0.14	26.52 -2.64 9.43	46.93 -4.48 6.11	210.73 -16.56 3.69	23.31 -2.50 11.22	18.20 -2.39 13.78	10.26 -1.77 15.81
LOCKPORT__CC1 323769	-2.41 0.28 -0.68	0.06 -0.07 0.98	0.94 -0.07 -0.40	5.57 -0.59 2.24	5.00 -0.66 4.14	0.41 -0.28 3.90	11.37 -1.14 4.39	21.89 -1.88 2.34	22.56 -1.45 3.16	24.15 -1.19 0.00	14.85 -0.66 -0.26	15.59 -1.57 48.77	6.98 -0.24 -3.02	4.06 -0.20 -0.47	0.94 0.08 -1.90	0.87 0.14 -3.27	14.41 -0.83 -2.69	17.75 -1.50 -0.04	25.83 -2.70 10.07	46.59 -4.49 6.44	210.40 -16.64 3.95	22.77 -2.53 11.72	17.51 -2.34 14.52	9.54 -1.87 16.43
LOCKPORT__CC2 323770	-2.41 0.28 -0.68	0.06 -0.07 0.98	0.94 -0.07 -0.40	5.57 -0.59 2.24	5.00 -0.66 4.14	0.41 -0.28 3.90	11.37 -1.14 4.39	21.89 -1.88 2.34	22.56 -1.45 3.16	24.15 -1.19 0.00	14.85 -0.66 -0.26	15.59 -1.57 48.77	6.98 -0.24 -3.02	4.06 -0.20 -0.47	0.94 0.08 -1.90	0.87 0.14 -3.27	14.41 -0.83 -2.69	17.75 -1.50 -0.04	25.83 -2.70 10.07	46.59 -4.49 6.44	210.40 -16.64 3.95	22.77 -2.53 11.72	17.51 -2.34 14.52	9.54 -1.87 16.43
LOCKPORT__CC3 323771	-2.41 0.28 -0.68	0.06 -0.07 0.98	0.94 -0.07 -0.40	5.57 -0.59 2.24	5.00 -0.66 4.14	0.41 -0.28 3.90	11.37 -1.14 4.39	21.89 -1.88 2.34	22.56 -1.45 3.16	24.15 -1.19 0.00	14.85 -0.66 -0.26	15.59 -1.57 48.77	6.98 -0.24 -3.02	4.06 -0.20 -0.47	0.94 0.08 -1.90	0.87 0.14 -3.27	14.41 -0.83 -2.69	17.75 -1.50 -0.04	25.83 -2.70 10.07	46.59 -4.49 6.44	210.40 -16.64 3.95	22.77 -2.53 11.72	17.51 -2.34 14.52	9.54 -1.87 16.43
LOCUSVLY_69_KV_BK2 55797	55.74 -0.26 -59.38	59.53 0.09 -58.33	51.28 0.06 -50.60	49.20 0.63 -40.17	43.25 0.72 -32.72	59.16 0.35 -54.21	73.35 1.41 -55.04	63.62 2.21 -35.30	71.83 2.61 -42.06	56.00 2.31 -28.35	63.28 1.41 -46.62	107.60 6.85 -34.82	55.29 0.47 -50.61	55.87 0.39 -51.70	62.51 -0.10 -63.65	63.24 -0.26 -66.04	65.89 1.29 -52.06	72.40 1.97 -51.23	110.69 3.96 -68.13	130.19 5.58 -67.09	331.53 22.15 -78.40	114.18 3.59 -73.56	58.16 3.39 -20.40	63.51 2.83 -32.83
LONG_LAKE_PHOENIX 24014	-3.27 0.10 0.00	1.08 -0.04 0.00	0.60 -0.02 0.00	8.13 -0.27 0.00	9.51 -0.30 0.00	4.46 -0.13 0.00	16.18 -0.46 0.26	25.45 -0.66 0.00	26.52 -0.65 0.00	24.64 -0.70 0.00	14.78 -0.47 0.00	65.32 -1.77 -1.17	6.22 -0.11 -2.12	5.72 -0.11 -2.05	1.68 0.03 -2.68	0.52 0.06 -2.99	13.98 -0.36 -1.80	19.83 -0.58 -1.22	37.56 -1.15 -0.10	55.95 -1.57 0.00	225.01 -5.97 0.00	36.06 -0.97 0.00	33.42 -0.94 0.00	26.63 -0.78 0.43
LOVETT__3 23632	33.42 -0.21 -37.01	30.46 0.07 -29.29	27.90 0.04 -27.23	27.65 0.48 -18.76	28.45 0.55 -18.09	26.88 0.28 -22.01	66.58 1.12 -48.56	47.56 1.74 -19.71	29.36 2.01 -0.18	27.13 1.79 0.00	30.11 1.09 -13.77	98.20 5.70 -26.58	28.91 0.37 -24.33	27.55 0.30 -23.47	29.67 -0.08 -30.79	31.59 -0.21 -34.34	34.20 1.06 -20.60	34.80 1.61 -13.99	43.02 3.22 -1.20	62.30 4.61 -0.17	249.15 18.17 0.00	40.70 2.95 -0.72	37.76 2.80 -0.59	33.80 2.33 -3.63
LOVETT__4 23642	33.42 -0.21 -37.01	30.46 0.07 -29.29	27.90 0.04 -27.23	27.65 0.48 -18.76	28.45 0.55 -18.09	26.88 0.28 -22.01	66.58 1.12 -48.56	47.56 1.74 -19.71	29.36 2.01 -0.18	27.13 1.79 0.00	30.11 1.09 -13.77	98.20 5.70 -26.58	28.91 0.37 -24.33	27.55 0.30 -23.47	29.67 -0.08 -30.79	31.59 -0.21 -34.34	34.20 1.06 -20.60	34.80 1.61 -13.99	43.02 3.22 -1.20	62.30 4.61 -0.17	249.15 18.17 0.00	40.70 2.95 -0.72	37.76 2.80 -0.59	33.80 2.33 -3.63
LOVETT__5 23593	33.42 -0.21 -37.01	30.46 0.07 -29.29	27.90 0.04 -27.23	27.65 0.48 -18.76	28.45 0.55 -18.09	26.88 0.28 -22.01	66.58 1.12 -48.56	47.56 1.74 -19.71	29.36 2.01 -0.18	27.13 1.79 0.00	30.11 1.09 -13.77	98.20 5.70 -26.58	28.91 0.37 -24.33	27.55 0.30 -23.47	29.67 -0.08 -30.79	31.59 -0.21 -34.34	34.20 1.06 -20.60	34.80 1.61 -13.99	43.02 3.22 -1.20	62.30 4.61 -0.17	249.15 18.17 0.00	40.70 2.95 -0.72	37.76 2.80 -0.59	33.80 2.33 -3.63
LOWER RAQUET__HYD 24057	-3.22 0.15 0.00	1.07 -0.04 0.00	0.59 -0.03 0.00	8.03 -0.38 0.00	9.37 -0.44 0.00	4.37 -0.23 0.00	13.52 -0.92 2.46	24.77 -1.34 0.00	25.81 -1.36 0.00	24.32 -1.02 0.00	14.66 -0.59 0.00	63.17 -3.03 -0.27	4.49 -0.21 -0.50	4.04 -0.22 -0.48	-0.35 0.06 -0.63	-1.65 0.18 -0.70	12.14 -0.83 -0.42	18.31 -1.18 -0.29	36.38 -2.24 -0.03	54.70 -2.82 0.00	220.46 -10.52 0.00	35.10 -1.93 0.00	32.39 -1.98 0.00	21.40 -1.60 4.84
LOWER__HUDSON 24059	38.18 -0.16 -41.72	34.17 0.05 -33.01	31.36 0.03 -30.70	29.94 0.39 -21.15	30.66 0.45 -20.40	29.62 0.21 -24.81	72.43 0.80 -54.74	49.50 1.17 -22.22	28.55 1.17 -0.20	26.48 1.14 0.00	31.53 0.67 -15.60	91.19 2.69 -22.58	32.99 0.18 -28.61	31.55 0.18 -27.59	35.10 -0.05 -36.19	37.71 -0.12 -40.37	37.36 0.60 -24.22	36.59 0.97 -16.43	41.97 1.96 -1.41	60.28 2.76 0.00	241.63 10.65 0.00	38.89 1.86 0.00	36.23 1.86 0.00	32.01 1.50 -2.67

LOWVILLE_115KV_TB2 356335	-3.22 0.16 0.00	1.09 -0.03 0.00	0.57 -0.05 0.00	7.94 -0.47 0.00	9.29 -0.53 0.00	4.36 -0.24 0.00	25.41 -0.82 -9.34	25.00 -1.11 0.00	25.94 -1.23 0.00	24.35 -0.99 0.00	14.33 -0.92 0.00	61.86 -4.70 -0.63	5.08 -0.27 -1.14	4.65 -0.23 -1.10	0.47 0.06 -1.44	-0.78 0.15 -1.61	12.76 -0.75 -0.97	18.89 -0.96 -0.65	37.21 -1.44 -0.06	56.77 -0.75 0.00	230.59 -0.39 0.00	36.08 -0.95 0.00	33.14 -1.23 0.00	45.03 -1.47 -18.65
LUTHERFT_115KV_GLOB_FND_222 355753	38.48 -0.19 -42.05	34.45 0.06 -33.28	31.61 0.04 -30.94	30.20 0.48 -21.32	30.93 0.57 -20.56	29.87 0.27 -25.01	73.12 1.05 -55.17	49.99 1.48 -22.40	28.85 1.47 -0.20	26.80 1.46 0.00	31.80 0.82 -15.73	92.16 3.43 -22.81	33.34 0.21 -28.93	31.88 0.20 -27.90	35.50 -0.06 -36.60	38.15 -0.14 -40.82	37.73 0.69 -24.49	36.96 1.16 -16.61	42.49 2.47 -1.42	61.12 3.60 0.00	245.18 14.20 0.00	39.35 2.33 0.00	36.61 2.24 0.00	32.32 1.77 -2.70
LUTHERNY_35_KV_BK2 355980	38.47 -0.20 -42.05	34.45 0.06 -33.28	31.61 0.04 -30.94	30.21 0.48 -21.32	30.95 0.58 -20.56	29.88 0.28 -25.01	73.14 1.07 -55.17	50.04 1.52 -22.40	28.88 1.50 -0.20	26.82 1.48 0.00	31.83 0.84 -15.73	92.29 3.56 -22.81	33.34 0.21 -28.93	31.89 0.21 -27.90	35.50 -0.06 -36.60	38.14 -0.14 -40.82	37.74 0.71 -24.49	37.01 1.21 -16.61	42.58 2.56 -1.42	61.24 3.72 0.00	245.52 14.54 0.00	39.39 2.36 0.00	36.66 2.29 0.00	32.35 1.81 -2.70
LWR__OSWEGATCHIE_HYD 23850	-3.19 0.19 0.00	1.06 -0.05 0.00	0.58 -0.05 0.00	7.90 -0.50 0.00	9.23 -0.58 0.00	4.32 -0.28 0.00	11.63 -1.05 4.21	24.60 -1.51 0.00	25.59 -1.59 0.00	24.04 -1.30 0.00	14.34 -0.91 0.00	61.86 -4.53 -0.46	4.76 -0.28 -0.84	4.33 -0.27 -0.81	0.09 0.07 -1.06	-1.16 0.19 -1.18	12.31 -0.94 -0.71	18.40 -1.28 -0.48	36.37 -2.27 -0.04	55.13 -2.39 0.00	223.18 -7.80 0.00	35.22 -1.80 0.00	32.45 -1.92 0.00	17.78 -1.78 8.29
LYONS_FALL_HYD 23570	-3.29 0.08 0.00	1.10 -0.01 0.00	0.59 -0.03 0.00	8.15 -0.25 0.00	9.54 -0.27 0.00	4.48 -0.12 0.00	16.51 -0.38 0.00	25.63 -0.48 0.00	26.62 -0.55 0.00	24.92 -0.42 0.00	14.73 -0.52 0.00	63.74 -2.80 -0.62	5.16 -0.16 -1.12	4.72 -0.14 -1.08	0.42 0.04 -1.42	-0.86 0.09 -1.59	13.06 -0.43 -0.95	19.32 -0.52 -0.64	38.06 -0.60 -0.06	57.70 0.18 0.00	233.52 2.54 0.00	36.79 -0.24 0.00	33.89 -0.48 0.00	27.21 -0.75 -0.11
MADISON__COUNTY_LFGE 323628	-3.42 -0.04 0.00	1.13 0.01 0.00	0.62 0.00 0.00	8.49 0.09 0.00	9.93 0.12 0.00	4.67 0.07 0.00	18.41 0.31 -1.20	26.57 0.46 0.00	27.66 0.49 0.00	25.72 0.38 0.00	15.33 0.08 0.00	67.02 0.20 -0.89	5.82 0.00 -1.62	5.36 0.01 -1.56	1.01 0.00 -2.05	-0.27 -0.01 -2.29	14.01 0.09 -1.37	20.28 0.16 -0.93	39.31 0.63 -0.08	58.99 1.47 0.00	238.04 7.06 0.00	37.93 0.90 0.00	35.08 0.71 0.00	30.82 0.46 -2.52
MALONE__115KV_TB1 356076	-3.30 0.07 0.00	1.09 -0.02 0.00	0.61 -0.01 0.00	8.27 -0.14 0.00	9.65 -0.16 0.00	4.55 -0.05 0.00	16.15 -0.36 0.39	25.65 -0.46 0.00	26.61 -0.56 0.00	24.86 -0.49 0.00	15.02 -0.23 0.00	64.62 -1.30 0.00	4.13 -0.07 0.00	3.71 -0.08 0.00	-1.02 0.02 0.00	-2.47 0.07 0.00	12.22 -0.32 0.00	18.81 -0.39 0.00	37.99 -0.61 0.00	56.79 -0.73 0.00	228.93 -2.05 0.00	36.55 -0.48 0.00	33.65 -0.72 0.00	26.42 -0.66 0.77
MAPLEWOD_115KV_TB3 80458	37.99 -0.14 -41.51	34.01 0.05 -32.85	31.20 0.03 -30.55	29.83 0.38 -21.05	30.54 0.43 -20.30	29.48 0.20 -24.69	72.12 0.76 -54.47	49.33 1.11 -22.11	28.49 1.12 -0.20	26.41 1.07 0.00	31.44 0.66 -15.53	90.94 2.57 -22.44	32.81 0.18 -28.43	31.38 0.18 -27.42	34.88 -0.05 -35.97	37.46 -0.12 -40.12	37.19 0.58 -24.07	36.44 0.92 -16.32	41.82 1.83 -1.40	60.04 2.52 0.00	240.73 9.75 0.00	38.75 1.73 0.00	36.07 1.71 0.00	31.89 1.39 -2.65
MAPLE_RIDGE_WT_1 323574	-3.32 0.05 0.00	1.10 -0.02 0.00	0.61 -0.01 0.00	8.22 -0.18 0.00	9.60 -0.21 0.00	4.49 -0.11 0.00	16.49 -0.40 0.00	25.64 -0.47 0.00	26.58 -0.59 0.00	24.83 -0.51 0.00	14.94 -0.31 0.00	64.37 -1.56 0.00	4.13 -0.07 0.00	3.70 -0.08 0.00	-1.02 0.02 0.00	-2.48 0.05 0.00	12.33 -0.21 0.00	18.95 -0.24 0.00	38.13 -0.47 0.00	57.10 -0.42 0.00	229.38 -1.60 0.00	36.50 -0.53 0.00	33.73 -0.64 0.00	27.16 -0.68 0.00
MAPLE_RIDGE_WT_2 323611	-3.32 0.05 0.00	1.10 -0.02 0.00	0.61 -0.01 0.00	8.22 -0.18 0.00	9.60 -0.21 0.00	4.49 -0.11 0.00	16.49 -0.40 0.00	25.64 -0.47 0.00	26.58 -0.59 0.00	24.83 -0.51 0.00	14.94 -0.31 0.00	64.37 -1.56 0.00	4.13 -0.07 0.00	3.70 -0.08 0.00	-1.02 0.02 0.00	-2.48 0.05 0.00	12.33 -0.21 0.00	18.95 -0.24 0.00	38.13 -0.47 0.00	57.10 -0.42 0.00	229.38 -1.60 0.00	36.50 -0.53 0.00	33.73 -0.64 0.00	27.16 -0.68 0.00
MARBLE_RIVER_WT_PWR 323696	-3.29 0.09 0.00	1.09 -0.02 0.00	0.61 -0.01 0.00	8.29 -0.11 0.00	9.67 -0.13 0.00	4.52 -0.07 0.00	16.02 -0.48 0.39	25.43 -0.68 0.00	26.34 -0.83 0.00	24.59 -0.75 0.00	14.85 -0.40 0.00	64.02 -1.91 0.00	4.12 -0.09 0.00	3.69 -0.09 0.00	-1.02 0.02 0.00	-2.46 0.08 0.00	12.19 -0.35 0.00	18.75 -0.44 0.00	37.78 -0.82 0.00	56.46 -1.06 0.00	227.33 -3.65 0.00	36.31 -0.71 0.00	33.44 -0.92 0.00	26.28 -0.79 0.77
MARSHVLE_115KV_TB1 80742	40.34 -0.16 -43.87	35.88 0.05 -34.72	32.93 0.02 -32.28	30.98 0.33 -22.24	31.65 0.39 -21.45	30.89 0.20 -26.09	75.26 0.80 -57.57	50.35 0.83 -23.41	28.02 0.63 -0.21	26.04 0.70 0.00	31.83 0.17 -16.41	102.62 1.60 -35.11	35.38 0.01 -31.17	33.86 0.02 -30.06	38.39 -0.01 -39.43	41.45 0.01 -43.98	39.05 0.13 -26.39	37.49 0.36 -17.93	41.13 0.87 -1.66	60.40 2.71 -0.18	244.26 13.28 0.00	39.97 1.85 -1.09	36.31 1.33 -0.62	33.28 1.00 -4.44
MARSH_HILL_WT_PWR 323713	-2.17 0.27 -0.94	8.57 -0.11 -7.57	1.72 -0.08 -1.18	19.67 -0.83 -12.10	29.50 -0.87 -20.55	24.25 -0.42 -20.08	44.98 -1.59 -29.67	45.64 -2.83 -22.36	48.18 -2.41 -23.42	27.69 -2.22 -4.57	14.30 -1.33 -0.38	-27.45 -2.32 91.05	9.04 -0.44 -5.28	22.09 -0.36 -18.67	16.51 0.13 -17.42	11.10 0.25 -13.39	15.10 -1.20 -3.76	28.13 -1.79 -10.73	85.32 -3.37 -50.10	73.44 -4.60 -20.52	235.16 -16.41 -20.60	59.36 -2.58 -24.91	77.94 -3.06 -46.63	48.51 -2.46 -23.13
MCINTYRE_115KV_TB2 80467	-3.33 0.05 0.00	1.10 -0.02 0.00	0.61 -0.01 0.00	8.30 -0.11 0.00	9.70 -0.11 0.00	4.55 -0.05 0.00	14.49 -0.32 2.09	25.67 -0.44 0.00	26.61 -0.56 0.00	24.73 -0.61 0.00	14.89 -0.36 0.00	64.09 -2.07 -0.24	4.49 -0.14 -0.43	4.06 -0.14 -0.41	-0.46 0.04 -0.54	-1.81 0.12 -0.60	12.38 -0.52 -0.36	18.73 -0.71 -0.25	37.35 -1.27 -0.02	56.46 -1.06 0.00	228.07 -2.91 0.00	36.35 -0.68 0.00	33.53 -0.84 0.00	23.03 -0.70 4.12
MECO____69_KV_BK1 80468	39.65 -0.21 -43.23	35.38 0.06 -34.21	32.47 0.04 -31.81	30.79 0.46 -21.92	31.50 0.56 -21.14	30.58 0.28 -25.71	74.69 1.08 -56.72	50.42 1.25 -23.06	28.28 0.90 -0.21	26.40 1.06 0.00	31.83 0.41 -16.17	101.01 2.79 -32.30	34.59 0.04 -30.35	33.09 0.04 -29.27	37.34 -0.02 -38.40	40.27 -0.03 -42.83	38.48 0.24 -25.70	37.32 0.67 -17.45	41.60 1.48 -1.52	61.06 3.54 0.00	247.46 16.48 0.00	40.35 2.46 -0.86	36.40 2.04 0.00	32.38 1.55 -2.98

MENANDS__115KV_TB5 355628	37.96 -0.13 -41.47	33.98 0.05 -32.81	31.17 0.03 -30.52	29.79 0.36 -21.02	30.49 0.41 -20.27	29.44 0.18 -24.66	71.99 0.68 -54.41	49.21 1.01 -22.09	28.40 1.03 -0.20	26.32 0.98 0.00	31.38 0.62 -15.51	90.68 2.34 -22.41	32.76 0.17 -28.39	31.33 0.17 -27.38	34.83 -0.05 -35.92	37.41 -0.11 -40.06	37.12 0.55 -24.04	36.35 0.86 -16.30	41.64 1.65 -1.40	59.73 2.21 0.00	239.35 8.37 0.00	38.56 1.54 0.00	35.91 1.55 0.00	31.77 1.28 -2.65
MG INDUSTRY__DRP 24185	37.47 -0.13 -40.97	33.59 0.05 -32.43	30.81 0.03 -30.15	29.53 0.35 -20.77	30.25 0.41 -20.04	29.14 0.18 -24.37	71.34 0.68 -53.77	48.87 0.93 -21.83	28.26 0.89 -0.20	26.17 0.83 0.00	31.12 0.53 -15.33	89.96 1.93 -22.10	32.31 0.14 -27.96	30.89 0.14 -26.97	34.31 -0.04 -35.38	36.84 -0.09 -39.46	36.65 0.43 -23.68	35.94 0.69 -16.06	41.40 1.42 -1.37	59.56 2.04 0.00	238.88 7.90 0.00	38.44 1.41 0.00	35.79 1.42 0.00	31.69 1.17 -2.67
MID__OSWEGATCHIE_HYD 23849	-3.19 0.19 0.00	1.06 -0.05 0.00	0.58 -0.05 0.00	7.90 -0.50 0.00	9.23 -0.58 0.00	4.32 -0.28 0.00	11.63 -1.05 4.21	24.60 -1.51 0.00	25.59 -1.59 0.00	24.04 -1.30 0.00	14.34 -0.91 0.00	61.86 -4.53 -0.46	4.76 -0.28 -0.84	4.33 -0.27 -0.81	0.09 0.07 -1.06	-1.16 0.19 -1.18	12.31 -0.94 -0.71	18.40 -1.28 -0.48	36.37 -2.27 -0.04	55.13 -2.39 0.00	223.18 -7.80 0.00	35.22 -1.80 0.00	32.45 -1.92 0.00	17.78 -1.78 8.29
MID__RAQUETTE_HYD 23851	-3.23 0.15 0.00	1.07 -0.05 0.00	0.59 -0.03 0.00	8.03 -0.37 0.00	9.36 -0.44 0.00	4.37 -0.23 0.00	13.51 -0.92 2.46	24.76 -1.35 0.00	25.80 -1.37 0.00	24.31 -1.03 0.00	14.66 -0.59 0.00	63.11 -3.09 -0.27	4.49 -0.21 -0.50	4.04 -0.22 -0.48	-0.35 0.06 -0.63	-1.65 0.18 -0.70	12.14 -0.83 -0.42	18.31 -1.18 -0.29	36.38 -2.24 -0.03	54.70 -2.82 0.00	220.48 -10.50 0.00	35.09 -1.93 0.00	32.40 -1.97 0.00	21.40 -1.61 4.84
MILLIKEN__1 23584	-2.12 -0.02 -1.28	2.69 0.00 -1.58	1.59 -0.01 -0.98	10.01 -0.01 -1.62	12.12 0.02 -2.29	7.00 0.02 -2.38	20.81 0.13 -3.78	27.93 0.14 -1.68	28.63 0.19 -1.28	25.17 -0.17 0.00	15.52 -0.21 -0.48	50.00 0.11 16.03	9.26 -0.02 -5.07	9.50 -0.01 -5.73	6.05 0.01 -7.08	4.95 -0.01 -7.50	16.79 0.01 -4.24	22.62 0.04 -3.38	42.34 0.30 -3.44	61.55 1.03 -3.00	237.54 5.18 -1.39	38.08 0.68 -0.37	36.88 0.52 -1.99	27.67 0.40 0.57
MILLIKEN__2 23585	-2.12 -0.02 -1.28	2.69 0.00 -1.58	1.59 -0.01 -0.98	10.01 -0.01 -1.62	12.12 0.02 -2.29	7.00 0.02 -2.38	20.81 0.13 -3.78	27.93 0.14 -1.68	28.63 0.19 -1.28	25.17 -0.17 0.00	15.52 -0.21 -0.48	50.00 0.11 16.03	9.26 -0.02 -5.07	9.50 -0.01 -5.73	6.05 0.01 -7.08	4.95 -0.01 -7.50	16.79 0.01 -4.24	22.62 0.04 -3.38	42.34 0.30 -3.44	61.55 1.03 -3.00	237.54 5.18 -1.39	38.08 0.68 -0.37	36.88 0.52 -1.99	27.67 0.40 0.57
MILLIKEN__DIESEL 23629	-2.12 -0.02 -1.28	2.69 0.00 -1.58	1.59 -0.01 -0.98	10.01 -0.01 -1.62	12.12 0.02 -2.29	7.00 0.02 -2.38	20.81 0.13 -3.78	27.93 0.14 -1.68	28.63 0.19 -1.28	25.17 -0.17 0.00	15.52 -0.21 -0.48	50.00 0.11 16.03	9.26 -0.02 -5.07	9.50 -0.01 -5.73	6.05 0.01 -7.08	4.95 -0.01 -7.50	16.79 0.01 -4.24	22.62 0.04 -3.38	42.34 0.30 -3.44	61.55 1.03 -3.00	237.54 5.18 -1.39	38.08 0.68 -0.37	36.88 0.52 -1.99	27.67 0.40 0.57
MILLSEAT__LFGE 323607	-2.51 0.21 -0.66	0.43 -0.05 0.64	0.97 -0.06 -0.40	6.35 -0.41 1.64	6.28 -0.45 3.08	1.53 -0.17 2.89	13.00 -0.69 3.20	23.17 -1.19 1.75	23.77 -0.98 2.42	24.41 -0.93 0.00	14.96 -0.54 -0.25	19.63 -1.23 45.06	6.95 -0.21 -2.96	4.58 -0.17 -0.96	1.28 0.06 -2.26	0.99 0.12 -3.41	14.45 -0.71 -2.61	18.32 -1.24 -0.37	28.72 -2.03 7.84	49.18 -3.08 5.26	217.57 -10.35 3.06	25.63 -1.54 9.85	21.01 -1.49 11.87	12.57 -1.21 14.06
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	33.77 -0.22 -37.36	30.74 0.07 -29.56	28.16 0.05 -27.49	27.83 0.49 -18.94	28.63 0.56 -18.27	27.09 0.28 -22.22	67.04 1.13 -49.02	47.79 1.79 -19.90	29.42 2.07 -0.18	27.18 1.84 0.00	30.28 1.12 -13.90	91.41 5.83 -19.65	29.23 0.38 -24.64	27.86 0.31 -23.76	30.05 -0.08 -31.17	32.02 -0.22 -34.77	34.49 1.09 -20.86	35.01 1.66 -14.15	43.13 3.32 -1.21	62.25 4.72 0.00	249.60 18.62 0.00	40.06 3.03 0.00	37.23 2.86 0.00	32.60 2.37 -2.39
MILLWOOD_13_KV_LOAD 356217	33.77 -0.22 -37.36	30.75 0.07 -29.56	28.16 0.05 -27.49	27.85 0.50 -18.94	28.65 0.57 -18.27	27.10 0.29 -22.22	67.08 1.17 -49.02	47.83 1.83 -19.90	29.47 2.12 -0.18	27.22 1.88 0.00	30.29 1.14 -13.90	91.47 5.90 -19.65	29.23 0.39 -24.64	27.86 0.32 -23.76	30.05 -0.09 -31.17	32.02 -0.22 -34.77	34.51 1.10 -20.86	35.04 1.69 -14.15	43.20 3.39 -1.21	62.37 4.84 0.00	250.07 19.08 0.00	40.13 3.10 0.00	37.30 2.93 0.00	32.64 2.42 -2.39
MODEL_CITY_ENERGY 24167	-2.38 0.31 -0.69	0.09 -0.08 0.94	0.95 -0.08 -0.40	5.59 -0.64 2.17	5.07 -0.71 4.02	0.50 -0.31 3.79	11.34 -1.23 4.32	21.71 -2.09 2.31	22.40 -1.65 3.12	23.95 -1.38 0.00	14.74 -0.77 -0.26	14.52 -1.90 49.51	6.97 -0.27 -3.04	4.09 -0.21 -0.52	1.00 0.09 -1.95	0.93 0.16 -3.31	14.35 -0.90 -2.71	17.64 -1.63 -0.07	25.71 -2.92 9.97	46.09 -5.02 6.41	207.89 -19.19 3.91	22.46 -2.84 11.73	17.36 -2.54 14.46	9.33 -2.03 16.48
MODERN_LFGE__ 323580	-2.38 0.31 -0.69	0.09 -0.08 0.94	0.95 -0.08 -0.40	5.59 -0.64 2.17	5.07 -0.71 4.02	0.50 -0.31 3.79	11.34 -1.23 4.32	21.71 -2.09 2.31	22.40 -1.65 3.12	23.95 -1.38 0.00	14.74 -0.77 -0.26	14.52 -1.90 49.51	6.97 -0.27 -3.04	4.09 -0.21 -0.52	1.00 0.09 -1.95	0.93 0.16 -3.31	14.35 -0.90 -2.71	17.64 -1.63 -0.07	25.71 -2.92 9.97	46.09 -5.02 6.41	207.89 -19.19 3.91	22.46 -2.84 11.73	17.36 -2.54 14.46	9.33 -2.03 16.48
MOHAWK_PAPER__DRP 24187	37.99 -0.14 -41.51	34.01 0.05 -32.85	31.20 0.03 -30.55	29.83 0.38 -21.05	30.54 0.43 -20.30	29.48 0.20 -24.69	72.12 0.76 -54.47	49.33 1.11 -22.11	28.49 1.12 -0.20	26.41 1.07 0.00	31.44 0.66 -15.53	90.94 2.57 -22.44	32.81 0.18 -28.43	31.38 0.18 -27.42	34.88 -0.05 -35.97	37.46 -0.12 -40.12	37.19 0.58 -24.07	36.44 0.92 -16.32	41.82 1.83 -1.40	60.04 2.52 0.00	240.73 9.75 0.00	38.75 1.73 0.00	36.07 1.71 0.00	31.89 1.39 -2.65
MOHICAN__35_KV_115KV_LD 80490	38.45 -0.24 -42.07	34.48 0.08 -33.29	31.62 0.04 -30.96	30.31 0.57 -21.33	31.08 0.70 -20.57	29.96 0.34 -25.02	73.42 1.33 -55.20	50.38 1.86 -22.41	29.26 1.88 -0.20	27.22 1.88 0.00	32.02 1.03 -15.74	92.91 4.17 -22.82	33.39 0.24 -28.94	31.94 0.25 -27.91	35.51 -0.06 -36.62	38.14 -0.16 -40.84	37.88 0.84 -24.51	37.24 1.43 -16.62	43.23 3.20 -1.43	62.15 4.63 0.00	249.20 18.22 0.00	40.02 2.99 0.00	37.16 2.79 0.00	32.73 2.18 -2.70
MONGAUP__HYD 23641	32.43 -0.24 -36.05	29.70 0.07 -28.52	27.20 0.05 -26.53	27.21 0.52 -18.28	28.04 0.60 -17.62	26.32 0.28 -21.44	65.30 1.11 -47.30	46.94 1.64 -19.19	28.91 1.57 -0.17	26.78 1.44 0.00	29.51 0.86 -13.40	96.75 4.32 -26.50	27.98 0.28 -23.49	26.67 0.23 -22.66	28.62 -0.06 -29.72	30.45 -0.16 -33.15	33.25 0.82 -19.89	33.97 1.26 -13.51	42.32 2.50 -1.23	61.71 4.00 -0.18	247.69 16.71 0.00	40.52 2.72 -0.78	37.54 2.54 -0.64	33.58 2.09 -3.65

MONTAUK___DIESEL 23721	49.01 -0.21 -52.60	50.64 0.07 -49.46	44.16 0.06 -43.48	42.53 0.51 -33.62	38.60 0.52 -28.27	49.18 0.24 -44.34	71.14 1.02 -53.23	58.27 1.50 -30.66	58.93 1.74 -30.03	46.34 1.25 -19.75	52.60 0.63 -36.71	99.43 3.27 -30.24	47.22 0.25 -42.76	47.22 0.19 -43.25	52.74 -0.05 -53.83	53.91 -0.13 -56.59	55.88 0.72 -42.62	60.39 1.21 -39.99	89.18 2.75 -47.84	108.23 3.97 -46.74	301.72 16.11 -54.63	90.77 2.49 -51.26	50.92 2.33 -14.21	53.36 1.92 -23.60
MOONROAD_115KV_HARTFLD_TB1-2 355988	-2.36 0.24 -0.77	0.21 -0.09 0.81	1.01 -0.08 -0.47	5.72 -0.66 2.02	5.33 -0.68 3.79	0.65 -0.32 3.63	10.17 -1.09 5.64	21.57 -1.53 3.01	22.01 -1.19 3.97	24.12 -0.95 0.28	15.09 -0.45 -0.29	2.12 -1.59 62.22	7.34 -0.22 -3.36	3.75 -0.16 -0.14	0.85 0.08 -1.81	1.05 0.13 -3.46	14.69 -0.86 -3.01	17.65 -1.35 0.19	23.43 -2.53 12.64	45.93 -3.51 8.08	215.88 -10.15 4.95	19.83 -2.42 14.77	13.76 -2.35 18.25	4.96 -2.13 20.75
MORRIS_RIDGE___SOLAR 323848	-2.22 0.28 -0.87	-7.94 -0.10 8.96	0.50 -0.07 0.04	-8.29 -0.72 15.98	-18.97 -0.77 28.01	-22.40 -0.36 26.63	-12.62 -1.34 28.16	-20.01 -2.42 43.70	-14.97 -2.12 40.03	17.18 -2.01 6.16	14.44 -1.14 -0.32	-18.53 -2.68 81.78	7.06 -0.37 -3.22	-7.86 -0.30 11.34	-8.30 0.10 7.36	-4.21 0.21 1.89	14.92 -1.09 -3.47	10.79 -1.63 6.78	-18.10 -2.97 53.72	24.92 -3.98 28.61	195.41 -14.06 21.50	-9.82 -2.36 44.49	-31.74 -2.60 63.51	-30.51 -2.12 56.23
MORTIMER_115KV_TB3 55949	-2.66 0.12 -0.59	1.53 -0.05 -0.47	1.02 -0.04 -0.43	8.38 -0.32 -0.30	9.75 -0.34 -0.29	4.80 -0.14 -0.35	17.12 -0.55 -0.77	26.11 -0.81 -0.82	27.03 -0.61 -0.46	25.15 -0.47 -0.28	15.19 -0.28 -0.22	32.65 -0.61 32.66	6.86 -0.11 -2.76	6.39 -0.11 -2.72	2.53 0.03 -3.54	1.46 0.05 -3.94	14.50 -0.37 -2.34	19.96 -0.71 -1.48	37.16 -1.25 0.19	54.41 -1.93 1.19	224.55 -6.43 0.00	32.46 -1.09 3.47	30.38 -1.21 2.78	20.97 -0.93 5.95
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	33.83 -0.22 -37.43	30.81 0.07 -29.62	28.22 0.05 -27.55	27.89 0.51 -18.98	28.69 0.58 -18.30	27.15 0.29 -22.26	67.19 1.18 -49.12	47.92 1.87 -19.94	29.56 2.22 -0.18	27.34 2.00 0.00	30.39 1.20 -13.93	92.12 6.49 -19.71	29.34 0.42 -24.71	27.96 0.35 -23.83	30.13 -0.09 -31.26	32.10 -0.23 -34.87	34.65 1.19 -20.92	35.18 1.80 -14.19	43.38 3.57 -1.21	62.57 5.05 0.00	250.88 19.90 0.00	40.26 3.23 0.00	37.43 3.06 0.00	32.76 2.53 -2.39
MUNSVILLE_WIND_PWR 323609	1.07 -0.27 -4.71	5.31 0.04 -4.16	4.12 0.00 -3.49	11.81 0.28 -3.13	13.69 0.30 -3.58	8.76 0.13 -4.03	25.44 0.79 -7.75	30.00 1.05 -2.84	28.78 1.04 -0.56	25.64 0.52 0.22	16.96 -0.06 -1.77	87.52 -0.53 -22.13	12.02 0.02 -7.80	11.93 0.02 -8.13	9.32 0.01 -10.34	8.68 -0.04 -11.25	19.22 0.11 -6.57	24.62 0.51 -4.91	43.11 1.61 -2.90	64.23 4.39 -2.33	250.69 18.73 -0.98	42.36 1.99 -3.34	38.86 1.08 -3.42	33.62 0.83 -4.94
N SALMON___HYD 24042	-3.29 0.08 0.00	1.09 -0.02 0.00	0.61 -0.01 0.00	8.27 -0.14 0.00	9.66 -0.16 0.00	4.55 -0.05 0.00	16.15 -0.36 0.39	25.65 -0.46 0.00	26.62 -0.55 0.00	24.87 -0.48 0.00	15.02 -0.23 0.00	64.65 -1.27 0.00	4.13 -0.07 0.00	3.71 -0.08 0.00	-1.02 0.02 0.00	-2.47 0.07 0.00	12.22 -0.32 0.00	18.81 -0.39 0.00	37.99 -0.60 0.00	56.79 -0.73 0.00	228.91 -2.07 0.00	36.56 -0.47 0.00	33.64 -0.72 0.00	26.42 -0.66 0.77
N.AKRON__115KV_KNAPP 355671	-2.52 0.18 -0.67	0.33 -0.06 0.73	0.97 -0.06 -0.40	6.15 -0.45 1.80	5.96 -0.48 3.37	1.23 -0.20 3.16	12.56 -0.80 3.53	22.86 -1.34 1.92	23.51 -1.04 2.63	24.41 -0.92 0.00	14.96 -0.54 -0.25	18.50 -1.18 46.25	6.97 -0.21 -2.98	4.44 -0.16 -0.83	1.19 0.07 -2.16	0.96 0.12 -3.38	14.46 -0.72 -2.64	18.18 -1.29 -0.28	27.96 -2.16 8.47	48.47 -3.46 5.60	215.68 -11.99 3.31	24.84 -1.79 10.39	19.95 -1.80 12.63	11.77 -1.32 14.76
N.BELMOR_69_KV_BK1 55787	54.44 -0.27 -58.08	57.84 0.09 -56.64	49.93 0.06 -49.25	47.96 0.64 -38.92	42.41 0.73 -31.87	57.28 0.35 -52.33	72.98 1.41 -54.68	62.58 2.18 -34.29	69.30 2.63 -39.50	54.19 2.29 -26.55	61.19 1.38 -44.55	106.51 6.72 -33.86	53.64 0.46 -48.97	54.09 0.37 -49.93	60.46 -0.10 -61.60	61.28 -0.25 -64.07	63.89 1.26 -50.09	70.02 1.94 -48.88	106.45 3.97 -63.89	126.02 5.66 -62.84	326.99 22.58 -73.44	109.58 3.65 -68.90	56.87 3.39 -19.11	61.59 2.84 -30.90
N.E._GEN_SANDY PD 24062	37.36 -0.18 -40.91	35.97 0.06 -34.80	36.21 0.04 -35.55	33.19 0.44 -24.34	33.13 0.51 -22.81	52.77 0.24 -47.93	81.06 0.92 -63.25	52.25 1.39 -24.75	36.44 1.52 -7.75	31.94 1.42 -5.18	31.41 0.86 -15.29	90.90 3.71 -21.27	31.45 0.25 -26.99	30.27 0.24 -26.25	33.50 -0.06 -34.60	35.40 -0.16 -38.09	36.18 0.78 -22.86	39.70 1.20 -19.30	44.41 2.32 -3.49	60.70 3.18 0.00	234.83 12.11 8.27	45.17 2.16 -5.98	52.48 2.17 -15.94	48.69 1.80 -19.05
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	33.34 -0.22 -36.94	30.41 0.07 -29.23	27.86 0.05 -27.19	27.64 0.50 -18.73	28.45 0.58 -18.06	26.86 0.29 -21.97	66.54 1.17 -48.48	47.61 1.82 -19.67	29.42 2.08 -0.18	27.19 1.85 0.00	30.12 1.12 -13.74	98.40 5.90 -26.57	28.86 0.38 -24.28	27.51 0.31 -23.41	29.59 -0.09 -30.71	31.50 -0.22 -34.26	34.20 1.10 -20.55	34.83 1.67 -13.96	43.13 3.34 -1.19	62.48 4.79 -0.17	249.87 18.89 0.00	40.81 3.05 -0.73	37.85 2.89 -0.59	33.88 2.40 -3.63
N.QUEENS_27_KV_LOAD 356247	33.82 -0.24 -37.43	30.80 0.07 -29.62	28.21 0.04 -27.54	27.87 0.49 -18.97	28.66 0.55 -18.30	27.14 0.28 -22.26	67.13 1.13 -49.11	47.95 1.90 -19.93	29.66 2.31 -0.18	27.39 2.05 0.00	30.36 1.18 -13.93	92.04 6.41 -19.71	29.36 0.45 -24.71	27.95 0.34 -23.83	30.13 -0.09 -31.26	32.09 -0.24 -34.87	34.71 1.25 -20.92	35.28 1.89 -14.19	43.49 3.68 -1.21	62.61 5.09 0.00	251.38 20.40 0.00	40.45 3.42 0.00	37.62 3.25 0.00	32.92 2.68 -2.39
N.TROY___115KV_TB1 355778	38.19 -0.15 -41.72	34.18 0.05 -33.01	31.35 0.03 -30.70	29.94 0.39 -21.15	30.66 0.45 -20.40	29.62 0.21 -24.81	72.43 0.80 -54.74	49.50 1.17 -22.22	28.55 1.18 -0.20	26.48 1.14 0.00	31.53 0.67 -15.60	91.19 2.69 -22.58	32.99 0.18 -28.61	31.55 0.18 -27.59	35.10 -0.05 -36.19	37.71 -0.12 -40.37	37.36 0.60 -24.22	36.59 0.97 -16.43	41.97 1.97 -1.41	60.28 2.76 0.00	241.62 10.64 0.00	38.89 1.87 0.00	36.24 1.87 0.00	32.01 1.50 -2.67
NARROWS_GT1_1 24228	33.80 -0.26 -37.43	30.81 0.07 -29.62	28.22 0.06 -27.55	27.95 0.57 -18.98	28.76 0.64 -18.30	27.17 0.31 -22.26	67.28 1.27 -49.12	48.09 2.04 -19.94	29.74 2.39 -0.18	27.49 2.15 0.00	30.47 1.29 -13.93	92.48 6.84 -19.71	29.37 0.46 -24.71	27.97 0.36 -23.83	30.12 -0.10 -31.26	32.08 -0.25 -34.87	34.73 1.27 -20.92	35.31 1.92 -14.19	43.61 3.80 -1.21	62.93 5.41 0.00	252.47 21.49 -0.01	40.53 3.50 0.00	37.63 3.27 0.00	32.97 2.74 -2.39
NARROWS_GT1_2 24229	33.80 -0.26 -37.43	30.81 0.07 -29.62	28.22 0.06 -27.55	27.95 0.57 -18.98	28.76 0.64 -18.30	27.17 0.31 -22.26	67.28 1.27 -49.12	48.09 2.04 -19.94	29.74 2.39 -0.18	27.49 2.15 0.00	30.47 1.29 -13.93	92.48 6.84 -19.71	29.37 0.46 -24.71	27.97 0.36 -23.83	30.12 -0.10 -31.26	32.08 -0.25 -34.87	34.73 1.27 -20.92	35.31 1.92 -14.19	43.61 3.80 -1.21	62.93 5.41 0.00	252.47 21.49 -0.01	40.53 3.50 0.00	37.63 3.27 0.00	32.97 2.74 -2.39

NARROWS_GT1_3 24230	33.80 -0.26 -37.43	30.81 0.07 -29.62	28.22 0.06 -27.55	27.95 0.57 -18.98	28.76 0.64 -18.30	27.17 0.31 -22.26	67.28 1.27 -49.12	48.09 2.04 -19.94	29.74 2.39 -0.18	27.49 2.15 0.00	30.47 1.29 -13.93	92.48 6.84 -19.71	29.37 0.46 -24.71	27.97 0.36 -23.83	30.12 -0.10 -31.26	32.08 -0.25 -34.87	34.73 1.27 -20.92	35.31 1.92 -14.19	43.61 3.80 -1.21	62.93 5.41 0.00	252.47 21.49 -0.01	40.53 3.50 0.00	37.63 3.27 0.00	32.97 2.74 -2.39
NARROWS_GT1_4 24231	33.80 -0.26 -37.43	30.81 0.07 -29.62	28.22 0.06 -27.55	27.95 0.57 -18.98	28.76 0.64 -18.30	27.17 0.31 -22.26	67.28 1.27 -49.12	48.09 2.04 -19.94	29.74 2.39 -0.18	27.49 2.15 0.00	30.47 1.29 -13.93	92.48 6.84 -19.71	29.37 0.46 -24.71	27.97 0.36 -23.83	30.12 -0.10 -31.26	32.08 -0.25 -34.87	34.73 1.27 -20.92	35.31 1.92 -14.19	43.61 3.80 -1.21	62.93 5.41 0.00	252.47 21.49 -0.01	40.53 3.50 0.00	37.63 3.27 0.00	32.97 2.74 -2.39
NARROWS_GT1_5 24232	33.80 -0.26 -37.43	30.81 0.07 -29.62	28.22 0.06 -27.55	27.95 0.57 -18.98	28.76 0.64 -18.30	27.17 0.31 -22.26	67.28 1.27 -49.12	48.09 2.04 -19.94	29.74 2.39 -0.18	27.49 2.15 0.00	30.47 1.29 -13.93	92.48 6.84 -19.71	29.37 0.46 -24.71	27.97 0.36 -23.83	30.12 -0.10 -31.26	32.08 -0.25 -34.87	34.73 1.27 -20.92	35.31 1.92 -14.19	43.61 3.80 -1.21	62.93 5.41 0.00	252.47 21.49 -0.01	40.53 3.50 0.00	37.63 3.27 0.00	32.97 2.74 -2.39
NARROWS_GT1_6 24233	33.80 -0.26 -37.43	30.81 0.07 -29.62	28.22 0.06 -27.55	27.95 0.57 -18.98	28.76 0.64 -18.30	27.17 0.31 -22.26	67.28 1.27 -49.12	48.09 2.04 -19.94	29.74 2.39 -0.18	27.49 2.15 0.00	30.47 1.29 -13.93	92.48 6.84 -19.71	29.37 0.46 -24.71	27.97 0.36 -23.83	30.12 -0.10 -31.26	32.08 -0.25 -34.87	34.73 1.27 -20.92	35.31 1.92 -14.19	43.61 3.80 -1.21	62.93 5.41 0.00	252.47 21.49 -0.01	40.53 3.50 0.00	37.63 3.27 0.00	32.97 2.74 -2.39
NARROWS_GT1_7 24234	33.80 -0.26 -37.43	30.81 0.07 -29.62	28.22 0.06 -27.55	27.95 0.57 -18.98	28.76 0.64 -18.30	27.17 0.31 -22.26	67.28 1.27 -49.12	48.09 2.04 -19.94	29.74 2.39 -0.18	27.49 2.15 0.00	30.47 1.29 -13.93	92.48 6.84 -19.71	29.37 0.46 -24.71	27.97 0.36 -23.83	30.12 -0.10 -31.26	32.08 -0.25 -34.87	34.73 1.27 -20.92	35.31 1.92 -14.19	43.61 3.80 -1.21	62.93 5.41 0.00	252.47 21.49 -0.01	40.53 3.50 0.00	37.63 3.27 0.00	32.97 2.74 -2.39
NARROWS_GT1_8 24235	33.80 -0.26 -37.43	30.81 0.07 -29.62	28.22 0.06 -27.55	27.95 0.57 -18.98	28.76 0.64 -18.30	27.17 0.31 -22.26	67.28 1.27 -49.12	48.09 2.04 -19.94	29.74 2.39 -0.18	27.49 2.15 0.00	30.47 1.29 -13.93	92.48 6.84 -19.71	29.37 0.46 -24.71	27.97 0.36 -23.83	30.12 -0.10 -31.26	32.08 -0.25 -34.87	34.73 1.27 -20.92	35.31 1.92 -14.19	43.61 3.80 -1.21	62.93 5.41 0.00	252.47 21.49 -0.01	40.53 3.50 0.00	37.63 3.27 0.00	32.97 2.74 -2.39
NARROWS_GT2_1 24236	33.80 -0.26 -37.43	30.81 0.07 -29.62	28.22 0.06 -27.55	27.95 0.57 -18.98	28.76 0.64 -18.30	27.17 0.31 -22.26	67.28 1.27 -49.12	48.09 2.04 -19.94	29.74 2.39 -0.18	27.49 2.15 0.00	30.47 1.29 -13.93	92.48 6.84 -19.71	29.37 0.46 -24.71	27.97 0.36 -23.83	30.12 -0.10 -31.26	32.08 -0.25 -34.87	34.73 1.27 -20.92	35.31 1.92 -14.19	43.61 3.80 -1.21	62.93 5.41 0.00	252.47 21.49 -0.01	40.53 3.50 0.00	37	

NCHELSEA_115KV_TR2 355582	33.89 -0.23 -37.50	30.86 0.07 -29.67	28.27 0.05 -27.60	27.95 0.54 -19.01	28.76 0.62 -18.33	27.20 0.31 -22.30	67.33 1.23 -49.20	48.03 1.94 -19.98	29.65 2.30 -0.18	27.33 1.99 0.00	30.57 1.21 -14.11	91.75 5.79 -20.03	29.75 0.38 -25.17	28.37 0.32 -24.27	30.72 -0.09 -31.84	32.75 -0.22 -35.51	35.01 1.15 -21.31	35.45 1.81 -14.45	43.53 3.70 -1.24	62.88 5.36 0.00	252.13 21.15 0.00	40.45 3.43 0.00	37.55 3.18 0.00	32.86 2.58 -2.43
NEG CAPITAL___MECHNVIL 23645	38.37 -0.20 -41.95	34.37 0.06 -33.20	31.53 0.04 -30.87	30.16 0.49 -21.27	30.90 0.58 -20.51	29.82 0.28 -24.95	73.00 1.06 -55.05	49.99 1.53 -22.35	28.90 1.52 -0.20	26.83 1.49 0.00	31.80 0.86 -15.69	92.23 3.56 -22.74	33.25 0.22 -28.83	31.80 0.22 -27.81	35.38 -0.06 -36.48	38.00 -0.14 -40.69	37.68 0.73 -24.41	36.96 1.21 -16.55	42.58 2.56 -1.42	61.23 3.71 0.00	245.60 14.62 0.00	39.44 2.41 0.00	36.67 2.30 0.00	32.36 1.82 -2.69
NEG CENTRAL_HIGH_ACRES 23767	-2.61 0.18 -0.59	1.53 -0.05 -0.46	1.01 -0.04 -0.43	8.29 -0.41 -0.30	9.64 -0.46 -0.29	4.76 -0.19 -0.35	16.94 -0.72 -0.77	25.23 -1.11 -0.23	26.20 -0.98 0.00	24.65 -0.89 -0.20	14.93 -0.54 -0.22	36.67 -1.83 27.42	6.77 -0.17 -2.73	6.30 -0.16 -2.68	2.50 0.04 -3.49	1.45 0.09 -3.90	14.32 -0.53 -2.32	19.75 -0.92 -1.48	36.83 -1.63 0.14	54.10 -2.45 0.96	222.13 -8.85 0.00	32.60 -1.49 2.94	30.50 -1.51 2.36	21.57 -1.26 5.02
NEG CENTRAL___DRP 24199	-2.66 0.06 -0.65	2.30 -0.03 -1.21	1.13 -0.02 -0.53	9.73 -0.19 -1.51	11.98 -0.18 -2.35	6.88 -0.07 -2.35	19.97 -0.24 -3.31	27.68 -0.39 -1.96	28.71 -0.33 -1.87	25.13 -0.55 -0.34	15.14 -0.36 -0.25	35.18 -1.10 29.65	7.26 -0.09 -3.15	7.86 -0.07 -4.15	3.86 0.03 -4.87	2.45 0.05 -4.94	14.87 -0.28 -2.61	21.11 -0.45 -2.37	41.89 -0.73 -4.01	57.66 -0.70 -0.84	230.76 -1.92 -1.70	36.32 -0.36 0.36	35.76 -0.49 -1.89	25.24 -0.39 2.22
NEG CENTRAL___INDECK 23768	-2.49 0.10 -0.79	8.71 -0.04 -7.63	1.66 -0.04 -1.08	20.45 -0.27 -12.32	30.57 -0.25 -21.01	24.78 -0.09 -20.28	41.43 -0.34 -24.88	45.26 -0.74 -19.89	47.09 -0.57 -20.49	28.80 -0.77 -4.24	15.10 -0.46 -0.31	-0.41 -0.45 65.88	8.44 -0.17 -4.40	19.39 -0.12 -15.73	13.66 0.05 -14.65	8.82 0.09 -11.27	15.17 -0.50 -3.13	27.40 -0.82 -9.03	79.50 -1.29 -42.19	74.24 -1.24 -17.96	246.50 -1.77 -17.29	58.71 -0.32 -22.00	73.73 -0.66 -40.02	48.55 -0.66 -21.36
NEG CENTRAL___SENECA 23627	-2.59 0.08 -0.71	2.72 -0.04 -1.64	1.19 -0.03 -0.60	10.36 -0.24 -2.20	13.09 -0.23 -3.52	7.98 -0.09 -3.48	21.31 -0.33 -4.74	28.48 -0.54 -2.91	29.66 -0.43 -2.92	25.23 -0.66 -0.55	15.10 -0.42 -0.27	20.64 -1.45 43.83	7.47 -0.12 -3.39	8.71 -0.10 -5.03	4.68 0.04 -5.68	3.08 0.06 -5.55	14.94 -0.38 -2.78	21.45 -0.58 -2.84	43.99 -0.91 -6.30	57.90 -0.92 -1.30	230.78 -2.88 -2.68	36.37 -0.49 0.17	36.98 -0.71 -3.32	24.41 -0.55 2.88
NEG CENTRAL___STATE_STREET 24147	-2.67 0.02 -0.69	1.95 -0.01 -0.84	1.14 -0.01 -0.53	9.18 -0.08 -0.86	10.98 -0.05 -1.22	5.85 0.00 -1.26	18.85 -0.03 -1.99	26.88 -0.10 -0.87	27.77 -0.07 -0.67	25.06 -0.28 0.00	15.28 -0.23 -0.26	49.67 -0.50 15.75	7.34 -0.05 -3.18	7.27 -0.04 -3.53	3.36 0.01 -4.39	2.17 0.02 -4.69	15.14 -0.07 -2.67	21.07 -0.17 -2.04	40.04 -0.25 -1.69	58.27 0.14 -0.61	233.16 1.48 -0.70	36.55 0.14 0.62	34.80 0.06 -0.37	26.23 0.05 1.67
NEG MILLWOOD___DRP 24198	34.06 -0.23 -37.67	31.00 0.07 -29.81	28.39 0.05 -27.72	28.05 0.54 -19.10	28.85 0.63 -18.42	27.31 0.31 -22.40	67.59 1.26 -49.43	48.17 1.99 -20.07	29.65 2.30 -0.18	27.37 2.02 0.00	30.57 1.22 -14.09	91.90 5.99 -19.99	29.70 0.39 -25.10	28.32 0.33 -24.21	30.63 -0.09 -31.76	32.66 -0.23 -35.42	34.95 1.16 -21.26	35.41 1.80 -14.41	43.51 3.68 -1.23	62.80 5.28 0.00	251.86 20.88 0.00	40.40 3.37 0.00	37.51 3.14 0.00	32.82 2.55 -2.43
NEG NORTH_FLCN_SEA 23793	-3.34 0.04 0.00	1.10 -0.01 0.00	0.62 0.00 0.00	8.38 -0.03 0.00	9.78 -0.03 0.00	4.58 -0.02 0.00	16.23 -0.28 0.39	25.77 -0.34 0.00	26.69 -0.48 0.00	24.94 -0.40 0.00	15.06 -0.19 0.00	64.71 -1.22 0.00	4.17 -0.03 0.00	3.73 -0.05 0.00	-1.03 0.00 0.00	-2.49 0.05 0.00	12.34 -0.20 0.00	19.00 -0.19 0.00	38.24 -0.36 0.00	57.07 -0.45 0.00	229.89 -1.09 0.00	36.78 -0.25 0.00	33.85 -0.52 0.00	26.58 -0.50 0.77
NEG NORTH_KES_CHATEGAY 23792	-3.30 0.08 0.00	1.09 -0.02 0.00	0.61 -0.01 0.00	8.30 -0.11 0.00	9.68 -0.13 0.00	4.52 -0.07 0.00	16.04 -0.47 0.39	25.44 -0.67 0.00	26.38 -0.79 0.00	24.60 -0.74 0.00	14.85 -0.40 0.00	63.91 -2.01 0.00	4.11 -0.10 0.00	3.69 -0.09 0.00	-1.02 0.02 0.00	-2.46 0.08 0.00	12.17 -0.37 0.00	18.71 -0.48 0.00	37.79 -0.80 0.00	56.54 -0.98 0.00	227.71 -3.27 0.00	36.37 -0.66 0.00	33.50 -0.87 0.00	26.32 -0.76 0.77
NEG NORTH___ALICE_FALLS 23915	-3.34 0.04 0.00	1.10 -0.01 0.00	0.62 0.00 0.00	8.38 -0.03 0.00	9.78 -0.03 0.00	4.58 -0.01 0.00	16.25 -0.26 0.39	25.80 -0.31 0.00	26.71 -0.46 0.00	24.97 -0.37 0.00	15.08 -0.17 0.00	64.83 -1.09 0.00	4.17 -0.03 0.00	3.73 -0.05 0.00	-1.03 0.00 0.00	-2.49 0.05 0.00	12.33 -0.21 0.00	19.01 -0.19 0.00	38.23 -0.36 0.00	57.11 -0.41 0.00	230.12 -0.86 0.00	36.80 -0.22 0.00	33.88 -0.49 0.00	26.59 -0.49 0.77
NEG NORTH___LWR_SARANAC 23913	-3.34 0.04 0.00	1.10 -0.01 0.00	0.62 0.00 0.00	8.38 -0.03 0.00	9.78 -0.03 0.00	4.58 -0.01 0.00	16.25 -0.26 0.39	25.80 -0.31 0.00	26.71 -0.46 0.00	24.97 -0.37 0.00	15.08 -0.17 0.00	64.83 -1.09 0.00	4.17 -0.03 0.00	3.73 -0.05 0.00	-1.03 0.00 0.00	-2.49 0.05 0.00	12.33 -0.21 0.00	19.01 -0.19 0.00	38.23 -0.36 0.00	57.11 -0.41 0.00	230.12 -0.86 0.00	36.80 -0.22 0.00	33.88 -0.49 0.00	26.59 -0.49 0.77
NEG NORTH___PLATTSBURG 23628	-3.33 0.05 0.00	1.10 -0.01 0.00	0.62 0.00 0.00	8.38 -0.03 0.00	9.79 -0.02 0.00	4.58 -0.01 0.00	16.25 -0.25 0.39	25.80 -0.31 0.00	26.71 -0.46 0.00	24.97 -0.37 0.00	15.08 -0.17 0.00	64.86 -1.06 0.00	4.17 -0.03 0.00	3.73 -0.05 0.00	-1.03 0.00 0.00	-2.49 0.05 0.00	12.33 -0.21 0.00	19.01 -0.19 0.00	38.24 -0.36 0.00	57.10 -0.42 0.00	230.14 -0.84 0.00	36.81 -0.22 0.00	33.88 -0.49 0.00	26.59 -0.49 0.77
NEG WEST_LEA_LOCKPORT 23791	-2.46 0.23 -0.68	0.05 -0.08 0.98	0.95 -0.07 -0.40	5.57 -0.59 2.24	5.02 -0.64 4.14	0.41 -0.29 3.90	11.37 -1.14 4.39	21.91 -1.85 2.34	22.59 -1.42 3.16	24.17 -1.16 0.00	14.85 -0.66 -0.26	15.65 -1.51 48.77	6.98 -0.24 -3.02	4.06 -0.19 -0.47	0.94 0.08 -1.90	0.87 0.13 -3.27	14.41 -0.83 -2.69	17.74 -1.50 -0.04	25.83 -2.69 10.07	46.55 -4.52 6.44	210.40 -16.63 3.95	22.77 -2.54 11.72	17.40 -2.46 14.52	9.59 -1.82 16.43
NEG WEST___LANCASTR 23811	-2.40 0.21 -0.77	0.10 -0.07 0.94	1.01 -0.07 -0.46	5.61 -0.56 2.24	5.05 -0.59 4.16	0.38 -0.27 3.95	10.66 -1.03 5.21	21.76 -1.55 2.80	22.38 -1.08 3.71	24.07 -0.98 0.29	15.00 -0.54 -0.29	1.93 -1.48 62.52	7.36 -0.22 -3.38	3.99 -0.15 -0.35	1.03 0.08 -1.99	1.17 0.13 -3.57	14.81 -0.75 -3.02	17.92 -1.22 0.06	24.48 -2.26 11.86	46.26 -3.54 7.72	213.23 -13.12 4.64	20.67 -2.08 14.27	14.85 -2.08 17.45	6.01 -1.64 20.20

NEG_PENN_ALLEGHNY 23528	-1.68 0.05 -1.65	2.75 -0.02 -1.65	1.84 -0.02 -1.24	9.71 -0.12 -1.43	11.52 -0.12 -1.84	6.51 -0.05 -1.97	20.17 -0.09 -3.37	26.84 -0.16 -0.89	27.13 -0.10 -0.05	24.59 -0.26 0.49	15.65 -0.24 -0.64	136.97 0.57 -70.48	12.41 0.04 -8.18	12.01 0.03 -8.20	9.54 -0.01 -10.59	9.07 -0.02 -11.63	19.54 0.10 -6.90	24.51 0.18 -5.14	40.12 0.49 -1.03	59.70 0.84 -1.33	234.80 3.82 0.00	44.65 0.50 -7.12	39.91 0.39 -5.15	40.69 0.31 -12.54
NEG___GEN_MONROE 24207	-2.67 0.11 -0.59	1.54 -0.04 -0.47	1.02 -0.04 -0.44	8.41 -0.29 -0.30	9.80 -0.30 -0.29	4.83 -0.12 -0.35	17.20 -0.47 -0.78	26.19 -0.71 -0.80	27.08 -0.54 -0.45	25.11 -0.50 -0.27	15.17 -0.30 -0.22	32.13 -0.45 33.34	6.86 -0.12 -2.78	6.40 -0.11 -2.73	2.56 0.04 -3.56	1.49 0.06 -3.97	14.48 -0.41 -2.36	19.91 -0.77 -1.49	37.13 -1.27 0.20	54.47 -1.84 1.21	225.43 -5.55 0.00	32.55 -0.94 3.54	30.47 -1.07 2.84	20.96 -0.81 6.07
NEPA___ENERGY 23901	-2.44 0.16 -0.77	-0.07 -0.06 1.12	1.01 -0.06 -0.44	5.42 -0.43 2.55	4.68 -0.43 4.70	-0.06 -0.20 4.45	10.72 -0.70 5.47	22.10 -1.08 2.93	22.63 -0.67 3.87	24.42 -0.62 0.30	15.29 -0.26 -0.29	0.84 -1.74 63.35	7.48 -0.11 -3.39	3.95 -0.07 -0.24	0.92 0.05 -1.91	1.07 0.07 -3.54	15.05 -0.53 -3.04	18.20 -0.86 0.13	24.63 -1.61 12.36	47.11 -2.42 7.98	218.78 -7.37 4.83	20.83 -1.50 14.69	14.76 -1.57 18.03	5.89 -1.23 20.73
NEVERSINK___HYD 23608	30.87 -0.21 -34.45	28.43 0.05 -27.26	26.01 0.04 -25.35	26.31 0.44 -17.47	27.16 0.50 -16.84	25.33 0.25 -20.49	63.13 1.04 -45.20	46.10 1.63 -18.35	29.17 1.84 -0.17	26.84 1.50 0.00	29.10 0.88 -12.96	97.39 4.16 -27.31	27.55 0.25 -23.09	26.16 0.11 -22.27	28.15 -0.03 -29.21	29.96 -0.09 -32.59	32.59 0.50 -19.55	33.32 0.84 -13.29	41.78 1.94 -1.24	62.17 4.44 -0.20	248.73 17.74 0.00	40.74 2.81 -0.90	37.66 2.59 -0.70	33.73 2.10 -3.79
NEWKRMKL_115KV_TB1 55635	37.97 -0.12 -41.46	33.96 0.04 -32.81	31.16 0.03 -30.51	29.75 0.33 -21.02	30.44 0.36 -20.27	29.40 0.15 -24.66	71.88 0.59 -54.40	49.04 0.85 -22.08	28.23 0.85 -0.20	26.15 0.81 0.00	31.29 0.53 -15.51	90.20 1.86 -22.41	32.72 0.14 -28.38	31.29 0.14 -27.37	34.83 -0.04 -35.90	37.42 -0.09 -40.05	37.03 0.46 -24.03	36.22 0.73 -16.30	41.38 1.39 -1.40	59.34 1.82 0.00	237.88 6.90 0.00	38.33 1.30 0.00	35.67 1.30 0.00	31.58 1.09 -2.65
NEWTON___FALLS_HYD 23847	-3.19 0.19 0.00	1.06 -0.05 0.00	0.58 -0.05 0.00	7.90 -0.50 0.00	9.23 -0.58 0.00	4.32 -0.28 0.00	11.63 -1.05 4.21	24.60 -1.51 0.00	25.59 -1.59 0.00	24.04 -1.30 0.00	14.34 -0.91 0.00	61.86 -4.53 -0.46	4.76 -0.28 -0.84	4.33 -0.27 -0.81	0.09 0.07 -1.06	-1.16 0.19 -1.18	12.31 -0.94 -0.71	18.40 -1.28 -0.48	36.37 -2.27 -0.04	55.13 -2.39 0.00	223.18 -7.80 0.00	35.22 -1.80 0.00	32.45 -1.92 0.00	17.78 -1.78 8.29
NGRID_A1_DSASP 323792	-2.41 0.27 -0.69	0.05 -0.09 0.98	0.94 -0.08 -0.40	5.48 -0.68 2.24	4.92 -0.75 4.14	0.35 -0.34 3.91	10.99 -1.45 4.46	21.48 -2.25 2.39	22.23 -1.73 3.21	24.03 -1.31 0.00	14.77 -0.74 -0.26	13.79 -2.05 50.08	6.98 -0.27 -3.05	4.02 -0.22 -0.46	0.94 0.07 -1.91	0.89 0.13 -3.30	14.39 -0.87 -2.72	17.57 -1.66 -0.03	25.03 -3.35 10.22	45.24 -5.72 6.55	205.81 -21.15 4.02	21.64 -3.44 11.95	16.52 -3.07 14.77	8.92 -2.15 16.77
NGRID_A2_DSASP 323793	-2.41 0.27 -0.69	0.05 -0.09 0.98	0.94 -0.08 -0.40	5.48 -0.68 2.24	4.92 -0.75 4.14	0.35 -0.34 3.91	10.99 -1.45 4.46	21.48 -2.25 2.39	22.23 -1.73 3.21	24.03 -1.31 0.00	14.77 -0.74 -0.26	13.79 -2.05 50.08	6.98 -0.27 -3.05	4.02 -0.22 -0.46	0.94 0.07 -1.91	0.89 0.13 -3.30	14.39 -0.87 -2.72	17.57 -1.66 -0.03	25.03 -3.35 10.22	45.24 -5.72 6.55	205.81 -21.15 4.02	21.64 -3.44 11.95	16.52 -3.07 14.77	8.92 -2.15 16.77
NGRID_A4_DSASP 323807	-2.41 0.27 -0.69	0.05 -0.09 0.98	0.94 -0.08 -0.40	5.48 -0.68 2.24	4.92 -0.75 4.14	0.35 -0.34 3.91	10.99 -1.45 4.46	21.48 -2.25 2.39	22.23 -1.73 3.21	24.03 -1.31 0.00	14.77 -0.74 -0.26	13.79 -2.05 50.08	6.98 -0.27 -3.05	4.02 -0.22 -0.46	0.94 0.07 -1.91	0.89 0.13 -3.30	14.39 -0.87 -2.72	17.57 -1.66 -0.03	25.03 -3.35 10.22	45.24 -5.72 6.55	205.81 -21.15 4.02	21.64 -3.44 11.95	16.52 -3.07 14.77	8.92 -2.15 16.77
NIAGARA_115E_LBMP 323715	-2.36 0.33 -0.69	0.06 -0.08 0.97	0.94 -0.08 -0.40	5.50 -0.67 2.23	4.92 -0.76 4.13	0.38 -0.33 3.89	11.13 -1.30 4.46	21.50 -2.23 2.39	22.19 -1.77 3.21	23.85 -1.49 0.00	14.68 -0.83 -0.26	13.60 -2.11 50.21	6.97 -0.29 -3.05	4.03 -0.21 -0.47	0.97 0.09 -1.92	0.94 0.17 -3.31	14.32 -0.95 -2.73	17.52 -1.71 -0.04	25.29 -3.07 10.23	45.62 -5.33 6.56	206.24 -20.73 4.01	22.01 -3.05 11.97	16.87 -2.70 14.80	8.89 -2.15 16.81
NIAGARA_115W_LBMP 323714	-2.36 0.32 -0.69	0.06 -0.09 0.97	0.94 -0.08 -0.40	5.48 -0.69 2.23	4.91 -0.78 4.12	0.38 -0.34 3.88	10.99 -1.48 4.42	21.45 -2.29 2.37	22.18 -1.81 3.18	23.95 -1.39 0.00	14.74 -0.77 -0.26	13.87 -2.12 49.94	6.97 -0.28 -3.04	4.03 -0.23 -0.48	0.95 0.07 -1.92	0.90 0.14 -3.30	14.37 -0.89 -2.72	17.57 -1.67 -0.04	25.05 -3.40 10.15	45.18 -5.82 6.52	205.22 -21.76 4.00	21.62 -3.51 11.89	16.71 -2.97 14.69	8.92 -2.22 16.70
NIAGARA_230_LBMP 323716	-2.40 0.30 -0.68	0.13 -0.08 0.90	0.94 -0.07 -0.40	5.65 -0.65 2.10	5.17 -0.74 3.89	0.61 -0.32 3.66	11.44 -1.32 4.13	21.83 -2.05 2.23	22.58 -1.59 3.01	24.12 -1.22 0.00	14.84 -0.67 -0.26	15.19 -2.00 48.74	6.98 -0.24 -3.02	4.15 -0.22 -0.59	1.03 0.07 -1.99	0.91 0.13 -3.32	14.37 -0.85 -2.69	17.77 -1.55 -0.12	26.01 -2.99 9.59	46.43 -4.88 6.21	209.11 -18.10 3.76	22.74 -2.89 11.39	17.67 -2.69 14.00	9.66 -2.12 16.05
NIAGARA___115KV_198_GIBSON 55903	-2.41 0.28 -0.69	0.05 -0.09 0.97	0.94 -0.08 -0.40	5.48 -0.69 2.23	4.93 -0.76 4.12	0.37 -0.34 3.88	10.99 -1.48 4.42	21.44 -2.30 2.37	22.20 -1.78 3.18	23.98 -1.36 0.00	14.74 -0.77 -0.26	13.86 -2.12 49.94	6.97 -0.28 -3.04	4.03 -0.22 -0.48	0.95 0.07 -1.92	0.90 0.13 -3.30	14.37 -0.89 -2.72	17.55 -1.69 -0.04	25.01 -3.44 10.15	45.14 -5.86 6.52	205.22 -21.76 4.00	21.61 -3.53 11.89	16.54 -3.14 14.69	8.97 -2.18 16.70
NIAGARA____ 23760	-2.39 0.30 -0.69	0.10 -0.08 0.93	0.95 -0.07 -0.40	5.61 -0.65 2.14	5.11 -0.74 3.95	0.55 -0.32 3.73	11.36 -1.32 4.21	21.79 -2.05 2.27	22.53 -1.59 3.05	24.12 -1.22 0.00	14.84 -0.67 -0.26	14.83 -2.00 49.10	7.02 -0.24 -3.05	4.13 -0.22 -0.57	1.01 0.07 -1.98	0.94 0.13 -3.35	14.41 -0.85 -2.72	17.75 -1.55 -0.10	25.84 -2.99 9.77	46.30 -4.88 6.34	209.01 -18.10 3.86	22.53 -2.89 11.60	17.48 -2.69 14.20	9.48 -2.12 16.24
NINE_MILE_1 23575	-3.27 0.11 0.00	1.08 -0.03 0.00	0.60 -0.02 0.00	8.15 -0.26 0.00	9.52 -0.29 0.00	4.46 -0.13 0.00	16.42 -0.47 0.00	25.38 -0.73 0.00	26.45 -0.72 0.00	24.64 -0.70 0.00	14.81 -0.44 0.00	65.16 -1.64 -0.87	5.68 -0.11 -1.59	5.21 -0.10 -1.54	1.01 0.03 -2.02	-0.23 0.07 -2.25	13.53 -0.35 -1.35	19.51 -0.60 -0.91	37.46 -1.22 -0.08	55.70 -1.82 0.00	223.86 -7.12 0.00	35.91 -1.12 0.00	33.33 -1.04 0.00	27.10 -0.82 -0.08

NINE_MILE_2 23744	-3.27 0.10 0.00	1.08 -0.03 0.00	0.60 -0.02 0.00	8.15 -0.26 0.00	9.52 -0.29 0.00	4.46 -0.13 0.00	16.42 -0.47 0.00	25.39 -0.72 0.00	26.46 -0.72 0.00	24.64 -0.70 0.00	14.81 -0.44 0.00	65.16 -1.64 -0.87	5.68 -0.11 -1.59	5.21 -0.10 -1.53	1.00 0.03 -2.01	-0.23 0.07 -2.24	13.53 -0.35 -1.35	19.51 -0.59 -0.91	37.46 -1.22 -0.08	55.72 -1.80 0.00	223.87 -7.11 0.00	35.91 -1.12 0.00	33.33 -1.04 0.00	27.10 -0.82 -0.08
NM_CAPITAL___DRP 24208	37.91 -0.13 -41.42	33.94 0.05 -32.77	31.13 0.03 -30.48	29.75 0.35 -21.00	30.45 0.39 -20.25	29.40 0.17 -24.63	71.89 0.65 -54.34	49.13 0.96 -22.06	28.35 0.98 -0.20	26.28 0.94 0.00	31.33 0.59 -15.49	90.49 2.18 -22.38	32.70 0.16 -28.34	31.27 0.16 -27.33	34.78 -0.04 -35.85	37.35 -0.10 -39.99	37.06 0.52 -23.99	36.29 0.82 -16.27	41.55 1.56 -1.39	59.60 2.08 0.00	238.89 7.91 0.00	38.49 1.46 0.00	35.85 1.48 0.00	31.71 1.22 -2.64
NM_CENTRAL___DRP 24181	-3.33 0.05 0.00	1.09 -0.02 0.00	0.61 -0.02 0.00	8.26 -0.14 0.00	9.66 -0.15 0.00	4.53 -0.06 0.00	16.71 -0.18 0.00	25.88 -0.23 0.00	26.97 -0.20 0.00	25.09 -0.25 0.00	15.05 -0.20 0.00	66.74 -0.49 -1.30	6.53 -0.04 -2.37	6.03 -0.03 -2.28	1.96 0.01 -2.99	0.82 0.02 -3.34	14.44 -0.10 -2.00	20.36 -0.19 -1.36	38.37 -0.34 -0.12	57.12 -0.40 0.00	229.82 -1.16 0.00	36.78 -0.25 0.00	34.08 -0.29 0.00	27.73 -0.24 -0.13
NM_FRONTIER___DRP 24179	-2.41 0.28 -0.69	0.05 -0.09 0.97	0.94 -0.08 -0.40	5.48 -0.69 2.23	4.93 -0.76 4.12	0.37 -0.34 3.88	10.99 -1.48 4.42	21.44 -2.30 2.37	22.20 -1.78 3.18	23.98 -1.36 0.00	14.74 -0.77 -0.26	13.86 -2.12 49.94	6.97 -0.28 -3.04	4.03 -0.22 -0.48	0.95 0.07 -1.92	0.90 0.13 -3.30	14.37 -0.89 -2.72	17.55 -1.69 -0.04	25.01 -3.44 10.15	45.14 -5.86 6.52	205.22 -21.76 4.00	21.61 -3.53 11.89	16.54 -3.14 14.69	8.97 -2.18 16.70
NM_ST_REGIS___HYD 24053	-3.24 0.13 0.00	1.07 -0.04 0.00	0.60 -0.03 0.00	8.09 -0.31 0.00	9.44 -0.37 0.00	4.38 -0.22 0.00	13.54 -0.90 2.46	24.81 -1.30 0.00	25.84 -1.33 0.00	24.33 -1.00 0.00	14.66 -0.59 0.00	63.11 -3.09 -0.27	4.49 -0.21 -0.50	4.04 -0.22 -0.48	-0.35 0.06 -0.63	-1.65 0.18 -0.70	12.14 -0.83 -0.42	18.31 -1.18 -0.29	36.38 -2.24 -0.03	54.70 -2.82 0.00	220.48 -10.50 0.00	35.09 -1.93 0.00	32.40 -1.97 0.00	21.40 -1.61 4.84
NORTHPORT___1 23551	48.79 -0.26 -52.42	50.41 0.07 -49.23	43.97 0.06 -43.29	42.42 0.57 -33.45	38.61 0.65 -28.15	48.99 0.31 -44.08	71.36 1.29 -53.18	58.65 2.00 -30.55	59.31 2.42 -29.72	46.97 2.10 -19.54	52.94 1.23 -36.46	101.89 5.84 -30.12	47.19 0.42 -42.56	47.15 0.34 -43.03	52.45 -0.09 -53.58	53.59 -0.22 -56.35	55.98 1.05 -42.38	60.52 1.61 -39.71	89.24 3.31 -47.33	108.42 4.66 -46.23	303.40 18.39 -54.03	90.76 3.03 -50.70	51.34 2.92 -14.06	53.77 2.55 -23.37
NORTHPORT___2 23552	48.79 -0.26 -52.42	50.41 0.07 -49.23	43.97 0.06 -43.29	42.42 0.57 -33.45	38.61 0.65 -28.15	48.99 0.31 -44.08	71.36 1.29 -53.18	58.65 2.00 -30.55	59.31 2.42 -29.72	46.97 2.10 -19.54	52.94 1.23 -36.46	101.89 5.84 -30.12	47.19 0.42 -42.56	47.15 0.34 -43.03	52.45 -0.09 -53.58	53.59 -0.22 -56.35	55.98 1.05 -42.38	60.52 1.61 -39.71	89.24 3.31 -47.33	108.42 4.66 -46.23	303.40 18.39 -54.03	90.76 3.03 -50.70	51.34 2.92 -14.06	53.77 2.55 -23.37
NORTHPORT___3 23553	48.85 -0.26 -52.48	50.49 0.07 -49.31	44.04 0.06 -43.36	42.48 0.56 -33.51	38.65 0.65 -28.19	49.08 0.31 -44.17	71.36 1.27 -53.19	58.66 1.98 -30.57	59.37 2.41 -29.78	47.01 2.09 -19.58	53.00 1.23 -36.51	101.91 5.84 -30.14	47.23 0.42 -42.60	47.20 0.34 -43.07	52.50 -0.09 -53.63	53.64 -0.22 -56.40	56.02 1.05 -42.43	60.57 1.61 -39.77	89.33 3.30 -47.43	108.50 4.65 -46.34	303.38 18.25 -54.15	90.83 3.00 -50.81	51.35 2.89 -14.09	53.80 2.54 -23.41
NORTHPORT___4 23650	48.85 -0.26 -52.48	50.49 0.07 -49.31	44.04 0.06 -43.36	42.48 0.56 -33.51	38.65 0.65 -28.19	49.08 0.31 -44.17	71.36 1.27 -53.19	58.66 1.98 -30.57	59.37 2.41 -29.78	47.01 2.09 -19.58	53.00 1.23 -36.51	101.91 5.84 -30.14	47.23 0.42 -42.60	47.20 0.34 -43.07	52.50 -0.09 -53.63	53.64 -0.22 -56.40	56.02 1.05 -42.43	60.57 1.61 -39.77	89.33 3.30 -47.43	108.50 4.65 -46.34	303.38 18.25 -54.15	90.83 3.00 -50.81	51.35 2.89 -14.09	53.80 2.54 -23.41
NORTHPORT___IC 23718	48.80 -0.24 -52.42	50.41 0.08 -49.23	43.97 0.05 -43.29	42.42 0.57 -33.45	38.61 0.65 -28.15	48.99 0.32 -44.08	71.37 1.29 -53.18	58.65 2.00 -30.55	59.31 2.42 -29.72	46.97 2.10 -19.54	52.94 1.22 -36.46	101.85 5.80 -30.12	47.19 0.42 -42.56	47.15 0.34 -43.03	52.45 -0.09 -53.58	53.59 -0.22 -56.35	55.98 1.05 -42.38	60.52 1.61 -39.71	89.24 3.31 -47.33	108.43 4.67 -46.23	303.44 18.43 -54.03	90.75 3.03 -50.70	51.36 2.94 -14.06	53.76 2.55 -23.37
NORTH___COUNTRY_ESR 323785	-3.28 0.09 0.00	1.09 -0.02 0.00	0.61 -0.01 0.00	8.29 -0.12 0.00	9.67 -0.14 0.00	4.51 -0.08 0.00	16.01 -0.50 0.39	25.40 -0.71 0.00	26.32 -0.85 0.00	24.58 -0.77 0.00	14.84 -0.41 0.00	63.98 -1.95 0.00	4.11 -0.10 0.00	3.69 -0.09 0.00	-1.02 0.02 0.00	-2.46 0.08 0.00	12.17 -0.37 0.00	18.71 -0.49 0.00	37.71 -0.89 0.00	56.36 -1.16 0.00	226.91 -4.07 0.00	36.24 -0.79 0.00	33.39 -0.98 0.00	26.25 -0.83 0.77
NPX_GEN_1385_PROXY 323591	48.79 -0.26 -52.42	50.41 0.07 -49.23	43.97 0.06 -43.29	42.42 0.57 -33.45	38.61 0.65 -28.15	48.99 0.31 -44.08	71.36 1.29 -53.18	58.65 2.00 -30.55	59.31 2.42 -29.72	46.97 2.10 -19.54	51.22 1.23 -34.74	102.41 5.84 -30.65	47.19 0.42 -42.56	47.15 0.34 -43.03	52.45 -0.09 -53.58	53.59 -0.22 -56.35	55.98 1.05 -42.38	60.52 1.61 -39.71	89.24 3.31 -47.33	108.42 4.66 -46.23	303.40 18.39 -54.03	90.76 3.03 -50.70	51.34 2.92 -14.06	53.77 2.55 -23.37
NPX_GEN_CSC 323557	48.92 -0.29 -52.59	50.64 0.08 -49.45	44.16 0.06 -43.48	42.64 0.63 -33.61	38.80 0.72 -28.26	49.27 0.34 -44.33	71.49 1.37 -53.23	58.88 2.11 -30.66	59.65 2.46 -30.02	47.06 1.97 -19.74	51.33 1.09 -34.98	102.09 5.40 -30.76	47.34 0.39 -42.75	47.33 0.31 -43.24	52.70 -0.09 -53.82	53.83 -0.21 -56.58	56.21 1.06 -42.61	60.85 1.68 -39.99	90.03 3.61 -47.82	109.45 5.21 -46.73	306.55 20.96 -54.61	91.63 3.36 -51.24	51.74 3.17 -14.21	54.10 2.66 -23.59
NSINS_S_GLNS_FALLS 23858	38.47 -0.24 -42.08	34.49 0.08 -33.30	31.63 0.04 -30.97	30.32 0.58 -21.33	31.08 0.70 -20.57	29.97 0.34 -25.03	73.44 1.33 -55.21	50.38 1.86 -22.42	29.26 1.89 -0.20	27.21 1.87 0.00	32.03 1.03 -15.74	92.95 4.20 -22.83	33.40 0.24 -28.95	31.95 0.25 -27.93	35.53 -0.06 -36.64	38.16 -0.16 -40.86	37.89 0.84 -24.52	37.25 1.42 -16.62	43.20 3.17 -1.43	62.11 4.59 0.00	249.08 18.10 0.00	39.98 2.95 0.00	37.12 2.76 0.00	32.70 2.15 -2.70
NUCOR_STEEL___DRP 24197	-2.70 0.01 -0.66	1.63 -0.01 -0.52	1.10 -0.01 -0.49	8.66 -0.08 -0.33	10.09 -0.05 -0.32	4.99 0.00 -0.39	17.73 -0.03 -0.87	26.35 -0.09 -0.33	27.10 -0.07 0.00	25.07 -0.26 0.00	15.28 -0.22 -0.25	52.76 -0.44 12.72	7.22 -0.04 -3.05	6.69 -0.04 -2.95	2.84 0.01 -3.86	1.79 0.01 -4.31	15.07 -0.06 -2.59	20.75 -0.16 -1.71	38.37 -0.24 -0.01	57.57 0.16 0.10	232.47 1.49 0.00	35.70 0.14 1.47	33.24 0.07 1.20	25.47 0.06 2.44

NUMBER_THREE_WT_PWR 323818	-3.20 0.17 0.00	1.08 -0.03 0.00	0.57 -0.05 0.00	7.91 -0.49 0.00	9.24 -0.57 0.00	4.34 -0.26 0.00	8.53 -0.88 7.48	24.91 -1.20 0.00	25.84 -1.33 0.00	24.26 -1.07 0.00	14.29 -0.97 0.00	61.69 -4.86 -0.63	5.07 -0.28 -1.14	4.64 -0.24 -1.10	0.47 0.06 -1.45	-0.77 0.15 -1.61	12.73 -0.78 -0.97	18.83 -1.02 -0.66	37.08 -1.57 -0.06	56.62 -0.90 0.00	230.03 -0.95 0.00	35.97 -1.06 0.00	33.03 -1.34 0.00	11.50 -1.57 14.78
NYISO_LBMP_REFERENCE 24008	-3.38 0.00 0.00	1.11 0.00 0.00	0.62 0.00 0.00	8.40 0.00 0.00	9.81 0.00 0.00	4.60 0.00 0.00	16.89 0.00 0.00	26.11 0.00 0.00	27.17 0.00 0.00	25.34 0.00 0.00	15.25 0.00 0.00	65.93 0.00 0.00	4.21 0.00 0.00	3.78 0.00 0.00	-1.04 0.00 0.00	-2.54 0.00 0.00	12.54 0.00 0.00	19.19 0.00 0.00	38.60 0.00 0.00	57.52 0.00 0.00	230.98 0.00 0.00	37.03 0.00 0.00	34.37 0.00 0.00	27.84 0.00 0.00
NYPA_BRENTWD____GT 24164	49.24 -0.30 -52.91	51.06 0.08 -49.87	44.49 0.06 -43.81	42.98 0.66 -33.92	39.04 0.75 -28.47	49.75 0.36 -44.80	71.65 1.45 -53.30	59.20 2.27 -30.82	60.28 2.68 -30.44	47.67 2.29 -20.04	53.62 1.32 -37.04	102.58 6.26 -30.39	47.67 0.44 -43.02	47.67 0.36 -43.53	53.03 -0.10 -54.16	54.13 -0.24 -56.91	56.65 1.18 -42.94	61.35 1.78 -40.37	90.76 3.64 -48.52	110.09 5.14 -47.43	307.01 20.60 -55.43	92.39 3.35 -52.01	52.13 3.34 -14.42	54.61 2.85 -23.91
NYPA_GOWANUS____GT5 24156	33.80 -0.26 -37.43	30.81 0.07 -29.62	28.22 0.06 -27.55	27.95 0.57 -18.98	28.76 0.64 -18.30	27.17 0.31 -22.26	67.28 1.27 -49.12	48.09 2.04 -19.94	29.74 2.39 -0.18	27.49 2.15 0.00	30.47 1.29 -13.93	92.48 6.84 -19.71	29.37 0.46 -24.71	27.97 0.36 -23.83	30.12 -0.10 -31.26	32.08 -0.25 -34.87	34.73 1.27 -20.92	35.31 1.92 -14.19	43.61 3.80 -1.21	62.93 5.41 0.00	252.47 21.49 -0.01	40.53 3.50 0.00	37.63 3.27 0.00	32.97 2.74 -2.39
NYPA_GOWANUS____GT6 24157	33.80 -0.26 -37.43	30.81 0.07 -29.62	28.22 0.06 -27.55	27.95 0.57 -18.98	28.76 0.64 -18.30	27.17 0.31 -22.26	67.28 1.27 -49.12	48.09 2.04 -19.94	29.74 2.39 -0.18	27.49 2.15 0.00	30.47 1.29 -13.93	92.48 6.84 -19.71	29.37 0.46 -24.71	27.97 0.36 -23.83	30.12 -0.10 -31.26	32.08 -0.25 -34.87	34.73 1.27 -20.92	35.31 1.92 -14.19	43.61 3.80 -1.21	62.93 5.41 0.00	252.47 21.49 -0.01	40.53 3.50 0.00	37.63 3.27 0.00	32.97 2.74 -2.39
NYPA_HARLEM__RVR__GT1 24160	33.81 -0.25 -37.43	30.79 0.07 -29.61	28.20 0.05 -27.53	27.86 0.49 -18.97	28.65 0.55 -18.29	27.14 0.28 -22.26	67.11 1.11 -49.10	47.92 1.87 -19.93	29.60 2.25 -0.18	27.35 2.01 0.00	30.34 1.16 -13.93	91.89 6.25 -19.71	29.35 0.44 -24.71	27.94 0.33 -23.83	30.13 -0.09 -31.26	32.09 -0.23 -34.87	34.67 1.21 -20.92	35.21 1.83 -14.19	43.38 3.57 -1.21	62.46 4.94 0.00	250.81 19.83 0.00	40.34 3.31 0.00	37.47 3.10 0.00	32.86 2.62 -2.39
NYPA_HARLEM__RVR__GT2 24161	33.81 -0.25 -37.43	30.79 0.07 -29.61	28.20 0.05 -27.53	27.86 0.49 -18.97	28.65 0.55 -18.29	27.14 0.28 -22.26	67.11 1.11 -49.10	47.92 1.87 -19.93	29.60 2.25 -0.18	27.35 2.01 0.00	30.34 1.16 -13.93	91.89 6.25 -19.71	29.35 0.44 -24.71	27.94 0.33 -23.83	30.13 -0.09 -31.26	32.09 -0.23 -34.87	34.67 1.21 -20.92	35.21 1.83 -14.19	43.38 3.57 -1.21	62.46 4.94 0.00	250.81 19.83 0.00	40.34 3.31 0.00	37.47 3.10 0.00	32.86 2.62 -2.39
NYPA_KENT____GT 24152	33.80 -0.26 -37.43	30.81 0.07 -29.62	28.22 0.05 -27.55	27.94 0.55 -18.98	28.74 0.62 -18.30	27.16 0.31 -22.26	67.23 1.22 -49.12	48.03 1.98 -19.94	29.69 2.34 -0.18	27.45 2.11 0.00	30.45 1.27 -13.93	92.37 6.73 -19.71	29.36 0.45 -24.71	27.97 0.36 -23.83	30.13 -0.10 -31.26	32.09 -0.24 -34.87	34.71 1.25 -20.92	35.27 1.89 -14.19	43.54 3.73 -1.21	62.77 5.25 0.00	251.69 20.71 0.00	40.42 3.39 0.00	37.55 3.18 0.00	32.90 2.66 -2.39
NYPA_POUCH1____GT 24155	33.79 -0.27 -37.43	30.81 0.08 -29.62	28.22 0.06 -27.55	27.99 0.60 -18.98	28.80 0.69 -18.30	27.18 0.33 -22.26	67.31 1.30 -49.12	48.12 2.08 -19.94	29.75 2.40 -0.18	27.48 2.14 0.00	30.46 1.28 -13.93	92.42 6.78 -19.71	29.36 0.45 -24.71	27.97 0.36 -23.83	30.12 -0.10 -31.26	32.08 -0.25 -34.87	34.72 1.26 -20.92	35.29 1.91 -14.19	43.59 3.78 -1.21	62.94 5.42 0.00	252.77 21.78 -0.01	40.58 3.55 0.00	37.66 3.30 0.00	33.00 2.77 -2.39
NYPA_VERNON____GT2 24162	33.81 -0.25 -37.43	30.80 0.07 -29.62	28.22 0.05 -27.55	27.92 0.54 -18.98	28.72 0.60 -18.30	27.16 0.30 -22.26	67.20 1.18 -49.12	47.96 1.91 -19.94	29.64 2.29 -0.18	27.42 2.08 0.00	30.43 1.24 -13.93	92.23 6.59 -19.71	29.35 0.44 -24.71	27.96 0.35 -23.83	30.13 -0.09 -31.26	32.09 -0.24 -34.87	34.68 1.22 -20.92	35.24 1.85 -14.19	43.46 3.65 -1.21	62.60 5.08 0.00	250.96 19.97 0.00	40.31 3.28 0.00	37.46 3.09 0.00	32.83 2.59 -2.39
NYPA_VERNON____GT3 24163	33.81 -0.25 -37.43	30.80 0.07 -29.62	28.22 0.05 -27.55	27.92 0.54 -18.98	28.72 0.60 -18.30	27.16 0.30 -22.26	67.20 1.18 -49.12	47.96 1.91 -19.94	29.64 2.29 -0.18	27.42 2.08 0.00	30.43 1.24 -13.93	92.23 6.59 -19.71	29.35 0.44 -24.71	27.96 0.35 -23.83	30.13 -0.09 -31.26	32.09 -0.24 -34.87	34.68 1.22 -20.92	35.24 1.85 -14.19	43.46 3.65 -1.21	62.60 5.08 0.00	250.96 19.97 0.00	40.31 3.28 0.00	37.46 3.09 0.00	32.83 2.59 -2.39
NYPA__ASTORIA_CC1 323568	33.81 -0.25 -37.43	30.80 0.07 -29.62	28.22 0.05 -27.55	27.91 0.53 -18.98	28.71 0.60 -18.30	27.16 0.30 -22.26	67.17 1.16 -49.12	47.94 1.89 -19.94	29.62 2.27 -0.18	27.40 2.06 0.00	30.41 1.22 -13.93	92.13 6.50 -19.71	29.35 0.44 -24.71	27.96 0.35 -23.83	30.13 -0.09 -31.26	32.10 -0.23 -34.87	34.67 1.21 -20.92	35.21 1.82 -14.19	43.39 3.58 -1.21	62.53 5.01 0.00	250.73 19.74 0.00	40.27 3.24 0.00	37.41 3.04 0.00	32.80 2.56 -2.39
NYPA__ASTORIA_CC2 323569	33.81 -0.25 -37.43	30.80 0.07 -29.62	28.22 0.05 -27.55	27.91 0.53 -18.98	28.71 0.60 -18.30	27.16 0.30 -22.26	67.17 1.16 -49.12	47.94 1.89 -19.94	29.62 2.27 -0.18	27.40 2.06 0.00	30.41 1.22 -13.93	92.13 6.50 -19.71	29.35 0.44 -24.71	27.96 0.35 -23.83	30.13 -0.09 -31.26	32.10 -0.23 -34.87	34.67 1.21 -20.92	35.21 1.82 -14.19	43.39 3.58 -1.21	62.53 5.01 0.00	250.73 19.74 0.00	40.27 3.24 0.00	37.41 3.04 0.00	32.80 2.56 -2.39
NYPA__HOLTSVILL 23794	48.92 -0.28 -52.57	50.62 0.07 -49.43	44.14 0.06 -43.45	42.61 0.61 -33.60	38.77 0.70 -28.25	49.24 0.33 -44.31	71.44 1.32 -53.22	58.81 2.05 -30.65	59.60 2.45 -29.99	47.12 2.06 -19.73	53.10 1.17 -36.68	101.76 5.61 -30.22	47.34 0.40 -42.74	47.32 0.32 -43.22	52.68 -0.09 -53.80	53.81 -0.22 -56.56	56.20 1.07 -42.59	60.82 1.67 -39.96	89.89 3.52 -47.78	109.23 5.03 -46.68	305.67 20.13 -54.56	91.47 3.25 -51.19	51.63 3.07 -14.19	54.03 2.61 -23.57
NYPA__HELLGATE_GT1 24158	33.81 -0.25 -37.43	30.80 0.07 -29.62	28.22 0.05 -27.55	27.87 0.49 -18.98	28.66 0.55 -18.30	27.14 0.28 -22.26	67.12 1.11 -49.12	47.92 1.87 -19.93	29.60 2.25 -0.18	27.35 2.01 0.00	30.34 1.16 -13.93	91.89 6.25 -19.71	29.35 0.44 -24.71	27.94 0.33 -23.83	30.13 -0.09 -31.26	32.09 -0.23 -34.87	34.67 1.21 -20.92	35.21 1.83 -14.19	43.38 3.57 -1.21	62.45 4.93 0.00	250.63 19.65 0.00	40.32 3.29 0.00	37.47 3.10 0.00	32.86 2.62 -2.39

OSWEGATCHIE___HYD 24044	-3.18 0.19 0.00	1.07 -0.05 0.00	0.58 -0.05 0.00	7.90 -0.50 0.00	9.23 -0.58 0.00	4.32 -0.28 0.00	11.64 -1.05 4.21	24.61 -1.50 0.00	25.59 -1.58 0.00	24.05 -1.29 0.00	14.34 -0.91 0.00	61.89 -4.50 -0.46	4.76 -0.28 -0.84	4.33 -0.27 -0.81	0.09 0.07 -1.06	-1.16 0.19 -0.18	12.31 -0.94 -0.71	18.40 -1.28 -0.48	36.37 -2.27 -0.04	55.13 -2.39 0.00	223.19 -7.79 0.00	35.23 -1.80 0.00	32.44 -1.92 0.00	17.78 -1.78 8.29
OSWEGO___5 23606	-3.29 0.09 0.00	1.09 -0.03 0.00	0.60 -0.02 0.00	8.19 -0.21 0.00	9.57 -0.24 0.00	4.49 -0.11 0.00	16.52 -0.37 0.00	25.53 -0.58 0.00	26.61 -0.56 0.00	24.77 -0.56 0.00	14.89 -0.36 0.00	65.69 -1.26 -1.02	5.97 -0.09 -1.85	5.48 -0.08 -1.79	1.33 0.02 -2.34	0.13 0.05 -2.61	13.83 -0.28 -1.57	19.79 -0.47 -1.06	37.74 -0.95 -0.09	56.14 -1.38 0.00	225.71 -5.27 0.00	36.18 -0.85 0.00	33.57 -0.80 0.00	27.31 -0.64 -0.10
OSWEGO___6 23613	-3.29 0.09 0.00	1.09 -0.03 0.00	0.60 -0.02 0.00	8.19 -0.21 0.00	9.57 -0.24 0.00	4.49 -0.11 0.00	16.52 -0.37 0.00	25.53 -0.58 0.00	26.61 -0.56 0.00	24.77 -0.56 0.00	14.89 -0.36 0.00	65.69 -1.26 -1.02	5.97 -0.09 -1.85	5.48 -0.08 -1.79	1.33 0.02 -2.34	0.13 0.05 -2.61	13.83 -0.28 -1.57	19.79 -0.47 -1.06	37.74 -0.95 -0.09	56.14 -1.38 0.00	225.71 -5.27 0.00	36.18 -0.85 0.00	33.57 -0.80 0.00	27.31 -0.64 -0.10
OUTOKUMPU-AB___DRP 24206	-2.46 0.21 -0.70	-0.04 -0.07 1.08	0.96 -0.07 -0.40	5.43 -0.55 2.42	4.77 -0.58 4.46	0.13 -0.26 4.21	10.96 -1.06 4.88	21.83 -1.68 2.59	22.49 -1.21 3.46	24.43 -0.91 0.00	15.02 -0.50 -0.26	13.14 -0.98 51.81	7.08 -0.15 -3.09	3.93 -0.15 -0.30	0.83 0.06 -1.80	0.84 0.10 -3.27	14.62 -0.69 -2.76	17.83 -1.30 0.07	25.14 -2.43 11.02	46.38 -4.14 6.99	211.83 -14.84 4.31	22.00 -2.37 12.66	16.34 -2.27 15.76	8.53 -1.62 17.70
OXBOW___BTM 323836	-2.40 0.28 -0.69	0.01 -0.08 1.03	0.95 -0.07 -0.40	5.47 -0.60 2.33	4.84 -0.66 4.30	0.25 -0.28 4.06	11.02 -1.21 4.67	21.72 -1.90 2.49	22.40 -1.43 3.34	24.26 -1.08 0.00	14.93 -0.58 -0.26	13.56 -1.41 50.95	7.05 -0.17 -3.07	3.99 -0.17 -0.38	0.88 0.06 -1.86	0.86 0.11 -3.28	14.55 -0.73 -2.74	17.78 -1.40 0.02	25.26 -2.72 10.62	46.06 -4.68 6.77	209.62 -17.20 4.15	21.97 -2.75 12.31	16.70 -2.40 15.27	8.78 -1.83 17.24
OXBOW___ 24026	-2.44 0.24 -0.69	0.01 -0.08 1.03	0.95 -0.07 -0.40	5.47 -0.60 2.33	4.86 -0.64 4.30	0.25 -0.29 4.06	11.02 -1.20 4.67	21.72 -1.90 2.49	22.43 -1.41 3.34	24.28 -1.05 0.00	14.93 -0.58 -0.26	13.62 -1.35 50.95	7.05 -0.22 -3.07	3.99 -0.17 -0.38	0.88 0.06 -1.86	0.86 0.11 -3.28	14.56 -0.73 -2.74	17.77 -1.41 0.02	25.23 -4.72 10.62	46.03 -4.72 6.77	209.70 -17.12 4.15	21.96 -2.76 12.31	16.55 -2.55 15.27	8.82 -1.78 17.24
OXY_CHEM_DSASP 323612	-2.41 0.27 -0.69	0.05 -0.09 0.98	0.94 -0.08 -0.40	5.48 -0.68 2.24	4.92 -0.75 4.14	0.35 -0.34 3.91	10.99 -1.45 4.46	21.48 -2.25 2.39	22.23 -1.73 3.21	24.03 -1.31 0.00	14.77 -0.74 -0.26	13.79 -2.05 50.08	6.98 -0.27 -3.05	4.02 -0.22 -0.46	0.94 0.07 -1.91	0.89 0.13 -3.30	14.39 -0.87 -2.72	17.57 -1.66 -0.03	25.03 -3.35 10.22	45.24 -5.72 6.55	205.81 -21.15 4.02	21.64 -3.44 11.95	16.52 -3.07 14.77	8.92 -2.15 16.77
OZONE_PARK_ESR 323760	33.81 -0.25 -37.43	30.81 0.08 -29.62	28.22 0.05 -27.55	27.95 0.57 -18.98	28.76 0.64 -18.30	27.18 0.32 -22.26	67.32 1.31 -49.12	48.15 2.10 -19.93	29.80 2.46 -0.18	27.56 2.21 0.00	30.51 1.32 -13.93	92.73 7.09 -19.71	29.37 0.46 -24.71	27.99 0.38 -23.83	30.12 -0.10 -31.26	32.08 -0.25 -34.87	34.76 1.30 -20.92	35.35 1.97 -14.19	43.73 3.92 -1.21	63.09 5.57 0.00	253.07 22.09 0.00	40.60 3.58 0.00	37.74 3.37 0.00	33.01 2.77 -2.39
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	-2.41 0.27 -0.69	0.05 -0.09 0.98	0.94 -0.08 -0.40	5.48 -0.68 2.24	4.92 -0.75 4.14	0.35 -0.34 3.91	10.99 -1.45 4.46	21.48 -2.25 2.39	22.23 -1.73 3.21	24.03 -1.31 0.00	14.77 -0.74 -0.26	13.79 -2.05 50.08	6.98 -0.27 -3.05	4.02 -0.22 -0.46	0.94 0.07 -1.91	0.89 0.13 -3.30	14.39 -0.87 -2.72	17.57 -1.66 -0.03	25.03 -3.35 10.22	45.24 -5.72 6.55	205.81 -21.15 4.02	21.64 -3.44 11.95	16.52 -3.07 14.77	8.92 -2.15 16.77
PACKARD___115KV_DUPONT_184 80571	-2.37 0.32 -0.69	0.05 -0.08 0.98	0.94 -0.08 -0.40	5.48 -0.68 2.24	4.90 -0.77 4.14	0.36 -0.33 3.91	10.99 -1.45 4.46	21.48 -2.24 2.39	22.21 -1.75 3.21	24.00 -1.34 0.00	14.77 -0.74 -0.26	13.80 -2.05 50.08	6.98 -0.27 -3.05	4.02 -0.22 -0.46	0.94 0.07 -1.91	0.89 0.13 -3.30	14.39 -0.87 -2.72	17.59 -1.64 -0.03	25.06 -3.32 10.22	45.29 -5.68 6.55	205.76 -21.20 4.02	21.66 -3.42 11.95	16.69 -2.91 14.77	8.88 -2.19 16.77
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	33.82 -0.24 -37.43	30.81 0.07 -29.62	28.22 0.05 -27.55	27.90 0.52 -18.98	28.69 0.58 -18.30	27.15 0.29 -22.26	67.19 1.17 -49.12	47.96 1.92 -19.94	29.59 2.24 -0.18	27.33 1.99 0.00	30.35 1.16 -13.93	91.87 6.23 -19.71	29.33 0.42 -24.71	27.94 0.32 -23.83	30.13 -0.09 -31.26	32.10 -0.23 -34.87	34.63 1.18 -20.92	35.17 1.79 -14.19	43.31 3.50 -1.21	62.41 4.89 0.00	250.53 19.55 0.00	40.28 3.26 0.00	37.42 3.05 0.00	32.76 2.53 -2.39
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	33.74 -0.32 -37.43	30.84 0.10 -29.62	28.23 0.06 -27.55	28.11 0.73 -18.98	28.94 0.83 -18.30	27.27 0.41 -22.26	67.70 1.69 -49.12	48.74 2.70 -19.94	30.30 2.96 -0.18	28.00 2.66 0.00	30.74 1.56 -13.93	93.55 7.92 -19.71	29.43 0.52 -24.71	28.03 0.42 -23.83	30.11 -0.11 -31.26	32.05 -0.28 -34.87	34.93 1.47 -20.92	35.60 2.22 -14.19	44.17 4.36 -1.21	63.63 6.11 0.00	255.61 24.63 0.00	41.09 4.07 0.00	38.14 3.78 0.00	33.36 3.12 -2.39
PATROON___115KV_TB1 80586	38.03 -0.13 -41.53	34.03 0.05 -32.86	31.22 0.03 -30.56	29.81 0.35 -21.06	30.51 0.39 -20.31	29.46 0.17 -24.70	72.03 0.64 -54.50	49.16 0.92 -22.12	28.31 0.94 -0.20	26.24 0.90 0.00	31.36 0.57 -15.54	90.44 2.06 -22.46	32.81 0.15 -28.45	31.38 0.16 -27.44	34.92 -0.04 -35.99	37.51 -0.10 -40.15	37.13 0.50 -24.09	36.32 0.79 -16.33	41.51 1.52 -1.40	59.55 2.03 0.00	238.66 7.68 0.00	38.44 1.42 0.00	35.78 1.41 0.00	31.67 1.17 -2.65
PATTRSNVILLE___SOLAR 323815	39.01 -0.14 -42.53	34.81 0.05 -33.65	31.95 0.03 -31.29	30.30 0.33 -21.56	30.99 0.39 -20.79	30.08 0.19 -25.29	73.42 0.73 -55.80	49.68 0.91 -22.65	28.17 0.80 -0.21	26.21 0.87 0.00	31.59 0.42 -15.91	91.31 2.20 -23.18	33.76 0.09 -29.47	32.30 0.10 -28.42	36.22 -0.03 -37.28	38.99 -0.06 -41.58	37.88 0.39 -24.95	36.76 0.64 -16.92	41.41 1.36 -1.46	59.94 2.42 0.00	241.23 10.25 0.00	38.67 1.64 0.00	35.87 1.50 0.00	31.88 1.19 -2.84
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	-2.43 0.20 -0.75	-0.07 -0.07 1.11	0.98 -0.07 -0.43	5.34 -0.54 2.52	4.59 -0.58 4.64	-0.06 -0.26 4.40	10.40 -0.99 5.50	21.67 -1.51 2.93	22.26 -1.03 3.88	24.21 -0.90 0.23	15.05 -0.49 -0.28	5.23 -1.16 59.54	7.28 -0.21 -3.29	3.78 -0.15 -0.15	0.81 0.07 -1.78	0.98 0.12 -3.40	14.78 -0.71 -2.95	17.84 -1.17 0.18	24.09 -2.18 12.33	46.20 -3.46 7.86	213.62 -12.53 4.83	20.74 -1.99 14.30	14.63 -2.02 17.72	6.22 -1.58 20.05

PAWLING_115_KV_BK3_REV_LBMP_H 345028	34.06 -0.23 -37.67	31.00 0.07 -29.81	28.39 0.05 -27.72	28.05 0.54 -19.10	28.85 0.63 -18.42	27.31 0.31 -22.40	67.59 1.26 -49.43	48.17 1.99 -20.07	29.65 2.30 -0.18	27.37 2.02 0.00	30.57 1.22 -14.09	91.90 5.99 -19.99	29.70 0.39 -25.10	28.32 0.33 -24.21	30.63 -0.09 -31.76	32.66 -0.23 -35.42	34.95 1.16 -21.26	35.41 1.80 -14.41	43.51 3.68 -1.23	62.80 5.28 0.00	251.86 20.88 0.00	40.40 3.37 0.00	37.51 3.14 0.00	32.82 2.55 -2.43
PEEKSKILL____ 23653	33.68 -0.23 -37.29	30.68 0.06 -29.51	28.11 0.05 -27.44	27.79 0.49 -18.90	28.60 0.56 -18.23	27.05 0.28 -22.18	66.94 1.12 -48.93	47.73 1.76 -19.86	29.39 2.04 -0.18	27.15 1.81 0.00	30.23 1.10 -13.87	91.30 5.77 -19.60	29.16 0.38 -24.58	27.79 0.31 -23.71	29.98 -0.08 -31.10	31.93 -0.21 -34.69	34.42 1.07 -20.81	34.94 1.63 -14.11	43.07 3.26 -1.21	62.36 4.67 -0.17	249.41 18.43 0.00	40.02 2.99 0.00	37.76 2.82 -0.58	33.82 2.36 -3.62
PGE MADISON__WINDPWR 24146	1.05 -0.29 -4.71	5.31 0.03 -4.16	4.12 0.00 -3.49	11.81 0.28 -3.13	13.69 0.31 -3.58	8.78 0.15 -4.03	25.43 0.79 -7.75	30.00 1.05 -2.84	28.79 1.05 -0.56	25.65 0.53 0.22	16.96 -0.06 -1.77	87.61 -0.45 -22.13	12.02 0.02 -7.80	11.92 0.02 -8.13	9.32 0.01 -10.34	8.68 -0.04 -11.25	19.22 0.11 -6.57	24.62 0.52 -4.91	43.11 1.62 -2.90	64.23 4.38 -2.33	250.69 18.73 -0.98	42.37 2.00 -3.34	38.86 1.07 -3.42	33.62 0.83 -4.94
PIERCEFIELD____HYD 23852	-3.23 0.15 0.00	1.07 -0.05 0.00	0.59 -0.03 0.00	8.03 -0.37 0.00	9.36 -0.44 0.00	4.37 -0.23 0.00	13.51 -0.92 2.46	24.76 -1.35 0.00	25.80 -1.37 0.00	24.31 -1.03 0.00	14.66 -0.59 0.00	63.11 -3.09 -0.27	4.49 -0.21 -0.50	4.04 -0.22 -0.48	-0.35 0.06 -0.63	-1.65 0.18 -0.70	12.14 -0.83 -0.42	18.31 -1.18 -0.29	36.38 -2.24 -0.03	54.70 -2.82 0.00	220.48 -10.50 0.00	35.09 -1.93 0.00	32.40 -1.97 0.00	21.40 -1.61 4.84
PINELAWN_CC_I 323563	50.61 -0.28 -54.27	52.85 0.08 -51.65	45.92 0.06 -45.24	44.27 0.63 -35.24	39.90 0.72 -29.37	51.73 0.35 -46.78	71.93 1.40 -53.64	59.88 2.18 -31.59	62.22 2.59 -32.46	49.06 2.22 -21.50	55.28 1.30 -38.72	103.29 6.20 -31.17	49.00 0.44 -44.35	49.10 0.35 -44.96	54.69 -0.10 -55.83	55.74 -0.24 -58.51	58.25 1.17 -44.53	63.28 1.81 -42.28	94.34 3.79 -51.96	113.81 5.42 -50.88	312.09 21.66 -59.45	96.32 3.51 -55.79	53.11 3.27 -15.47	56.10 2.79 -25.47
PJM_GEN_HTP_PROXY 323702	33.81 -0.24 -37.43	30.80 0.07 -29.62	28.22 0.05 -27.55	27.90 0.52 -18.98	28.70 0.59 -18.30	27.15 0.29 -22.26	67.20 1.19 -49.12	47.88 1.90 -19.87	29.61 2.26 -0.18	27.38 2.04 0.00	30.41 1.23 -13.93	92.27 6.63 -19.71	29.34 0.43 -24.71	27.97 0.35 -23.83	30.13 -0.10 -31.26	32.09 -0.24 -34.87	34.67 1.21 -20.92	35.21 1.83 -14.19	42.95 3.62 -0.73	62.64 5.12 0.00	251.17 20.19 0.00	40.29 3.27 0.00	37.46 3.09 0.00	32.81 2.57 -2.39
PJM_GEN_KEystone 24065	16.94 -0.01 -20.32	16.85 0.00 -15.74	15.54 -0.01 -14.93	18.13 0.01 -9.72	18.78 0.03 -8.94	15.73 0.03 -11.10	42.21 0.15 -25.17	36.26 0.24 -9.91	26.94 0.56 0.79	25.53 0.46 0.28	23.14 0.33 -7.56	47.02 1.84 20.74	19.19 0.12 -14.87	17.50 0.10 -13.62	17.19 -0.02 -18.24	18.06 -0.06 -20.67	25.41 0.24 -12.63	27.54 0.33 -8.01	36.52 0.69 2.77	56.93 0.94 1.53	234.27 4.40 1.11	32.55 0.63 5.10	29.42 0.56 5.51	21.89 0.51 6.47
PJM_GEN_NEPTUNE_PROXY 323594	48.05 -0.25 -51.68	49.44 0.07 -48.26	43.19 0.06 -42.51	41.70 0.56 -32.73	38.11 0.64 -27.66	47.91 0.31 -43.00	71.12 1.25 -52.98	58.00 1.95 -29.94	57.95 2.44 -28.34	46.02 2.13 -18.55	51.86 1.28 -35.32	101.77 6.25 -29.59	46.30 0.44 -41.66	46.20 0.35 -42.07	51.32 -0.10 -52.45	52.50 -0.24 -55.27	55.00 1.16 -41.30	59.40 1.78 -38.42	86.76 3.64 -44.52	106.56 5.14 -43.90	302.68 20.40 -51.30	88.47 3.31 -48.14	50.73 3.02 -13.35	52.73 2.58 -22.31
PJM_GEN_VFT_PROXY 323633	33.82 -0.23 -37.43	30.80 0.06 -29.62	28.22 0.05 -27.55	27.87 0.48 -18.98	28.66 0.56 -18.30	27.14 0.28 -22.26	67.15 1.14 -49.12	47.80 1.82 -19.87	29.51 2.16 -0.18	27.28 1.95 0.00	30.35 1.17 -13.93	92.10 6.46 -19.71	29.33 0.42 -24.71	27.95 0.34 -23.83	30.13 -0.09 -31.26	32.10 -0.23 -34.87	34.62 1.16 -20.92	35.14 1.76 -14.19	42.80 3.48 -0.73	62.46 4.94 0.00	250.47 19.49 0.00	40.18 3.15 0.00	37.35 2.99 0.00	32.74 2.50 -2.39
PLATSBURG_115KV_PMLD1 355749	-3.33 0.04 0.00	1.10 -0.01 0.00	0.62 0.00 0.00	8.37 -0.03 0.00	9.78 -0.03 0.00	4.57 -0.02 0.00	16.22 -0.29 0.39	25.75 -0.36 0.00	26.66 -0.51 0.00	24.91 -0.43 0.00	15.04 -0.20 0.00	64.64 -1.29 0.00	4.17 -0.04 0.00	3.73 -0.05 0.00	-1.03 0.01 0.00	-2.49 0.05 0.00	12.33 -0.21 0.00	18.99 -0.20 0.00	38.21 -0.39 0.00	57.03 -0.49 0.00	229.70 -1.28 0.00	36.75 -0.28 0.00	33.83 -0.54 0.00	26.56 -0.52 0.77
PLEASANTVLY____LBMP 24000	34.67 -0.19 -38.24	31.44 0.06 -30.26	28.81 0.04 -28.14	28.25 0.45 -19.39	29.02 0.52 -18.70	27.59 0.25 -22.75	68.10 1.03 -50.18	48.09 1.61 -20.37	29.26 1.91 -0.18	27.03 1.69 0.00	30.53 1.04 -14.24	91.34 5.20 -20.21	29.95 0.34 -25.40	28.56 0.28 -24.50	31.02 -0.08 -32.14	33.12 -0.20 -35.85	35.03 0.98 -21.51	35.30 1.52 -14.59	42.90 3.05 -1.25	61.82 4.30 0.00	247.74 16.76 0.00	39.79 2.76 0.00	36.99 2.62 0.00	32.46 2.17 -2.45
PLSNTVLE_13_KV_13.8KVDIST 80602	33.91 -0.22 -37.51	30.87 0.07 -29.68	28.28 0.05 -27.61	27.94 0.51 -19.02	28.74 0.59 -18.34	27.20 0.29 -22.31	67.30 1.19 -49.22	47.97 1.88 -19.98	29.54 2.19 -0.18	27.30 1.96 0.00	30.40 1.19 -13.96	91.81 6.13 -19.75	29.39 0.40 -24.78	28.01 0.33 -23.90	30.22 -0.09 -31.35	32.21 -0.23 -34.97	34.66 1.14 -20.98	35.17 1.75 -14.23	43.31 3.49 -1.22	62.48 4.96 0.00	250.51 19.53 0.00	40.19 3.16 0.00	37.36 2.99 0.00	32.71 2.47 -2.40
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	33.91 -0.22 -37.51	30.87 0.07 -29.68	28.28 0.05 -27.61	27.94 0.51 -19.02	28.74 0.59 -18.34	27.20 0.29 -22.31	67.30 1.19 -49.22	47.97 1.88 -19.98	29.54 2.19 -0.18	27.30 1.96 0.00	30.40 1.19 -13.96	91.81 6.13 -19.75	29.39 0.40 -24.78	28.01 0.33 -23.90	30.22 -0.09 -31.35	32.21 -0.23 -34.97	34.66 1.14 -20.98	35.17 1.75 -14.23	43.31 3.49 -1.22	62.48 4.96 0.00	250.51 19.53 0.00	40.19 3.16 0.00	37.36 2.99 0.00	32.71 2.47 -2.40
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	34.40 -0.22 -37.99	31.25 0.07 -30.07	28.63 0.05 -27.96	28.18 0.51 -19.26	28.98 0.59 -18.58	27.48 0.29 -22.60	67.91 1.17 -49.85	48.19 1.83 -20.24	29.48 2.12 -0.18	27.19 1.85 0.00	30.61 1.12 -14.24	91.50 5.33 -20.24	30.01 0.35 -25.45	28.63 0.30 -24.54	31.08 -0.08 -32.20	33.17 -0.20 -35.92	35.14 1.05 -21.55	35.47 1.66 -14.61	43.23 3.38 -1.25	62.40 4.88 0.00	250.24 19.26 0.00	40.17 3.14 0.00	37.30 2.93 0.00	32.68 2.38 -2.46
POLETTI____ 23519	33.84 -0.22 -37.43	30.80 0.07 -29.62	28.22 0.05 -27.55	27.88 0.50 -18.98	28.68 0.57 -18.30	27.14 0.28 -22.26	67.17 1.15 -49.12	47.88 1.84 -19.93	29.54 2.19 -0.18	27.31 1.97 0.00	30.37 1.18 -13.93	92.22 6.58 -19.71	29.34 0.43 -24.71	27.96 0.35 -23.83	30.13 -0.09 -31.26	32.10 -0.23 -34.87	34.65 1.19 -20.92	35.18 1.80 -14.19	43.37 3.56 -1.21	62.53 5.01 0.00	250.76 19.78 0.00	40.23 3.21 0.00	37.41 3.05 0.00	32.76 2.52 -2.39

POMONA___ESR 323819	33.33 -0.24 -36.94	30.41 0.06 -29.23	27.86 0.05 -27.19	27.64 0.50 -18.73	28.45 0.58 -18.06	26.86 0.29 -21.97	66.54 1.17 -48.48	47.61 1.82 -19.67	29.42 2.08 -0.18	27.18 1.85 0.00	30.12 1.12 -13.74	98.38 5.88 -26.57	28.86 0.38 -24.28	27.51 0.31 -23.41	29.59 -0.09 -30.71	31.50 -0.22 -34.26	34.20 1.10 -20.55	34.82 1.67 -13.96	43.12 3.33 -1.19	62.48 4.79 -0.17	249.86 18.88 0.00	40.80 3.04 -0.73	37.83 2.87 -0.59	33.88 2.41 -3.63
PORT_JEFF_3 23555	48.93 -0.29 -52.59	50.64 0.08 -49.45	44.16 0.06 -43.47	42.64 0.63 -33.61	38.80 0.72 -28.26	49.27 0.35 -44.33	71.49 1.38 -53.22	58.89 2.13 -30.66	59.70 2.51 -30.01	47.20 2.11 -19.74	53.15 1.20 -36.70	101.89 5.74 -30.23	47.36 0.41 -42.75	47.35 0.33 -43.24	52.69 -0.09 -53.82	53.82 -0.22 -56.58	56.25 1.10 -42.61	60.90 1.72 -39.98	90.06 3.64 -47.82	109.48 5.24 -46.73	306.58 21.00 -54.61	91.63 3.37 -51.23	51.75 3.18 -14.21	54.13 2.69 -23.59
PORT_JEFF_4 23616	48.93 -0.29 -52.59	50.64 0.08 -49.45	44.16 0.06 -43.47	42.64 0.63 -33.61	38.80 0.72 -28.26	49.27 0.35 -44.33	71.49 1.38 -53.22	58.89 2.13 -30.66	59.70 2.51 -30.01	47.20 2.11 -19.74	53.15 1.20 -36.70	101.89 5.74 -30.23	47.36 0.41 -42.75	47.35 0.33 -43.24	52.69 -0.09 -53.82	53.82 -0.22 -56.58	56.25 1.10 -42.61	60.90 1.72 -39.98	90.06 3.64 -47.82	109.48 5.24 -46.73	306.58 21.00 -54.61	91.63 3.37 -51.23	51.75 3.18 -14.21	54.13 2.69 -23.59
PORT_JEFF_IC 23713	48.99 -0.28 -52.64	50.71 0.08 -49.52	44.21 0.06 -43.52	42.70 0.64 -33.66	38.84 0.74 -28.30	49.35 0.35 -44.40	71.53 1.40 -53.24	58.96 2.17 -30.68	59.80 2.54 -30.08	47.27 2.14 -19.79	53.22 1.21 -36.76	101.90 5.72 -30.26	47.41 0.41 -42.80	47.40 0.33 -43.28	52.75 -0.09 -53.88	53.87 -0.22 -56.63	56.31 1.11 -42.66	60.99 1.75 -40.05	90.26 3.73 -47.93	109.74 5.38 -46.84	307.28 21.56 -54.74	91.85 3.46 -51.36	51.88 3.27 -14.24	54.21 2.73 -23.64
PPL PILGRIM_ST_GT1 24216	49.24 -0.30 -52.91	51.06 0.08 -49.87	44.49 0.06 -43.81	42.98 0.66 -33.92	39.04 0.75 -28.47	49.75 0.36 -44.80	71.65 1.45 -53.30	59.20 2.27 -30.82	60.28 2.29 -30.44	47.67 2.29 -20.04	53.62 1.32 -37.04	102.58 6.26 -30.39	47.67 0.44 -43.02	47.67 0.36 -43.53	53.03 -0.10 -54.16	54.13 -0.24 -56.91	56.65 1.18 -42.94	61.35 1.78 -40.37	90.76 3.64 -48.52	110.09 5.14 -47.43	307.01 20.60 -55.43	92.39 3.35 -52.01	52.13 3.34 -14.42	54.61 2.85 -23.91
PPL PILGRIM_ST_GT2 24217	49.24 -0.30 -52.91	51.06 0.08 -49.87	44.49 0.06 -43.81	42.98 0.66 -33.92	39.04 0.75 -28.47	49.75 0.36 -44.80	71.65 1.45 -53.30	59.20 2.27 -30.82	60.28 2.29 -30.44	47.67 2.29 -20.04	53.62 1.32 -37.04	102.58 6.26 -30.39	47.67 0.44 -43.02	47.67 0.36 -43.53	53.03 -0.10 -54.16	54.13 -0.24 -56.91	56.65 1.18 -42.94	61.35 1.78 -40.37	90.76 3.64 -48.52	110.09 5.14 -47.43	307.01 20.60 -55.43	92.39 3.35 -52.01	52.13 3.34 -14.42	54.61 2.85 -23.91
PPL_SHRM_GT3 24213	48.95 -0.29 -52.61	50.68 0.08 -49.48	44.19 0.06 -43.50	42.67 0.63 -33.64	38.81 0.73 -28.28	49.31 0.34 -44.37	71.50 1.37 -53.23	58.90 2.11 -30.67	59.68 2.46 -30.05	46.87 1.76 -19.77	52.93 0.94 -36.73	101.57 5.40 -30.24	47.37 0.39 -42.77	47.35 0.31 -43.26	52.73 -0.09 -53.85	53.86 -0.21 -56.61	56.23 1.06 -42.63	60.88 1.67 -40.02	90.07 3.60 -47.88	109.50 5.20 -46.78	306.61 20.96 -54.67	91.69 3.36 -51.30	51.75 3.16 -14.22	54.11 2.65 -23.62
PPL_SHRM_GT4 24214	48.95 -0.29 -52.61	50.68 0.08 -49.48	44.19 0.06 -43.50	42.67 0.63 -33.64	38.81 0.73 -28.28	49.31 0.34 -44.37	71.50 1.37 -53.23	58.90 2.11 -30.67	59.68 2.46 -30.05	46.87 1.76 -19.77	52.93 0.94 -36.73	101.57 5.40 -30.24	47.37 0.39 -42.77	47.35 0.31 -43.26	52.73 -0.09 -53.85	53.86 -0.21 -56.61	56.23 1.06 -42.63	60.88 1.67 -40.02	90.07 3.60 -47.88	109.50 5.20 -46.78	306.61 20.96 -54.67	91.69 3.36 -51.30	51.75 3.16 -14.22	54.11 2.65 -23.62
PROJECT___ORANGE 1 24174	-3.33 0.05 0.00	1.09 -0.02 0.00	0.61 -0.02 0.00	8.27 -0.14 0.00	9.67 -0.14 0.00	4.54 -0.06 0.00	16.72 -0.18 0.00	26.14 -0.23 -0.26	26.98 -0.19 0.00	25.10 -0.24 0.00	15.20 -0.19 -0.13	66.79 -0.45 -1.32	6.57 -0.04 -2.39	6.06 -0.03 -2.31	2.00 0.01 -3.03	0.86 0.02 -3.38	14.47 -0.10 -2.03	20.39 -0.18 -1.38	38.41 -0.31 -0.12	57.15 -0.37 0.00	229.87 -1.11 0.00	36.79 -0.24 0.00	34.09 -0.28 0.00	27.74 -0.23 -0.13
PROJECT___ORANGE 2 24166	-3.33 0.05 0.00	1.09 -0.02 0.00	0.61 -0.02 0.00	8.27 -0.14 0.00	9.67 -0.14 0.00	4.54 -0.06 0.00	16.72 -0.18 0.00	26.14 -0.23 -0.26	26.98 -0.19 0.00	25.10 -0.24 0.00	15.20 -0.19 -0.13	66.79 -0.45 -1.32	6.57 -0.04 -2.39	6.06 -0.03 -2.31	2.00 0.01 -3.03	0.86 0.02 -3.38	14.47 -0.10 -2.03	20.39 -0.18 -1.38	38.41 -0.31 -0.12	57.15 -0.37 0.00	229.87 -1.11 0.00	36.79 -0.24 0.00	34.09 -0.28 0.00	27.74 -0.23 -0.13
PUCKETT___SOLAR 323809	-0.35 -0.04 -3.05	3.86 -0.01 -2.75	2.88 -0.01 -2.27	10.52 -0.01 -2.13	12.32 0.02 -2.50	7.37 0.00 -2.78	22.23 0.15 -5.19	27.95 0.16 -1.68	27.45 0.16 -0.13	24.80 -0.12 0.42	16.11 -0.30 -1.16	125.35 0.08 -59.34	12.57 0.00 -8.37	12.19 0.00 -8.41	9.81 0.00 -10.85	9.37 -0.01 -11.92	19.65 0.05 -7.06	24.61 0.19 -5.22	41.33 0.68 -2.06	60.42 1.63 -1.27	238.73 7.14 -0.61	44.24 0.84 -6.37	39.08 0.59 -4.13	38.58 0.48 -10.27
PYRITES___HYD 24023	-3.30 0.08 0.00	1.09 -0.02 0.00	0.61 -0.02 0.00	8.22 -0.18 0.00	9.60 -0.20 0.00	4.50 -0.10 0.00	14.13 -0.49 2.27	25.41 -0.70 0.00	26.40 -0.77 0.00	24.61 -0.73 0.00	14.81 -0.44 0.00	63.72 -2.47 -0.25	4.50 -0.17 -0.46	4.06 -0.17 -0.45	-0.41 0.05 -0.59	-1.74 0.14 -0.66	12.29 -0.64 -0.39	18.56 -0.90 -0.27	36.99 -1.63 -0.02	55.95 -1.57 0.00	226.00 -4.98 0.00	36.00 -1.03 0.00	33.20 -1.17 0.00	22.40 -0.96 4.48
QUAKERRD_115KV_BK1 80622	-2.63 0.17 -0.58	1.51 -0.06 -0.46	1.00 -0.05 -0.43	8.25 -0.45 -0.29	9.59 -0.50 -0.28	4.72 -0.22 -0.35	16.83 -0.82 -0.76	25.08 -1.25 -0.21	26.07 -1.11 0.00	24.59 -0.97 -0.21	14.89 -0.58 -0.22	34.83 -2.02 29.07	6.72 -0.18 -2.70	6.25 -0.18 -2.65	2.46 0.05 -3.45	1.41 0.10 -3.85	14.23 -0.59 -2.28	19.64 -1.01 -1.45	36.57 -1.87 0.16	53.62 -2.85 1.06	220.65 -10.33 0.00	32.20 -1.73 3.10	30.12 -1.76 2.49	21.15 -1.39 5.31
QUENSBRY_115KV_TB8 356137	38.47 -0.24 -42.09	34.50 0.08 -33.31	31.64 0.04 -30.97	30.33 0.58 -21.34	31.10 0.71 -20.58	29.98 0.35 -25.03	73.49 1.36 -55.23	50.44 1.91 -22.42	29.32 1.95 -0.20	27.29 1.95 0.00	32.10 1.11 -15.74	93.18 4.42 -22.83	33.42 0.25 -28.96	31.98 0.27 -27.93	35.54 -0.07 -36.64	38.16 -0.17 -40.87	37.95 0.88 -24.52	37.34 1.51 -16.63	43.43 3.40 -1.43	62.41 4.89 0.00	250.19 19.21 0.00	40.17 3.14 0.00	37.28 2.91 0.00	32.81 2.26 -2.70
RAMAPO___LBMP 323565	33.25 -0.21 -36.83	30.32 0.07 -29.14	27.77 0.04 -27.10	27.55 0.48 -18.67	28.36 0.54 -18.01	26.77 0.27 -21.90	66.33 1.10 -48.33	47.45 1.72 -19.61	29.30 1.96 -0.17	27.07 1.73 0.00	30.00 1.05 -13.70	98.06 5.57 -26.57	28.74 0.36 -24.18	27.39 0.29 -23.32	29.47 -0.08 -30.59	31.38 -0.20 -34.12	34.04 1.03 -20.47	34.66 1.56 -13.91	42.90 3.11 -1.19	62.18 4.49 -0.17	248.81 17.83 0.00	40.64 2.87 -0.73	37.71 2.74 -0.60	33.76 2.28 -3.63

RANKINE_____	-2.43	-0.37	0.95	4.83	3.71	-0.88	9.60	21.22	21.70	24.22	15.03	7.08	7.21	3.40	0.49	0.77	14.72	17.53	22.66	45.39	212.48	19.94	13.24	5.45
23646	0.20	-0.08	-0.07	-0.56	-0.61	-0.27	-1.07	-1.62	-1.17	-0.94	-0.50	-1.21	-0.20	-0.17	0.07	0.12	-0.72	-1.25	-2.35	-3.73	-13.15	-2.13	-2.21	-1.69
	-0.74	1.41	-0.40	3.01	5.49	5.20	6.22	3.27	4.30	0.18	-0.28	57.64	-3.21	0.21	-1.46	-3.19	-2.90	0.42	13.58	8.41	5.34	14.96	18.92	20.70
RAVENSWOOD_GT2_1	33.84	30.81	28.22	27.89	28.68	27.15	67.17	47.89	29.55	27.32	30.38	92.19	29.34	27.96	30.13	32.10	34.65	35.18	43.38	62.56	250.77	40.25	37.43	32.76
24244	-0.22	0.07	0.05	0.50	0.57	0.29	1.16	1.85	2.20	1.98	1.19	6.55	0.43	0.35	-0.09	-0.23	1.19	1.80	3.57	5.04	19.79	3.22	3.06	2.53
	-37.43	-29.62	-27.55	-18.98	-18.30	-22.26	-49.12	-19.94	-0.18	0.00	-13.93	-19.71	-24.71	-23.83	-31.26	-34.87	-20.92	-14.19	-1.21	0.00	0.00	0.00	0.00	-2.39
RAVENSWOOD_GT2_2	33.84	30.81	28.22	27.89	28.68	27.15	67.17	47.89	29.55	27.32	30.38	92.19	29.34	27.96	30.13	32.10	34.65	35.18	43.38	62.56	250.77	40.25	37.43	32.76
24245	-0.22	0.07	0.05	0.50	0.57	0.29	1.16	1.85	2.20	1.98	1.19	6.55	0.43	0.35	-0.09	-0.23	1.19	1.80	3.57	5.04	19.79	3.22	3.06	2.53
	-37.43	-29.62	-27.55	-18.98	-18.30	-22.26	-49.12	-19.94	-0.18	0.00	-13.93	-19.71	-24.71	-23.83	-31.26	-34.87	-20.92	-14.19	-1.21	0.00	0.00	0.00	0.00	-2.39
RAVENSWOOD_GT2_3	33.83	30.81	28.22	27.89	28.69	27.15	67.19	47.92	29.56	27.34	30.38	92.25	29.34	27.96	30.13	32.10	34.66	35.20	43.40	62.58	250.89	40.26	37.44	32.78
24246	-0.22	0.07	0.05	0.51	0.58	0.29	1.18	1.87	2.22	2.00	1.20	6.61	0.43	0.35	-0.09	-0.23	1.20	1.82	3.59	5.06	19.91	3.24	3.07	2.54
	-37.43	-29.62	-27.55	-18.98	-18.30	-22.26	-49.12	-19.94	-0.18	0.00	-13.93	-19.71	-24.71	-23.83	-31.26	-34.87	-20.92	-14.19	-1.21	0.00	0.00	0.00	0.00	-2.39
RAVENSWOOD_GT2_4	33.83	30.81	28.22	27.89	28.69	27.15	67.19	47.92	29.56	27.34	30.38	92.25	29.34	27.96	30.13	32.10	34.66	35.20	43.40	62.58	250.89	40.26	37.44	32.78
24247	-0.22	0.07	0.05	0.51	0.58	0.29	1.18	1.87	2.22	2.00	1.20	6.61	0.43	0.35	-0.09	-0.23	1.20	1.82	3.59	5.06	19.91	3.24	3.07	2.54
	-37.43	-29.62	-27.55	-18.98	-18.30	-22.26	-49.12	-19.94	-0.18	0.00	-13.93	-19.71	-24.71	-23.83	-31.26	-34.87	-20.92	-14.19	-1.21	0.00	0.00	0.00	0.00	-2.39
RAVENSWOOD_GT3_1	33.83	30.81	28.22	27.90	28.69	27.15	67.19	47.93	29.57	27.36	30.39	92.19	29.34	27.96	30.13	32.10	34.66	35.20	43.41	62.59	250.95	40.26	37.45	32.78
24248	-0.22	0.07	0.05	0.51	0.58	0.29	1.18	1.88	2.23	2.01	1.21	6.55	0.43	0.35	-0.09	-0.23	1.20	1.82	3.59	5.07	19.97	3.24	3.08	2.55
	-37.43	-29.62	-27.55	-18.98	-18.30	-22.26	-49.12	-19.94	-0.18	0.00	-13.93	-19.71	-24.71	-23.83	-31.26	-34.87	-20.92	-14.19	-1.21	0.00	0.00	0.00	0.00	-2.39
RAVENSWOOD_GT3_2	33.83	30.81	28.22	27.90	28.69	27.15	67.19	47.93	29.57	27.36	30.39	92.19	29.34	27.96	30.13	32.10	34.66	35.20	43.41	62.59	250.95	40.26	37.45	32.78
24249	-0.22	0.07	0.05	0.51	0.58	0.29	1.18	1.88	2.23	2.01	1.21	6.55	0.43	0.35	-0.09	-0.23	1.20	1.82	3.59	5.07	19.97	3.24	3.08	2.55
	-37.43	-29.62	-27.55	-18.98	-18.30	-22.26	-49.12	-19.94	-0.18	0.00	-13.93	-19.71	-24.71	-23.83	-31.26	-34.87	-20.92	-14.19	-1.21	0.00	0.00	0.00	0.00	-2.39
RAVENSWOOD_GT3_3	33.83	30.81	28.22	27.91	28.71	27.16	67.22	47.97	29.62	27.39	30.42	92.32	29.35	27.97	30.13	32.09	34.67	35.23	43.47	62.68	251.36	40.32	37.50	32.82
24250	-0.23	0.07	0.05	0.52	0.59	0.30	1.21	1.92	2.27	2.05	1.23	6.68	0.44	0.36	-0.10	-0.24	1.21	1.85	3.66	5.16	20.37	3.30	3.13	2.58
	-37.43	-29.62	-27.55	-18.98	-18.30	-22.26	-49.12	-19.94	-0.18	0.00	-13.93	-19.71	-24.71	-23.83	-31.26	-34.87	-20.92	-14.19	-1.21	0.00	0.00	0.00	0.00	-2.39
RAVENSWOOD_GT3_4	33.83	30.81	28.22	27.91	28.71	27.16	67.22	47.97	29.62	27.39	30.42	92.32	29.35	27.97	30.13	32.09	34.67	35.23	43.47	62.68	251.36	40.32	37.50	32.82
24251	-0.23	0.07	0.05	0.52	0.59	0.30	1.21	1.92	2.27	2.05	1.23	6.68	0.44	0.36	-0.10	-0.24	1.21	1.85	3.66	5.16	20.37	3.30	3.13	2.58
	-37.43	-29.62	-27.55	-18.98	-18.30	-22.26	-49.12	-19.94	-0.18	0.00	-13.93	-19.71	-24.71	-23.83	-31.26	-34.87	-20.92	-14.19	-1.21	0.00	0.00	0.00	0.00	-2.39
RAVENSWOOD_GT_1	33.82	30.81	28.22	27.92	28.71	27.16	67.20	47.96	29.64	27.42	30.43	92.24	29.35	27.96	30.13	32.09	34.68	35.24	43.47	62.60	250.96	40.31	37.49	32.82
23729	-0.23	0.07	0.05	0.54	0.60	0.30	1.19	1.91	2.29	2.08	1.24	6.60	0.44	0.35	-0.09	-0.24	1.22	1.85	3.66	5.08	19.98	3.29	3.13	2.58
	-37.43	-29.62	-27.55	-18.98	-18.30	-22.26	-49.12	-19.94	-0.18	0.00	-13.93	-19.71	-24.71	-23.83	-31.26	-34.87	-20.92	-14.19	-1.21	0.00	0.00	0.00	0.00	-2.39
RAVENSWOOD_GT_10	33.84	30.81	28.22	27.89	28.68	27.15	67.17	47.89	29.55	27.32	30.38	92.19	29.34	27.96	30.13	32.10	34.65	35.18	43.38	62.56	250.77	40.24	37.42	32.76
24258	-0.22	0.07	0.05	0.50	0.57	0.29	1.16	1.85	2.20	1.98	1.19	6.55	0.43	0.34	-0.09	-0.23	1.19	1.80	3.56	5.04	19.79	3.21	3.06	2.53
	-37.43	-29.62	-27.55	-18.98	-18.30	-22.26	-49.12	-19.94	-0.18	0.00	-13.93	-19.71	-24.71	-23.83	-31.26	-34.87	-20.92	-14.19	-1.21	0.00	0.00	0.00	0.00	-2.39
RAVENSWOOD_GT_11	33.84	30.81	28.22	27.89	28.68	27.15	67.17	47.89	29.55	27.32	30.38	92.19	29.34	27.96	30.13	32.10	34.65	35.18	43.38	62.56	250.77	40.24	37.42	32.76
24259	-0.22	0.07	0.05	0.50	0.57	0.29	1.16	1.85	2.20	1.98	1.19	6.55	0.43	0.34	-0.09	-0.23	1.19	1.80	3.56	5.04	19.79	3.21	3.06	2.53
	-37.43	-29.62	-27.55	-18.98	-18.30	-22.26	-49.12	-19.94	-0.18	0.00	-13.93	-19.71	-24.71	-23.83	-31.26	-34.87	-20.92	-14.19	-1.21	0.00	0.00	0.00	0.00	-2.39
RAVENSWOOD_GT_4	33.83	30.81	28.22	27.90	28.69	27.15	67.19	47.92	29.58	27.36	30.40	92.20	29.34	27.96	30.13	32.10	34.66	35.20	43.41	62.57	250.89	40.27	37.45	32.78
24252	-0.23	0.07	0.05	0.52	0.58	0.29	1.18	1.87	2.24	2.02	1.21	6.56	0.43	0.35	-0.09	-0.23	1.20	1.82	3.60	5.05	19.91	3.24	3.08	2.54
	-37.43	-29.62	-27.55	-18.98	-18.30	-22.26	-49.12	-19.94	-0.18	0.00	-13.93	-19.71	-24.71	-23.83	-31.26	-34.87	-20.92	-14.19	-1.21	0.00	0.00	0.00	0.00	-2.39
RAVENSWOOD_GT_5	33.83	30.81	28.22	27.90	28.69	27.15	67.19	47.92	29.58	27.36	30.40	92.20	29.34	27.96	30.13	32.10	34.66	35.20	43.41	62.57	250.89	40.27	37.45	32.78
24254	-0.23	0.07	0.05	0.52	0.58	0.29	1.18	1.87	2.24	2.02	1.21	6.56	0.43	0.35	-0.09	-0.23	1.20	1.82	3.60	5.05	19.91	3.24	3.08	2.54
	-37.43	-29.62	-27.55	-18.98	-18.30	-22.26	-49.12	-19.94	-0.18	0.00	-13.93	-19.71	-24.71	-23.83	-31.26	-34.87	-20.92	-14.19	-1.21	0.00	0.00	0.00	0.00	-2.39
RAVENSWOOD_GT_6	33.83	30.81	28.22	27.90	28.69	27.15	67.19	47.92	29.58	27.36	30.40	92.20	29.34	27.96	30.13	32.10	34.66	35.20	43.41	62.57	250.89	40.27	37.45	32.78
24253	-0.23	0.07	0.05	0.52	0.58	0.29	1.18	1.87	2.24	2.02	1.21	6.56	0.43	0.35	-0.09	-0.23	1.20	1.82	3.60	5.05	19.91	3.24	3.08	2.54
	-37.43	-29.62	-27.55	-18.98	-18.30	-22.26	-49.12	-19.94	-0.18	0.00	-13.93	-19.71	-24.71	-23.83	-31.26	-34.87	-20.92	-14.19	-1.21	0.00	0.00	0.00	0.00	-2.39

RAVENSWOOD_GT_7 24255	33.83 -0.23 -37.43	30.81 0.07 -29.62	28.22 0.05 -27.55	27.90 0.52 -18.98	28.69 0.58 -18.30	27.15 0.29 -22.26	67.19 1.18 -49.12	47.92 1.87 -19.94	29.58 2.24 -0.18	27.36 2.02 0.00	30.40 1.21 -13.93	92.20 6.56 -19.71	29.34 0.43 -24.71	27.96 0.35 -23.83	30.13 -0.09 -31.26	32.10 -0.23 -34.87	34.66 1.20 -20.92	35.20 1.82 -14.19	43.41 3.60 -1.21	62.57 5.05 0.00	250.89 19.91 0.00	40.27 3.24 0.00	37.45 3.08 0.00	32.78 2.54 -2.39
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	33.84 -0.22 -37.43	30.81 0.07 -29.62	28.22 0.05 -27.55	27.89 0.50 -18.98	28.68 0.57 -18.30	27.15 0.29 -22.26	67.17 1.16 -49.12	47.89 1.85 -19.94	29.55 2.20 -0.18	27.32 1.98 0.00	30.38 1.19 -13.93	92.19 6.55 -19.71	29.34 0.43 -24.71	27.96 0.34 -23.83	30.13 -0.09 -31.26	32.10 -0.23 -34.87	34.65 1.19 -20.92	35.18 1.80 -14.19	43.38 3.56 -1.21	62.56 5.04 0.00	250.77 19.79 0.00	40.24 3.21 0.00	37.42 3.06 0.00	32.76 2.53 -2.39
RAVENSWOOD_GT_9 24257	33.84 -0.22 -37.43	30.81 0.07 -29.62	28.22 0.05 -27.55	27.89 0.50 -18.98	28.68 0.57 -18.30	27.15 0.29 -22.26	67.17 1.16 -49.12	47.89 1.85 -19.94	29.55 2.20 -0.18	27.32 1.98 0.00	30.38 1.19 -13.93	92.19 6.55 -19.71	29.34 0.43 -24.71	27.96 0.34 -23.83	30.13 -0.09 -31.26	32.10 -0.23 -34.87	34.65 1.19 -20.92	35.18 1.80 -14.19	43.38 3.56 -1.21	62.56 5.04 0.00	250.77 19.79 0.00	40.24 3.21 0.00	37.42 3.06 0.00	32.76 2.53 -2.39
RAVENSWOOD___1 23533	33.81 -0.25 -37.43	30.80 0.07 -29.62	28.22 0.05 -27.55	27.91 0.53 -18.98	28.71 0.60 -18.30	27.16 0.29 -22.26	67.18 1.17 -49.12	47.96 1.91 -19.94	29.63 2.28 -0.18	27.41 2.07 0.00	30.42 1.24 -13.93	92.22 6.58 -19.71	29.35 0.44 -24.71	27.96 0.36 -23.83	30.13 -0.09 -31.26	32.09 -0.24 -34.87	34.68 1.22 -20.92	35.23 1.84 -14.19	43.44 3.63 -1.21	62.59 5.07 0.00	250.90 19.92 0.00	40.30 3.27 0.00	37.44 3.08 0.00	32.82 2.58 -2.39
RAVENSWOOD___2 23534	33.81 -0.25 -37.43	30.80 0.07 -29.62	28.22 0.05 -27.55	27.91 0.53 -18.98	28.71 0.59 -18.30	27.16 0.30 -22.26	67.18 1.17 -49.12	47.95 1.91 -19.94	29.62 2.27 -0.18	27.40 2.06 0.00	30.41 1.23 -13.93	92.16 6.53 -19.71	29.35 0.44 -24.71	27.96 0.35 -23.83	30.13 -0.09 -31.26	32.09 -0.24 -34.87	34.68 1.22 -20.92	35.22 1.84 -14.19	43.43 3.62 -1.21	62.58 5.06 0.00	250.85 19.87 0.00	40.29 3.26 0.00	37.44 3.07 0.00	32.81 2.57 -2.39
RAVENSWOOD___3 23535	33.82 -0.24 -37.43	30.80 0.07 -29.62	28.22 0.05 -27.55	27.89 0.51 -18.98	28.69 0.58 -18.30	27.15 0.29 -22.26	67.18 1.17 -49.12	47.91 1.87 -19.94	29.56 2.21 -0.18	27.34 2.00 0.00	30.39 1.20 -13.93	92.20 6.56 -19.71	29.34 0.43 -24.71	27.96 0.35 -23.83	30.13 -0.09 -31.26	32.10 -0.23 -34.87	34.65 1.19 -20.92	35.19 1.81 -14.19	43.39 3.58 -1.21	62.56 5.05 0.00	250.89 19.91 0.00	40.25 3.23 0.00	37.41 3.05 0.00	32.78 2.54 -2.39
RAVENSWOOD___4 23820	33.81 -0.25 -37.43	30.80 0.07 -29.62	28.22 0.05 -27.55	27.91 0.53 -18.98	28.71 0.59 -18.30	27.16 0.30 -22.26	67.18 1.17 -49.12	47.95 1.91 -19.94	29.62 2.27 -0.18	27.40 2.06 0.00	30.41 1.23 -13.93	92.16 6.53 -19.71	29.35 0.44 -24.71	27.96 0.35 -23.83	30.13 -0.09 -31.26	32.09 -0.24 -34.87	34.68 1.22 -20.92	35.22 1.84 -14.19	43.43 3.62 -1.21	62.58 5.06 0.00	250.85 19.87 0.00	40.29 3.26 0.00	37.44 3.07 0.00	32.81 2.57 -2.39
RCPL_TRUST___DRP 24196	33.83 -0.23 -37.43	30.81 0.07 -29.62	28.22 0.05 -27.55	27.90 0.52 -18.98	28.70 0.59 -18.30	27.15 0.29 -22.26	67.20 1.19 -49.12	47.96 1.91 -19.93	29.62 2.27 -0.18	27.39 2.05 0.00	30.41 1.23 -13.93	92.29 6.65 -19.71	29.35 0.43 -24.71	27.96 0.35 -23.83	30.13 -0.10 -31.26	32.09 -0.24 -34.87	34.67 1.22 -20.92	35.22 1.84 -14.19	43.45 3.64 -1.21	62.67 5.15 0.00	251.23 20.25 0.00	40.31 3.28 0.00	37.48 3.12 0.00	32.81 2.58 -2.39
RED___ROCHESTER 323720	-2.66 0.12 -0.59	1.54 -0.03 -0.47	1.02 -0.04 -0.43	8.42 -0.28 -0.30	9.79 -0.30 -0.29	4.83 -0.11 -0.35	17.22 -0.44 -0.77	26.29 -0.64 -0.81	27.19 -0.44 -0.46	25.30 -0.32 -0.28	15.30 -0.17 -0.22	33.23 -0.20 32.50	6.87 -0.08 -2.75	6.40 -0.08 -2.71	2.51 0.02 -3.53	1.43 0.04 -3.93	14.61 -0.26 -2.34	20.11 -0.55 -1.47	37.52 -0.89 0.19	54.93 -1.40 1.18	226.52 -4.46 0.00	32.79 -0.79 3.45	30.73 -0.88 2.77	21.17 -0.75 5.92
REGAN___SOLAR 323812	39.54 -0.19 -43.11	35.29 0.06 -34.11	32.38 0.03 -31.72	30.70 0.44 -21.85	31.41 0.53 -21.08	30.50 0.26 -25.64	74.46 1.00 -56.56	50.11 1.03 -22.96	27.98 0.60 -0.21	26.21 0.87 0.00	31.71 0.33 -16.13	100.16 2.45 -31.78	34.41 0.01 -30.20	32.91 0.01 -29.12	37.16 -0.02 -38.21	40.06 -0.02 -42.62	38.25 0.14 -25.57	37.10 0.54 -17.36	41.34 1.23 -1.51	60.83 3.31 0.00	246.49 15.51 0.00	40.19 2.35 -0.82	36.33 1.96 0.00	32.31 1.51 -2.96
RENSSELAER___COGEN 23796	37.81 -0.12 -41.31	33.84 0.04 -32.69	31.05 0.03 -30.40	29.66 0.31 -20.95	30.36 0.35 -20.20	29.31 0.15 -24.57	71.65 0.55 -54.21	48.92 0.80 -22.01	28.18 0.81 -0.20	26.11 0.77 0.00	31.19 0.49 -15.45	89.99 1.76 -22.31	32.58 0.13 -28.24	31.16 0.13 -27.24	34.66 -0.03 -35.73	37.23 -0.09 -39.86	36.89 0.44 -23.91	36.09 0.68 -16.22	41.27 1.28 -1.39	59.19 1.67 0.00	237.27 6.29 0.00	38.25 1.22 0.00	35.59 1.22 0.00	31.51 1.04 -2.63
REPUBLIC_115KV_BARTNBRK 55605	38.38 -0.32 -42.08	34.51 0.10 -33.30	31.65 0.06 -30.97	30.53 0.79 -21.33	31.38 1.00 -20.57	30.13 0.51 -25.02	74.16 2.05 -55.21	51.28 2.76 -22.42	30.14 2.77 -0.20	28.11 2.77 0.00	32.55 1.56 -15.74	94.75 6.00 -22.83	33.46 0.30 -28.95	32.06 0.35 -27.92	35.51 -0.09 -36.63	38.09 -0.23 -40.86	38.24 1.18 -24.51	37.94 2.12 -16.62	44.88 4.85 -1.43	64.42 6.91 0.00	258.96 27.98 0.00	41.66 4.63 0.00	38.61 4.24 0.00	33.79 3.24 -2.70
REVERE_CPPR_DRP 24186	-3.42 -0.05 0.00	1.13 0.02 0.00	0.62 0.00 0.00	8.50 0.10 0.00	9.95 0.14 0.00	4.68 0.08 0.00	19.34 0.36 -2.08	26.66 0.55 0.00	27.74 0.57 0.00	25.85 0.51 0.00	15.32 0.07 0.00	66.68 -0.04 -0.80	5.64 -0.02 -1.45	5.18 0.00 -1.40	0.80 0.00 -1.84	-0.49 0.00 -2.05	13.83 0.06 -1.23	20.19 0.16 -0.83	39.49 0.82 -0.07	59.48 1.96 0.00	240.16 9.18 0.00	38.13 1.10 0.00	35.20 0.83 0.00	32.57 0.46 -4.26
REYNLDDPA_13_KV_LD 356490	-3.33 0.04 0.00	1.10 -0.01 0.00	0.62 0.00 0.00	8.34 -0.06 0.00	9.73 -0.08 0.00	4.55 -0.04 0.00	15.96 -0.27 0.66	25.73 -0.39 0.00	26.72 -0.46 0.00	24.95 -0.39 0.00	15.05 -0.20 0.00	64.67 -1.26 0.00	4.13 -0.07 0.00	3.72 -0.06 0.00	-1.02 0.01 0.00	-2.48 0.05 0.00	12.33 -0.21 0.00	18.91 -0.29 0.00	38.03 -0.57 0.00	56.70 -0.82 0.00	226.68 -4.30 0.00	36.30 -0.73 0.00	33.65 -0.72 0.00	25.95 -0.58 1.32
REYNOLDS_115KV_TB3 80639	37.86 -0.14 -41.37	33.90 0.05 -32.74	31.10 0.03 -30.44	29.74 0.37 -20.97	30.45 0.41 -20.23	29.38 0.18 -24.60	71.88 0.71 -54.28	49.18 1.04 -22.04	28.43 1.06 -0.20	26.35 1.01 0.00	31.36 0.63 -15.47	90.71 2.44 -22.35	32.67 0.17 -28.29	31.24 0.17 -27.29	34.71 -0.04 -35.80	37.28 -0.11 -39.93	37.06 0.56 -23.96	36.31 0.87 -16.24	41.66 1.67 -1.39	59.77 2.25 0.00	239.49 8.51 0.00	38.59 1.57 0.00	35.97 1.60 0.00	31.80 1.32 -2.64

RIVERBAY____ 323610	33.74 -0.32 -37.43	30.84 0.10 -29.62	28.23 0.06 -27.55	28.11 0.73 -18.98	28.94 0.83 -18.30	27.27 0.41 -22.26	67.70 1.69 -49.12	48.74 2.70 -19.94	30.30 2.96 -0.18	28.00 2.66 0.00	30.74 1.56 -13.93	93.55 7.92 -19.71	29.43 0.52 -24.71	28.03 0.42 -23.83	30.11 -0.11 -31.26	32.05 -0.28 -34.87	34.93 1.47 -20.92	35.60 2.22 -14.19	44.17 4.36 -1.21	63.63 6.11 0.00	255.61 24.63 0.00	41.09 4.07 0.00	38.14 3.78 0.00	33.36 3.12 -2.39
RIVERSIDE_115KV_TB3 55908	37.91 -0.13 -41.42	33.94 0.05 -32.77	31.13 0.03 -30.48	29.75 0.35 -21.00	30.45 0.39 -20.25	29.40 0.17 -24.63	71.89 0.65 -54.34	49.13 0.96 -22.06	28.35 0.98 -0.20	26.28 0.94 0.00	31.33 0.59 -15.49	90.49 2.18 -22.38	32.70 0.16 -28.34	31.27 0.16 -27.33	34.78 -0.04 -35.85	37.35 -0.10 -39.99	37.06 0.52 -23.99	36.29 0.82 -16.27	41.55 1.56 -1.39	59.60 2.08 0.00	238.89 7.91 0.00	38.49 1.46 0.00	35.85 1.48 0.00	31.71 1.22 -2.64
ROARING____BROOK_WT_PWR 323790	-3.32 0.05 0.00	1.10 -0.02 0.00	0.61 -0.01 0.00	8.22 -0.18 0.00	9.60 -0.21 0.00	4.49 -0.11 0.00	16.49 -0.40 0.00	25.64 -0.47 0.00	26.58 -0.59 0.00	24.83 -0.51 0.00	14.94 -0.31 0.00	64.37 -1.56 0.00	4.13 -0.07 0.00	3.70 -0.08 0.00	-1.02 0.02 0.00	-2.48 0.05 0.00	12.33 -0.21 0.00	18.95 -0.24 0.00	38.13 -0.47 0.00	57.10 -0.42 0.00	229.38 -1.60 0.00	36.50 -0.53 0.00	33.73 -0.64 0.00	27.16 -0.68 0.00
ROCHESRG_115KV_T4 355643	-2.66 0.13 -0.58	1.52 -0.05 -0.46	1.01 -0.04 -0.43	8.35 -0.35 -0.30	9.71 -0.38 -0.29	4.78 -0.16 -0.35	17.03 -0.62 -0.76	25.89 -0.94 -0.72	26.85 -0.71 -0.39	25.01 -0.56 -0.23	15.14 -0.33 -0.22	33.12 -0.84 31.96	6.78 -0.12 -2.69	5.90 -0.12 -2.25	2.13 0.03 -3.13	1.21 0.06 -3.68	14.43 -0.42 -2.31	19.61 -0.78 -1.19	35.38 -1.43 1.79	53.37 -2.21 1.93	222.74 -7.59 0.65	31.27 -1.28 4.48	28.57 -1.35 4.44	19.73 -1.04 7.08
ROCHESTER_9_IC 23652	-2.68 0.11 -0.59	1.54 -0.04 -0.47	1.02 -0.04 -0.43	8.40 -0.30 -0.30	9.77 -0.32 -0.29	4.81 -0.13 -0.35	17.16 -0.51 -0.77	26.19 -0.73 -0.82	27.11 -0.52 -0.46	25.23 -0.39 -0.28	15.24 -0.23 -0.22	32.95 -0.44 32.53	6.86 -0.09 -2.75	6.39 -0.10 -2.71	2.51 0.03 -3.53	1.44 0.05 -3.93	14.55 -0.33 -2.34	20.02 -0.65 -1.47	37.29 -1.11 0.19	54.61 -1.73 1.18	225.36 -5.62 0.00	32.59 -0.98 3.46	30.50 -1.10 2.77	21.07 -0.85 5.93
ROCKVIEW_13_KV_LD 356306	33.83 -0.23 -37.43	30.81 0.07 -29.62	28.22 0.05 -27.55	27.91 0.52 -18.98	28.71 0.60 -18.30	27.16 0.30 -22.26	67.22 1.21 -49.12	47.96 1.91 -19.94	29.83 2.25 -0.41	27.36 2.02 0.00	30.40 1.22 -13.93	91.99 6.36 -19.70	29.33 0.42 -24.71	27.96 0.35 -23.83	30.13 -0.09 -31.26	32.09 -0.23 -34.87	34.65 1.19 -20.92	35.20 1.82 -14.19	43.45 3.64 -1.21	62.67 5.15 0.00	251.27 20.29 0.00	40.32 3.29 0.00	37.48 3.11 0.00	32.80 2.56 -2.39
ROME____115KV_TB2 80656	-3.42 -0.05 0.00	1.13 0.02 0.00	0.62 0.00 0.00	8.50 0.10 0.00	9.95 0.14 0.00	4.68 0.08 0.00	19.34 0.36 -2.08	26.66 0.55 0.00	27.74 0.57 0.00	25.85 0.51 0.00	15.32 0.07 0.00	66.68 -0.04 -0.80	5.64 -0.02 -1.45	5.18 0.00 -1.40	0.80 0.00 -1.84	-0.49 0.00 -2.05	13.83 0.06 -1.23	20.19 0.16 -0.83	39.49 0.82 -0.07	59.48 1.96 0.00	240.16 9.18 0.00	38.13 1.10 0.00	35.20 0.83 0.00	32.57 0.46 -4.26
ROSETON____1 23587	33.92 -0.20 -37.50	30.84 0.06 -29.67	28.26 0.04 -27.60	27.86 0.45 -19.01	28.65 0.51 -18.33	27.15 0.25 -22.30	67.10 1.01 -49.20	47.66 1.58 -19.97	29.19 1.84 -0.18	26.97 1.63 0.00	30.22 1.00 -13.97	90.67 4.98 -19.76	29.32 0.33 -24.79	27.96 0.27 -23.91	30.25 -0.07 -31.36	32.26 -0.19 -34.98	34.48 0.94 -20.99	34.88 1.45 -14.24	42.72 2.91 -1.22	61.65 4.13 0.00	247.08 16.10 0.00	39.68 2.65 0.00	36.88 2.51 0.00	32.34 2.10 -2.40
ROSETON____2 23588	33.92 -0.20 -37.50	30.84 0.06 -29.67	28.26 0.04 -27.60	27.86 0.45 -19.01	28.65 0.51 -18.33	27.15 0.25 -22.30	67.10 1.01 -49.20	47.66 1.58 -19.97	29.19 1.84 -0.18	26.97 1.63 0.00	30.22 1.00 -13.97	90.67 4.98 -19.76	29.32 0.33 -24.79	27.96 0.27 -23.91	30.25 -0.07 -31.36	32.26 -0.19 -34.98	34.48 0.94 -20.99	34.88 1.45 -14.24	42.72 2.91 -1.22	61.65 4.13 0.00	247.08 16.10 0.00	39.68 2.65 0.00	36.88 2.51 0.00	32.34 2.10 -2.40
ROTTSDAM_115KV_TB3 80664	38.79 -0.12 -42.29	34.62 0.04 -33.46	31.76 0.03 -31.12	30.15 0.31 -21.44	30.84 0.36 -20.68	29.92 0.17 -25.15	73.04 0.66 -55.49	49.57 0.94 -22.53	28.29 0.91 -0.20	26.25 0.91 0.00	31.60 0.53 -15.82	91.24 2.33 -22.97	33.50 0.14 -29.16	32.03 0.13 -28.12	35.82 -0.04 -36.89	38.52 -0.09 -41.15	37.68 0.45 -24.69	36.66 0.72 -16.74	41.51 1.48 -1.44	59.72 2.21 0.00	239.72 8.74 0.00	38.49 1.46 0.00	35.80 1.43 0.00	31.71 1.14 -2.73
RUSSELL____1 23602	-2.69 0.10 -0.59	1.54 -0.04 -0.47	1.02 -0.04 -0.43	8.43 -0.28 -0.30	9.80 -0.29 -0.29	4.82 -0.12 -0.35	17.22 -0.45 -0.77	26.29 -0.63 -0.81	27.20 -0.43 -0.46	25.32 -0.30 -0.28	15.30 -0.17 -0.22	33.21 -0.21 32.50	6.87 -0.08 -2.75	6.40 -0.08 -2.71	2.51 0.02 -3.53	1.43 0.04 -3.93	14.61 -0.26 -2.34	20.11 -0.56 -1.47	37.50 -0.91 0.19	54.92 -1.42 1.18	226.49 -4.49 0.00	32.78 -0.80 3.45	30.65 -0.95 2.77	21.19 -0.74 5.92
RUSSELL____2 23532	-2.69 0.10 -0.59	1.54 -0.04 -0.47	1.02 -0.04 -0.43	8.43 -0.28 -0.30	9.80 -0.29 -0.29	4.82 -0.12 -0.35	17.22 -0.45 -0.77	26.29 -0.63 -0.81	27.20 -0.43 -0.46	25.32 -0.30 -0.28	15.30 -0.17 -0.22	33.21 -0.21 32.50	6.87 -0.08 -2.75	6.40 -0.08 -2.71	2.51 0.02 -3.53	1.43 0.04 -3.93	14.61 -0.26 -2.34	20.11 -0.56 -1.47	37.50 -0.91 0.19	54.92 -1.42 1.18	226.49 -4.49 0.00	32.78 -0.80 3.45	30.65 -0.95 2.77	21.19 -0.74 5.92
RUSSELL____3 23549	-2.69 0.10 -0.59	1.54 -0.04 -0.47	1.02 -0.04 -0.43	8.43 -0.28 -0.30	9.80 -0.29 -0.29	4.82 -0.12 -0.35	17.22 -0.45 -0.77	26.29 -0.63 -0.81	27.20 -0.43 -0.46	25.32 -0.30 -0.28	15.30 -0.17 -0.22	33.21 -0.21 32.50	6.87 -0.08 -2.75	6.40 -0.08 -2.71	2.51 0.02 -3.53	1.43 0.04 -3.93	14.61 -0.26 -2.34	20.11 -0.56 -1.47	37.50 -0.91 0.19	54.92 -1.42 1.18	226.49 -4.49 0.00	32.78 -0.80 3.45	30.65 -0.95 2.77	21.19 -0.74 5.92
RUSSELL____4 23556	-2.69 0.10 -0.59	1.54 -0.04 -0.47	1.02 -0.04 -0.43	8.43 -0.28 -0.30	9.80 -0.29 -0.29	4.82 -0.12 -0.35	17.22 -0.45 -0.77	26.29 -0.63 -0.81	27.20 -0.43 -0.46	25.32 -0.30 -0.28	15.30 -0.17 -0.22	33.21 -0.21 32.50	6.87 -0.08 -2.75	6.40 -0.08 -2.71	2.51 0.02 -3.53	1.43 0.04 -3.93	14.61 -0.26 -2.34	20.11 -0.56 -1.47	37.50 -0.91 0.19	54.92 -1.42 1.18	226.49 -4.49 0.00	32.78 -0.80 3.45	30.65 -0.95 2.77	21.19 -0.74 5.92
RUSSELL____STATION 23914	-2.69 0.10 -0.59	1.54 -0.04 -0.47	1.02 -0.04 -0.43	8.43 -0.28 -0.30	9.80 -0.29 -0.29	4.82 -0.12 -0.35	17.22 -0.45 -0.77	26.29 -0.63 -0.81	27.20 -0.43 -0.46	25.32 -0.30 -0.28	15.30 -0.17 -0.22	33.21 -0.21 32.50	6.87 -0.08 -2.75	6.40 -0.08 -2.71	2.51 0.02 -3.53	1.43 0.04 -3.93	14.61 -0.26 -2.34	20.11 -0.56 -1.47	37.50 -0.91 0.19	54.92 -1.42 1.18	226.49 -4.49 0.00	32.78 -0.80 3.45	30.65 -0.95 2.77	21.19 -0.74 5.92

S SALMON___HYD 24043	-3.26 0.11 0.00	1.08 -0.03 0.00	0.59 -0.03 0.00	8.11 -0.29 0.00	9.48 -0.33 0.00	4.45 -0.15 0.00	15.06 -0.52 1.31	25.37 -0.73 0.00	26.41 -0.76 0.00	24.61 -0.73 0.00	14.73 -0.52 0.00	64.73 -2.27 -1.08	6.03 -0.14 -1.97	5.56 -0.12 -1.90	1.48 0.03 -2.49	0.32 0.08 -2.78	13.80 -0.41 -1.67	19.69 -0.63 -1.13	37.57 -1.12 -0.10	56.34 -1.18 0.00	227.27 -3.71 0.00	36.14 -0.89 0.00	33.41 -0.96 0.00	24.43 -0.87 2.54
S.PERRY___115KV_TB1 80734	-2.53 0.06 -0.79	8.70 -0.04 -7.63	1.66 -0.04 -1.08	20.45 -0.27 -12.32	30.58 -0.24 -21.01	24.78 -0.10 -20.28	41.43 -0.34 -24.88	45.27 -0.73 -19.89	47.11 -0.55 -20.49	28.82 -0.75 -4.24	15.11 -0.45 -0.31	-0.14 -0.18 65.88	8.44 -0.17 -4.40	19.39 -0.12 -15.73	13.66 0.05 -14.65	8.82 0.09 -11.27	15.17 -0.50 -3.13	27.40 -0.82 -9.03	79.50 -1.29 -42.19	74.23 -1.25 -17.96	246.51 -1.76 -17.29	58.74 -0.30 -22.00	73.69 -0.69 -40.02	48.59 -0.62 -21.36
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	-2.44 0.22 -0.71	-0.31 -0.08 1.34	0.94 -0.07 -0.39	4.94 -0.59 2.88	3.91 -0.64 5.25	-0.66 -0.29 4.96	10.03 -1.16 5.70	21.33 -1.78 3.00	21.88 -1.32 3.97	24.34 -1.00 0.00	14.98 -0.55 -0.27	10.86 -1.38 53.68	7.10 -0.21 -3.11	3.54 -0.19 0.05	0.57 0.06 -1.54	0.73 0.12 -3.15	14.59 -0.76 -2.80	17.52 -1.37 0.30	23.46 -2.60 12.54	45.51 -4.22 7.78	210.90 -15.14 4.94	20.71 -2.45 13.87	14.41 -2.44 17.52	6.81 -1.82 19.21
SAWYER___23_KV_LOAD 55526	-2.44 0.22 -0.71	-0.31 -0.08 1.34	0.94 -0.07 -0.39	4.94 -0.59 2.88	3.91 -0.64 5.25	-0.66 -0.29 4.96	10.03 -1.16 5.70	21.33 -1.78 3.00	21.88 -1.32 3.97	24.34 -1.00 0.00	14.98 -0.55 -0.27	10.86 -1.38 53.68	7.10 -0.21 -3.11	3.54 -0.19 0.05	0.57 0.06 -1.54	0.73 0.12 -3.15	14.59 -0.76 -2.80	17.52 -1.37 0.30	23.46 -2.60 12.54	45.51 -4.22 7.78	210.90 -15.14 4.94	20.71 -2.45 13.87	14.41 -2.44 17.52	6.81 -1.82 19.21
SELKIRK___I 23801	37.46 -0.14 -40.97	33.58 0.04 -32.43	30.81 0.03 -30.15	29.53 0.35 -20.77	30.25 0.41 -20.04	29.14 0.18 -24.37	71.33 0.67 -53.77	48.86 0.92 -21.83	28.26 0.89 -0.20	26.17 0.84 0.00	31.12 0.53 -15.33	89.98 1.95 -22.10	32.31 0.14 -27.96	30.89 0.14 -26.97	34.31 -0.04 -35.38	36.84 -0.09 -39.46	36.65 0.43 -23.68	35.94 0.69 -16.06	41.39 1.42 -1.37	59.56 2.05 0.00	238.93 7.95 0.00	38.44 1.41 0.00	35.77 1.41 0.00	31.69 1.17 -2.67
SELKIRK___II 23799	37.70 -0.13 -41.20	33.75 0.04 -32.60	30.97 0.03 -30.32	29.60 0.31 -20.89	30.30 0.35 -20.14	29.25 0.15 -24.50	71.53 0.58 -54.06	48.92 0.86 -21.95	28.22 0.85 -0.20	26.15 0.81 0.00	31.18 0.51 -15.41	90.17 2.00 -22.24	32.49 0.14 -28.14	31.06 0.14 -27.14	34.53 -0.03 -35.60	37.08 -0.09 -39.71	36.82 0.45 -23.83	36.05 0.69 -16.16	41.32 1.34 -1.38	59.35 1.83 0.00	237.92 6.94 0.00	38.29 1.27 0.00	35.64 1.28 0.00	31.53 1.07 -2.62
SENECA OSWGO___HYD 24041	-3.27 0.11 0.00	1.08 -0.04 0.00	0.60 -0.02 0.00	8.13 -0.27 0.00	9.50 -0.31 0.00	4.46 -0.13 0.00	16.18 -0.46 0.26	25.45 -0.66 0.00	26.51 -0.66 0.00	24.64 -0.70 0.00	14.78 -0.47 0.00	65.32 -1.77 -1.17	6.22 -0.11 -2.12	5.72 -0.11 -2.05	1.68 0.03 -2.68	0.52 0.06 -2.99	13.98 -0.36 -1.80	19.84 -0.58 -1.22	37.56 -1.15 -0.10	55.95 -1.57 0.00	225.01 -5.97 0.00	36.07 -0.96 0.00	33.44 -0.93 0.00	26.64 -0.77 0.43
SENECA___115KV_TB3 355854	-2.39 0.25 -0.74	-0.36 -0.07 1.41	0.95 -0.07 -0.40	4.84 -0.55 3.01	3.71 -0.61 5.49	-0.87 -0.26 5.20	9.64 -1.04 6.22	21.25 -1.59 3.27	21.72 -1.15 4.30	24.23 -0.92 0.18	15.05 -0.48 -0.28	6.95 -1.34 57.64	7.21 -0.20 -3.21	3.40 -0.17 0.21	0.49 0.06 -1.46	0.77 0.11 -3.19	14.74 -0.70 -2.90	17.56 -1.22 0.42	22.73 -2.29 13.58	45.48 -3.63 8.41	212.89 -12.74 5.34	19.98 -2.09 14.96	13.36 -2.09 18.92	5.44 -1.70 20.70
SENECA___ENERGY 23797	-2.61 0.09 -0.67	2.13 -0.03 -1.05	1.13 -0.02 -0.53	9.40 -0.23 -1.22	11.41 -0.24 -1.84	6.37 -0.09 -1.87	19.30 -0.32 -2.72	26.78 -0.52 -1.19	27.83 -0.46 -1.12	24.92 -0.66 -0.24	15.10 -0.41 -0.25	41.16 -1.33 23.44	7.27 -0.10 -3.17	7.57 -0.08 -3.87	3.65 0.03 -4.65	2.35 0.06 -4.83	14.87 -0.31 -2.64	20.88 -0.53 -2.22	40.65 -0.92 -2.98	57.24 -1.02 -0.73	229.06 -3.17 -1.25	35.99 -0.57 0.48	34.90 -0.67 -1.21	25.33 -0.55 1.97
SHOEMAKER___GT 23640	32.46 -0.21 -36.05	29.69 0.06 -28.52	27.19 0.04 -26.53	27.13 0.45 -18.28	27.95 0.51 -17.62	26.28 0.25 -21.44	65.19 1.01 -47.30	46.85 1.54 -19.19	29.04 1.71 -0.17	26.82 1.48 0.00	29.54 0.89 -13.40	96.82 4.39 -26.50	27.99 0.29 -23.49	26.67 0.23 -22.66	28.62 -0.06 -29.72	30.45 -0.16 -33.15	33.27 0.84 -19.89	34.01 1.30 -13.51	42.48 2.65 -1.23	61.60 3.90 -0.18	246.54 15.56 0.00	40.34 2.53 -0.78	37.39 2.38 -0.64	33.48 1.99 -3.65
SHOEMAKR_138KV_BK 111 55601	32.38 -0.19 -35.94	29.62 0.06 -28.44	27.11 0.04 -26.45	27.07 0.44 -18.22	27.89 0.51 -17.57	26.22 0.25 -21.38	65.06 1.00 -47.16	46.79 1.54 -19.14	29.05 1.71 -0.17	26.83 1.49 0.00	29.52 0.90 -13.36	96.93 4.51 -26.49	27.91 0.30 -23.41	26.60 0.24 -22.58	28.51 -0.06 -29.62	30.33 -0.17 -33.03	33.21 0.85 -19.82	33.98 1.32 -13.46	42.51 2.69 -1.22	61.61 3.91 -0.19	246.46 15.48 0.00	40.33 2.52 -0.79	37.41 2.40 -0.64	33.48 1.98 -3.66
SHOREHAM_IC_1 23715	48.95 -0.29 -52.61	50.68 0.08 -49.48	44.19 0.06 -43.50	42.67 0.63 -33.64	38.81 0.73 -28.28	49.31 0.34 -44.37	71.50 1.37 -53.23	58.90 2.11 -30.67	59.68 2.46 -30.05	46.87 1.76 -19.77	52.93 0.94 -36.73	101.57 5.40 -30.24	47.37 0.39 -42.77	47.35 0.31 -43.26	52.73 -0.09 -53.85	53.86 -0.21 -56.61	56.23 1.06 -42.63	60.88 1.67 -40.02	90.07 3.60 -47.88	109.50 5.20 -46.78	306.61 20.96 -54.67	91.69 3.36 -51.30	51.75 3.16 -14.22	54.11 2.65 -23.62
SHOREHAM_IC_2 23716	48.95 -0.29 -52.61	50.68 0.08 -49.48	44.19 0.06 -43.50	42.67 0.63 -33.64	38.81 0.73 -28.28	49.31 0.34 -44.37	71.50 1.37 -53.23	58.90 2.11 -30.67	59.68 2.46 -30.05	46.87 1.76 -19.77	52.93 0.94 -36.73	101.57 5.40 -30.24	47.37 0.39 -42.77	47.35 0.31 -43.26	52.73 -0.09 -53.85	53.86 -0.21 -56.61	56.23 1.06 -42.63	60.88 1.67 -40.02	90.07 3.60 -47.88	109.50 5.20 -46.78	306.61 20.96 -54.67	91.69 3.36 -51.30	51.75 3.16 -14.22	54.11 2.65 -23.62
SISSONVILLE____ 23735	-3.23 0.15 0.00	1.07 -0.05 0.00	0.59 -0.03 0.00	8.03 -0.37 0.00	9.36 -0.44 0.00	4.37 -0.23 0.00	13.51 -0.92 2.46	24.76 -1.35 0.00	25.80 -1.37 0.00	24.31 -1.03 0.00	14.66 -0.59 0.00	63.11 -3.09 -0.27	4.49 -0.21 -0.50	4.04 -0.22 -0.48	-0.35 0.06 -0.63	-1.65 0.18 -0.70	12.14 -0.83 -0.42	18.31 -1.18 -0.29	36.38 -2.24 -0.03	54.70 -2.82 0.00	220.48 -10.50 0.00	35.09 -1.93 0.00	32.40 -1.97 0.00	21.40 -1.61 4.84
SITHE_IND_GS1 24169	-3.27 0.11 0.00	1.08 -0.03 0.00	0.60 -0.02 0.00	8.15 -0.25 0.00	9.52 -0.28 0.00	4.47 -0.13 0.00	16.44 -0.45 0.00	25.41 -0.70 0.00	26.48 -0.70 0.00	24.67 -0.67 0.00	14.83 -0.42 0.00	65.22 -1.58 -0.88	5.70 -0.11 -1.60	5.23 -0.10 -1.55	1.02 0.03 -2.03	-0.21 0.06 -2.26	13.55 -0.34 -1.36	19.53 -0.59 -0.92	37.44 -1.24 -0.08	55.70 -1.82 0.00	223.85 -7.13 0.00	35.90 -1.13 0.00	33.33 -1.04 0.00	27.10 -0.82 -0.08

SITHE_IND_GS2 24170	-3.27 0.11 0.00	1.08 -0.03 0.00	0.60 -0.02 0.00	8.15 -0.25 0.00	9.52 -0.28 0.00	4.47 -0.13 0.00	16.44 -0.45 0.00	25.41 -0.70 0.00	26.48 -0.70 0.00	24.67 -0.67 0.00	14.83 -0.42 0.00	65.22 -1.58 -0.88	5.70 -0.11 -1.60	5.23 -0.10 -1.55	1.02 0.03 -2.03	-0.21 0.06 -2.26	13.55 -0.34 -1.36	19.53 -0.59 -0.92	37.44 -1.24 -0.08	55.70 -1.82 0.00	223.85 -7.13 0.00	35.90 -1.13 0.00	33.33 -1.04 0.00	27.10 -0.82 -0.08
SITHE_IND_GS3 24171	-3.27 0.11 0.00	1.08 -0.03 0.00	0.60 -0.02 0.00	8.15 -0.25 0.00	9.52 -0.28 0.00	4.47 -0.13 0.00	16.44 -0.45 0.00	25.41 -0.70 0.00	26.48 -0.70 0.00	24.67 -0.67 0.00	14.83 -0.42 0.00	65.22 -1.58 -0.88	5.70 -0.11 -1.60	5.23 -0.10 -1.55	1.02 0.03 -2.03	-0.21 0.06 -2.26	13.55 -0.34 -1.36	19.53 -0.59 -0.92	37.44 -1.24 -0.08	55.70 -1.82 0.00	223.85 -7.13 0.00	35.90 -1.13 0.00	33.33 -1.04 0.00	27.10 -0.82 -0.08
SITHE_IND_GS4 24172	-3.27 0.11 0.00	1.08 -0.03 0.00	0.60 -0.02 0.00	8.15 -0.25 0.00	9.52 -0.28 0.00	4.47 -0.13 0.00	16.44 -0.45 0.00	25.41 -0.70 0.00	26.48 -0.70 0.00	24.67 -0.67 0.00	14.83 -0.42 0.00	65.22 -1.58 -0.88	5.70 -0.11 -1.60	5.23 -0.10 -1.55	1.02 0.03 -2.03	-0.21 0.06 -2.26	13.55 -0.34 -1.36	19.53 -0.59 -0.92	37.44 -1.24 -0.08	55.70 -1.82 0.00	223.85 -7.13 0.00	35.90 -1.13 0.00	33.33 -1.04 0.00	27.10 -0.82 -0.08
SITHE___BATAVIA 24024	-2.56 0.16 -0.65	0.61 -0.04 0.46	0.98 -0.05 -0.41	6.75 -0.32 1.33	6.91 -0.35 2.56	2.09 -0.12 2.38	13.82 -0.49 2.58	23.82 -0.85 1.44	24.41 -0.72 2.04	24.58 -0.76 0.00	15.04 -0.45 -0.24	22.04 -1.02 42.86	6.94 -0.19 -2.92	4.84 -0.15 -1.21	1.45 0.06 -2.43	1.04 0.10 -3.47	14.48 -0.63 -2.56	18.62 -1.11 -0.53	30.18 -1.73 6.68	50.52 -2.37 4.63	221.23 -7.16 2.59	27.11 -1.06 8.85	22.82 -1.08 10.47	14.16 -0.91 12.78
SITHE___INDEPEND 23800	-3.28 0.10 0.00	1.08 -0.03 0.00	0.60 -0.02 0.00	8.15 -0.25 0.00	9.53 -0.28 0.00	4.47 -0.13 0.00	16.44 -0.45 0.00	25.41 -0.70 0.00	26.48 -0.69 0.00	24.67 -0.67 0.00	14.83 -0.42 0.00	65.22 -1.58 -0.88	5.70 -0.11 -1.60	5.23 -0.10 -1.55	1.02 0.03 -2.03	-0.21 0.06 -2.26	13.55 -0.34 -1.36	19.52 -0.59 -0.92	37.44 -1.24 -0.08	55.69 -1.83 0.00	223.83 -7.15 0.00	35.90 -1.13 0.00	33.31 -1.06 0.00	27.10 -0.82 -0.08
SITHE___MASSENA 23902	-3.32 0.05 0.00	1.10 -0.02 0.00	0.61 -0.01 0.00	8.30 -0.10 0.00	9.68 -0.12 0.00	4.53 -0.06 0.00	15.49 -0.33 1.08	25.65 -0.46 0.00	26.66 -0.50 0.00	24.92 -0.42 0.00	15.03 -0.22 0.00	64.66 -1.27 0.00	4.12 -0.08 0.00	3.70 -0.08 0.00	-1.02 0.02 0.00	-2.47 0.07 0.00	12.25 -0.29 0.00	18.80 -0.39 0.00	37.84 -0.75 0.00	56.55 -0.97 0.00	227.40 -3.58 0.00	36.34 -0.69 0.00	33.59 -0.78 0.00	25.04 -0.65 2.15
SITHE___OGDNSBRG 24021	-3.33 0.05 0.00	1.10 -0.02 0.00	0.61 -0.01 0.00	8.30 -0.10 0.00	9.70 -0.11 0.00	4.54 -0.05 0.00	14.66 -0.31 1.92	25.67 -0.44 0.00	26.62 -0.55 0.00	24.76 -0.58 0.00	14.91 -0.34 0.00	64.18 -1.97 -0.22	4.47 -0.13 -0.40	4.03 -0.13 -0.38	-0.50 0.03 -0.50	-1.87 0.11 -0.56	12.39 -0.49 -0.34	18.75 -0.67 -0.23	37.43 -1.19 -0.02	56.49 -1.03 0.00	228.07 -2.91 0.00	36.36 -0.67 0.00	33.55 -0.82 0.00	23.38 -0.68 3.79
SITHE___STERLING 23777	-3.41 -0.04 0.00	1.13 0.01 0.00	0.62 0.00 0.00	8.49 0.09 0.00	9.93 0.12 0.00	4.67 0.07 0.00	18.41 0.31 -1.20	26.57 0.46 0.00	27.66 0.49 0.00	25.71 0.38 0.00	15.34 0.08 0.00	67.02 0.20 -0.89	5.82 0.00 -1.62	5.36 0.01 -1.56	1.01 0.00 -2.05	-0.27 -0.01 -2.29	14.01 0.09 -1.37	20.28 0.15 -0.93	39.31 0.63 -0.08	58.99 1.47 0.00	238.04 7.06 0.00	37.93 0.90 0.00	35.08 0.71 0.00	30.82 0.46 -2.52
SLEIGHT__34_KV_TB1 80719	-2.67 0.11 -0.60	1.55 -0.04 -0.47	1.03 -0.03 -0.44	8.41 -0.29 -0.30	9.79 -0.31 -0.29	4.83 -0.12 -0.36	17.22 -0.46 -0.78	25.65 -0.70 -0.24	26.54 -0.64 0.00	24.88 -0.64 -0.18	15.07 -0.41 -0.22	39.17 -1.34 25.41	6.85 -0.12 -2.78	6.38 -0.12 -2.72	2.54 0.03 -3.55	1.48 0.06 -3.96	14.50 -0.39 -2.35	20.04 -0.66 -1.51	37.34 -1.13 0.12	55.16 -1.52 0.84	226.04 -4.94 0.00	33.39 -0.90 2.74	31.18 -0.99 2.20	22.39 -0.79 4.67
SOUTH CAIRO___GT 23612	36.67 -0.23 -40.27	33.06 0.08 -31.87	30.31 0.05 -29.64	29.40 0.57 -20.42	30.16 0.66 -19.69	28.86 0.31 -23.95	70.96 1.22 -52.85	49.31 1.75 -21.46	28.86 1.50 -0.19	26.59 1.25 0.00	31.06 0.72 -15.09	90.30 2.68 -21.70	31.80 0.17 -27.42	30.42 0.19 -26.44	33.61 -0.05 -34.69	36.03 -0.13 -38.69	36.43 0.68 -23.22	36.04 1.10 -15.74	42.22 2.27 -1.35	61.26 3.74 0.00	245.70 14.72 0.00	39.65 2.62 0.00	36.77 2.40 0.00	32.34 1.87 -2.63
SOUTH HAMPTN___IC 23720	48.94 -0.28 -52.60	50.65 0.08 -49.46	44.17 0.06 -43.48	42.65 0.62 -33.62	38.78 0.70 -28.27	49.27 0.33 -44.34	71.45 1.33 -53.23	58.80 2.02 -30.66	59.51 2.32 -30.03	46.91 1.82 -19.75	52.95 0.99 -36.71	101.04 4.87 -30.24	47.32 0.35 -42.76	47.31 0.28 -43.25	52.72 -0.08 -53.83	53.86 -0.19 -56.59	56.15 0.99 -42.62	60.78 1.59 -39.99	89.93 3.49 -47.83	109.32 5.06 -46.74	306.11 20.50 -54.63	91.52 3.24 -51.26	51.61 3.03 -14.21	53.96 2.52 -23.60
SOUTHDOW__115KV_TB1 355954	-2.44 0.15 -0.78	0.60 -0.06 0.45	1.06 -0.07 -0.50	6.55 -0.42 1.43	6.63 -0.42 2.76	1.74 -0.18 2.67	11.04 -0.58 5.27	22.46 -0.81 2.84	22.99 -0.42 3.76	24.70 -0.33 0.31	15.43 -0.12 -0.29	1.91 -0.12 63.90	7.51 -0.11 -3.41	4.07 -0.06 -0.35	1.01 0.05 -2.00	1.13 0.07 -3.60	15.07 -0.52 -3.05	18.29 -0.84 0.06	25.12 -1.46 12.02	47.71 -1.97 7.83	221.51 -4.78 4.69	21.24 -1.28 14.51	15.27 -1.39 17.71	6.06 -1.24 20.55
SOUTHOLD_69_KV_BK 2 55809	48.98 -0.25 -52.60	50.65 0.08 -49.46	44.17 0.06 -43.48	42.60 0.58 -33.62	38.71 0.63 -28.27	49.23 0.29 -44.34	71.34 1.22 -53.23	58.59 1.82 -30.66	59.28 2.08 -30.03	46.68 1.59 -19.75	52.81 0.84 -36.71	100.36 4.20 -30.24	47.27 0.31 -42.76	47.27 0.25 -43.25	52.72 -0.07 -53.83	53.88 -0.17 -56.59	56.04 0.88 -42.62	60.64 1.46 -39.99	89.66 3.23 -47.84	108.92 4.66 -46.74	304.46 18.85 -54.63	91.21 2.93 -51.26	51.34 2.76 -14.21	53.71 2.27 -23.60
SOUTHOLD___IC 23719	48.96 -0.26 -52.60	50.65 0.07 -49.46	44.17 0.06 -43.48	42.61 0.58 -33.62	38.71 0.63 -28.27	49.23 0.29 -44.34	71.33 1.21 -53.23	58.59 1.81 -30.66	59.29 2.09 -30.03	46.68 1.59 -19.75	52.81 0.84 -36.71	100.38 4.22 -30.24	47.27 0.31 -42.76	47.27 0.25 -43.25	52.72 -0.07 -53.83	53.88 -0.17 -56.59	56.04 0.88 -42.62	60.64 1.45 -39.99	89.66 3.22 -47.84	108.92 4.65 -46.74	304.48 18.87 -54.63	91.22 2.94 -51.26	51.32 2.74 -14.21	53.72 2.28 -23.60
SOUTH_FORK_WT_PWR 323839	49.00 -0.22 -52.60	50.64 0.06 -49.46	44.16 0.06 -43.48	42.52 0.50 -33.62	38.58 0.51 -28.27	49.17 0.23 -44.34	71.10 0.98 -53.23	58.21 1.44 -30.66	58.88 1.68 -30.03	46.29 1.19 -19.75	52.56 0.60 -36.71	99.32 3.16 -30.24	47.21 0.24 -42.76	47.21 0.19 -43.25	52.74 -0.05 -53.83	53.92 -0.13 -56.59	55.85 0.69 -42.62	60.36 1.16 -39.99	89.11 2.67 -47.84	108.11 3.85 -46.74	301.25 15.64 -54.63	90.70 2.41 -51.26	50.83 2.25 -14.21	53.31 1.86 -23.60

SPIERFLS_115KV_TB 1 80737	38.50	34.50	31.65	30.30	31.06	29.97	73.42	50.34	29.20	27.15	31.99	92.85	33.42	31.97	35.56	38.20	37.88	37.20	43.06	61.91	248.24	39.84	36.99	32.60
	-0.23	0.07	0.04	0.55	0.67	0.33	1.28	1.80	1.83	1.81	0.98	4.08	0.23	0.24	-0.06	-0.16	0.80	1.37	3.03	4.39	17.26	2.82	2.62	2.05
	-42.10	-33.32	-30.98	-21.35	-20.58	-25.04	-55.24	-22.43	-0.20	0.00	-15.75	-22.84	-28.98	-27.95	-36.66	-40.89	-24.54	-16.64	-1.43	0.00	0.00	0.00	0.00	-2.71
ST LAWRENCE____ 23600	-3.31	1.09	0.61	8.28	9.65	4.52	15.91	25.52	26.50	24.74	14.92	64.25	4.10	3.69	-1.01	-2.47	12.23	18.75	37.72	56.30	226.21	36.19	33.44	25.93
	0.07	-0.02	-0.01	-0.13	-0.16	-0.08	-0.41	-0.59	-0.67	-0.60	-0.33	-1.68	-0.10	-0.09	0.02	0.07	-0.31	-0.44	-0.88	-1.22	-4.77	-0.84	-0.92	-0.77
	0.00	0.00	0.00	0.00	0.00	0.00	0.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.14
STATE_CA_115KV_115_LB 55624	38.04	34.04	31.23	29.82	30.51	29.47	72.05	49.17	28.31	26.24	31.37	90.51	32.82	31.39	34.93	37.53	37.15	36.33	41.52	59.55	238.66	38.45	35.78	31.67
	-0.13	0.05	0.03	0.35	0.39	0.17	0.64	0.93	0.94	0.90	0.57	2.12	0.15	0.16	-0.04	-0.10	0.50	0.80	1.53	2.03	7.68	1.42	1.41	1.17
	-41.55	-32.88	-30.57	-21.06	-20.31	-24.71	-54.51	-22.13	-0.20	0.00	-15.54	-22.47	-28.46	-27.45	-36.01	-40.17	-24.10	-16.34	-1.40	0.00	0.00	0.00	0.00	-2.65
STATE_ST_34_KV_LOAD 55959	-2.67	1.95	1.14	9.18	10.98	5.85	18.85	26.88	27.77	25.06	15.28	49.67	7.34	7.27	3.36	2.17	15.14	21.07	40.04	58.27	233.16	36.55	34.80	26.23
	0.02	-0.01	-0.01	-0.08	-0.05	0.00	-0.03	-0.10	-0.07	-0.28	-0.23	-0.50	-0.05	-0.04	0.01	0.02	-0.07	-0.17	-0.25	0.14	1.48	0.14	0.06	0.05
	-0.69	-0.84	-0.53	-0.86	-1.22	-1.26	-1.99	-0.87	-0.67	0.00	-0.26	15.75	-3.18	-3.53	-4.39	-4.69	-2.67	-2.04	-1.69	-0.61	-0.70	0.62	-0.37	1.67
STATION 5_MISC_HYD 23604	-2.65	1.54	1.02	8.40	9.76	4.81	17.16	26.19	27.10	25.22	15.24	32.99	6.86	6.39	2.51	1.44	14.55	20.02	37.31	54.62	225.33	32.60	30.58	21.04
	0.14	-0.04	-0.04	-0.30	-0.33	-0.13	-0.51	-0.74	-0.53	-0.41	-0.23	-0.40	-0.09	-0.10	0.03	0.05	-0.33	-0.64	-1.10	-1.72	-5.66	-0.97	-1.03	-0.88
	-0.59	-0.47	-0.43	-0.30	-0.29	-0.35	-0.77	-0.82	-0.46	-0.28	-0.22	32.53	-2.75	-2.71	-3.53	-3.93	-2.34	-1.47	0.19	1.18	0.00	3.46	2.77	5.93
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	-2.68	1.55	1.03	8.45	9.84	4.84	17.29	26.23	27.09	25.14	15.18	35.63	6.92	6.46	2.60	1.53	14.63	20.18	37.57	55.23	227.11	33.19	31.02	21.79
	0.09	-0.04	-0.03	-0.26	-0.27	-0.11	-0.39	-0.59	-0.45	-0.47	-0.30	-0.80	-0.10	-0.09	0.03	0.05	-0.30	-0.54	-0.87	-1.19	-3.87	-0.69	-0.82	-0.66
	-0.60	-0.47	-0.44	-0.30	-0.29	-0.36	-0.79	-0.72	-0.37	-0.27	-0.23	29.49	-2.82	-2.77	-3.61	-4.03	-2.39	-1.52	0.16	1.10	0.00	3.15	2.53	5.40
STA_56_34_KV_BUS2_REV_LBMP_B 345033	-2.66	1.53	1.01	8.36	9.73	4.79	17.08	26.00	26.92	25.06	15.14	33.61	6.82	6.35	2.50	1.43	14.46	19.93	37.12	54.36	224.08	32.51	30.40	21.11
	0.13	-0.05	-0.04	-0.34	-0.37	-0.16	-0.58	-0.87	-0.67	-0.54	-0.33	-0.87	-0.12	-0.12	0.03	0.06	-0.40	-0.73	-1.30	-2.01	-6.90	-1.18	-1.28	-1.00
	-0.58	-0.46	-0.43	-0.30	-0.29	-0.35	-0.77	-0.76	-0.42	-0.26	-0.22	31.45	-2.73	-2.69	-3.50	-3.91	-2.32	-1.47	0.18	1.14	0.00	3.35	2.68	5.73
STA_56____34_KV_BUS2 355983	-2.66	1.53	1.01	8.36	9.73	4.79	17.08	26.00	26.92	25.06	15.14	33.61	6.82	6.35	2.50	1.43	14.46	19.93	37.12	54.36	224.08	32.51	30.40	21.11
	0.13	-0.05	-0.04	-0.34	-0.37	-0.16	-0.58	-0.87	-0.67	-0.54	-0.33	-0.87	-0.12	-0.12	0.03	0.06	-0.40	-0.73	-1.30	-2.01	-6.90	-1.18	-1.28	-1.00
	-0.58	-0.46	-0.43	-0.30	-0.29	-0.35	-0.77	-0.76	-0.42	-0.26	-0.22	31.45	-2.73	-2.69	-3.50	-3.91	-2.32	-1.47	0.18	1.14	0.00	3.35	2.68	5.73
STA_67____115KV_BK2 355882	-2.67	1.54	1.02	8.38	9.76	4.81	17.12	26.14	27.06	25.18	15.22	32.86	6.85	6.38	2.52	1.44	14.52	19.98	37.20	54.48	224.78	32.52	30.43	21.02
	0.12	-0.04	-0.04	-0.32	-0.34	-0.14	-0.54	-0.78	-0.57	-0.44	-0.26	-0.55	-0.10	-0.10	0.03	0.05	-0.35	-0.69	-1.21	-1.86	-6.20	-1.06	-1.17	-0.90
	-0.59	-0.47	-0.43	-0.30	-0.29	-0.35	-0.77	-0.81	-0.46	-0.28	-0.22	32.51	-2.75	-2.71	-3.53	-3.93	-2.34	-1.47	0.19	1.18	0.00	3.45	2.77	5.92
STA_7____115KV_9TRANS 80674	-2.69	1.54	1.02	8.43	9.80	4.82	17.22	26.29	27.20	25.32	15.30	33.21	6.87	6.40	2.51	1.43	14.61	20.11	37.50	54.92	226.49	32.78	30.65	21.19
	0.10	-0.04	-0.04	-0.28	-0.29	-0.12	-0.45	-0.63	-0.43	-0.30	-0.17	-0.21	-0.08	-0.08	0.02	0.04	-0.26	-0.56	-0.91	-1.42	-4.49	-0.80	-0.95	-0.74
	-0.59	-0.47	-0.43	-0.30	-0.29	-0.35	-0.77	-0.81	-0.46	-0.28	-0.22	32.50	-2.75	-2.71	-3.53	-3.93	-2.34	-1.47	0.19	1.18	0.00	3.45	2.77	5.92
STA_82____115KV_TB1 80780	-2.66	1.53	1.02	8.38	9.75	4.80	17.11	26.13	27.04	25.16	15.19	32.66	6.85	6.39	2.53	1.46	14.50	19.96	37.15	54.40	224.53	32.45	30.38	20.97
	0.12	-0.04	-0.04	-0.32	-0.34	-0.14	-0.55	-0.81	-0.61	-0.48	-0.28	-0.61	-0.11	-0.11	0.03	0.05	-0.37	-0.71	-1.25	-1.94	-6.45	-1.11	-1.21	-0.93
	-0.59	-0.47	-0.43	-0.30	-0.29	-0.35	-0.77	-0.83	-0.47	-0.29	-0.22	32.66	-2.75	-2.72	-3.54	-3.94	-2.34	-1.47	0.19	1.19	0.00	3.47	2.78	5.95
STEEL____WIND 323596	-2.39	-0.36	0.95	4.83	3.69	-0.88	9.60	21.20	21.65	24.18	15.03	6.84	7.21	3.40	0.49	0.77	14.72	17.53	22.65	45.40	212.52	19.95	13.31	5.39
	0.25	-0.07	-0.07	-0.56	-0.63	-0.27	-1.07	-1.64	-1.21	-0.97	-0.50	-1.44	-0.20	-0.17	0.07	0.12	-0.73	-1.25	-2.36	-3.72	-13.12	-2.12	-2.14	-1.75
	-0.74	1.41	-0.40	3.01	5.49	5.20	6.22	3.27	4.30	0.18	-0.28	57.64	-3.21	0.21	-1.46	-3.19	-2.90	0.42	13.58	8.41	5.34	14.96	18.92	20.70
STEPHTWN_115KV_BK_2 55603	37.80	33.86	31.06	29.74	30.45	29.35	71.84	49.20	28.45	26.33	31.31	90.43	32.60	31.19	34.65	37.22	36.99	36.27	41.65	59.79	239.63	38.58	35.90	31.73
	-0.14	0.05	0.03	0.39	0.44	0.19	0.74	1.08	1.08	0.99	0.60	2.19	0.15	0.16	-0.04	-0.10	0.54	0.86	1.67	2.27	8.65	1.56	1.53	1.26
	-41.31	-32.69	-30.40	-20.95	-20.20	-24.57	-54.21	-22.01	-0.20	0.00	-15.45	-22.31	-28.24	-27.24	-35.73	-39.86	-23.91	-16.22	-1.39	0.00	0.00	0.00	0.00	-2.63
STEBEN_REC_LFGE 323667	-2.19	6.43	1.62	16.05	23.12	17.99	35.73	37.31	39.70	26.09	14.54	-33.93	9.07	17.37	12.69	8.90	15.50	25.62	68.43	65.26	231.55	47.38	59.27	33.94
	0.17	-0.10	-0.08	-0.71	-0.71	-0.35	-1.29	-2.27	-1.89	-1.80	-1.11	-1.18	-0.38	-0.30	0.11	0.21	-1.01	-1.51	-2.76	-3.73	-12.98	-1.96	-2.49	-1.99
	-1.02	-5.41	-1.08	-8.36	-14.02	-13.75	-20.13	-13.46	-14.43	-2.55	-0.40	98.67	-5.25	-13.89	-13.61	-11.23	-3.98	-7.93	-32.58	-11.46	-13.55	-12.32	-27.39	-8.09
STILLWATER____SOLAR 323814	38.43	34.42	31.57	30.18	30.91	29.85	73.05	49.96	28.82	26.78	31.77	92.03	33.29	31.84	35.45	38.09	37.68	36.92	42.48	61.11	245.11	39.35	36.60	32.31
	-0.20	0.06	0.04	0.48	0.56	0.27	1.04	1.47	1.45	1.44	0.80	3.33	0.20	0.20	-0.06	-0.13	0.68	1.14	2.46	3.58	14.13	2.32	2.23	1.77
	-42.01	-33.24	-30.91	-21.30	-20.54	-24.98	-55.12	-22.38	-0.20	0.00	-15.71	-22.78	-28.89	-27.86	-36.55	-40.76	-24.46	-16.59	-1.42	0.00	0.00	0.00	0.00	-2.70

STONY___BROOK 24151	48.98 -0.30 -52.65	50.72 0.08 -49.53	44.22 0.06 -43.54	42.72 0.65 -33.67	38.86 0.75 -28.30	49.37 0.36 -44.42	71.56 1.42 -53.24	59.00 2.20 -30.69	59.85 2.58 -30.10	47.31 2.16 -19.80	53.24 1.22 -36.77	101.98 5.79 -30.26	47.42 0.41 -42.81	47.41 0.33 -43.30	52.76 -0.09 -53.89	53.88 -0.23 -56.64	56.34 1.13 -42.67	61.03 1.78 -40.06	90.35 3.80 -47.95	109.87 5.49 -46.86	307.83 22.08 -54.76	91.94 3.52 -51.39	51.92 3.30 -14.25	54.27 2.77 -23.65
STURGEON_POOL_HYD 23609	34.02 -0.21 -37.60	30.93 0.07 -29.75	28.33 0.04 -27.67	27.95 0.48 -19.06	28.75 0.56 -18.38	27.23 0.27 -22.36	67.34 1.11 -49.34	47.91 1.77 -20.03	29.43 2.08 -0.18	27.12 1.78 0.00	30.48 1.09 -14.13	91.24 5.19 -20.12	29.86 0.34 -25.32	28.48 0.28 -24.41	30.91 -0.08 -32.03	32.99 -0.20 -35.72	34.99 1.02 -21.43	35.30 1.57 -14.53	43.02 3.17 -1.25	62.18 4.66 0.00	249.35 18.37 0.00	40.01 2.98 0.00	37.18 2.81 0.00	32.56 2.27 -2.45
ST_LAW_115_BK7_LBMP 345037	-3.30 0.07 0.00	1.09 -0.02 0.00	0.61 -0.01 0.00	8.26 -0.14 0.00	9.64 -0.17 0.00	4.51 -0.09 0.00	15.79 -0.44 0.66	25.47 -0.64 0.00	26.45 -0.72 0.00	24.70 -0.64 0.00	14.90 -0.35 0.00	64.15 -1.78 0.00	4.09 -0.11 0.00	3.68 -0.10 0.00	-1.01 0.02 0.00	-2.46 0.08 0.00	12.20 -0.34 0.00	18.72 -0.48 0.00	37.64 -0.95 0.00	56.21 -1.31 0.00	225.73 -5.25 0.00	36.11 -0.92 0.00	33.37 -1.00 0.00	25.69 -0.83 1.32
ST_LAW_115_BK8_LBMP 345038	-3.30 0.07 0.00	1.09 -0.02 0.00	0.61 -0.01 0.00	8.26 -0.14 0.00	9.64 -0.17 0.00	4.51 -0.09 0.00	15.79 -0.44 0.66	25.47 -0.64 0.00	26.45 -0.72 0.00	24.70 -0.64 0.00	14.90 -0.35 0.00	64.15 -1.78 0.00	4.09 -0.11 0.00	3.68 -0.10 0.00	-1.01 0.02 0.00	-2.46 0.08 0.00	12.20 -0.34 0.00	18.72 -0.48 0.00	37.64 -0.95 0.00	56.21 -1.31 0.00	225.73 -5.25 0.00	36.11 -0.92 0.00	33.37 -1.00 0.00	25.69 -0.83 1.32
ST_LAW_230_BK5_LBMP 345035	-3.31 0.07 0.00	1.09 -0.02 0.00	0.61 -0.01 0.00	8.28 -0.13 0.00	9.65 -0.16 0.00	4.52 -0.08 0.00	15.99 -0.41 0.49	25.52 -0.59 0.00	26.50 -0.67 0.00	24.74 -0.60 0.00	14.92 -0.33 0.00	64.25 -1.68 0.00	4.10 -0.10 0.00	3.69 -0.09 0.00	-1.01 0.02 0.00	-2.47 0.07 0.00	12.23 -0.31 0.00	18.75 -0.44 0.00	37.72 -0.88 0.00	56.30 -1.22 0.00	226.21 -4.77 0.00	36.19 -0.84 0.00	33.44 -0.92 0.00	26.09 -0.77 0.98
ST_LAW_230_BK6_LBMP 345036	-3.31 0.07 0.00	1.09 -0.02 0.00	0.61 -0.01 0.00	8.28 -0.13 0.00	9.65 -0.16 0.00	4.52 -0.08 0.00	15.99 -0.41 0.49	25.52 -0.59 0.00	26.50 -0.67 0.00	24.74 -0.60 0.00	14.92 -0.33 0.00	64.25 -1.68 0.00	4.10 -0.10 0.00	3.69 -0.09 0.00	-1.01 0.02 0.00	-2.47 0.07 0.00	12.23 -0.31 0.00	18.75 -0.44 0.00	37.72 -0.88 0.00	56.30 -1.22 0.00	226.21 -4.77 0.00	36.19 -0.84 0.00	33.44 -0.92 0.00	26.09 -0.77 0.98
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	32.81 -0.20 -36.39	29.97 0.06 -28.79	27.44 0.04 -26.78	27.32 0.46 -18.45	28.13 0.53 -17.79	26.50 0.26 -21.64	65.71 1.07 -47.74	47.14 1.65 -19.37	29.21 1.86 -0.17	26.98 1.64 0.00	29.77 0.99 -13.52	97.56 5.10 -26.53	28.31 0.33 -23.77	26.98 0.27 -22.93	28.96 -0.07 -30.08	30.82 -0.19 -33.55	33.63 0.96 -20.13	34.34 1.47 -13.67	42.80 2.97 -1.24	61.97 4.27 -0.18	247.80 16.82 0.00	40.52 2.73 -0.76	37.58 2.59 -0.62	33.64 2.14 -3.65
SWANROAD_115KV_TB1 355699	-2.41 0.27 -0.69	0.08 -0.08 0.95	0.95 -0.08 -0.40	5.56 -0.65 2.19	5.05 -0.72 4.05	0.47 -0.32 3.81	11.28 -1.26 4.35	21.65 -2.12 2.33	22.36 -1.67 3.14	23.93 -1.41 0.00	14.71 -0.80 -0.26	14.34 -1.92 49.67	6.97 -0.28 -3.04	4.08 -0.21 -0.51	0.99 0.09 -1.94	0.94 0.16 -3.31	14.33 -0.93 -2.71	17.58 -1.68 -0.06	25.60 -2.97 10.03	45.89 -5.18 6.45	207.12 -19.93 3.93	22.32 -2.93 11.78	17.11 -2.72 14.54	9.26 -2.03 16.56
SYNERGY___BIOGAS 323694	-2.60 0.12 -0.65	0.61 -0.04 0.46	0.98 -0.05 -0.41	6.74 -0.33 1.33	6.93 -0.33 2.56	2.09 -0.13 2.38	13.82 -0.49 2.58	23.83 -0.84 1.44	24.43 -0.70 2.04	24.60 -0.74 0.00	15.05 -0.45 -0.24	22.07 -0.99 42.86	6.94 -0.19 -2.92	4.84 -0.15 -1.21	1.45 0.06 -2.43	1.04 0.10 -3.47	14.48 -0.63 -2.56	18.61 -1.12 -0.53	30.19 -1.73 6.68	50.51 -2.38 4.63	221.22 -7.16 2.59	27.10 -1.07 8.85	22.72 -1.18 10.47	14.19 -0.87 12.78
SYRACUSE___ENERGY_ST1 323597	-2.81 0.04 -0.53	1.52 -0.01 -0.42	1.00 -0.01 -0.39	8.57 -0.10 -0.27	9.97 -0.10 -0.26	4.88 -0.04 -0.32	17.49 -0.10 -0.70	26.24 -0.16 -0.29	27.04 -0.13 0.00	25.12 -0.22 0.00	15.27 -0.19 -0.20	57.65 -0.44 7.83	6.80 -0.03 -2.63	6.29 -0.03 -2.54	2.30 0.01 -3.33	1.19 0.02 -3.71	14.69 -0.08 -2.23	20.52 -0.15 -1.48	38.38 -0.25 -0.04	57.09 -0.20 0.22	230.61 -0.36 0.00	35.96 -0.12 0.95	33.42 -0.17 0.78	26.17 -0.13 1.54
SYRACUSE___ENERGY_ST2 323598	-2.81 0.04 -0.53	1.52 -0.01 -0.42	1.00 -0.01 -0.39	8.57 -0.10 -0.27	9.97 -0.10 -0.26	4.88 -0.04 -0.32	17.49 -0.10 -0.70	26.24 -0.16 -0.29	27.04 -0.13 0.00	25.12 -0.22 0.00	15.27 -0.19 -0.20	57.65 -0.44 7.83	6.80 -0.03 -2.63	6.29 -0.03 -2.54	2.30 0.01 -3.33	1.19 0.02 -3.71	14.69 -0.08 -2.23	20.52 -0.15 -1.48	38.38 -0.25 -0.04	57.09 -0.20 0.22	230.61 -0.36 0.00	35.96 -0.12 0.95	33.42 -0.17 0.78	26.17 -0.13 1.54
SYRACUSE___POWER 24017	-2.79 0.03 -0.56	1.54 -0.01 -0.44	1.02 -0.01 -0.41	8.59 -0.10 -0.28	9.98 -0.10 -0.27	4.89 -0.04 -0.33	17.52 -0.10 -0.73	26.28 -0.13 -0.30	27.07 -0.10 0.00	25.15 -0.18 0.00	15.30 -0.16 -0.21	67.27 -0.28 -1.62	6.97 -0.03 -2.79	6.46 -0.02 -2.69	2.50 0.01 -3.53	1.41 0.01 -3.94	14.85 -0.05 -2.36	20.70 -0.10 -1.60	38.59 -0.14 -0.15	57.59 -0.08 -0.15	231.20 0.22 0.00	37.00 -0.03 0.00	34.28 -0.09 0.00	27.91 -0.09 -0.15
TALLMAN__138KV_BK151 55660	33.23 -0.22 -36.82	30.32 0.07 -29.14	27.76 0.05 -27.10	27.57 0.49 -18.67	28.38 0.57 -18.00	26.78 0.29 -21.90	66.37 1.16 -48.32	47.53 1.81 -19.61	29.40 2.05 -0.17	27.16 1.82 0.00	30.05 1.10 -13.70	98.35 5.86 -26.56	28.75 0.38 -24.17	27.40 0.31 -23.31	29.46 -0.08 -30.58	31.35 -0.22 -34.11	34.09 1.09 -20.46	34.74 1.65 -13.90	43.06 3.28 -1.19	62.42 4.73 -0.17	249.68 18.70 0.00	40.77 3.01 -0.73	37.82 2.85 -0.60	33.85 2.37 -3.63
TEALLAVE_115KV_TB7 355573	-3.33 0.05 0.00	1.09 -0.02 0.00	0.61 -0.02 0.00	8.26 -0.14 0.00	9.66 -0.15 0.00	4.53 -0.06 0.00	16.71 -0.18 0.00	25.88 -0.23 0.00	26.97 -0.20 0.00	25.09 -0.25 0.00	15.05 -0.20 0.00	66.74 -0.49 -1.30	6.53 -0.04 -2.37	6.03 -0.03 -2.28	1.96 0.01 -2.99	0.82 0.02 -3.34	14.44 -0.10 -2.00	20.36 -0.19 -1.36	38.37 -0.34 -0.12	57.12 -0.40 0.00	229.82 -1.16 0.00	36.78 -0.25 0.00	34.08 -0.29 0.00	27.73 -0.24 -0.13
TELGRAPH_34_KV_EAST 80808	-2.51 0.20 -0.67	0.34 -0.06 0.71	0.96 -0.06 -0.40	6.15 -0.49 1.76	5.99 -0.52 3.30	1.28 -0.23 3.09	12.56 -0.88 3.45	22.77 -1.47 1.87	23.46 -1.13 2.58	24.38 -0.96 0.00	14.94 -0.56 -0.25	18.80 -1.18 45.95	6.96 -0.22 -2.98	4.47 -0.17 -0.86	1.22 0.07 -2.19	0.97 0.12 -3.38	14.45 -0.73 -2.63	18.18 -1.32 -0.30	28.04 -2.24 8.31	48.33 -3.67 5.51	214.53 -13.20 3.25	24.79 -1.98 10.26	19.98 -1.95 12.43	11.81 -1.45 14.58

TEMPLE___115KV_TB 2 55572	-3.33 0.05 0.00	1.09 -0.02 0.00	0.61 -0.02 0.00	8.27 -0.14 0.00	9.67 -0.14 0.00	4.54 -0.06 0.00	16.72 -0.18 0.00	26.14 -0.23 -0.26	26.98 -0.19 0.00	25.10 -0.24 0.00	15.20 -0.19 -0.13	66.79 -0.45 -1.32	6.57 -0.04 -2.39	6.06 -0.03 -2.31	2.00 0.01 -3.03	0.86 0.02 -3.38	14.47 -0.10 -2.03	20.39 -0.18 -1.38	38.41 -0.31 -0.12	57.15 -0.37 0.00	229.87 -1.11 0.00	36.79 -0.24 0.00	34.09 -0.28 0.00	27.74 -0.23 -0.13
TIANA___69_KV_BK 1 55817	48.95 -0.27 -52.60	50.66 0.08 -49.46	44.17 0.06 -43.48	42.66 0.64 -33.62	38.80 0.72 -28.27	49.28 0.34 -44.34	71.50 1.38 -53.23	58.88 2.10 -30.66	59.61 2.41 -30.03	47.01 1.92 -19.75	53.01 1.05 -36.71	101.29 5.12 -30.24	47.33 0.37 -42.76	47.32 0.30 -43.25	52.71 -0.08 -53.83	53.85 -0.20 -56.59	56.19 1.03 -42.62	60.85 1.66 -39.99	90.05 3.62 -47.84	109.50 5.24 -46.74	306.85 21.24 -54.63	91.65 3.36 -51.26	51.75 3.17 -14.21	54.06 2.62 -23.60
TILDEN___115KV_TB1 80814	-2.79 0.03 -0.56	1.54 -0.01 -0.44	1.02 -0.01 -0.41	8.59 -0.10 -0.28	9.98 -0.10 -0.27	4.89 -0.04 -0.33	17.52 -0.10 -0.73	26.28 -0.13 -0.30	27.07 -0.10 0.00	25.15 -0.18 0.00	15.30 -0.16 -0.21	67.27 -0.28 -1.62	6.97 -0.03 -2.79	6.46 -0.02 -2.69	2.50 0.01 -3.53	1.41 0.01 -3.94	14.85 -0.05 -2.36	20.70 -0.10 -1.60	38.59 -0.14 -0.14	57.59 -0.08 -0.15	231.20 0.22 0.00	37.00 -0.03 0.00	34.28 -0.09 0.00	27.91 -0.09 -0.15
TRIGEN___CC 323695	60.19 -0.25 -63.82	65.33 0.08 -64.14	55.95 0.06 -55.27	53.46 0.60 -44.45	46.13 0.68 -35.64	65.60 0.33 -60.68	74.47 1.34 -56.25	66.64 2.07 -38.46	80.03 2.52 -50.33	61.74 2.23 -34.17	69.94 1.35 -53.34	110.48 6.63 -37.93	60.59 0.45 -55.94	61.57 0.37 -57.42	69.16 -0.10 -70.31	69.66 -0.25 -72.45	72.23 1.23 -58.46	79.92 1.89 -58.83	124.32 3.85 -81.87	143.82 5.43 -80.87	347.04 21.55 -94.51	129.18 3.48 -88.67	62.18 3.22 -24.59	69.64 2.71 -39.08
TRINITY___115KV___ 4 BK 55933	37.86 -0.11 -41.35	33.87 0.04 -32.72	31.08 0.03 -30.43	29.68 0.32 -20.96	30.37 0.35 -20.22	29.33 0.15 -24.59	71.71 0.56 -54.25	48.95 0.82 -22.03	28.20 0.82 -0.20	26.13 0.79 0.00	31.22 0.50 -15.47	90.06 1.80 -22.33	32.62 0.14 -28.28	31.19 0.14 -27.27	34.70 -0.04 -35.77	37.28 -0.09 -39.90	36.93 0.45 -23.94	36.13 0.70 -16.24	41.32 1.33 -1.39	59.23 1.71 0.00	237.45 6.48 0.00	38.26 1.24 0.00	35.64 1.27 0.00	31.54 1.06 -2.63
UNION___PROCESSING_DRP 323587	-2.66 0.12 -0.59	1.53 -0.05 -0.47	1.02 -0.04 -0.43	8.38 -0.32 -0.30	9.75 -0.34 -0.29	4.80 -0.14 -0.35	17.12 -0.55 -0.77	26.11 -0.81 -0.82	27.03 -0.61 -0.46	25.15 -0.47 -0.28	15.19 -0.28 -0.22	32.65 -0.61 32.66	6.86 -0.11 -2.76	6.39 -0.11 -2.72	2.53 0.03 -3.54	1.46 0.05 -3.94	14.50 -0.37 -2.34	19.96 -0.71 -1.48	37.16 -1.25 0.19	54.41 -1.93 1.19	224.55 -6.43 0.00	32.46 -1.09 3.47	30.38 -1.21 2.78	20.97 -0.93 5.95
UPPER HUDSON___HYD 24058	38.49 -0.24 -42.10	34.50 0.07 -33.32	31.65 0.04 -30.98	30.30 0.56 -21.35	31.06 0.67 -20.58	29.97 0.33 -25.04	73.42 1.28 -55.24	50.33 1.80 -22.43	29.21 1.83 -0.20	27.16 1.82 0.00	31.99 0.98 -15.75	92.85 4.08 -22.84	33.42 0.23 -28.98	31.97 0.24 -27.95	35.56 -0.06 -36.66	38.20 -0.16 -40.89	37.88 0.80 -24.54	37.20 1.36 -16.64	43.05 3.03 -1.43	61.91 4.39 0.00	248.25 17.27 0.00	39.84 2.81 0.00	36.99 2.62 0.00	32.60 2.05 -2.71
UPPER RAQUET___HYD 24056	-3.22 0.15 0.00	1.07 -0.04 0.00	0.59 -0.03 0.00	8.03 -0.38 0.00	9.37 -0.44 0.00	4.37 -0.23 0.00	13.52 -0.92 2.46	24.77 -1.34 0.00	25.81 -1.36 0.00	24.32 -1.02 0.00	14.66 -0.59 0.00	63.17 -3.03 -0.27	4.49 -0.21 -0.50	4.04 -0.22 -0.48	-0.35 0.06 -0.63	-1.65 0.18 -0.70	12.14 -0.83 -0.42	18.31 -1.18 -0.29	36.38 -2.24 -0.03	54.70 -2.82 0.00	220.46 -10.52 0.00	35.10 -1.93 0.00	32.39 -1.98 0.00	21.40 -1.60 4.84
VALLEY44___115KV_TB2 355964	-2.41 0.16 -0.80	0.90 -0.06 0.15	1.09 -0.06 -0.53	7.04 -0.42 0.94	7.45 -0.44 1.92	2.53 -0.19 1.88	11.57 -0.71 4.61	22.50 -1.07 2.54	23.20 -0.59 3.38	24.34 -0.63 0.37	15.22 -0.33 -0.30	-1.36 -0.54 66.74	7.58 -0.14 -3.52	4.44 -0.06 -0.72	1.36 0.05 -2.35	1.40 0.09 -3.85	15.08 -0.58 -3.12	18.46 -0.90 -0.17	26.07 -1.63 10.90	47.70 -2.45 7.37	218.76 -7.98 4.23	21.68 -1.32 14.03	16.26 -1.39 16.72	6.57 -1.12 20.16
VALLEY___115KV_TB 1-4 80826	-3.55 -0.18 0.00	1.16 0.04 0.00	0.64 0.02 0.00	8.67 0.27 0.00	10.12 0.31 0.00	4.74 0.15 0.00	17.78 0.47 -0.42	26.71 0.60 0.00	27.71 0.54 0.00	25.82 0.48 0.00	15.53 0.28 0.00	67.28 1.35 0.00	4.20 0.00 0.00	3.81 0.03 0.00	-1.05 -0.01 0.00	-2.57 -0.03 0.00	12.60 0.06 0.00	19.69 0.49 0.00	39.95 1.35 0.00	60.01 2.50 0.00	241.17 10.19 0.00	38.45 1.42 0.00	35.60 1.23 0.00	29.56 0.89 -0.83
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	-1.05 -0.25 -2.57	3.48 0.06 -2.31	2.56 0.02 -1.91	10.66 0.49 -1.77	12.49 0.61 -2.07	7.21 0.30 -2.31	22.52 1.28 -4.35	29.43 1.87 -1.46	29.18 1.85 -0.16	26.45 1.41 0.29	16.72 0.50 -0.97	108.51 2.26 -40.32	10.31 0.16 -5.94	9.63 0.16 -5.69	6.40 -0.04 -7.48	5.69 -0.11 -8.34	18.12 0.56 -5.03	23.83 1.12 -3.52	41.59 2.22 -0.78	62.46 4.44 -0.51	251.40 20.42 0.00	43.45 2.71 -3.71	37.84 1.72 -1.75	34.35 1.39 -5.12
VISCHER___FERRY HYD 24020	38.18 -0.16 -41.72	34.17 0.05 -33.01	31.36 0.03 -30.70	29.94 0.39 -21.15	30.66 0.45 -20.40	29.62 0.21 -24.81	72.43 0.80 -54.74	49.50 1.17 -22.22	28.55 1.17 -0.20	26.48 1.14 0.00	31.53 0.67 -15.60	91.19 2.69 -22.58	32.99 0.18 -28.61	31.55 0.18 -27.59	35.10 -0.05 -36.19	37.71 -0.12 -40.37	37.36 0.60 -24.22	36.59 0.97 -16.43	41.97 1.96 -1.41	60.28 2.76 0.00	241.63 10.65 0.00	38.89 1.86 0.00	36.23 1.86 0.00	32.01 1.50 -2.67
V_A_10_SYNC_DSASP 323832	-2.55 0.20 -0.63	0.59 -0.07 0.46	0.96 -0.06 -0.40	6.59 -0.51 1.31	6.75 -0.56 2.50	2.02 -0.25 2.33	13.35 -1.01 2.53	23.15 -1.54 1.42	24.00 -1.15 2.01	24.47 -0.87 0.00	15.01 -0.48 -0.24	23.79 -1.32 40.82	6.87 -0.17 -2.84	4.78 -0.17 -1.17	1.37 0.05 -2.36	0.93 0.09 -3.37	14.38 -0.65 -2.49	18.52 -1.19 -0.51	29.79 -2.28 6.52	49.38 -3.66 4.48	215.36 -13.08 2.54	26.34 -2.14 8.54	22.10 -2.12 10.15	13.96 -1.59 12.30
V_CMM_10_SYNC_DSASP 323787	-3.32 0.05 0.00	1.10 -0.02 0.00	0.61 -0.01 0.00	8.31 -0.10 0.00	9.68 -0.13 0.00	4.53 -0.06 0.00	15.87 -0.36 0.66	25.59 -0.52 0.00	26.58 -0.59 0.00	24.82 -0.53 0.00	14.98 -0.28 0.00	64.37 -1.56 0.00	4.11 -0.09 0.00	3.70 -0.08 0.00	-1.02 0.02 0.00	-2.47 0.07 0.00	12.27 -0.27 0.00	18.81 -0.39 0.00	37.84 -0.76 0.00	56.45 -1.07 0.00	226.30 -4.68 0.00	36.20 -0.83 0.00	33.51 -0.86 0.00	25.82 -0.70 1.32
V_CMP_10_SYNC_DSASP 323788	-3.33 0.04 0.00	1.10 -0.01 0.00	0.62 0.00 0.00	8.37 -0.03 0.00	9.78 -0.03 0.00	4.57 -0.02 0.00	16.22 -0.29 0.39	25.75 -0.36 0.00	26.66 -0.51 0.00	24.91 -0.43 0.00	15.04 -0.20 0.00	64.64 -1.29 0.00	4.17 -0.04 0.00	3.73 -0.05 0.00	-1.03 0.01 0.00	-2.49 0.05 0.00	12.33 -0.21 0.00	18.99 -0.20 0.00	38.21 -0.39 0.00	57.03 -0.49 0.00	229.70 -1.28 0.00	36.75 -0.28 0.00	33.83 -0.54 0.00	26.56 -0.52 0.77

V_D_10_SYNC_DSASP 323841	-3.33 0.05 0.00	1.10 -0.02 0.00	0.61 -0.01 0.00	8.31 -0.10 0.00	9.68 -0.12 0.00	4.54 -0.06 0.00	15.51 -0.33 1.06	25.66 -0.45 0.00	26.66 -0.51 0.00	24.91 -0.43 0.00	15.04 -0.21 0.00	64.66 -1.26 0.00	4.12 -0.08 0.00	3.70 -0.08 0.00	-1.02 0.02 0.00	-2.47 0.07 0.00	12.26 -0.28 0.00	18.81 -0.39 0.00	37.85 -0.75 0.00	56.56 -0.96 0.00	227.46 -3.52 0.00	36.34 -0.68 0.00	33.60 -0.77 0.00	25.09 -0.64 2.11
V_E_10_SYNC_DSASP 323830	1.05 -0.29 -4.71	5.31 0.03 -4.16	4.12 0.00 -3.49	11.81 0.28 -3.13	13.69 0.31 -3.58	8.78 0.15 -4.03	25.43 0.79 -7.75	30.00 1.05 -2.84	28.79 1.05 -0.56	25.65 0.53 0.22	16.96 -0.06 -1.77	87.61 -0.45 -22.13	12.02 0.02 -7.80	11.92 0.02 -8.13	9.32 0.01 -10.34	8.68 -0.04 -11.25	19.22 0.11 -6.57	24.62 0.52 -4.91	43.11 1.62 -2.90	64.23 4.38 -2.33	250.69 18.73 -0.98	42.37 2.00 -3.34	38.86 1.07 -3.42	33.62 0.83 -4.94
V_F_30_NSYNC___DSASP 323816	38.48 -0.19 -42.05	34.45 0.06 -33.28	31.61 0.04 -30.94	30.20 0.48 -21.32	30.93 0.57 -20.56	29.87 0.27 -25.01	73.12 1.05 -55.17	49.99 1.48 -22.40	28.85 1.47 -0.20	26.80 1.46 0.00	31.80 0.82 -15.73	92.16 3.43 -22.81	33.34 0.21 -28.93	31.88 0.20 -27.90	35.50 -0.06 -36.60	38.15 -0.14 -40.82	37.73 0.69 -24.49	36.96 1.16 -16.61	42.49 2.47 -1.42	61.12 3.60 0.00	245.18 14.20 0.00	39.35 2.33 0.00	36.61 2.24 0.00	32.32 1.77 -2.70
V_F_30_SYNC_DSASP 323786	38.03 -0.13 -41.53	34.03 0.05 -32.86	31.22 0.03 -30.56	29.81 0.35 -21.06	30.51 0.39 -20.31	29.46 0.17 -24.70	72.03 0.64 -54.50	49.16 0.92 -22.12	28.31 0.94 -0.20	26.24 0.90 0.00	31.36 0.57 -15.54	90.44 2.06 -22.46	32.81 0.15 -28.45	31.38 0.16 -27.44	34.92 -0.04 -35.99	37.51 -0.10 -40.15	37.13 0.50 -24.09	36.32 0.79 -16.33	41.51 1.52 -1.40	59.55 2.03 0.00	238.66 7.68 0.00	38.44 1.42 0.00	35.78 1.41 0.00	31.67 1.17 -2.65
V_XM_10_SYNC_DSASP 323789	-3.33 0.04 0.00	1.10 -0.01 0.00	0.62 0.00 0.00	8.37 -0.03 0.00	9.78 -0.03 0.00	4.57 -0.02 0.00	16.22 -0.29 0.39	25.75 -0.36 0.00	26.66 -0.51 0.00	24.91 -0.43 0.00	15.04 -0.20 0.00	64.64 -1.29 0.00	4.17 -0.04 0.00	3.73 -0.05 0.00	-1.03 0.01 0.00	-2.49 0.05 0.00	12.33 -0.21 0.00	18.99 -0.20 0.00	38.21 -0.39 0.00	57.03 -0.49 0.00	229.70 -1.28 0.00	36.75 -0.28 0.00	33.83 -0.54 0.00	26.56 -0.52 0.77
W.BABYLN_69_KV_BK1 56697	50.72 -0.30 -54.40	53.02 0.09 -51.82	46.06 0.06 -45.37	44.46 0.70 -35.36	40.07 0.80 -29.45	51.95 0.39 -46.96	72.09 1.53 -53.66	60.10 2.38 -31.61	62.44 2.77 -32.50	49.25 2.38 -21.53	55.39 1.38 -38.76	103.62 6.51 -31.18	49.04 0.45 -44.38	49.14 0.37 -44.99	54.72 -0.10 -55.86	55.75 -0.25 -58.54	58.35 1.24 -44.57	63.44 1.93 -42.31	94.65 4.02 -52.03	114.25 5.79 -50.94	313.70 23.18 -59.54	96.65 3.75 -55.87	53.42 3.55 -15.49	56.32 2.97 -25.51
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	33.34 -0.23 -36.95	30.42 0.07 -29.24	27.86 0.05 -27.19	27.66 0.53 -18.73	28.47 0.60 -18.07	26.87 0.30 -21.97	66.60 1.22 -48.48	47.69 1.90 -19.68	29.51 2.16 -0.18	27.26 1.92 0.00	30.16 1.17 -13.74	98.60 6.10 -26.58	28.88 0.39 -24.28	27.52 0.32 -23.42	29.59 -0.09 -30.72	31.50 -0.23 -34.26	34.24 1.14 -20.56	34.89 1.73 -13.96	43.25 3.46 -1.19	62.66 4.97 -0.17	250.72 19.74 0.00	40.92 3.17 -0.73	37.95 2.99 -0.59	33.95 2.47 -3.63
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	33.83 -0.23 -37.43	30.81 0.07 -29.62	28.22 0.05 -27.55	27.91 0.52 -18.98	28.71 0.60 -18.30	27.16 0.30 -22.26	67.22 1.21 -49.12	47.99 1.94 -19.93	29.65 2.30 -0.18	27.43 2.09 0.00	30.44 1.26 -13.93	92.39 6.75 -19.71	29.35 0.44 -24.71	27.97 0.36 -23.83	30.12 -0.10 -31.26	32.08 -0.24 -34.87	34.69 1.23 -20.92	35.25 1.86 -14.19	43.50 3.69 -1.21	62.73 5.22 0.00	251.53 20.54 0.00	40.35 3.32 0.00	37.52 3.15 0.00	32.84 2.60 -2.39
W50THST__13_KV_LOAD 356117	33.81 -0.24 -37.43	30.81 0.08 -29.62	28.22 0.05 -27.55	27.94 0.56 -18.98	28.75 0.64 -18.30	27.18 0.32 -22.26	67.31 1.30 -49.12	48.13 2.08 -19.93	29.82 2.47 -0.18	27.59 2.25 0.00	30.54 1.36 -13.93	92.85 7.21 -19.71	29.38 0.47 -24.71	28.00 0.39 -23.83	30.12 -0.10 -31.26	32.07 -0.26 -34.87	34.78 1.32 -20.92	35.38 2.00 -14.19	43.75 3.94 -1.21	63.09 5.57 0.00	252.84 21.86 0.00	40.54 3.52 0.00	37.69 3.32 0.00	32.97 2.73 -2.39
WADING RIVER_IC_1 23522	48.92 -0.29 -52.59	50.64 0.08 -49.45	44.16 0.06 -43.47	42.65 0.63 -33.61	38.80 0.73 -28.26	49.28 0.35 -44.33	71.49 1.38 -53.22	58.89 2.12 -30.66	59.65 2.47 -30.02	47.05 1.96 -19.74	53.04 1.08 -36.70	101.56 5.40 -30.23	47.34 0.39 -42.75	47.33 0.31 -43.24	52.70 -0.08 -53.82	53.83 -0.21 -56.58	56.21 1.06 -42.61	60.86 1.68 -39.99	90.04 3.62 -47.82	109.49 5.25 -46.73	306.74 21.16 -54.61	91.64 3.38 -51.24	51.76 3.18 -14.21	54.10 2.67 -23.59
WADING RIVER_IC_2 23547	48.92 -0.29 -52.59	50.64 0.08 -49.45	44.16 0.06 -43.47	42.65 0.63 -33.61	38.80 0.73 -28.26	49.28 0.35 -44.33	71.49 1.38 -53.22	58.89 2.12 -30.66	59.65 2.47 -30.02	47.05 1.96 -19.74	53.04 1.08 -36.70	101.56 5.40 -30.23	47.34 0.39 -42.75	47.33 0.31 -43.24	52.70 -0.08 -53.82	53.83 -0.21 -56.58	56.21 1.06 -42.61	60.86 1.68 -39.99	90.04 3.62 -47.82	109.49 5.25 -46.73	306.74 21.16 -54.61	91.64 3.38 -51.24	51.76 3.18 -14.21	54.10 2.67 -23.59
WADING RIVER_IC_3 23601	48.92 -0.29 -52.59	50.64 0.08 -49.45	44.16 0.06 -43.47	42.65 0.63 -33.61	38.80 0.73 -28.26	49.28 0.35 -44.33	71.49 1.38 -53.22	58.89 2.12 -30.66	59.65 2.47 -30.02	47.05 1.96 -19.74	53.04 1.08 -36.70	101.56 5.40 -30.23	47.34 0.39 -42.75	47.33 0.31 -43.24	52.70 -0.08 -53.82	53.83 -0.21 -56.58	56.21 1.06 -42.61	60.86 1.68 -39.99	90.04 3.62 -47.82	109.49 5.25 -46.73	306.74 21.16 -54.61	91.64 3.38 -51.24	51.76 3.18 -14.21	54.10 2.67 -23.59
WALDENNY_12_KV_BK2 80841	-2.44 0.20 -0.73	-0.32 -0.07 1.36	0.95 -0.07 -0.40	4.94 -0.55 2.92	3.89 -0.59 5.33	-0.72 -0.26 5.05	9.86 -1.02 6.02	21.36 -1.58 3.17	21.87 -1.12 4.17	24.28 -0.89 0.17	15.06 -0.47 -0.27	8.11 -1.01 56.80	7.20 -0.20 -3.19	3.49 -0.16 0.13	0.55 0.06 -1.52	0.78 0.11 -3.20	14.73 -0.69 -2.88	17.62 -1.21 0.36	23.15 -2.25 13.20	45.67 -3.66 8.20	212.88 -12.91 5.19	20.35 -2.06 14.62	13.81 -2.12 18.44	5.97 -1.62 20.26
WALDEN___HYDRO 24148	33.29 -0.22 -36.88	30.36 0.07 -29.19	27.81 0.05 -27.14	27.60 0.50 -18.70	28.41 0.57 -18.03	26.81 0.28 -21.93	66.43 1.14 -48.39	47.59 1.82 -19.66	29.67 2.32 -0.18	27.31 1.97 0.00	30.49 1.19 -14.05	91.47 5.59 -19.95	29.64 0.37 -25.07	28.27 0.31 -24.18	30.59 -0.08 -31.71	32.62 -0.22 -35.37	34.89 1.13 -21.22	35.37 1.79 -14.39	43.53 3.70 -1.24	62.99 5.47 0.00	252.81 21.83 0.00	40.55 3.52 0.00	37.63 3.26 0.00	32.90 2.63 -2.43
WARRENSBURG____ 23737	38.50 -0.23 -42.10	34.50 0.07 -33.32	31.65 0.04 -30.98	30.30 0.55 -21.35	31.06 0.67 -20.58	29.97 0.33 -25.04	73.42 1.28 -55.24	50.34 1.80 -22.43	29.20 1.83 -0.20	27.15 1.81 0.00	31.99 0.98 -15.75	92.85 4.08 -22.84	33.42 0.23 -28.98	31.97 0.24 -27.95	35.56 -0.06 -36.66	38.20 -0.16 -40.89	37.88 0.80 -24.54	37.20 1.37 -16.64	43.06 3.03 -1.43	61.91 4.39 0.00	248.24 17.26 0.00	39.84 2.82 0.00	36.99 2.62 0.00	32.60 2.05 -2.71

WATERSIDE___6 8 9 23538	33.83 -0.23 -37.43	30.81 0.07 -29.62	28.22 0.05 -27.55	27.91 0.53 -18.98	28.70 0.59 -18.30	27.16 0.29 -22.26	67.19 1.18 -49.12	47.95 1.90 -19.94	29.62 2.27 -0.18	27.40 2.06 0.00	30.41 1.23 -13.93	92.20 6.57 -19.71	29.35 0.44 -24.71	27.96 0.35 -23.83	30.13 -0.09 -31.26	32.09 -0.24 -34.87	34.68 1.22 -20.92	35.22 1.84 -14.19	43.44 3.62 -1.21	62.59 5.07 0.00	250.89 19.91 0.00	40.29 3.26 0.00	37.46 3.09 0.00	32.80 2.56 -2.39
WATKINRD_115KV_LN8_ILLION 55919	-3.64 -0.26 0.00	1.17 0.06 0.00	0.65 0.03 0.00	8.82 0.41 0.00	10.31 0.50 0.00	4.83 0.23 0.00	18.06 0.75 -0.42	27.00 0.89 0.00	27.87 0.70 0.00	25.98 0.64 0.00	15.60 0.35 0.00	67.81 1.88 0.00	4.19 -0.02 0.00	3.81 0.03 0.00	-1.05 -0.01 0.00	-2.58 -0.04 0.00	12.63 0.09 0.00	19.89 0.70 0.00	40.52 1.92 0.00	61.16 3.64 0.00	246.07 15.09 0.00	39.27 2.24 0.00	36.39 2.02 0.00	30.19 1.51 -0.83
WDELAWARE___HYD 323627	31.02 -0.19 -34.57	28.52 0.05 -27.36	26.10 0.04 -25.45	26.32 0.39 -17.53	27.16 0.44 -16.91	25.38 0.22 -20.56	63.20 0.93 -45.37	46.01 1.47 -18.42	29.01 1.68 -0.17	26.68 1.34 0.00	29.05 0.79 -13.01	96.97 3.75 -27.29	27.62 0.23 -23.19	26.24 0.10 -22.36	28.27 -0.03 -29.34	30.10 -0.08 -32.72	32.63 0.46 -19.63	33.30 0.77 -13.34	41.65 1.81 -1.24	61.83 4.11 -0.20	247.34 16.36 0.00	40.51 2.59 -0.89	37.46 2.39 -0.70	33.56 1.94 -3.78
WEST BABYLON___IC 23714	50.72 -0.30 -54.40	53.02 0.09 -51.82	46.06 0.06 -45.37	44.46 0.70 -35.36	40.07 0.80 -29.45	51.95 0.39 -46.96	72.09 1.53 -53.66	60.10 2.38 -31.61	62.44 2.77 -32.50	49.25 2.38 -21.53	55.39 1.38 -38.76	103.62 6.51 -31.18	49.04 0.45 -44.38	49.14 0.37 -44.99	54.72 -0.10 -55.86	55.75 -0.25 -58.54	58.35 1.24 -44.57	63.44 1.93 -42.31	94.65 4.02 -52.03	114.25 5.79 -50.94	313.70 23.18 -59.54	96.65 3.75 -55.87	53.42 3.55 -15.49	56.32 2.97 -25.51
WEST CANADA___HYD 24049	-3.40 -0.02 0.00	1.12 0.01 0.00	0.63 0.00 0.00	8.45 0.05 0.00	9.87 0.06 0.00	4.62 0.03 0.00	17.43 0.11 -0.42	26.27 0.16 0.00	27.35 0.18 0.00	25.51 0.17 0.00	15.35 0.09 0.00	66.29 0.37 0.00	4.22 0.02 0.00	3.80 0.02 0.00	-1.04 -0.01 0.00	-2.55 -0.02 0.00	12.61 0.07 0.00	19.31 0.12 0.00	38.83 0.24 0.00	57.87 0.35 0.00	232.37 1.40 0.00	37.26 0.23 0.00	34.61 0.24 0.00	28.87 0.20 -0.83
WESTERN_NY_WIND 24143	-2.59 0.13 -0.65	0.53 -0.05 0.54	0.98 -0.05 -0.41	6.60 -0.34 1.47	6.68 -0.34 2.79	1.86 -0.13 2.60	13.52 -0.52 2.85	23.65 -0.89 1.57	24.23 -0.74 2.20	24.57 -0.77 0.00	15.03 -0.46 -0.24	21.06 -1.03 43.83	6.95 -0.19 -2.94	4.73 -0.16 -1.10	1.38 0.06 -2.36	1.01 0.10 -3.45	14.48 -0.64 -2.59	18.52 -1.14 -0.46	29.63 -1.78 7.19	50.14 -2.48 4.91	220.60 -7.58 2.80	26.61 -1.13 9.29	22.04 -1.24 11.08	13.59 -0.91 13.34
WESTOVER___LESR 323668	-1.70 0.03 -1.64	2.75 -0.02 -1.66	1.84 -0.02 -1.24	9.72 -0.12 -1.44	11.56 -0.11 -1.86	6.54 -0.04 -1.99	20.20 -0.09 -3.40	26.86 -0.15 -0.90	27.14 -0.08 -0.05	24.60 -0.24 0.49	15.66 -0.22 -0.63	144.86 0.73 -78.21	12.37 0.04 -8.13	11.99 0.04 -8.17	9.50 -0.01 -10.54	9.01 -0.03 -11.57	19.51 0.10 -6.86	24.53 0.19 -5.15	41.74 0.49 -2.66	60.59 0.85 -2.23	235.42 3.80 -0.64	46.05 0.52 -8.50	42.18 0.40 -7.41	43.33 0.33 -15.15
WETHRSFD_WT_PWR 323626	-2.27 0.29 -0.82	-5.27 -0.09 6.29	0.65 -0.08 -0.11	-3.72 -0.73 11.39	-11.03 -0.80 20.04	-14.82 -0.36 19.05	-4.81 -1.37 20.33	-16.09 -2.31 39.89	-10.07 -1.96 35.29	17.35 -1.83 6.16	14.53 -1.02 -0.30	-8.82 -2.40 72.35	7.06 -0.34 -3.19	-4.30 -0.29 7.79	-5.52 0.10 4.58	-2.82 0.20 0.47	14.74 -1.05 -3.25	13.06 -1.62 4.51	-3.79 -3.01 39.38	31.93 -4.22 21.37	200.37 -14.88 15.73	0.68 -2.49 33.85	-15.84 -2.70 47.51	-17.74 -2.19 43.39
WHAVSTOR_138KV_BK127 55557	33.38 -0.22 -36.98	30.44 0.07 -29.26	27.88 0.05 -27.21	27.64 0.49 -18.75	28.44 0.56 -18.08	26.86 0.27 -21.99	66.53 1.13 -48.52	47.56 1.76 -19.69	29.36 2.01 -0.18	27.13 1.79 0.00	30.10 1.09 -13.75	98.26 5.76 -26.58	28.88 0.37 -24.31	27.53 0.30 -23.44	29.63 -0.08 -30.75	31.55 -0.21 -34.30	34.19 1.06 -20.58	34.79 1.62 -13.98	43.02 3.22 -1.19	62.32 4.63 -0.17	249.33 18.35 0.00	40.71 2.96 -0.73	37.77 2.81 -0.59	33.81 2.34 -3.63
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	33.38 -0.22 -36.98	30.44 0.07 -29.26	27.88 0.05 -27.21	27.64 0.49 -18.75	28.44 0.56 -18.08	26.86 0.27 -21.99	66.53 1.13 -48.52	47.56 1.76 -19.69	29.36 2.01 -0.18	27.13 1.79 0.00	30.10 1.09 -13.75	98.26 5.76 -26.58	28.88 0.37 -24.31	27.53 0.30 -23.44	29.63 -0.08 -30.75	31.55 -0.21 -34.30	34.19 1.06 -20.58	34.79 1.62 -13.98	43.02 3.22 -1.19	62.32 4.63 -0.17	249.33 18.35 0.00	40.71 2.96 -0.73	37.77 2.81 -0.59	33.81 2.34 -3.63
WHITEHAL_115KV_TB1 80871	38.45 -0.26 -42.08	34.49 0.08 -33.30	31.64 0.05 -30.97	30.38 0.64 -21.33	31.18 0.79 -20.57	30.02 0.39 -25.02	73.63 1.53 -55.21	50.68 2.15 -22.42	29.62 2.24 -0.20	27.60 2.25 0.00	32.25 1.26 -15.74	93.27 4.52 -22.83	33.40 0.24 -28.95	31.99 0.29 -27.92	35.52 -0.07 -36.63	38.13 -0.19 -40.86	38.07 1.02 -24.51	37.62 1.80 -16.62	44.07 4.05 -1.43	63.05 5.54 0.00	252.41 21.43 0.00	40.65 3.62 0.00	37.75 3.38 0.00	33.16 2.61 -2.70
WHITEPLN_13_KV_LOAD 356215	33.79 -0.24 -37.41	30.79 0.08 -29.60	28.20 0.05 -27.53	27.93 0.56 -18.97	28.74 0.65 -18.29	27.17 0.32 -22.25	67.28 1.30 -49.09	48.09 2.05 -19.92	29.73 2.38 -0.18	27.46 2.13 0.00	30.46 1.28 -13.92	92.16 6.55 -19.68	29.32 0.43 -24.69	27.95 0.35 -23.81	30.10 -0.10 -31.23	32.05 -0.24 -34.84	34.68 1.24 -20.90	35.27 1.90 -14.17	43.61 3.80 -1.21	62.93 5.41 0.00	252.37 21.39 0.00	40.47 3.44 0.00	37.59 3.22 0.00	32.88 2.65 -2.39
WM_FLOYD_69_KV_BK2 356380	48.97 -0.28 -52.62	50.69 0.08 -49.50	44.19 0.06 -43.51	42.69 0.63 -33.65	38.83 0.73 -28.29	49.33 0.35 -44.38	71.53 1.40 -53.23	58.94 2.16 -30.68	59.73 2.49 -30.06	47.16 2.04 -19.78	53.13 1.13 -36.74	101.63 5.46 -30.25	47.38 0.39 -42.78	47.37 0.31 -43.27	52.74 -0.08 -53.86	53.87 -0.22 -56.62	56.26 1.07 -42.64	60.92 1.70 -40.03	90.16 3.67 -47.90	109.64 5.31 -46.80	307.07 21.39 -54.70	91.78 3.43 -51.32	51.85 3.25 -14.23	54.17 2.70 -23.63
WOODARD__115KV_TB2 355635	-3.32 0.05 0.00	1.09 -0.02 0.00	0.61 -0.01 0.00	8.25 -0.15 0.00	9.65 -0.16 0.00	4.53 -0.07 0.00	16.69 -0.21 0.00	26.11 -0.27 -0.26	26.94 -0.23 0.00	25.05 -0.29 0.00	15.22 -0.22 -0.18	66.71 -0.62 -1.40	6.55 -0.04 -2.39	6.05 -0.04 -2.31	2.01 0.01 -3.03	0.87 0.02 -3.38	14.44 -0.13 -2.03	20.34 -0.23 -1.38	38.23 -0.42 -0.05	56.84 -0.51 0.17	229.36 -1.62 0.00	36.71 -0.31 0.00	33.44 -0.34 0.59	26.42 -0.29 1.14
YORK___WARBASSE 23770	33.81 -0.24 -37.43	30.82 0.08 -29.62	28.22 0.05 -27.55	27.95 0.57 -18.98	28.75 0.64 -18.30	27.17 0.31 -22.26	67.29 1.27 -49.12	48.08 2.04 -19.94	29.74 2.39 -0.18	27.49 2.14 0.00	30.47 1.29 -13.93	92.49 6.85 -19.71	29.37 0.45 -24.71	27.97 0.36 -23.83	30.12 -0.10 -31.26	32.08 -0.25 -34.87	34.73 1.27 -20.92	35.31 1.93 -14.19	43.62 3.80 -1.21	62.94 5.42 0.00	252.52 21.54 -0.01	40.54 3.51 0.00	37.66 3.30 0.00	32.96 2.72 -2.39