

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

05/03/2026

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	47.42	45.17	34.39	33.46	32.96	38.57	50.88	40.27	35.55	38.65	63.46	390.23	34.16	20.17	11.75	22.44	27.15	41.21	39.59	70.77	53.78	38.53	32.51	32.57
24138	2.44	2.68	2.10	2.01	2.08	2.16	2.85	2.44	2.64	0.80	-1.03	-0.62	0.82	-0.85	-0.45	-0.09	1.19	2.83	2.93	4.89	3.60	2.57	1.76	0.47
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.24	-28.57	-77.16	-398.32	-22.19	-32.27	-17.84	-23.70	-13.44	-8.51	-2.91	-8.58	0.00	0.00	-7.35	-25.85
74TH STREET_GT_1	47.50	45.23	34.45	33.52	33.02	38.64	50.97	40.33	35.54	33.26	62.00	390.22	34.16	20.16	11.75	22.44	27.17	41.25	39.63	70.88	53.83	38.56	32.52	32.57
24260	2.52	2.73	2.16	2.07	2.14	2.24	2.95	2.51	2.71	0.82	-1.05	-0.64	0.83	-0.86	-0.46	-0.09	1.20	2.87	2.97	4.99	3.64	2.60	1.78	0.47
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.16	-23.17	-75.72	-398.32	-22.19	-32.27	-17.84	-23.70	-13.44	-8.51	-2.91	-8.58	0.00	0.00	-7.35	-25.85
74TH STREET_GT_2	47.50	45.23	34.45	33.52	33.02	38.64	50.97	40.33	35.54	33.26	62.00	390.22	34.16	20.16	11.75	22.44	27.17	41.25	39.63	70.88	53.83	38.56	32.52	32.57
24261	2.52	2.73	2.16	2.07	2.14	2.24	2.95	2.51	2.71	0.82	-1.05	-0.64	0.83	-0.86	-0.46	-0.09	1.20	2.87	2.97	4.99	3.64	2.60	1.78	0.47
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.16	-23.17	-75.72	-398.32	-22.19	-32.27	-17.84	-23.70	-13.44	-8.51	-2.91	-8.58	0.00	0.00	-7.35	-25.85
ADK HUDSON___FALLS	47.69	45.16	34.40	33.59	33.02	38.88	51.24	40.22	34.81	24.02	68.35	439.68	36.78	24.27	14.06	25.40	28.34	41.28	39.35	70.93	53.75	38.63	33.36	35.76
24011	2.71	2.66	2.11	2.14	2.13	2.47	3.22	2.40	2.14	0.61	-0.88	-0.49	0.70	-0.75	-0.35	-0.07	0.71	1.85	2.28	3.99	3.56	2.67	1.71	0.46
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-14.13	-81.90	-447.63	-24.93	-36.27	-20.05	-26.64	-15.10	-9.57	-3.32	-9.64	0.00	0.00	-8.26	-29.04
ADK RESOURCE___RCVRY	47.90	45.36	34.55	33.77	33.18	39.08	51.48	40.36	34.93	24.07	68.33	439.79	36.82	24.23	14.04	25.40	28.39	41.46	39.54	71.20	54.02	38.83	33.47	35.79
23798	2.91	2.86	2.25	2.32	2.30	2.68	3.46	2.54	2.26	0.65	-0.93	-0.50	0.73	-0.79	-0.37	-0.07	0.76	2.03	2.46	4.25	3.84	2.87	1.81	0.49
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-14.14	-81.92	-447.76	-24.94	-36.28	-20.05	-26.64	-15.10	-9.57	-3.32	-9.64	0.00	0.00	-8.26	-29.05
ADK S GLENS___FALLS	47.69	45.16	34.40	33.59	33.02	38.88	51.24	40.22	34.81	24.02	68.35	439.68	36.78	24.27	14.06	25.40	28.34	41.28	39.35	70.93	53.75	38.63	33.36	35.76
24028	2.71	2.66	2.11	2.14	2.13	2.47	3.22	2.40	2.14	0.61	-0.88	-0.49	0.70	-0.75	-0.35	-0.07	0.71	1.85	2.28	3.99	3.56	2.67	1.71	0.46
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-14.13	-81.90	-447.63	-24.93	-36.27	-20.05	-26.64	-15.10	-9.57	-3.32	-9.64	0.00	0.00	-8.26	-29.04
ADK_NYS___DAM	47.17	44.79	34.08	33.25	32.68	38.41	50.59	39.77	34.45	23.77	67.28	433.36	36.45	23.75	13.75	25.01	28.16	41.09	38.79	69.82	52.72	37.85	32.99	35.28
23527	2.19	2.29	1.79	1.79	1.80	2.00	2.57	1.95	1.78	0.56	-0.79	-0.48	0.72	-0.75	-0.38	-0.08	0.75	1.80	1.78	3.02	2.54	1.89	1.45	0.39
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-13.93	-80.74	-441.30	-24.58	-35.76	-19.76	-26.26	-14.89	-9.43	-3.26	-9.50	0.00	0.00	-8.14	-28.63
AIR_PRODUCTS___DRP	45.51	43.15	32.98	32.11	31.59	37.09	48.87	38.53	33.42	23.40	67.49	432.07	35.97	24.07	13.90	24.96	27.72	40.07	37.90	68.20	51.27	36.82	32.18	35.02
24190	0.53	0.65	0.69	0.65	0.70	0.69	0.84	0.70	0.75	0.24	-0.29	-0.18	0.33	-0.31	-0.16	-0.04	0.36	0.81	0.90	1.43	1.08	0.86	0.67	0.23
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-13.88	-80.45	-439.71	-24.49	-35.63	-19.69	-26.17	-14.83	-9.40	-3.25	-9.47	0.00	0.00	-8.11	-28.53
AKWESSNE_115KV_BK	44.80	42.24	32.06	31.16	30.55	36.12	47.54	37.61	32.51	9.23	-12.54	-7.42	10.99	-11.06	-5.53	-3.03	12.19	29.12	32.95	55.89	49.23	35.32	22.97	6.16
355683	-0.19	-0.25	-0.23	-0.29	-0.34	-0.28	-0.48	-0.21	-0.16	-0.05	0.13	0.04	-0.16	0.19	0.10	0.03	-0.34	-0.74	-0.80	-1.41	-0.96	-0.64	-0.43	-0.10
	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	1.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	46.51	44.12	33.64	32.78	32.23	37.89	49.92	39.25	34.02	23.41	66.52	427.73	35.82	23.60	13.64	24.69	27.63	40.17	38.38	69.26	52.32	37.51	32.52	34.82
323833	1.53	1.62	1.35	1.33	1.34	1.49	1.89	1.43	1.35	0.39	-0.47	-0.24	0.42	-0.43	-0.22	-0.05	0.41	1.00	1.42	2.58	2.14	1.55	1.09	0.31
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-13.75	-79.67	-435.44	-24.26	-35.28	-19.50	-25.91	-14.69	-9.30	-3.21	-9.38	0.00	0.00	-8.03	-28.25
ALBANY_2_SOLAR	46.50	44.11	33.63	32.76	32.21	37.87	49.89	39.24	34.02	23.41	66.53	427.75	35.82	23.60	13.64	24.70	27.63	40.17	38.38	69.24	52.31	37.51	32.51	34.82
323834	1.52	1.61	1.33	1.31	1.33	1.47	1.87	1.42	1.34	0.38	-0.47	-0.24	0.42	-0.43	-0.22	-0.05	0.41	1.00	1.41	2.56	2.13	1.54	1.08	0.32
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-13.75	-79.67	-435.46	-24.26	-35.28	-19.50	-25.91	-14.69	-9.31	-3.21	-9.38	0.00	0.00	-8.03	-28.26
ALBANY___1	45.51	43.15	32.98	32.11	31.59	37.09	48.87	38.53	33.42	23.40	67.49	432.07	35.97	24.07	13.90	24.96	27.72	40.07	37.90	68.20	51.27	36.82	32.18	35.02
23571	0.53	0.65	0.69	0.65	0.70	0.69	0.84	0.70	0.75	0.24	-0.29	-0.18	0.33	-0.31	-0.16	-0.04	0.36	0.81	0.90	1.43	1.08	0.86	0.67	0.23
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-13.88	-80.45	-439.71	-24.49	-35.63	-19.69	-26.17	-14.83	-9.40	-3.25	-9.47	0.00	0.00	-8.11	-28.53

ALBANY___2 23572	45.51 0.53 0.00	43.15 0.65 0.00	32.98 0.69 0.00	32.11 0.65 0.00	31.59 0.70 0.00	37.09 0.69 0.00	48.87 0.84 0.00	38.53 0.70 0.00	33.42 0.75 0.00	23.40 0.24 -13.88	67.49 -0.29 -80.45	432.07 -0.18 -439.71	35.97 0.33 -24.49	24.07 -0.31 -35.63	13.90 -0.16 -19.69	24.96 -0.04 -26.17	27.72 0.36 -14.83	40.07 0.81 -9.40	37.90 0.90 -3.25	68.20 1.43 -9.47	51.27 1.08 0.00	36.82 0.86 0.00	32.18 0.67 -8.11	35.02 0.23 -28.53
ALBANY___3 23573	45.51 0.53 0.00	43.15 0.65 0.00	32.98 0.69 0.00	32.11 0.65 0.00	31.59 0.70 0.00	37.09 0.69 0.00	48.87 0.84 0.00	38.53 0.70 0.00	33.42 0.75 0.00	23.40 0.24 -13.88	67.49 -0.29 -80.45	432.07 -0.18 -439.71	35.97 0.33 -24.49	24.07 -0.31 -35.63	13.90 -0.16 -19.69	24.96 -0.04 -26.17	27.72 0.36 -14.83	40.07 0.81 -9.40	37.90 0.90 -3.25	68.20 1.43 -9.47	51.27 1.08 0.00	36.82 0.86 0.00	32.18 0.67 -8.11	35.02 0.23 -28.53
ALBANY___4 23574	45.51 0.53 0.00	43.15 0.65 0.00	32.98 0.69 0.00	32.11 0.65 0.00	31.59 0.70 0.00	37.09 0.69 0.00	48.87 0.84 0.00	38.53 0.70 0.00	33.42 0.75 0.00	23.40 0.24 -13.88	67.49 -0.29 -80.45	432.07 -0.18 -439.71	35.97 0.33 -24.49	24.07 -0.31 -35.63	13.90 -0.16 -19.69	24.96 -0.04 -26.17	27.72 0.36 -14.83	40.07 0.81 -9.40	37.90 0.90 -3.25	68.20 1.43 -9.47	51.27 1.08 0.00	36.82 0.86 0.00	32.18 0.67 -8.11	35.02 0.23 -28.53
ALBANY___LFGE 323615	45.97 0.99 0.00	43.60 1.10 0.00	33.28 0.99 0.00	32.41 0.95 0.00	31.87 0.99 0.00	37.45 1.05 0.00	49.33 1.31 0.00	38.88 1.06 0.00	33.72 1.05 0.00	23.55 0.32 -13.95	67.77 -0.42 -80.86	434.22 -0.25 -441.93	36.18 0.42 -24.62	24.11 -0.44 -35.81	13.93 -0.22 -19.79	25.08 -0.05 -26.30	27.90 0.46 -14.91	40.40 1.10 -9.44	38.28 1.26 -3.27	68.87 2.04 -9.52	51.81 1.63 0.00	37.20 1.24 0.00	32.45 0.89 -8.15	35.21 0.28 -28.68
ALCOA_PA_115KV_PL-6C 55860	44.90 -0.09 0.00	42.32 -0.18 0.00	32.09 -0.21 0.00	31.18 -0.27 0.00	30.56 -0.32 0.00	36.14 -0.26 0.00	47.60 -0.42 0.00	37.71 -0.11 0.00	32.50 -0.16 0.00	9.22 -0.06 0.00	-12.53 0.15 0.00	-7.43 0.04 0.00	10.97 -0.18 0.00	-11.03 0.22 0.00	-5.51 0.12 0.00	-3.67 0.03 2.53	12.15 -0.38 0.00	29.03 -0.83 0.00	32.87 -0.89 0.00	55.83 -1.47 0.00	49.36 -0.82 0.00	35.37 -0.59 0.00	22.95 -0.45 0.00	6.15 -0.10 0.00
ALCOA_RYNLDS___DRP 24188	44.90 -0.09 0.00	42.32 -0.18 0.00	32.09 -0.20 0.00	31.18 -0.27 0.00	30.56 -0.32 0.00	36.14 -0.26 0.00	47.61 -0.42 0.00	37.71 -0.11 0.00	32.50 -0.17 0.00	9.22 -0.06 0.00	-12.52 0.15 0.00	-7.42 0.05 0.00	10.97 -0.18 0.00	-11.04 0.22 0.00	-5.52 0.12 0.00	-3.67 0.03 2.53	12.15 -0.38 0.00	29.03 -0.83 0.00	32.86 -0.89 0.00	55.84 -1.47 0.00	49.37 -0.82 0.00	35.38 -0.59 0.00	22.96 -0.44 0.00	6.15 -0.10 0.00
ALCOA___DSASP 323711	44.90 -0.09 0.00	42.32 -0.18 0.00	32.09 -0.20 0.00	31.18 -0.27 0.00	30.56 -0.32 0.00	36.14 -0.26 0.00	47.61 -0.42 0.00	37.71 -0.11 0.00	32.50 -0.17 0.00	9.22 -0.06 0.00	-12.52 0.15 0.00	-7.42 0.05 0.00	10.97 -0.18 0.00	-11.04 0.22 0.00	-5.52 0.12 0.00	-3.67 0.03 2.53	12.15 -0.38 0.00	29.03 -0.83 0.00	32.86 -0.89 0.00	55.84 -1.47 0.00	49.37 -0.82 0.00	35.38 -0.59 0.00	22.96 -0.44 0.00	6.15 -0.10 0.00
ALLEGHENY___COGEN 23514	44.80 -0.18 0.00	42.93 0.43 0.00	32.24 -0.05 0.00	31.58 0.13 0.00	30.85 -0.03 0.00	36.81 0.40 0.00	48.18 0.16 0.00	37.02 -0.54 0.26	31.33 -1.34 0.00	9.19 -0.36 -0.27	-10.46 0.43 -1.78	10.19 0.41 -17.25	24.43 -0.37 -13.65	-3.84 0.37 -7.04	4.56 0.18 -10.02	8.19 0.02 -9.34	38.27 -0.28 -26.01	68.91 -0.74 -39.79	77.42 -1.00 -44.67	106.69 -0.64 -50.03	86.30 -0.03 -36.14	82.67 0.06 -46.65	41.99 -0.10 -18.69	6.67 -0.13 -0.54
ALTAMONT_115KV_TB 2 55880	46.04 1.06 0.00	43.68 1.18 0.00	33.26 0.97 0.00	32.40 0.94 0.00	31.86 0.98 0.00	37.45 1.05 0.00	49.37 1.34 0.00	38.89 1.07 0.00	33.71 1.04 0.00	23.45 0.31 -13.87	67.30 -0.41 -80.39	431.64 -0.25 -439.36	36.01 0.39 -24.48	23.95 -0.39 -35.60	13.84 -0.20 -19.67	24.93 -0.04 -26.15	27.80 0.44 -14.82	40.30 1.05 -9.39	38.17 1.18 -3.24	68.81 2.04 -9.46	51.84 1.65 0.00	37.16 1.19 0.00	32.35 0.85 -8.10	35.00 0.24 -28.51
ALTONA_WT_PWR 323606	45.08 0.10 0.00	42.57 0.07 0.00	32.31 0.01 0.00	31.40 -0.05 0.00	30.76 -0.12 0.00	36.38 -0.02 0.00	47.97 -0.06 0.00	37.97 0.15 0.00	32.74 0.07 0.00	9.29 0.01 0.00	-12.63 0.04 0.00	-7.49 -0.03 0.00	11.03 -0.12 0.00	-11.12 0.13 0.00	-5.54 0.09 0.00	-2.63 0.03 1.48	12.22 0.00 0.00	29.26 -0.31 0.00	33.15 -0.61 0.00	56.30 -1.01 0.00	49.60 -0.58 0.00	35.50 -0.47 0.00	22.95 -0.45 0.00	6.14 -0.12 0.00
AMERICAN_REF_FUEL 24010	40.66 -4.32 0.00	39.48 -3.02 0.00	29.60 -2.70 0.00	28.91 -2.54 0.00	28.12 -2.76 0.00	33.65 -2.75 0.00	43.80 -4.22 0.00	34.29 -3.31 0.22	29.82 -2.85 0.00	8.78 -0.75 -0.24	-10.70 0.55 -1.42	0.83 0.54 -7.75	11.08 -0.50 -0.43	-10.16 0.46 -0.63	-5.09 0.20 -0.35	-0.69 0.02 -0.46	9.91 -0.43 2.20	22.23 -1.36 6.28	22.41 -2.05 9.28	37.39 -4.57 15.35	28.21 -4.16 17.82	22.81 -2.80 10.36	17.39 -2.03 3.98	6.12 -0.62 -0.48
ARKWRIGHT___SUMMIT_WT_PWR 323751	42.56 -2.43 0.00	41.01 -1.49 0.00	30.55 -1.74 0.00	29.94 -1.52 0.00	29.17 -1.71 0.00	34.94 -1.47 0.00	45.60 -2.43 0.00	35.28 -2.27 0.27	30.65 -2.02 0.00	8.85 -0.70 -0.27	-10.45 0.66 -1.56	1.58 0.54 -8.51	11.29 -0.33 -0.48	-9.96 0.60 -0.69	-4.94 0.31 -0.38	-0.62 0.04 -0.51	9.74 -0.66 2.14	22.02 -1.68 6.17	22.45 -2.14 9.16	37.26 -3.91 16.14	27.25 -3.39 19.55	23.71 -2.04 10.21	17.86 -1.64 3.91	6.19 -0.59 -0.53
ARTHUR KILL_GT_1 23520	47.54 2.56 0.00	45.27 2.77 0.00	34.47 2.17 0.00	33.52 2.07 0.00	33.00 2.12 0.00	38.62 2.22 0.00	51.00 2.98 0.00	40.36 2.54 0.00	35.51 2.68 -0.16	33.71 0.85 -23.58	62.03 -1.01 -75.72	390.22 -0.64 -398.33	34.25 0.92 -22.19	20.08 -0.94 -32.27	11.71 -0.50 -17.84	22.44 -0.10 -23.71	27.21 1.24 -13.44	41.34 2.97 -8.51	39.71 3.05 -2.91	71.05 5.17 -8.58	54.01 3.82 0.00	38.70 2.73 0.00	32.62 1.87 -7.35	32.60 0.50 -25.85
ARTHUR_KILL_2 23512	47.43 2.44 0.00	45.16 2.66 0.00	34.39 2.09 0.00	33.44 1.98 0.00	32.93 2.05 0.00	38.53 2.13 0.00	50.88 2.86 0.00	40.27 2.45 0.00	35.44 2.61 -0.16	33.70 0.84 -23.58	62.08 -0.97 -75.72	390.26 -0.61 -398.33	34.21 0.88 -22.19	20.08 -0.95 -32.27	11.71 -0.49 -17.84	22.44 -0.10 -23.71	27.18 1.22 -13.44	41.26 2.89 -8.51	39.63 2.97 -2.91	70.91 5.03 -8.58	53.87 3.69 0.00	38.60 2.63 0.00	32.56 1.82 -7.35	32.58 0.48 -25.85
ARTHUR_KILL_3 23513	47.24 2.26 0.00	45.01 2.51 0.00	34.28 1.98 0.00	33.34 1.89 0.00	32.85 1.97 0.00	38.43 2.03 0.00	50.70 2.68 0.00	40.11 2.29 0.00	35.35 2.50 -0.19	35.31 0.74 -25.30	62.67 -0.94 -76.29	390.29 -0.57 -398.32	34.04 0.71 -22.19	20.25 -0.78 -32.27	11.79 -0.41 -17.84	22.45 -0.08 -23.70	27.03 1.07 -13.44	40.92 2.55 -8.51	39.29 2.63 -2.91	70.33 4.45 -8.58	53.42 3.23 0.00	38.27 2.30 -7.35	32.36 1.61 -7.35	32.53 0.43 -25.85

ARTHUR_KILL_COGEN 323718	47.55 2.56 0.00	45.27 2.77 0.00	34.47 2.17 0.00	33.51 2.06 0.00	33.00 2.12 0.00	38.63 2.22 0.00	51.00 2.98 0.00	40.36 2.54 0.00	35.51 2.68 -0.16	33.72 0.86 -23.58	62.06 -0.99 -75.72	390.23 -0.63 -398.33	34.23 0.90 -22.19	20.06 -0.97 -32.27	11.70 -0.50 -17.84	22.44 -0.10 -23.71	27.21 1.24 -13.44	41.33 2.96 -8.51	39.70 3.04 -2.91	71.05 5.17 -8.58	54.00 3.81 0.00	38.70 2.74 0.00	32.63 1.88 -7.35	32.60 0.50 -25.85
ASHOKAN____ 23654	47.44 2.46 0.00	45.03 2.54 0.00	34.25 1.96 0.00	33.37 1.92 0.00	32.86 1.98 0.00	38.59 2.18 0.00	50.90 2.87 0.00	40.13 2.31 0.00	34.86 2.19 0.00	23.16 0.65 -13.23	63.25 -0.76 -76.69	411.19 -0.48 -419.14	35.22 0.73 -23.35	21.95 -0.76 -33.96	12.76 -0.38 -18.77	23.70 -0.07 -24.94	27.57 0.90 -14.14	40.97 2.15 -8.96	39.48 2.65 -3.08	70.98 4.65 -9.03	53.99 3.81 0.00	38.61 2.64 0.00	32.89 1.75 -7.73	33.90 0.45 -27.20
ASTORIA_EAST_ENERGY_CC1 323581	47.13 2.15 0.00	44.85 2.35 0.00	34.17 1.88 0.00	33.21 1.75 0.00	32.72 1.84 0.00	38.26 1.86 0.01	50.52 2.50 0.01	40.10 2.28 0.00	35.30 2.47 -0.16	33.67 0.82 -23.58	62.13 -0.92 -75.72	390.30 -0.57 -398.33	34.07 0.73 -22.19	20.25 -0.77 -32.27	11.80 -0.40 -17.84	22.46 -0.08 -23.70	27.00 1.04 -13.43	40.82 2.45 -8.51	39.30 2.64 -2.91	70.24 4.37 -8.57	53.24 3.06 0.00	38.26 2.30 0.00	32.33 1.58 -7.35	32.53 0.43 -25.85
ASTORIA_EAST_ENERGY_CC2 323582	47.13 2.15 0.00	44.85 2.35 0.00	34.17 1.88 0.00	33.21 1.75 0.00	32.72 1.84 0.00	38.26 1.86 0.01	50.52 2.51 0.01	40.10 2.28 0.00	35.32 2.49 -0.16	33.68 0.82 -23.58	62.12 -0.92 -75.72	390.29 -0.57 -398.33	34.07 0.74 -22.19	20.25 -0.78 -32.27	11.80 -0.40 -17.84	22.46 -0.08 -23.70	27.00 1.04 -13.43	40.82 2.45 -8.51	39.30 2.64 -2.91	70.24 4.37 -8.57	53.25 3.06 0.00	38.26 2.30 0.00	32.33 1.59 -7.35	32.53 0.43 -25.85
ASTORIA_GT2_1 24094	47.15 2.17 0.00	44.87 2.37 0.00	34.18 1.89 0.00	33.23 1.78 0.00	32.74 1.86 0.00	38.28 1.88 0.01	50.55 2.54 0.01	40.11 2.29 0.00	35.31 2.48 -0.16	33.63 0.78 -23.58	62.09 -0.95 -75.72	390.28 -0.58 -398.33	34.09 0.76 -22.19	20.28 -0.74 -32.27	11.81 -0.39 -17.84	22.46 -0.07 -23.70	27.00 1.04 -13.43	40.85 2.48 -8.51	39.32 2.66 -2.91	70.28 4.40 -8.57	53.28 3.10 0.00	38.28 2.31 0.00	32.33 1.58 -7.35	32.53 0.43 -25.85
ASTORIA_GT2_2 24095	47.15 2.17 0.00	44.87 2.37 0.00	34.18 1.89 0.00	33.23 1.78 0.00	32.74 1.86 0.00	38.28 1.88 0.01	50.55 2.54 0.01	40.11 2.29 0.00	35.31 2.48 -0.16	33.63 0.78 -23.58	62.09 -0.95 -75.72	390.28 -0.58 -398.33	34.09 0.76 -22.19	20.28 -0.74 -32.27	11.81 -0.39 -17.84	22.46 -0.07 -23.70	27.00 1.04 -13.43	40.85 2.48 -8.51	39.32 2.66 -2.91	70.28 4.40 -8.57	53.28 3.10 0.00	38.28 2.31 0.00	32.33 1.58 -7.35	32.53 0.43 -25.85
ASTORIA_GT2_3 24096	47.15 2.17 0.00	44.87 2.37 0.00	34.18 1.89 0.00	33.23 1.78 0.00	32.74 1.86 0.00	38.28 1.88 0.01	50.55 2.54 0.01	40.11 2.29 0.00	35.31 2.48 -0.16	33.63 0.78 -23.58	62.09 -0.95 -75.72	390.28 -0.58 -398.33	34.09 0.76 -22.19	20.28 -0.74 -32.27	11.81 -0.39 -17.84	22.46 -0.07 -23.70	27.00 1.04 -13.43	40.85 2.48 -8.51	39.32 2.66 -2.91	70.28 4.40 -8.57	53.28 3.10 0.00	38.28 2.31 0.00	32.33 1.58 -7.35	32.53 0.43 -25.85
ASTORIA_GT2_4 24097	47.15 2.17 0.00	44.87 2.37 0.00	34.18 1.89 0.00	33.23 1.78 0.00	32.74 1.86 0.00	38.28 1.88 0.01	50.55 2.54 0.01	40.11 2.29 0.00	35.31 2.48 -0.16	33.63 0.78 -23.58	62.09 -0.95 -75.72	390.28 -0.58 -398.33	34.09 0.76 -22.19	20.28 -0.74 -32.27	11.81 -0.39 -17.84	22.46 -0.07 -23.70	27.00 1.04 -13.43	40.85 2.48 -8.51	39.32 2.66 -2.91	70.28 4.40 -8.57	53.28 3.10 0.00	38.28 2.31 0.00	32.33 1.58 -7.35	32.53 0.43 -25.85
ASTORIA_GT3_1 24098	47.15 2.17 0.00	44.87 2.37 0.00	34.18 1.89 0.00	33.23 1.78 0.00	32.74 1.86 0.00	38.28 1.88 0.01	50.55 2.54 0.01	40.11 2.29 0.00	35.31 2.48 -0.16	33.63 0.78 -23.58	62.09 -0.95 -75.72	390.28 -0.58 -398.33	34.09 0.76 -22.19	20.28 -0.74 -32.27	11.81 -0.39 -17.84	22.46 -0.07 -23.70	27.00 1.04 -13.43	40.85 2.48 -8.51	39.32 2.66 -2.91	70.28 4.40 -8.57	53.28 3.10 0.00	38.28 2.31 0.00	32.33 1.58 -7.35	32.53 0.43 -25.85
ASTORIA_GT3_2 24099	47.15 2.17 0.00	44.87 2.37 0.00	34.18 1.89 0.00	33.23 1.78 0.00	32.74 1.86 0.00	38.28 1.88 0.01	50.55 2.54 0.01	40.11 2.29 0.00	35.31 2.48 -0.16	33.63 0.78 -23.58	62.09 -0.95 -75.72	390.28 -0.58 -398.33	34.09 0.76 -22.19	20.28 -0.74 -32.27	11.81 -0.39 -17.84	22.46 -0.07 -23.70	27.00 1.04 -13.43	40.85 2.48 -8.51	39.32 2.66 -2.91	70.28 4.40 -8.57	53.28 3.10 0.00	38.28 2.31 0.00	32.33 1.58 -7.35	32.53 0.43 -25.85
ASTORIA_GT3_3 24100	47.15 2.17 0.00	44.87 2.37 0.00	34.18 1.89 0.00	33.23 1.78 0.00	32.74 1.86 0.00	38.28 1.88 0.01	50.55 2.54 0.01	40.11 2.29 0.00	35.31 2.48 -0.16	33.63 0.78 -23.58	62.09 -0.95 -75.72	390.28 -0.58 -398.33	34.09 0.76 -22.19	20.28 -0.74 -32.27	11.81 -0.39 -17.84	22.46 -0.07 -23.70	27.00 1.04 -13.43	40.85 2.48 -8.51	39.32 2.66 -2.91	70.28 4.40 -8.57	53.28 3.10 0.00	38.28 2.31 0.00	32.33 1.58 -7.35	32.53 0.43 -25.85
ASTORIA_GT3_4 24101	47.15 2.17 0.00	44.87 2.37 0.00	34.18 1.89 0.00	33.23 1.78 0.00	32.74 1.86 0.00	38.28 1.88 0.01	50.55 2.54 0.01	40.11 2.29 0.00	35.31 2.48 -0.16	33.63 0.78 -23.58	62.09 -0.95 -75.72	390.28 -0.58 -398.33	34.09 0.76 -22.19	20.28 -0.74 -32.27	11.81 -0.39 -17.84	22.46 -0.07 -23.70	27.00 1.04 -13.43	40.85 2.48 -8.51	39.32 2.66 -2.91	70.28 4.40 -8.57	53.28 3.10 0.00	38.28 2.31 0.00	32.33 1.58 -7.35	32.53 0.43 -25.85
ASTORIA_GT4_1 24102	47.15 2.17 0.00	44.87 2.37 0.00	34.18 1.89 0.00	33.23 1.78 0.00	32.74 1.86 0.00	38.28 1.88 0.01	50.55 2.54 0.01	40.11 2.29 0.00	35.31 2.48 -0.16	33.63 0.78 -23.58	62.09 -0.95 -75.72	390.28 -0.58 -398.33	34.09 0.76 -22.19	20.28 -0.74 -32.27	11.81 -0.39 -17.84	22.46 -0.07 -23.70	27.00 1.04 -13.43	40.85 2.48 -8.51	39.32 2.66 -2.91	70.28 4.40 -8.57	53.28 3.10 0.00	38.28 2.31 0.00	32.33 1.58 -7.35	32.53 0.43 -25.85
ASTORIA_GT4_2 24103	47.15 2.17 0.00	44.87 2.37 0.00	34.18 1.89 0.00	33.23 1.78 0.00	32.74 1.86 0.00	38.28 1.88 0.01	50.55 2.54 0.01	40.11 2.29 0.00	35.31 2.48 -0.16	33.63 0.78 -23.58	62.09 -0.95 -75.72	390.28 -0.58 -398.33	34.09 0.76 -22.19	20.28 -0.74 -32.27	11.81 -0.39 -17.84	22.46 -0.07 -23.70	27.00 1.04 -13.43	40.85 2.48 -8.51	39.32 2.66 -2.91	70.28 4.40 -8.57	53.28 3.10 0.00	38.28 2.31 0.00	32.33 1.58 -7.35	32.53 0.43 -25.85
ASTORIA_GT4_3 24104	47.15 2.17 0.00	44.87 2.37 0.00	34.18 1.89 0.00	33.23 1.78 0.00	32.74 1.86 0.00	38.28 1.88 0.01	50.55 2.54 0.01	40.11 2.29 0.00	35.31 2.48 -0.16	33.63 0.78 -23.58	62.09 -0.95 -75.72	390.28 -0.58 -398.33	34.09 0.76 -22.19	20.28 -0.74 -32.27	11.81 -0.39 -17.84	22.46 -0.07 -23.70	27.00 1.04 -13.43	40.85 2.48 -8.51	39.32 2.66 -2.91	70.28 4.40 -8.57	53.28 3.10 0.00	38.28 2.31 0.00	32.33 1.58 -7.35	32.53 0.43 -25.85

ASTORIA_GT4_4 24105	47.15 2.17 0.00	44.87 2.37 0.00	34.18 1.89 0.00	33.23 1.78 0.00	32.74 1.86 0.00	38.28 1.88 0.01	50.55 2.54 0.01	40.11 2.29 0.00	35.31 2.48 -0.16	33.63 0.78 -23.58	62.09 -0.95 -75.72	390.28 -0.58 -398.33	34.09 0.76 -22.19	20.28 -0.74 -32.27	11.81 -0.39 -17.84	22.46 -0.07 -23.70	27.00 1.04 -13.43	40.85 2.48 -8.51	39.32 2.66 -2.91	70.28 4.40 -8.57	53.28 3.10 0.00	38.28 2.31 0.00	32.33 1.58 -7.35	32.53 0.43 -25.85
ASTORIA_GT_1 23523	47.22 2.24 0.00	44.94 2.44 0.00	34.24 1.94 0.00	33.28 1.82 0.00	32.78 1.90 0.00	38.32 1.92 0.01	50.63 2.61 0.01	40.17 2.35 0.00	35.35 2.52 -0.16	33.65 0.79 -23.58	62.08 -0.97 -75.72	390.27 -0.60 -398.33	34.11 0.78 -22.19	20.26 -0.76 -32.27	11.80 -0.41 -17.84	22.46 -0.08 -23.70	27.03 1.07 -13.43	40.90 2.53 -8.51	39.38 2.72 -2.91	70.38 4.50 -8.57	53.38 3.20 0.00	38.34 2.38 0.00	32.38 1.63 -7.35	32.54 0.44 -25.85
ASTORIA_GT_10 24110	47.18 2.20 0.00	44.97 2.48 0.00	34.27 1.97 0.00	33.33 1.88 0.00	32.84 1.96 0.00	38.39 1.98 0.00	50.67 2.64 0.00	40.14 2.31 0.00	35.40 2.57 -0.16	33.65 0.79 -23.58	62.07 -0.98 -75.72	390.27 -0.60 -398.33	34.13 0.80 -22.19	20.20 -0.82 -32.27	11.77 -0.44 -17.84	22.45 -0.09 -23.71	27.11 1.14 -13.44	41.06 2.68 -8.51	39.41 2.75 -2.91	70.44 4.56 -8.58	53.46 3.28 0.00	38.36 2.39 0.00	32.38 1.64 -7.35	32.55 0.45 -25.85
ASTORIA_GT_11 24225	47.18 2.20 0.00	44.97 2.48 0.00	34.27 1.97 0.00	33.33 1.88 0.00	32.84 1.96 0.00	38.39 1.98 0.00	50.67 2.64 0.00	40.14 2.31 0.00	35.40 2.57 -0.16	33.65 0.79 -23.58	62.07 -0.98 -75.72	390.27 -0.60 -398.33	34.13 0.80 -22.19	20.20 -0.82 -32.27	11.77 -0.44 -17.84	22.45 -0.09 -23.71	27.11 1.14 -13.44	41.06 2.68 -8.51	39.41 2.75 -2.91	70.44 4.56 -8.58	53.46 3.28 0.00	38.36 2.39 0.00	32.38 1.64 -7.35	32.55 0.45 -25.85
ASTORIA_GT_12 24226	47.18 2.20 0.00	44.97 2.48 0.00	34.27 1.97 0.00	33.33 1.88 0.00	32.84 1.96 0.00	38.39 1.98 0.00	50.67 2.64 0.00	40.14 2.31 0.00	35.40 2.57 -0.16	33.65 0.79 -23.58	62.07 -0.98 -75.72	390.27 -0.60 -398.33	34.13 0.80 -22.19	20.20 -0.82 -32.27	11.77 -0.44 -17.84	22.45 -0.09 -23.71	27.11 1.14 -13.44	41.06 2.68 -8.51	39.41 2.75 -2.91	70.44 4.56 -8.58	53.46 3.28 0.00	38.36 2.39 0.00	32.38 1.64 -7.35	32.55 0.45 -25.85
ASTORIA_GT_13 24227	47.18 2.20 0.00	44.97 2.48 0.00	34.27 1.97 0.00	33.33 1.88 0.00	32.84 1.96 0.00	38.39 1.98 0.00	50.67 2.64 0.00	40.14 2.31 0.00	35.40 2.57 -0.16	33.65 0.79 -23.58	62.07 -0.98 -75.72	390.27 -0.60 -398.33	34.13 0.80 -22.19	20.20 -0.82 -32.27	11.77 -0.44 -17.84	22.45 -0.09 -23.71	27.11 1.14 -13.44	41.06 2.68 -8.51	39.41 2.75 -2.91	70.44 4.56 -8.58	53.46 3.28 0.00	38.36 2.39 0.00	32.38 1.64 -7.35	32.55 0.45 -25.85
ASTORIA_GT_5 24106	47.22 2.24 0.00	44.94 2.44 0.00	34.24 1.94 0.00	33.28 1.82 0.00	32.78 1.90 0.00	38.32 1.92 0.01	50.63 2.61 0.01	40.17 2.35 0.00	35.35 2.52 -0.16	33.65 0.79 -23.58	62.08 -0.97 -75.72	390.27 -0.60 -398.33	34.11 0.78 -22.19	20.26 -0.76 -32.27	11.80 -0.41 -17.84	22.46 -0.08 -23.70	27.03 1.07 -13.43	40.90 2.53 -8.51	39.38 2.72 -2.91	70.38 4.50 -8.57	53.38 3.20 0.00	38.34 2.38 0.00	32.38 1.63 -7.35	32.54 0.44 -25.85
ASTORIA_GT_7 24107	47.22 2.24 0.00	44.94 2.44 0.00	34.24 1.94 0.00	33.28 1.82 0.00	32.78 1.90 0.00	38.32 1.92 0.01	50.63 2.61 0.01	40.17 2.35 0.00	35.35 2.52 -0.16	33.65 0.79 -23.58	62.08 -0.97 -75.72	390.27 -0.60 -398.33	34.11 0.78 -22.19	20.26 -0.76 -32.27	11.80 -0.41 -17.84	22.46 -0.08 -23.70	27.03 1.07 -13.43	40.90 2.53 -8.51	39.38 2.72 -2.91	70.38 4.50 -8.57	53.38 3.20 0.00	38.34 2.38 0.00	32.38 1.63 -7.35	32.54 0.44 -25.85
ASTORIA_GT_8 24108	47.22 2.24 0.00	44.94 2.44 0.00	34.24 1.94 0.00	33.28 1.82 0.00	32.78 1.90 0.00	38.32 1.92 0.01	50.63 2.61 0.01	40.17 2.35 0.00	35.35 2.52 -0.16	33.65 0.79 -23.58	62.08 -0.97 -75.72	390.27 -0.60 -398.33	34.11 0.78 -22.19	20.26 -0.76 -32.27	11.80 -0.41 -17.84	22.46 -0.08 -23.70	27.03 1.07 -13.43	40.90 2.53 -8.51	39.38 2.72 -2.91	70.38 4.50 -8.57	53.38 3.20 0.00	38.34 2.38 0.00	32.38 1.63 -7.35	32.54 0.44 -25.85
ASTORIA___2 24149	47.15 2.17 0.00	44.87 2.37 0.00	34.18 1.89 0.00	33.23 1.78 0.00	32.74 1.86 0.00	38.28 1.88 0.01	50.55 2.54 0.01	40.11 2.29 0.00	35.32 2.49 -0.16	33.68 0.82 -23.58	62.12 -0.92 -75.72	390.29 -0.57 -398.33	34.07 0.74 -22.19	20.25 -0.78 -32.27	11.80 -0.41 -17.84	22.46 -0.08 -23.70	27.00 1.04 -13.43	40.84 2.47 -8.51	39.32 2.66 -2.91	70.28 4.40 -8.57	53.28 3.09 0.00	38.28 2.32 0.00	32.34 1.59 -7.35	32.53 0.43 -25.85
ASTORIA___3 23516	47.18 2.20 0.00	44.97 2.47 0.00	34.27 1.98 0.00	33.33 1.88 0.00	32.84 1.96 0.00	38.38 1.98 0.00	50.67 2.64 0.00	40.14 2.32 0.00	35.40 2.57 -0.16	33.66 0.81 -23.58	62.09 -0.96 -75.72	390.28 -0.59 -398.33	34.11 0.78 -22.19	20.18 -0.85 -32.27	11.76 -0.45 -17.84	22.45 -0.09 -23.71	27.11 1.14 -13.44	41.04 2.67 -8.51	39.40 2.75 -2.91	70.44 4.56 -8.58	53.47 3.28 0.00	38.36 2.39 0.00	32.39 1.64 -7.35	32.55 0.45 -25.85
ASTORIA___4 23517	47.18 2.20 0.00	44.97 2.48 0.00	34.27 1.97 0.00	33.33 1.88 0.00	32.84 1.96 0.00	38.39 1.98 0.00	50.67 2.64 0.00	40.14 2.31 0.00	35.40 2.57 -0.16	33.65 0.79 -23.58	62.07 -0.98 -75.72	390.27 -0.60 -398.33	34.13 0.80 -22.19	20.20 -0.82 -32.27	11.77 -0.44 -17.84	22.45 -0.09 -23.71	27.11 1.14 -13.44	41.06 2.68 -8.51	39.41 2.75 -2.91	70.44 4.56 -8.58	53.46 3.28 0.00	38.36 2.39 0.00	32.38 1.64 -7.35	32.55 0.45 -25.85
ASTORIA___5 23518	47.18 2.20 0.00	44.97 2.47 0.00	34.27 1.98 0.00	33.33 1.88 0.00	32.84 1.96 0.00	38.38 1.98 0.00	50.67 2.64 0.00	40.14 2.32 0.00	35.40 2.57 -0.16	33.66 0.81 -23.58	62.09 -0.96 -75.72	390.28 -0.59 -398.33	34.11 0.78 -22.19	20.18 -0.85 -32.27	11.76 -0.45 -17.84	22.45 -0.09 -23.71	27.11 1.14 -13.44	41.04 2.67 -8.51	39.40 2.75 -2.91	70.44 4.56 -8.58	53.47 3.28 0.00	38.36 2.39 0.00	32.39 1.64 -7.35	32.55 0.45 -25.85
AST_ENERGY_2_CC3 323677	47.22 2.24 0.00	44.98 2.48 0.00	34.26 1.96 0.00	33.33 1.88 0.00	32.83 1.95 0.00	38.42 2.02 0.00	50.67 2.65 0.00	40.11 2.28 0.00	35.35 2.51 -0.17	33.96 0.76 -23.92	62.28 -0.96 -75.92	390.27 -0.59 -398.32	34.06 0.72 -22.19	20.22 -0.80 -32.27	11.78 -0.42 -17.84	22.45 -0.08 -23.70	27.08 1.12 -13.44	41.03 2.66 -8.51	39.39 2.73 -2.91	70.48 4.60 -8.58	-163.88 3.25 217.32	26.49 2.31 11.78	26.49 1.60 -1.49	-13.04 0.42 19.72
AST_ENERGY_2_CC4 323678	47.22 2.24 0.00	44.98 2.48 0.00	34.26 1.96 0.00	33.33 1.88 0.00	32.83 1.95 0.00	38.42 2.02 0.00	50.67 2.65 0.00	40.11 2.28 0.00	35.35 2.51 -0.17	33.96 0.76 -23.92	62.28 -0.96 -75.92	390.27 -0.59 -398.32	34.06 0.72 -22.19	20.22 -0.80 -32.27	11.78 -0.42 -17.84	22.45 -0.08 -23.70	27.08 1.12 -13.44	41.03 2.66 -8.51	39.39 2.73 -2.91	70.48 4.60 -8.58	-163.88 3.25 217.32	26.49 2.31 11.78	26.49 1.60 -1.49	-13.04 0.42 19.72

ATHENS_STG_1 23668	46.39 1.41 0.00	44.07 1.57 0.00	33.56 1.27 0.00	32.69 1.23 0.00	32.17 1.28 0.00	37.74 1.34 0.00	49.76 1.73 0.00	39.23 1.41 0.00	34.10 1.43 0.00	22.79 0.43 -13.08	62.58 -0.57 -75.82	406.62 -0.34 -414.42	34.74 0.51 -23.09	21.78 -0.55 -33.58	12.64 -0.29 -18.56	23.43 -0.06 -24.66	27.18 0.67 -13.98	40.27 1.56 -8.86	38.47 1.68 -3.03	69.08 2.85 -8.92	52.40 2.21 0.00	37.54 1.57 0.00	32.14 1.10 -7.64	33.44 0.29 -26.89
ATHENS_STG_2 23670	46.39 1.41 0.00	44.07 1.57 0.00	33.56 1.27 0.00	32.69 1.23 0.00	32.17 1.28 0.00	37.74 1.34 0.00	49.76 1.73 0.00	39.23 1.41 0.00	34.10 1.43 0.00	22.79 0.43 -13.08	62.58 -0.57 -75.82	406.62 -0.34 -414.42	34.74 0.51 -23.09	21.78 -0.55 -33.58	12.64 -0.29 -18.56	23.43 -0.06 -24.66	27.18 0.67 -13.98	40.27 1.56 -8.86	38.47 1.68 -3.03	69.08 2.85 -8.92	52.40 2.21 0.00	37.54 1.57 0.00	32.14 1.10 -7.64	33.44 0.29 -26.89
ATHENS_STG_3 23677	46.39 1.41 0.00	44.07 1.57 0.00	33.56 1.27 0.00	32.69 1.23 0.00	32.17 1.28 0.00	37.74 1.34 0.00	49.76 1.73 0.00	39.23 1.41 0.00	34.10 1.43 0.00	22.79 0.43 -13.08	62.58 -0.57 -75.82	406.62 -0.34 -414.42	34.74 0.51 -23.09	21.78 -0.55 -33.58	12.64 -0.29 -18.56	23.43 -0.06 -24.66	27.18 0.67 -13.98	40.27 1.56 -8.86	38.47 1.68 -3.03	69.08 2.85 -8.92	52.40 2.21 0.00	37.54 1.57 0.00	32.14 1.10 -7.64	33.44 0.29 -26.89
AUBURN____LFGE 323710	44.65 -0.33 0.00	42.28 -0.22 0.00	32.02 -0.28 0.00	31.29 -0.17 0.00	30.76 -0.12 0.00	36.45 0.04 0.00	48.05 0.02 0.00	37.49 -0.28 0.04	32.10 -0.58 0.00	9.31 -0.19 -0.23	-11.09 0.23 -1.35	0.07 0.18 -7.35	11.36 -0.19 -0.41	-10.43 0.22 -0.60	-5.22 0.08 -0.33	-0.72 0.01 -0.44	13.21 -0.04 -0.72	31.17 -0.09 -1.40	35.57 -0.03 -1.85	59.06 -0.14 -1.91	50.53 0.04 -0.30	37.98 0.00 -2.01	24.25 -0.08 -0.93	6.67 -0.05 -0.48
BABYLON_RES_REC 323704	56.22 2.71 -8.54	47.27 2.94 -1.83	43.00 2.32 -8.39	39.41 2.25 -5.70	57.28 2.36 -24.04	56.74 2.48 -17.85	53.09 3.16 -1.91	56.98 2.68 -16.47	40.74 2.72 -5.35	23.80 0.74 -13.78	59.76 -0.77 -73.21	136.64 -0.33 -144.44	48.42 0.83 -36.44	20.96 -0.86 -33.08	26.99 -0.48 -33.11	23.51 -0.09 -24.77	48.20 1.14 -34.53	61.09 2.70 -28.53	75.12 2.86 -38.52	94.69 4.79 -32.59	113.35 3.85 -59.32	85.85 2.78 -47.10	64.50 1.94 -39.16	52.53 0.51 -45.76
BALL_HILL_WT_PWR 323825	42.07 -2.92 0.00	40.67 -1.83 0.00	30.40 -1.90 0.00	29.83 -1.63 0.00	29.05 -1.83 0.00	34.76 -1.64 0.00	45.35 -2.68 0.00	35.18 -2.39 0.26	30.57 -2.10 0.00	8.93 -0.61 -0.26	-10.68 0.47 -1.52	1.32 0.48 -8.31	11.28 -0.33 -0.46	-10.15 0.42 -0.67	-5.06 0.20 -0.37	-0.66 0.02 -0.49	9.18 -0.39 2.96	20.39 -1.15 8.32	19.75 -1.76 12.24	34.02 -3.55 19.73	24.54 -3.19 22.45	20.32 -1.99 13.65	16.66 -1.47 5.28	6.26 -0.51 -0.52
BARON_WINDS____WT_PWR 323822	42.36 -2.62 0.00	40.58 -1.92 0.00	30.43 -1.87 0.00	29.98 -1.48 0.00	29.25 -1.64 0.00	34.88 -1.52 0.00	45.43 -2.59 0.00	34.84 -2.58 0.39	30.22 -2.45 0.00	8.91 -0.69 -0.33	-10.19 0.90 -1.59	-8.51 0.80 1.85	-7.52 -0.77 17.90	-18.41 0.90 8.06	-18.23 0.45 13.04	-12.86 0.07 11.76	-26.58 -0.85 38.26	-34.47 -2.07 62.26	-41.58 -2.49 72.84	-43.83 -3.91 97.23	-43.33 -3.43 90.09	-43.00 -2.29 76.67	-8.35 -1.46 30.28	6.41 -0.50 -0.66
BARRETT_IC_1 23704	55.47 2.39 -8.10	46.95 2.72 -1.73	42.40 2.15 -7.96	38.95 2.08 -5.41	55.85 2.15 -22.82	55.60 2.25 -16.94	52.77 2.93 -1.81	55.87 2.41 -15.64	40.30 2.55 -5.08	23.79 0.73 -13.78	59.77 -0.76 -73.21	131.10 -0.31 -138.88	47.68 0.79 -35.75	20.92 -0.87 -33.04	26.22 -0.48 -32.33	23.45 -0.09 -24.72	47.11 1.13 -33.45	60.00 2.63 -27.50	73.12 2.67 -36.70	92.81 4.41 -31.09	109.16 3.25 -55.73	83.12 2.39 -44.76	60.84 1.63 -35.81	50.10 0.43 -43.42
BARRETT_IC_10 23701	55.47 2.39 -8.10	46.95 2.72 -1.73	42.40 2.15 -7.96	38.95 2.08 -5.41	55.85 2.15 -22.82	55.60 2.25 -16.94	52.77 2.93 -1.81	55.87 2.41 -15.64	40.30 2.55 -5.08	23.79 0.73 -13.78	59.77 -0.76 -73.21	131.10 -0.31 -138.88	47.68 0.79 -35.75	20.92 -0.87 -33.04	26.22 -0.48 -32.33	23.45 -0.09 -24.72	47.11 1.13 -33.45	60.00 2.63 -27.50	73.12 2.67 -36.70	92.81 4.41 -31.09	109.16 3.25 -55.73	83.12 2.39 -44.76	60.84 1.63 -35.81	50.10 0.43 -43.42
BARRETT_IC_11 23702	55.47 2.39 -8.10	46.95 2.72 -1.73	42.40 2.15 -7.96	38.95 2.08 -5.41	55.85 2.15 -22.82	55.60 2.25 -16.94	52.77 2.93 -1.81	55.87 2.41 -15.64	40.30 2.55 -5.08	23.79 0.73 -13.78	59.77 -0.76 -73.21	131.10 -0.31 -138.88	47.68 0.79 -35.75	20.92 -0.87 -33.04	26.22 -0.48 -32.33	23.45 -0.09 -24.72	47.11 1.13 -33.45	60.00 2.63 -27.50	73.12 2.67 -36.70	92.81 4.41 -31.09	109.16 3.25 -55.73	83.12 2.39 -44.76	60.84 1.63 -35.81	50.10 0.43 -43.42
BARRETT_IC_12 23703	55.47 2.39 -8.10	46.95 2.72 -1.73	42.40 2.15 -7.96	38.95 2.08 -5.41	55.85 2.15 -22.82	55.60 2.25 -16.94	52.77 2.93 -1.81	55.87 2.41 -15.64	40.30 2.55 -5.08	23.79 0.73 -13.78	59.77 -0.76 -73.21	131.10 -0.31 -138.88	47.68 0.79 -35.75	20.92 -0.87 -33.04	26.22 -0.48 -32.33	23.45 -0.09 -24.72	47.11 1.13 -33.45	60.00 2.63 -27.50	73.12 2.67 -36.70	92.81 4.41 -31.09	109.16 3.25 -55.73	83.12 2.39 -44.76	60.84 1.63 -35.81	50.10 0.43 -43.42
BARRETT_IC_2 23705	55.47 2.39 -8.10	46.95 2.72 -1.73	42.40 2.15 -7.96	38.95 2.08 -5.41	55.85 2.15 -22.82	55.60 2.25 -16.94	52.77 2.93 -1.81	55.87 2.41 -15.64	40.30 2.55 -5.08	23.79 0.73 -13.78	59.77 -0.76 -73.21	131.10 -0.31 -138.88	47.68 0.79 -35.75	20.92 -0.87 -33.04	26.22 -0.48 -32.33	23.45 -0.09 -24.72	47.11 1.13 -33.45	60.00 2.63 -27.50	73.12 2.67 -36.70	92.81 4.41 -31.09	109.16 3.25 -55.73	83.12 2.39 -44.76	60.84 1.63 -35.81	50.10 0.43 -43.42
BARRETT_IC_3 23706	55.47 2.39 -8.10	46.95 2.72 -1.73	42.40 2.15 -7.96	38.95 2.08 -5.41	55.85 2.15 -22.82	55.60 2.25 -16.94	52.77 2.93 -1.81	55.87 2.41 -15.64	40.30 2.55 -5.08	23.79 0.73 -13.78	59.77 -0.76 -73.21	131.10 -0.31 -138.88	47.68 0.79 -35.75	20.92 -0.87 -33.04	26.22 -0.48 -32.33	23.45 -0.09 -24.72	47.11 1.13 -33.45	60.00 2.63 -27.50	73.12 2.67 -36.70	92.81 4.41 -31.09	109.16 3.25 -55.73	83.12 2.39 -44.76	60.84 1.63 -35.81	50.10 0.43 -43.42
BARRETT_IC_4 23707	55.47 2.39 -8.10	46.95 2.72 -1.73	42.40 2.15 -7.96	38.95 2.08 -5.41	55.85 2.15 -22.82	55.60 2.25 -16.94	52.77 2.93 -1.81	55.87 2.41 -15.64	40.30 2.55 -5.08	23.79 0.73 -13.78	59.77 -0.76 -73.21	131.10 -0.31 -138.88	47.68 0.79 -35.75	20.92 -0.87 -33.04	26.22 -0.48 -32.33	23.45 -0.09 -24.72	47.11 1.13 -33.45	60.00 2.63 -27.50	73.12 2.67 -36.70	92.81 4.41 -31.09	109.16 3.25 -55.73	83.12 2.39 -44.76	60.84 1.63 -35.81	50.10 0.43 -43.42
BARRETT_IC_5 23708	55.47 2.39 -8.10	46.95 2.72 -1.73	42.40 2.15 -7.96	38.95 2.08 -5.41	55.85 2.15 -22.82	55.60 2.25 -16.94	52.77 2.93 -1.81	55.87 2.41 -15.64	40.30 2.55 -5.08	23.79 0.73 -13.78	59.77 -0.76 -73.21	131.10 -0.31 -138.88	47.68 0.79 -35.75	20.92 -0.87 -33.04	26.22 -0.48 -32.33	23.45 -0.09 -24.72	47.11 1.13 -33.45	60.00 2.63 -27.50	73.12 2.67 -36.70	92.81 4.41 -31.09	109.16 3.25 -55.73	83.12 2.39 -44.76	60.84 1.63 -35.81	50.10 0.43 -43.42

BARRETT_IC_6 23709	55.47 2.39 -8.10	46.95 2.72 -1.73	42.40 2.15 -7.96	38.95 2.08 -5.41	55.85 2.15 -22.82	55.60 2.25 -16.94	52.77 2.93 -1.81	55.87 2.41 -15.64	40.30 2.55 -5.08	23.79 0.73 -13.78	59.77 -0.76 -73.21	131.10 -0.31 -138.88	47.68 0.79 -35.75	20.92 -0.87 -33.04	26.22 -0.48 -32.33	23.45 -0.09 -24.72	47.11 1.13 -33.45	60.00 2.63 -27.50	73.12 2.67 -36.70	92.81 4.41 -31.09	109.16 3.25 -55.73	83.12 2.39 -44.76	60.84 1.63 -35.81	50.10 0.43 -43.42
BARRETT_IC_7 23710	55.46 2.38 -8.10	46.96 2.73 -1.73	42.41 2.16 -7.96	38.95 2.09 -5.41	55.86 2.16 -22.82	55.61 2.26 -16.94	52.77 2.94 -1.81	55.87 2.41 -15.64	40.30 2.55 -5.08	23.79 0.73 -13.78	59.76 -0.77 -73.21	131.08 -0.34 -138.88	47.70 0.80 -35.75	20.94 -0.84 -33.04	26.24 -0.46 -32.33	23.45 -0.09 -24.72	47.11 1.13 -33.45	60.00 2.64 -27.50	73.13 2.68 -36.70	92.80 4.40 -31.09	109.14 3.22 -55.73	83.12 2.39 -44.76	60.81 1.60 -35.81	50.10 0.43 -43.42
BARRETT_IC_8 23711	55.47 2.39 -8.10	46.95 2.72 -1.73	42.40 2.15 -7.96	38.95 2.08 -5.41	55.85 2.15 -22.82	55.60 2.25 -16.94	52.77 2.93 -1.81	55.87 2.41 -15.64	40.30 2.55 -5.08	23.79 0.73 -13.78	59.77 -0.76 -73.21	131.10 -0.31 -138.88	47.68 0.79 -35.75	20.92 -0.87 -33.04	26.22 -0.48 -32.33	23.45 -0.09 -24.72	47.11 1.13 -33.45	60.00 2.63 -27.50	73.12 2.67 -36.70	92.81 4.41 -31.09	109.16 3.25 -55.73	83.12 2.39 -44.76	60.84 1.63 -35.81	50.10 0.43 -43.42
BARRETT_IC_9 23700	55.47 2.39 -8.10	46.95 2.72 -1.73	42.40 2.15 -7.96	38.95 2.08 -5.41	55.85 2.15 -22.82	55.60 2.25 -16.94	52.77 2.93 -1.81	55.87 2.41 -15.64	40.30 2.55 -5.08	23.79 0.73 -13.78	59.77 -0.76 -73.21	131.10 -0.31 -138.88	47.68 0.79 -35.75	20.92 -0.87 -33.04	26.22 -0.48 -32.33	23.45 -0.09 -24.72	47.11 1.13 -33.45	60.00 2.63 -27.50	73.12 2.67 -36.70	92.81 4.41 -31.09	109.16 3.25 -55.73	83.12 2.39 -44.76	60.84 1.63 -35.81	50.10 0.43 -43.42
BARRETT___1 23545	55.47 2.39 -8.10	46.95 2.72 -1.73	42.40 2.15 -7.96	38.95 2.08 -5.41	55.85 2.15 -22.82	55.60 2.25 -16.94	52.77 2.93 -1.81	55.87 2.41 -15.64	40.30 2.55 -5.08	23.79 0.73 -13.78	59.77 -0.76 -73.21	131.10 -0.31 -138.88	47.68 0.79 -35.75	20.92 -0.87 -33.04	26.22 -0.48 -32.33	23.45 -0.09 -24.72	47.11 1.13 -33.45	60.00 2.63 -27.50	73.12 2.67 -36.70	92.81 4.41 -31.09	109.16 3.25 -55.73	83.12 2.39 -44.76	60.84 1.63 -35.81	50.10 0.43 -43.42
BARRETT___2 23546	55.47 2.39 -8.10	46.95 2.72 -1.73	42.40 2.15 -7.96	38.95 2.08 -5.41	55.85 2.15 -22.82	55.60 2.25 -16.94	52.77 2.93 -1.81	55.87 2.41 -15.64	40.30 2.55 -5.08	23.79 0.73 -13.78	59.77 -0.76 -73.21	131.10 -0.31 -138.88	47.68 0.79 -35.75	20.92 -0.87 -33.04	26.22 -0.48 -32.33	23.45 -0.09 -24.72	47.11 1.13 -33.45	60.00 2.63 -27.50	73.12 2.67 -36.70	92.81 4.41 -31.09	109.16 3.25 -55.73	83.12 2.39 -44.76	60.84 1.63 -35.81	50.10 0.43 -43.42
BATAVIA___115KV_TB1 55881	42.87 -2.12 0.00	41.36 -1.14 0.00	31.07 -1.23 0.00	30.36 -1.09 0.00	29.59 -1.29 0.00	35.35 -1.05 0.00	46.22 -1.81 0.00	35.94 -1.70 0.18	30.83 -1.84 0.00	8.99 -0.51 -0.23	-10.94 0.42 -1.32	0.09 0.37 -7.18	11.16 -0.38 -0.40	-10.41 0.26 -0.58	-5.19 0.12 -0.32	-0.73 0.01 -0.43	11.43 -0.22 0.88	25.37 -0.65 3.85	26.74 -0.80 6.22	44.36 -1.95 11.00	35.05 -1.69 13.44	27.76 -1.14 7.07	19.76 -0.96 2.68	6.37 -0.34 -0.45
BAYONEEC___CTG1 323682	47.28 2.30 0.00	45.05 2.55 0.00	34.30 2.01 0.00	33.38 1.93 0.00	32.88 2.00 0.00	38.47 2.07 0.00	50.75 2.72 0.00	40.15 2.33 0.00	35.40 2.54 -0.19	35.33 0.76 -25.30	62.65 -0.97 -76.29	390.27 -0.59 -398.32	34.07 0.74 -22.19	20.20 -0.82 -32.27	11.77 -0.44 -17.84	22.45 -0.08 -23.70	27.09 1.12 -13.44	41.04 2.67 -8.51	39.41 2.75 -2.91	70.50 4.62 -8.58	53.54 3.35 0.00	38.35 2.38 0.00	32.41 1.66 -7.35	32.54 0.44 -25.85
BAYONEEC___CTG10 323750	47.28 2.30 0.00	45.05 2.55 0.00	34.30 2.01 0.00	33.38 1.93 0.00	32.88 2.00 0.00	38.47 2.07 0.00	50.75 2.72 0.00	40.15 2.33 0.00	35.40 2.54 -0.19	35.33 0.76 -25.30	62.65 -0.97 -76.29	390.27 -0.59 -398.32	34.07 0.74 -22.19	20.20 -0.82 -32.27	11.77 -0.44 -17.84	22.45 -0.08 -23.70	27.09 1.12 -13.44	41.04 2.67 -8.51	39.41 2.75 -2.91	70.50 4.62 -8.58	53.54 3.35 0.00	38.35 2.38 0.00	32.41 1.66 -7.35	32.54 0.44 -25.85
BAYONEEC___CTG2 323683	47.28 2.30 0.00	45.05 2.55 0.00	34.30 2.01 0.00	33.38 1.93 0.00	32.88 2.00 0.00	38.47 2.07 0.00	50.75 2.72 0.00	40.15 2.33 0.00	35.40 2.54 -0.19	35.33 0.76 -25.30	62.65 -0.97 -76.29	390.27 -0.59 -398.32	34.07 0.74 -22.19	20.20 -0.82 -32.27	11.77 -0.44 -17.84	22.45 -0.08 -23.70	27.09 1.12 -13.44	41.04 2.67 -8.51	39.41 2.75 -2.91	70.50 4.62 -8.58	53.54 3.35 0.00	38.35 2.38 0.00	32.41 1.66 -7.35	32.54 0.44 -25.85
BAYONEEC___CTG3 323684	47.28 2.30 0.00	45.05 2.55 0.00	34.30 2.01 0.00	33.38 1.93 0.00	32.88 2.00 0.00	38.47 2.07 0.00	50.75 2.72 0.00	40.15 2.33 0.00	35.40 2.54 -0.19	35.33 0.76 -25.30	62.65 -0.97 -76.29	390.27 -0.59 -398.32	34.07 0.74 -22.19	20.20 -0.82 -32.27	11.77 -0.44 -17.84	22.45 -0.08 -23.70	27.09 1.12 -13.44	41.04 2.67 -8.51	39.41 2.75 -2.91	70.50 4.62 -8.58	53.54 3.35 0.00	38.35 2.38 0.00	32.41 1.66 -7.35	32.54 0.44 -25.85
BAYONEEC___CTG4 323685	47.28 2.30 0.00	45.05 2.55 0.00	34.30 2.01 0.00	33.38 1.93 0.00	32.88 2.00 0.00	38.47 2.07 0.00	50.75 2.72 0.00	40.15 2.33 0.00	35.40 2.54 -0.19	35.33 0.76 -25.30	62.65 -0.97 -76.29	390.27 -0.59 -398.32	34.07 0.74 -22.19	20.20 -0.82 -32.27	11.77 -0.44 -17.84	22.45 -0.08 -23.70	27.09 1.12 -13.44	41.04 2.67 -8.51	39.41 2.75 -2.91	70.50 4.62 -8.58	53.54 3.35 0.00	38.35 2.38 0.00	32.41 1.66 -7.35	32.54 0.44 -25.85
BAYONEEC___CTG5 323686	47.28 2.30 0.00	45.05 2.55 0.00	34.30 2.01 0.00	33.38 1.93 0.00	32.88 2.00 0.00	38.47 2.07 0.00	50.75 2.72 0.00	40.15 2.33 0.00	35.40 2.54 -0.19	35.33 0.76 -25.30	62.65 -0.97 -76.29	390.27 -0.59 -398.32	34.07 0.74 -22.19	20.20 -0.82 -32.27	11.77 -0.44 -17.84	22.45 -0.08 -23.70	27.09 1.12 -13.44	41.04 2.67 -8.51	39.41 2.75 -2.91	70.50 4.62 -8.58	53.54 3.35 0.00	38.35 2.38 0.00	32.41 1.66 -7.35	32.54 0.44 -25.85
BAYONEEC___CTG6 323687	47.28 2.30 0.00	45.05 2.55 0.00	34.30 2.01 0.00	33.38 1.93 0.00	32.88 2.00 0.00	38.47 2.07 0.00	50.75 2.72 0.00	40.15 2.33 0.00	35.40 2.54 -0.19	35.33 0.76 -25.30	62.65 -0.97 -76.29	390.27 -0.59 -398.32	34.07 0.74 -22.19	20.20 -0.82 -32.27	11.77 -0.44 -17.84	22.45 -0.08 -23.70	27.09 1.12 -13.44	41.04 2.67 -8.51	39.41 2.75 -2.91	70.50 4.62 -8.58	53.54 3.35 0.00	38.35 2.38 0.00	32.41 1.66 -7.35	32.54 0.44 -25.85
BAYONEEC___CTG7 323688	47.28 2.30 0.00	45.05 2.55 0.00	34.30 2.01 0.00	33.38 1.93 0.00	32.88 2.00 0.00	38.47 2.07 0.00	50.75 2.72 0.00	40.15 2.33 0.00	35.40 2.54 -0.19	35.33 0.76 -25.30	62.65 -0.97 -76.29	390.27 -0.59 -398.32	34.07 0.74 -22.19	20.20 -0.82 -32.27	11.77 -0.44 -17.84	22.45 -0.08 -23.70	27.09 1.12 -13.44	41.04 2.67 -8.51	39.41 2.75 -2.91	70.50 4.62 -8.58	53.54 3.35 0.00	38.35 2.38 0.00	32.41 1.66 -7.35	32.54 0.44 -25.85

BAYONEEC___CTG8 323689	47.28 2.30 0.00	45.05 2.55 0.00	34.30 2.01 0.00	33.38 1.93 0.00	32.88 2.00 0.00	38.47 2.07 0.00	50.75 2.72 0.00	40.15 2.33 0.00	35.40 2.54 -0.19	35.33 0.76 -25.30	62.65 -0.97 -76.29	390.27 -0.59 -398.32	34.07 0.74 -22.19	20.20 -0.82 -32.27	11.77 -0.44 -17.84	22.45 -0.08 -23.70	27.09 1.12 -13.44	41.04 2.67 -8.51	39.41 2.75 -2.91	70.50 4.62 -8.58	53.54 3.35 0.00	38.35 2.38 0.00	32.41 1.66 -7.35	32.54 0.44 -25.85
BAYONEEC___CTG9 323749	47.28 2.30 0.00	45.05 2.55 0.00	34.30 2.01 0.00	33.38 1.93 0.00	32.88 2.00 0.00	38.47 2.07 0.00	50.75 2.72 0.00	40.15 2.33 0.00	35.40 2.54 -0.19	35.33 0.76 -25.30	62.65 -0.97 -76.29	390.27 -0.59 -398.32	34.07 0.74 -22.19	20.20 -0.82 -32.27	11.77 -0.44 -17.84	22.45 -0.08 -23.70	27.09 1.12 -13.44	41.04 2.67 -8.51	39.41 2.75 -2.91	70.50 4.62 -8.58	53.54 3.35 0.00	38.35 2.38 0.00	32.41 1.66 -7.35	32.54 0.44 -25.85
BAYPORT_69_KV_BK 2 356364	55.76 2.97 -7.80	47.34 3.17 -1.67	42.45 2.49 -7.67	39.08 2.42 -5.21	55.41 2.54 -21.98	55.42 2.70 -16.32	53.17 3.41 -1.74	55.86 2.97 -15.06	40.53 2.97 -4.89	23.86 0.80 -13.78	59.71 -0.82 -73.21	119.48 -0.30 -127.24	47.31 0.89 -35.28	20.84 -0.92 -33.01	25.67 -0.50 -31.80	23.41 -0.10 -24.68	46.46 1.22 -32.72	59.63 2.96 -26.81	72.38 3.17 -35.46	93.19 5.34 -30.54	108.82 4.39 -54.25	82.38 3.24 -43.17	62.09 2.20 -36.49	51.06 0.57 -44.23
BEACON___LESR 323632	46.14 1.16 0.00	43.79 1.29 0.00	33.43 1.14 0.00	32.55 1.10 0.00	32.02 1.15 0.00	37.63 1.23 0.00	49.59 1.56 0.00	39.09 1.27 0.00	33.92 1.25 0.00	23.54 0.38 -13.88	67.25 -0.51 -80.43	431.84 -0.28 -439.59	36.11 0.47 -24.49	23.87 -0.49 -35.62	13.81 -0.25 -19.68	24.94 -0.05 -26.16	27.88 0.52 -14.83	40.49 1.24 -9.39	38.45 1.46 -3.25	69.19 2.42 -9.47	52.12 1.93 0.00	37.40 1.43 0.00	32.52 1.01 -8.11	35.08 0.31 -28.52
BEAVER RIVER___HYD 24048	43.59 -1.39 0.00	41.36 -1.14 0.00	31.49 -0.81 0.00	30.73 -0.73 0.00	29.95 -0.93 0.00	35.46 -0.95 0.00	46.71 -1.31 0.00	36.78 -1.04 0.00	31.22 -1.46 0.00	8.73 -0.55 0.00	-11.84 0.84 0.00	-7.12 0.35 0.00	10.38 -0.77 0.00	-10.41 0.83 0.00	-5.14 0.49 16.53	-17.58 0.12 0.00	11.36 -1.17 0.00	27.33 -2.53 0.00	31.78 -2.01 -0.04	54.67 -2.63 0.00	48.84 -1.34 0.00	34.62 -1.35 0.00	22.24 -1.16 0.00	5.94 -0.31 0.00
BEEBEE_GT_13 23619	43.52 -1.47 0.00	41.63 -0.87 0.00	31.40 -0.89 0.00	30.65 -0.80 0.00	29.97 -0.91 0.00	35.61 -0.80 0.00	46.73 -1.29 0.00	36.51 -1.19 0.12	31.51 -1.17 0.00	9.15 -0.32 -0.20	-11.22 0.29 -1.16	-0.30 0.24 -6.93	12.28 -0.23 -1.37	-10.08 0.17 -1.00	-4.53 0.08 -1.03	-0.11 0.01 -1.05	13.77 -0.11 -1.34	30.43 -0.38 -0.95	33.37 -0.66 -0.27	53.69 -1.56 2.06	44.07 -1.48 4.64	34.94 -1.03 0.00	22.73 -0.79 -0.12	6.40 -0.26 -0.41
BENSHRST_27_KV_BENSHRST_1 355998	47.64 2.66 0.00	45.36 2.86 0.00	34.53 2.24 0.00	33.58 2.13 0.00	33.07 2.18 0.00	38.69 2.29 0.00	51.09 3.07 0.00	40.45 2.62 0.00	35.63 2.80 -0.16	33.74 0.88 -23.58	61.96 -1.09 -75.72	390.20 -0.66 -398.33	34.23 0.89 -22.19	20.10 -0.92 -32.27	11.72 -0.49 -17.84	22.44 -0.10 -23.71	27.21 1.24 -13.44	41.34 2.96 -8.51	39.75 3.09 -2.91	71.07 5.19 -8.58	54.06 3.88 0.00	38.75 2.78 0.00	32.65 1.90 -7.35	32.60 0.50 -25.85
BETHLEHEM___GRP 23843	45.51 0.53 0.00	43.15 0.65 0.00	32.98 0.69 0.00	32.11 0.65 0.00	31.59 0.70 0.00	37.09 0.69 0.00	48.87 0.84 0.00	38.53 0.70 0.00	33.42 0.75 0.00	23.40 0.24 -13.88	67.49 -0.29 -80.45	432.07 -0.18 -439.71	35.97 0.33 -24.49	24.07 -0.31 -35.63	13.90 -0.16 -19.69	24.96 -0.04 -26.17	27.72 0.36 -14.83	40.07 0.81 -9.40	37.90 0.90 -3.25	68.20 1.43 -9.47	51.27 1.08 0.00	36.82 0.86 0.00	32.18 0.67 -8.11	35.02 0.23 -28.53
BETHLEHEM___GS1 323560	45.51 0.53 0.00	43.15 0.65 0.00	32.99 0.69 0.00	32.11 0.65 0.00	31.58 0.70 0.00	37.09 0.69 0.00	48.87 0.84 0.00	38.52 0.71 0.00	33.42 0.75 0.00	23.40 0.24 -13.88	67.49 -0.29 -80.45	432.07 -0.17 -439.71	35.96 0.32 -24.49	24.04 -0.33 -35.63	13.89 -0.17 -19.69	24.96 -0.04 -26.17	27.72 0.36 -14.83	40.06 0.80 -9.40	37.89 0.90 -3.25	68.19 1.42 -9.47	51.27 1.09 0.00	36.83 0.86 0.00	32.18 0.67 -8.11	35.01 0.23 -28.53
BETHLEHEM___GS2 323561	45.51 0.53 0.00	43.15 0.65 0.00	32.99 0.69 0.00	32.11 0.65 0.00	31.58 0.70 0.00	37.09 0.69 0.00	48.87 0.84 0.00	38.52 0.71 0.00	33.42 0.75 0.00	23.40 0.24 -13.88	67.49 -0.29 -80.45	432.07 -0.17 -439.71	35.96 0.32 -24.49	24.04 -0.33 -35.63	13.89 -0.17 -19.69	24.96 -0.04 -26.17	27.72 0.36 -14.83	40.06 0.80 -9.40	37.89 0.90 -3.25	68.19 1.42 -9.47	51.27 1.09 0.00	36.83 0.86 0.00	32.18 0.67 -8.11	35.01 0.23 -28.53
BETHLEHEM___GS3 323562	45.51 0.53 0.00	43.15 0.65 0.00	32.99 0.69 0.00	32.11 0.65 0.00	31.58 0.70 0.00	37.09 0.69 0.00	48.87 0.84 0.00	38.52 0.71 0.00	33.42 0.75 0.00	23.40 0.24 -13.88	67.49 -0.29 -80.45	432.07 -0.17 -439.71	35.96 0.32 -24.49	24.04 -0.33 -35.63	13.89 -0.17 -19.69	24.96 -0.04 -26.17	27.72 0.36 -14.83	40.06 0.80 -9.40	37.89 0.90 -3.25	68.19 1.42 -9.47	51.27 1.09 0.00	36.83 0.86 0.00	32.18 0.67 -8.11	35.01 0.23 -28.53
BETHLEHEM___STEEL 23779	41.79 -3.19 0.00	40.46 -2.04 0.00	30.30 -1.99 0.00	29.68 -1.77 0.00	28.86 -2.02 0.00	34.53 -1.87 0.00	45.03 -3.00 0.00	35.07 -2.50 0.25	30.48 -2.19 0.00	8.94 -0.59 -0.26	-10.69 0.48 -1.50	1.16 0.43 -8.20	11.18 -0.42 -0.46	-10.29 0.30 -0.67	-5.13 0.14 -0.37	-0.67 0.01 -0.49	9.32 -0.32 2.88	20.67 -1.09 8.11	20.13 -1.69 11.94	34.50 -3.58 19.22	25.09 -3.25 21.84	20.50 -2.15 13.32	16.70 -1.55 5.14	6.26 -0.50 -0.51
BETHLHEM_115KV_TB1 79974	45.63 0.65 0.00	43.28 0.78 0.00	33.05 0.75 0.00	32.17 0.72 0.00	31.65 0.77 0.00	37.17 0.77 0.00	48.97 0.94 0.00	38.60 0.78 0.00	33.49 0.82 0.00	23.41 0.26 -13.87	67.42 -0.32 -80.41	431.84 -0.19 -439.49	35.98 0.35 -24.48	24.03 -0.33 -35.61	13.88 -0.17 -19.68	24.95 -0.04 -26.15	27.73 0.38 -14.82	40.13 0.87 -9.39	37.96 0.97 -3.24	68.33 1.56 -9.46	51.40 1.21 0.00	36.90 0.93 0.00	32.21 0.71 -8.11	35.00 0.24 -28.52
BETHPAGE_CC_5 323564	56.74 2.75 -9.00	47.40 2.98 -1.93	43.51 2.38 -8.84	39.76 2.30 -6.01	58.63 2.40 -25.35	57.77 2.55 -18.82	53.27 3.23 -2.01	57.93 2.74 -17.37	41.09 2.78 -5.64	23.83 0.77 -13.78	59.70 -0.84 -73.21	146.93 -0.38 -154.77	49.20 0.86 -37.19	20.96 -0.91 -33.12	27.80 -0.50 -33.94	23.56 -0.10 -24.83	49.40 1.20 -35.68	62.31 2.83 -29.62	77.18 2.97 -40.45	96.17 4.97 -33.90	116.67 3.94 -62.54	88.41 2.85 -49.60	66.23 1.95 -40.87	53.51 0.52 -46.74
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	41.83 -3.15 0.00	40.50 -2.00 0.00	30.33 -1.96 0.00	29.72 -1.73 0.00	28.90 -1.98 0.00	34.59 -1.82 0.00	45.09 -2.94 0.00	35.12 -2.45 0.25	30.52 -2.15 0.00	8.96 -0.58 -0.26	-10.69 0.47 -1.52	1.23 0.43 -8.27	11.19 -0.41 -0.46	-10.29 0.29 -0.67	-5.12 0.14 -0.37	-0.67 0.01 -0.49	9.52 -0.32 2.69	21.18 -1.06 7.62	20.86 -1.66 11.24	35.36 -3.50 18.44	25.77 -3.16 21.26	21.36 -2.08 12.53	17.06 -1.50 4.83	6.27 -0.50 -0.52

BINGHAMTON___COGEN 23790	44.24 -0.75 0.00	42.05 -0.45 0.00	31.82 -0.47 0.00	31.12 -0.33 0.00	30.49 -0.39 0.00	36.12 -0.28 0.00	47.70 -0.32 0.00	37.60 -0.58 -0.36	31.87 -0.80 0.00	9.57 -0.27 -0.56	-9.20 0.28 -3.20	9.25 0.25 -16.46	10.04 -0.25 0.86	-10.46 0.25 -0.54	-6.07 0.12 0.56	-1.34 0.02 0.18	11.55 -0.10 0.87	29.98 -0.26 -0.38	35.62 -0.26 -2.13	65.77 -0.23 -8.70	66.39 -0.15 -16.36	38.12 -0.15 -2.30	24.46 -0.18 -1.24	7.30 -0.09 -1.14
BIXINCNT_115KV_LOAD 355685	42.20 -2.79 0.00	40.84 -1.66 0.00	30.55 -1.74 0.00	30.02 -1.44 0.00	29.16 -1.73 0.00	34.91 -1.50 0.00	45.57 -2.45 0.00	35.46 -2.09 0.28	30.82 -1.85 0.00	8.99 -0.56 -0.27	-10.56 0.53 -1.58	1.70 0.53 -8.63	11.07 -0.56 -0.48	-10.16 0.39 -0.70	-5.02 0.22 -0.39	-0.62 0.03 -0.51	10.13 -0.72 1.68	22.90 -1.99 4.98	23.67 -2.62 7.46	38.70 -4.43 14.17	28.76 -3.43 17.99	25.56 -2.09 8.31	18.92 -1.33 3.15	6.29 -0.50 -0.54
BLACK RIVER___HYD 24047	43.44 -1.54 0.00	41.22 -1.28 0.00	31.37 -0.92 0.00	30.62 -0.83 0.00	29.88 -1.00 0.00	35.43 -0.98 0.00	46.72 -1.31 0.00	36.69 -1.13 0.00	30.95 -1.72 0.00	8.63 -0.65 0.00	-11.71 0.97 0.00	-6.97 0.49 0.00	10.27 -0.88 0.00	-10.32 0.93 0.00	-5.09 0.55 0.00	-12.17 0.12 11.13	11.29 -1.24 0.00	27.19 -2.68 0.00	31.77 -2.04 -0.06	54.93 -2.37 0.00	49.13 -1.06 0.00	34.65 -1.32 0.00	22.19 -1.21 0.00	5.92 -0.33 0.00
BLACKRVR_115KV_TB2 79977	43.44 -1.54 0.00	41.22 -1.28 0.00	31.37 -0.92 0.00	30.62 -0.83 0.00	29.88 -1.00 0.00	35.43 -0.98 0.00	46.72 -1.31 0.00	36.70 -1.13 0.00	30.96 -1.72 0.00	8.63 -0.65 0.00	-11.70 0.97 0.00	-6.95 0.52 0.00	10.27 -0.88 0.00	-10.32 0.93 0.00	-5.09 0.55 0.00	-12.17 0.12 11.13	11.29 -1.24 0.00	27.18 -2.68 0.00	31.77 -2.04 -0.06	54.93 -2.37 0.00	49.12 -1.06 0.00	34.65 -1.31 0.00	22.20 -1.20 0.00	5.92 -0.33 0.00
BLISS_WT_PWR 323608	42.19 -2.80 0.00	40.83 -1.67 0.00	30.53 -1.76 0.00	30.00 -1.45 0.00	29.12 -1.76 0.00	34.87 -1.53 0.00	45.55 -2.48 0.00	35.45 -2.09 0.28	30.84 -1.84 0.00	8.97 -0.58 -0.27	-10.61 0.48 -1.58	1.78 0.62 -8.63	11.07 -0.56 -0.48	-10.00 0.55 -0.70	-4.97 0.28 -0.39	-0.61 0.04 -0.51	9.99 -0.86 1.68	22.58 -2.30 4.98	23.32 -2.97 7.46	38.21 -4.92 14.17	28.46 -3.74 17.99	25.43 -2.23 8.31	18.88 -1.37 3.15	6.28 -0.51 -0.54
BLUESTONE___WT_PWR 323821	46.25 1.27 0.00	43.97 1.47 0.00	33.26 0.96 0.00	32.41 0.96 0.00	31.80 0.92 0.00	37.67 1.26 0.00	50.15 2.12 0.00	39.29 1.30 -0.17	33.10 0.43 0.00	12.53 -0.06 -3.31	6.12 -0.35 -19.15	96.80 0.16 -104.10	15.84 -0.13 -4.83	-3.34 -0.09 -8.01	-1.74 -0.06 -3.96	4.41 0.02 -5.56	15.50 0.07 -2.90	32.81 0.37 -2.57	36.69 1.19 -1.75	68.30 3.49 -7.51	62.11 3.25 -8.67	39.68 1.80 -1.92	27.27 1.17 -2.69	13.34 0.29 -6.79
BLUE_CIRC_CHEM_DRP 24182	46.19 1.20 0.00	43.81 1.31 0.00	33.40 1.10 0.00	32.53 1.08 0.00	31.99 1.11 0.00	37.61 1.20 0.00	49.54 1.52 0.00	39.00 1.18 0.00	33.81 1.14 0.00	23.38 0.34 -13.76	66.67 -0.43 -79.78	428.32 -0.23 -436.01	35.84 0.40 -24.29	23.68 -0.40 -35.33	13.69 -0.20 -19.53	24.73 -0.04 -25.95	27.65 0.41 -14.71	40.17 0.99 -9.32	38.21 1.24 -3.21	68.85 2.16 -9.39	51.94 1.75 0.00	37.25 1.29 0.00	32.36 0.91 -8.04	34.82 0.27 -28.29
BOC_GAS_DRP 24189	45.90 0.92 0.00	43.55 1.05 0.00	33.19 0.89 0.00	32.31 0.86 0.00	31.78 0.90 0.00	37.35 0.94 0.00	49.22 1.20 0.00	38.79 0.97 0.00	33.65 0.98 0.00	23.42 0.30 -13.84	67.14 -0.40 -80.21	430.70 -0.24 -438.40	35.95 0.39 -24.42	23.88 -0.38 -35.52	13.80 -0.20 -19.63	24.87 -0.04 -26.09	27.77 0.45 -14.79	40.27 1.04 -9.37	38.12 1.13 -3.23	68.63 1.89 -9.44	51.67 1.48 0.00	37.05 1.09 0.00	32.27 0.78 -8.08	34.93 0.23 -28.45
BOONVILLE_115KV_TB1 79983	45.09 0.10 0.00	42.74 0.24 0.00	32.50 0.21 0.00	31.71 0.26 0.00	31.02 0.13 0.00	36.66 0.26 0.00	48.36 0.33 0.00	37.99 0.17 0.00	32.38 -0.29 0.00	9.10 -0.17 0.00	-12.38 0.30 0.00	-7.35 0.11 0.00	10.86 -0.28 0.00	-10.93 0.32 0.00	-5.42 0.21 0.00	10.35 0.05 -11.47	12.15 -0.39 0.00	29.11 -0.75 0.00	33.61 -0.19 -0.04	57.43 0.13 0.00	50.80 0.62 0.00	36.17 0.20 0.00	23.32 -0.08 0.00	6.21 -0.04 0.00
BORALEX_4TH_BRANCH 23824	47.17 2.19 0.00	44.79 2.30 0.00	34.09 1.79 0.00	33.25 1.79 0.00	32.68 1.80 0.00	38.41 2.01 0.00	50.59 2.57 0.00	39.77 1.95 0.00	34.45 1.78 0.00	23.77 0.56 -13.93	67.28 -0.79 -80.74	433.35 -0.48 -441.30	36.45 0.72 -24.58	23.76 -0.74 -35.76	13.75 -0.38 -19.76	25.01 -0.08 -26.26	28.16 0.75 -14.89	41.09 1.80 -9.43	38.80 1.79 -3.26	69.82 3.02 -9.50	52.73 2.54 0.00	37.85 1.88 0.00	32.98 1.44 -8.14	35.28 0.39 -28.63
BOWLINE___1 23526	46.92 1.94 0.00	44.70 2.20 0.00	34.03 1.73 0.00	33.12 1.66 0.00	32.63 1.75 0.00	38.25 1.84 0.00	50.43 2.41 0.00	39.80 1.98 0.00	34.73 2.06 0.00	22.31 0.62 -12.42	58.54 -0.77 -71.98	385.50 -0.47 -393.43	33.73 0.67 -21.92	19.89 -0.73 -31.88	11.60 -0.39 -17.62	22.17 -0.08 -23.41	26.77 0.97 -13.27	40.58 2.31 -8.41	39.04 2.42 -2.87	69.90 4.13 -8.47	53.35 3.16 0.00	38.19 2.22 0.00	32.21 1.55 -7.26	32.19 0.41 -25.53
BOWLINE___2 23595	46.92 1.94 0.00	44.70 2.20 0.00	34.03 1.73 0.00	33.12 1.66 0.00	32.63 1.75 0.00	38.25 1.84 0.00	50.43 2.41 0.00	39.80 1.98 0.00	34.73 2.06 0.00	22.31 0.62 -12.42	58.54 -0.77 -71.99	385.51 -0.47 -393.45	33.73 0.67 -21.92	19.89 -0.73 -31.88	11.60 -0.39 -17.62	22.17 -0.08 -23.42	26.77 0.97 -13.27	40.58 2.31 -8.41	39.04 2.42 -2.87	69.90 4.13 -8.47	53.35 3.16 0.00	38.19 2.22 0.00	32.21 1.55 -7.26	32.19 0.41 -25.53
BRADY___115KV_TB2 356060	45.09 0.11 0.00	42.50 0.00 0.00	32.21 -0.09 0.00	31.32 -0.14 0.00	30.68 -0.20 0.00	36.30 -0.10 0.00	47.80 -0.23 0.00	37.80 -0.02 0.00	32.44 -0.23 0.00	9.17 -0.11 0.00	-12.44 0.24 0.00	-7.37 0.10 0.00	10.89 -0.26 0.00	-10.94 0.31 0.00	-5.47 0.17 0.00	-4.81 0.04 3.68	12.03 -0.50 0.00	28.75 -1.11 0.00	32.59 -1.16 0.00	55.61 -1.69 0.00	49.53 -0.66 0.00	35.47 -0.49 0.00	23.00 -0.40 0.00	6.16 -0.09 0.00
BRANSCOMB___SOLAR 323811	47.14 2.15 0.00	44.69 2.19 0.00	34.02 1.72 0.00	33.17 1.72 0.00	32.61 1.73 0.00	38.36 1.96 0.00	50.58 2.56 0.00	39.73 1.91 0.00	34.36 1.70 0.00	23.86 0.48 -14.10	68.32 -0.70 -81.69	438.65 -0.39 -446.51	36.57 0.55 -24.87	24.32 -0.61 -36.18	14.07 -0.30 -20.00	25.34 -0.06 -26.57	28.19 0.60 -15.06	40.90 1.49 -9.54	38.90 1.84 -3.31	70.28 3.36 -9.61	53.11 2.93 0.00	38.11 2.15 0.00	33.07 1.43 -8.23	35.61 0.38 -28.97
BRDGHMPT_69_KV_BK1 55812	56.35 3.68 -7.69	47.60 3.46 -1.65	42.03 2.19 -7.55	38.43 1.84 -5.13	54.52 1.98 -21.65	54.57 2.10 -16.07	52.42 2.67 -1.72	55.13 2.48 -14.84	39.94 2.45 -4.82	23.69 0.64 -13.78	59.97 -0.56 -73.21	117.00 -0.05 -124.52	46.83 0.60 -35.09	21.05 -0.69 -33.00	25.50 -0.46 -31.59	23.41 -0.09 -24.66	45.98 1.02 -32.43	59.16 2.76 -26.53	71.66 2.93 -34.97	92.26 4.74 -30.21	108.01 4.39 -53.43	82.39 3.88 -42.54	62.05 2.60 -36.05	50.75 0.52 -43.98

BRENTWOD_69_KV_W. BRTWOOD 56703	55.66 2.83 -7.84	47.26 3.08 -1.68	42.41 2.41 -7.70	39.04 2.34 -5.24	55.43 2.45 -22.10	55.40 2.59 -16.40	53.07 3.29 -1.75	55.77 2.81 -15.14	40.42 2.83 -4.92	23.83 0.77 -13.78	59.72 -0.82 -73.21	120.42 -0.34 -128.23	47.35 0.86 -35.34	20.87 -0.89 -33.01	25.75 -0.49 -31.87	23.42 -0.10 -24.68	46.53 1.18 -32.82	59.56 2.79 -26.91	72.19 2.80 -35.63	92.53 4.57 -30.66	108.34 3.62 -54.53	82.04 2.68 -43.39	62.02 1.99 -36.64	51.11 0.54 -44.32
BRISTLHL_115KV_TB1 79998	43.53 -1.45 0.00	41.25 -1.25 0.00	31.31 -0.99 0.00	30.53 -0.92 0.00	29.95 -0.93 0.00	35.36 -1.04 0.00	46.70 -1.32 0.00	36.67 -1.15 0.00	31.54 -1.13 0.00	8.94 -0.34 0.00	-12.22 0.45 0.00	-7.18 0.29 0.00	10.76 -0.39 0.00	-10.86 0.38 0.00	-5.44 0.19 0.00	-1.84 0.04 0.71	12.17 -0.37 0.00	28.99 -0.88 0.00	32.88 -0.95 -0.08	55.75 -1.56 0.00	48.84 -1.35 0.00	35.01 -0.96 0.00	22.72 -0.68 0.00	6.06 -0.20 0.00
BROOKHAVEN___DRP 24191	55.30 2.64 -7.68	46.97 2.83 -1.65	42.06 2.21 -7.55	38.70 2.11 -5.13	54.77 2.24 -21.64	54.81 2.34 -16.07	52.63 2.89 -1.72	55.30 2.64 -14.83	40.16 2.68 -4.82	23.78 0.72 -13.78	59.82 -0.71 -73.21	116.74 -0.23 -124.43	46.99 0.76 -35.08	20.93 -0.81 -33.00	25.50 -0.45 -31.58	23.40 -0.09 -24.66	46.05 1.10 -32.42	59.07 2.68 -26.52	71.55 2.84 -34.96	92.28 4.77 -30.20	107.50 3.91 -53.41	81.44 2.96 -42.52	61.47 2.04 -36.03	50.75 0.52 -43.97
BROOKLYN_NAVY_YARD 23515	47.15 2.16 0.00	44.87 2.38 0.01	34.22 1.93 0.00	33.28 1.82 0.00	32.78 1.90 0.00	38.34 1.94 0.00	50.55 2.52 0.00	40.02 2.19 0.00	35.32 2.46 -0.19	23.78 0.73 -24.90	62.12 -0.93 -75.72	390.29 -0.56 -398.32	34.05 0.72 -22.19	20.23 -0.80 -32.27	11.78 -0.42 -17.84	22.45 -0.08 -23.70	27.04 1.07 -13.43	40.93 2.55 -8.51	39.32 2.66 -2.91	70.36 4.48 -8.58	53.42 3.23 0.00	38.28 2.31 0.00	32.37 1.62 -7.35	32.53 0.43 -25.85
BROOKLYN___ARMY_DRP 323595	47.44 2.46 0.00	45.19 2.69 0.00	34.40 2.11 0.00	33.46 2.01 0.00	32.95 2.07 0.00	38.56 2.15 0.00	50.90 2.88 0.00	40.29 2.47 0.00	35.49 2.67 -0.16	33.70 0.85 -23.58	62.02 -1.03 -75.72	390.23 -0.63 -398.33	34.18 0.84 -22.19	20.16 -0.87 -32.27	11.75 -0.46 -17.84	22.45 -0.09 -23.71	27.15 1.18 -13.44	41.18 2.81 -8.51	39.57 2.92 -2.91	70.78 4.89 -8.58	53.79 3.61 0.00	38.57 2.60 0.00	32.53 1.78 -7.35	32.58 0.48 -25.85
BROOME_2_LFGE 323671	44.23 -0.76 0.00	42.05 -0.45 0.00	31.82 -0.47 0.00	31.12 -0.33 0.00	30.49 -0.39 0.00	36.12 -0.28 0.00	47.70 -0.32 0.00	37.60 -0.58 -0.36	31.87 -0.80 0.00	9.57 -0.27 -0.56	-9.19 0.28 -3.20	9.28 0.28 -16.46	10.06 -0.22 0.86	-10.43 0.28 -0.54	-6.06 0.13 0.56	-1.34 0.02 0.18	11.55 -0.11 0.87	29.97 -0.27 -0.38	35.60 -0.28 -2.13	65.75 -0.25 -8.70	66.35 -0.19 -16.36	38.11 -0.15 -2.30	24.46 -0.18 -1.24	7.30 -0.09 -1.14
BROOME___LFGE 323600	44.23 -0.76 0.00	42.05 -0.45 0.00	31.82 -0.47 0.00	31.12 -0.33 0.00	30.49 -0.39 0.00	36.12 -0.28 0.00	47.70 -0.32 0.00	37.60 -0.58 -0.36	31.87 -0.80 0.00	9.57 -0.27 -0.56	-9.19 0.28 -3.20	9.28 0.28 -16.46	10.06 -0.22 0.86	-10.43 0.28 -0.54	-6.06 0.13 0.56	-1.34 0.02 0.18	11.55 -0.11 0.87	29.97 -0.27 -0.38	35.60 -0.28 -2.13	65.75 -0.25 -8.70	66.35 -0.19 -16.36	38.11 -0.15 -2.30	24.46 -0.18 -1.24	7.30 -0.09 -1.14
BROWNFLS_115KV_TB 3_5 80003	43.49 -1.49 0.00	41.14 -1.36 0.00	31.27 -1.02 0.00	30.46 -1.00 0.00	29.74 -1.14 0.00	35.21 -1.20 0.00	46.37 -1.65 0.00	36.62 -1.21 0.00	31.25 -1.42 0.00	8.78 -0.49 0.00	-11.90 0.77 0.00	-7.10 0.37 0.00	10.41 -0.73 0.00	-10.45 0.79 0.00	-5.19 0.45 0.00	-12.47 0.11 11.41	11.41 -1.12 0.00	27.39 -2.47 0.00	31.51 -2.24 0.00	54.04 -3.26 0.00	48.17 -2.02 0.00	34.29 -1.68 0.00	22.14 -1.26 0.00	5.93 -0.32 0.00
BROWNSV1_27_KV_LOAD 356125	47.54 2.56 0.00	45.27 2.77 0.00	34.46 2.17 0.00	33.52 2.07 0.00	33.02 2.14 0.00	38.64 2.24 0.00	50.97 2.95 0.00	40.33 2.51 0.00	35.56 2.71 -0.19	35.39 0.82 -25.30	62.57 -1.05 -76.29	390.22 -0.64 -398.32	34.16 0.83 -22.19	20.16 -0.86 -32.27	11.75 -0.46 -17.84	22.44 -0.09 -23.70	27.17 1.20 -13.44	41.25 2.87 -8.51	39.63 2.97 -2.91	70.89 5.01 -8.58	53.87 3.68 0.00	38.58 2.62 0.00	32.54 1.80 -7.35	32.57 0.48 -25.85
BURROWS___LYONSDAL 23803	44.70 -0.28 0.00	42.39 -0.10 0.00	32.26 -0.03 0.00	31.49 0.03 0.00	30.76 -0.12 0.00	36.38 -0.03 0.00	47.97 -0.06 0.00	37.70 -0.12 0.00	32.10 -0.57 0.00	9.01 -0.27 0.00	-12.23 0.44 0.00	-7.29 0.17 0.00	10.74 -0.41 0.00	-10.79 0.46 0.00	-5.34 0.29 0.00	-1.10 0.07 0.00	11.93 -0.60 0.00	28.63 -1.23 0.00	33.15 -0.65 -0.04	56.72 -0.58 0.00	50.33 0.14 0.00	35.78 -0.18 0.00	23.03 -0.37 0.00	6.14 -0.12 0.00
CAITHNESS_CC_1 323624	55.22 2.56 -7.68	46.91 2.77 -1.65	42.02 2.18 -7.54	38.68 2.10 -5.13	54.74 2.23 -21.63	54.78 2.32 -16.06	52.60 2.86 -1.72	55.25 2.60 -14.82	40.14 2.65 -4.82	23.78 0.72 -13.78	59.84 -0.69 -73.21	116.71 -0.18 -124.35	46.97 0.75 -35.08	20.91 -0.83 -33.00	25.48 -0.47 -31.58	23.41 -0.09 -24.66	46.04 1.10 -32.41	59.01 2.63 -26.52	71.46 2.77 -34.94	92.15 4.66 -30.19	107.37 3.80 -53.38	81.31 2.85 -42.50	61.41 1.99 -36.02	50.73 0.51 -43.97
CALPINE BETH_PAGE_GT4 24209	57.21 2.72 -9.51	47.50 2.96 -2.04	44.02 2.39 -9.34	40.12 2.31 -6.35	60.09 2.42 -26.79	58.85 2.56 -19.88	53.41 3.26 -2.13	58.93 2.75 -18.36	41.43 2.79 -5.96	23.84 0.78 -13.78	59.67 -0.87 -73.21	158.30 -0.42 -166.18	50.03 0.88 -38.00	21.03 -0.89 -33.17	28.73 -0.49 -34.86	23.62 -0.10 -24.89	50.67 1.21 -36.93	63.54 2.87 -30.81	79.33 3.00 -42.58	97.65 5.02 -35.33	120.20 3.94 -66.08	91.17 2.87 -52.34	68.10 1.94 -42.76	54.59 0.52 -47.82
CALPINE_BETH_PAGE_GT_4 323586	57.21 2.72 -9.51	47.50 2.96 -2.04	44.03 2.39 -9.34	40.13 2.32 -6.35	60.09 2.42 -26.79	58.85 2.56 -19.88	53.41 3.26 -2.13	58.93 2.75 -18.36	41.42 2.79 -5.96	23.84 0.78 -13.78	59.68 -0.85 -73.21	158.33 -0.39 -166.18	50.01 0.86 -38.00	21.00 -0.92 -33.17	28.71 -0.51 -34.86	23.62 -0.10 -24.89	50.68 1.21 -36.93	63.53 2.86 -30.81	79.33 3.00 -42.58	97.66 5.02 -35.33	120.22 3.96 -66.08	91.16 2.86 -52.34	68.12 1.97 -42.76	54.59 0.52 -47.82
CALPINE_BP_GT1 23823	57.21 2.72 -9.51	47.50 2.96 -2.04	44.03 2.39 -9.34	40.13 2.32 -6.35	60.09 2.42 -26.79	58.85 2.56 -19.88	53.41 3.26 -2.13	58.93 2.75 -18.36	41.42 2.79 -5.96	23.84 0.78 -13.78	59.68 -0.85 -73.21	158.33 -0.39 -166.18	50.01 0.86 -38.00	21.00 -0.92 -33.17	28.71 -0.51 -34.86	23.62 -0.10 -24.89	50.68 1.21 -36.93	63.53 2.86 -30.81	79.33 3.00 -42.58	97.66 5.02 -35.33	120.22 3.96 -66.08	91.16 2.86 -52.34	68.12 1.97 -42.76	54.59 0.52 -47.82
CALSPAN___DRP 24200	41.79 -3.19 0.00	40.46 -2.04 0.00	30.30 -1.99 0.00	29.68 -1.77 0.00	28.86 -2.02 0.00	34.53 -1.87 0.00	45.03 -3.00 0.00	35.07 -2.50 0.25	30.48 -2.19 0.00	8.94 -0.59 -0.26	-10.69 0.48 -1.50	1.16 0.43 -8.20	11.18 -0.42 -0.46	-10.29 0.30 -0.67	-5.13 0.14 -0.37	-0.67 0.01 -0.49	9.32 -0.32 2.88	20.67 -1.09 8.11	20.13 -1.69 11.94	34.50 -3.58 19.22	25.09 -3.25 21.84	20.50 -2.15 13.32	16.70 -1.55 5.14	6.26 -0.50 -0.51

CALVERTON___SOLAR 323806	55.42 2.75 -7.68	47.06 2.91 -1.65	42.09 2.25 -7.55	38.70 2.12 -5.13	54.79 2.27 -21.64	54.82 2.35 -16.07	52.64 2.89 -1.72	55.32 2.67 -14.83	40.18 2.69 -4.82	23.78 0.72 -13.78	59.84 -0.69 -73.21	116.82 -0.17 -124.45	46.96 0.74 -35.08	20.91 -0.83 -33.00	25.48 -0.47 -31.59	23.40 -0.09 -24.66	46.06 1.11 -32.42	59.10 2.71 -26.53	71.61 2.89 -34.96	92.37 4.86 -30.20	107.66 4.06 -53.41	81.58 3.09 -42.52	61.58 2.14 -36.04	50.76 0.53 -43.97
CANDIGU_WT_PWR 323617	42.36 -2.62 0.00	40.58 -1.92 0.00	30.43 -1.87 0.00	29.98 -1.48 0.00	29.25 -1.64 0.00	34.88 -1.52 0.00	45.43 -2.59 0.00	34.84 -2.58 0.39	30.22 -2.45 0.00	8.91 -0.69 -0.33	-10.19 0.90 -1.59	-8.51 0.80 1.85	-7.52 -0.77 17.90	-18.41 0.90 8.06	-18.23 0.45 13.04	-12.86 0.07 11.76	-26.58 -0.85 38.26	-34.47 -2.07 62.26	-41.58 -2.49 72.84	-43.83 -3.91 97.23	-43.33 -3.43 90.09	-43.00 -2.29 76.67	-8.35 -1.46 30.28	6.41 -0.50 -0.66
CARR STREET_E_SYR 24060	44.18 -0.80 0.00	41.89 -0.61 0.00	31.77 -0.52 0.00	31.00 -0.46 0.00	30.41 -0.47 0.00	35.92 -0.48 0.00	47.42 -0.60 0.00	37.19 -0.63 0.00	31.97 -0.70 0.00	9.06 -0.21 0.00	-12.42 0.25 0.00	-7.28 0.19 0.00	10.94 -0.21 0.00	-11.03 0.22 0.00	-5.53 0.10 0.00	-1.15 0.02 0.00	12.40 -0.14 0.00	29.50 -0.37 0.00	33.43 -0.41 -0.09	56.64 -0.67 0.00	49.59 -0.60 0.00	35.55 -0.41 0.00	23.08 -0.32 0.00	6.15 -0.11 0.00
CARTHAGE___PAPER 23857	43.56 -1.42 0.00	41.32 -1.18 0.00	31.45 -0.84 0.00	30.70 -0.75 0.00	29.93 -0.95 0.00	35.46 -0.94 0.00	46.74 -1.29 0.00	36.77 -1.05 0.00	31.13 -1.54 0.00	8.69 -0.58 0.00	-11.79 0.89 0.00	-7.06 0.41 0.00	10.33 -0.81 0.00	-10.38 0.88 0.00	-5.12 0.52 0.00	-14.27 0.12 13.22	11.32 -1.21 0.00	27.26 -2.60 0.00	31.77 -2.03 -0.05	54.78 -2.52 0.00	48.97 -1.21 0.00	34.64 -1.33 0.00	22.23 -1.17 0.00	5.94 -0.32 0.00
CASSADAGA_WT_PWR 323784	42.78 -2.20 0.00	41.26 -1.23 0.00	30.70 -1.60 0.00	30.03 -1.43 0.00	29.33 -1.55 0.00	35.11 -1.30 0.00	45.86 -2.16 0.00	35.49 -2.06 0.27	30.81 -1.87 0.00	8.87 -0.68 -0.27	-10.43 0.68 -1.57	1.59 0.51 -8.55	11.31 -0.31 -0.48	-9.94 0.62 -0.69	-4.92 0.34 -0.38	-0.61 0.05 -0.51	9.82 -0.75 1.97	22.32 -1.82 5.72	23.12 -2.10 8.53	38.39 -3.51 15.41	28.17 -3.06 18.96	24.68 -1.78 9.50	18.16 -1.61 3.63	6.19 -0.59 -0.53
CE_DUNWOOD___DRP 24194	47.09 2.11 0.00	44.85 2.35 0.00	34.15 1.86 0.00	33.24 1.78 0.00	32.74 1.86 0.00	38.35 1.94 0.00	50.57 2.55 0.00	39.95 2.13 0.00	34.92 2.25 0.00	22.52 0.68 -12.57	59.30 -0.86 -72.83	390.08 -0.52 -398.07	34.04 0.72 -22.17	20.25 -0.75 -32.25	11.79 -0.40 -17.83	22.44 -0.08 -23.69	26.99 1.03 -13.43	40.83 2.46 -8.51	39.23 2.57 -2.91	70.23 4.35 -8.57	53.46 3.27 0.00	38.29 2.32 0.00	32.34 1.60 -7.34	32.51 0.42 -25.83
CE_MILLWOOD___DRP 24193	47.03 2.05 0.00	44.79 2.29 0.00	34.11 1.81 0.00	33.19 1.74 0.00	32.70 1.82 0.00	38.30 1.90 0.00	50.51 2.49 0.00	39.88 2.06 0.00	34.85 2.18 0.00	22.47 0.65 -12.55	59.23 -0.83 -72.73	389.55 -0.51 -397.52	33.99 0.70 -22.14	20.23 -0.73 -32.21	11.78 -0.39 -17.80	22.41 -0.08 -23.66	26.95 1.00 -13.41	40.76 2.40 -8.49	39.17 2.52 -2.90	70.11 4.25 -8.56	53.40 3.21 0.00	38.25 2.29 0.00	32.30 1.56 -7.33	32.46 0.41 -25.79
CE_NYC2_DRP 24202	47.20 2.22 0.00	45.00 2.49 0.00	34.28 1.98 0.00	33.35 1.90 0.00	32.85 1.97 0.00	38.42 2.01 0.00	50.71 2.68 0.00	40.16 2.34 0.00	35.41 2.58 -0.16	33.65 0.79 -23.58	62.06 -0.98 -75.72	390.26 -0.60 -398.33	34.13 0.80 -22.19	20.20 -0.82 -32.27	11.77 -0.44 -17.84	22.45 -0.09 -23.71	27.11 1.15 -13.44	41.07 2.69 -8.51	39.43 2.77 -2.91	70.47 4.59 -8.58	53.51 3.32 0.00	38.36 2.40 0.00	32.41 1.66 -7.35	32.55 0.45 -25.85
CE_NYC_DRP 24195	47.32 2.34 0.00	45.07 2.57 0.00	34.32 2.03 0.00	33.38 1.93 0.00	32.89 2.02 0.00	38.49 2.09 0.00	50.77 2.74 0.00	40.17 2.35 0.00	35.43 2.56 -0.19	35.72 0.77 -25.68	62.73 -0.99 -76.39	390.25 -0.61 -398.32	34.11 0.77 -22.19	20.22 -0.81 -32.27	11.77 -0.43 -17.84	22.45 -0.08 -23.70	27.10 1.14 -13.44	41.09 2.72 -8.51	39.46 2.80 -2.91	70.58 4.70 -8.58	62.37 3.40 -8.78	38.86 2.42 -0.48	32.66 1.67 -7.58	34.38 0.44 -27.69
CHAFFEE___LFGE 323603	41.73 -3.25 0.00	40.42 -2.08 0.00	30.27 -2.03 0.00	29.66 -1.80 0.00	28.84 -2.04 0.00	34.52 -1.89 0.00	45.00 -3.02 0.00	35.03 -2.53 0.26	30.46 -2.21 0.00	8.94 -0.60 -0.27	-10.67 0.46 -1.54	1.42 0.47 -8.41	11.26 -0.36 -0.47	-10.17 0.39 -0.68	-5.09 0.17 -0.38	-0.66 0.02 -0.50	9.93 -0.32 2.28	22.30 -1.03 6.53	22.43 -1.64 9.68	37.10 -3.53 16.67	27.07 -3.22 19.90	23.05 -2.13 10.79	17.73 -1.53 4.14	6.28 -0.50 -0.52
CHATEAUG_35_KV_LOAD 355732	44.93 -0.06 0.00	42.36 -0.13 0.00	32.14 -0.15 0.00	31.23 -0.22 0.00	30.61 -0.28 0.00	36.22 -0.18 0.00	47.77 -0.25 0.00	37.80 -0.02 0.00	32.60 -0.07 0.00	9.25 -0.03 0.00	-12.56 0.11 0.00	-7.44 0.03 0.00	10.97 -0.18 0.00	-11.06 0.18 0.00	-5.52 0.11 0.00	-3.04 0.03 1.90	12.14 -0.39 0.00	29.07 -0.80 0.00	32.94 -0.81 0.00	55.94 -1.36 0.00	49.40 -0.79 0.00	35.36 -0.61 0.00	22.88 -0.52 0.00	6.11 -0.14 0.00
CHATEAUG_WT_PWR 323614	44.89 -0.09 0.00	42.34 -0.16 0.00	32.13 -0.16 0.00	31.22 -0.23 0.00	30.60 -0.28 0.00	36.20 -0.20 0.00	47.76 -0.27 0.00	37.79 -0.03 0.00	32.61 -0.06 0.00	9.25 -0.02 0.00	-12.58 0.10 0.00	-7.46 0.01 0.00	10.98 -0.16 0.00	-11.07 0.18 0.00	-5.52 0.12 0.00	-2.61 0.03 1.47	12.16 -0.37 0.00	29.11 -0.75 0.00	32.98 -0.77 0.00	56.00 -1.31 0.00	49.36 -0.83 0.00	35.33 -0.64 0.00	22.87 -0.54 0.00	6.11 -0.14 0.00
CHAT_HIGH_FALL_HYD 323578	44.93 -0.06 0.00	42.36 -0.13 0.00	32.14 -0.15 0.00	31.23 -0.22 0.00	30.61 -0.28 0.00	36.22 -0.18 0.00	47.77 -0.25 0.00	37.80 -0.02 0.00	32.60 -0.07 0.00	9.25 -0.03 0.00	-12.56 0.11 0.00	-7.44 0.03 0.00	10.97 -0.18 0.00	-11.06 0.18 0.00	-5.52 0.11 0.00	-3.04 0.03 1.90	12.14 -0.39 0.00	29.07 -0.80 0.00	32.94 -0.81 0.00	55.94 -1.36 0.00	49.40 -0.79 0.00	35.36 -0.61 0.00	22.88 -0.52 0.00	6.11 -0.14 0.00
CHAUTAUQUA___LFGE 323629	42.54 -2.45 0.00	41.06 -1.44 0.00	30.64 -1.65 0.00	30.08 -1.38 0.00	29.31 -1.58 0.00	35.09 -1.32 0.00	45.78 -2.24 0.00	35.43 -2.13 0.26	30.77 -1.91 0.00	8.93 -0.61 -0.27	-10.63 0.50 -1.54	1.44 0.49 -8.41	11.35 -0.26 -0.47	-10.11 0.46 -0.68	-5.03 0.23 -0.38	-0.64 0.03 -0.50	9.58 -0.44 2.52	21.50 -1.19 7.17	21.44 -1.72 10.59	36.21 -3.30 17.80	26.39 -2.91 20.88	22.38 -1.77 11.81	17.49 -1.37 4.54	6.28 -0.50 -0.52
CHERRYST_13_KV_LD 356241	47.44 2.46 0.00	45.19 2.69 0.00	34.40 2.11 0.00	33.47 2.01 0.00	32.97 2.09 0.00	38.59 2.18 0.00	50.89 2.87 0.00	40.27 2.45 0.00	35.51 2.64 -0.19	35.75 0.80 -25.68	62.69 -1.02 -76.39	390.23 -0.63 -398.32	34.14 0.81 -22.19	20.18 -0.84 -32.27	11.76 -0.45 -17.84	22.44 -0.09 -23.70	27.14 1.17 -13.44	41.19 2.82 -8.51	39.56 2.90 -2.91	70.76 4.88 -8.58	62.52 3.55 -8.78	38.97 2.53 -0.48	32.72 1.73 -7.58	34.40 0.46 -27.69

CHESTROR_138KV_BK263 355645	46.78 1.80 0.00	44.54 2.04 0.00	33.91 1.62 0.00	33.00 1.55 0.00	32.51 1.63 0.00	38.11 1.71 0.00	50.24 2.22 0.00	39.63 1.81 0.00	34.54 1.87 0.00	22.03 0.56 -12.20	57.31 -0.70 -70.68	378.43 -0.43 -386.32	33.29 0.63 -21.52	19.40 -0.64 -31.30	11.32 -0.35 -17.30	21.75 -0.07 -22.99	26.45 0.89 -13.03	40.22 2.11 -8.25	38.81 2.25 -2.81	69.46 3.83 -8.32	53.14 2.96 0.00	38.06 2.10 0.00	31.98 1.45 -7.13	31.70 0.38 -25.07
CH_MIDHUDSON___DRP 24192	47.07 2.09 0.00	44.78 2.28 0.00	34.10 1.81 0.00	33.21 1.76 0.00	32.71 1.83 0.00	38.33 1.92 0.00	50.52 2.50 0.00	39.87 2.05 0.00	34.75 2.08 0.00	22.59 0.62 -12.69	60.07 -0.81 -73.56	394.09 -0.48 -402.03	34.25 0.70 -22.40	20.61 -0.71 -32.57	11.99 -0.37 -18.00	22.68 -0.08 -23.93	27.04 0.95 -13.56	40.76 2.30 -8.59	39.19 2.50 -2.94	70.19 4.23 -8.66	53.47 3.28 0.00	38.28 2.31 0.00	32.37 1.56 -7.42	32.75 0.41 -26.09
CH_MISC_IPPS 23765	47.26 2.28 0.00	44.97 2.47 0.00	34.23 1.94 0.00	33.34 1.89 0.00	32.83 1.95 0.00	38.48 2.08 0.00	50.74 2.72 0.00	40.03 2.21 0.00	34.88 2.21 0.00	22.51 0.66 -12.58	59.37 -0.85 -72.89	390.41 -0.51 -398.38	34.07 0.73 -22.19	20.24 -0.78 -32.28	11.80 -0.41 -17.84	22.45 -0.08 -23.71	26.98 1.01 -13.44	40.84 2.46 -8.51	39.35 2.69 -2.91	70.46 4.58 -8.58	53.75 3.57 0.00	38.48 2.52 0.00	32.45 1.70 -7.35	32.55 0.44 -25.85
CH_RES_BVR_FALLS 23983	44.86 -0.12 0.00	42.37 -0.13 0.00	32.18 -0.11 0.00	31.33 -0.12 0.00	30.73 -0.14 0.00	36.28 -0.13 0.00	47.85 -0.17 0.00	37.75 -0.07 0.00	32.60 -0.07 0.00	9.25 -0.03 0.00	-12.61 0.06 0.00	-7.45 0.02 0.00	11.08 -0.07 0.00	-11.17 0.08 0.00	-5.58 0.05 0.00	-1.16 0.01 0.00	12.38 -0.15 0.00	29.55 -0.31 0.00	33.43 -0.32 0.00	56.74 -0.57 0.00	49.84 -0.35 0.00	35.68 -0.29 0.00	23.19 -0.21 0.00	6.20 -0.05 0.00
CH_RES_NIAGARA 23895	40.71 -4.28 0.00	39.52 -2.97 0.00	29.61 -2.68 0.00	28.93 -2.52 0.00	28.12 -2.76 0.00	33.63 -2.77 0.00	43.83 -4.20 0.00	34.31 -3.29 0.22	29.90 -2.78 0.00	8.83 -0.69 -0.24	-10.68 0.58 -1.42	0.74 0.48 -7.73	11.06 -0.51 -0.43	-10.24 0.38 -0.63	-5.12 0.17 -0.35	-0.69 0.02 -0.46	9.95 -0.41 2.16	22.19 -1.48 6.19	22.32 -2.29 9.14	37.11 -5.08 15.11	27.85 -4.80 17.53	22.51 -3.25 10.20	17.22 -2.26 3.92	6.11 -0.62 -0.48
CH_RES_SYRACUSE 23985	44.40 -0.58 0.00	42.09 -0.41 0.00	31.92 -0.37 0.00	31.15 -0.30 0.00	30.57 -0.31 0.00	36.13 -0.27 0.00	47.70 -0.33 0.00	37.37 -0.45 0.00	32.08 -0.59 0.00	9.27 -0.18 -0.18	-11.41 0.22 -1.04	-1.62 0.17 -5.67	11.28 -0.18 -0.32	-10.59 0.20 -0.46	-5.29 0.09 -0.25	-0.82 0.01 -0.34	12.63 -0.09 -0.19	29.75 -0.23 -0.12	33.59 -0.25 -0.10	57.05 -0.38 -0.12	49.88 -0.30 0.00	35.74 -0.23 0.00	23.30 -0.20 -0.10	6.54 -0.08 -0.37
CLINTON_WT_PWR 323605	44.89 -0.09 0.00	42.34 -0.16 0.00	32.13 -0.16 0.00	31.22 -0.23 0.00	30.60 -0.28 0.00	36.20 -0.20 0.00	47.76 -0.27 0.00	37.79 -0.03 0.00	32.61 -0.06 0.00	9.25 -0.02 0.00	-12.58 0.10 0.00	-7.46 0.01 0.00	10.98 -0.16 0.00	-11.07 0.18 0.00	-5.52 0.12 0.00	-2.61 0.03 1.47	12.16 -0.37 0.00	29.11 -0.75 0.00	32.98 -0.77 0.00	56.00 -1.31 0.00	49.36 -0.83 0.00	35.33 -0.64 0.00	22.87 -0.54 0.00	6.11 -0.14 0.00
CLINTON___LFGE 323618	45.37 0.38 0.00	42.89 0.39 0.00	32.54 0.24 0.00	31.62 0.17 0.00	30.97 0.09 0.00	36.63 0.22 0.00	48.25 0.23 0.00	38.20 0.38 0.00	32.91 0.23 0.00	9.33 0.06 0.00	-12.69 -0.02 0.00	-7.54 -0.07 0.00	11.10 -0.05 0.00	-11.18 0.07 0.00	-5.58 0.06 0.00	-2.73 0.02 1.58	12.28 -0.25 0.00	29.47 -0.40 0.00	33.37 -0.38 0.00	56.68 -0.62 0.00	50.05 -0.14 0.00	35.83 -0.13 0.00	23.17 -0.23 0.00	6.19 -0.07 0.00
COBBLENY_34_KV_TB1 80064	41.74 -3.24 0.00	40.41 -2.09 0.00	30.27 -2.03 0.00	29.66 -1.80 0.00	28.84 -2.04 0.00	34.51 -1.89 0.00	44.99 -3.03 0.00	35.04 -2.52 0.26	30.45 -2.22 0.00	8.95 -0.60 -0.27	-10.64 0.49 -1.54	1.39 0.44 -8.41	11.19 -0.42 -0.47	-10.26 0.31 -0.68	-5.12 0.14 -0.38	-0.66 0.01 -0.50	9.93 -0.32 2.28	22.27 -1.07 6.53	22.42 -1.66 9.68	37.10 -3.53 16.67	27.09 -3.20 19.90	23.04 -2.13 10.79	17.72 -1.54 4.14	6.27 -0.51 -0.52
COFFEEN___115KV_TB3 355620	43.72 -1.26 0.00	41.45 -1.05 0.00	31.53 -0.76 0.00	30.79 -0.66 0.00	30.06 -0.83 0.00	35.64 -0.76 0.00	47.00 -1.03 0.00	36.86 -0.96 0.00	31.00 -1.68 0.00	8.63 -0.65 0.00	-11.71 0.96 0.00	-6.94 0.53 0.00	10.27 -0.88 0.00	-10.32 0.93 0.00	-5.09 0.54 0.00	-11.81 0.12 10.76	11.31 -1.22 0.00	27.21 -2.65 0.00	31.92 -1.89 -0.06	55.42 -1.89 0.00	49.55 -0.63 0.00	34.93 -1.04 0.00	22.38 -1.02 0.00	5.96 -0.29 0.00
COLDSPRG_115KV_BK1 355956	43.07 -1.91 0.00	41.64 -0.86 0.00	31.11 -1.19 0.00	30.57 -0.89 0.00	29.83 -1.05 0.00	35.68 -0.72 0.00	46.59 -1.43 0.00	36.01 -1.53 0.29	31.24 -1.43 0.00	9.08 -0.48 -0.28	-10.72 0.35 -1.61	1.63 0.31 -8.78	11.42 -0.22 -0.49	-10.31 0.22 -0.71	-5.12 0.12 -0.39	-0.64 0.01 -0.52	11.89 -0.25 0.39	26.25 -0.67 2.94	27.58 -1.05 5.12	43.90 -1.92 11.48	32.55 -1.71 15.93	29.08 -1.02 5.86	20.31 -0.92 2.17	6.41 -0.39 -0.55
COLONIE_LFGE___ 323577	46.57 1.59 0.00	44.20 1.70 0.00	33.63 1.34 0.00	32.77 1.32 0.00	32.22 1.34 0.00	37.88 1.47 0.00	49.92 1.89 0.00	39.28 1.46 0.00	34.03 1.36 0.00	23.70 0.41 -14.01	67.97 -0.58 -81.22	436.09 -0.34 -443.90	36.38 0.51 -24.73	24.18 -0.54 -35.97	13.97 -0.27 -19.88	25.19 -0.06 -26.41	28.05 0.55 -14.97	40.68 1.33 -9.49	38.53 1.50 -3.28	69.47 2.61 -9.56	52.37 2.18 0.00	37.56 1.59 0.00	32.72 1.13 -8.19	35.37 0.31 -28.80
COOPERNY_115KV_TB1 80082	46.66 1.67 0.00	44.41 1.92 0.00	33.81 1.51 0.00	32.90 1.45 0.00	32.41 1.53 0.00	38.00 1.60 0.00	50.11 2.09 0.00	39.54 1.72 0.00	34.44 1.77 0.00	20.45 0.52 -10.65	48.39 -0.66 -61.73	329.51 -0.42 -337.38	30.54 0.60 -18.79	15.46 -0.62 -27.33	9.14 -0.33 -15.11	18.84 -0.07 -20.08	24.73 0.82 -11.38	39.03 1.96 -7.21	38.32 2.09 -2.48	68.16 3.59 -7.26	52.95 2.76 0.00	37.92 1.96 0.00	30.98 1.36 -6.22	28.51 0.36 -21.89
COPENHAGEN_WT_PWR 323753	43.22 -1.76 0.00	41.05 -1.45 0.00	31.25 -1.04 0.00	30.53 -0.93 0.00	29.76 -1.12 0.00	35.32 -1.09 0.00	46.59 -1.43 0.00	36.62 -1.20 0.00	30.92 -1.75 0.00	8.62 -0.66 0.00	-11.67 1.00 0.00	-6.94 0.53 0.00	10.25 -0.90 0.00	-10.30 0.95 0.00	-5.07 0.56 0.00	-11.14 0.13 10.10	11.24 -1.29 0.00	27.09 -2.77 0.00	31.62 -2.19 -0.06	54.58 -2.72 0.00	48.89 -1.30 0.00	34.48 -1.49 0.00	22.03 -1.37 0.00	5.88 -0.37 0.00
CORNELL_____ 23752	44.99 0.01 0.00	42.71 0.22 0.00	32.32 0.02 0.00	31.58 0.12 0.00	30.97 0.08 0.00	36.70 0.29 0.00	48.42 0.39 0.00	37.71 -0.04 0.07	32.14 -0.54 0.00	9.54 -0.22 -0.48	-9.65 0.25 -2.77	7.91 0.24 -15.13	11.74 -0.25 -0.84	-9.78 0.25 -1.23	-4.85 0.11 -0.68	-0.25 0.02 -0.90	14.25 -0.03 -1.75	33.42 -0.03 -3.59	38.73 0.13 -4.85	66.13 0.59 -8.24	53.55 0.68 -2.68	41.71 0.43 -5.32	25.96 0.17 -2.39	7.24 0.01 -0.98

CORONA V_69_KV_TB1 355595	63.56 2.72 -15.86	48.88 2.98 -3.40	50.20 2.33 -15.58	44.30 2.25 -10.60	77.90 2.34 -44.69	72.06 2.48 -33.17	54.76 3.19 -3.55	71.11 2.67 -30.62	45.33 2.73 -9.93	23.84 0.78 -13.78	59.64 -0.89 -73.21	203.30 -0.45 -211.21	60.17 0.87 -48.15	21.62 -0.90 -33.77	40.09 -0.49 -46.22	24.42 -0.10 -25.68	66.37 1.21 -52.63	78.42 2.85 -45.71	105.80 2.96 -69.09	115.47 4.94 -53.22	164.24 3.78 -110.28	125.18 2.75 -86.46	91.84 1.85 -66.58	68.30 0.49 -61.56
CORTLAND_115KV_TB3 80093	44.78 -0.20 0.00	42.48 -0.02 0.00	32.19 -0.10 0.00	31.44 -0.02 0.00	30.82 -0.06 0.00	36.47 0.07 0.00	48.15 0.12 0.00	37.67 -0.19 -0.04	32.17 -0.50 0.00	9.42 -0.18 -0.32	-10.60 0.21 -1.86	2.90 0.19 -10.17	11.53 -0.19 -0.57	-10.24 0.19 -0.82	-5.09 0.09 -0.46	-0.55 0.01 -0.60	13.30 -0.05 -0.82	31.23 -0.10 -1.47	35.69 -0.01 -1.96	61.59 0.25 -4.03	54.10 0.34 -3.58	38.19 0.19 -2.03	24.44 0.04 -1.00	6.89 -0.02 -0.66
COXSACKIE__GT 23611	47.63 2.64 0.00	45.12 2.63 0.00	34.41 2.12 0.00	33.50 2.05 0.00	32.97 2.09 0.00	38.81 2.41 0.00	51.16 3.14 0.00	40.23 2.41 0.00	34.89 2.22 0.00	23.42 0.61 -13.53	65.06 -0.68 -78.41	420.95 -0.15 -428.56	35.40 0.38 -23.87	22.77 -0.70 -34.72	13.24 -0.32 -19.19	24.27 -0.06 -25.50	27.65 0.66 -14.45	40.70 1.68 -9.16	39.16 2.25 -3.16	70.95 4.42 -9.23	54.12 3.93 0.00	38.76 2.80 0.00	33.11 1.80 -7.90	34.56 0.49 -27.81
CPV_VALLEY__CC1 323721	46.50 1.52 0.00	44.28 1.79 0.00	33.72 1.43 0.00	32.81 1.36 0.00	32.32 1.44 0.00	37.89 1.49 0.00	49.93 1.91 0.00	39.42 1.59 0.00	34.34 1.67 0.00	21.63 0.50 -11.85	55.40 -0.62 -68.69	367.61 -0.37 -375.45	32.62 0.56 -20.91	18.55 -0.61 -30.42	10.85 -0.33 -16.81	21.11 -0.06 -22.34	26.01 0.82 -12.66	39.79 1.91 -8.02	38.50 2.02 -2.73	68.81 3.42 -8.08	52.78 2.59 0.00	37.81 1.84 0.00	31.62 1.29 -6.92	30.96 0.34 -24.36
CPV_VALLEY__CC2 323722	46.50 1.52 0.00	44.28 1.79 0.00	33.72 1.43 0.00	32.81 1.36 0.00	32.32 1.44 0.00	37.89 1.49 0.00	49.93 1.91 0.00	39.42 1.59 0.00	34.34 1.67 0.00	21.63 0.50 -11.85	55.40 -0.62 -68.69	367.61 -0.37 -375.45	32.62 0.56 -20.91	18.55 -0.61 -30.42	10.85 -0.33 -16.81	21.11 -0.06 -22.34	26.01 0.82 -12.66	39.79 1.91 -8.02	38.50 2.02 -2.73	68.81 3.42 -8.08	52.78 2.59 0.00	37.81 1.84 0.00	31.62 1.29 -6.92	30.96 0.34 -24.36
CRESCENT__HYD 24018	46.57 1.59 0.00	44.20 1.70 0.00	33.63 1.34 0.00	32.77 1.32 0.00	32.22 1.34 0.00	37.88 1.47 0.00	49.92 1.89 0.00	39.28 1.46 0.00	34.03 1.36 0.00	23.70 0.41 -14.01	67.97 -0.58 -81.22	436.09 -0.34 -443.90	36.38 0.51 -24.73	24.18 -0.54 -35.97	13.97 -0.27 -19.88	25.19 -0.06 -26.41	28.05 0.55 -14.97	40.68 1.33 -9.49	38.53 1.50 -3.28	69.47 2.61 -9.56	52.37 2.18 0.00	37.56 1.59 0.00	32.72 1.13 -8.19	35.37 0.31 -28.80
CRICKET__VALLEY_CC1 323756	46.79 1.81 0.00	44.48 1.98 0.00	33.93 1.64 0.00	33.07 1.61 0.00	32.57 1.68 0.00	38.08 1.68 0.00	50.21 2.18 0.00	39.64 1.82 0.00	34.54 1.87 0.00	22.69 0.56 -12.85	61.08 -0.70 -74.45	399.06 -0.40 -406.93	34.43 0.61 -22.67	21.05 -0.66 -32.97	12.23 -0.35 -18.22	22.98 -0.07 -24.22	27.16 0.90 -13.73	40.70 2.14 -8.70	39.04 2.31 -2.97	69.96 3.89 -8.76	53.13 2.95 0.00	38.03 2.06 0.00	32.30 1.39 -7.50	33.02 0.37 -26.40
CRICKET__VALLEY_CC2 323757	46.79 1.81 0.00	44.48 1.98 0.00	33.93 1.64 0.00	33.07 1.61 0.00	32.57 1.68 0.00	38.08 1.68 0.00	50.21 2.18 0.00	39.64 1.82 0.00	34.54 1.87 0.00	22.69 0.56 -12.85	61.08 -0.70 -74.45	399.06 -0.40 -406.93	34.43 0.61 -22.67	21.05 -0.66 -32.97	12.23 -0.35 -18.22	22.98 -0.07 -24.22	27.16 0.90 -13.73	40.70 2.14 -8.70	39.04 2.31 -2.97	69.96 3.89 -8.76	53.13 2.95 0.00	38.03 2.06 0.00	32.30 1.39 -7.50	33.02 0.37 -26.40
CRICKET__VALLEY_CC3 323758	46.79 1.81 0.00	44.48 1.98 0.00	33.93 1.64 0.00	33.07 1.61 0.00	32.57 1.68 0.00	38.08 1.68 0.00	50.21 2.18 0.00	39.64 1.82 0.00	34.54 1.87 0.00	22.69 0.56 -12.85	61.08 -0.70 -74.45	399.06 -0.40 -406.93	34.43 0.61 -22.67	21.05 -0.66 -32.97	12.23 -0.35 -18.22	22.98 -0.07 -24.22	27.16 0.90 -13.73	40.70 2.14 -8.70	39.04 2.31 -2.97	69.96 3.89 -8.76	53.13 2.95 0.00	38.03 2.06 0.00	32.30 1.39 -7.50	33.02 0.37 -26.40
CRUCIBLE_METL_DRP 24180	44.40 -0.58 0.00	42.09 -0.41 0.00	31.92 -0.37 0.00	31.15 -0.30 0.00	30.57 -0.31 0.00	36.13 -0.27 0.00	47.70 -0.33 0.00	37.37 -0.45 0.00	32.08 -0.59 0.00	9.27 -0.18 -0.18	-11.41 0.22 -1.04	-1.62 0.17 -5.67	11.27 -0.19 -0.32	-10.60 0.19 -0.46	-5.29 0.09 -0.25	-0.82 0.02 -0.34	12.63 -0.09 -0.19	29.75 -0.24 -0.12	33.60 -0.25 -0.10	57.05 -0.37 -0.12	49.89 -0.30 0.00	35.74 -0.22 0.00	23.30 -0.20 -0.10	6.55 -0.08 -0.37
DAHOWA__HYDRO 323763	47.32 2.33 0.00	44.84 2.34 0.00	34.13 1.84 0.00	33.30 1.84 0.00	32.73 1.85 0.00	38.53 2.12 0.00	50.79 2.76 0.00	39.88 2.06 0.00	34.49 1.82 0.00	23.91 0.52 -14.11	68.34 -0.75 -81.77	439.05 -0.42 -446.93	36.64 0.59 -24.90	24.31 -0.65 -36.21	14.07 -0.31 -20.01	25.36 -0.06 -26.60	28.24 0.63 -15.07	41.02 1.60 -9.55	39.05 1.98 -3.32	70.54 3.61 -9.62	53.37 3.18 0.00	38.30 2.34 0.00	33.17 1.53 -8.24	35.66 0.41 -29.00
DANC__LFGE 323619	43.48 -1.50 0.00	41.25 -1.25 0.00	31.37 -0.93 0.00	30.61 -0.84 0.00	29.92 -0.96 0.00	35.41 -0.99 0.00	46.71 -1.32 0.00	36.70 -1.12 0.00	31.21 -1.46 0.00	8.76 -0.52 0.00	-11.95 0.73 0.00	-7.07 0.40 0.00	10.50 -0.64 0.00	-10.57 0.68 0.00	-5.25 0.39 0.00	-7.59 0.08 6.50	11.68 -0.85 0.00	27.99 -1.87 0.00	32.26 -1.56 -0.06	55.21 -2.10 0.00	49.04 -1.14 0.00	34.78 -1.18 0.00	22.39 -1.01 0.00	5.98 -0.28 0.00
DANSKAMMER__1 23586	47.26 2.28 0.00	44.97 2.47 0.00	34.23 1.94 0.00	33.34 1.89 0.00	32.83 1.95 0.00	38.48 2.08 0.00	50.74 2.72 0.00	40.03 2.21 0.00	34.88 2.21 0.00	22.51 0.66 -12.58	59.37 -0.85 -72.89	390.41 -0.51 -398.38	34.07 0.73 -22.19	20.24 -0.78 -32.28	11.80 -0.41 -17.84	22.45 -0.08 -23.71	26.98 1.01 -13.44	40.84 2.46 -8.51	39.35 2.69 -2.91	70.46 4.58 -8.58	53.75 3.57 0.00	38.48 2.52 0.00	32.45 1.70 -7.35	32.55 0.44 -25.85
DANSKAMMER__2 23589	47.26 2.28 0.00	44.97 2.47 0.00	34.23 1.94 0.00	33.34 1.89 0.00	32.83 1.95 0.00	38.48 2.08 0.00	50.74 2.72 0.00	40.03 2.21 0.00	34.88 2.21 0.00	22.51 0.66 -12.58	59.37 -0.85 -72.89	390.41 -0.51 -398.38	34.07 0.73 -22.19	20.24 -0.78 -32.28	11.80 -0.41 -17.84	22.45 -0.08 -23.71	26.98 1.01 -13.44	40.84 2.46 -8.51	39.35 2.69 -2.91	70.46 4.58 -8.58	53.75 3.57 0.00	38.48 2.52 0.00	32.45 1.70 -7.35	32.55 0.44 -25.85
DANSKAMMER__3 23590	47.26 2.28 0.00	44.97 2.47 0.00	34.23 1.94 0.00	33.34 1.89 0.00	32.83 1.95 0.00	38.48 2.08 0.00	50.74 2.72 0.00	40.03 2.21 0.00	34.88 2.21 0.00	22.51 0.66 -12.58	59.37 -0.85 -72.89	390.41 -0.51 -398.38	34.07 0.73 -22.19	20.24 -0.78 -32.28	11.80 -0.41 -17.84	22.45 -0.08 -23.71	26.98 1.01 -13.44	40.84 2.46 -8.51	39.35 2.69 -2.91	70.46 4.58 -8.58	53.75 3.57 0.00	38.48 2.52 0.00	32.45 1.70 -7.35	32.55 0.44 -25.85

DANSKAMMER___4 23591	47.26 2.28 0.00	44.97 2.47 0.00	34.23 1.94 0.00	33.34 1.89 0.00	32.83 1.95 0.00	38.48 2.08 0.00	50.74 2.72 0.00	40.03 2.21 0.00	34.88 2.21 0.00	22.51 0.66 -12.58	59.37 -0.85 -72.89	390.41 -0.51 -398.38	34.07 0.73 -22.19	20.24 -0.78 -32.28	11.80 -0.41 -17.84	22.45 -0.08 -23.71	26.98 1.01 -13.44	40.84 2.46 -8.51	39.35 2.69 -2.91	70.46 4.58 -8.58	53.75 3.57 0.00	38.48 2.52 0.00	32.45 1.70 -7.35	32.55 0.44 -25.85
DANSKAMMER___DIESEL 23592	47.26 2.28 0.00	44.97 2.47 0.00	34.23 1.94 0.00	33.34 1.89 0.00	32.83 1.95 0.00	38.48 2.08 0.00	50.75 2.72 0.00	40.03 2.21 0.00	34.88 2.22 0.00	22.51 0.66 -12.58	59.36 -0.86 -72.89	390.40 -0.51 -398.38	34.09 0.75 -22.19	20.26 -0.76 -32.28	11.81 -0.40 -17.84	22.46 -0.08 -23.71	26.98 1.01 -13.44	40.85 2.47 -8.51	39.35 2.69 -2.91	70.46 4.58 -8.58	53.76 3.57 0.00	38.49 2.52 0.00	32.44 1.69 -7.35	32.55 0.44 -25.85
DARBY___SOLAR 323810	47.17 2.18 0.00	44.71 2.21 0.00	34.04 1.75 0.00	33.20 1.75 0.00	32.64 1.76 0.00	38.40 2.00 0.00	50.62 2.60 0.00	39.77 1.95 0.00	34.40 1.73 0.00	23.86 0.49 -14.10	68.31 -0.71 -81.70	438.66 -0.40 -446.53	36.58 0.56 -24.87	24.31 -0.62 -36.18	14.06 -0.30 -20.00	25.34 -0.06 -26.57	28.20 0.61 -15.06	40.94 1.54 -9.54	38.95 1.89 -3.31	70.32 3.40 -9.61	53.15 2.96 0.00	38.14 2.17 0.00	33.07 1.44 -8.23	35.61 0.39 -28.97
DASHVILLE___HYD 23610	47.01 2.03 0.00	44.71 2.21 0.00	34.02 1.72 0.00	33.13 1.68 0.00	32.63 1.75 0.00	38.25 1.84 0.00	50.42 2.39 0.00	39.80 1.98 0.00	34.68 2.01 0.00	22.53 0.60 -12.66	59.90 -0.77 -73.35	392.92 -0.48 -400.87	34.18 0.70 -22.33	20.52 -0.70 -32.48	11.95 -0.37 -17.95	22.61 -0.08 -23.86	26.99 0.94 -13.52	40.65 2.23 -8.57	39.12 2.43 -2.94	70.06 4.13 -8.63	53.38 3.20 0.00	38.22 2.25 0.00	32.32 1.53 -7.39	32.66 0.40 -26.01
DELAWARE___LFGE 323621	46.37 1.39 0.00	44.02 1.52 0.00	33.47 1.17 0.00	32.59 1.14 0.00	32.05 1.17 0.00	37.81 1.41 0.00	50.98 2.95 0.00	39.93 1.90 -0.21	33.76 1.09 0.00	10.33 0.19 -0.87	-8.17 -0.50 -5.00	19.14 -0.09 -26.69	11.75 0.21 -0.39	-9.82 -0.25 -1.68	-5.33 -0.09 -0.40	-0.31 -0.01 -0.87	13.09 0.44 -0.12	31.94 1.24 -0.84	37.64 1.90 -1.99	67.51 4.08 -6.13	63.74 3.64 -9.92	40.21 2.41 -1.83	26.02 1.38 -1.23	8.34 0.31 -1.78
DERFIELD_115KV_TB7 355931	45.11 0.12 0.00	42.70 0.20 0.00	32.46 0.16 0.00	31.61 0.16 0.00	31.03 0.15 0.00	36.57 0.17 0.00	48.26 0.23 0.00	37.99 0.17 0.00	32.83 0.16 0.00	9.32 0.04 0.00	-12.74 -0.06 0.00	-7.50 -0.04 0.00	11.21 0.06 0.00	-11.31 -0.06 0.00	-5.66 -0.03 0.00	0.07 -0.01 -1.25	12.60 0.07 0.00	30.04 0.18 0.00	33.97 0.22 0.00	57.71 0.40 0.00	50.50 0.31 0.00	36.19 0.23 0.00	23.56 0.16 0.00	6.29 0.04 0.00
DOGLEVILLE___HYD 23807	46.28 1.29 0.00	44.03 1.53 0.00	33.60 1.30 0.00	32.79 1.34 0.00	32.27 1.39 0.00	37.92 1.52 0.00	49.89 1.86 0.00	39.16 1.34 0.00	33.43 0.76 0.00	9.35 0.08 0.00	-12.98 -0.31 0.00	-7.65 -0.19 0.00	11.29 0.14 0.00	-11.38 -0.13 0.00	-5.56 0.07 0.00	0.10 0.02 -1.25	12.21 -0.33 0.00	29.74 -0.12 0.00	34.65 0.90 0.00	60.24 2.93 0.00	52.41 2.22 0.00	37.90 1.93 0.00	24.79 1.39 0.00	6.64 0.39 0.00
DUNKIRK__115KV_TB_200 55889	42.50 -2.48 0.00	41.02 -1.48 0.00	30.63 -1.67 0.00	30.08 -1.37 0.00	29.30 -1.58 0.00	35.08 -1.32 0.00	45.77 -2.25 0.00	35.44 -2.12 0.26	30.77 -1.91 0.00	8.95 -0.59 -0.26	-10.65 0.48 -1.54	1.37 0.44 -8.40	11.29 -0.32 -0.47	-10.24 0.33 -0.68	-5.08 0.18 -0.38	-0.65 0.02 -0.50	9.56 -0.39 2.57	21.44 -1.12 7.31	21.31 -1.65 10.79	36.09 -3.19 18.03	26.30 -2.82 21.07	22.19 -1.75 12.03	17.42 -1.35 4.63	6.29 -0.49 -0.52
DUNKIRK___1 23563	42.50 -2.48 0.00	41.02 -1.48 0.00	30.63 -1.67 0.00	30.08 -1.37 0.00	29.30 -1.58 0.00	35.08 -1.32 0.00	45.77 -2.25 0.00	35.44 -2.12 0.26	30.77 -1.91 0.00	8.95 -0.59 -0.26	-10.65 0.48 -1.54	1.37 0.44 -8.40	11.29 -0.32 -0.47	-10.24 0.33 -0.68	-5.08 0.18 -0.38	-0.65 0.02 -0.50	9.56 -0.39 2.57	21.44 -1.12 7.31	21.31 -1.65 10.79	36.09 -3.19 18.03	26.30 -2.82 21.07	22.19 -1.75 12.03	17.42 -1.35 4.63	6.29 -0.49 -0.52
DUNKIRK___2 23564	42.50 -2.48 0.00	41.02 -1.48 0.00	30.63 -1.67 0.00	30.08 -1.37 0.00	29.30 -1.58 0.00	35.08 -1.32 0.00	45.77 -2.25 0.00	35.44 -2.12 0.26	30.77 -1.91 0.00	8.95 -0.59 -0.26	-10.65 0.48 -1.54	1.37 0.44 -8.40	11.29 -0.32 -0.47	-10.24 0.33 -0.68	-5.08 0.18 -0.38	-0.65 0.02 -0.50	9.56 -0.39 2.57	21.44 -1.12 7.31	21.31 -1.65 10.79	36.09 -3.19 18.03	26.30 -2.82 21.07	22.19 -1.75 12.03	17.42 -1.35 4.63	6.29 -0.49 -0.52
DUNKIRK___3 23565	42.24 -2.75 0.00	40.80 -1.70 0.00	30.50 -1.79 0.00	29.95 -1.50 0.00	29.17 -1.72 0.00	34.91 -1.50 0.00	45.54 -2.48 0.00	35.30 -2.26 0.26	30.66 -2.01 0.00	8.95 -0.59 -0.26	-10.67 0.48 -1.53	1.34 0.44 -8.36	11.26 -0.35 -0.47	-10.25 0.32 -0.68	-5.10 0.16 -0.38	-0.66 0.02 -0.50	9.36 -0.36 2.82	20.85 -1.08 7.94	20.41 -1.64 11.70	34.92 -3.26 19.12	25.27 -2.92 21.99	21.07 -1.85 13.04	16.98 -1.39 5.04	6.29 -0.49 -0.52
DUNKIRK___4 23566	42.24 -2.75 0.00	40.80 -1.70 0.00	30.50 -1.79 0.00	29.95 -1.50 0.00	29.17 -1.72 0.00	34.91 -1.50 0.00	45.54 -2.48 0.00	35.30 -2.26 0.26	30.66 -2.01 0.00	8.95 -0.59 -0.26	-10.67 0.48 -1.53	1.34 0.44 -8.36	11.26 -0.35 -0.47	-10.25 0.32 -0.68	-5.10 0.16 -0.38	-0.66 0.02 -0.50	9.36 -0.36 2.82	20.85 -1.08 7.94	20.41 -1.64 11.70	34.92 -3.26 19.12	25.27 -2.92 21.99	21.07 -1.85 13.04	16.98 -1.39 5.04	6.29 -0.49 -0.52
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	47.14 2.16 0.00	44.89 2.39 0.00	34.18 1.89 0.00	33.28 1.82 0.00	32.77 1.89 0.00	38.38 1.98 0.00	50.60 2.57 0.00	39.99 2.17 0.00	34.99 2.31 -0.01	23.07 0.69 -13.10	59.46 -0.89 -73.02	390.31 -0.54 -398.32	34.08 0.75 -22.19	20.25 -0.77 -32.27	11.79 -0.41 -17.84	22.45 -0.08 -23.70	27.03 1.06 -13.44	40.91 2.54 -8.51	39.30 2.64 -2.91	70.32 4.44 -8.58	53.49 3.31 0.00	38.33 2.36 0.00	32.37 1.62 -7.35	32.53 0.43 -25.85
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	47.01 2.03 0.00	44.75 2.25 0.00	34.07 1.77 0.00	33.16 1.70 0.00	32.66 1.78 0.00	38.29 1.88 0.00	50.47 2.45 0.00	39.82 2.00 0.00	34.70 2.03 0.00	22.27 0.60 -12.39	58.37 -0.77 -71.81	384.54 -0.47 -392.47	33.69 0.68 -21.86	19.85 -0.70 -31.80	11.57 -0.37 -17.58	22.11 -0.08 -23.35	26.71 0.94 -13.24	40.52 2.27 -8.39	39.08 2.47 -2.86	69.96 4.20 -8.45	53.45 3.27 0.00	38.28 2.31 0.00	32.21 1.57 -7.24	32.13 0.41 -25.47
E179THST_138_KV_TB4_REV_LBMP_J 345001	47.30 2.32 0.00	45.05 2.55 0.00	34.32 2.03 0.00	33.37 1.92 0.00	32.87 1.99 0.00	38.45 2.04 0.00	50.80 2.78 0.00	40.26 2.44 0.00	35.40 2.57 -0.16	33.65 0.79 -23.58	62.09 -0.96 -75.72	390.27 -0.59 -398.33	34.12 0.78 -22.19	20.24 -0.78 -32.27	11.79 -0.42 -17.84	22.45 -0.08 -23.71	27.07 1.10 -13.44	41.00 2.63 -8.51	39.44 2.78 -2.91	70.53 4.65 -8.58	53.51 3.33 0.00	38.41 2.44 0.00	32.41 1.66 -7.35	32.55 0.45 -25.85

E179THST_13_KV_LOAD 356214	47.47 2.48 0.00	45.21 2.71 0.00	34.44 2.15 0.00	33.48 2.03 0.00	32.97 2.09 0.00	38.58 2.17 0.00	50.96 2.93 0.00	40.40 2.58 0.00	35.52 2.69 -0.16	33.68 0.83 -23.58	62.04 -1.01 -75.72	390.24 -0.62 -398.33	34.16 0.83 -22.19	20.19 -0.83 -32.27	11.76 -0.44 -17.84	22.45 -0.08 -23.71	27.13 1.16 -13.44	41.13 2.76 -8.51	39.59 2.93 -2.91	70.77 4.89 -8.58	53.73 3.55 0.00	38.56 2.60 0.00	32.51 1.76 -7.35	32.57 0.47 -25.85
EAST HAMPTON___GT 23717	56.60 3.93 -7.69	47.62 3.48 -1.65	41.77 1.92 -7.55	38.01 1.42 -5.13	54.12 1.58 -21.65	54.11 1.64 -16.07	51.90 2.16 -1.72	54.70 2.04 -14.84	39.55 2.05 -4.82	23.58 0.52 -13.78	60.16 -0.37 -73.21	117.19 0.14 -124.52	46.63 0.40 -35.09	21.18 -0.57 -33.00	25.52 -0.44 -31.59	23.42 -0.08 -24.66	45.84 0.88 -32.43	58.94 2.54 -26.53	71.38 2.66 -34.97	91.64 4.12 -30.21	107.78 4.16 -53.44	82.56 4.05 -42.54	62.19 2.74 -36.05	50.69 0.46 -43.98
EAST RIVER___6 23660	47.41 2.42 0.00	45.14 2.65 0.00	34.37 2.07 0.00	33.44 1.98 0.00	32.94 2.06 0.00	38.56 2.15 0.00	50.85 2.83 0.00	40.25 2.43 0.00	35.49 2.63 -0.19	35.75 0.79 -25.68	62.70 -1.01 -76.39	390.24 -0.61 -398.32	34.12 0.78 -22.19	20.16 -0.86 -32.27	11.75 -0.46 -17.84	22.44 -0.09 -23.70	27.14 1.17 -13.44	41.17 2.79 -8.51	39.56 2.90 -2.91	70.75 4.87 -8.58	62.51 3.55 -8.78	38.94 2.50 -0.48	32.71 1.73 -7.58	34.39 0.45 -27.69
EAST RIVER___7 23524	47.41 2.42 0.00	45.14 2.65 0.00	34.37 2.07 0.00	33.44 1.98 0.00	32.94 2.06 0.00	38.56 2.15 0.00	50.85 2.83 0.00	40.25 2.43 0.00	35.49 2.63 -0.19	35.75 0.79 -25.68	62.70 -1.01 -76.39	390.24 -0.61 -398.32	34.12 0.78 -22.19	20.16 -0.86 -32.27	11.75 -0.46 -17.84	22.44 -0.09 -23.70	27.14 1.17 -13.44	41.17 2.79 -8.51	39.56 2.90 -2.91	70.75 4.87 -8.58	62.51 3.55 -8.78	38.94 2.50 -0.48	32.71 1.73 -7.58	34.39 0.45 -27.69
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	47.09 2.11 0.00	44.85 2.35 0.00	34.15 1.86 0.00	33.24 1.78 0.00	32.74 1.86 0.00	38.35 1.94 0.00	50.57 2.55 0.00	39.95 2.13 0.00	34.92 2.25 0.00	22.52 0.68 -12.57	59.30 -0.86 -72.83	390.08 -0.52 -398.07	34.04 0.72 -22.17	20.25 -0.75 -32.25	11.79 -0.40 -17.83	22.44 -0.08 -23.69	26.99 1.03 -13.43	40.83 2.46 -8.51	39.23 2.57 -2.91	70.23 4.35 -8.57	53.46 3.27 0.00	38.29 2.32 0.00	32.34 1.60 -7.34	32.51 0.42 -25.83
EAST_HAMPTON___DIESEL 23722	56.61 3.94 -7.69	47.62 3.47 -1.65	41.72 1.88 -7.55	37.95 1.36 -5.13	54.06 1.52 -21.65	54.05 1.58 -16.07	51.83 2.09 -1.72	54.64 1.98 -14.84	39.49 2.00 -4.82	23.56 0.50 -13.78	60.19 -0.34 -73.21	117.21 0.16 -124.52	46.61 0.38 -35.09	21.20 -0.55 -33.00	25.53 -0.43 -31.59	23.42 -0.08 -24.66	45.82 0.86 -32.43	58.89 2.49 -26.53	71.33 2.61 -34.97	91.54 4.02 -30.21	107.73 4.11 -53.44	82.55 4.05 -42.54	62.19 2.74 -36.05	50.68 0.44 -43.98
EAST_POINT___SOLAR 323840	47.54 2.56 0.00	44.99 2.50 0.00	34.17 1.88 0.00	33.23 1.78 0.00	32.62 1.73 0.00	38.56 2.16 0.00	51.10 3.07 0.00	39.76 1.90 -0.04	33.33 0.66 0.00	23.86 0.01 -14.58	71.63 -0.17 -84.47	454.16 -0.05 -461.68	36.98 0.11 -25.72	26.29 0.13 -37.41	15.13 0.09 -20.68	26.32 0.02 -27.47	27.90 -0.20 -15.57	39.90 0.16 -9.87	38.60 1.27 -3.58	71.61 3.76 -10.54	55.22 3.65 -1.39	38.48 2.51 0.00	33.44 1.53 -8.52	36.58 0.37 -29.96
EAST_PULASKI___ESR 323781	43.80 -1.18 0.00	41.51 -0.98 0.00	31.53 -0.76 0.00	30.76 -0.70 0.00	30.14 -0.74 0.00	35.58 -0.82 0.00	46.96 -1.07 0.00	36.89 -0.93 0.00	31.59 -1.09 0.00	8.93 -0.34 0.00	-12.24 0.43 0.00	-7.21 0.25 0.00	10.78 -0.36 0.00	-10.86 0.38 0.00	-5.43 0.20 0.00	-4.14 0.04 3.00	12.14 -0.39 0.00	28.97 -0.89 0.00	32.97 -0.85 -0.07	55.97 -1.33 0.00	49.32 -0.87 0.00	35.14 -0.83 0.00	22.77 -0.63 0.00	6.07 -0.18 0.00
EAST_RIVER___1 323558	47.32 2.34 0.00	45.07 2.57 0.00	34.32 2.03 0.00	33.38 1.93 0.00	32.89 2.02 0.00	38.49 2.08 0.00	50.77 2.74 0.00	40.18 2.36 0.00	35.42 2.56 -0.19	35.72 0.77 -25.68	62.74 -0.98 -76.39	390.26 -0.59 -398.32	34.09 0.75 -22.19	20.19 -0.83 -32.27	11.76 -0.44 -17.84	22.45 -0.08 -23.70	27.10 1.14 -13.44	41.08 2.71 -8.51	39.46 2.80 -2.91	70.58 4.70 -8.58	62.37 3.41 -8.78	38.86 2.42 -0.48	32.66 1.68 -7.58	34.38 0.44 -27.69
EAST_RIVER___2 323559	47.41 2.42 0.00	45.14 2.65 0.00	34.37 2.07 0.00	33.44 1.98 0.00	32.94 2.06 0.00	38.56 2.15 0.00	50.85 2.83 0.00	40.25 2.43 0.00	35.49 2.63 -0.19	35.75 0.79 -25.68	62.70 -1.01 -76.39	390.24 -0.61 -398.32	34.12 0.78 -22.19	20.16 -0.86 -32.27	11.75 -0.46 -17.84	22.44 -0.09 -23.70	27.14 1.17 -13.44	41.17 2.79 -8.51	39.56 2.90 -2.91	70.75 4.87 -8.58	62.51 3.55 -8.78	38.94 2.50 -0.48	32.71 1.73 -7.58	34.39 0.45 -27.69
EAST___DELAWARE_HYD 23607	46.46 1.48 0.00	44.20 1.70 0.00	33.65 1.35 0.00	32.75 1.30 0.00	32.26 1.38 0.00	37.84 1.44 0.00	49.92 1.89 0.00	39.34 1.52 0.00	34.23 1.56 0.00	21.35 0.45 -11.62	54.16 -0.54 -67.37	360.38 -0.36 -368.21	32.16 0.50 -20.51	18.07 -0.51 -29.83	10.60 -0.26 -16.49	20.69 -0.05 -21.91	25.63 0.68 -12.42	39.42 1.70 -7.87	38.47 2.00 -2.71	68.79 3.55 -7.93	52.97 2.78 0.00	37.88 1.91 0.00	31.48 1.29 -6.79	30.47 0.33 -23.89
EIGHT_POINT___WT_PWR 323820	42.84 -2.15 0.00	41.04 -1.46 0.00	30.69 -1.61 0.00	30.16 -1.30 0.00	29.46 -1.43 0.00	35.18 -1.22 0.00	45.79 -2.23 0.00	35.10 -2.37 0.35	30.35 -2.32 0.00	8.93 -0.67 -0.32	-9.70 0.90 -2.06	11.35 0.84 -17.98	22.57 -0.91 -12.33	-3.88 0.88 -6.49	3.94 0.51 -9.06	7.40 0.08 -8.49	35.79 -1.04 -24.29	65.47 -2.48 -38.09	74.32 -2.86 -43.43	99.54 -4.27 -46.50	78.48 -3.47 -31.76	79.44 -2.21 -45.68	40.34 -1.40 -18.34	6.37 -0.53 -0.64
ELBRIDGE_115KV_TB2 80188	44.19 -0.80 0.00	41.87 -0.62 0.00	31.76 -0.53 0.00	31.00 -0.46 0.00	30.44 -0.44 0.00	35.99 -0.42 0.00	47.49 -0.53 0.00	37.20 -0.62 0.00	31.93 -0.74 0.00	9.24 -0.23 -0.19	-11.30 0.28 -1.09	-1.29 0.20 -5.98	11.24 -0.24 -0.33	-10.52 0.24 -0.48	-5.26 0.11 -0.27	-0.80 0.02 -0.35	12.59 -0.15 -0.20	29.63 -0.36 -0.13	33.45 -0.41 -0.10	56.73 -0.70 -0.13	49.62 -0.56 0.00	35.56 -0.40 0.00	23.19 -0.32 -0.11	6.53 -0.11 -0.39
ELEC_TRO_TEK 24086	60.91 2.56 -13.37	48.19 2.83 -2.86	47.65 2.22 -13.13	42.54 2.15 -8.93	70.80 2.24 -37.67	66.73 2.36 -27.96	54.03 3.01 -2.99	66.18 2.55 -25.81	43.67 2.63 -8.37	23.80 0.74 -13.78	59.69 -0.84 -73.21	187.74 -0.42 -195.63	56.15 0.83 -44.18	21.43 -0.85 -33.53	35.66 -0.47 -41.76	24.11 -0.09 -25.37	60.17 1.16 -46.48	72.45 2.72 -39.87	95.28 2.83 -58.70	108.21 4.70 -46.21	146.75 3.61 -92.95	111.68 2.63 -73.08	82.43 1.78 -57.24	62.91 0.48 -56.17
ELLENBURG_WT_PWR 323604	44.89 -0.09 0.00	42.34 -0.16 0.00	32.13 -0.16 0.00	31.22 -0.23 0.00	30.60 -0.28 0.00	36.20 -0.20 0.00	47.76 -0.27 0.00	37.79 -0.03 0.00	32.61 -0.06 0.00	9.25 -0.02 0.00	-12.58 0.10 0.00	-7.46 0.01 0.00	10.98 -0.16 0.00	-11.07 0.18 0.00	-5.52 0.12 0.00	-2.61 0.03 1.47	12.16 -0.37 0.00	29.11 -0.75 0.00	32.98 -0.77 0.00	56.00 -1.31 0.00	49.36 -0.83 0.00	35.33 -0.64 0.00	22.87 -0.54 0.00	6.11 -0.14 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	41.64 -3.34 0.00	40.33 -2.17 0.00	30.21 -2.09 0.00	29.58 -1.88 0.00	28.76 -2.12 0.00	34.41 -1.99 0.00	44.86 -3.16 0.00	34.98 -2.61 0.24	30.40 -2.27 0.00	8.92 -0.61 -0.26	-10.70 0.49 -1.48	1.04 0.43 -8.07	11.16 -0.43 -0.45	-10.28 0.31 -0.66	-5.13 0.15 -0.36	-0.68 0.01 -0.48	9.14 -0.34 3.05	20.18 -1.14 8.54	19.45 -1.76 12.55	33.75 -3.74 19.81	24.60 -3.42 22.17	19.69 -2.27 14.00	16.34 -1.64 5.42	6.23 -0.52 -0.50
EMPIRE_CC_1 323656	46.45 1.47 0.00	44.10 1.60 0.00	33.60 1.30 0.00	32.72 1.27 0.00	32.19 1.30 0.00	37.81 1.41 0.00	49.81 1.79 0.00	39.23 1.41 0.00	34.00 1.33 0.00	23.32 0.41 -13.63	65.74 -0.57 -78.98	423.86 -0.34 -431.67	35.71 0.52 -24.05	23.18 -0.54 -34.97	13.42 -0.28 -19.33	24.46 -0.06 -25.69	27.66 0.57 -14.56	40.44 1.36 -9.22	38.38 1.45 -3.17	69.08 2.48 -9.30	52.23 2.04 0.00	37.47 1.50 0.00	32.46 1.10 -7.96	34.57 0.31 -28.01
EMPIRE_CC_2 323658	46.45 1.47 0.00	44.10 1.60 0.00	33.60 1.30 0.00	32.72 1.27 0.00	32.19 1.30 0.00	37.81 1.41 0.00	49.81 1.79 0.00	39.23 1.41 0.00	34.00 1.33 0.00	23.32 0.41 -13.63	65.74 -0.57 -78.98	423.86 -0.34 -431.67	35.71 0.52 -24.05	23.18 -0.54 -34.97	13.42 -0.28 -19.33	24.46 -0.06 -25.69	27.66 0.57 -14.56	40.44 1.36 -9.22	38.38 1.45 -3.17	69.08 2.48 -9.30	52.23 2.04 0.00	37.47 1.50 0.00	32.46 1.10 -7.96	34.57 0.31 -28.01
ENORWICH_115KV_TB1 80156	47.23 2.25 0.00	45.02 2.52 0.00	33.91 1.61 0.00	33.07 1.61 0.00	32.49 1.61 0.00	38.68 2.27 0.00	51.18 3.16 0.00	39.88 1.94 -0.13	33.24 0.57 0.00	10.84 -0.02 -1.58	-3.84 -0.33 -9.16	42.14 0.08 -49.53	12.82 -0.18 -1.85	-7.75 -0.11 -3.61	-4.10 -0.02 -1.56	1.21 0.03 -2.35	14.06 0.17 -1.36	32.85 0.85 -2.15	38.36 1.57 -3.04	68.79 4.12 -7.36	62.00 3.94 -7.87	41.51 2.64 -2.91	26.91 1.43 -2.08	9.86 0.36 -3.25
ERIE_ST__34_KV_TB1-2 80199	41.79 -3.19 0.00	40.46 -2.03 0.00	30.31 -1.99 0.00	29.71 -1.74 0.00	28.90 -1.98 0.00	34.58 -1.82 0.00	45.09 -2.93 0.00	35.10 -2.47 0.25	30.52 -2.15 0.00	8.95 -0.59 -0.26	-10.68 0.47 -1.52	1.21 0.41 -8.26	11.20 -0.40 -0.46	-10.29 0.29 -0.67	-5.13 0.13 -0.37	-0.67 0.01 -0.49	9.75 -0.27 2.51	21.86 -0.88 7.12	21.78 -1.45 10.52	36.63 -3.14 17.53	26.84 -2.89 20.46	22.32 -1.91 11.74	17.47 -1.41 4.52	6.29 -0.48 -0.51
ERIE_WT_PWR 323693	41.80 -3.19 0.00	40.48 -2.02 0.00	30.31 -1.99 0.00	29.69 -1.77 0.00	28.85 -2.03 0.00	34.55 -1.86 0.00	45.04 -2.98 0.00	35.08 -2.49 0.25	30.48 -2.19 0.00	8.94 -0.59 -0.26	-10.72 0.45 -1.50	1.20 0.46 -8.20	11.24 -0.36 -0.46	-10.20 0.38 -0.67	-5.10 0.17 -0.37	-0.67 0.02 -0.49	9.31 -0.33 2.88	20.70 -1.05 8.11	20.14 -1.67 11.94	34.50 -3.58 19.22	25.07 -3.27 21.84	20.52 -2.14 13.32	16.71 -1.55 5.14	6.26 -0.50 -0.51
ESPRGFLD_115KV_TB1 80157	46.77 1.79 0.00	44.29 1.79 0.00	33.61 1.31 0.00	32.68 1.22 0.00	32.05 1.17 0.00	37.93 1.52 0.00	50.69 2.67 0.00	39.63 1.72 -0.09	33.53 0.85 0.00	8.46 0.09 0.91	-18.31 -0.35 5.29	-36.71 -0.06 29.18	9.14 0.11 2.12	-13.91 -0.08 2.58	-7.31 -0.01 1.66	-3.23 0.00 2.06	11.77 0.21 0.97	29.98 0.71 0.60	35.56 1.48 -0.33	61.63 3.37 -0.95	56.93 3.13 -3.62	38.12 2.15 0.00	24.05 1.18 0.53	4.64 0.26 1.87
ETNA_115_KV_TB1_REV_LBMP_C 345029	44.93 -0.05 0.00	42.65 0.16 0.00	32.28 -0.02 0.00	31.54 0.08 0.00	30.93 0.05 0.00	36.64 0.24 0.00	48.36 0.34 0.00	37.71 -0.08 0.03	32.13 -0.54 0.00	9.55 -0.22 -0.49	-9.59 0.25 -2.83	8.21 0.22 -15.45	11.76 -0.24 -0.86	-9.76 0.24 -1.25	-4.84 0.10 -0.69	-0.23 0.02 -0.92	14.05 -0.05 -1.57	32.89 -0.06 -3.09	37.99 0.09 -4.15	65.63 0.50 -7.83	55.18 0.60 -4.40	40.84 0.37 -4.50	25.60 0.13 -2.07	7.25 0.00 -1.00
ETNA____115KV_TB2 80207	44.93 -0.05 0.00	42.65 0.16 0.00	32.28 -0.02 0.00	31.54 0.08 0.00	30.93 0.05 0.00	36.64 0.24 0.00	48.36 0.34 0.00	37.71 -0.08 0.03	32.13 -0.54 0.00	9.55 -0.22 -0.49	-9.59 0.25 -2.83	8.21 0.22 -15.45	11.76 -0.24 -0.86	-9.76 0.24 -1.25	-4.84 0.10 -0.69	-0.23 0.02 -0.92	14.05 -0.05 -1.57	32.89 -0.06 -3.09	37.99 0.09 -4.15	65.63 0.50 -7.83	55.18 0.60 -4.40	40.84 0.37 -4.50	25.60 0.13 -2.07	7.25 0.00 -1.00
EUCLID___115KV_TB2 356179	44.00 -0.98 0.00	41.74 -0.76 0.00	31.67 -0.63 0.00	30.88 -0.57 0.00	30.30 -0.58 0.00	35.78 -0.62 0.00	47.24 -0.79 0.00	37.08 -0.75 0.00	31.88 -0.79 0.00	9.04 -0.23 0.00	-12.39 0.29 0.00	-7.27 0.20 0.00	10.90 -0.25 0.00	-11.01 0.23 0.00	-5.52 0.11 0.00	-1.15 0.02 0.00	12.34 -0.19 0.00	29.38 -0.49 0.00	33.29 -0.54 -0.08	56.40 -0.91 0.00	49.38 -0.81 0.00	35.38 -0.59 0.00	22.98 -0.42 0.00	6.12 -0.13 0.00
E_CANADA_CAP_HY 24051	46.94 1.95 0.00	44.39 1.89 0.00	33.70 1.41 0.00	32.75 1.30 0.00	32.12 1.23 0.00	37.98 1.58 0.00	50.45 2.42 0.00	39.44 1.57 -0.05	33.46 0.79 0.00	24.16 0.07 -14.81	72.86 -0.27 -85.81	461.41 -0.10 -468.97	37.39 0.12 -26.13	26.73 -0.02 -38.00	15.39 0.03 -21.00	26.74 0.01 -27.91	28.36 0.01 -15.82	40.17 0.28 -10.03	38.53 1.05 -3.73	71.03 2.78 -10.96	54.84 2.69 -1.97	37.91 1.94 0.00	33.19 1.14 -8.65	36.95 0.26 -30.43
E_CANADA_MHWK_HY 24050	46.28 1.29 0.00	44.03 1.53 0.00	33.60 1.30 0.00	32.79 1.34 0.00	32.27 1.39 0.00	37.92 1.52 0.00	49.89 1.86 0.00	39.16 1.34 0.00	33.43 0.76 0.00	9.35 0.08 0.00	-13.01 -0.34 0.00	-7.64 -0.18 0.00	11.29 0.14 0.00	-11.38 -0.13 0.00	-5.56 0.07 0.00	0.10 0.02 -1.25	12.21 -0.32 0.00	29.74 -0.12 0.00	34.65 0.90 0.00	60.24 2.93 0.00	52.41 2.22 0.00	37.90 1.93 0.00	24.79 1.39 0.00	6.64 0.39 0.00
E_FISHKILL___LBMP 23776	46.84 1.86 0.00	44.58 2.08 0.00	33.95 1.65 0.00	33.06 1.61 0.00	32.56 1.68 0.00	38.14 1.74 0.00	50.28 2.26 0.00	39.69 1.87 0.00	34.63 1.96 0.00	22.59 0.59 -12.73	60.33 -0.75 -73.75	395.20 -0.45 -403.11	34.25 0.65 -22.46	20.74 -0.67 -32.66	12.06 -0.36 -18.05	22.75 -0.07 -23.99	27.04 0.91 -13.60	40.65 2.18 -8.61	39.00 2.30 -2.95	69.88 3.89 -8.68	53.14 2.95 0.00	38.06 2.09 0.00	32.27 1.43 -7.43	32.79 0.38 -26.16
FALCON___SEABRD_CC1 323796	45.34 0.36 0.00	42.89 0.39 0.00	32.55 0.25 0.00	31.63 0.17 0.00	30.97 0.09 0.00	36.63 0.22 0.00	48.25 0.23 0.00	38.19 0.37 0.00	32.92 0.24 0.00	9.33 0.06 0.00	-12.70 -0.03 0.00	-7.54 -0.07 0.00	11.11 -0.04 0.00	-11.20 0.05 0.00	-5.58 0.05 0.00	-2.67 0.02 1.52	12.30 -0.23 0.00	29.49 -0.38 0.00	33.37 -0.38 0.00	56.66 -0.64 0.00	49.94 -0.24 0.00	35.76 -0.21 0.00	23.14 -0.27 0.00	6.18 -0.07 0.00
FALCON___SEABRD_CC2 323797	45.34 0.36 0.00	42.89 0.39 0.00	32.55 0.25 0.00	31.63 0.17 0.00	30.97 0.09 0.00	36.63 0.22 0.00	48.25 0.23 0.00	38.19 0.37 0.00	32.92 0.24 0.00	9.33 0.06 0.00	-12.70 -0.03 0.00	-7.54 -0.07 0.00	11.11 -0.04 0.00	-11.20 0.05 0.00	-5.58 0.05 0.00	-2.67 0.02 1.52	12.30 -0.23 0.00	29.49 -0.38 0.00	33.37 -0.38 0.00	56.66 -0.64 0.00	49.94 -0.24 0.00	35.76 -0.21 0.00	23.14 -0.27 0.00	6.18 -0.07 0.00

FAR ROCKAWAY___4 23548	61.80 2.99 -13.82	48.71 3.25 -2.96	48.39 2.52 -13.58	43.13 2.44 -9.24	72.34 2.52 -38.94	68.01 2.69 -28.91	54.58 3.47 -3.09	67.40 2.89 -26.68	44.23 2.91 -8.65	23.89 0.83 -13.78	59.58 -0.95 -73.21	185.84 -0.48 -193.79	56.99 0.95 -44.89	21.36 -0.97 -33.57	36.41 -0.53 -42.57	24.16 -0.10 -25.43	61.42 1.29 -47.59	73.85 3.06 -40.92	97.53 3.20 -60.58	110.13 5.34 -47.48	150.43 4.14 -96.09	114.47 3.00 -75.50	84.38 2.02 -58.96	63.96 0.53 -57.17
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	47.33 2.35 0.00	45.08 2.59 0.00	34.33 2.03 0.00	33.40 1.95 0.00	32.90 2.02 0.00	38.50 2.10 0.00	50.78 2.76 0.00	40.18 2.36 0.00	35.43 2.57 -0.19	35.35 0.78 -25.30	62.62 -0.99 -76.29	390.25 -0.61 -398.32	34.11 0.78 -22.19	20.21 -0.81 -32.27	11.77 -0.43 -17.84	22.45 -0.08 -23.70	27.10 1.14 -13.44	41.10 2.73 -8.51	39.46 2.81 -2.91	70.61 4.73 -8.58	53.60 3.41 0.00	38.40 2.44 0.00	32.43 1.68 -7.35	32.54 0.44 -25.85
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	47.33 2.35 0.00	45.09 2.59 0.00	34.33 2.03 0.00	33.40 1.95 0.00	32.90 2.02 0.00	38.50 2.10 0.00	50.78 2.75 0.00	40.18 2.36 0.00	35.43 2.57 -0.19	35.35 0.78 -25.30	62.62 -0.99 -76.29	390.25 -0.61 -398.32	34.11 0.77 -22.19	20.22 -0.81 -32.27	11.77 -0.43 -17.84	22.45 -0.08 -23.70	27.10 1.14 -13.44	41.10 2.73 -8.51	39.46 2.80 -2.91	70.60 4.72 -8.58	53.59 3.40 0.00	38.40 2.44 0.00	32.43 1.68 -7.35	32.54 0.44 -25.85
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	47.31 2.33 0.00	45.06 2.56 0.00	34.32 2.03 0.00	33.38 1.93 0.00	32.89 2.02 0.00	38.49 2.09 0.00	50.77 2.75 0.00	40.17 2.35 0.00	35.42 2.56 -0.19	35.34 0.77 -25.30	62.63 -0.99 -76.29	390.25 -0.60 -398.32	34.11 0.77 -22.19	20.22 -0.81 -32.27	11.77 -0.43 -17.84	22.45 -0.08 -23.70	27.10 1.13 -13.44	41.08 2.71 -8.51	39.45 2.79 -2.91	70.57 4.69 -8.58	53.58 3.40 0.00	38.38 2.42 0.00	32.41 1.66 -7.35	32.54 0.44 -25.85
FARRAGUT___LBMP 323566	47.28 2.29 0.00	45.04 2.54 0.00	34.29 2.00 0.00	33.37 1.92 0.00	32.87 1.99 0.00	38.46 2.06 0.00	50.73 2.71 0.00	40.14 2.32 0.00	35.40 2.54 -0.19	35.34 0.76 -25.30	62.64 -0.98 -76.29	390.26 -0.60 -398.32	34.09 0.76 -22.19	20.23 -0.79 -32.27	11.78 -0.42 -17.84	22.45 -0.08 -23.70	27.09 1.12 -13.44	41.06 2.69 -8.51	39.43 2.77 -2.91	70.53 4.65 -8.58	53.54 3.35 0.00	38.36 2.39 0.00	32.40 1.65 -7.35	32.54 0.44 -25.85
FARRCKWY_69_KV_BK2 55825	61.80 2.99 -13.82	48.71 3.25 -2.96	48.39 2.52 -13.58	43.13 2.44 -9.24	72.34 2.52 -38.94	68.01 2.69 -28.91	54.58 3.47 -3.09	67.40 2.89 -26.68	44.23 2.91 -8.65	23.89 0.83 -13.78	59.58 -0.95 -73.21	185.84 -0.48 -193.79	56.99 0.95 -44.89	21.36 -0.97 -33.57	36.41 -0.53 -42.57	24.16 -0.10 -25.43	61.42 1.29 -47.59	73.85 3.06 -40.92	97.53 3.20 -60.58	110.13 5.34 -47.48	150.43 4.14 -96.09	114.47 3.00 -75.50	84.38 2.02 -58.96	63.96 0.53 -57.17
FENNER___WINDPWR 24204	45.26 0.28 0.00	42.85 0.35 0.00	32.52 0.22 0.00	31.73 0.27 0.00	31.11 0.23 0.00	36.75 0.34 0.00	48.53 0.51 0.00	38.03 0.20 0.00	32.49 -0.18 0.00	9.40 -0.10 -0.22	-11.26 0.12 -1.29	-0.30 0.10 -7.07	11.43 -0.11 -0.39	-10.54 0.14 -0.57	-5.24 0.08 -0.31	1.27 0.01 -2.43	12.74 -0.02 -0.24	30.00 -0.02 -0.15	34.17 0.30 -0.12	58.69 0.74 -0.65	50.99 0.81 0.00	36.44 0.47 0.00	23.73 0.20 -0.13	6.74 0.03 -0.46
FIBERTEK___ENERGY 23856	44.40 -0.58 0.00	42.09 -0.41 0.00	31.92 -0.37 0.00	31.15 -0.30 0.00	30.57 -0.31 0.00	36.13 -0.27 0.00	47.70 -0.33 0.00	37.37 -0.45 0.00	32.08 -0.59 0.00	9.27 -0.18 -0.18	-11.41 0.22 -1.04	-1.62 0.17 -5.67	11.27 -0.19 -0.32	-10.60 0.19 -0.46	-5.29 0.09 -0.25	-0.82 0.02 -0.34	12.63 -0.09 -0.19	29.75 -0.24 -0.12	33.60 -0.25 -0.10	57.05 -0.37 -0.12	49.89 -0.30 0.00	35.74 -0.22 0.00	23.30 -0.20 -0.10	6.55 -0.08 -0.37
FITZPATRICK___ 23598	43.52 -1.46 0.00	41.24 -1.26 0.00	31.32 -0.98 0.00	30.53 -0.92 0.00	29.96 -0.93 0.00	35.36 -1.04 0.00	46.72 -1.31 0.00	36.70 -1.12 0.00	31.62 -1.05 0.00	8.97 -0.31 0.00	-12.28 0.39 0.00	-7.21 0.26 0.00	10.81 -0.34 0.00	-10.90 0.35 0.00	-5.47 0.17 0.00	-1.14 0.03 0.00	12.20 -0.33 0.00	29.05 -0.82 0.00	32.85 -0.96 -0.06	55.64 -1.66 0.00	48.72 -1.47 0.00	34.93 -1.03 0.00	22.70 -0.69 0.00	6.06 -0.20 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	47.35 2.36 0.00	45.05 2.55 0.00	34.30 2.00 0.00	33.38 1.93 0.00	32.89 2.01 0.00	38.55 2.14 0.00	50.83 2.81 0.00	40.10 2.28 0.00	34.95 2.27 0.00	22.57 0.67 -12.61	59.54 -0.88 -73.10	391.55 -0.53 -399.54	34.17 0.77 -22.26	20.34 -0.78 -32.37	11.85 -0.41 -17.89	22.52 -0.08 -23.78	27.04 1.04 -13.48	40.94 2.54 -8.54	39.45 2.78 -2.92	70.60 4.70 -8.60	53.86 3.68 0.00	38.56 2.60 0.00	32.51 1.74 -7.37	32.64 0.46 -25.92
FORT ORANGE___ 23900	46.02 1.03 0.00	43.64 1.15 0.00	33.31 1.02 0.00	32.44 0.98 0.00	31.91 1.03 0.00	37.49 1.09 0.00	49.40 1.37 0.00	38.91 1.09 0.00	33.73 1.06 0.00	23.45 0.33 -13.85	67.17 -0.39 -80.24	430.85 -0.23 -438.55	35.96 0.39 -24.43	23.86 -0.42 -35.53	13.79 -0.21 -19.64	24.88 -0.04 -26.10	27.77 0.44 -14.79	40.26 1.03 -9.37	38.17 1.19 -3.24	68.83 2.08 -9.44	51.90 1.72 0.00	37.23 1.27 0.00	32.41 0.92 -8.09	34.99 0.28 -28.45
FORT_DRUM_COGEN 23780	43.47 -1.51 0.00	41.24 -1.26 0.00	31.39 -0.91 0.00	30.64 -0.81 0.00	29.89 -0.99 0.00	35.44 -0.97 0.00	46.73 -1.29 0.00	36.71 -1.11 0.00	30.98 -1.69 0.00	8.64 -0.64 0.00	-11.72 0.96 0.00	-6.96 0.50 0.00	10.28 -0.86 0.00	-10.33 0.92 0.00	-5.09 0.54 0.00	-12.57 0.12 11.52	11.31 -1.23 0.00	27.22 -2.65 0.00	31.79 -2.01 -0.05	54.94 -2.37 0.00	49.13 -1.06 0.00	34.67 -1.30 0.00	22.21 -1.19 0.00	5.93 -0.32 0.00
FOX_HILLS___ESR 323835	47.52 2.54 0.00	45.25 2.75 0.00	34.47 2.17 0.00	33.51 2.06 0.00	33.00 2.12 0.00	38.61 2.21 0.00	50.99 2.96 0.00	40.35 2.53 0.00	35.52 2.69 -0.16	33.72 0.87 -23.58	62.04 -1.01 -75.72	390.24 -0.62 -398.33	34.20 0.86 -22.19	20.09 -0.93 -32.27	11.72 -0.49 -17.84	22.44 -0.10 -23.71	27.18 1.21 -13.44	41.25 2.87 -8.51	39.63 2.97 -2.91	70.90 5.02 -8.58	53.89 3.70 0.00	38.63 2.66 0.00	32.58 1.83 -7.35	32.59 0.49 -25.85
FPL_FAR_ROCK_GT1 24212	61.81 3.00 -13.82	48.71 3.25 -2.96	48.39 2.52 -13.58	43.13 2.44 -9.24	72.34 2.51 -38.94	68.01 2.70 -28.91	54.58 3.47 -3.09	67.40 2.89 -26.68	44.23 2.91 -8.65	23.89 0.83 -13.78	59.59 -0.94 -73.21	185.86 -0.46 -193.79	56.97 0.94 -44.89	21.33 -0.99 -33.57	36.39 -0.54 -42.57	24.15 -0.10 -25.43	61.42 1.29 -47.59	73.84 3.05 -40.92	97.53 3.20 -60.58	110.13 5.34 -47.48	150.43 4.15 -96.09	114.47 3.01 -75.50	84.40 2.04 -58.96	63.96 0.53 -57.17
FPL_FAR_ROCK_GT2 23815	61.81 3.00 -13.82	48.71 3.25 -2.96	48.39 2.52 -13.58	43.13 2.44 -9.24	72.34 2.51 -38.94	68.01 2.70 -28.91	54.58 3.47 -3.09	67.40 2.89 -26.68	44.23 2.91 -8.65	23.89 0.83 -13.78	59.59 -0.94 -73.21	185.86 -0.46 -193.79	56.97 0.94 -44.89	21.33 -0.99 -33.57	36.39 -0.54 -42.57	24.15 -0.10 -25.43	61.42 1.29 -47.59	73.84 3.05 -40.92	97.53 3.20 -60.58	110.13 5.34 -47.48	150.43 4.15 -96.09	114.47 3.01 -75.50	84.40 2.04 -58.96	63.96 0.53 -57.17

FRANKLIN_FALL_HYD 24054	44.90 -0.09 0.00	42.34 -0.16 0.00	32.12 -0.17 0.00	31.21 -0.24 0.00	30.58 -0.30 0.00	36.20 -0.20 0.00	47.71 -0.32 0.00	37.86 0.04 0.00	32.63 -0.05 0.00	9.24 -0.04 0.00	-12.52 0.15 0.00	-7.42 0.04 0.00	10.94 -0.20 0.00	-11.03 0.22 0.00	-5.49 0.14 0.00	-4.05 0.04 2.92	12.07 -0.46 0.00	28.92 -0.94 0.00	32.80 -0.95 0.00	55.80 -1.50 0.00	49.45 -0.74 0.00	35.40 -0.57 0.00	22.88 -0.52 0.00	6.12 -0.13 0.00
FREEPORT_EQUS_GT1 23764	58.00 2.84 -10.18	47.74 3.07 -2.18	44.72 2.43 -10.00	40.59 2.34 -6.80	61.98 2.43 -28.67	60.27 2.59 -21.28	53.59 3.30 -2.27	60.23 2.77 -19.64	41.86 2.81 -6.38	23.85 0.79 -13.78	59.67 -0.87 -73.21	172.37 -0.41 -180.25	51.10 0.89 -39.07	21.05 -0.93 -33.23	29.90 -0.51 -36.05	23.70 -0.10 -24.97	52.34 1.22 -38.59	65.14 2.89 -32.38	82.18 3.06 -45.37	99.60 5.12 -37.18	124.89 4.03 -70.67	94.80 2.90 -55.93	70.46 1.97 -45.09	55.89 0.52 -49.12
FREEPORT___CT2 23818	58.00 2.84 -10.18	47.74 3.07 -2.18	44.72 2.43 -10.00	40.59 2.34 -6.80	61.98 2.43 -28.67	60.27 2.59 -21.28	53.59 3.30 -2.27	60.23 2.77 -19.64	41.86 2.81 -6.38	23.85 0.79 -13.78	59.67 -0.87 -73.21	172.37 -0.41 -180.25	51.10 0.89 -39.07	21.05 -0.93 -33.23	29.90 -0.51 -36.05	23.70 -0.10 -24.97	52.34 1.22 -38.59	65.14 2.89 -32.38	82.18 3.06 -45.37	99.60 5.12 -37.18	124.89 4.03 -70.67	94.80 2.90 -55.93	70.46 1.97 -45.09	55.89 0.52 -49.12
FRESHKLS_33_KV_LOAD 356253	47.55 2.56 0.00	45.27 2.77 0.00	34.47 2.17 0.00	33.51 2.06 0.00	33.00 2.12 0.00	38.63 2.22 0.00	51.00 2.98 0.00	40.36 2.54 0.00	35.51 2.68 -0.16	33.72 0.86 -23.58	62.06 -0.99 -75.72	390.23 -0.63 -398.33	34.23 0.90 -22.19	20.06 -0.97 -32.27	11.70 -0.50 -17.84	22.44 -0.10 -23.71	27.21 1.24 -13.44	41.33 2.96 -8.51	39.70 3.04 -2.91	71.05 5.17 -8.58	54.00 3.81 0.00	38.70 2.74 0.00	32.63 1.88 -7.35	32.60 0.50 -25.85
FULTON COGEN____ 23766	43.53 -1.45 0.00	41.25 -1.25 0.00	31.31 -0.99 0.00	30.53 -0.92 0.00	29.95 -0.93 0.00	35.36 -1.04 0.00	46.70 -1.32 0.00	36.67 -1.15 0.00	31.54 -1.13 0.00	8.94 -0.34 0.00	-12.22 0.45 0.00	-7.18 0.29 0.00	10.76 -0.39 0.00	-10.86 0.38 0.00	-5.44 0.19 0.00	-1.84 0.04 0.71	12.17 -0.37 0.00	28.99 -0.88 0.00	32.88 -0.95 -0.08	55.75 -1.56 0.00	48.84 -1.35 0.00	35.01 -0.96 0.00	22.72 -0.68 0.00	6.06 -0.20 0.00
FULTON___LFGE 323630	47.14 2.16 0.00	44.62 2.12 0.00	33.89 1.60 0.00	32.97 1.51 0.00	32.36 1.48 0.00	38.22 1.81 0.00	50.59 2.57 0.00	39.58 1.73 -0.03	33.51 0.84 0.00	23.87 0.07 -14.52	71.18 -0.30 -84.16	452.38 -0.11 -459.96	36.91 0.14 -25.62	25.93 -0.08 -37.27	14.98 0.02 -20.60	26.21 0.01 -27.37	27.97 -0.08 -15.51	39.86 0.16 -9.84	38.45 1.15 -3.55	70.97 3.22 -10.45	54.51 3.08 -1.25	38.14 2.18 0.00	33.21 1.33 -8.48	36.42 0.32 -29.84
G.F.CEMENT___DRP 24184	47.69 2.71 0.00	45.16 2.66 0.00	34.40 2.11 0.00	33.59 2.14 0.00	33.02 2.13 0.00	38.88 2.47 0.00	51.24 3.22 0.00	40.22 2.40 0.00	34.81 2.14 0.00	24.02 0.61 -14.13	68.35 -0.88 -81.90	439.68 -0.49 -447.63	36.78 0.70 -24.93	24.27 -0.75 -36.27	14.06 -0.35 -20.05	25.40 -0.07 -26.64	28.34 0.71 -15.10	41.28 1.85 -9.57	39.35 2.28 -3.32	70.93 3.99 -9.64	53.75 3.56 0.00	38.63 2.67 0.00	33.36 1.71 -8.26	35.76 0.46 -29.04
GARDENVILLE___LBMP 24039	41.74 -3.24 0.00	40.41 -2.09 0.00	30.26 -2.04 0.00	29.65 -1.81 0.00	28.83 -2.05 0.00	34.50 -1.91 0.00	44.98 -3.05 0.00	35.02 -2.56 0.25	30.43 -0.61 0.00	8.93 0.50 -0.26	-10.67 0.50 -1.50	1.16 0.44 -8.19	11.16 -0.44 -0.46	-10.27 0.32 -0.67	-5.12 0.15 -0.37	-0.67 0.01 -0.49	8.77 -0.35 3.41	19.24 -1.14 9.49	18.09 -1.75 13.91	31.95 -3.68 21.67	22.88 -3.33 23.98	18.25 -2.20 15.51	15.79 -1.59 6.02	6.25 -0.52 -0.51
GARDNVLA_35_KV_LD 355827	41.84 -3.14 0.00	40.51 -1.99 0.00	30.33 -1.97 0.00	29.71 -1.74 0.00	28.88 -2.00 0.00	34.57 -1.84 0.00	45.07 -2.96 0.00	35.12 -2.46 0.25	30.51 -2.15 0.00	8.96 -0.58 -0.26	-10.71 0.46 -1.50	1.16 0.42 -8.20	11.20 -0.40 -0.46	-10.30 0.28 -0.67	-5.13 0.13 -0.37	-0.67 0.01 -0.49	9.54 -0.30 2.69	21.21 -1.05 7.60	20.91 -1.64 11.20	35.48 -3.51 18.31	25.96 -3.18 21.05	21.37 -2.10 12.49	17.06 -1.52 4.82	6.27 -0.50 -0.51
GELCKHM___115KV_LOAD 80723	44.18 -0.80 0.00	41.89 -0.61 0.00	31.77 -0.52 0.00	31.00 -0.46 0.00	30.41 -0.47 0.00	35.92 -0.48 0.00	47.42 -0.60 0.00	37.20 -0.63 0.00	31.96 -0.71 0.00	9.06 -0.21 0.00	-12.41 0.27 0.00	-7.28 0.19 0.00	10.92 -0.23 0.00	-11.03 0.22 0.00	-5.53 0.10 0.00	-1.15 0.02 0.00	12.37 -0.16 0.00	29.46 -0.41 0.00	33.40 -0.44 -0.09	56.60 -0.71 0.00	49.59 -0.60 0.00	35.53 -0.43 0.00	23.07 -0.33 0.00	6.14 -0.11 0.00
GENERAL___MILLS 23808	41.79 -3.19 0.00	40.46 -2.04 0.00	30.30 -1.99 0.00	29.68 -1.77 0.00	28.86 -2.02 0.00	34.53 -1.87 0.00	45.03 -3.00 0.00	35.07 -2.50 0.25	30.48 -2.19 0.00	8.94 -0.59 -0.26	-10.69 0.48 -1.50	1.16 0.43 -8.20	11.18 -0.42 -0.46	-10.29 0.30 -0.67	-5.13 0.14 -0.37	-0.67 0.01 -0.49	9.32 -0.32 2.88	20.67 -1.09 8.11	20.13 -1.69 11.94	34.50 -3.58 19.22	25.09 -3.25 21.84	20.50 -2.15 13.32	16.70 -1.55 5.14	6.26 -0.50 -0.51
GE_PLASTICS___DRP 24183	45.93 0.94 0.00	43.57 1.07 0.00	33.22 0.92 0.00	32.35 0.90 0.00	31.82 0.94 0.00	37.38 0.98 0.00	49.26 1.23 0.00	38.83 1.00 0.00	33.67 1.00 -13.84	23.42 0.31 -80.21	67.14 -0.40 -80.21	430.67 -0.23 -438.37	35.95 0.39 -24.42	23.88 -0.39 -35.52	13.80 -0.20 -19.63	24.87 -0.04 -26.09	27.76 0.44 -14.79	40.27 1.03 -9.37	38.13 1.15 -3.23	68.67 1.93 -9.44	51.71 1.52 0.00	37.09 1.13 0.00	32.31 0.82 -8.08	34.95 0.25 -28.44
GILBOA___1 23756	46.17 1.19 0.00	43.84 1.34 0.00	33.37 1.08 0.00	32.50 1.04 0.00	31.97 1.08 0.00	37.56 1.15 0.00	49.49 1.46 0.00	39.00 1.18 0.00	33.86 1.19 0.00	21.62 0.36 -11.99	56.29 -0.51 -69.47	371.92 -0.31 -379.70	32.79 0.49 -21.15	18.97 -0.54 -30.76	11.09 -0.27 -17.00	21.36 -0.06 -22.60	25.93 0.59 -12.81	39.26 1.29 -8.11	37.91 1.41 -2.75	67.86 2.38 -8.18	52.04 1.86 0.00	37.29 1.33 0.00	31.33 0.93 -7.00	31.14 0.25 -24.64
GILBOA___2 23757	46.17 1.19 0.00	43.84 1.34 0.00	33.37 1.08 0.00	32.50 1.04 0.00	31.97 1.08 0.00	37.56 1.15 0.00	49.49 1.46 0.00	39.00 1.18 0.00	33.86 1.19 0.00	21.62 0.36 -11.99	56.29 -0.51 -69.47	371.92 -0.31 -379.70	32.79 0.49 -21.15	18.97 -0.54 -30.76	11.09 -0.27 -17.00	21.36 -0.06 -22.60	25.93 0.59 -12.81	39.26 1.29 -8.11	37.91 1.41 -2.75	67.86 2.38 -8.18	52.04 1.86 0.00	37.29 1.33 0.00	31.33 0.93 -7.00	31.14 0.25 -24.64
GILBOA___3 23758	46.17 1.19 0.00	43.84 1.34 0.00	33.37 1.08 0.00	32.50 1.04 0.00	31.97 1.08 0.00	37.56 1.15 0.00	49.49 1.46 0.00	39.00 1.18 0.00	33.86 1.19 0.00	21.62 0.36 -11.99	56.29 -0.51 -69.47	371.92 -0.31 -379.70	32.79 0.49 -21.15	18.97 -0.54 -30.76	11.09 -0.27 -17.00	21.36 -0.06 -22.60	25.93 0.59 -12.81	39.26 1.29 -8.11	37.91 1.41 -2.75	67.86 2.38 -8.18	52.04 1.86 0.00	37.29 1.33 0.00	31.33 0.93 -7.00	31.14 0.25 -24.64

GILBOA___4 23759	46.17 1.19 0.00	43.84 1.34 0.00	33.37 1.08 0.00	32.50 1.04 0.00	31.97 1.08 0.00	37.56 1.15 0.00	49.49 1.46 0.00	39.00 1.18 0.00	33.86 1.19 0.00	21.62 0.36 -11.99	56.29 -0.51 -69.47	371.92 -0.31 -379.70	32.79 0.49 -21.15	18.97 -0.54 -30.76	11.09 -0.27 -17.00	21.36 -0.06 -22.60	25.93 0.59 -12.81	39.26 1.29 -8.11	37.91 1.41 -2.75	67.86 2.38 -8.18	52.04 1.86 0.00	37.29 1.33 0.00	31.33 0.93 -7.00	31.14 0.25 -24.64
GILBOA____ 23599	46.17 1.19 0.00	43.84 1.34 0.00	33.37 1.08 0.00	32.50 1.04 0.00	31.97 1.09 0.00	37.55 1.15 0.00	49.49 1.46 0.00	39.00 1.18 0.00	33.87 1.19 0.00	21.62 0.36 -11.99	56.28 -0.52 -69.47	371.92 -0.31 -379.70	32.80 0.50 -21.15	18.99 -0.52 -30.76	11.10 -0.27 -17.00	21.36 -0.06 -22.60	25.93 0.59 -12.81	39.27 1.30 -8.11	37.91 1.41 -2.75	67.86 2.38 -8.18	52.04 1.86 0.00	37.30 1.33 0.00	31.33 0.92 -7.00	31.14 0.25 -24.64
GINNA____ 23603	41.71 -3.27 0.00	39.80 -2.70 0.00	30.07 -2.22 0.00	29.34 -2.12 0.00	28.71 -2.18 0.00	34.06 -2.34 0.00	44.80 -3.23 0.00	35.01 -2.71 0.10	30.16 -2.51 0.00	8.76 -0.71 -0.19	-10.68 0.86 -1.14	-0.27 0.56 -6.64	11.55 -0.71 -1.12	-9.67 0.71 -0.87	-4.44 0.35 -0.84	-0.22 0.06 -0.88	12.93 -0.67 -1.06	28.94 -1.67 -0.75	31.92 -2.05 -0.22	51.64 -3.84 1.83	42.60 -3.51 4.08	33.47 -2.49 0.00	21.78 -1.73 -0.11	6.15 -0.50 -0.40
GLEN PARK____ 23778	43.60 -1.38 0.00	41.34 -1.16 0.00	31.45 -0.85 0.00	30.71 -0.75 0.00	29.97 -0.91 0.00	35.54 -0.87 0.00	46.87 -1.16 0.00	36.77 -1.05 0.00	30.94 -1.73 0.00	8.61 -0.66 0.00	-11.69 0.98 0.00	-6.95 0.51 0.00	10.25 -0.89 0.00	-10.30 0.95 0.00	-5.08 0.55 0.00	-11.90 0.12 10.86	11.28 -1.25 0.00	27.17 -2.70 0.00	31.83 -1.97 -0.06	55.22 -2.08 0.00	49.38 -0.81 0.00	34.81 -1.16 0.00	22.30 -1.10 0.00	5.95 -0.31 0.00
GLENDALE_27_KV_LOAD 356172	47.38 2.40 0.00	45.17 2.67 0.00	34.40 2.11 0.00	33.46 2.00 0.00	32.96 2.08 0.00	38.55 2.14 0.00	50.87 2.85 0.00	40.29 2.46 0.00	35.51 2.69 -0.16	33.68 0.82 -23.58	62.01 -1.03 -75.72	390.23 -0.63 -398.33	34.18 0.84 -22.19	20.15 -0.87 -32.27	11.74 -0.46 -17.84	22.45 -0.09 -23.71	27.17 1.20 -13.44	41.21 2.83 -8.51	39.58 2.93 -2.91	70.74 4.86 -8.58	53.73 3.55 0.00	38.54 2.57 0.00	32.51 1.76 -7.35	32.57 0.47 -25.85
GLENWOOD_IC_1_G5 23712	59.96 2.64 -12.33	48.00 2.87 -2.64	46.66 2.25 -12.11	41.86 2.17 -8.24	67.89 2.26 -34.74	64.59 2.40 -25.79	53.87 3.09 -2.76	64.22 2.59 -23.80	43.06 2.67 -7.72	23.83 0.77 -13.78	59.61 -0.92 -73.21	257.24 -0.51 -265.21	54.51 0.86 -42.51	21.30 -0.88 -33.43	33.79 -0.48 -39.90	23.98 -0.09 -25.24	57.63 1.19 -43.91	70.11 2.82 -37.43	91.05 2.94 -54.36	105.51 4.93 -43.28	139.69 3.79 -85.71	106.19 2.73 -67.50	78.58 1.85 -53.33	60.66 0.49 -53.92
GLENWOOD_IC_2_G1 23688	47.93 2.38 -0.57	45.24 2.62 -0.12	34.92 2.06 -0.56	33.83 1.99 -0.38	34.55 2.08 -1.60	39.77 2.18 -1.19	50.97 2.82 -0.13	41.29 2.37 -1.10	35.52 2.48 -0.37	23.79 0.73 -13.78	59.66 -0.87 -73.21	392.59 -0.48 -400.54	35.64 0.78 -23.71	20.24 -0.84 -32.33	12.77 -0.45 -18.85	22.52 -0.09 -23.77	28.48 1.11 -14.84	42.33 2.63 -9.84	41.77 2.75 -5.27	72.09 4.62 -10.17	57.64 3.51 -3.94	42.77 2.50 -4.30	34.59 1.72 -9.47	35.39 0.46 -28.68
GLENWOOD_IC_3_G1 23689	47.93 2.38 -0.57	45.24 2.62 -0.12	34.92 2.06 -0.56	33.83 1.99 -0.38	34.55 2.08 -1.60	39.77 2.18 -1.19	50.97 2.82 -0.13	41.29 2.37 -1.10	35.52 2.48 -0.37	23.79 0.73 -13.78	59.66 -0.87 -73.21	392.59 -0.48 -400.54	35.64 0.78 -23.71	20.24 -0.84 -32.33	12.77 -0.45 -18.85	22.52 -0.09 -23.77	28.48 1.11 -14.84	42.33 2.63 -9.84	41.77 2.75 -5.27	72.09 4.62 -10.17	57.64 3.51 -3.94	42.77 2.50 -4.30	34.59 1.72 -9.47	35.39 0.46 -28.68
GLENWOOD___4 23550	59.96 2.64 -12.33	48.00 2.87 -2.64	46.66 2.25 -12.11	41.86 2.17 -8.24	67.89 2.26 -34.74	64.59 2.40 -25.79	53.87 3.09 -2.76	64.22 2.59 -23.80	43.06 2.67 -7.72	23.83 0.77 -13.78	59.61 -0.92 -73.21	257.24 -0.51 -265.21	54.51 0.86 -42.51	21.30 -0.88 -33.43	33.79 -0.48 -39.90	23.98 -0.09 -25.24	57.63 1.19 -43.91	70.11 2.82 -37.43	91.05 2.94 -54.36	105.51 4.93 -43.28	139.69 3.79 -85.71	106.19 2.73 -67.50	78.58 1.85 -53.33	60.66 0.49 -53.92
GLENWOOD___5 23614	59.96 2.64 -12.33	48.00 2.87 -2.64	46.66 2.25 -12.11	41.86 2.17 -8.24	67.89 2.26 -34.74	64.59 2.40 -25.79	53.87 3.09 -2.76	64.22 2.59 -23.80	43.06 2.67 -7.72	23.83 0.77 -13.78	59.61 -0.92 -73.21	257.24 -0.51 -265.21	54.51 0.86 -42.51	21.30 -0.88 -33.43	33.79 -0.48 -39.90	23.98 -0.09 -25.24	57.63 1.19 -43.91	70.11 2.82 -37.43	91.05 2.94 -54.36	105.51 4.93 -43.28	139.69 3.79 -85.71	106.19 2.73 -67.50	78.58 1.85 -53.33	60.66 0.49 -53.92
GLOBAL GREEN_PORT_GT1 23814	56.51 3.84 -7.69	47.69 3.55 -1.65	42.01 2.16 -7.55	38.38 1.79 -5.13	54.47 1.93 -21.65	54.52 2.04 -16.08	52.35 2.61 -1.72	55.08 2.42 -14.84	39.89 2.40 -4.82	23.68 0.63 -13.78	60.01 -0.53 -73.21	117.19 0.13 -124.52	46.65 0.42 -35.09	21.04 -0.71 -33.00	25.48 -0.47 -31.59	23.41 -0.08 -24.66	45.97 1.01 -32.43	59.15 2.75 -26.54	71.63 2.91 -34.97	92.19 4.68 -30.21	108.04 4.42 -53.44	82.51 4.00 -42.54	62.16 2.71 -36.05	50.74 0.51 -43.98
GLOBE___DSASP 323697	40.63 -4.35 0.00	39.45 -3.05 0.00	29.56 -2.73 0.00	28.88 -2.57 0.00	28.07 -2.81 0.00	33.58 -2.83 0.00	43.75 -4.28 0.00	34.26 -3.35 0.22	29.84 -2.83 0.00	8.82 -0.70 -0.24	-10.67 0.59 -1.42	0.74 0.49 -7.72	11.05 -0.53 -0.43	-10.23 0.39 -0.63	-5.11 0.17 -0.35	-0.69 0.02 -0.46	9.94 -0.44 2.15	22.19 -1.53 6.15	22.31 -2.36 9.09	37.06 -5.21 15.03	27.82 -4.91 17.45	22.49 -3.34 10.14	17.19 -2.32 3.90	6.09 -0.64 -0.47
GOETHSLN___LBMP 323567	47.23 2.25 0.00	45.00 2.50 0.00	34.27 1.97 0.00	33.33 1.88 0.00	32.85 1.97 0.00	38.42 2.02 0.00	50.70 2.67 0.00	40.10 2.28 0.00	35.35 2.49 -0.19	35.31 0.74 -25.30	62.67 -0.95 -76.29	390.28 -0.58 -398.32	34.06 0.73 -22.19	20.27 -0.75 -32.27	11.80 -0.40 -17.84	22.45 -0.08 -23.70	27.04 1.07 -13.44	40.93 2.56 -8.51	39.29 2.63 -2.91	70.32 4.44 -8.58	53.40 3.21 0.00	38.27 2.30 0.00	32.35 1.60 -7.35	32.53 0.43 -25.85
GOLAH___69_KV_TB 1_2 80279	43.49 -1.49 0.00	41.66 -0.83 0.00	31.41 -0.88 0.00	30.67 -0.78 0.00	29.97 -0.91 0.00	35.66 -0.74 0.00	46.81 -1.21 0.00	36.50 -1.20 0.13	31.37 -1.30 0.00	9.11 -0.37 -0.20	-11.17 0.33 -1.18	-0.20 0.27 -6.99	12.22 -0.27 -1.35	-10.06 0.20 -0.99	-4.54 0.09 -1.01	-0.12 0.01 -1.04	13.73 -0.12 -1.33	30.35 -0.45 -0.94	33.36 -0.65 -0.26	53.65 -1.53 2.13	44.01 -1.41 4.77	34.99 -0.97 0.00	22.74 -0.78 -0.12	6.40 -0.26 -0.41
GOODYEAR_LAKE_HYD 323669	46.65 1.66 0.00	44.25 1.75 0.00	33.62 1.33 0.00	32.72 1.27 0.00	32.16 1.27 0.00	37.98 1.58 0.00	51.11 3.09 0.00	39.99 2.00 -0.17	33.78 1.11 0.00	9.78 0.18 -0.32	-11.33 -0.50 -1.85	2.00 -0.09 -9.55	10.97 0.20 0.38	-11.10 -0.22 -0.37	-5.95 -0.08 0.23	-1.21 -0.01 0.03	12.27 0.43 0.69	30.66 1.23 0.43	36.80 1.98 -1.07	64.64 4.22 -3.11	60.70 3.77 -6.74	38.50 2.53 0.00	25.01 1.42 -0.19	7.23 0.32 -0.66

GOUDEY___7	44.28	42.10	31.85	31.16	30.52	36.16	47.75	37.67	31.91	9.58	-9.23	9.12	10.00	-10.50	-6.11	-1.37	11.54	30.03	35.74	66.40	67.97	38.23	24.52	7.30
345031	-0.71	-0.40	-0.44	-0.29	-0.36	-0.24	-0.27	-0.55	-0.76	-0.26	0.26	0.25	-0.23	0.23	0.11	0.02	-0.09	-0.23	-0.22	-0.17	-0.11	-0.12	-0.15	-0.08
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.40	0.00	-0.55	-3.18	-16.34	0.91	-0.51	0.59	0.22	0.90	-0.39	-2.21	-9.26	-17.89	-2.38	-1.27	-1.14
GOUDEY___8	44.28	42.10	31.85	31.16	30.52	36.16	47.75	37.67	31.91	9.58	-9.23	9.12	10.00	-10.50	-6.11	-1.37	11.54	30.03	35.74	66.40	67.97	38.23	24.52	7.30
23579	-0.71	-0.40	-0.44	-0.29	-0.36	-0.24	-0.27	-0.55	-0.76	-0.26	0.26	0.25	-0.23	0.23	0.11	0.02	-0.09	-0.23	-0.22	-0.17	-0.11	-0.12	-0.15	-0.08
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.40	0.00	-0.55	-3.18	-16.34	0.91	-0.51	0.59	0.22	0.90	-0.39	-2.21	-9.26	-17.89	-2.38	-1.27	-1.14
GOWANUS_GT1_1	47.44	45.19	34.40	33.46	32.95	38.56	50.90	40.29	35.49	33.70	62.02	390.23	34.18	20.16	11.75	22.45	27.15	41.18	39.57	70.78	53.79	38.57	32.53	32.58
24077	2.46	2.69	2.11	2.01	2.07	2.15	2.88	2.47	2.67	0.85	-1.03	-0.63	0.84	-0.87	-0.46	-0.09	1.18	2.81	2.92	4.89	3.61	2.60	1.78	0.48
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.16	-23.58	-75.72	-398.33	-22.19	-32.27	-17.84	-23.71	-13.44	-8.51	-2.91	-8.58	0.00	0.00	-7.35	-25.85
GOWANUS_GT1_2	47.44	45.19	34.40	33.46	32.95	38.56	50.90	40.29	35.49	33.70	62.02	390.23	34.18	20.16	11.75	22.45	27.15	41.18	39.57	70.78	53.79	38.57	32.53	32.58
24078	2.46	2.69	2.11	2.01	2.07	2.15	2.88	2.47	2.67	0.85	-1.03	-0.63	0.84	-0.87	-0.46	-0.09	1.18	2.81	2.92	4.89	3.61	2.60	1.78	0.48
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.16	-23.58	-75.72	-398.33	-22.19	-32.27	-17.84	-23.71	-13.44	-8.51	-2.91	-8.58	0.00	0.00	-7.35	-25.85
GOWANUS_GT1_3	47.44	45.19	34.40	33.46	32.95	38.56	50.90	40.29	35.49	33.70	62.02	390.23	34.18	20.16	11.75	22.45	27.15	41.18	39.57	70.78	53.79	38.57	32.53	32.58
24079	2.46	2.69	2.11	2.01	2.07	2.15	2.88	2.47	2.67	0.85	-1.03	-0.63	0.84	-0.87	-0.46	-0.09	1.18	2.81	2.92	4.89	3.61	2.60	1.78	0.48
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.16	-23.58	-75.72	-398.33	-22.19	-32.27	-17.84	-23.71	-13.44	-8.51	-2.91	-8.58	0.00	0.00	-7.35	-25.85
GOWANUS_GT1_4	47.44	45.19	34.40	33.46	32.95	38.56	50.90	40.29	35.49	33.70	62.02	390.23	34.18	20.16	11.75	22.45	27.15	41.18	39.57	70.78	53.79	38.57	32.53	32.58
24080	2.46	2.69	2.11	2.01	2.07	2.15	2.88	2.47	2.67	0.85	-1.03	-0.63	0.84	-0.87	-0.46	-0.09	1.18	2.81	2.92	4.89	3.61	2.60	1.78	0.48
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.16	-23.58	-75.72	-398.33	-22.19	-32.27	-17.84	-23.71	-13.44	-8.51	-2.91	-8.58	0.00	0.00	-7.35	-25.85
GOWANUS_GT1_5	47.44	45.19	34.40	33.46	32.95	38.56	50.90	40.29	35.49	33.70	62.02	390.23	34.18	20.16	11.75	22.45	27.15	41.18	39.57	70.78	53.79	38.57	32.53	32.58
24084	2.46	2.69	2.11	2.01	2.07	2.15	2.88	2.47	2.67	0.85	-1.03	-0.63	0.84	-0.87	-0.46	-0.09	1.18	2.81	2.92	4.89	3.61	2.60	1.78	0.48
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.16	-23.58	-75.72	-398.33	-22.19	-32.27	-17.84	-23.71	-13.44	-8.51	-2.91	-8.58	0.00	0.00	-7.35	-25.85
GOWANUS_GT1_6	47.44	45.19	34.40	33.46	32.95	38.56	50.90	40.29	35.49	33.70	62.02	390.23	34.18	20.16	11.75	22.45	27.15	41.18	39.57	70.78	53.79	38.57	32.53	32.58
24111	2.46	2.69	2.11	2.01	2.07	2.15	2.88	2.47	2.67	0.85	-1.03	-0.63	0.84	-0.87	-0.46	-0.09	1.18	2.81	2.92	4.89	3.61	2.60	1.78	0.48
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.16	-23.58	-75.72	-398.33	-22.19	-32.27	-17.84	-23.71	-13.44	-8.51	-2.91	-8.58	0.00	0.00	-7.35	-25.85
GOWANUS_GT1_7	47.44	45.19	34.40	33.46	32.95	38.56	50.90	40.29	35.49	33.70	62.02	390.23	34.18	20.16	11.75	22.45	27.15	41.18	39.57	70.78	53.79	38.57	32.53	32.58
24112	2.46	2.69	2.11	2.01	2.07	2.15	2.88	2.47	2.67	0.85	-1.03	-0.63	0.84	-0.87	-0.46	-0.09	1.18	2.81	2.92	4.89	3.61	2.60	1.78	0.48
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.16	-23.58	-75.72	-398.33	-22.19	-32.27	-17.84	-23.71	-13.44	-8.51	-2.91	-8.58	0.00	0.00	-7.35	-25.85
GOWANUS_GT1_8	47.44	45.19	34.40	33.46	32.95	38.56	50.90	40.29	35.49	33.70	62.02	390.23	34.18	20.16	11.75	22.45	27.15	41.18	39.57	70.78	53.79	38.57	32.53	32.58
24113	2.46	2.69	2.11	2.01	2.07	2.15	2.88	2.47	2.67	0.85	-1.03	-0.63	0.84	-0.87	-0.46	-0.09	1.18	2.81	2.92	4.89	3.61	2.60	1.78	0.48
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.16	-23.58	-75.72	-398.33	-22.19	-32.27	-17.84	-23.71	-13.44	-8.51	-2.91	-8.58	0.00	0.00	-7.35	-25.85
GOWANUS_GT2_1	47.44	45.18	34.40	33.46	32.95	38.56	50.90	40.30	35.50	33.71	62.04	390.24	34.16	20.13	11.73	22.44	27.15	41.17	39.57	70.79	53.81	38.56	32.54	32.58
24114	2.46	2.69	2.11	2.01	2.07	2.15	2.88	2.48	2.67	0.85	-1.00	-0.62	0.83	-0.90	-0.47	-0.09	1.18	2.80	2.91	4.91	3.62	2.59	1.79	0.48
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.16	-23.58	-75.72	-398.33	-22.19	-32.27	-17.84	-23.71	-13.44	-8.51	-2.91	-8.58	0.00	0.00	-7.35	-25.85
GOWANUS_GT2_2	47.44	45.18	34.40	33.46	32.95	38.56	50.90	40.30	35.50	33.71	62.04	390.24	34.16	20.13	11.73	22.44	27.15	41.17	39.57	70.79	53.81	38.56	32.54	32.58
24115	2.46	2.69	2.11	2.01	2.07	2.15	2.88	2.48	2.67	0.85	-1.00	-0.62	0.83	-0.90	-0.47	-0.09	1.18	2.80	2.91	4.91	3.62	2.59	1.79	0.48
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.16	-23.58	-75.72	-398.33	-22.19	-32.27	-17.84	-23.71	-13.44	-8.51	-2.91	-8.58	0.00	0.00	-7.35	-25.85
GOWANUS_GT2_3	47.44	45.18	34.40	33.46	32.95	38.56	50.90	40.30	35.50	33.71	62.04	390.24	34.16	20.13	11.73	22.44	27.15	41.17	39.57	70.79	53.81	38.56	32.54	32.58
24116	2.46	2.69	2.11	2.01	2.07	2.15	2.88	2.48	2.67	0.85	-1.00	-0.62	0.83	-0.90	-0.47	-0.09	1.18	2.80	2.91	4.91	3.62	2.59	1.79	0.48
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.16	-23.58	-75.72	-398.33	-22.19	-32.27	-17.84	-23.71	-13.44	-8.51	-2.91	-8.58	0.00	0.00	-7.35	-25.85
GOWANUS_GT2_4	47.44	45.18	34.40	33.46	32.95	38.56	50.90	40.30	35.50	33.71	62.04	390.24	34.16	20.13	11.73	22.44	27.15	41.17	39.57	70.79	53.81	38.56	32.54	32.58
24117	2.46	2.69	2.11	2.01	2.07	2.15	2.88	2.48	2.67	0.85	-1.00	-0.62	0.83	-0.90	-0.47	-0.09	1.18	2.80	2.91	4.91	3.62	2.59	1.79	0.48
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.16	-23.58	-75.72	-398.33	-22.19	-32.27	-17.84	-23.71	-13.44	-8.51	-2.91	-8.58	0.00	0.00	-7.35	-25.85

GOWANUS_GT2_5 24118	47.44	45.18	34.40	33.46	32.95	38.56	50.90	40.30	35.50	33.71	62.04	390.24	34.16	20.13	11.73	22.44	27.15	41.17	39.57	70.79	53.81	38.56	32.54	32.58
	2.46	2.69	2.11	2.01	2.07	2.15	2.88	2.48	2.67	0.85	-1.00	-0.62	0.83	-0.90	-0.47	-0.09	1.18	2.80	2.91	4.91	3.62	2.59	1.79	0.48
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.16	-23.58	-75.72	-398.33	-22.19	-32.27	-17.84	-23.71	-13.44	-8.51	-2.91	-8.58	0.00	0.00	-7.35
GOWANUS_GT2_6 24119	47.44	45.18	34.40	33.46	32.95	38.56	50.90	40.30	35.50	33.71	62.04	390.24	34.16	20.13	11.73	22.44	27.15	41.17	39.57	70.79	53.81	38.56	32.54	32.58
	2.46	2.69	2.11	2.01	2.07	2.15	2.88	2.48	2.67	0.85	-1.00	-0.62	0.83	-0.90	-0.47	-0.09	1.18	2.80	2.91	4.91	3.62	2.59	1.79	0.48
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.16	-23.58	-75.72	-398.33	-22.19	-32.27	-17.84	-23.71	-13.44	-8.51	-2.91	-8.58	0.00	0.00	-7.35
GOWANUS_GT2_7 24120	47.44	45.18	34.40	33.46	32.95	38.56	50.90	40.30	35.50	33.71	62.04	390.24	34.16	20.13	11.73	22.44	27.15	41.17	39.57	70.79	53.81	38.56	32.54	32.58
	2.46	2.69	2.11	2.01	2.07	2.15	2.88	2.48	2.67	0.85	-1.00	-0.62	0.83	-0.90	-0.47	-0.09	1.18	2.80	2.91	4.91	3.62	2.59	1.79	0.48
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.16	-23.58	-75.72	-398.33	-22.19	-32.27	-17.84	-23.71	-13.44	-8.51	-2.91	-8.58	0.00	0.00	-7.35
GOWANUS_GT2_8 24121	47.44	45.18	34.40	33.46	32.95	38.56	50.90	40.30	35.50	33.71	62.04	390.24	34.16	20.13	11.73	22.44	27.15	41.17	39.57	70.79	53.81	38.56	32.54	32.58
	2.46	2.69	2.11	2.01	2.07	2.15	2.88	2.48	2.67	0.85	-1.00	-0.62	0.83	-0.90	-0.47	-0.09	1.18	2.80	2.91	4.91	3.62	2.59	1.79	0.48
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.16	-23.58	-75.72	-398.33	-22.19	-32.27	-17.84	-23.71	-13.44	-8.51	-2.91	-8.58	0.00	0.00	-7.35
GOWANUS_GT3_1 24122	47.44	45.18	34.40	33.46	32.95	38.56	50.90	40.30	35.50	33.71	62.04	390.24	34.16	20.13	11.73	22.44	27.15	41.17	39.57	70.79	53.81	38.56	32.54	32.58
	2.46	2.69	2.11	2.01	2.07	2.15	2.88	2.48	2.67	0.85	-1.00	-0.62	0.83	-0.90	-0.47	-0.09	1.18	2.80	2.91	4.91	3.62	2.59	1.79	0.48
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.16	-23.58	-75.72	-398.33	-22.19	-32.27	-17.84	-23.71	-13.44	-8.51	-2.91	-8.58	0.00	0.00	-7.35
GOWANUS_GT3_2 24123	47.44	45.18	34.40	33.46	32.95	38.56	50.90	40.30	35.50	33.71	62.04	390.24	34.16	20.13	11.73	22.44	27.15	41.17	39.57	70.79	53.81	38.56	32.54	32.58
	2.46	2.69	2.11	2.01	2.07	2.15	2.88	2.48	2.67	0.85	-1.00	-0.62	0.83	-0.90	-0.47	-0.09	1.18	2.80	2.91	4.91	3.62	2.59	1.79	0.48
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.16	-23.58	-75.72	-398.33	-22.19	-32.27	-17.84	-23.71	-13.44	-8.51	-2.91	-8.58	0.00	0.00	-7.35
GOWANUS_GT3_3 24124	47.44	45.18	34.40	33.46	32.95	38.56	50.90	40.30	35.50	33.71	62.04	390.24	34.16	20.13	11.73	22.44	27.15	41.17	39.57	70.79	53.81	38.56	32.54	32.58
	2.46	2.69	2.11	2.01	2.07	2.15	2.88	2.48	2.67	0.85	-1.00	-0.62	0.83	-0.90	-0.47	-0.09	1.18	2.80	2.91	4.91	3.62	2.59	1.79	0.48
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.16	-23.58	-75.72	-398.33	-22.19	-32.27	-17.84	-23.71	-13.44	-8.51	-2.91	-8.58	0.00	0.00	-7.35
GOWANUS_GT3_4 24125	47.44	45.18	34.40	33.46	32.95	38.56	50.90	40.30	35.50	33.71	62.04	390.24	34.16	20.13	11.73	22.44	27.15	41.17	39.57	70.79	53.81	38.56	32.54	32.58
	2.46	2.69	2.11	2.01	2.07	2.15	2.88	2.48	2.67	0.85	-1.00	-0.62	0.83	-0.90	-0.47	-0.09	1.18	2.80	2.91	4.91	3.62	2.59	1.79	0.48
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.16	-23.58	-75.72	-398.33	-22.19	-32.27	-17.84	-23.71	-13.44	-8.51	-2.91	-8.58	0.00	0.00	-7.35
GOWANUS_GT3_5 24126	47.44	45.18	34.40	33.46	32.95	38.56	50.90	40.30	35.50	33.71	62.04	390.24	34.16	20.13	11.73	22.44	27.15	41.17	39.57	70.79	53.81	38.56	32.54	32.58
	2.46	2.69	2.11	2.01	2.07	2.15	2.88	2.48	2.67	0.85	-1.00	-0.62	0.83	-0.90	-0.47	-0.09	1.18	2.80	2.91	4.91	3.62	2.59	1.79	0.48
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.16	-23.58	-75.72	-398.33	-22.19	-32.27	-17.84	-23.71	-13.44	-8.51	-2.91	-8.58	0.00	0.00	-7.35
GOWANUS_GT3_6 24127	47.44	45.18	34.40	33.46	32.95	38.56	50.90	40.30	35.50	33.71	62.04	390.24	34.16	20.13	11.73	22.44	27.15	41.17	39.57	70.79	53.81	38.56	32.54	32.58
	2.46	2.69	2.11	2.01	2.07	2.15	2.88	2.48	2.67	0.85	-1.00	-0.62	0.83	-0.90	-0.47	-0.09	1.18	2.80	2.91	4.91	3.62	2.59	1.79	0.48
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.16	-23.58	-75.72	-398.33	-22.19	-32.27	-17.84	-23.71	-13.44	-8.51	-2.91	-8.58	0.00	0.00	-7.35
GOWANUS_GT3_7 24128	47.44	45.18	34.40	33.46	32.95	38.56	50.90	40.30	35.50	33.71	62.04	390.24	34.16	20.13	11.73	22.44	27.15	41.17	39.57	70.79	53.81	38.56	32.54	32.58
	2.46	2.69	2.11	2.01	2.07	2.15	2.88	2.48	2.67	0.85	-1.00	-0.62	0.83	-0.90	-0.47	-0.09	1.18	2.80	2.91	4.91	3.62	2.59	1.79	0.48
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.16	-23.58	-75.72	-398.33	-22.19	-32.27	-17.84	-23.71	-13.44	-8.51	-2.91	-8.58	0.00	0.00	-7.35
GOWANUS_GT3_8 24129	47.44	45.18	34.40	33.46	32.95	38.56	50.90	40.30	35.50	33.71	62.04	390.24	34.16	20.13	11.73	22.44	27.15	41.17	39.57	70.79	53.81	38.56	32.54	32.58
	2.46	2.69	2.11	2.01	2.07	2.15	2.88	2.48	2.67	0.85	-1.00	-0.62	0.83	-0.90	-0.47	-0.09	1.18	2.80	2.91	4.91	3.62	2.59	1.79	0.48
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.16	-23.58	-75.72	-398.33	-22.19	-32.27	-17.84	-23.71	-13.44	-8.51	-2.91	-8.58	0.00	0.00	-7.35
GOWANUS_GT4_1 24130	47.44	45.19	34.40	33.46	32.95	38.56	50.90	40.29	35.49	33.70	62.02	390.23	34.18	20.16	11.75	22.45	27.15	41.18	39.57	70.78	53.79	38.57	32.53	32.58
	2.46	2.69	2.11	2.01	2.07	2.15	2.88	2.47	2.67	0.85	-1.03	-0.63	0.84	-0.87	-0.46	-0.09	1.18	2.81	2.92	4.89	3.61	2.60	1.78	0.48
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.16	-23.58	-75.72	-398.33	-22.19	-32.27	-17.84	-23.71	-13.44	-8.51	-2.91	-8.58	0.00	0.00	-7.35
GOWANUS_GT4_2 24131	47.44	45.19	34.40	33.46	32.95	38.56	50.90	40.29	35.49	33.70	62.02	390.23	34.18	20.16	11.75	22.45	27.15	41.18	39.57	70.78	53.79	38.57	32.53	32.58
	2.46	2.69	2.11	2.01	2.07	2.15	2.88	2.47	2.67	0.85	-1.03	-0.63	0.84	-0.87	-0.46	-0.09	1.18	2.81	2.92	4.89	3.61	2.60	1.78	0.48
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.16	-23.58	-75.72	-398.33	-22.19	-32.27	-17.84	-23.71	-13.44	-8.51	-2.91	-8.58	0.00	0.00	-7.35
GOWANUS_GT4_3 24132	47.44	45.19	34.40	33.46	32.95	38.56	50.90	40.29	35.49	33.70	62.02	390.23	34.18	20.16	11.75	22.45	27.15	41.18	39.57	70.78	53.79	38.57	32.53	32.58
	2.46	2.69	2.11	2.01	2.07	2.15	2.88	2.47	2.67	0.85	-1.03	-0.63	0.84	-0.87	-0.46	-0.09	1.18	2.81	2.92	4.89	3.61	2.60	1.78	0.48
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.16	-23.58	-75.72	-398.33	-22.19	-32.27	-17.84	-23.71	-13.44	-8.51	-2.91	-8.58	0.00	0.00	-7.35

GOWANUS_GT4_4 24133	47.44 2.46 0.00	45.19 2.69 0.00	34.40 2.11 0.00	33.46 2.01 0.00	32.95 2.07 0.00	38.56 2.15 0.00	50.90 2.88 0.00	40.29 2.47 0.00	35.49 2.67 -0.16	33.70 0.85 -23.58	62.02 -1.03 -75.72	390.23 -0.63 -398.33	34.18 0.84 -22.19	20.16 -0.87 -32.27	11.75 -0.46 -17.84	22.45 -0.09 -23.71	27.15 1.18 -13.44	41.18 2.81 -8.51	39.57 2.92 -2.91	70.78 4.89 -8.58	53.79 3.61 0.00	38.57 2.60 0.00	32.53 1.78 -7.35	32.58 0.48 -25.85
GOWANUS_GT4_5 24134	47.44 2.46 0.00	45.19 2.69 0.00	34.40 2.11 0.00	33.46 2.01 0.00	32.95 2.07 0.00	38.56 2.15 0.00	50.90 2.88 0.00	40.29 2.47 0.00	35.49 2.67 -0.16	33.70 0.85 -23.58	62.02 -1.03 -75.72	390.23 -0.63 -398.33	34.18 0.84 -22.19	20.16 -0.87 -32.27	11.75 -0.46 -17.84	22.45 -0.09 -23.71	27.15 1.18 -13.44	41.18 2.81 -8.51	39.57 2.92 -2.91	70.78 4.89 -8.58	53.79 3.61 0.00	38.57 2.60 0.00	32.53 1.78 -7.35	32.58 0.48 -25.85
GOWANUS_GT4_6 24135	47.44 2.46 0.00	45.19 2.69 0.00	34.40 2.11 0.00	33.46 2.01 0.00	32.95 2.07 0.00	38.56 2.15 0.00	50.90 2.88 0.00	40.29 2.47 0.00	35.49 2.67 -0.16	33.70 0.85 -23.58	62.02 -1.03 -75.72	390.23 -0.63 -398.33	34.18 0.84 -22.19	20.16 -0.87 -32.27	11.75 -0.46 -17.84	22.45 -0.09 -23.71	27.15 1.18 -13.44	41.18 2.81 -8.51	39.57 2.92 -2.91	70.78 4.89 -8.58	53.79 3.61 0.00	38.57 2.60 0.00	32.53 1.78 -7.35	32.58 0.48 -25.85
GOWANUS_GT4_7 24136	47.44 2.46 0.00	45.19 2.69 0.00	34.40 2.11 0.00	33.46 2.01 0.00	32.95 2.07 0.00	38.56 2.15 0.00	50.90 2.88 0.00	40.29 2.47 0.00	35.49 2.67 -0.16	33.70 0.85 -23.58	62.02 -1.03 -75.72	390.23 -0.63 -398.33	34.18 0.84 -22.19	20.16 -0.87 -32.27	11.75 -0.46 -17.84	22.45 -0.09 -23.71	27.15 1.18 -13.44	41.18 2.81 -8.51	39.57 2.92 -2.91	70.78 4.89 -8.58	53.79 3.61 0.00	38.57 2.60 0.00	32.53 1.78 -7.35	32.58 0.48 -25.85
GOWANUS_GT4_8 24137	47.44 2.46 0.00	45.19 2.69 0.00	34.40 2.11 0.00	33.46 2.01 0.00	32.95 2.07 0.00	38.56 2.15 0.00	50.90 2.88 0.00	40.29 2.47 0.00	35.49 2.67 -0.16	33.70 0.85 -23.58	62.02 -1.03 -75.72	390.23 -0.63 -398.33	34.18 0.84 -22.19	20.16 -0.87 -32.27	11.75 -0.46 -17.84	22.45 -0.09 -23.71	27.15 1.18 -13.44	41.18 2.81 -8.51	39.57 2.92 -2.91	70.78 4.89 -8.58	53.79 3.61 0.00	38.57 2.60 0.00	32.53 1.78 -7.35	32.58 0.48 -25.85
GREENBSH_115KV_TB3 55895	45.76 0.78 0.00	43.41 0.91 0.00	33.14 0.85 0.00	32.27 0.82 0.00	31.74 0.86 0.00	37.29 0.88 0.00	49.11 1.08 0.00	38.72 0.89 0.00	33.58 0.91 0.00	23.44 0.29 -13.88	67.40 -0.36 -80.43	431.90 -0.22 -439.59	36.01 0.38 -24.49	24.00 -0.37 -35.62	13.86 -0.19 -19.68	24.95 -0.04 -26.16	27.77 0.41 -14.83	40.22 0.96 -9.39	38.06 1.07 -3.25	68.50 1.73 -9.47	51.57 1.38 0.00	37.01 1.05 0.00	32.30 0.79 -8.11	35.03 0.26 -28.52
GREENDGE_115KV_TB5 80291	43.57 -1.41 0.00	41.57 -0.93 0.00	31.32 -0.97 0.00	30.75 -0.70 0.00	30.05 -0.83 0.00	35.77 -0.63 0.00	46.90 -1.12 0.00	36.10 -1.40 0.32	31.08 -1.59 0.00	9.11 -0.49 -0.32	-10.15 0.62 -1.90	5.41 0.50 -12.37	14.63 -0.50 -3.98	-8.28 0.51 -2.47	-2.42 0.26 -2.95	1.76 0.04 -2.89	21.09 -0.36 -8.92	44.39 -0.92 -15.44	51.37 -1.04 -18.66	71.63 -1.83 -16.15	56.22 -1.55 -7.58	55.10 -1.01 -20.14	30.89 -0.69 -8.19	6.64 -0.25 -0.65
GREENIDGE___3 23582	43.57 -1.41 0.00	41.57 -0.93 0.00	31.32 -0.97 0.00	30.75 -0.70 0.00	30.05 -0.83 0.00	35.77 -0.63 0.00	46.90 -1.12 0.00	36.10 -1.40 0.32	31.08 -1.59 0.00	9.11 -0.49 -0.32	-10.15 0.62 -1.90	5.41 0.50 -12.37	14.63 -0.50 -3.98	-8.28 0.51 -2.47	-2.42 0.26 -2.95	1.76 0.04 -2.89	21.09 -0.36 -8.92	44.39 -0.92 -15.44	51.37 -1.04 -18.66	71.63 -1.83 -16.15	56.22 -1.55 -7.58	55.10 -1.01 -20.14	30.89 -0.69 -8.19	6.64 -0.25 -0.65
GREENIDGE___4 23583	43.57 -1.42 0.00	41.57 -0.93 0.00	31.32 -0.97 0.00	30.76 -0.70 0.00	30.06 -0.83 0.00	35.77 -0.63 0.00	46.91 -1.12 0.00	36.09 -1.41 0.32	31.08 -1.59 0.00	9.10 -0.49 -0.32	-10.14 0.62 -1.90	5.45 0.54 -12.37	14.66 -0.47 -3.98	-8.22 0.56 -2.47	-2.41 0.28 -2.95	1.77 0.04 -2.89	21.08 -0.37 -8.92	44.35 -0.96 -15.44	51.34 -1.07 -18.66	71.57 -1.88 -16.15	56.13 -1.64 -7.58	55.09 -1.02 -20.14	30.89 -0.70 -8.19	6.65 -0.26 -0.65
GREENLWN_69_KV_BK 3 55738	55.21 2.35 -7.88	46.82 2.64 -1.69	42.13 2.10 -7.74	38.74 2.03 -5.26	55.20 2.14 -22.19	55.09 2.22 -16.47	52.58 2.80 -1.76	55.41 2.39 -15.20	40.11 2.50 -4.94	23.75 0.70 -13.78	59.80 -0.73 -73.21	121.45 -0.30 -129.22	47.30 0.76 -35.39	20.97 -0.79 -33.01	25.85 -0.44 -31.93	23.43 -0.08 -24.69	46.50 1.07 -32.90	59.29 2.45 -26.98	71.98 2.46 -35.77	92.15 4.10 -30.74	108.06 3.13 -54.75	81.82 2.30 -43.56	61.76 1.60 -36.75	51.11 0.46 -44.39
GREENWD_138_KV_38B11_REV_LBMP_J 345004	47.44 2.46 0.00	45.19 2.69 0.00	34.40 2.11 0.00	33.46 2.01 0.00	32.95 2.07 0.00	38.56 2.15 0.00	50.90 2.88 0.00	40.29 2.47 0.00	35.49 2.67 -0.16	33.70 0.85 -23.58	62.02 -1.03 -75.72	390.23 -0.63 -398.33	34.18 0.84 -22.19	20.16 -0.87 -32.27	11.75 -0.46 -17.84	22.45 -0.09 -23.71	27.15 1.18 -13.44	41.18 2.81 -8.51	39.57 2.92 -2.91	70.78 4.89 -8.58	53.79 3.61 0.00	38.57 2.60 0.00	32.53 1.78 -7.35	32.58 0.48 -25.85
GRISSOM___SOLAR 323813	47.10 2.11 0.00	44.59 2.10 0.00	33.88 1.59 0.00	32.97 1.52 0.00	32.38 1.50 0.00	38.21 1.80 0.00	50.53 2.50 0.00	39.51 1.69 0.00	33.46 0.79 0.00	23.81 0.06 -14.47	70.88 -0.29 -83.83	450.62 -0.11 -458.19	36.80 0.13 -25.52	25.78 -0.09 -37.12	14.90 0.02 -20.52	26.11 0.01 -27.27	27.88 -0.10 -15.45	39.74 0.08 -9.80	38.35 1.09 -3.51	70.35 3.18 -9.87	53.20 3.01 0.00	38.11 2.14 0.00	33.18 1.33 -8.45	36.31 0.33 -29.73
GROVEVILLE___HYD 323602	47.35 2.36 0.00	45.05 2.55 0.00	34.30 2.00 0.00	33.38 1.93 0.00	32.89 2.01 0.00	38.55 2.14 0.00	50.83 2.81 0.00	40.10 2.28 0.00	34.95 2.27 0.00	22.57 0.67 -12.61	59.54 -0.88 -73.10	391.55 -0.53 -399.54	34.17 0.77 -22.26	20.34 -0.78 -32.37	11.85 -0.41 -17.89	22.52 -0.08 -23.78	27.04 1.04 -13.48	40.94 2.54 -8.54	39.45 2.78 -2.92	70.60 4.70 -8.60	53.86 3.68 0.00	38.56 2.60 0.00	32.51 1.74 -7.37	32.64 0.46 -25.92
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	44.40 -0.58 0.00	42.09 -0.41 0.00	31.92 -0.37 0.00	31.15 -0.30 0.00	30.57 -0.31 0.00	36.13 -0.27 0.00	47.70 -0.33 0.00	37.37 -0.45 0.00	32.08 -0.59 0.00	9.27 -0.18 -0.18	-11.41 0.22 -1.04	-1.62 0.17 -5.67	11.27 -0.19 -0.32	-10.60 0.19 -0.46	-5.29 0.09 -0.25	-0.82 0.02 -0.34	12.63 -0.09 -0.19	29.75 -0.24 -0.12	33.60 -0.25 -0.10	57.05 -0.37 -0.12	49.89 -0.30 0.00	35.74 -0.22 0.00	23.30 -0.20 -0.10	6.55 -0.08 -0.37
HAMLTNNY_34_KV_TB 80303	44.41 -0.58 0.00	42.11 -0.38 0.00	31.92 -0.37 0.00	31.16 -0.29 0.00	30.59 -0.29 0.00	36.18 -0.23 0.00	47.72 -0.31 0.00	37.37 -0.45 0.00	32.03 -0.65 0.00	9.26 -0.20 -0.19	-11.32 0.26 -1.10	-1.27 0.19 -6.00	11.26 -0.22 -0.33	-10.55 0.21 -0.49	-5.27 0.09 -0.27	-0.80 0.01 -0.36	12.63 -0.10 -0.20	29.78 -0.22 -0.13	33.60 -0.24 -0.08	57.10 -0.34 -0.13	49.95 -0.24 0.00	35.78 -0.18 0.00	23.32 -0.19 -0.11	6.56 -0.08 -0.39

HAMPSHIRE___PAPER_HYD 323593	43.49 -1.50 0.00	41.14 -1.36 0.00	31.27 -1.03 0.00	30.46 -1.00 0.00	29.74 -1.14 0.00	35.21 -1.20 0.00	46.37 -1.65 0.00	36.62 -1.21 0.00	31.25 -1.42 0.00	8.78 -0.49 0.00	-11.90 0.77 0.00	-7.13 0.34 0.00	10.41 -0.73 0.00	-10.45 0.80 0.00	-5.18 0.45 0.00	-12.47 0.11 11.41	11.41 -1.12 0.00	27.39 -2.47 0.00	31.50 -2.25 0.00	54.03 -3.27 0.00	48.17 -2.01 0.00	34.29 -1.68 0.00	22.14 -1.26 0.00	5.93 -0.32 0.00
HARDSCRABBLE_WT_PWR 323673	46.05 1.07 0.00	43.76 1.26 0.00	33.37 1.07 0.00	32.53 1.08 0.00	31.97 1.09 0.00	37.62 1.22 0.00	49.56 1.53 0.00	38.97 1.15 0.00	33.33 0.66 0.00	9.33 0.06 0.00	-12.97 -0.30 0.00	-7.63 -0.17 0.00	11.25 0.10 0.00	-11.34 -0.09 0.00	-5.54 0.09 0.00	0.10 0.03 -1.25	12.19 -0.34 0.00	29.57 -0.29 0.00	34.32 0.57 0.00	59.51 2.20 0.00	51.80 1.61 0.00	37.53 1.56 0.00	24.50 1.10 0.00	6.55 0.30 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	47.12 2.14 0.00	44.87 2.37 0.00	34.14 1.85 0.00	33.22 1.77 0.00	32.73 1.85 0.00	38.38 1.98 0.00	50.60 2.58 0.00	39.92 2.10 0.00	34.80 2.13 0.00	22.16 0.63 -12.25	57.54 -0.81 -71.02	380.23 -0.49 -388.19	33.49 0.72 -21.62	19.45 -0.75 -31.45	11.35 -0.39 -17.38	21.85 -0.08 -23.10	26.64 1.01 -13.09	40.60 2.44 -8.29	39.19 2.61 -2.83	70.09 4.43 -8.36	53.64 3.45 0.00	38.40 2.43 0.00	32.23 1.66 -7.16	31.88 0.44 -25.19
HARSNRAD_115KV_TB1 81005	41.29 -3.70 0.00	40.03 -2.46 0.00	30.01 -2.28 0.00	29.34 -2.12 0.00	28.54 -2.34 0.00	34.13 -2.27 0.00	44.47 -3.55 0.00	34.76 -2.85 0.21	30.17 -2.51 0.00	8.86 -0.66 -0.24	-10.77 0.51 -1.39	0.57 0.45 -7.58	11.08 -0.49 -0.42	-10.31 0.32 -0.62	-5.15 0.15 -0.34	-0.70 0.01 -0.45	10.01 -0.35 2.16	22.49 -1.19 6.18	22.82 -1.80 9.13	38.32 -3.99 14.99	29.25 -3.63 17.30	23.33 -2.45 10.19	17.70 -1.79 3.92	6.17 -0.55 -0.47
HARZA MOOSE___RIVER 24016	44.70 -0.28 0.00	42.39 -0.10 0.00	32.26 -0.03 0.00	31.49 0.03 0.00	30.76 -0.12 0.00	36.38 -0.03 0.00	47.97 -0.06 0.00	37.70 -0.12 0.00	32.10 -0.57 0.00	9.01 -0.27 0.00	-12.23 0.44 0.00	-7.29 0.17 0.00	10.74 -0.41 0.00	-10.79 0.46 0.00	-5.34 0.29 0.00	-1.10 0.07 0.00	11.93 -0.60 0.00	28.63 -1.23 0.00	33.15 -0.65 -0.04	56.72 -0.58 0.00	50.33 0.14 0.00	35.78 -0.18 0.00	23.03 -0.37 0.00	6.14 -0.12 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	44.17 -0.82 0.00	41.87 -0.63 0.00	31.76 -0.53 0.00	30.99 -0.46 0.00	30.39 -0.49 0.00	35.91 -0.49 0.00	47.41 -0.61 0.00	37.19 -0.63 0.00	31.96 -0.71 0.00	9.06 -0.21 0.00	-12.42 0.25 0.00	-7.28 0.19 0.00	10.93 -0.22 0.00	-11.04 0.21 0.00	-5.53 0.10 0.00	-1.15 0.02 0.00	12.40 -0.14 0.00	29.49 -0.38 0.00	33.43 -0.41 -0.09	56.62 -0.68 0.00	49.57 -0.61 0.00	35.53 -0.44 0.00	23.07 -0.33 0.00	6.14 -0.11 0.00
HELLGATE_13_KV_LD 55870	47.44 2.45 0.00	45.19 2.69 0.00	34.43 2.13 0.00	33.49 2.03 0.00	32.99 2.11 0.00	38.57 2.16 0.00	50.91 2.89 0.00	40.33 2.51 0.00	35.57 2.74 -0.16	33.70 0.84 -23.58	62.00 -1.05 -75.72	390.22 -0.64 -398.33	34.20 0.86 -22.19	20.14 -0.88 -32.27	11.74 -0.47 -17.84	22.44 -0.09 -23.71	27.18 1.22 -13.44	41.24 2.87 -8.51	39.61 2.95 -2.91	70.81 4.93 -8.58	53.79 3.61 0.00	38.58 2.61 0.00	32.53 1.78 -7.35	32.58 0.48 -25.85
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	47.44 2.45 0.00	45.19 2.69 0.00	34.43 2.13 0.00	33.49 2.03 0.00	32.99 2.11 0.00	38.57 2.16 0.00	50.91 2.89 0.00	40.33 2.51 0.00	35.57 2.74 -0.16	33.70 0.84 -23.58	62.00 -1.05 -75.72	390.22 -0.64 -398.33	34.20 0.86 -22.19	20.14 -0.88 -32.27	11.74 -0.47 -17.84	22.44 -0.09 -23.71	27.18 1.22 -13.44	41.24 2.87 -8.51	39.61 2.95 -2.91	70.81 4.93 -8.58	53.79 3.61 0.00	38.58 2.61 0.00	32.53 1.78 -7.35	32.58 0.48 -25.85
HEMPSTEAD___ 23647	58.71 2.70 -11.03	47.80 2.94 -2.36	45.46 2.33 -10.83	41.07 2.25 -7.37	64.29 2.34 -31.07	61.95 2.48 -23.06	53.67 3.17 -2.47	61.79 2.68 -21.29	42.31 2.73 -6.91	23.83 0.77 -13.78	59.66 -0.87 -73.21	199.87 -0.43 -207.77	52.43 0.86 -40.43	21.15 -0.91 -33.31	31.44 -0.50 -37.57	23.81 -0.10 -25.08	54.42 1.21 -40.69	67.07 2.84 -34.37	85.64 2.96 -48.92	101.87 4.96 -39.60	130.68 3.86 -76.63	99.24 2.78 -60.50	73.71 1.90 -48.41	57.82 0.50 -51.07
HICKLING___1 23621	42.92 -2.06 0.00	41.06 -1.44 0.00	30.85 -1.44 0.00	30.51 -0.94 0.00	29.73 -1.15 0.00	35.49 -0.91 0.00	46.34 -1.69 0.00	35.27 -2.00 0.55	30.76 -1.91 0.00	9.11 -0.55 -0.38	-9.92 0.64 -2.11	1.69 0.59 -8.56	6.08 -0.42 4.64	-12.27 0.56 1.58	-8.70 0.29 3.35	-3.97 0.04 2.84	8.39 -0.35 3.79	29.37 -0.87 -0.37	37.63 -1.25 -5.12	51.44 -2.11 3.75	34.99 -1.94 13.27	42.74 -1.30 -8.07	25.96 -0.87 -3.43	6.69 -0.33 -0.77
HICKLING___2 23622	42.92 -2.06 0.00	41.06 -1.44 0.00	30.85 -1.44 0.00	30.51 -0.94 0.00	29.73 -1.15 0.00	35.49 -0.91 0.00	46.34 -1.69 0.00	35.27 -2.00 0.55	30.76 -1.91 0.00	9.11 -0.55 -0.38	-9.92 0.64 -2.11	1.69 0.59 -8.56	6.08 -0.42 4.64	-12.27 0.56 1.58	-8.70 0.29 3.35	-3.97 0.04 2.84	8.39 -0.35 3.79	29.37 -0.87 -0.37	37.63 -1.25 -5.12	51.44 -2.11 3.75	34.99 -1.94 13.27	42.74 -1.30 -8.07	25.96 -0.87 -3.43	6.69 -0.33 -0.77
HIGH FALLS___HY 23754	47.31 2.33 0.00	45.01 2.51 0.00	34.24 1.94 0.00	33.33 1.88 0.00	32.84 1.96 0.00	38.52 2.12 0.00	50.81 2.78 0.00	40.08 2.26 0.00	34.86 2.19 0.00	22.33 0.63 -12.42	58.51 -0.78 -71.96	385.30 -0.53 -393.29	33.79 0.74 -21.91	19.89 -0.72 -31.86	11.61 -0.37 -17.61	22.16 -0.08 -23.40	26.74 0.95 -13.27	40.63 2.36 -8.40	39.40 2.77 -2.88	70.53 4.75 -8.47	53.95 3.76 0.00	38.59 2.63 0.00	32.41 1.75 -7.25	32.22 0.45 -25.52
HIGH_RIVER___SOLAR 323847	46.60 1.62 0.00	44.15 1.66 0.00	33.57 1.28 0.00	32.69 1.23 0.00	32.13 1.24 0.00	37.84 1.43 0.00	49.96 1.93 0.00	39.19 1.37 0.00	33.61 0.94 0.00	23.76 0.16 -14.32	69.95 -0.36 -82.99	445.95 -0.18 -453.59	36.62 0.20 -25.27	25.30 -0.20 -36.75	14.61 -0.07 -20.31	25.81 -0.02 -26.99	27.94 0.11 -15.30	40.08 0.52 -9.70	38.29 1.12 -3.42	69.63 2.56 -9.77	52.51 2.32 0.00	37.63 1.67 0.00	32.84 1.08 -8.36	35.96 0.27 -29.43
HILLBURN___GT 23639	47.04 2.05 0.00	44.81 2.32 0.00	34.10 1.81 0.00	33.18 1.73 0.00	32.71 1.83 0.00	38.33 1.93 0.00	50.57 2.55 0.00	39.88 2.06 0.00	34.81 2.14 0.00	22.24 0.64 -12.33	57.96 -0.81 -71.45	382.57 -0.47 -390.51	33.58 0.68 -21.75	19.61 -0.77 -31.64	11.45 -0.41 -17.49	21.99 -0.08 -23.24	26.72 1.02 -13.17	40.64 2.43 -8.34	39.15 2.55 -2.85	70.05 4.34 -8.41	53.54 3.35 0.00	38.32 2.35 0.00	32.24 1.64 -7.20	32.02 0.43 -25.34
HILLSIDE_115KV_TB1 80332	42.38 -2.61 0.00	40.53 -1.97 0.00	30.48 -1.81 0.00	30.20 -1.26 0.00	29.41 -1.47 0.00	35.11 -1.30 0.00	45.85 -2.17 0.00	34.82 -2.37 0.63	30.54 -2.13 0.00	9.06 -0.61 -0.39	-9.77 0.70 -2.21	3.02 0.64 -9.84	7.48 -0.41 3.25	-11.52 0.62 0.89	-7.64 0.31 2.32	-3.02 0.05 1.90	9.76 -0.37 2.39	30.01 -0.95 -1.09	36.91 -1.43 -4.59	49.16 -2.49 5.66	30.19 -2.33 17.67	40.85 -1.57 -6.44	25.14 -1.04 -2.79	6.67 -0.38 -0.79

HISHELDN_WT_PWR 323625	41.79 -3.20 0.00	40.33 -2.17 0.00	30.21 -2.09 0.00	29.62 -1.83 0.00	28.83 -2.05 0.00	34.48 -1.92 0.00	44.91 -3.11 0.00	34.78 -2.76 0.28	30.17 -2.50 0.00	8.87 -0.68 -0.28	-10.75 0.71 -1.22	-5.64 0.63 -1.20	-6.11 -0.64 16.62	-14.29 0.63 3.66	-13.23 0.31 7.90	-12.10 0.05 10.97	-12.66 -0.66 24.52	-9.61 -1.81 37.66	-4.38 -2.45 35.68	2.34 -4.62 50.34	0.58 -3.94 45.66	-2.81 -2.65 36.12	7.42 -1.79 14.20	6.24 -0.56 -0.55
HOLTSVILLE_IC_1 23690	55.23 2.57 -7.67	46.97 2.83 -1.64	42.06 2.23 -7.54	38.75 2.18 -5.13	54.80 2.30 -21.62	54.86 2.41 -16.05	52.76 3.02 -1.72	55.29 2.66 -14.81	40.19 2.70 -4.81	23.80 0.74 -13.78	59.80 -0.74 -73.21	116.54 -0.22 -124.23	46.99 0.78 -35.07	20.89 -0.86 -33.00	25.46 -0.48 -31.57	23.40 -0.09 -24.66	46.06 1.13 -32.40	59.05 2.68 -26.50	71.48 2.80 -34.92	92.19 4.71 -30.18	107.34 3.81 -53.35	81.26 2.82 -42.47	61.37 1.97 -36.00	50.72 0.51 -43.95
HOLTSVILLE_IC_10 23699	55.47 2.75 -7.73	47.14 2.98 -1.66	42.24 2.35 -7.59	38.91 2.29 -5.17	55.07 2.41 -21.78	55.12 2.55 -16.17	52.94 3.18 -1.73	55.56 2.82 -14.92	40.36 2.84 -4.85	23.83 0.77 -13.78	59.76 -0.77 -73.21	117.90 -0.22 -125.58	47.13 0.82 -35.16	20.85 -0.90 -33.00	25.54 -0.50 -31.67	23.40 -0.09 -24.67	46.24 1.17 -32.54	59.31 2.81 -26.64	71.90 2.99 -35.17	92.68 5.03 -30.34	108.05 4.11 -53.75	81.79 3.03 -42.79	61.72 2.10 -36.22	50.87 0.54 -44.08
HOLTSVILLE_IC_2 23691	55.23 2.57 -7.67	46.97 2.83 -1.64	42.06 2.23 -7.54	38.75 2.18 -5.13	54.80 2.30 -21.62	54.86 2.41 -16.05	52.76 3.02 -1.72	55.29 2.66 -14.81	40.19 2.70 -4.81	23.80 0.74 -13.78	59.80 -0.74 -73.21	116.54 -0.22 -124.23	46.99 0.78 -35.07	20.89 -0.86 -33.00	25.46 -0.48 -31.57	23.40 -0.09 -24.66	46.06 1.13 -32.40	59.05 2.68 -26.50	71.48 2.80 -34.92	92.19 4.71 -30.18	107.34 3.81 -53.35	81.26 2.82 -42.47	61.37 1.97 -36.00	50.72 0.51 -43.95
HOLTSVILLE_IC_3 23692	55.23 2.57 -7.67	46.97 2.83 -1.64	42.06 2.23 -7.54	38.75 2.18 -5.13	54.80 2.30 -21.62	54.86 2.41 -16.05	52.76 3.02 -1.72	55.29 2.66 -14.81	40.19 2.70 -4.81	23.80 0.74 -13.78	59.80 -0.74 -73.21	116.54 -0.22 -124.23	46.99 0.78 -35.07	20.89 -0.86 -33.00	25.46 -0.48 -31.57	23.40 -0.09 -24.66	46.06 1.13 -32.40	59.05 2.68 -26.50	71.48 2.80 -34.92	92.19 4.71 -30.18	107.34 3.81 -53.35	81.26 2.82 -42.47	61.37 1.97 -36.00	50.72 0.51 -43.95
HOLTSVILLE_IC_4 23693	55.23 2.57 -7.67	46.97 2.83 -1.64	42.06 2.23 -7.54	38.75 2.18 -5.13	54.80 2.30 -21.62	54.86 2.41 -16.05	52.76 3.02 -1.72	55.29 2.66 -14.81	40.19 2.70 -4.81	23.80 0.74 -13.78	59.80 -0.74 -73.21	116.54 -0.22 -124.23	46.99 0.78 -35.07	20.89 -0.86 -33.00	25.46 -0.48 -31.57	23.40 -0.09 -24.66	46.06 1.13 -32.40	59.05 2.68 -26.50	71.48 2.80 -34.92	92.19 4.71 -30.18	107.34 3.81 -53.35	81.26 2.82 -42.47	61.37 1.97 -36.00	50.72 0.51 -43.95
HOLTSVILLE_IC_5 23694	55.23 2.57 -7.67	46.97 2.83 -1.64	42.06 2.23 -7.54	38.75 2.18 -5.13	54.80 2.30 -21.62	54.86 2.41 -16.05	52.76 3.02 -1.72	55.29 2.66 -14.81	40.19 2.70 -4.81	23.80 0.74 -13.78	59.80 -0.74 -73.21	116.54 -0.22 -124.23	46.99 0.78 -35.07	20.89 -0.86 -33.00	25.46 -0.48 -31.57	23.40 -0.09 -24.66	46.06 1.13 -32.40	59.05 2.68 -26.50	71.48 2.80 -34.92	92.19 4.71 -30.18	107.34 3.81 -53.35	81.26 2.82 -42.47	61.37 1.97 -36.00	50.72 0.51 -43.95
HOLTSVILLE_IC_6 23695	55.47 2.75 -7.73	47.14 2.98 -1.66	42.24 2.35 -7.59	38.91 2.29 -5.17	55.07 2.41 -21.78	55.12 2.55 -16.17	52.94 3.18 -1.73	55.56 2.82 -14.92	40.36 2.84 -4.85	23.83 0.77 -13.78	59.76 -0.77 -73.21	117.90 -0.22 -125.58	47.13 0.82 -35.16	20.85 -0.90 -33.00	25.54 -0.50 -31.67	23.40 -0.09 -24.67	46.24 1.17 -32.54	59.31 2.81 -26.64	71.90 2.99 -35.17	92.68 5.03 -30.34	108.05 4.11 -53.75	81.79 3.03 -42.79	61.72 2.10 -36.22	50.87 0.54 -44.08
HOLTSVILLE_IC_7 23696	55.47 2.75 -7.73	47.14 2.98 -1.66	42.24 2.35 -7.59	38.91 2.29 -5.17	55.07 2.41 -21.78	55.12 2.55 -16.17	52.94 3.18 -1.73	55.56 2.82 -14.92	40.36 2.84 -4.85	23.83 0.77 -13.78	59.76 -0.77 -73.21	117.90 -0.22 -125.58	47.13 0.82 -35.16	20.85 -0.90 -33.00	25.54 -0.50 -31.67	23.40 -0.09 -24.67	46.24 1.17 -32.54	59.31 2.81 -26.64	71.90 2.99 -35.17	92.68 5.03 -30.34	108.05 4.11 -53.75	81.79 3.03 -42.79	61.72 2.10 -36.22	50.87 0.54 -44.08
HOLTSVILLE_IC_8 23697	55.47 2.75 -7.73	47.14 2.98 -1.66	42.24 2.35 -7.59	38.91 2.29 -5.17	55.07 2.41 -21.78	55.12 2.55 -16.17	52.94 3.18 -1.73	55.56 2.82 -14.92	40.36 2.84 -4.85	23.83 0.77 -13.78	59.76 -0.77 -73.21	117.90 -0.22 -125.58	47.13 0.82 -35.16	20.85 -0.90 -33.00	25.54 -0.50 -31.67	23.40 -0.09 -24.67	46.24 1.17 -32.54	59.31 2.81 -26.64	71.90 2.99 -35.17	92.68 5.03 -30.34	108.05 4.11 -53.75	81.79 3.03 -42.79	61.72 2.10 -36.22	50.87 0.54 -44.08
HOLTSVILLE_IC_9 23698	55.47 2.75 -7.73	47.14 2.98 -1.66	42.24 2.35 -7.59	38.91 2.29 -5.17	55.07 2.41 -21.78	55.12 2.55 -16.17	52.94 3.18 -1.73	55.56 2.82 -14.92	40.36 2.84 -4.85	23.83 0.77 -13.78	59.76 -0.77 -73.21	117.90 -0.22 -125.58	47.13 0.82 -35.16	20.85 -0.90 -33.00	25.54 -0.50 -31.67	23.40 -0.09 -24.67	46.24 1.17 -32.54	59.31 2.81 -26.64	71.90 2.99 -35.17	92.68 5.03 -30.34	108.05 4.11 -53.75	81.79 3.03 -42.79	61.72 2.10 -36.22	50.87 0.54 -44.08
HOMER_HL_115KV_TB2 355744	42.08 -2.91 0.00	40.77 -1.72 0.00	30.57 -1.73 0.00	30.13 -1.33 0.00	29.39 -1.49 0.00	35.10 -1.30 0.00	45.84 -2.19 0.00	35.31 -2.21 0.30	30.73 -1.95 0.00	8.99 -0.57 -0.28	-10.53 0.49 -1.66	2.43 0.39 -9.50	12.03 -0.41 -1.30	-9.82 0.32 -1.11	-4.50 0.15 -0.99	-0.08 0.02 -1.07	12.94 -0.29 -0.70	28.39 -0.75 0.72	30.19 -1.34 2.23	46.78 -2.40 8.13	34.71 -2.19 13.28	31.80 -1.47 2.69	21.45 -1.03 0.91	6.40 -0.41 -0.56
HOWARD_WT_PWR 323690	42.91 -2.08 0.00	41.12 -1.38 0.00	30.73 -1.57 0.00	30.20 -1.26 0.00	29.50 -1.38 0.00	35.23 -1.18 0.00	45.87 -2.15 0.00	35.16 -2.31 0.36	30.40 -2.27 0.00	8.95 -0.66 -0.33	-9.73 0.87 -2.08	10.63 0.82 -17.27	21.20 -0.91 -10.97	-4.56 0.85 -5.84	2.93 0.51 -8.06	6.49 0.08 -7.58	33.38 -1.04 -21.88	62.07 -2.46 -34.67	70.70 -2.84 -39.79	94.86 -4.19 -41.74	74.53 -3.41 -27.76	75.81 -2.13 -41.98	38.92 -1.36 -16.87	6.40 -0.52 -0.66
HQ_GEN_CEDARS 23644	44.78 -0.20 0.00	42.20 -0.30 0.00	32.00 -0.30 0.00	31.10 -0.35 0.00	30.48 -0.40 0.00	36.05 -0.36 0.00	47.47 -0.55 0.00	37.61 -0.21 0.00	32.40 -0.27 0.00	9.18 -0.09 0.00	-12.48 0.19 0.00	-7.39 0.07 0.00	10.92 -0.22 0.00	-10.99 0.26 0.00	-5.49 0.14 0.00	-4.14 0.04 3.00	12.09 -0.44 0.00	28.90 -0.97 0.00	32.73 -1.03 0.00	55.62 -1.68 0.00	49.20 -0.98 0.00	35.25 -0.71 0.00	22.88 -0.52 0.00	6.14 -0.12 0.00
HQ_GEN_CEDARS_PROXY 323590	44.78 -0.20 0.00	42.21 -0.29 0.00	32.00 -0.30 0.00	31.10 -0.35 0.00	30.48 -0.40 0.00	36.05 -0.36 0.00	47.47 -0.55 0.00	37.61 -0.21 0.00	32.40 -0.27 0.00	8.48 -0.09 0.71	-12.48 0.19 0.00	-8.29 0.06 0.89	10.92 -0.22 0.00	-10.98 0.27 0.00	-5.49 0.15 0.00	-4.14 0.04 3.00	12.09 -0.44 0.00	27.94 -0.97 0.95	19.93 -1.03 12.79	49.43 -1.69 6.18	42.52 -0.98 6.68	35.25 -0.71 0.00	23.51 -0.53 -0.64	6.26 -0.12 -0.12

HQ_GEN_CHPE_PROXY 323851	47.22 2.24 0.00	44.98 2.48 0.00	34.26 1.96 0.00	33.33 1.88 0.00	32.83 1.95 0.00	38.42 2.02 0.00	50.67 2.65 0.00	40.11 2.28 0.00	35.35 2.51 -0.17	33.96 0.76 -23.92	62.28 -0.96 -75.92	242.59 -0.59 -250.63	32.25 0.72 -20.38	20.22 -0.80 -32.27	14.00 -0.42 -20.06	22.45 -0.08 -23.70	271.08 1.12 -257.43	53.01 2.66 -20.48	42.17 2.73 -5.69	70.48 4.60 -8.58	-163.88 3.25 217.32	26.49 2.31 11.78	26.49 1.60 -1.49	-13.04 0.42 19.72
HQ_GEN_IMPORT 323601	45.03 0.04 0.00	42.36 -0.14 0.00	32.18 -0.12 0.00	31.33 -0.13 0.00	30.73 -0.15 0.00	36.26 -0.14 0.00	47.84 -0.18 0.00	37.72 -0.10 0.00	32.57 -0.10 0.00	9.25 -0.03 0.00	-12.62 0.05 0.00	-155.13 0.02 147.69	9.28 -0.06 1.81	-11.18 0.07 0.00	-3.37 0.04 -2.22	-1.16 0.01 0.00	256.41 -0.11 -243.99	41.58 -0.26 -11.97	36.25 -0.28 -2.78	56.83 -0.47 0.00	49.87 -0.31 0.00	35.74 -0.23 0.00	23.23 -0.16 0.00	6.21 -0.04 0.00
HQ_GEN_WHEEL 23651	45.03 0.04 0.00	42.36 -0.14 0.00	32.18 -0.12 0.00	31.33 -0.13 0.00	30.73 -0.15 0.00	36.26 -0.14 0.00	47.84 -0.18 0.00	37.72 -0.10 0.00	32.57 -0.10 0.00	9.25 -0.03 0.00	-12.62 0.05 0.00	-155.13 0.02 147.69	9.28 -0.06 1.81	-11.18 0.07 0.00	-3.37 0.04 -2.22	-1.16 0.01 0.00	256.41 -0.11 -243.99	41.58 -0.26 -11.97	36.25 -0.28 -2.78	56.83 -0.47 0.00	49.87 -0.31 0.00	35.74 -0.23 0.00	23.23 -0.16 0.00	6.21 -0.04 0.00
HUDSON AVE_GT_3 23810	47.36 2.37 0.00	45.10 2.60 0.00	34.34 2.05 0.00	33.41 1.96 0.00	32.91 2.03 0.00	38.52 2.12 0.00	50.80 2.78 0.00	40.20 2.38 0.00	35.44 2.59 -0.19	35.35 0.78 -25.30	62.62 -1.00 -76.29	390.25 -0.61 -398.32	34.12 0.78 -22.19	20.21 -0.82 -32.27	11.77 -0.43 -17.84	22.45 -0.08 -23.70	27.11 1.14 -13.44	41.11 2.74 -8.51	39.49 2.83 -2.91	70.63 4.75 -8.58	53.63 3.45 0.00	38.42 2.45 0.00	32.44 1.69 -7.35	32.55 0.45 -25.85
HUDSON AVE_GT_4 23540	47.36 2.37 0.00	45.10 2.60 0.00	34.34 2.05 0.00	33.41 1.96 0.00	32.91 2.03 0.00	38.52 2.12 0.00	50.80 2.78 0.00	40.20 2.38 0.00	35.44 2.59 -0.19	35.35 0.78 -25.30	62.62 -1.00 -76.29	390.25 -0.61 -398.32	34.12 0.78 -22.19	20.21 -0.82 -32.27	11.77 -0.43 -17.84	22.45 -0.08 -23.70	27.11 1.14 -13.44	41.11 2.74 -8.51	39.49 2.83 -2.91	70.63 4.75 -8.58	53.63 3.45 0.00	38.42 2.45 0.00	32.44 1.69 -7.35	32.55 0.45 -25.85
HUDSON AVE_GT_5 23657	47.36 2.37 0.00	45.10 2.60 0.00	34.34 2.05 0.00	33.41 1.96 0.00	32.91 2.03 0.00	38.52 2.12 0.00	50.80 2.78 0.00	40.20 2.38 0.00	35.44 2.59 -0.19	35.35 0.78 -25.30	62.62 -1.00 -76.29	390.25 -0.61 -398.32	34.12 0.78 -22.19	20.21 -0.82 -32.27	11.77 -0.43 -17.84	22.45 -0.08 -23.70	27.11 1.14 -13.44	41.11 2.74 -8.51	39.49 2.83 -2.91	70.63 4.75 -8.58	53.63 3.45 0.00	38.42 2.45 0.00	32.44 1.69 -7.35	32.55 0.45 -25.85
HUDSON_AVE_10 24168	47.15 2.16 0.00	44.87 2.38 0.01	34.22 1.92 0.00	33.28 1.83 0.00	32.78 1.90 0.00	38.35 1.94 0.00	50.55 2.53 0.00	40.02 2.19 0.00	35.32 2.47 -0.19	34.91 0.73 -24.90	62.12 -0.93 -75.72	390.28 -0.58 -398.32	34.07 0.74 -22.19	20.25 -0.77 -32.27	11.80 -0.41 -17.84	22.45 -0.08 -23.70	27.04 1.07 -13.43	40.94 2.57 -8.51	39.32 2.66 -2.91	70.35 4.47 -8.58	53.42 3.24 0.00	38.28 2.32 0.00	32.36 1.61 -7.35	32.53 0.43 -25.85
HUDSON___115KV_TB 4 355613	46.68 1.69 0.00	44.25 1.75 0.00	33.75 1.46 0.00	32.88 1.42 0.00	32.34 1.46 0.00	38.03 1.63 0.00	50.11 2.09 0.00	39.42 1.60 0.00	34.16 1.49 0.00	23.42 0.44 -13.71	66.27 -0.51 -79.45	426.49 -0.28 -434.23	35.80 0.46 -24.19	23.44 -0.49 -35.18	13.57 -0.24 -19.45	24.62 -0.05 -25.84	27.69 0.52 -14.65	40.40 1.26 -9.28	38.51 1.56 -3.20	69.65 2.99 -9.35	52.76 2.57 0.00	37.83 1.86 0.00	32.67 1.26 -8.01	34.80 0.36 -28.18
HUNTER MOUNT___DRP 323613	46.92 1.94 0.00	44.47 1.97 0.00	33.91 1.62 0.00	33.04 1.58 0.00	32.50 1.62 0.00	38.22 1.82 0.00	50.37 2.35 0.00	39.63 1.81 0.00	34.34 1.68 0.00	23.29 0.49 -13.53	65.17 -0.57 -78.41	420.82 -0.27 -428.56	35.50 0.48 -23.87	22.92 -0.55 -34.72	13.29 -0.26 -19.19	24.28 -0.06 -25.50	27.55 0.57 -14.45	40.41 1.39 -9.16	38.70 1.79 -3.16	69.90 3.36 -9.23	53.10 2.91 0.00	38.05 2.08 0.00	32.69 1.39 -7.90	34.46 0.40 -27.81
HUNTINGTON_RES_REC 323705	54.95 2.18 -7.79	46.63 2.47 -1.67	41.91 1.97 -7.65	38.56 1.90 -5.20	54.84 2.02 -21.94	54.77 2.08 -16.29	52.37 2.61 -1.74	55.10 2.24 -15.03	39.93 2.38 -4.88	23.72 0.66 -13.78	59.88 -0.66 -73.21	119.44 -0.22 -127.13	47.10 0.70 -35.25	20.99 -0.76 -33.01	25.71 -0.43 -31.77	23.42 -0.08 -24.68	46.23 1.01 -32.68	58.93 2.30 -26.77	71.46 2.31 -35.40	91.64 3.83 -30.50	107.26 2.93 -54.15	81.20 2.14 -43.09	61.37 1.54 -36.43	50.89 0.44 -44.20
HUNTLEY___63 23557	41.55 -3.43 0.00	40.29 -2.21 0.00	30.19 -2.11 0.00	29.53 -1.93 0.00	28.71 -2.17 0.00	34.35 -2.05 0.00	44.75 -3.27 0.00	34.98 -2.62 0.23	30.38 -2.29 0.00	8.94 -0.58 -0.25	-10.81 0.43 -1.43	0.74 0.39 -7.81	11.19 -0.39 -0.44	-10.37 0.25 -0.63	-5.17 0.11 -0.35	-0.70 0.01 -0.46	9.94 -0.26 2.33	22.23 -1.00 6.64	22.30 -1.66 9.80	37.44 -3.79 16.07	28.12 -3.53 18.54	22.68 -2.36 10.93	17.49 -1.71 4.21	6.22 -0.52 -0.48
HUNTLEY___64 23558	41.55 -3.43 0.00	40.29 -2.21 0.00	30.19 -2.11 0.00	29.53 -1.93 0.00	28.71 -2.17 0.00	34.35 -2.05 0.00	44.75 -3.27 0.00	34.98 -2.62 0.23	30.38 -2.29 0.00	8.94 -0.58 -0.25	-10.81 0.43 -1.43	0.74 0.39 -7.81	11.19 -0.39 -0.44	-10.37 0.25 -0.63	-5.17 0.11 -0.35	-0.70 0.01 -0.46	9.94 -0.26 2.33	22.23 -1.00 6.64	22.30 -1.66 9.80	37.44 -3.79 16.07	28.12 -3.53 18.54	22.68 -2.36 10.93	17.49 -1.71 4.21	6.22 -0.52 -0.48
HUNTLEY___65 23559	41.55 -3.43 0.00	40.29 -2.21 0.00	30.19 -2.11 0.00	29.53 -1.93 0.00	28.71 -2.17 0.00	34.35 -2.05 0.00	44.75 -3.27 0.00	34.98 -2.62 0.23	30.38 -2.29 0.00	8.94 -0.58 -0.25	-10.81 0.43 -1.43	0.74 0.39 -7.81	11.19 -0.39 -0.44	-10.37 0.25 -0.63	-5.17 0.11 -0.35	-0.70 0.01 -0.46	9.94 -0.26 2.33	22.23 -1.00 6.64	22.30 -1.66 9.80	37.44 -3.79 16.07	28.12 -3.53 18.54	22.68 -2.36 10.93	17.49 -1.71 4.21	6.22 -0.52 -0.48
HUNTLEY___66 23560	41.55 -3.43 0.00	40.29 -2.21 0.00	30.19 -2.11 0.00	29.53 -1.93 0.00	28.71 -2.17 0.00	34.35 -2.05 0.00	44.75 -3.27 0.00	34.98 -2.62 0.23	30.38 -2.29 0.00	8.94 -0.58 -0.25	-10.81 0.43 -1.43	0.74 0.39 -7.81	11.19 -0.39 -0.44	-10.37 0.25 -0.63	-5.17 0.11 -0.35	-0.70 0.01 -0.46	9.94 -0.26 2.33	22.23 -1.00 6.64	22.30 -1.66 9.80	37.44 -3.79 16.07	28.12 -3.53 18.54	22.68 -2.36 10.93	17.49 -1.71 4.21	6.22 -0.52 -0.48
HUNTLEY___67 23561	41.39 -3.59 0.00	40.11 -2.39 0.00	30.05 -2.24 0.00	29.40 -2.05 0.00	28.59 -2.29 0.00	34.21 -2.20 0.00	44.58 -3.45 0.00	34.80 -2.79 0.24	30.27 -2.40 0.00	8.89 -0.64 -0.25	-10.69 0.53 -1.46	0.95 0.45 -7.96	11.13 -0.47 -0.45	-10.26 0.34 -0.65	-5.12 0.15 -0.36	-0.68 0.02 -0.48	9.40 -0.37 2.76	20.84 -1.24 7.78	20.43 -1.88 11.45	35.00 -4.02 18.28	25.85 -3.68 20.65	20.72 -2.48 12.77	16.70 -1.77 4.93	6.21 -0.54 -0.49

HUNTLEY___68 23562	41.39 -3.59 0.00	40.11 -2.39 0.00	30.05 -2.24 0.00	29.40 -2.05 0.00	28.59 -2.29 0.00	34.21 -2.20 0.00	44.58 -3.45 0.00	34.80 -2.79 0.24	30.27 -2.40 0.00	8.89 -0.64 -0.25	-10.69 0.53 -1.46	0.95 0.45 -7.96	11.13 -0.47 -0.45	-10.26 0.34 -0.65	-5.12 0.15 -0.36	-0.68 0.02 -0.48	9.40 -0.37 2.76	20.84 -1.24 7.78	20.43 -1.88 11.45	35.00 -4.02 18.28	25.85 -3.68 20.65	20.72 -2.48 12.77	16.70 -1.77 4.93	6.21 -0.54 -0.49
HYLAND___LFGE 323620	45.03 0.05 0.00	43.14 0.65 0.00	32.40 0.11 0.00	31.74 0.28 0.00	31.00 0.12 0.00	37.00 0.59 0.00	48.44 0.41 0.00	37.16 -0.40 0.26	31.33 -1.34 0.00	9.19 -0.36 -0.27	-10.46 0.43 -1.78	10.19 0.41 -17.25	24.43 -0.37 -13.65	-3.84 0.37 -7.04	4.56 0.18 -10.02	8.19 0.02 -9.34	38.27 -0.28 -26.01	68.91 -0.74 -39.79	77.42 -1.00 -44.67	106.92 -0.41 -50.03	86.59 0.27 -36.14	82.88 0.26 -46.65	42.13 0.03 -18.69	6.70 -0.09 -0.54
INDECK___CORINTH 23802	47.56 2.58 0.00	44.99 2.49 0.00	34.30 2.01 0.00	33.48 2.03 0.00	32.92 2.03 0.00	38.76 2.36 0.00	51.11 3.08 0.00	40.13 2.31 0.00	34.74 2.06 0.00	24.01 0.59 -14.14	68.45 -0.84 -81.96	440.06 -0.46 -447.98	36.78 0.68 -24.96	24.31 -0.73 -36.30	14.08 -0.34 -20.06	25.42 -0.06 -26.66	28.30 0.66 -15.11	41.16 1.73 -9.57	39.22 2.14 -3.33	70.71 3.76 -9.65	53.52 3.33 0.00	38.52 2.55 0.00	33.29 1.63 -8.26	35.76 0.44 -29.07
INDECK___ILION 23567	46.28 1.29 0.00	44.03 1.53 0.00	33.60 1.30 0.00	32.79 1.34 0.00	32.27 1.39 0.00	37.92 1.52 0.00	49.89 1.86 0.00	39.16 1.34 0.00	33.43 0.76 0.00	9.35 0.08 0.00	-12.98 -0.31 0.00	-7.65 -0.19 0.00	11.29 0.14 0.00	-11.38 -0.13 0.00	-5.56 0.07 0.00	0.10 0.02 -1.25	12.21 -0.33 0.00	29.74 -0.12 0.00	34.65 0.90 0.00	60.24 2.93 0.00	52.41 2.22 0.00	37.90 1.93 0.00	24.79 1.39 0.00	6.64 0.39 0.00
INDECK___OLEAN 23982	42.07 -2.91 0.00	40.78 -1.72 0.00	30.57 -1.73 0.00	30.13 -1.33 0.00	29.39 -1.50 0.00	35.10 -1.31 0.00	45.84 -2.18 0.00	35.31 -2.22 0.30	30.73 -1.94 0.00	8.99 -0.57 -0.28	-10.55 0.46 -1.66	2.48 0.44 -9.50	12.09 -0.35 -1.30	-9.73 0.40 -1.11	-4.47 0.18 -0.99	-0.08 0.02 -1.07	12.93 -0.29 -0.70	28.41 -0.73 0.72	30.20 -1.33 2.23	46.76 -2.42 8.13	34.66 -2.24 13.28	31.80 -1.47 2.69	21.46 -1.03 0.91	6.41 -0.40 -0.56
INDECK___OSWEGO 23783	43.62 -1.37 0.00	41.34 -1.16 0.00	31.39 -0.91 0.00	30.61 -0.85 0.00	30.02 -0.86 0.00	35.45 -0.96 0.00	46.83 -1.20 0.00	36.77 -1.05 0.00	31.62 -1.05 0.00	8.96 -0.32 0.00	-12.27 0.40 0.00	-7.20 0.26 0.00	10.80 -0.35 0.00	-10.89 0.36 0.00	-5.46 0.18 0.00	-2.34 0.04 1.20	12.20 -0.33 0.00	29.05 -0.82 0.00	32.92 -0.90 -0.07	55.82 -1.48 0.00	48.93 -1.25 0.00	35.05 -0.92 0.00	22.76 -0.64 0.00	6.07 -0.18 0.00
INDECK___YERKES 23781	41.58 -3.40 0.00	40.33 -2.17 0.00	30.21 -2.08 0.00	29.55 -1.91 0.00	28.73 -2.15 0.00	34.38 -2.03 0.00	44.79 -3.23 0.00	35.01 -2.59 0.23	30.42 -2.25 0.00	8.95 -0.57 -0.25	-10.85 0.39 -1.43	0.76 0.42 -7.81	11.26 -0.32 -0.44	-10.30 0.32 -0.63	-5.16 0.13 -0.35	-0.70 0.01 -0.46	9.95 -0.25 2.33	22.31 -0.91 6.64	22.35 -1.61 9.80	37.52 -3.71 16.07	28.18 -3.47 18.54	22.73 -2.31 10.93	17.52 -1.67 4.21	6.23 -0.50 -0.48
INDIAN POINT_GT_1 24139	46.99 2.01 0.00	44.76 2.26 0.00	34.08 1.79 0.00	33.17 1.72 0.00	32.68 1.80 0.00	38.28 1.88 0.00	50.48 2.46 0.00	39.86 2.04 0.00	34.82 2.15 0.00	22.44 0.64 -12.53	59.11 -0.81 -72.60	388.80 -0.50 -396.77	33.94 0.69 -22.10	20.17 -0.72 -32.15	11.75 -0.38 -17.77	22.36 -0.08 -23.61	26.91 1.00 -13.38	40.71 2.37 -8.48	39.14 2.49 -2.90	70.07 4.23 -8.54	53.38 3.20 0.00	38.23 2.26 0.00	32.28 1.56 -7.32	32.41 0.41 -25.74
INDIAN POINT_GT_2 23659	46.99 2.01 0.00	44.76 2.26 0.00	34.08 1.79 0.00	33.17 1.72 0.00	32.68 1.80 0.00	38.28 1.88 0.00	50.48 2.46 0.00	39.86 2.04 0.00	34.82 2.15 0.00	22.44 0.64 -12.53	59.11 -0.81 -72.60	388.80 -0.50 -396.77	33.94 0.69 -22.10	20.17 -0.72 -32.15	11.75 -0.38 -17.77	22.36 -0.08 -23.61	26.91 1.00 -13.38	40.71 2.37 -8.48	39.14 2.49 -2.90	70.07 4.23 -8.54	53.38 3.20 0.00	38.23 2.26 0.00	32.28 1.56 -7.32	32.41 0.41 -25.74
INDIAN POINT_GT_3 24019	46.99 2.01 0.00	44.76 2.26 0.00	34.08 1.79 0.00	33.17 1.72 0.00	32.68 1.80 0.00	38.28 1.88 0.00	50.48 2.46 0.00	39.86 2.04 0.00	34.82 2.15 0.00	22.44 0.64 -12.53	59.11 -0.81 -72.60	388.80 -0.50 -396.77	33.94 0.69 -22.10	20.17 -0.72 -32.15	11.75 -0.38 -17.77	22.36 -0.08 -23.61	26.91 1.00 -13.38	40.71 2.37 -8.48	39.14 2.49 -2.90	70.07 4.23 -8.54	53.38 3.20 0.00	38.23 2.26 0.00	32.28 1.56 -7.32	32.41 0.41 -25.74
INDIAN POINT___2 23530	46.96 1.98 0.00	44.74 2.25 0.00	34.06 1.77 0.00	33.15 1.70 0.00	32.66 1.78 0.00	38.26 1.86 0.00	50.46 2.44 0.00	39.83 2.01 0.00	34.79 2.12 0.00	22.36 0.64 -12.45	58.69 -0.80 -72.16	386.47 -0.48 -394.42	33.79 0.68 -21.97	19.96 -0.74 -31.96	11.63 -0.39 -17.66	22.22 -0.08 -23.47	26.83 0.99 -13.30	40.64 2.35 -8.43	39.09 2.46 -2.88	69.98 4.18 -8.49	53.36 3.18 0.00	38.21 2.24 0.00	32.24 1.57 -7.27	32.26 0.41 -25.59
INDIAN POINT___3 23531	46.97 1.99 0.00	44.74 2.24 0.00	34.06 1.77 0.00	33.15 1.70 0.00	32.67 1.78 0.00	38.26 1.86 0.00	50.46 2.44 0.00	39.83 2.01 0.00	34.79 2.12 0.00	22.44 0.64 -12.53	59.13 -0.80 -72.61	388.90 -0.49 -396.86	33.95 0.69 -22.11	20.19 -0.72 -32.16	11.75 -0.38 -17.77	22.37 -0.08 -23.62	26.91 0.99 -13.38	40.70 2.35 -8.48	39.11 2.46 -2.90	70.03 4.18 -8.55	53.35 3.16 0.00	38.22 2.25 0.00	32.28 1.56 -7.32	32.42 0.41 -25.75
INDIANHD_69_KV_BK1 55831	55.69 2.99 -7.72	47.35 3.20 -1.65	42.38 2.50 -7.58	39.03 2.42 -5.16	55.17 2.54 -21.74	55.25 2.70 -16.14	53.16 3.41 -1.73	55.72 3.00 -14.90	40.49 2.97 -4.84	23.86 0.80 -13.78	59.71 -0.82 -73.21	117.51 -0.29 -125.27	47.18 0.89 -35.14	20.85 -0.90 -33.00	25.52 -0.49 -31.65	23.40 -0.10 -24.67	46.25 1.21 -32.51	59.43 2.96 -26.61	72.08 3.22 -35.11	93.06 5.46 -30.30	108.34 4.49 -53.66	81.99 3.31 -42.71	61.80 2.23 -36.17	50.88 0.58 -44.05
INGHAM_C_115KV_TB7 356103	46.28 1.29 0.00	44.03 1.53 0.00	33.60 1.30 0.00	32.79 1.34 0.00	32.27 1.39 0.00	37.92 1.52 0.00	49.89 1.86 0.00	39.16 1.34 0.00	33.43 0.76 0.00	9.35 0.08 0.00	-12.98 -0.31 0.00	-7.65 -0.19 0.00	11.29 0.14 0.00	-11.38 -0.13 0.00	-5.56 0.07 0.00	0.10 0.02 -1.25	12.21 -0.33 0.00	29.74 -0.12 0.00	34.65 0.90 0.00	60.24 2.93 0.00	52.41 2.22 0.00	37.90 1.93 0.00	24.79 1.39 0.00	6.64 0.39 0.00
IP CORINTH___1 23988	47.56 2.58 0.00	44.99 2.50 0.00	34.30 2.01 0.00	33.48 2.03 0.00	32.92 2.04 0.00	38.76 2.36 0.00	51.11 3.08 0.00	40.13 2.31 0.00	34.73 2.06 0.00	24.01 0.59 -14.14	68.45 -0.85 -81.96	440.05 -0.47 -447.98	36.79 0.69 -24.96	24.32 -0.72 -36.30	14.09 -0.34 -20.06	25.42 -0.06 -26.66	28.30 0.66 -15.11	41.16 1.73 -9.57	39.22 2.14 -3.33	70.72 3.76 -9.65	53.52 3.33 0.00	38.52 2.55 0.00	33.29 1.63 -8.26	35.76 0.44 -29.07

IP___TICONDEROGA 23804	48.79 3.81 0.00	46.24 3.74 0.00	35.18 2.88 0.00	34.58 3.13 0.00	33.95 3.07 0.00	40.00 3.59 0.00	52.61 4.59 0.00	41.05 3.23 0.00	35.45 2.78 0.00	24.23 0.82 -14.14	68.07 -1.19 -81.92	439.69 -0.61 -447.76	37.00 0.91 -24.94	24.06 -0.97 -36.28	13.98 -0.44 -20.05	25.39 -0.08 -26.64	28.61 0.98 -15.10	42.28 2.85 -9.57	40.29 3.21 -3.32	72.45 5.50 -9.64	55.28 5.09 0.00	39.64 3.67 0.00	33.88 2.22 -8.26	35.90 0.60 -29.05
ISLIP_RES_REC 323679	55.64 2.88 -7.77	47.25 3.09 -1.66	42.37 2.43 -7.64	39.00 2.35 -5.19	55.27 2.48 -21.90	55.29 2.63 -16.26	53.05 3.29 -1.74	55.74 2.91 -15.01	40.45 2.90 -4.88	23.84 0.78 -13.78	59.75 -0.78 -73.21	118.89 -0.23 -126.58	47.22 0.84 -35.23	20.83 -0.92 -33.01	25.61 -0.50 -31.75	23.41 -0.10 -24.67	46.37 1.19 -32.65	59.48 2.87 -26.74	72.19 3.09 -35.35	92.98 5.21 -30.46	108.53 4.30 -54.05	82.15 3.17 -43.02	61.96 2.18 -36.38	50.98 0.56 -44.17
JAMAICA__27_KV_LOAD 355505	47.37 2.39 0.00	45.03 2.54 0.01	34.42 2.12 0.00	33.47 2.01 0.00	32.96 2.08 0.00	38.54 2.14 0.00	50.77 2.74 0.00	40.19 2.37 0.00	35.55 2.69 -0.19	34.95 0.77 -24.90	62.06 -0.99 -75.72	390.24 -0.61 -398.32	34.14 0.81 -22.19	20.18 -0.84 -32.27	11.76 -0.44 -17.84	22.45 -0.08 -23.70	27.08 1.12 -13.43	41.05 2.68 -8.51	39.48 2.82 -2.91	70.65 4.77 -8.58	53.76 3.58 0.00	38.56 2.60 0.00	32.56 1.81 -7.35	32.57 0.47 -25.85
JANIS___SOLAR 323808	46.01 1.02 0.00	43.75 1.26 0.00	33.03 0.73 0.00	32.24 0.79 0.00	31.64 0.76 0.00	37.60 1.19 0.00	49.67 1.65 0.00	38.65 0.78 -0.05	32.40 -0.27 0.00	10.17 -0.20 -1.09	-6.25 0.12 -6.30	26.83 0.25 -34.05	12.09 -0.24 -1.19	-8.53 0.28 -2.45	-4.49 0.14 -1.01	0.42 0.03 -1.56	13.74 -0.02 -1.23	32.45 0.18 -2.41	37.79 0.56 -3.48	66.65 2.05 -7.30	58.14 2.16 -5.80	41.03 1.44 -3.62	26.21 0.73 -2.08	8.65 0.16 -2.24
JARVIS____ 23743	45.11 0.12 0.00	42.70 0.20 0.00	32.46 0.16 0.00	31.61 0.16 0.00	31.04 0.16 0.00	36.57 0.17 0.00	48.26 0.24 0.00	37.99 0.17 0.00	32.84 0.16 0.00	9.32 0.04 0.00	-12.74 -0.06 0.00	-7.50 -0.04 0.00	11.21 0.06 0.00	-11.31 -0.06 0.00	-5.66 -0.03 0.00	0.07 -0.01 -1.25	12.60 0.07 0.00	30.04 0.18 0.00	33.97 0.22 0.00	57.71 0.40 0.00	50.50 0.32 0.00	36.19 0.23 0.00	23.56 0.16 0.00	6.29 0.04 0.00
JENNISON___1 23625	46.28 1.30 0.00	44.01 1.51 0.00	33.28 0.99 0.00	32.47 1.01 0.00	31.86 0.98 0.00	37.77 1.36 0.00	50.23 2.21 0.00	39.34 1.32 -0.20	33.12 0.45 0.00	11.33 -0.02 -2.07	-0.99 -0.31 -11.99	57.54 0.10 -64.90	13.52 -0.13 -2.51	-6.62 -0.14 -4.77	-3.60 -0.06 -2.10	1.99 0.02 -3.14	14.17 0.15 -1.49	32.25 0.60 -1.79	36.63 1.27 -1.61	68.07 3.34 -7.43	63.22 3.11 -9.93	40.04 1.88 -2.20	26.61 1.13 -2.08	10.78 0.27 -4.26
JENNISON___2 23626	46.28 1.30 0.00	44.01 1.51 0.00	33.28 0.99 0.00	32.47 1.01 0.00	31.86 0.98 0.00	37.77 1.36 0.00	50.23 2.21 0.00	39.34 1.32 -0.20	33.12 0.45 0.00	11.33 -0.02 -2.07	-0.99 -0.31 -11.99	57.54 0.10 -64.90	13.52 -0.13 -2.51	-6.62 -0.14 -4.77	-3.60 -0.06 -2.10	1.99 0.02 -3.14	14.17 0.15 -1.49	32.25 0.60 -1.79	36.63 1.27 -1.61	68.07 3.34 -7.43	63.22 3.11 -9.93	40.04 1.88 -2.20	26.61 1.13 -2.08	10.78 0.27 -4.26
JERICHO_RISE_WT_PWR 323719	44.84 -0.14 0.00	42.28 -0.22 0.00	32.09 -0.20 0.00	31.17 -0.28 0.00	30.56 -0.32 0.00	36.16 -0.24 0.00	47.71 -0.32 0.00	37.77 -0.05 0.00	32.60 -0.08 0.00	9.25 -0.03 0.00	-12.57 0.11 0.00	-7.46 0.01 0.00	10.97 -0.18 0.00	-11.05 0.20 0.00	-5.51 0.12 0.00	-3.05 0.03 1.91	12.14 -0.39 0.00	29.07 -0.80 0.00	32.93 -0.82 0.00	55.91 -1.39 0.00	49.29 -0.89 0.00	35.28 -0.68 0.00	22.82 -0.58 0.00	6.10 -0.15 0.00
KATONAH___115KV_46KV_TB4 355592	47.17 2.18 0.00	44.89 2.39 0.00	34.18 1.89 0.00	33.28 1.82 0.00	32.78 1.89 0.00	38.40 1.99 0.00	50.63 2.60 0.00	39.98 2.16 0.00	34.92 2.25 0.00	22.62 0.68 -12.66	59.84 -0.88 -73.40	393.16 -0.53 -401.15	34.24 0.75 -22.35	20.49 -0.76 -32.50	11.93 -0.40 -17.96	22.62 -0.08 -23.87	27.09 1.03 -13.53	40.91 2.48 -8.57	39.31 2.63 -2.93	70.41 4.46 -8.64	53.58 3.40 0.00	38.36 2.40 0.00	32.42 1.62 -7.40	32.71 0.43 -26.03
KCE_NY_1 323755	47.15 2.17 0.00	44.71 2.21 0.00	34.02 1.73 0.00	33.18 1.73 0.00	32.61 1.73 0.00	38.36 1.96 0.00	50.62 2.60 0.00	39.79 1.97 0.00	34.43 1.76 0.00	23.89 0.49 -14.13	68.46 -0.73 -81.86	439.57 -0.40 -447.44	36.68 0.60 -24.93	24.36 -0.64 -36.25	14.10 -0.31 -20.04	25.39 -0.06 -26.63	28.26 0.63 -15.09	41.04 1.62 -9.56	39.05 1.98 -3.32	70.37 3.43 -9.63	53.18 2.99 0.00	38.12 2.15 0.00	33.10 1.44 -8.25	35.67 0.39 -29.03
KCE_NY_6_ESR 323823	41.80 -3.19 0.00	40.48 -2.02 0.00	30.31 -1.99 0.00	29.69 -1.77 0.00	28.85 -2.03 0.00	34.55 -1.86 0.00	45.04 -2.98 0.00	35.08 -2.49 0.25	30.48 -2.19 0.00	8.94 -0.59 -0.26	-10.72 0.45 -1.50	1.20 0.46 -8.20	11.24 -0.36 -0.46	-10.20 0.38 -0.67	-5.10 0.17 -0.37	-0.67 0.02 -0.49	9.31 -0.33 2.88	20.70 -1.05 8.11	20.14 -1.67 11.94	34.50 -3.58 19.22	25.07 -3.27 21.84	20.52 -2.14 13.32	16.71 -1.55 5.14	6.26 -0.50 -0.51
KEDC_PORT_JEFF_GT2 24210	55.43 2.74 -7.71	47.10 2.95 -1.65	42.20 2.33 -7.57	38.87 2.26 -5.15	54.99 2.40 -21.71	55.04 2.52 -16.12	52.91 3.16 -1.72	55.49 2.80 -14.88	40.32 2.81 -4.83	23.82 0.76 -13.78	59.76 -0.77 -73.21	117.32 -0.23 -125.01	47.09 0.82 -35.12	20.86 -0.89 -33.00	25.50 -0.49 -31.63	23.40 -0.09 -24.67	46.18 1.16 -32.48	59.25 2.80 -26.58	71.79 2.97 -35.06	92.60 5.03 -30.27	107.86 4.10 -53.58	81.64 3.02 -42.65	61.62 2.09 -36.13	50.82 0.54 -44.03
KEDC_PORT_JEFF_GT3 24211	55.43 2.74 -7.71	47.10 2.95 -1.65	42.20 2.33 -7.57	38.87 2.26 -5.15	54.99 2.40 -21.71	55.04 2.52 -16.12	52.91 3.16 -1.72	55.49 2.80 -14.88	40.32 2.81 -4.83	23.82 0.76 -13.78	59.76 -0.77 -73.21	117.32 -0.23 -125.01	47.09 0.82 -35.12	20.86 -0.89 -33.00	25.50 -0.49 -31.63	23.40 -0.09 -24.67	46.18 1.16 -32.48	59.25 2.80 -26.58	71.79 2.97 -35.06	92.60 5.03 -30.27	107.86 4.10 -53.58	81.64 3.02 -42.65	61.62 2.09 -36.13	50.82 0.54 -44.03
KEDC_GLWD_GT4 24219	59.96 2.64 -12.33	48.00 2.86 -2.64	46.66 2.25 -12.11	41.86 2.17 -8.24	67.89 2.26 -34.74	64.59 2.40 -25.79	53.87 3.09 -2.76	64.22 2.59 -23.80	43.06 2.66 -7.72	23.83 0.77 -13.78	59.62 -0.91 -73.21	257.26 -0.48 -265.21	54.50 0.84 -42.51	21.28 -0.90 -33.43	33.78 -0.49 -39.90	23.98 -0.10 -25.24	57.64 1.20 -43.91	70.11 2.81 -37.43	91.05 2.94 -54.36	105.52 4.94 -43.28	139.70 3.80 -85.71	106.18 2.72 -67.50	78.60 1.86 -53.33	60.66 0.49 -53.92
KEDC_GLWD_GT5 24220	59.96 2.64 -12.33	48.00 2.86 -2.64	46.66 2.25 -12.11	41.86 2.17 -8.24	67.89 2.26 -34.74	64.59 2.40 -25.79	53.87 3.09 -2.76	64.22 2.59 -23.80	43.06 2.66 -7.72	23.83 0.77 -13.78	59.62 -0.91 -73.21	257.26 -0.48 -265.21	54.50 0.84 -42.51	21.28 -0.90 -33.43	33.78 -0.49 -39.90	23.98 -0.10 -25.24	57.64 1.20 -43.91	70.11 2.81 -37.43	91.05 2.94 -54.36	105.52 4.94 -43.28	139.70 3.80 -85.71	106.18 2.72 -67.50	78.60 1.86 -53.33	60.66 0.49 -53.92

KENSICO____ 23655	47.09 2.11 0.00	44.85 2.35 0.00	34.15 1.86 0.00	33.24 1.78 0.00	32.74 1.86 0.00	38.35 1.94 0.00	50.57 2.55 0.00	39.95 2.13 0.00	34.92 2.25 0.00	22.52 0.68 -12.57	59.30 -0.86 -72.83	390.08 -0.52 -398.07	34.04 0.72 -22.17	20.25 -0.75 -32.25	11.79 -0.40 -17.83	22.44 -0.08 -23.69	26.99 1.03 -13.43	40.83 2.46 -8.51	39.23 2.57 -2.91	70.23 4.35 -8.57	53.46 3.27 0.00	38.29 2.32 0.00	32.34 1.60 -7.34	32.51 0.42 -25.83
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	47.31 2.33 0.00	45.02 2.52 0.00	34.25 1.95 0.00	33.34 1.89 0.00	32.84 1.96 0.00	38.53 2.13 0.00	50.83 2.80 0.00	40.07 2.25 0.00	34.86 2.19 0.00	21.98 0.63 -12.07	56.50 -0.78 -69.95	374.33 -0.52 -382.32	33.18 0.74 -21.30	19.02 -0.71 -30.98	11.13 -0.36 -17.12	21.51 -0.07 -22.75	26.35 0.93 -12.90	40.36 2.33 -8.17	39.29 2.74 -2.81	70.25 4.71 -8.23	53.95 3.76 0.00	38.60 2.63 0.00	32.21 1.75 -7.05	31.51 0.45 -24.81
KIAC_JFK_GT1 23816	47.11 2.13 0.00	44.79 2.30 0.01	34.25 1.95 0.00	33.30 1.84 0.00	32.78 1.90 0.00	38.34 1.93 0.00	50.48 2.45 0.00	39.99 2.17 0.00	35.37 2.51 -0.19	34.91 0.73 -24.90	62.13 -0.92 -75.72	390.30 -0.56 -398.32	34.08 0.75 -22.19	20.25 -0.78 -32.27	11.79 -0.41 -17.84	22.45 -0.08 -23.70	27.01 1.05 -13.43	40.88 2.50 -8.51	39.28 2.63 -2.91	70.31 4.43 -8.58	53.44 3.26 0.00	38.34 2.37 0.00	32.41 1.67 -7.35	32.54 0.43 -25.85
KIAC_JFK_GT2 23817	47.11 2.13 0.00	44.79 2.30 0.01	34.25 1.95 0.00	33.30 1.84 0.00	32.78 1.90 0.00	38.34 1.93 0.00	50.48 2.45 0.00	39.99 2.17 0.00	35.37 2.51 -0.19	34.91 0.73 -24.90	62.13 -0.92 -75.72	390.30 -0.56 -398.32	34.08 0.75 -22.19	20.25 -0.78 -32.27	11.79 -0.41 -17.84	22.45 -0.08 -23.70	27.01 1.05 -13.43	40.88 2.50 -8.51	39.28 2.63 -2.91	70.31 4.43 -8.58	53.44 3.26 0.00	38.34 2.37 0.00	32.41 1.67 -7.35	32.54 0.43 -25.85
KIAC_JFK____ 323774	47.12 2.13 0.00	44.79 2.30 0.01	34.25 1.95 0.00	33.30 1.84 0.00	32.78 1.90 0.00	38.33 1.93 0.00	50.48 2.45 0.00	39.99 2.17 0.00	35.37 2.51 -0.19	34.91 0.72 -24.90	62.12 -0.93 -75.72	390.30 -0.56 -398.32	34.06 0.73 -22.19	20.21 -0.81 -32.27	11.78 -0.42 -17.84	22.45 -0.08 -23.70	27.01 1.05 -13.43	40.87 2.49 -8.51	39.28 2.62 -2.91	70.32 4.44 -8.58	53.46 3.27 0.00	38.34 2.37 0.00	32.42 1.67 -7.35	32.53 0.43 -25.85
KINTIGH_24_KV_GSU 356498	41.73 -3.25 0.00	40.37 -2.13 0.00	30.30 -1.99 0.00	29.63 -1.83 0.00	28.85 -2.03 0.00	34.44 -1.97 0.00	45.00 -3.03 0.00	35.15 -2.48 0.19	30.54 -2.13 0.00	8.94 -0.56 -0.23	-10.90 0.45 -1.32	0.17 0.42 -7.21	11.18 -0.37 -0.40	-10.29 0.37 -0.58	-5.15 0.16 -0.32	-0.73 0.02 -0.43	10.95 -0.29 1.29	25.08 -0.96 3.83	26.52 -1.51 5.72	43.92 -3.28 10.10	34.84 -3.06 12.29	27.50 -2.07 6.40	19.52 -1.47 2.42	6.25 -0.43 -0.44
KINTIGH____ 23543	41.72 -3.27 0.00	40.33 -2.17 0.00	30.29 -2.01 0.00	29.61 -1.85 0.00	28.84 -2.04 0.00	34.41 -1.99 0.00	44.96 -3.06 0.00	35.13 -2.50 0.19	30.51 -2.16 0.00	8.93 -0.57 -1.32	-10.87 0.49 -7.21	0.16 0.41 -7.21	11.12 -0.43 -0.40	-10.35 0.31 -0.58	-5.17 0.14 -0.32	-0.73 0.01 -0.43	10.94 -0.30 1.29	25.01 -1.02 3.83	26.48 -1.55 5.72	43.87 -3.34 10.10	34.79 -3.11 12.29	27.46 -2.11 6.40	19.49 -1.49 2.42	6.24 -0.45 -0.44
KNTFSRNC_46_KV_46KV_LOAD 80397	45.37 0.38 0.00	42.89 0.39 0.00	32.54 0.24 0.00	31.62 0.17 0.00	30.97 0.09 0.00	36.62 0.22 0.00	48.25 0.23 0.00	38.20 0.38 0.00	32.90 0.23 0.00	9.33 0.06 0.00	-12.69 -0.01 0.00	-7.52 -0.06 0.00	11.09 -0.06 0.00	-11.20 0.05 0.00	-5.58 0.05 0.00	-2.73 0.02 1.58	12.28 -0.25 0.00	29.47 -0.40 0.00	33.37 -0.38 0.00	56.69 -0.62 0.00	50.04 -0.14 0.00	35.83 -0.13 0.00	23.18 -0.22 0.00	6.19 -0.07 0.00
LACHUTE____HYDRO 323717	48.79 3.81 0.00	46.24 3.74 0.00	35.18 2.88 0.00	34.58 3.13 0.00	33.95 3.07 0.00	40.00 3.59 0.00	52.61 4.59 0.00	41.05 3.23 0.00	35.45 2.78 0.00	24.23 0.82 -14.14	68.07 -1.19 -81.92	439.69 -0.60 -447.76	37.00 0.91 -24.94	24.05 -0.98 -36.28	13.97 -0.44 -20.05	25.39 -0.08 -26.64	28.61 0.98 -15.10	42.28 2.85 -9.57	40.28 3.20 -3.32	72.45 5.50 -9.64	55.28 5.09 0.00	39.63 3.67 0.00	33.88 2.23 -8.26	35.90 0.60 -29.05
LAWRNCV_115KV_TB1 80681	44.06 -0.92 0.00	41.55 -0.95 0.00	31.50 -0.79 0.00	30.62 -0.83 0.00	29.99 -0.89 0.00	35.49 -0.92 0.00	46.73 -1.30 0.00	37.02 -0.80 0.00	31.82 -0.85 0.00	9.00 -0.27 0.00	-12.20 0.47 0.00	-7.24 0.22 0.00	10.65 -0.50 0.00	-10.71 0.54 0.00	-5.34 0.29 0.00	-6.33 0.07 5.23	11.75 -0.79 0.00	28.10 -1.76 0.00	31.93 -1.83 0.00	54.41 -2.90 0.00	48.33 -1.86 0.00	34.58 -1.39 0.00	22.41 -0.99 0.00	6.02 -0.23 0.00
LEDERLE____ 23769	47.22 2.24 0.00	44.97 2.47 0.00	34.23 1.93 0.00	33.31 1.86 0.00	32.82 1.94 0.00	38.47 2.07 0.00	50.74 2.72 0.00	40.02 2.20 0.00	34.93 2.26 0.00	22.35 0.68 -12.40	58.31 -0.87 -71.85	384.68 -0.53 -392.68	33.77 0.75 -21.87	19.78 -0.79 -31.82	11.53 -0.42 -17.58	22.11 -0.08 -23.37	26.85 1.07 -13.24	40.81 2.56 -8.39	39.31 2.70 -2.86	70.34 4.58 -8.46	53.74 3.56 0.00	38.47 2.51 0.00	32.37 1.72 -7.24	32.19 0.46 -25.48
LIGHTHSE_115KV_TB6 355974	43.77 -1.21 0.00	41.48 -1.02 0.00	31.52 -0.78 0.00	30.75 -0.71 0.00	30.11 -0.78 0.00	35.55 -0.85 0.00	46.89 -1.14 0.00	36.83 -0.99 0.00	31.49 -1.18 0.00	8.89 -0.39 0.00	-12.18 0.49 0.00	-7.18 0.28 0.00	10.72 -0.43 0.00	-10.81 0.44 0.00	-5.40 0.24 0.00	-4.81 0.05 3.69	12.04 -0.48 0.00	28.75 -1.12 0.00	32.81 -1.02 -0.07	55.79 -1.51 0.00	49.24 -0.95 0.00	35.08 -0.88 0.00	22.71 -0.70 0.00	6.05 -0.20 0.00
LINDEN COGEN____ 23786	47.22 2.24 0.00	44.98 2.48 0.00	34.26 1.97 0.00	33.32 1.87 0.00	32.83 1.95 0.00	38.42 2.02 0.00	50.67 2.65 0.00	40.09 2.27 0.00	35.33 2.48 -0.19	35.31 0.74 -25.30	62.68 -0.93 -76.29	390.29 -0.57 -398.32	34.03 0.70 -22.19	20.25 -0.77 -32.27	11.79 -0.41 -17.84	22.45 -0.08 -23.70	27.03 1.06 -13.44	40.91 2.54 -8.51	39.27 2.61 -2.91	70.30 4.42 -8.58	53.39 3.21 0.00	38.25 2.28 0.00	32.35 1.60 -7.35	32.52 0.42 -25.85
LINDHRST_69_KV_BK1 356055	56.92 3.11 -8.83	47.70 3.31 -1.89	43.55 2.59 -8.67	39.86 2.50 -5.90	58.35 2.60 -24.87	57.66 2.79 -18.46	53.55 3.55 -1.97	57.86 3.00 -17.04	41.19 2.99 -5.53	23.88 0.82 -13.78	59.64 -0.90 -73.21	142.83 -0.43 -150.72	49.01 0.96 -36.91	20.91 -0.94 -33.10	27.48 -0.52 -33.63	23.53 -0.10 -24.81	49.04 1.26 -35.25	62.10 3.03 -29.21	76.69 3.21 -39.73	96.09 5.38 -33.41	115.86 4.34 -61.34	87.78 3.15 -48.67	65.78 2.16 -40.22	53.19 0.57 -46.36
LIPA_MISC_IPP 23656	55.30 2.64 -7.68	46.97 2.83 -1.65	42.06 2.21 -7.55	38.70 2.11 -5.13	54.77 2.24 -21.64	54.81 2.34 -16.07	52.63 2.89 -1.72	55.30 2.64 -14.83	40.16 2.68 -4.82	23.78 0.72 -13.78	59.82 -0.71 -73.21	116.74 -0.23 -124.43	46.99 0.76 -35.08	20.93 -0.81 -33.00	25.50 -0.45 -31.58	23.40 -0.09 -24.66	46.05 1.10 -32.42	59.07 2.68 -26.52	71.55 2.84 -34.96	92.28 4.77 -30.20	107.50 3.91 -53.41	81.44 2.96 -42.52	61.47 2.04 -36.03	50.75 0.52 -43.97

LISF___SOLAR 323691	55.37 2.69 -7.69	47.03 2.89 -1.65	42.11 2.26 -7.56	38.75 2.16 -5.14	54.85 2.29 -21.67	54.88 2.39 -16.09	52.69 2.95 -1.72	55.36 2.69 -14.85	40.20 2.70 -4.82	23.78 0.72 -13.78	59.84 -0.70 -73.21	117.04 -0.18 -124.68	47.00 0.76 -35.10	20.91 -0.84 -33.00	25.50 -0.47 -31.60	23.40 -0.09 -24.66	46.09 1.11 -32.45	59.11 2.69 -26.55	71.64 2.89 -35.00	92.41 4.88 -30.23	107.70 4.03 -53.48	81.57 3.03 -42.58	61.58 2.10 -36.07	50.78 0.53 -43.99
LITTLE FALLS___HYD 24013	46.28 1.29 0.00	44.03 1.53 0.00	33.60 1.30 0.00	32.79 1.34 0.00	32.27 1.39 0.00	37.92 1.52 0.00	49.89 1.86 0.00	39.16 1.34 0.00	33.43 0.76 0.00	9.35 0.08 0.00	-12.98 -0.31 0.00	-7.65 -0.19 0.00	11.29 0.14 0.00	-11.38 -0.13 0.00	-5.56 0.07 0.00	0.10 0.02 -1.25	12.21 -0.33 0.00	29.74 -0.12 0.00	34.65 0.90 0.00	60.24 2.93 0.00	52.41 2.22 0.00	37.90 1.93 0.00	24.79 1.39 0.00	6.64 0.39 0.00
LITTLRIV_115KV_TB1 356100	44.55 -0.44 0.00	41.99 -0.51 0.00	31.82 -0.47 0.00	30.94 -0.52 0.00	30.29 -0.59 0.00	35.87 -0.54 0.00	47.20 -0.82 0.00	37.34 -0.48 0.00	32.00 -0.68 0.00	9.03 -0.25 0.00	-12.22 0.45 0.00	-7.25 0.21 0.00	10.67 -0.47 0.00	-10.72 0.53 0.00	-5.35 0.28 0.00	-6.70 0.07 5.60	11.76 -0.77 0.00	28.12 -1.74 0.00	31.96 -1.79 0.00	54.68 -2.63 0.00	48.83 -1.36 0.00	34.95 -1.02 0.00	22.63 -0.77 0.00	6.08 -0.17 0.00
LI_NEWBRDGE___DRP 323616	54.58 2.38 -7.22	46.69 2.65 -1.55	41.48 2.10 -7.09	38.30 2.02 -4.83	53.35 2.14 -20.34	53.73 2.23 -15.10	52.45 2.81 -1.61	54.17 2.41 -13.94	39.70 2.50 -4.53	23.76 0.71 -13.78	59.77 -0.76 -73.21	105.54 -0.35 -113.35	46.26 0.77 -34.34	20.91 -0.80 -32.95	24.67 -0.45 -30.75	23.35 -0.08 -24.61	44.91 1.10 -31.28	57.86 2.56 -25.44	69.42 2.64 -33.03	90.58 4.38 -28.90	103.71 3.34 -50.19	78.44 2.44 -40.03	59.39 1.68 -34.30	49.69 0.46 -42.98
LOCKPORT_115KV_TB60_63_64 80432	41.30 -3.69 0.00	40.03 -2.46 0.00	30.03 -2.27 0.00	29.34 -2.12 0.00	28.55 -2.34 0.00	34.15 -2.25 0.00	44.49 -3.53 0.00	34.79 -2.83 0.21	30.16 -2.51 0.00	8.85 -0.66 -0.24	-10.79 0.50 -1.38	0.50 0.44 -7.52	11.08 -0.48 -0.42	-10.32 0.31 -0.61	-5.16 0.14 -0.34	-0.71 0.01 -0.45	10.21 -0.34 1.99	23.01 -1.14 5.71	23.56 -1.74 8.44	39.32 -3.91 14.08	30.21 -3.54 16.44	24.15 -2.39 9.42	18.03 -1.76 3.61	6.17 -0.55 -0.47
LOCKPORT___CC1 323769	41.28 -3.71 0.00	40.05 -2.45 0.00	30.01 -2.28 0.00	29.33 -2.12 0.00	28.54 -2.34 0.00	34.13 -2.27 0.00	44.48 -3.54 0.00	34.77 -2.84 0.21	30.18 -2.49 0.00	8.86 -0.66 -0.24	-10.80 0.49 -1.39	0.59 0.48 -7.58	11.14 -0.42 -0.42	-10.23 0.40 -0.62	-5.13 0.17 -0.34	-0.70 0.01 -0.45	10.01 -0.35 2.16	22.55 -1.13 6.18	22.86 -1.76 9.13	38.36 -3.96 14.99	29.27 -3.61 17.30	23.35 -2.42 10.19	17.72 -1.76 3.92	6.18 -0.54 -0.47
LOCKPORT___CC2 323770	41.28 -3.71 0.00	40.05 -2.45 0.00	30.01 -2.28 0.00	29.33 -2.12 0.00	28.54 -2.34 0.00	34.13 -2.27 0.00	44.48 -3.54 0.00	34.77 -2.84 0.21	30.18 -2.49 0.00	8.86 -0.66 -0.24	-10.80 0.49 -1.39	0.59 0.48 -7.58	11.14 -0.42 -0.42	-10.23 0.40 -0.62	-5.13 0.17 -0.34	-0.70 0.01 -0.45	10.01 -0.35 2.16	22.55 -1.13 6.18	22.86 -1.76 9.13	38.36 -3.96 14.99	29.27 -3.61 17.30	23.35 -2.42 10.19	17.72 -1.76 3.92	6.18 -0.54 -0.47
LOCKPORT___CC3 323771	41.28 -3.71 0.00	40.05 -2.45 0.00	30.01 -2.28 0.00	29.33 -2.12 0.00	28.54 -2.34 0.00	34.13 -2.27 0.00	44.48 -3.54 0.00	34.77 -2.84 0.21	30.18 -2.49 0.00	8.86 -0.66 -0.24	-10.80 0.49 -1.39	0.59 0.48 -7.58	11.14 -0.42 -0.42	-10.23 0.40 -0.62	-5.13 0.17 -0.34	-0.70 0.01 -0.45	10.01 -0.35 2.16	22.55 -1.13 6.18	22.86 -1.76 9.13	38.36 -3.96 14.99	29.27 -3.61 17.30	23.35 -2.42 10.19	17.72 -1.76 3.92	6.18 -0.54 -0.47
LOCUSVLY_69_KV_BK2 55797	58.85 2.74 -11.12	47.85 2.98 -2.38	45.55 2.33 -10.92	41.13 2.25 -7.43	64.55 2.34 -31.33	62.15 2.49 -23.26	53.70 3.19 -2.49	61.99 2.70 -21.47	42.39 2.75 -6.97	23.85 0.79 -13.78	59.61 -0.92 -73.21	219.22 -0.48 -227.16	52.62 0.89 -40.58	21.17 -0.90 -33.32	31.61 -0.49 -37.74	23.82 -0.10 -25.09	54.67 1.22 -40.92	67.32 2.87 -34.59	86.05 2.98 -49.31	102.18 5.00 -39.87	131.36 3.87 -77.30	99.75 2.79 -60.99	74.12 1.90 -48.82	58.08 0.51 -51.32
LONG_LAKE_PHOENIX 24014	43.53 -1.45 0.00	41.25 -1.25 0.00	31.31 -0.99 0.00	30.53 -0.92 0.00	29.95 -0.93 0.00	35.36 -1.04 0.00	46.70 -1.32 0.00	36.67 -1.15 0.00	31.54 -1.13 0.00	8.94 -0.34 0.00	-12.22 0.45 0.00	-7.18 0.29 0.00	10.76 -0.39 0.00	-10.86 0.38 0.00	-5.44 0.19 0.00	-1.84 0.04 0.71	12.17 -0.37 0.00	28.99 -0.88 0.00	32.88 -0.95 -0.08	55.75 -1.56 0.00	48.84 -1.35 0.00	35.01 -0.96 0.00	22.72 -0.68 0.00	6.06 -0.20 0.00
LOVETT___3 23632	46.93 1.95 0.00	44.71 2.21 0.00	34.04 1.75 0.00	33.13 1.67 0.00	32.65 1.77 0.00	38.25 1.84 0.00	50.45 2.43 0.00	39.80 1.98 0.00	34.76 2.09 0.00	22.34 0.63 -12.43	58.58 -0.79 -72.05	385.84 -0.49 -393.79	33.76 0.68 -21.94	19.94 -0.71 -31.90	11.62 -0.38 -17.63	22.19 -0.08 -23.43	26.80 0.98 -13.28	40.62 2.34 -8.41	39.07 2.45 -2.87	69.94 4.16 -8.48	53.35 3.16 0.00	38.19 2.23 0.00	32.21 1.55 -7.26	32.22 0.41 -25.55
LOVETT___4 23642	46.93 1.95 0.00	44.71 2.21 0.00	34.04 1.75 0.00	33.13 1.67 0.00	32.65 1.77 0.00	38.25 1.84 0.00	50.45 2.43 0.00	39.80 1.98 0.00	34.76 2.09 0.00	22.34 0.63 -12.43	58.58 -0.79 -72.05	385.84 -0.49 -393.79	33.76 0.68 -21.94	19.94 -0.71 -31.90	11.62 -0.38 -17.63	22.19 -0.08 -23.43	26.80 0.98 -13.28	40.62 2.34 -8.41	39.07 2.45 -2.87	69.94 4.16 -8.48	53.35 3.16 0.00	38.19 2.23 0.00	32.21 1.55 -7.26	32.22 0.41 -25.55
LOVETT___5 23593	46.93 1.95 0.00	44.71 2.21 0.00	34.04 1.75 0.00	33.13 1.67 0.00	32.65 1.77 0.00	38.25 1.84 0.00	50.45 2.43 0.00	39.80 1.98 0.00	34.76 2.09 0.00	22.34 0.63 -12.43	58.58 -0.79 -72.05	385.84 -0.49 -393.79	33.76 0.68 -21.94	19.94 -0.71 -31.90	11.62 -0.38 -17.63	22.19 -0.08 -23.43	26.80 0.98 -13.28	40.62 2.34 -8.41	39.07 2.45 -2.87	69.94 4.16 -8.48	53.35 3.16 0.00	38.19 2.23 0.00	32.21 1.55 -7.26	32.22 0.41 -25.55
LOWER RAQUET___HYD 24057	43.83 -1.15 0.00	41.33 -1.17 0.00	31.35 -0.95 0.00	30.47 -0.99 0.00	29.83 -1.05 0.00	35.30 -1.10 0.00	46.48 -1.54 0.00	36.83 -1.00 0.00	31.64 -1.04 0.00	8.94 -0.34 0.00	-12.11 0.56 0.00	-7.22 0.25 0.00	10.57 -0.58 0.00	-10.61 0.64 0.00	-5.29 0.35 0.00	-7.03 0.08 5.94	11.63 -0.90 0.00	27.84 -2.02 0.00	31.66 -2.09 0.00	54.01 -3.29 0.00	48.04 -2.14 0.00	34.36 -1.60 0.00	22.25 -1.15 0.00	5.99 -0.27 0.00
LOWER___HUDSON 24059	46.57 1.59 0.00	44.20 1.70 0.00	33.63 1.34 0.00	32.77 1.32 0.00	32.22 1.34 0.00	37.88 1.47 0.00	49.92 1.89 0.00	39.28 1.46 0.00	34.03 1.36 0.00	23.70 0.41 -14.01	67.97 -0.58 -81.22	436.09 -0.34 -443.90	36.38 0.51 -24.73	24.18 -0.54 -35.97	13.97 -0.27 -19.88	25.19 -0.06 -26.41	28.05 0.55 -14.97	40.68 1.33 -9.49	38.53 1.50 -3.28	69.47 2.61 -9.56	52.37 2.18 0.00	37.56 1.59 0.00	32.72 1.13 -8.19	35.37 0.31 -28.80

LOWVILLE_115KV_TB2 356335	44.06 -0.93 0.00	41.84 -0.66 0.00	31.89 -0.40 0.00	31.14 -0.31 0.00	30.34 -0.55 0.00	35.91 -0.49 0.00	47.36 -0.66 0.00	37.26 -0.56 0.00	31.66 -1.01 0.00	8.85 -0.42 0.00	-11.97 0.70 0.00	-7.19 0.28 0.00	10.50 -0.64 0.00	-10.54 0.71 0.00	-5.20 0.44 0.00	26.63 0.11 -27.70	11.52 -1.01 0.00	27.75 -2.12 0.00	32.29 -1.51 -0.04	55.48 -1.83 0.00	49.54 -0.64 0.00	35.12 -0.84 0.00	22.51 -0.89 0.00	6.01 -0.25 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	47.12 2.14 0.00	44.66 2.17 0.00	34.00 1.70 0.00	33.15 1.70 0.00	32.58 1.70 0.00	38.34 1.94 0.00	50.55 2.53 0.00	39.74 1.92 0.00	34.38 1.71 0.00	23.89 0.49 -14.13	68.48 -0.71 -81.86	439.57 -0.41 -447.44	36.66 0.59 -24.93	24.39 -0.61 -36.25	14.11 -0.30 -20.04	25.39 -0.06 -26.63	28.24 0.61 -15.09	40.99 1.56 -9.56	38.98 1.91 -3.32	70.32 3.38 -9.63	53.10 2.91 0.00	38.08 2.11 0.00	33.06 1.41 -8.25	35.66 0.38 -29.03
LUTHERNY_35_KV_BK2 355980	47.15 2.17 0.00	44.71 2.21 0.00	34.03 1.73 0.00	33.18 1.73 0.00	32.61 1.73 0.00	38.36 1.96 0.00	50.62 2.59 0.00	39.80 1.97 0.00	34.43 1.76 0.00	23.89 0.49 -14.13	68.46 -0.73 -81.86	439.56 -0.41 -447.44	36.68 0.61 -24.93	24.38 -0.63 -36.25	14.10 -0.30 -20.04	25.39 -0.06 -26.63	28.26 0.63 -15.09	41.05 1.62 -9.56	39.05 1.98 -3.32	70.38 3.44 -9.63	53.17 2.99 0.00	38.12 2.15 0.00	33.09 1.44 -8.25	35.67 0.39 -29.03
LWR__OSWEGATCHIE_HYD 23850	43.49 -1.49 0.00	41.14 -1.36 0.00	31.27 -1.02 0.00	30.46 -1.00 0.00	29.74 -1.14 0.00	35.21 -1.20 0.00	46.37 -1.65 0.00	36.62 -1.21 0.00	31.25 -1.42 0.00	8.78 -0.49 0.00	-11.90 0.77 0.00	-7.10 0.37 0.00	10.41 -0.73 0.00	-10.45 0.79 0.00	-5.19 0.45 0.00	-12.47 0.11 11.41	11.41 -1.12 0.00	27.39 -2.47 0.00	31.51 -2.24 0.00	54.04 -3.26 0.00	48.17 -2.02 0.00	34.29 -1.68 0.00	22.14 -1.26 0.00	5.93 -0.32 0.00
LYONS_FALL_HYD 23570	44.70 -0.28 0.00	42.39 -0.10 0.00	32.26 -0.03 0.00	31.49 0.03 0.00	30.76 -0.12 0.00	36.38 -0.03 0.00	47.97 -0.06 0.00	37.70 -0.12 0.00	32.10 -0.57 0.00	9.01 -0.27 0.00	-12.23 0.44 0.00	-7.32 0.15 0.00	10.74 -0.41 0.00	-10.79 0.46 0.00	-5.34 0.29 0.00	-1.10 0.07 0.00	11.93 -0.60 0.00	28.63 -1.23 0.00	33.14 -0.66 -0.04	56.72 -0.58 0.00	50.32 0.14 0.00	35.78 -0.18 0.00	23.03 -0.37 0.00	6.14 -0.12 0.00
MADISON__COUNTY_LFGE 323628	45.62 0.64 0.00	43.19 0.69 0.00	32.79 0.49 0.00	31.99 0.54 0.00	31.37 0.49 0.00	37.03 0.63 0.00	48.88 0.85 0.00	38.30 0.48 0.00	32.69 0.02 0.00	9.23 -0.04 0.00	-12.62 0.06 0.00	-7.42 0.04 0.00	11.09 -0.05 0.00	-11.18 0.07 0.00	-5.59 0.05 0.00	2.41 0.01 -3.57	12.59 0.06 0.00	30.02 0.16 0.00	34.40 0.59 -0.06	58.55 1.25 0.00	51.45 1.27 0.00	36.76 0.79 0.00	23.81 0.41 0.00	6.34 0.08 0.00
MALONE__115KV_TB1 356076	44.90 -0.09 0.00	42.34 -0.16 0.00	32.12 -0.17 0.00	31.21 -0.24 0.00	30.58 -0.30 0.00	36.20 -0.20 0.00	47.71 -0.32 0.00	37.86 0.04 0.00	32.63 -0.05 0.00	9.24 -0.04 0.00	-12.52 0.15 0.00	-7.42 0.04 0.00	10.94 -0.20 0.00	-11.03 0.22 0.00	-5.49 0.14 0.00	-4.05 0.04 2.92	12.07 -0.46 0.00	28.92 -0.94 0.00	32.80 -0.95 0.00	55.80 -1.50 0.00	49.45 -0.74 0.00	35.40 -0.57 0.00	22.88 -0.52 0.00	6.12 -0.13 0.00
MAPLEWOD_115KV_TB3 80458	46.34 1.36 0.00	43.95 1.45 0.00	33.51 1.21 0.00	32.63 1.17 0.00	32.09 1.21 0.00	37.71 1.30 0.00	49.69 1.66 0.00	39.13 1.31 0.00	33.93 1.26 0.00	23.60 0.38 -13.95	67.64 -0.50 -80.82	433.93 -0.32 -441.71	36.24 0.49 -24.61	24.04 -0.49 -35.79	13.90 -0.24 -19.78	25.06 -0.05 -26.29	27.96 0.53 -14.90	40.56 1.26 -9.44	38.46 1.44 -3.27	69.28 2.47 -9.51	52.21 2.02 0.00	37.45 1.49 0.00	32.61 1.06 -8.15	35.22 0.31 -28.66
MAPLE_RIDGE_WT_1 323574	44.70 -0.28 0.00	42.27 -0.23 0.00	32.12 -0.18 0.00	31.30 -0.16 0.00	30.66 -0.23 0.00	36.18 -0.23 0.00	47.81 -0.21 0.00	37.72 -0.10 0.00	32.57 -0.10 0.00	9.22 -0.06 0.00	-12.54 0.13 0.00	-7.43 0.04 0.00	11.03 -0.12 0.00	-11.10 0.15 0.00	-5.53 0.11 0.00	-1.14 0.03 0.00	12.20 -0.33 0.00	29.23 -0.63 0.00	33.19 -0.56 0.00	56.21 -1.09 0.00	49.57 -0.62 0.00	35.37 -0.60 0.00	22.97 -0.43 0.00	6.15 -0.10 0.00
MAPLE_RIDGE_WT_2 323611	44.70 -0.28 0.00	42.27 -0.23 0.00	32.12 -0.18 0.00	31.30 -0.16 0.00	30.66 -0.23 0.00	36.18 -0.23 0.00	47.81 -0.21 0.00	37.72 -0.10 0.00	32.57 -0.10 0.00	9.22 -0.06 0.00	-12.54 0.13 0.00	-7.43 0.04 0.00	11.03 -0.12 0.00	-11.10 0.15 0.00	-5.53 0.11 0.00	-1.14 0.03 0.00	12.20 -0.33 0.00	29.23 -0.63 0.00	33.19 -0.56 0.00	56.21 -1.09 0.00	49.57 -0.62 0.00	35.37 -0.60 0.00	22.97 -0.43 0.00	6.15 -0.10 0.00
MARBLE_RIVER_WT_PWR 323696	44.87 -0.11 0.00	42.33 -0.17 0.00	32.12 -0.17 0.00	31.21 -0.25 0.00	30.58 -0.30 0.00	36.19 -0.22 0.00	47.73 -0.30 0.00	37.77 -0.05 0.00	32.60 -0.08 0.00	9.25 -0.03 0.00	-12.57 0.11 0.00	-7.45 0.01 0.00	10.97 -0.17 0.00	-11.06 0.19 0.00	-5.52 0.12 0.00	-2.61 0.03 1.47	12.16 -0.37 0.00	29.11 -0.75 0.00	32.97 -0.78 0.00	56.01 -1.30 0.00	49.34 -0.84 0.00	35.32 -0.65 0.00	22.86 -0.55 0.00	6.11 -0.14 0.00
MARSHVLE_115KV_TB1 80742	47.04 2.06 0.00	44.51 2.01 0.00	33.79 1.49 0.00	32.83 1.38 0.00	32.21 1.33 0.00	38.09 1.68 0.00	50.56 2.54 0.00	39.52 1.65 -0.05	33.49 0.81 0.00	24.10 0.08 -14.74	72.46 -0.28 -85.42	459.27 -0.11 -466.85	37.28 0.13 -26.01	26.54 -0.04 -37.83	15.29 0.02 -20.91	26.62 0.01 -27.78	28.27 -0.01 -15.75	40.14 0.30 -9.99	38.56 1.12 -3.69	71.13 2.99 -10.84	54.87 2.88 -1.80	38.02 2.06 0.00	33.22 1.21 -8.61	36.83 0.29 -30.29
MARSH_HILL_WT_PWR 323713	42.84 -2.15 0.00	41.04 -1.46 0.00	30.69 -1.61 0.00	30.16 -1.30 0.00	29.46 -1.43 0.00	35.18 -1.22 0.00	45.79 -2.23 0.00	35.10 -2.37 0.35	30.35 -2.32 0.00	8.93 -0.67 -0.32	-9.70 0.90 -2.06	11.35 0.84 -17.98	22.57 -0.91 -12.34	-3.87 0.88 -6.49	3.94 0.51 -9.06	7.40 0.08 -8.49	35.79 -1.04 -24.30	65.49 -2.48 -38.10	74.33 -2.86 -43.44	99.55 -4.27 -46.52	78.50 -3.47 -31.77	79.45 -2.21 -45.69	40.35 -1.40 -18.34	6.37 -0.53 -0.64
MCINTYRE_115KV_TB2 80467	45.21 0.23 0.00	42.60 0.10 0.00	32.27 -0.03 0.00	31.38 -0.07 0.00	30.73 -0.15 0.00	36.38 -0.02 0.00	47.88 -0.14 0.00	37.84 0.01 0.00	32.37 -0.30 0.00	9.12 -0.15 0.00	-12.35 0.32 0.00	-7.33 0.14 0.00	10.81 -0.33 0.00	-10.86 0.39 0.00	-5.42 0.21 0.00	-6.16 0.05 5.05	11.91 -0.62 0.00	28.48 -1.38 0.00	32.32 -1.44 0.00	55.34 -1.96 0.00	49.54 -0.64 0.00	35.48 -0.48 0.00	22.99 -0.41 0.00	6.17 -0.09 0.00
MECO____69_KV_BK1 80468	47.50 2.52 0.00	44.95 2.45 0.00	34.15 1.86 0.00	33.22 1.77 0.00	32.63 1.75 0.00	38.52 2.12 0.00	50.98 2.96 0.00	39.92 2.06 -0.03	33.85 1.18 0.00	23.96 0.16 -14.52	71.05 -0.43 -84.16	452.31 -0.20 -459.98	37.00 0.24 -25.62	25.82 -0.19 -37.27	14.94 -0.03 -20.60	26.20 0.00 -27.37	28.04 -0.01 -15.52	40.06 0.36 -9.84	38.75 1.45 -3.55	71.55 3.80 -10.45	55.03 3.60 -1.25	38.50 2.54 0.00	33.44 1.55 -8.48	36.49 0.39 -29.84

MENANDS__115KV_TB5 355628	46.13 1.15 0.00	43.77 1.27 0.00	33.38 1.09 0.00	32.51 1.05 0.00	31.97 1.10 0.00	37.56 1.16 0.00	49.49 1.47 0.00	38.99 1.17 0.00	33.83 1.16 0.00	23.56 0.36 -13.93	67.59 -0.47 -80.73	433.50 -0.29 -441.25	36.19 0.46 -24.58	24.04 -0.46 -35.75	13.89 -0.23 -19.76	25.04 -0.05 -26.26	27.92 0.51 -14.88	40.49 1.20 -9.43	38.34 1.33 -3.26	69.01 2.21 -9.50	51.96 1.77 0.00	37.29 1.33 0.00	32.50 0.96 -8.14	35.17 0.29 -28.63
MG INDUSTRY__DRP 24185	46.19 1.20 0.00	43.81 1.31 0.00	33.40 1.10 0.00	32.53 1.08 0.00	31.99 1.11 0.00	37.61 1.20 0.00	49.54 1.52 0.00	39.00 1.18 0.00	33.81 1.14 0.00	23.38 0.34 -13.76	66.67 -0.43 -79.78	428.32 -0.23 -436.01	35.84 0.40 -24.29	23.68 -0.40 -35.33	13.69 -0.20 -19.53	24.73 -0.04 -25.95	27.65 0.41 -14.71	40.17 0.99 -9.32	38.21 1.24 -3.21	68.85 2.16 -9.39	51.94 1.75 0.00	37.25 1.29 0.00	32.36 0.91 -8.04	34.82 0.27 -28.29
MID__OSWEGATCHIE_HYD 23849	43.49 -1.49 0.00	41.14 -1.36 0.00	31.27 -1.02 0.00	30.46 -1.00 0.00	29.74 -1.14 0.00	35.21 -1.20 0.00	46.37 -1.65 0.00	36.62 -1.21 0.00	31.25 -1.42 0.00	8.78 -0.49 0.00	-11.90 0.77 0.00	-7.10 0.37 0.00	10.41 -0.73 0.00	-10.45 0.79 0.00	-5.19 0.45 0.00	-12.47 0.11 11.41	11.41 -1.12 0.00	27.39 -2.47 0.00	31.51 -2.24 0.00	54.04 -3.26 0.00	48.17 -2.02 0.00	34.29 -1.68 0.00	22.14 -1.26 0.00	5.93 -0.32 0.00
MID__RAQUETTE_HYD 23851	43.83 -1.15 0.00	41.33 -1.17 0.00	31.35 -0.95 0.00	30.47 -0.99 0.00	29.83 -1.05 0.00	35.30 -1.10 0.00	46.48 -1.54 0.00	36.82 -1.00 0.00	31.64 -1.04 0.00	8.94 -0.34 0.00	-12.11 0.56 0.00	-7.20 0.27 0.00	10.57 -0.58 0.00	-10.62 0.63 0.00	-5.30 0.34 0.00	-7.03 0.08 5.94	11.63 -0.90 0.00	27.84 -2.02 0.00	31.67 -2.09 0.00	54.02 -3.28 0.00	48.04 -2.15 0.00	34.37 -1.60 0.00	22.26 -1.14 0.00	5.99 -0.27 0.00
MILLIKEN__1 23584	44.99 0.00 0.00	42.68 0.19 0.00	32.30 0.01 0.00	31.57 0.11 0.00	30.97 0.08 0.00	36.69 0.29 0.00	48.42 0.39 0.00	37.75 -0.04 0.03	32.17 -0.50 0.00	9.50 -0.20 -0.43	-9.94 0.24 -2.50	6.39 0.21 -13.64	11.68 -0.23 -0.76	-9.91 0.23 -1.10	-4.93 0.09 -0.61	-0.35 0.02 -0.81	13.86 -0.02 -1.35	32.48 -0.02 -2.64	37.43 0.14 -3.53	63.88 0.52 -6.06	53.40 0.62 -2.59	40.19 0.39 -3.82	25.32 0.15 -1.77	7.14 0.01 -0.88
MILLIKEN__2 23585	44.99 0.00 0.00	42.68 0.19 0.00	32.30 0.01 0.00	31.57 0.11 0.00	30.97 0.08 0.00	36.69 0.29 0.00	48.42 0.39 0.00	37.75 -0.04 0.03	32.17 -0.50 0.00	9.50 -0.20 -0.43	-9.94 0.24 -2.50	6.39 0.21 -13.64	11.68 -0.23 -0.76	-9.91 0.23 -1.10	-4.93 0.09 -0.61	-0.35 0.02 -0.81	13.86 -0.02 -1.35	32.48 -0.02 -2.64	37.43 0.14 -3.53	63.88 0.52 -6.06	53.40 0.62 -2.59	40.19 0.39 -3.82	25.32 0.15 -1.77	7.14 0.01 -0.88
MILLIKEN__DIESEL 23629	44.99 0.00 0.00	42.68 0.19 0.00	32.30 0.01 0.00	31.57 0.11 0.00	30.97 0.08 0.00	36.69 0.29 0.00	48.42 0.39 0.00	37.75 -0.04 0.03	32.17 -0.50 0.00	9.50 -0.20 -0.43	-9.94 0.24 -2.50	6.39 0.21 -13.64	11.68 -0.23 -0.76	-9.91 0.23 -1.10	-4.93 0.09 -0.61	-0.35 0.02 -0.81	13.86 -0.02 -1.35	32.48 -0.02 -2.64	37.43 0.14 -3.53	63.88 0.52 -6.06	53.40 0.62 -2.59	40.19 0.39 -3.82	25.32 0.15 -1.77	7.14 0.01 -0.88
MILLSEAT__LFGE 323607	42.37 -2.62 0.00	40.97 -1.53 0.00	30.73 -1.56 0.00	30.04 -1.41 0.00	29.27 -1.61 0.00	34.98 -1.42 0.00	45.68 -2.34 0.00	35.56 -2.07 0.19	30.61 -2.07 0.00	8.94 -0.56 -0.23	-10.91 0.43 -1.33	0.24 0.42 -7.28	11.18 -0.37 -0.41	-10.31 0.35 -0.59	-5.16 0.15 -0.33	-0.72 0.01 -0.43	10.67 -0.26 1.60	24.44 -0.75 4.67	25.75 -1.05 6.95	42.82 -2.51 11.97	33.64 -2.24 14.31	26.71 -1.50 7.76	19.25 -1.19 2.95	6.32 -0.39 -0.46
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	47.03 2.05 0.00	44.79 2.29 0.00	34.11 1.81 0.00	33.19 1.74 0.00	32.70 1.82 0.00	38.30 1.90 0.00	50.51 2.49 0.00	39.88 2.06 0.00	34.85 2.18 0.00	22.47 0.65 -12.55	59.23 -0.83 -72.73	389.55 -0.51 -397.52	33.99 0.70 -22.14	20.23 -0.73 -32.21	11.78 -0.39 -17.80	22.41 -0.08 -23.66	26.95 1.00 -13.41	40.76 2.40 -8.49	39.17 2.52 -2.90	70.11 4.25 -8.56	53.40 3.21 0.00	38.25 2.29 0.00	32.30 1.56 -7.33	32.46 0.41 -25.79
MILLWOOD_13_KV_LOAD 356217	47.10 2.12 0.00	44.85 2.35 0.00	34.15 1.86 0.00	33.25 1.79 0.00	32.75 1.86 0.00	38.36 1.96 0.00	50.58 2.56 0.00	39.94 2.12 0.00	34.89 2.22 0.00	22.49 0.66 -12.55	59.21 -0.85 -72.73	389.55 -0.51 -397.52	34.01 0.72 -22.14	20.21 -0.74 -32.21	11.77 -0.39 -17.80	22.41 -0.08 -23.66	26.96 1.02 -13.41	40.79 2.44 -8.49	39.22 2.57 -2.90	70.22 4.35 -8.56	53.50 3.31 0.00	38.32 2.35 0.00	32.34 1.61 -7.33	32.47 0.43 -25.79
MODEL_CITY_ENERGY 24167	40.85 -4.13 0.00	39.65 -2.85 0.00	29.73 -2.57 0.00	29.04 -2.41 0.00	28.25 -2.64 0.00	33.80 -2.61 0.00	44.01 -4.01 0.00	34.44 -3.17 0.21	29.92 -2.75 0.00	8.79 -0.72 -0.24	-10.74 0.53 -1.40	0.70 0.52 -7.64	11.09 -0.48 -0.43	-10.19 0.45 -0.62	-5.10 0.19 -0.34	-0.70 0.02 -0.46	10.03 -0.40 2.10	22.58 -1.27 6.01	22.91 -1.95 8.89	38.19 -4.36 14.75	29.07 -3.95 17.17	23.38 -2.67 9.92	17.65 -1.94 3.81	6.13 -0.60 -0.47
MODERN_LFGE__ 323580	40.85 -4.13 0.00	39.65 -2.85 0.00	29.73 -2.57 0.00	29.04 -2.41 0.00	28.25 -2.64 0.00	33.80 -2.61 0.00	44.01 -4.01 0.00	34.44 -3.17 0.21	29.92 -2.75 0.00	8.79 -0.72 -0.24	-10.74 0.53 -1.40	0.70 0.52 -7.64	11.09 -0.48 -0.43	-10.19 0.45 -0.62	-5.10 0.19 -0.34	-0.70 0.02 -0.46	10.03 -0.40 2.10	22.58 -1.27 6.01	22.91 -1.95 8.89	38.19 -4.36 14.75	29.07 -3.95 17.17	23.38 -2.67 9.92	17.65 -1.94 3.81	6.13 -0.60 -0.47
MOHAWK_PAPER__DRP 24187	46.34 1.36 0.00	43.95 1.45 0.00	33.51 1.21 0.00	32.63 1.17 0.00	32.09 1.21 0.00	37.71 1.30 0.00	49.69 1.66 0.00	39.13 1.31 0.00	33.93 1.26 0.00	23.60 0.38 -13.95	67.64 -0.50 -80.82	433.93 -0.32 -441.71	36.24 0.49 -24.61	24.04 -0.49 -35.79	13.90 -0.24 -19.78	25.06 -0.05 -26.29	27.96 0.53 -14.90	40.56 1.26 -9.44	38.46 1.44 -3.27	69.28 2.47 -9.51	52.21 2.02 0.00	37.45 1.49 0.00	32.61 1.06 -8.15	35.22 0.31 -28.66
MOHICAN__35_KV_115KV_LD 80490	47.69 2.71 0.00	45.16 2.66 0.00	34.40 2.11 0.00	33.59 2.14 0.00	33.02 2.13 0.00	38.88 2.47 0.00	51.24 3.22 0.00	40.22 2.40 0.00	34.81 2.14 0.00	24.02 0.61 -14.13	68.35 -0.88 -81.90	439.68 -0.49 -447.63	36.78 0.70 -24.93	24.27 -0.75 -36.27	14.06 -0.35 -20.05	25.40 -0.07 -26.64	28.34 0.71 -15.10	41.28 1.85 -9.57	39.35 2.28 -3.32	70.93 3.99 -9.64	53.75 3.56 0.00	38.63 2.67 0.00	33.36 1.71 -8.26	35.76 0.46 -29.04
MONGAUP__HYD 23641	47.23 2.25 0.00	44.89 2.39 0.00	34.25 1.96 0.00	33.35 1.90 0.00	32.85 1.96 0.00	38.39 1.99 0.00	50.40 2.38 0.00	39.66 1.84 0.00	34.42 1.75 0.00	21.91 0.52 -12.11	56.89 -0.61 -70.18	375.72 -0.37 -383.56	33.05 0.54 -21.36	19.22 -0.60 -31.08	11.22 -0.32 -17.18	21.59 -0.06 -22.82	26.26 0.79 -12.94	39.78 1.72 -8.20	38.55 2.01 -2.79	69.45 3.89 -8.26	53.49 3.30 0.00	38.28 2.32 0.00	32.04 1.57 -7.07	31.54 0.40 -24.89

MONTAUK___DIESEL 23721	56.59 3.92 -7.69	47.62 3.48 -1.65	41.76 1.92 -7.55	38.01 1.42 -5.13	54.11 1.58 -21.65	54.11 1.63 -16.07	51.90 2.16 -1.72	54.70 2.04 -14.84	39.54 2.05 -4.82	23.58 0.52 -13.78	60.15 -0.39 -73.21	117.15 0.09 -124.52	46.65 0.41 -35.09	21.21 -0.54 -33.00	25.53 -0.42 -31.59	23.42 -0.07 -24.66	45.84 0.88 -32.43	58.95 2.55 -26.53	71.38 2.66 -34.97	91.64 4.13 -30.21	107.76 4.13 -53.44	82.57 4.06 -42.54	62.16 2.71 -36.05	50.69 0.46 -43.98
MOONROAD_115KV_HARTFLD_TB1-2 355988	42.79 -2.20 0.00	41.25 -1.24 0.00	30.69 -1.60 0.00	30.03 -1.42 0.00	29.33 -1.56 0.00	35.11 -1.30 0.00	45.86 -2.17 0.00	35.50 -2.05 0.27	30.80 -1.87 0.00	8.87 -0.67 -0.27	-10.42 0.68 -1.57	1.55 0.46 -8.55	11.25 -0.38 -0.48	-10.04 0.51 -0.69	-4.95 0.30 -0.38	-0.62 0.05 -0.51	9.82 -0.74 1.97	22.32 -1.82 5.72	23.14 -2.08 8.53	38.42 -3.48 15.41	28.23 -3.00 18.96	24.69 -1.78 9.50	18.16 -1.62 3.63	6.18 -0.60 -0.53
MORRIS_RIDGE___SOLAR 323848	42.20 -2.79 0.00	40.54 -1.96 0.00	30.38 -1.91 0.00	29.87 -1.58 0.00	29.11 -1.78 0.00	34.77 -1.64 0.00	45.26 -2.77 0.00	34.72 -2.77 0.34	29.95 -2.72 0.00	8.85 -0.73 -0.30	-10.35 0.94 -1.38	-11.66 0.78 4.98	-11.16 -0.82 21.49	-20.22 0.86 9.83	-20.87 0.43 15.67	-15.28 0.07 14.18	-27.66 -0.85 39.35	-29.77 -2.08 57.55	-31.58 -2.56 62.77	-30.41 -4.35 83.37	-29.40 -3.67 75.91	-31.06 -2.46 64.57	-3.69 -1.60 25.49	6.33 -0.53 -0.60
MORTIMER_115KV_TB3 55949	43.41 -1.57 0.00	41.53 -0.96 0.00	31.33 -0.96 0.00	30.58 -0.87 0.00	29.91 -0.97 0.00	35.54 -0.87 0.00	46.69 -1.34 0.00	36.45 -1.26 0.12	31.44 -1.24 0.00	9.13 -0.34 -0.20	-11.18 0.32 -1.17	-0.24 0.26 -6.96	12.27 -0.26 -1.38	-10.05 0.20 -1.01	-4.51 0.09 -1.03	-0.10 0.01 -1.06	13.75 -0.14 -1.36	30.35 -0.47 -0.96	33.27 -0.76 -0.27	53.52 -1.72 2.06	43.90 -1.63 4.66	34.85 -1.12 0.00	22.67 -0.85 -0.12	6.39 -0.27 -0.41
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	47.23 2.25 0.00	44.99 2.49 0.00	34.26 1.97 0.00	33.34 1.89 0.00	32.84 1.96 0.00	38.44 2.04 0.00	50.70 2.67 0.00	40.10 2.27 0.00	35.26 2.47 -0.12	30.75 0.75 -20.73	61.44 -0.95 -75.07	390.29 -0.58 -398.33	34.09 0.75 -22.19	20.24 -0.78 -32.27	11.78 -0.42 -17.84	22.45 -0.08 -23.70	27.07 1.11 -13.44	41.01 2.64 -8.51	39.39 2.73 -2.91	70.46 4.58 -8.58	53.50 3.32 0.00	38.33 2.37 0.00	32.38 1.63 -7.35	32.53 0.43 -25.85
MUNSVILLE_WIND_PWR 323609	47.48 2.49 0.00	45.29 2.80 0.00	34.07 1.78 0.00	33.21 1.76 0.00	32.65 1.77 0.00	38.91 2.51 0.00	51.47 3.44 0.00	40.09 2.14 -0.13	33.35 0.68 0.00	10.86 0.00 -1.58	-3.89 -0.37 -9.16	42.13 0.07 -49.53	12.91 -0.09 -1.85	-7.64 0.00 -3.61	-4.04 0.04 -1.56	1.21 0.03 -2.35	14.06 0.17 -1.36	32.90 0.89 -2.15	38.49 1.69 -3.04	69.08 4.41 -7.36	62.24 4.19 -7.87	41.73 2.85 -2.91	27.01 1.53 -2.08	9.90 0.39 -3.25
N SALMON___HYD 24042	44.90 -0.09 0.00	42.34 -0.16 0.00	32.12 -0.17 0.00	31.21 -0.24 0.00	30.58 -0.30 0.00	36.20 -0.20 0.00	47.71 -0.32 0.00	37.86 0.04 0.00	32.63 -0.04 0.00	9.24 -0.04 0.00	-12.52 0.15 0.00	-7.45 0.02 0.00	10.95 -0.20 0.00	-11.02 0.23 0.00	-5.49 0.15 0.00	-4.05 0.04 2.92	12.07 -0.46 0.00	28.91 -0.95 0.00	32.80 -0.95 0.00	55.80 -1.51 0.00	49.45 -0.74 0.00	35.40 -0.57 0.00	22.88 -0.52 0.00	6.12 -0.13 0.00
N.AKRON__115KV_KNAPP 355671	42.07 -2.91 0.00	40.72 -1.79 0.00	30.55 -1.75 0.00	29.85 -1.60 0.00	29.08 -1.80 0.00	34.77 -1.64 0.00	45.36 -2.67 0.00	35.37 -2.26 0.20	30.53 -2.14 0.00	8.93 -0.58 -0.23	-10.88 0.45 -1.35	0.31 0.39 -7.37	11.14 -0.42 -0.41	-10.39 0.27 -0.60	-5.18 0.12 -0.33	-0.72 0.01 -0.44	10.52 -0.26 1.75	23.95 -0.83 5.08	24.98 -1.23 7.54	41.60 -2.90 12.80	32.44 -2.59 15.15	25.80 -1.75 8.42	18.83 -1.36 3.21	6.27 -0.45 -0.46
N.BELMOR_69_KV_BK1 55787	58.23 2.78 -10.47	47.76 3.02 -2.24	44.95 2.38 -10.28	40.75 2.30 -6.99	62.76 2.39 -29.49	60.84 2.55 -21.89	53.61 3.25 -2.34	60.76 2.73 -20.20	42.01 2.78 -6.56	23.84 0.78 -13.78	59.66 -0.87 -73.21	178.35 -0.44 -186.25	51.56 0.89 -39.53	21.12 -0.89 -33.26	30.44 -0.49 -36.57	23.74 -0.10 -25.01	53.04 1.21 -39.30	65.79 2.87 -33.06	83.34 3.01 -46.58	100.36 5.05 -38.01	126.84 3.94 -72.71	96.31 2.87 -57.48	71.59 1.93 -46.26	56.58 0.51 -49.81
N.E._GEN_SANDY PD 24062	53.46 1.78 -6.69	56.54 1.93 -12.10	42.15 1.57 -8.30	44.25 1.53 -11.26	45.80 1.56 -13.35	49.34 1.66 -11.27	61.72 2.14 -11.55	40.98 1.70 -1.45	34.32 1.64 0.00	28.71 0.51 -18.93	87.81 -0.69 -101.17	247.73 -0.41 -255.61	87.26 0.61 -75.50	58.98 -0.64 -70.87	55.37 -0.33 -61.34	59.10 -0.07 -60.34	171.09 0.73 -157.82	53.79 1.74 -22.19	45.01 1.84 -9.43	77.16 3.13 -16.73	60.29 2.52 -7.57	38.12 1.82 -0.34	55.36 1.30 -30.66	54.93 0.35 -48.33
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	47.04 2.06 0.00	44.82 2.32 0.00	34.11 1.82 0.00	33.20 1.75 0.00	32.71 1.84 0.00	38.34 1.93 0.00	50.57 2.54 0.00	39.89 2.06 0.00	34.83 2.15 0.00	22.33 0.64 -12.41	58.43 -0.82 -71.92	385.14 -0.50 -393.11	33.76 0.72 -21.90	19.86 -0.74 -31.85	11.57 -0.39 -17.60	22.14 -0.08 -23.39	26.81 1.01 -13.26	40.69 2.43 -8.40	39.16 2.54 -2.87	70.08 4.31 -8.46	53.50 3.31 0.00	38.31 2.35 0.00	32.28 1.62 -7.25	32.19 0.43 -25.51
N.QUEENS_27_KV_LOAD 356247	47.22 2.24 0.00	44.94 2.44 0.00	34.24 1.94 0.00	33.28 1.82 0.00	32.78 1.90 0.00	38.32 1.92 0.01	50.63 2.61 0.01	40.17 2.35 0.00	35.35 2.52 -0.16	33.65 0.79 -23.58	62.08 -0.97 -75.72	390.27 -0.60 -398.33	34.11 0.78 -22.19	20.26 -0.76 -32.27	11.80 -0.41 -17.84	22.46 -0.08 -23.70	27.03 1.07 -13.43	40.90 2.53 -8.51	39.38 2.72 -2.91	70.38 4.50 -8.57	53.38 3.20 0.00	38.34 2.38 0.00	32.38 1.63 -7.35	32.54 0.44 -25.85
N.TROY___115KV_TB1 355778	46.57 1.59 0.00	44.20 1.70 0.00	33.63 1.34 0.00	32.77 1.32 0.00	32.22 1.34 0.00	37.88 1.47 0.00	49.92 1.89 0.00	39.29 1.47 0.00	34.03 1.36 0.00	23.70 0.41 -14.01	67.97 -0.58 -81.22	436.09 -0.35 -443.90	36.39 0.51 -24.73	24.19 -0.52 -35.97	13.98 -0.27 -19.88	25.19 -0.06 -26.41	28.05 0.55 -14.97	40.69 1.34 -9.49	38.53 1.49 -3.28	69.47 2.61 -9.56	52.36 2.18 0.00	37.56 1.59 0.00	32.72 1.13 -8.19	35.37 0.31 -28.80
NARROWS_GT1_1 24228	47.44 2.46 0.00	45.18 2.69 0.00	34.40 2.11 0.00	33.46 2.01 0.00	32.95 2.07 0.00	38.56 2.15 0.00	50.90 2.88 0.00	40.30 2.48 0.00	35.50 2.67 -0.16	33.71 0.85 -23.58	62.04 -1.00 -75.72	390.24 -0.62 -398.33	34.16 0.83 -22.19	20.13 -0.90 -32.27	11.73 -0.47 -17.84	22.44 -0.09 -23.71	27.15 1.18 -13.44	41.17 2.80 -8.51	39.57 2.91 -2.91	70.79 4.91 -8.58	53.81 3.62 0.00	38.56 2.59 0.00	32.54 1.79 -7.35	32.58 0.48 -25.85
NARROWS_GT1_2 24229	47.44 2.46 0.00	45.18 2.69 0.00	34.40 2.11 0.00	33.46 2.01 0.00	32.95 2.07 0.00	38.56 2.15 0.00	50.90 2.88 0.00	40.30 2.48 0.00	35.50 2.67 -0.16	33.71 0.85 -23.58	62.04 -1.00 -75.72	390.24 -0.62 -398.33	34.16 0.83 -22.19	20.13 -0.90 -32.27	11.73 -0.47 -17.84	22.44 -0.09 -23.71	27.15 1.18 -13.44	41.17 2.80 -8.51	39.57 2.91 -2.91	70.79 4.91 -8.58	53.81 3.62 0.00	38.56 2.59 0.00	32.54 1.79 -7.35	32.58 0.48 -25.85

NARROWS_GT1_3 24230	47.44 2.46 0.00	45.18 2.69 0.00	34.40 2.11 0.00	33.46 2.01 0.00	32.95 2.07 0.00	38.56 2.15 0.00	50.90 2.88 0.00	40.30 2.48 0.00	35.50 2.67 -0.16	33.71 0.85 -23.58	62.04 -1.00 -75.72	390.24 -0.62 -398.33	34.16 0.83 -22.19	20.13 -0.90 -32.27	11.73 -0.47 -17.84	22.44 -0.09 -23.71	27.15 1.18 -13.44	41.17 2.80 -8.51	39.57 2.91 -2.91	70.79 4.91 -8.58	53.81 3.62 0.00	38.56 2.59 0.00	32.54 1.79 -7.35	32.58 0.48 -25.85
NARROWS_GT1_4 24231	47.44 2.46 0.00	45.18 2.69 0.00	34.40 2.11 0.00	33.46 2.01 0.00	32.95 2.07 0.00	38.56 2.15 0.00	50.90 2.88 0.00	40.30 2.48 0.00	35.50 2.67 -0.16	33.71 0.85 -23.58	62.04 -1.00 -75.72	390.24 -0.62 -398.33	34.16 0.83 -22.19	20.13 -0.90 -32.27	11.73 -0.47 -17.84	22.44 -0.09 -23.71	27.15 1.18 -13.44	41.17 2.80 -8.51	39.57 2.91 -2.91	70.79 4.91 -8.58	53.81 3.62 0.00	38.56 2.59 0.00	32.54 1.79 -7.35	32.58 0.48 -25.85
NARROWS_GT1_5 24232	47.44 2.46 0.00	45.18 2.69 0.00	34.40 2.11 0.00	33.46 2.01 0.00	32.95 2.07 0.00	38.56 2.15 0.00	50.90 2.88 0.00	40.30 2.48 0.00	35.50 2.67 -0.16	33.71 0.85 -23.58	62.04 -1.00 -75.72	390.24 -0.62 -398.33	34.16 0.83 -22.19	20.13 -0.90 -32.27	11.73 -0.47 -17.84	22.44 -0.09 -23.71	27.15 1.18 -13.44	41.17 2.80 -8.51	39.57 2.91 -2.91	70.79 4.91 -8.58	53.81 3.62 0.00	38.56 2.59 0.00	32.54 1.79 -7.35	32.58 0.48 -25.85
NARROWS_GT1_6 24233	47.44 2.46 0.00	45.18 2.69 0.00	34.40 2.11 0.00	33.46 2.01 0.00	32.95 2.07 0.00	38.56 2.15 0.00	50.90 2.88 0.00	40.30 2.48 0.00	35.50 2.67 -0.16	33.71 0.85 -23.58	62.04 -1.00 -75.72	390.24 -0.62 -398.33	34.16 0.83 -22.19	20.13 -0.90 -32.27	11.73 -0.47 -17.84	22.44 -0.09 -23.71	27.15 1.18 -13.44	41.17 2.80 -8.51	39.57 2.91 -2.91	70.79 4.91 -8.58	53.81 3.62 0.00	38.56 2.59 0.00	32.54 1.79 -7.35	32.58 0.48 -25.85
NARROWS_GT1_7 24234	47.44 2.46 0.00	45.18 2.69 0.00	34.40 2.11 0.00	33.46 2.01 0.00	32.95 2.07 0.00	38.56 2.15 0.00	50.90 2.88 0.00	40.30 2.48 0.00	35.50 2.67 -0.16	33.71 0.85 -23.58	62.04 -1.00 -75.72	390.24 -0.62 -398.33	34.16 0.83 -22.19	20.13 -0.90 -32.27	11.73 -0.47 -17.84	22.44 -0.09 -23.71	27.15 1.18 -13.44	41.17 2.80 -8.51	39.57 2.91 -2.91	70.79 4.91 -8.58	53.81 3.62 0.00	38.56 2.59 0.00	32.54 1.79 -7.35	32.58 0.48 -25.85
NARROWS_GT1_8 24235	47.44 2.46 0.00	45.18 2.69 0.00	34.40 2.11 0.00	33.46 2.01 0.00	32.95 2.07 0.00	38.56 2.15 0.00	50.90 2.88 0.00	40.30 2.48 0.00	35.50 2.67 -0.16	33.71 0.85 -23.58	62.04 -1.00 -75.72	390.24 -0.62 -398.33	34.16 0.83 -22.19	20.13 -0.90 -32.27	11.73 -0.47 -17.84	22.44 -0.09 -23.71	27.15 1.18 -13.44	41.17 2.80 -8.51	39.57 2.91 -2.91	70.79 4.91 -8.58	53.81 3.62 0.00	38.56 2.59 0.00	32.54 1.79 -7.35	32.58 0.48 -25.85
NARROWS_GT2_1 24236	47.44 2.46 0.00	45.18 2.69 0.00	34.40 2.11 0.00	33.46 2.01 0.00	32.95 2.07 0.00	38.56 2.15 0.00	50.90 2.88 0.00	40.30 2.48 0.00	35.50 2.67 -0.16	33.71 0.85 -23.58	62.04 -1.00 -75.72	390.24 -0.62 -398.33	34.16 0.83 -22.19	20.13 -0.90 -32.27	11.73 -0.47 -17.84	22.44 -0.09 -23.71	27.15 1.18 -13.44	41.17 2.80 -8.51	39.57 2.91 -2.91	70.79 4.91 -8.58	53.81 3.62 0.00	38.56 2.59 0.00	32.54 1.79 -7.35	32.58 0.48 -25.85
NARROWS_GT2_2 24237	47.44 2.46 0.00	45.18 2.69 0.00	34.40 2.11 0.00	33.46 2.01 0.00	32.95 2.07 0.00	38.56 2.15 0.00	50.90 2.88 0.00	40.30 2.48 0.00	35.50 2.67 -0.16	33.71 0.85 -23.58	62.04 -1.00 -75.72	390.24 -0.62 -398.33	34.16 0.83 -22.19	20.13 -0.90 -32.27	11.73 -0.47 -17.84	22.44 -0.09 -23.71	27.15 1.18 -13.44	41.17 2.80 -8.51	39.57 2.91 -2.91	70.79 4.91 -8.58	53.81 3.62 0.00	38.56 2.59 0.00	32.54 1.79 -7.35	32.58 0.48 -25.85
NARROWS_GT2_3 24238	47.44 2.46 0.00	45.18 2.69 0.00	34.40 2.11 0.00	33.46 2.01 0.00	32.95 2.07 0.00	38.56 2.15 0.00	50.90 2.88 0.00	40.30 2.48 0.00	35.50 2.67 -0.16	33.71 0.85 -23.58	62.04 -1.00 -75.72	390.24 -0.62 -398.33	34.16 0.83 -22.19	20.13 -0.90 -32.27	11.73 -0.47 -17.84	22.44 -0.09 -23.71	27.15 1.18 -13.44	41.17 2.80 -8.51	39.57 2.91 -2.91	70.79 4.91 -8.58	53.81 3.62 0.00	38.56 2.59 0.00	32.54 1.79 -7.35	32.58 0.48 -25.85
NARROWS_GT2_4 24239	47.44 2.46 0.00	45.18 2.69 0.00	34.40 2.11 0.00	33.46 2.01 0.00	32.95 2.07 0.00	38.56 2.15 0.00	50.90 2.88 0.00	40.30 2.48 0.00	35.50 2.67 -0.16	33.71 0.85 -23.58	62.04 -1.00 -75.72	390.24 -0.62 -398.33	34.16 0.83 -22.19	20.13 -0.90 -32.27	11.73 -0.47 -17.84	22.44 -0.09 -23.71	27.15 1.18 -13.44	41.17 2.80 -8.51	39.57 2.91 -2.91	70.79 4.91 -8.58	53.81 3.62 0.00	38.56 2.59 0.00	32.54 1.79 -7.35	32.58 0.48 -25.85
NARROWS_GT2_5 24240	47.44 2.46 0.00	45.18 2.69 0.00	34.40 2.11 0.00	33.46 2.01 0.00	32.95 2.07 0.00	38.56 2.15 0.00	50.90 2.88 0.00	40.30 2.48 0.00	35.50 2.67 -0.16	33.71 0.85 -23.58	62.04 -1.00 -75.72	390.24 -0.62 -398.33	34.16 0.83 -22.19	20.13 -0.90 -32.27	11.73 -0.47 -17.84	22.44 -0.09 -23.71	27.15 1.18 -13.44	41.17 2.80 -8.51	39.57 2.91 -2.91	70.79 4.91 -8.58	53.81 3.62 0.00	38.56 2.59 0.00	32.54 1.79 -7.35	32.58 0.48 -25.85
NARROWS_GT2_6 24241	47.44 2.46 0.00	45.18 2.69 0.00	34.40 2.11 0.00	33.46 2.01 0.00	32.95 2.07 0.00	38.56 2.15 0.00	50.90 2.88 0.00	40.30 2.48 0.00	35.50 2.67 -0.16	33.71 0.85 -23.58	62.04 -1.00 -75.72	390.24 -0.62 -398.33	34.16 0.83 -22.19	20.13 -0.90 -32.27	11.73 -0.47 -17.84	22.44 -0.09 -23.71	27.15 1.18 -13.44	41.17 2.80 -8.51	39.57 2.91 -2.91	70.79 4.91 -8.58	53.81 3.62 0.00	38.56 2.59 0.00	32.54 1.79 -7.35	32.58 0.48 -25.85
NARROWS_GT2_7 24242	47.44 2.46 0.00	45.18 2.69 0.00	34.40 2.11 0.00	33.46 2.01 0.00	32.95 2.07 0.00	38.56 2.15 0.00	50.90 2.88 0.00	40.30 2.48 0.00	35.50 2.67 -0.16	33.71 0.85 -23.58	62.04 -1.00 -75.72	390.24 -0.62 -398.33	34.16 0.83 -22.19	20.13 -0.90 -32.27	11.73 -0.47 -17.84	22.44 -0.09 -23.71	27.15 1.18 -13.44	41.17 2.80 -8.51	39.57 2.91 -2.91	70.79 4.91 -8.58	53.81 3.62 0.00	38.56 2.59 0.00	32.54 1.79 -7.35	32.58 0.48 -25.85
NARROWS_GT2_8 24243	47.44 2.46 0.00	45.18 2.69 0.00	34.40 2.11 0.00	33.46 2.01 0.00	32.95 2.07 0.00	38.56 2.15 0.00	50.90 2.88 0.00	40.30 2.48 0.00	35.50 2.67 -0.16	33.71 0.85 -23.58	62.04 -1.00 -75.72	390.24 -0.62 -398.33	34.16 0.83 -22.19	20.13 -0.90 -32.27	11.73 -0.47 -17.84	22.44 -0.09 -23.71	27.15 1.18 -13.44	41.17 2.80 -8.51	39.57 2.91 -2.91	70.79 4.91 -8.58	53.81 3.62 0.00	38.56 2.59 0.00	32.54 1.79 -7.35	32.58 0.48 -25.85
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	46.92 1.94 0.00	44.47 1.97 0.00	33.91 1.62 0.00	33.04 1.58 0.00	32.50 1.62 0.00	38.22 1.82 0.00	50.37 2.35 0.00	39.63 1.81 0.00	34.34 1.68 0.00	23.29 0.49 -13.53	65.17 -0.57 -78.41	420.82 -0.27 -428.56	35.50 0.48 -23.87	22.92 -0.55 -34.72	13.29 -0.26 -19.19	24.28 -0.06 -25.50	27.55 0.57 -14.45	40.41 1.39 -9.16	38.70 1.79 -3.16	69.90 3.36 -9.23	53.10 2.91 0.00	38.05 2.08 0.00	32.69 1.39 -7.90	34.46 0.40 -27.81

NCHELSEA_115KV_TR2 355582	47.30 2.31 0.00	44.99 2.49 0.00	34.27 1.97 0.00	33.35 1.90 0.00	32.84 1.96 0.00	38.51 2.10 0.00	50.76 2.73 0.00	40.06 2.24 0.00	34.91 2.24 0.00	22.54 0.66 -12.60	59.47 -0.86 -73.00	391.03 -0.52 -399.01	34.13 0.76 -22.23	20.31 -0.77 -32.33	11.83 -0.40 -17.87	22.49 -0.08 -23.74	27.01 1.02 -13.46	40.88 2.49 -8.53	39.39 2.72 -2.91	70.51 4.62 -8.59	53.78 3.60 0.00	38.50 2.54 0.00	32.47 1.70 -7.36	32.59 0.45 -25.89
NEG CAPITAL___MECHNVIL 23645	47.16 2.18 0.00	44.72 2.23 0.00	34.04 1.74 0.00	33.18 1.73 0.00	32.61 1.73 0.00	38.38 1.97 0.00	50.60 2.57 0.00	39.79 1.96 0.00	34.44 1.77 0.00	23.88 0.51 -14.09	68.26 -0.74 -81.68	438.53 -0.42 -446.41	36.63 0.61 -24.87	24.27 -0.65 -36.17	14.04 -0.32 -19.99	25.33 -0.06 -26.57	28.24 0.65 -15.06	41.04 1.64 -9.54	39.04 1.98 -3.31	70.43 3.51 -9.61	53.19 3.00 0.00	38.13 2.17 0.00	33.08 1.45 -8.23	35.60 0.39 -28.97
NEG CENTRAL_HIGH_ACRES 23767	42.89 -2.09 0.00	40.95 -1.55 0.00	30.93 -1.36 0.00	30.19 -1.27 0.00	29.54 -1.34 0.00	35.07 -1.34 0.00	46.13 -1.90 0.00	36.03 -1.69 0.10	31.04 -1.63 0.00	9.01 -0.46 -0.20	-10.99 0.53 -1.15	-0.39 0.38 -6.70	11.78 -0.43 -1.06	-9.98 0.42 -0.85	-4.63 0.20 -0.80	-0.29 0.04 -0.85	13.19 -0.35 -1.00	29.66 -0.90 -0.70	32.81 -1.16 -0.21	53.36 -2.31 1.64	44.27 -2.14 3.78	34.44 -1.52 0.00	22.42 -1.10 -0.12	6.33 -0.33 -0.40
NEG CENTRAL___DRP 24199	44.16 -0.83 0.00	41.96 -0.54 0.00	31.73 -0.57 0.00	31.05 -0.41 0.00	30.42 -0.47 0.00	36.08 -0.33 0.00	47.47 -0.56 0.00	36.92 -0.80 0.10	31.64 -1.03 0.00	9.17 -0.32 -0.22	-10.99 0.39 -1.29	0.48 0.31 -7.63	12.21 -0.32 -1.38	-9.88 0.33 -1.04	-4.44 0.15 -1.04	-0.07 0.03 -1.08	14.79 -0.18 -2.44	33.22 -0.46 -3.82	37.66 -0.47 -4.39	59.85 -0.82 -3.37	50.05 -0.70 -0.57	40.13 -0.48 -4.64	25.00 -0.38 -1.97	6.56 -0.15 -0.45
NEG CENTRAL___INDECK 23768	44.38 -0.61 0.00	42.53 0.03 0.00	31.95 -0.35 0.00	31.29 -0.16 0.00	30.56 -0.32 0.00	36.44 0.04 0.00	47.71 -0.31 0.00	36.75 -0.81 0.26	31.31 -1.36 0.00	9.19 -0.36 -0.27	-10.46 0.42 -1.79	10.24 0.41 -17.29	24.49 -0.36 -13.71	-3.82 0.37 -7.06	4.60 0.17 -10.06	8.22 0.02 -9.37	38.38 -0.28 -26.12	69.09 -0.74 -39.97	77.62 -1.00 -44.88	106.50 -1.08 -50.27	85.91 -0.60 -36.33	82.48 -0.35 -46.86	41.84 -0.34 -18.78	6.61 -0.18 -0.54
NEG CENTRAL___SENECA 23627	43.98 -1.00 0.00	41.89 -0.61 0.00	31.61 -0.68 0.00	30.99 -0.47 0.00	30.31 -0.57 0.00	36.03 -0.37 0.00	47.31 -0.71 0.00	36.64 -1.01 0.17	31.42 -1.25 0.00	9.13 -0.39 -0.24	-10.79 0.47 -1.41	1.54 0.39 -8.61	12.79 -0.37 -2.01	-9.49 0.38 -1.38	-3.94 0.19 -1.50	0.37 0.03 -1.52	16.04 -0.23 -3.74	35.21 -0.58 -5.93	39.94 -0.63 -6.81	61.23 -1.09 -5.01	50.06 -0.96 -0.83	42.58 -0.62 -7.24	25.94 -0.48 -3.02	6.55 -0.19 -0.48
NEG CENTRAL___STATE_STREET 24147	44.65 -0.33 0.00	42.28 -0.22 0.00	32.02 -0.28 0.00	31.29 -0.17 0.00	30.76 -0.12 0.00	36.45 0.04 0.00	48.05 0.02 0.00	37.49 -0.28 0.04	32.10 -0.58 0.00	9.31 -0.19 -0.23	-11.09 0.23 -1.35	0.07 0.18 -7.35	11.36 -0.19 -0.41	-10.43 0.22 -0.60	-5.22 0.08 -0.33	-0.72 0.01 -0.44	13.21 -0.04 -0.72	31.17 -0.09 -1.40	35.57 -0.03 -1.85	59.06 -0.14 -1.91	50.53 0.04 -0.30	37.98 0.00 -2.01	24.25 -0.08 -0.93	6.67 -0.05 -0.48
NEG MILLWOOD___DRP 24198	47.34 2.36 0.00	45.05 2.55 0.00	34.30 2.00 0.00	33.39 1.94 0.00	32.89 2.01 0.00	38.54 2.14 0.00	50.83 2.81 0.00	40.12 2.30 0.00	35.01 2.34 0.00	22.63 0.70 -12.65	59.75 -0.92 -73.34	392.83 -0.55 -400.84	34.26 0.79 -22.33	20.43 -0.80 -32.48	11.90 -0.42 -17.95	22.60 -0.08 -23.85	27.12 1.06 -13.52	41.01 2.59 -8.57	39.47 2.79 -2.93	70.67 4.74 -8.63	53.86 3.67 0.00	38.55 2.59 0.00	32.53 1.73 -7.39	32.71 0.45 -26.01
NEG NORTH_FLCN_SEA 23793	45.34 0.36 0.00	42.89 0.39 0.00	32.55 0.25 0.00	31.63 0.17 0.00	30.97 0.09 0.00	36.62 0.22 0.00	48.25 0.23 0.00	38.19 0.36 0.00	32.92 0.24 0.00	9.33 0.06 0.00	-12.69 -0.02 0.00	-7.51 -0.05 0.00	11.10 -0.05 0.00	-11.21 0.04 0.00	-5.59 0.04 0.00	-2.67 0.02 1.52	12.30 -0.23 0.00	29.49 -0.37 0.00	33.37 -0.38 0.00	56.67 -0.63 0.00	49.94 -0.24 0.00	35.76 -0.21 0.00	23.14 -0.26 0.00	6.18 -0.07 0.00
NEG NORTH_KES_CHATEGAY 23792	44.93 -0.06 0.00	42.36 -0.13 0.00	32.14 -0.15 0.00	31.23 -0.22 0.00	30.61 -0.28 0.00	36.22 -0.18 0.00	47.77 -0.25 0.00	37.80 -0.02 0.00	32.60 -0.07 0.00	9.25 -0.03 0.00	-12.56 0.11 0.00	-7.44 0.03 0.00	10.97 -0.18 0.00	-11.06 0.18 0.00	-5.52 0.11 0.00	-3.04 0.03 1.90	12.14 -0.39 0.00	29.07 -0.80 0.00	32.94 -0.81 0.00	55.94 -1.36 0.00	49.40 -0.79 0.00	35.36 -0.61 0.00	22.88 -0.52 0.00	6.11 -0.14 0.00
NEG NORTH___ALICE_FALLS 23915	45.37 0.38 0.00	42.89 0.39 0.00	32.54 0.24 0.00	31.62 0.17 0.00	30.97 0.09 0.00	36.62 0.22 0.00	48.25 0.23 0.00	38.20 0.38 0.00	32.90 0.23 0.00	9.33 0.06 0.00	-12.69 -0.01 0.00	-7.52 -0.06 0.00	11.09 -0.06 0.00	-11.20 0.05 0.00	-5.58 0.05 0.00	-2.73 0.02 1.58	12.28 -0.25 0.00	29.47 -0.40 0.00	33.37 -0.38 0.00	56.69 -0.62 0.00	50.04 -0.14 0.00	35.83 -0.13 0.00	23.18 -0.22 0.00	6.19 -0.07 0.00
NEG NORTH___LWR_SARANAC 23913	45.37 0.38 0.00	42.89 0.39 0.00	32.54 0.24 0.00	31.62 0.17 0.00	30.97 0.09 0.00	36.62 0.22 0.00	48.25 0.23 0.00	38.20 0.38 0.00	32.90 0.23 0.00	9.33 0.06 0.00	-12.69 -0.01 0.00	-7.52 -0.06 0.00	11.09 -0.06 0.00	-11.20 0.05 0.00	-5.58 0.05 0.00	-2.73 0.02 1.58	12.28 -0.25 0.00	29.47 -0.40 0.00	33.37 -0.38 0.00	56.69 -0.62 0.00	50.04 -0.14 0.00	35.83 -0.13 0.00	23.18 -0.22 0.00	6.19 -0.07 0.00
NEG NORTH___PLATTSBURG 23628	45.37 0.38 0.00	42.89 0.39 0.00	32.54 0.24 0.00	31.62 0.17 0.00	30.97 0.09 0.00	36.63 0.22 0.00	48.25 0.23 0.00	38.20 0.38 0.00	32.91 0.23 0.00	9.33 0.06 0.00	-12.69 -0.02 0.00	-7.54 -0.07 0.00	11.10 -0.05 0.00	-11.18 0.07 0.00	-5.58 0.06 0.00	-2.73 0.02 1.58	12.28 -0.25 0.00	29.47 -0.40 0.00	33.37 -0.38 0.00	56.68 -0.62 0.00	50.05 -0.14 0.00	35.83 -0.13 0.00	23.17 -0.23 0.00	6.19 -0.07 0.00
NEG WEST_LEA_LOCKPORT 23791	41.29 -3.70 0.00	40.03 -2.46 0.00	30.01 -2.28 0.00	29.34 -2.12 0.00	28.54 -2.34 0.00	34.13 -2.27 0.00	44.47 -3.55 0.00	34.76 -2.85 0.21	30.17 -2.51 0.00	8.86 -0.66 -0.24	-10.77 0.51 -1.39	0.57 0.45 -7.58	11.08 -0.49 -0.42	-10.31 0.32 -0.62	-5.15 0.15 -0.34	-0.70 0.01 -0.45	10.01 -0.35 2.16	22.49 -1.19 6.18	22.82 -1.80 9.13	38.32 -3.99 14.99	29.25 -3.63 17.30	23.33 -2.45 10.19	17.70 -1.79 3.92	6.17 -0.55 -0.47
NEG WEST___LANCASTR 23811	41.50 -3.48 0.00	40.16 -2.33 0.00	30.10 -2.20 0.00	29.53 -1.92 0.00	28.74 -2.14 0.00	34.37 -2.03 0.00	44.85 -3.18 0.00	34.85 -2.70 0.27	30.33 -2.34 0.00	8.90 -0.64 -0.27	-10.55 0.56 -1.56	1.52 0.46 -8.52	11.16 -0.46 -0.48	-10.19 0.37 -0.69	-5.08 0.17 -0.38	-0.64 0.02 -0.51	10.03 -0.34 2.17	22.58 -1.04 6.25	22.85 -1.62 9.28	37.64 -3.37 16.30	27.32 -3.12 19.75	23.54 -2.08 10.35	17.94 -1.50 3.96	6.27 -0.51 -0.53

NEG_PENN_ALLEGHNY 23528	44.25 -0.74 0.00	42.07 -0.43 0.00	31.83 -0.47 0.00	31.14 -0.32 0.00	30.49 -0.39 0.00	36.14 -0.27 0.00	47.72 -0.31 0.00	37.61 -0.58 -0.37	31.87 -0.80 0.00	9.57 -0.27 -0.56	-9.20 0.28 -3.20	9.25 0.27 -16.44	10.05 -0.22 0.87	-10.43 0.28 -0.54	-6.07 0.13 0.56	-1.34 0.02 0.19	11.55 -0.10 0.88	29.99 -0.25 -0.38	35.64 -0.25 -2.14	65.81 -0.19 -8.70	66.65 -0.16 -16.62	38.15 -0.13 -2.32	24.48 -0.16 -1.24	7.30 -0.09 -1.14
NEG___GEN_MONROE 24207	43.49 -1.49 0.00	41.66 -0.83 0.00	31.41 -0.88 0.00	30.67 -0.78 0.00	29.97 -0.91 0.00	35.66 -0.74 0.00	46.81 -1.21 0.00	36.50 -1.20 0.13	31.37 -1.30 0.00	9.11 -0.37 -0.20	-11.17 0.33 -1.18	-0.20 0.27 -6.99	12.22 -0.27 -1.35	-10.06 0.20 -0.99	-4.54 0.09 -1.01	-0.12 0.01 -1.04	13.73 -0.12 -1.33	30.35 -0.45 -0.94	33.36 -0.65 -0.26	53.65 -1.53 2.13	44.01 -1.41 4.77	34.99 -0.97 0.00	22.74 -0.78 -0.12	6.40 -0.26 -0.41
NEPA___ENERGY 23901	42.46 -2.53 0.00	40.96 -1.53 0.00	30.67 -1.62 0.00	30.23 -1.23 0.00	29.43 -1.45 0.00	35.23 -1.17 0.00	45.98 -2.05 0.00	35.47 -2.08 0.27	30.86 -1.81 0.00	9.02 -0.53 -0.27	-10.68 0.42 -1.57	1.53 0.44 -8.56	11.41 -0.22 -0.48	-10.27 0.28 -0.69	-5.10 0.15 -0.38	-0.65 0.01 -0.51	9.87 -0.21 2.45	22.15 -0.70 7.01	22.09 -1.28 10.38	37.02 -2.57 17.71	26.74 -2.39 21.06	22.90 -1.49 11.57	17.86 -1.09 4.45	6.38 -0.41 -0.53
NEVERSINK___HYD 23608	46.80 1.82 0.00	44.53 2.03 0.00	33.89 1.59 0.00	32.99 1.53 0.00	32.50 1.61 0.00	38.12 1.72 0.00	50.28 2.25 0.00	39.62 1.80 0.00	34.47 1.80 0.00	21.37 0.52 -11.57	53.76 -0.63 -67.07	358.67 -0.42 -366.55	32.15 0.58 -20.42	17.85 -0.60 -29.70	10.48 -0.30 -16.41	20.58 -0.06 -21.81	25.67 0.77 -12.36	39.62 1.93 -7.83	38.71 2.26 -2.70	69.18 3.99 -7.89	53.35 3.16 0.00	38.15 2.19 0.00	31.63 1.47 -6.76	30.42 0.38 -23.78
NEWKRMKL_115KV_TB1 55635	45.83 0.85 0.00	43.46 0.96 0.00	33.19 0.89 0.00	32.31 0.86 0.00	31.79 0.90 0.00	37.35 0.94 0.00	49.19 1.17 0.00	38.78 0.95 0.00	33.63 0.96 -13.93	23.50 0.30 -80.71	67.66 -0.38 -441.15	433.45 -0.23 -24.57	36.12 0.40 -35.74	24.11 -0.38 -19.75	13.93 -0.19 -26.25	25.04 -0.04 -14.88	27.84 0.43 -9.43	40.30 1.01 -3.26	38.16 1.15 -9.50	68.66 1.86 0.00	51.66 1.47 0.00	37.09 1.12 0.00	32.36 0.82 -8.14	35.14 0.27 -28.62
NEWTON___FALLS_HYD 23847	43.49 -1.49 0.00	41.14 -1.36 0.00	31.27 -1.02 0.00	30.46 -1.00 0.00	29.74 -1.14 0.00	35.21 -1.20 0.00	46.37 -1.65 0.00	36.62 -1.21 0.00	31.25 -1.42 0.00	8.78 -0.49 0.00	-11.90 0.77 0.00	-7.10 0.37 0.00	10.41 -0.73 0.00	-10.45 0.79 0.00	-5.19 0.45 0.00	-12.47 0.11 11.41	11.41 -1.12 0.00	27.39 -2.47 0.00	31.51 -2.24 0.00	54.04 -3.26 0.00	48.17 -2.02 0.00	34.29 -1.68 0.00	22.14 -1.26 0.00	5.93 -0.32 0.00
NGRID_A1_DSASP 323792	40.71 -4.28 0.00	39.52 -2.97 0.00	29.61 -2.68 0.00	28.93 -2.52 0.00	28.12 -2.76 0.00	33.63 -2.77 0.00	43.83 -4.20 0.00	34.31 -3.29 0.22	29.90 -2.78 0.00	8.83 -0.69 -0.24	-10.68 0.58 -1.42	0.74 0.48 -7.73	11.06 -0.51 -0.43	-10.24 0.38 -0.63	-5.12 0.17 -0.35	-0.69 0.02 -0.46	9.95 -0.41 2.16	22.19 -1.48 6.19	22.32 -2.29 9.14	37.11 -5.08 15.11	27.85 -4.80 17.53	22.51 -3.25 10.20	17.22 -2.26 3.92	6.11 -0.62 -0.48
NGRID_A2_DSASP 323793	40.71 -4.28 0.00	39.52 -2.97 0.00	29.61 -2.68 0.00	28.93 -2.52 0.00	28.12 -2.76 0.00	33.63 -2.77 0.00	43.83 -4.20 0.00	34.31 -3.29 0.22	29.90 -2.78 0.00	8.83 -0.69 -0.24	-10.68 0.58 -1.42	0.74 0.48 -7.73	11.06 -0.51 -0.43	-10.24 0.38 -0.63	-5.12 0.17 -0.35	-0.69 0.02 -0.46	9.95 -0.41 2.16	22.19 -1.48 6.19	22.32 -2.29 9.14	37.11 -5.08 15.11	27.85 -4.80 17.53	22.51 -3.25 10.20	17.22 -2.26 3.92	6.11 -0.62 -0.48
NGRID_A4_DSASP 323807	40.71 -4.28 0.00	39.52 -2.97 0.00	29.61 -2.68 0.00	28.93 -2.52 0.00	28.12 -2.76 0.00	33.63 -2.77 0.00	43.83 -4.20 0.00	34.31 -3.29 0.22	29.90 -2.78 0.00	8.83 -0.69 -0.24	-10.68 0.58 -1.42	0.74 0.48 -7.73	11.06 -0.51 -0.43	-10.24 0.38 -0.63	-5.12 0.17 -0.35	-0.69 0.02 -0.46	9.95 -0.41 2.16	22.19 -1.48 6.19	22.32 -2.29 9.14	37.11 -5.08 15.11	27.85 -4.80 17.53	22.51 -3.25 10.20	17.22 -2.26 3.92	6.11 -0.62 -0.48
NIAGARA_115E_LBMP 323715	40.59 -4.39 0.00	39.42 -3.08 0.00	29.55 -2.74 0.00	28.87 -2.58 0.00	28.08 -2.80 0.00	33.60 -2.80 0.00	43.72 -4.30 0.00	34.24 -3.36 0.22	29.77 -2.91 0.00	8.76 -0.76 -0.24	-10.70 0.56 -1.41	0.78 0.54 -7.70	11.06 -0.51 -0.43	-10.16 0.47 -0.63	-5.09 0.20 -0.35	-0.69 0.02 -0.46	9.94 -0.44 2.15	22.32 -1.38 6.16	22.56 -2.08 9.11	37.59 -4.63 15.08	28.47 -4.20 17.52	22.97 -2.83 10.16	17.44 -2.06 3.90	6.11 -0.63 -0.48
NIAGARA_115W_LBMP 323714	40.63 -4.36 0.00	39.46 -3.04 0.00	29.56 -2.73 0.00	28.88 -2.57 0.00	28.07 -2.82 0.00	33.58 -2.83 0.00	43.75 -4.28 0.00	34.26 -3.35 0.22	29.85 -2.82 0.00	8.82 -0.69 -0.24	-10.70 0.56 -1.42	0.76 0.50 -7.72	11.11 -0.47 -0.43	-10.15 0.47 -0.63	-5.09 0.20 -0.35	-0.69 0.02 -0.46	9.95 -0.43 2.15	22.28 -1.43 6.15	22.36 -2.30 9.09	37.12 -5.15 15.03	27.85 -4.89 17.45	22.52 -3.31 10.14	17.21 -2.30 3.90	6.11 -0.62 -0.47
NIAGARA_230_LBMP 323716	41.00 -3.99 0.00	39.78 -2.72 0.00	29.81 -2.48 0.00	29.14 -2.31 0.00	28.34 -2.54 0.00	33.87 -2.53 0.00	44.18 -3.85 0.00	34.54 -3.07 0.22	30.08 -2.59 0.00	8.84 -0.68 -0.24	-10.72 0.55 -1.40	0.70 0.50 -7.66	11.12 -0.45 -0.43	-10.17 0.46 -0.62	-5.10 0.19 -0.34	-0.70 0.02 -0.46	10.09 -0.41 2.03	22.69 -1.34 5.83	23.09 -2.04 8.62	38.56 -4.40 14.35	29.35 -4.10 16.74	23.58 -2.77 9.62	17.77 -1.94 3.69	6.16 -0.56 -0.47
NIAGARA___115KV_198_GIBSON 55903	40.63 -4.35 0.00	39.45 -3.05 0.00	29.56 -2.73 0.00	28.88 -2.57 0.00	28.07 -2.81 0.00	33.58 -2.83 0.00	43.75 -4.28 0.00	34.26 -3.35 0.22	29.84 -2.83 0.00	8.82 -0.70 -0.24	-10.67 0.59 -1.42	0.74 0.49 -7.72	11.05 -0.53 -0.43	-10.23 0.39 -0.63	-5.11 0.17 -0.35	-0.69 0.02 -0.46	9.94 -0.44 2.15	22.19 -1.53 6.15	22.31 -2.36 9.09	37.06 -5.21 15.03	27.82 -4.91 17.45	22.49 -3.34 10.14	17.19 -2.32 3.90	6.09 -0.64 -0.47
NIAGARA____ 23760	41.00 -3.99 0.00	39.78 -2.72 0.00	29.81 -2.48 0.00	29.14 -2.31 0.00	28.34 -2.54 0.00	33.87 -2.53 0.00	44.18 -3.85 0.00	34.54 -3.07 0.22	30.08 -2.59 0.00	8.84 -0.68 -0.24	-10.71 0.55 -1.41	0.75 0.50 -7.71	11.12 -0.45 -0.43	-10.17 0.46 -0.63	-5.10 0.19 -0.35	-0.69 0.02 -0.46	10.06 -0.41 2.06	22.62 -1.34 5.90	22.95 -2.04 8.77	38.29 -4.40 14.61	29.07 -4.10 17.02	23.38 -2.77 9.82	17.69 -1.94 3.77	6.17 -0.56 -0.47
NINE_MILE_1 23575	43.51 -1.48 0.00	41.24 -1.26 0.00	31.32 -0.98 0.00	30.53 -0.93 0.00	29.95 -0.93 0.00	35.36 -1.04 0.00	46.70 -1.33 0.00	36.70 -1.12 0.00	31.61 -1.06 0.00	8.97 -0.31 0.00	-12.28 0.40 0.00	-7.21 0.26 0.00	10.81 -0.34 0.00	-10.90 0.35 0.00	-5.46 0.17 0.00	-1.14 0.03 0.00	12.20 -0.33 0.00	29.04 -0.83 0.00	32.85 -0.96 -0.06	55.64 -1.66 0.00	48.71 -1.47 0.00	34.93 -1.03 0.00	22.70 -0.70 0.00	6.06 -0.20 0.00

NINE_MILE_2 23744	43.51 -1.47 0.00	41.24 -1.26 0.00	31.32 -0.98 0.00	30.53 -0.92 0.00	29.95 -0.93 0.00	35.36 -1.04 0.00	46.71 -1.32 0.00	36.70 -1.12 0.00	31.62 -1.06 0.00	8.97 -0.31 0.00	-12.28 0.39 0.00	-7.21 0.26 0.00	10.81 -0.34 0.00	-10.90 0.35 0.00	-5.47 0.17 0.00	-1.14 0.03 0.00	12.20 -0.33 0.00	29.04 -0.82 0.00	32.85 -0.96 -0.06	55.64 -1.66 0.00	48.72 -1.47 0.00	34.93 -1.03 0.00	22.70 -0.69 0.00	6.06 -0.20 0.00
NM_CAPITAL___DRP 24208	46.04 1.06 0.00	43.68 1.18 0.00	33.32 1.02 0.00	32.45 1.00 0.00	31.92 1.04 0.00	37.50 1.09 0.00	49.40 1.38 0.00	38.93 1.11 0.00	33.77 1.10 0.00	23.53 0.34 -13.91	67.52 -0.44 -80.63	432.96 -0.27 -440.70	36.14 0.44 -24.55	24.02 -0.44 -35.71	13.88 -0.22 -19.74	25.00 -0.05 -26.23	27.88 0.48 -14.86	40.42 1.14 -9.42	38.28 1.27 -3.26	68.89 2.09 -9.49	51.85 1.67 0.00	37.22 1.25 0.00	32.45 0.92 -8.13	35.13 0.28 -28.59
NM_CENTRAL___DRP 24181	44.21 -0.77 0.00	41.91 -0.59 0.00	31.79 -0.50 0.00	31.02 -0.44 0.00	30.42 -0.46 0.00	35.95 -0.46 0.00	47.45 -0.57 0.00	37.22 -0.61 0.00	31.99 -0.68 0.00	9.07 -0.21 0.00	-12.42 0.25 0.00	-7.29 0.18 0.00	10.94 -0.21 0.00	-11.05 0.21 0.00	-5.54 0.10 0.00	-1.15 0.02 0.00	12.40 -0.14 0.00	29.50 -0.36 0.00	33.46 -0.38 -0.08	56.68 -0.62 0.00	49.64 -0.54 0.00	35.56 -0.40 0.00	23.09 -0.32 0.00	6.15 -0.11 0.00
NM_FRONTIER___DRP 24179	40.63 -4.35 0.00	39.45 -3.05 0.00	29.56 -2.73 0.00	28.88 -2.57 0.00	28.07 -2.81 0.00	33.58 -2.83 0.00	43.75 -4.28 0.00	34.26 -3.35 0.22	29.84 -2.83 0.00	8.82 -0.70 -0.24	-10.67 0.59 -1.42	0.74 0.49 -7.72	11.05 -0.53 -0.43	-10.23 0.39 -0.63	-5.11 0.17 -0.35	-0.69 0.02 -0.46	9.94 -0.44 2.15	22.19 -1.53 6.15	22.31 -2.36 9.09	37.06 -5.21 15.03	27.82 -4.91 17.45	22.49 -3.34 10.14	17.19 -2.32 3.90	6.09 -0.64 -0.47
NM_ST_REGIS___HYD 24053	44.14 -0.85 0.00	41.63 -0.87 0.00	31.58 -0.72 0.00	30.68 -0.77 0.00	30.04 -0.84 0.00	35.57 -0.84 0.00	46.85 -1.18 0.00	37.12 -0.70 0.00	31.91 -0.76 0.00	9.02 -0.25 0.00	-12.22 0.45 0.00	-7.25 0.21 0.00	10.66 -0.48 0.00	-10.73 0.52 0.00	-5.35 0.29 0.00	-6.42 0.07 5.32	11.74 -0.79 0.00	28.12 -1.74 0.00	31.96 -1.79 0.00	54.48 -2.82 0.00	48.44 -1.75 0.00	34.66 -1.31 0.00	22.43 -0.97 0.00	6.02 -0.23 0.00
NORTHPORT___1 23551	54.91 2.33 -7.59	46.76 2.64 -1.63	41.84 2.09 -7.46	38.56 2.03 -5.08	54.41 2.14 -21.39	54.50 2.22 -15.88	52.51 2.79 -1.70	54.87 2.39 -14.66	39.94 2.51 -4.76	23.75 0.70 -13.78	59.83 -0.71 -73.21	114.75 -0.24 -122.45	46.82 0.73 -34.94	20.93 -0.81 -32.99	25.34 -0.45 -31.43	23.40 -0.08 -24.65	45.80 1.07 -32.20	58.58 2.39 -26.32	70.75 2.41 -34.59	91.26 4.01 -29.95	106.08 3.10 -52.79	80.29 2.28 -42.04	60.75 1.64 -35.70	50.50 0.47 -43.78
NORTHPORT___2 23552	54.91 2.33 -7.59	46.76 2.64 -1.63	41.84 2.09 -7.46	38.56 2.03 -5.08	54.41 2.14 -21.39	54.50 2.22 -15.88	52.51 2.79 -1.70	54.87 2.39 -14.66	39.94 2.51 -4.76	23.75 0.70 -13.78	59.83 -0.71 -73.21	114.75 -0.24 -122.45	46.82 0.73 -34.94	20.93 -0.81 -32.99	25.34 -0.45 -31.43	23.40 -0.08 -24.65	45.80 1.07 -32.20	58.58 2.39 -26.32	70.75 2.41 -34.59	91.26 4.01 -29.95	106.08 3.10 -52.79	80.29 2.28 -42.04	60.75 1.64 -35.70	50.50 0.47 -43.78
NORTHPORT___3 23553	54.92 2.31 -7.63	46.76 2.63 -1.63	41.86 2.08 -7.49	38.56 2.01 -5.09	54.49 2.12 -21.48	54.55 2.20 -15.95	52.50 2.77 -1.70	54.91 2.37 -14.72	39.95 2.50 -4.78	23.75 0.69 -13.78	59.83 -0.71 -73.21	115.71 -0.24 -123.42	46.87 0.73 -34.99	20.93 -0.81 -32.99	25.40 -0.45 -31.48	23.40 -0.08 -24.66	45.87 1.06 -32.28	58.64 2.38 -26.39	70.86 2.38 -34.72	91.30 3.96 -30.04	106.24 3.04 -53.02	80.42 2.24 -42.22	60.83 1.61 -35.82	50.57 0.46 -43.85
NORTHPORT___4 23650	54.92 2.31 -7.63	46.76 2.63 -1.63	41.86 2.08 -7.49	38.56 2.01 -5.09	54.49 2.12 -21.48	54.55 2.20 -15.95	52.50 2.77 -1.70	54.91 2.37 -14.72	39.95 2.50 -4.78	23.75 0.69 -13.78	59.83 -0.71 -73.21	115.71 -0.24 -123.42	46.87 0.73 -34.99	20.93 -0.81 -32.99	25.40 -0.45 -31.48	23.40 -0.08 -24.66	45.87 1.06 -32.28	58.64 2.38 -26.39	70.86 2.38 -34.72	91.30 3.96 -30.04	106.24 3.04 -53.02	80.42 2.24 -42.22	60.83 1.61 -35.82	50.57 0.46 -43.85
NORTHPORT___IC 23718	54.91 2.33 -7.59	46.76 2.63 -1.63	41.84 2.09 -7.46	38.56 2.03 -5.08	54.41 2.14 -21.39	54.49 2.21 -15.88	52.50 2.78 -1.70	54.87 2.39 -14.66	39.94 2.51 -4.76	23.75 0.70 -13.78	59.81 -0.72 -73.21	114.71 -0.28 -122.45	46.84 0.75 -34.94	20.96 -0.78 -32.99	25.35 -0.44 -31.43	23.40 -0.08 -24.65	45.80 1.06 -32.20	58.58 2.40 -26.32	70.75 2.41 -34.59	91.26 4.00 -29.95	106.06 3.08 -52.79	80.29 2.28 -42.04	60.72 1.61 -35.70	50.50 0.47 -43.78
NORTH___COUNTRY_ESR 323785	44.84 -0.14 0.00	42.28 -0.22 0.00	32.09 -0.20 0.00	31.17 -0.28 0.00	30.56 -0.32 0.00	36.16 -0.24 0.00	47.71 -0.32 0.00	37.77 -0.05 0.00	32.60 -0.08 0.00	9.25 -0.03 0.00	-12.57 0.11 0.00	-7.46 0.01 0.00	10.97 -0.18 0.00	-11.05 0.20 0.00	-5.51 0.12 0.00	-3.05 0.03 1.91	12.14 -0.39 0.00	29.07 -0.80 0.00	32.93 -0.82 0.00	55.91 -1.39 0.00	49.29 -0.89 0.00	35.28 -0.68 0.00	22.82 -0.58 0.00	6.10 -0.15 0.00
NPX_GEN_1385_PROXY 323591	54.91 2.33 -7.59	46.76 2.64 -1.63	41.84 2.09 -7.46	38.56 2.03 -5.08	54.41 2.14 -21.39	54.50 2.22 -15.88	52.51 2.79 -1.70	54.87 2.39 -14.66	39.94 2.51 -4.76	23.04 0.70 -13.07	59.83 -0.71 -73.21	113.86 -0.24 -121.57	46.82 0.73 -34.94	20.93 -0.81 -32.99	25.34 -0.45 -31.43	23.40 -0.08 -24.65	45.80 1.07 -32.20	57.63 2.39 -25.37	57.95 2.41 -21.80	85.08 4.01 -23.77	99.39 3.10 -46.11	80.29 2.28 -42.04	61.39 1.64 -36.34	50.63 0.47 -43.91
NPX_GEN_CSC 323557	55.37 2.70 -7.68	47.02 2.88 -1.65	42.08 2.23 -7.55	38.68 2.10 -5.13	54.79 2.26 -21.64	54.81 2.34 -16.07	52.55 2.81 -1.72	55.36 2.71 -14.83	40.21 2.72 -4.82	23.08 0.73 -13.07	59.83 -0.70 -73.21	115.92 -0.18 -123.55	46.98 0.76 -35.08	20.90 -0.85 -33.00	25.47 -0.48 -31.58	23.40 -0.09 -24.66	46.07 1.12 -32.42	58.17 2.74 -25.58	58.84 2.92 -22.17	86.25 4.92 -24.02	101.01 4.10 -46.73	81.60 3.11 -42.52	62.23 2.16 -36.68	50.89 0.54 -44.10
NSINS_S_GLNS_FALLS 23858	47.68 2.69 0.00	45.14 2.64 0.00	34.39 2.10 0.00	33.58 2.12 0.00	33.00 2.12 0.00	38.86 2.46 0.00	51.23 3.21 0.00	40.22 2.40 0.00	34.81 2.14 0.00	24.03 0.61 -14.14	68.37 -0.88 -81.92	439.81 -0.49 -447.76	36.80 0.71 -24.94	24.28 -0.75 -36.28	14.06 -0.36 -20.05	25.41 -0.07 -26.64	28.34 0.71 -15.10	41.28 1.85 -9.57	39.36 2.28 -3.32	70.94 3.99 -9.64	53.75 3.56 0.00	38.64 2.67 0.00	33.37 1.71 -8.26	35.77 0.46 -29.05
NUCOR_STEEL___DRP 24197	44.66 -0.32 0.00	42.26 -0.24 0.00	32.01 -0.28 0.00	31.28 -0.18 0.00	30.77 -0.11 0.00	36.45 0.04 0.00	48.06 0.03 0.00	37.53 -0.26 0.03	32.13 -0.54 0.00	9.32 -0.18 -0.22	-11.17 0.22 -1.29	-0.25 0.17 -7.04	11.36 -0.18 -0.39	-10.47 0.21 -0.57	-5.25 0.07 -0.31	-0.74 0.01 -0.42	12.74 -0.02 -0.24	29.95 -0.07 -0.15	33.85 0.00 -0.10	57.08 -0.13 0.10	49.04 0.05 1.20	35.97 0.01 0.00	23.45 -0.08 -0.13	6.66 -0.05 -0.46

NUMBER_THREE_WT_PWR 323818	43.92 -1.06 0.00	41.74 -0.75 0.00	31.82 -0.48 0.00	31.07 -0.38 0.00	30.26 -0.62 0.00	35.82 -0.58 0.00	47.24 -0.78 0.00	37.18 -0.64 0.00	31.59 -1.08 0.00	8.83 -0.44 0.00	-11.95 0.73 0.00	-7.22 0.25 0.00	10.48 -0.67 0.00	-10.51 0.74 0.00	-5.18 0.45 0.00	-22.44 0.11 21.38	11.48 -1.06 0.00	27.63 -2.23 0.00	32.17 -1.63 -0.04	55.26 -2.05 0.00	49.39 -0.79 0.00	35.01 -0.95 0.00	22.43 -0.97 0.00	5.98 -0.27 0.00
NYISO_LBMP_REFERENCE 24008	44.98 0.00 0.00	42.50 0.00 0.00	32.29 0.00 0.00	31.45 0.00 0.00	30.88 0.00 0.00	36.40 0.00 0.00	48.03 0.00 0.00	37.82 0.00 0.00	32.67 0.00 0.00	9.28 0.00 0.00	-12.67 0.00 0.00	-7.46 0.00 0.00	11.14 0.00 0.00	-11.25 0.00 0.00	-5.63 0.00 0.00	-1.17 0.00 0.00	12.53 0.00 0.00	29.86 0.00 0.00	33.75 0.00 0.00	57.30 0.00 0.00	50.19 0.00 0.00	35.97 0.00 0.00	23.40 0.00 0.00	6.25 0.00 0.00
NYPA_BRENTWD____GT 24164	55.66 2.83 -7.84	47.26 3.08 -1.68	42.42 2.42 -7.70	39.04 2.34 -5.24	55.43 2.45 -22.10	55.41 2.60 -16.40	53.06 3.29 -1.75	55.77 2.81 -15.14	40.42 2.83 -4.92	23.83 0.78 -13.78	59.73 -0.80 -73.21	120.46 -0.30 -128.23	47.34 0.85 -35.34	20.85 -0.91 -33.01	25.74 -0.50 -31.87	23.42 -0.10 -24.68	46.53 1.19 -32.82	59.55 2.78 -26.91	72.19 2.81 -35.63	92.52 4.56 -30.66	108.37 3.65 -54.53	82.04 2.68 -43.39	62.05 2.01 -36.64	51.11 0.54 -44.32
NYPA_GOWANUS____GT5 24156	47.44 2.46 0.00	45.18 2.69 0.00	34.40 2.11 0.00	33.46 2.01 0.00	32.95 2.07 0.00	38.56 2.15 0.00	50.90 2.88 0.00	40.30 2.48 0.00	35.50 2.67 -0.16	33.71 0.85 -23.58	62.04 -1.00 -75.72	390.24 -0.62 -398.33	34.16 0.83 -22.19	20.13 -0.90 -32.27	11.73 -0.47 -17.84	22.44 -0.09 -23.71	27.15 1.18 -13.44	41.17 2.80 -8.51	39.57 2.91 -2.91	70.79 4.91 -8.58	53.81 3.62 0.00	38.56 2.59 0.00	32.54 1.79 -7.35	32.58 0.48 -25.85
NYPA_GOWANUS____GT6 24157	47.44 2.46 0.00	45.18 2.69 0.00	34.40 2.11 0.00	33.46 2.01 0.00	32.95 2.07 0.00	38.56 2.15 0.00	50.90 2.88 0.00	40.30 2.48 0.00	35.50 2.67 -0.16	33.71 0.85 -23.58	62.04 -1.00 -75.72	390.24 -0.62 -398.33	34.16 0.83 -22.19	20.13 -0.90 -32.27	11.73 -0.47 -17.84	22.44 -0.09 -23.71	27.15 1.18 -13.44	41.17 2.80 -8.51	39.57 2.91 -2.91	70.79 4.91 -8.58	53.81 3.62 0.00	38.56 2.59 0.00	32.54 1.79 -7.35	32.58 0.48 -25.85
NYPA_HARLEM__RVR__GT1 24160	47.18 2.20 0.00	44.92 2.43 0.00	34.23 1.93 0.00	33.27 1.81 0.00	32.78 1.90 0.00	38.31 1.92 0.01	50.61 2.60 0.02	40.16 2.34 0.01	35.34 2.51 -0.16	33.68 0.82 -23.58	62.12 -0.93 -75.72	390.29 -0.57 -398.33	34.08 0.74 -22.19	20.23 -0.79 -32.27	11.79 -0.41 -17.84	22.45 -0.08 -23.70	27.01 1.06 -13.42	40.88 2.51 -8.50	39.35 2.69 -2.91	70.33 4.46 -8.56	53.34 3.15 0.00	38.32 2.35 0.00	32.36 1.61 -7.35	32.54 0.43 -25.85
NYPA_HARLEM__RVR__GT2 24161	47.18 2.20 0.00	44.92 2.43 0.00	34.23 1.93 0.00	33.27 1.81 0.00	32.78 1.90 0.00	38.31 1.92 0.01	50.61 2.60 0.02	40.16 2.34 0.01	35.34 2.51 -0.16	33.68 0.82 -23.58	62.12 -0.93 -75.72	390.29 -0.57 -398.33	34.08 0.74 -22.19	20.23 -0.79 -32.27	11.79 -0.41 -17.84	22.45 -0.08 -23.70	27.01 1.06 -13.42	40.88 2.51 -8.50	39.35 2.69 -2.91	70.33 4.46 -8.56	53.34 3.15 0.00	38.32 2.35 0.00	32.36 1.61 -7.35	32.54 0.43 -25.85
NYPA_KENT____GT 24152	47.33 2.35 0.00	45.10 2.60 0.00	34.35 2.06 0.00	33.41 1.96 0.00	32.90 2.03 0.00	38.49 2.09 0.00	50.81 2.78 0.00	40.24 2.42 0.00	35.46 2.63 -0.16	33.73 0.83 -23.62	62.06 -0.99 -75.72	390.26 -0.60 -398.33	34.14 0.80 -22.19	20.15 -0.87 -32.27	11.74 -0.46 -17.84	22.45 -0.09 -23.71	27.13 1.17 -13.44	41.12 2.75 -8.51	39.50 2.84 -2.91	70.64 4.76 -8.58	53.66 3.48 0.00	38.47 2.50 0.00	32.48 1.73 -7.35	32.56 0.47 -25.85
NYPA_POUCH1____GT 24155	47.52 2.54 0.00	45.25 2.75 0.00	34.47 2.17 0.00	33.51 2.06 0.00	33.00 2.12 0.00	38.61 2.21 0.00	50.99 2.96 0.00	40.35 2.53 0.00	35.52 2.69 -0.16	33.72 0.87 -23.58	62.04 -1.01 -75.72	390.24 -0.62 -398.33	34.20 0.86 -22.19	20.09 -0.93 -32.27	11.72 -0.49 -17.84	22.44 -0.10 -23.71	27.18 1.21 -13.44	41.25 2.87 -8.51	39.63 2.97 -2.91	70.90 5.02 -8.58	53.89 3.70 0.00	38.63 2.66 0.00	32.58 1.83 -7.35	32.59 0.49 -25.85
NYPA_VERNON____GT2 24162	47.22 2.23 0.00	45.02 2.52 0.00	34.30 2.01 0.00	33.36 1.91 0.00	32.87 1.98 0.00	38.43 2.03 0.00	50.72 2.69 0.00	40.17 2.35 0.00	35.41 2.58 -0.16	33.75 0.81 -23.66	62.08 -0.97 -75.72	390.27 -0.59 -398.33	34.12 0.78 -22.19	20.17 -0.85 -32.27	11.76 -0.45 -17.84	22.45 -0.09 -23.71	27.12 1.15 -13.44	41.08 2.70 -8.51	39.44 2.78 -2.91	70.50 4.62 -8.58	53.52 3.33 0.00	38.39 2.42 0.00	32.42 1.67 -7.35	32.55 0.45 -25.85
NYPA_VERNON____GT3 24163	47.22 2.23 0.00	45.02 2.52 0.00	34.30 2.01 0.00	33.36 1.91 0.00	32.87 1.98 0.00	38.43 2.03 0.00	50.72 2.69 0.00	40.17 2.35 0.00	35.41 2.58 -0.16	33.75 0.81 -23.66	62.08 -0.97 -75.72	390.27 -0.59 -398.33	34.12 0.78 -22.19	20.17 -0.85 -32.27	11.76 -0.45 -17.84	22.45 -0.09 -23.71	27.12 1.15 -13.44	41.08 2.70 -8.51	39.44 2.78 -2.91	70.50 4.62 -8.58	53.52 3.33 0.00	38.39 2.42 0.00	32.42 1.67 -7.35	32.55 0.45 -25.85
NYPA__ASTORIA_CC1 323568	47.18 2.20 0.00	44.97 2.47 0.00	34.27 1.98 0.00	33.33 1.88 0.00	32.84 1.96 0.00	38.38 1.98 0.00	50.67 2.64 0.00	40.14 2.32 0.00	35.40 2.57 -0.16	33.66 0.81 -23.58	62.09 -0.96 -75.72	390.28 -0.59 -398.33	34.11 0.78 -22.19	20.18 -0.85 -32.27	11.76 -0.45 -17.84	22.45 -0.09 -23.71	27.11 1.14 -13.44	41.04 2.67 -8.51	39.40 2.75 -2.91	70.44 4.56 -8.58	53.47 3.28 0.00	38.36 2.39 0.00	32.39 1.64 -7.35	32.55 0.45 -25.85
NYPA__ASTORIA_CC2 323569	47.18 2.20 0.00	44.97 2.47 0.00	34.27 1.98 0.00	33.33 1.88 0.00	32.84 1.96 0.00	38.38 1.98 0.00	50.67 2.64 0.00	40.14 2.32 0.00	35.40 2.57 -0.16	33.66 0.81 -23.58	62.09 -0.96 -75.72	390.28 -0.59 -398.33	34.11 0.78 -22.19	20.18 -0.85 -32.27	11.76 -0.45 -17.84	22.45 -0.09 -23.71	27.11 1.14 -13.44	41.04 2.67 -8.51	39.40 2.75 -2.91	70.44 4.56 -8.58	53.47 3.28 0.00	38.36 2.39 0.00	32.39 1.64 -7.35	32.55 0.45 -25.85
NYPA__HOLTSVILL 23794	55.22 2.56 -7.67	46.95 2.81 -1.64	42.05 2.22 -7.54	38.75 2.17 -5.13	54.80 2.30 -21.62	54.86 2.41 -16.05	52.76 3.02 -1.72	55.29 2.66 -14.81	40.19 2.70 -4.81	23.80 0.74 -13.78	59.80 -0.74 -73.21	116.54 -0.22 -124.23	46.99 0.78 -35.07	20.89 -0.86 -33.00	25.46 -0.48 -31.57	23.40 -0.09 -24.66	46.06 1.13 -32.40	59.05 2.68 -26.50	71.48 2.80 -34.92	92.19 4.71 -30.18	107.34 3.81 -53.35	81.26 2.82 -42.47	61.37 1.97 -36.00	50.72 0.51 -43.95
NYPA__HELLGATE_GT1 24158	47.18 2.20 0.00	44.92 2.43 0.00	34.23 1.93 0.00	33.27 1.81 0.00	32.78 1.90 0.00	38.33 1.92 0.00	50.62 2.60 0.00	40.16 2.34 0.00	35.34 2.51 -0.16	33.68 0.82 -23.58	62.12 -0.93 -75.72	390.29 -0.57 -398.33	34.08 0.74 -22.19	20.23 -0.79 -32.27	11.79 -0.41 -17.84	22.46 -0.08 -23.71	27.03 1.06 -13.44	40.89 2.51 -8.51	39.35 2.69 -2.91	70.34 4.46 -8.58	53.34 3.15 0.00	38.32 2.35 0.00	32.36 1.61 -7.35	32.54 0.43 -25.85

NYPA_____HELLGATE_GT2 24159	47.18	44.92	34.23	33.27	32.78	38.33	50.62	40.16	35.34	33.68	62.12	390.29	34.08	20.23	11.79	22.46	27.03	40.89	39.35	70.34	53.34	38.32	32.36	32.54
	2.20	2.43	1.93	1.81	1.90	1.92	2.60	2.34	2.51	0.82	-0.93	-0.57	0.74	-0.79	-0.41	-0.08	1.06	2.51	2.69	4.46	3.15	2.35	1.61	0.43
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.16	-23.58	-75.72	-398.33	-22.19	-32.27	-17.84	-23.71	-13.44	-8.51	-2.91	-8.58	0.00	0.00	-7.35	-25.85
NYS_BARGE___HYD 23848	41.29	40.05	30.02	29.34	28.55	34.15	44.50	34.78	30.17	8.86	-10.82	0.53	11.15	-10.25	-5.13	-0.71	10.21	23.08	23.61	39.36	30.21	24.18	18.05	6.18
	-3.69	-2.45	-2.27	-2.11	-2.34	-2.25	-3.53	-2.83	-2.50	-0.66	0.47	0.47	-0.42	0.39	0.16	0.01	-0.33	-1.07	-1.70	-3.87	-3.53	-2.37	-1.74	-0.54
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.21	0.00	-0.24	-1.38	-7.52	-0.42	-0.61	-0.34	-0.45	1.99	5.71	8.44	14.08	16.44	9.42	3.61	-0.47
OAK ORCHARD___HYD 24046	43.41	41.55	31.33	30.58	29.90	35.54	46.69	36.45	31.44	9.13	-11.20	-0.23	12.30	-10.01	-4.50	-0.09	13.75	30.39	33.28	53.55	43.91	34.86	22.67	6.40
	-1.58	-0.95	-0.96	-0.87	-0.98	-0.87	-1.34	-1.26	-1.23	-0.34	0.31	0.27	-0.23	0.23	0.10	0.01	-0.14	-0.43	-0.74	-1.69	-1.62	-1.10	-0.84	-0.27
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.00	-0.20	-1.17	-6.96	-1.38	-1.01	-1.03	-1.06	-1.36	-0.96	-0.27	2.06	4.66	0.00	-0.12	-0.41
OAKDALE___35_KV_LOAD 356122	44.17	41.99	31.78	31.08	30.44	36.07	47.65	37.60	31.84	9.60	-8.99	10.27	9.91	-10.45	-6.15	-1.39	11.41	29.91	35.68	66.25	67.83	38.19	24.50	7.37
	-0.82	-0.50	-0.52	-0.37	-0.44	-0.33	-0.37	-0.62	-0.83	-0.27	0.28	0.25	-0.25	0.25	0.12	0.02	-0.11	-0.28	-0.30	-0.30	-0.23	-0.19	-0.21	-0.10
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.39	0.00	-0.59	-3.41	-17.48	0.98	-0.54	0.64	0.24	1.00	-0.34	-2.24	-9.24	-17.88	-2.42	-1.31	-1.22
OCC_CHEM___DRP 24175	40.71	39.52	29.61	28.93	28.12	33.63	43.83	34.31	29.90	8.83	-10.68	0.74	11.06	-10.24	-5.12	-0.69	9.95	22.19	22.32	37.11	27.85	22.51	17.22	6.11
	-4.28	-2.97	-2.68	-2.52	-2.76	-2.77	-4.20	-3.29	-2.78	-0.69	0.58	0.48	-0.51	0.38	0.17	0.02	-0.41	-1.48	-2.29	-5.08	-4.80	-3.25	-2.26	-0.62
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.22	0.00	-0.24	-1.42	-7.73	-0.43	-0.63	-0.35	-0.46	2.16	6.19	9.14	15.11	17.53	10.20	3.92	-0.48
OH_GEN_PROXY 24063	41.06	39.84	29.85	29.19	28.38	33.94	44.27	34.60	30.13	8.14	-10.72	-0.17	11.12	-10.16	-5.10	-0.69	10.32	22.38	11.21	33.58	23.69	34.02	22.86	6.30
	-3.92	-2.66	-2.44	-2.26	-2.50	-2.46	-3.76	-3.01	-2.54	-0.67	0.55	0.50	-0.45	0.46	0.20	0.02	-0.40	-1.28	-1.96	-4.22	-3.95	-2.66	-1.87	-0.55
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.22	0.00	0.47	-1.41	-6.79	-0.43	-0.62	-0.34	-0.46	1.81	6.20	20.58	19.50	22.55	-0.71	-1.34	-0.60
OLIN_CORP_DRP 24177	40.67	39.46	29.60	28.92	28.12	33.65	43.79	34.29	29.81	8.77	-10.67	0.79	11.01	-10.24	-5.11	-0.69	9.90	22.17	22.38	37.35	28.20	22.79	17.37	6.11
	-4.32	-3.03	-2.70	-2.53	-2.76	-2.75	-4.23	-3.31	-2.86	-0.75	0.59	0.51	-0.56	0.38	0.17	0.02	-0.43	-1.42	-2.09	-4.61	-4.17	-2.82	-2.05	-0.63
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.22	0.00	-0.24	-1.42	-7.75	-0.43	-0.63	-0.35	-0.46	2.20	6.28	9.28	15.35	17.82	10.36	3.98	-0.48
OLIN_CORP_DSASP 323712	40.71	39.52	29.61	28.93	28.12	33.63	43.83	34.31	29.90	8.83	-10.68	0.74	11.06	-10.24	-5.12	-0.69	9.95	22.19	22.32	37.11	27.85	22.51	17.22	6.11
	-4.28	-2.97	-2.68	-2.52	-2.76	-2.77	-4.20	-3.29	-2.78	-0.69	0.58	0.48	-0.51	0.38	0.17	0.02	-0.41	-1.48	-2.29	-5.08	-4.80	-3.25	-2.26	-0.62
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.22	0.00	-0.24	-1.42	-7.73	-0.43	-0.63	-0.35	-0.46	2.16	6.19	9.14	15.11	17.53	10.20	3.92	-0.48
ONEIDA_HERK_LFGE 323681	45.10	42.76	32.51	31.73	31.03	36.68	48.37	37.99	32.38	9.10	-12.38	-7.38	10.88	-10.93	-5.42	10.35	12.15	29.12	33.62	57.45	50.82	36.17	23.33	6.21
	0.12	0.26	0.21	0.27	0.15	0.28	0.34	0.17	-0.29	-0.17	0.29	0.08	-0.27	0.32	0.21	0.05	-0.38	-0.75	-0.17	0.15	0.63	0.21	-0.07	-0.04
	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	-11.47	0.00	0.00	-0.04	0.00	0.00	0.00	0.00	0.00
ONEIDA___115KV_TB4 55905	45.62	43.19	32.79	31.99	31.37	37.03	48.88	38.30	32.69	9.23	-12.62	-7.42	11.09	-11.18	-5.59	2.41	12.59	30.02	34.40	58.55	51.45	36.76	23.81	6.34
	0.64	0.69	0.49	0.54	0.49	0.63	0.85	0.48	0.02	-0.04	0.06	0.04	-0.05	0.07	0.05	0.01	0.06	0.16	0.59	1.25	1.27	0.79	0.41	0.08
	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	-3.57	0.00	0.00	-0.06	0.00	0.00	0.00	0.00	0.00
ONONDAGA_REF_OCCRA 23987	44.46	42.15	31.97	31.19	30.60	36.16	47.73	37.40	32.11	9.29	-11.34	-1.18	11.31	-10.58	-5.28	-0.79	12.66	29.78	33.65	57.38	49.98	35.80	23.35	6.58
	-0.52	-0.34	-0.33	-0.27	-0.28	-0.25	-0.30	-0.42	-0.56	-0.18	0.21	0.16	-0.18	0.17	0.08	0.02	-0.07	-0.21	-0.21	-0.26	-0.21	-0.16	-0.17	-0.07
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.19	-1.12	-6.13	-0.34	-0.50	-0.27	-0.36	-0.21	-0.13	-0.11	-0.33	0.00	0.00	-0.11	-0.40
ONONDAGA___COGEN 23986	44.40	42.09	31.92	31.15	30.57	36.13	47.70	37.37	32.08	9.27	-11.41	-1.62	11.27	-10.60	-5.29	-0.82	12.63	29.75	33.60	57.05	49.89	35.74	23.30	6.55
	-0.58	-0.41	-0.37	-0.30	-0.31	-0.27	-0.33	-0.45	-0.59	-0.18	0.22	0.17	-0.19	0.19	0.09	0.02	-0.09	-0.24	-0.25	-0.37	-0.30	-0.22	-0.20	-0.08
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.18	-1.04	-5.67	-0.32	-0.46	-0.25	-0.34	-0.19	-0.12	-0.10	-0.12	0.00	0.00	-0.10	-0.37
ONTARIO___LFGE 23819	43.98	41.90	31.61	30.99	30.31	36.02	47.32	36.64	31.42	9.13	-10.79	1.56	12.82	-9.45	-3.93	0.37	16.04	35.18	39.92	61.20	49.99	42.57	25.94	6.55
	-1.01	-0.60	-0.68	-0.47	-0.57	-0.38	-0.71	-1.02	-1.25	-0.39	0.47	0.42	-0.34	0.42	0.20	0.03	-0.23	-0.61	-0.64	-1.12	-1.02	-0.64	-0.48	-0.19
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.00	-0.24	-1.41	-8.61	-2.01	-1.38	-1.50	-1.52	-3.74	-5.93	-6.81	-5.01	-0.83	-7.24	-3.02	-0.48
ORANGEVILLE_WT_PWR 323706	41.88	40.36	30.23	29.67	28.89	34.54	44.97	34.73	30.08	8.85	-10.61	-12.33	-11.10	-20.41	-20.98	-15.33	-22.78	-17.05	-13.45	-7.29	-8.17	-11.02	4.17	6.25
	-3.10	-2.14	-2.06	-1.78	-1.99	-1.87	-3.06	-2.79	-2.59	-0.70	0.80	0.70	-0.72	0.72	0.36	0.06	-0.77	-2.01	-2.63	-4.78	-4.01	-2.71	-1.79	-0.57
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.30	0.00	-0.28	-1.27	5.57	21.52	9.88	15.70	14.22	34.55	44.90	44.58	59.82	54.34	44.28	17.44	-0.56
ORANGEVILLE___ESR 323794	41.88	40.36	30.23	29.67	28.89	34.54	44.97	34.73	30.08	8.85	-10.61	-12.33	-11.10	-20.41	-20.98	-15.33	-22.78	-17.05	-13.45	-7.29	-8.17	-11.02	4.17	6.25
	-3.10	-2.14	-2.06	-1.78	-1.99	-1.87	-3.06	-2.79	-2.59	-0.70	0.80	0.70	-0.72	0.72	0.36	0.06	-0.77	-2.01	-2.63	-4.78	-4.01	-2.71	-1.79	-0.57
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.30	0.00	-0.28	-1.27	5.57	21.52	9.88	15.70	14.22	34.55	44.90	44.58	59.82	54.34	44.28	17.44	-0.56

OSWEGATCHIE___HYD 24044	43.49 -1.50 0.00	41.14 -1.36 0.00	31.27 -1.03 0.00	30.46 -1.00 0.00	29.74 -1.14 0.00	35.21 -1.20 0.00	46.37 -1.65 0.00	36.62 -1.21 0.00	31.25 -1.42 0.00	8.78 -0.49 0.00	-11.90 0.77 0.00	-7.13 0.34 0.00	10.41 -0.73 0.00	-10.45 0.80 0.00	-5.18 0.45 0.00	-12.47 0.11 11.41	11.41 -1.12 0.00	27.39 -2.47 0.00	31.50 -2.25 0.00	54.03 -3.27 0.00	48.17 -2.01 0.00	34.29 -1.68 0.00	22.14 -1.26 0.00	5.93 -0.32 0.00
OSWEGO___5 23606	43.77 -1.22 0.00	41.48 -1.02 0.00	31.49 -0.80 0.00	30.70 -0.76 0.00	30.12 -0.76 0.00	35.58 -0.83 0.00	46.97 -1.06 0.00	36.89 -0.93 0.00	31.75 -0.92 0.00	9.01 -0.27 0.00	-12.33 0.34 0.00	-7.23 0.23 0.00	10.85 -0.29 0.00	-10.95 0.30 0.00	-5.49 0.14 0.00	-1.15 0.03 0.00	12.26 -0.27 0.00	29.20 -0.66 0.00	33.06 -0.76 -0.07	55.99 -1.32 0.00	49.02 -1.17 0.00	35.15 -0.82 0.00	22.84 -0.56 0.00	6.09 -0.17 0.00
OSWEGO___6 23613	43.77 -1.22 0.00	41.48 -1.02 0.00	31.49 -0.80 0.00	30.70 -0.76 0.00	30.12 -0.76 0.00	35.58 -0.83 0.00	46.97 -1.06 0.00	36.89 -0.93 0.00	31.75 -0.92 0.00	9.01 -0.27 0.00	-12.33 0.34 0.00	-7.23 0.23 0.00	10.85 -0.29 0.00	-10.95 0.30 0.00	-5.49 0.14 0.00	-1.15 0.03 0.00	12.26 -0.27 0.00	29.20 -0.66 0.00	33.06 -0.76 -0.07	55.99 -1.32 0.00	49.02 -1.17 0.00	35.15 -0.82 0.00	22.84 -0.56 0.00	6.09 -0.17 0.00
OUTOKUMPU-AB___DRP 24206	41.55 -3.43 0.00	40.29 -2.21 0.00	30.19 -2.11 0.00	29.53 -1.93 0.00	28.71 -2.17 0.00	34.35 -2.05 0.00	44.75 -3.27 0.00	34.98 -2.62 0.23	30.38 -2.29 0.00	8.94 -0.58 -0.25	-10.81 0.43 -1.43	0.74 0.39 -7.81	11.19 -0.39 -0.44	-10.37 0.25 -0.63	-5.17 0.11 -0.35	-0.70 0.01 -0.46	9.94 -0.26 2.33	22.23 -1.00 6.64	22.30 -1.66 9.80	37.44 -3.79 16.07	28.12 -3.53 18.54	22.68 -2.36 10.93	17.49 -1.71 4.21	6.22 -0.52 -0.48
OXBOW___BTM 323836	41.22 -3.76 0.00	40.01 -2.49 0.00	29.97 -2.32 0.00	29.30 -2.16 0.00	28.48 -2.40 0.00	34.07 -2.33 0.00	44.40 -3.62 0.00	34.73 -2.87 0.22	30.22 -2.45 0.00	8.91 -0.61 -0.24	-10.80 0.45 -1.42	0.75 0.44 -7.77	11.22 -0.36 -0.43	-10.25 0.37 -0.63	-5.14 0.15 -0.35	-0.70 0.01 -0.46	9.98 -0.30 2.25	22.36 -1.09 6.41	22.43 -1.85 9.47	37.45 -4.26 15.59	28.12 -4.02 18.04	22.70 -2.70 10.57	17.42 -1.92 4.06	6.19 -0.54 -0.48
OXBOW___ 24026	41.23 -3.76 0.00	40.00 -2.50 0.00	29.97 -2.32 0.00	29.30 -2.16 0.00	28.48 -2.40 0.00	34.07 -2.33 0.00	44.40 -3.63 0.00	34.74 -2.87 0.22	30.20 -2.47 0.00	8.91 -0.61 -0.24	-10.77 0.48 -1.42	0.73 0.42 -7.77	11.16 -0.42 -0.43	-10.33 0.29 -0.63	-5.16 0.12 -0.35	-0.70 0.01 -0.46	9.97 -0.31 2.25	22.28 -1.17 6.41	22.39 -1.89 9.47	37.41 -4.30 15.59	28.11 -4.03 18.04	22.68 -2.72 10.57	17.41 -1.93 4.06	6.18 -0.56 -0.48
OXY_CHEM_DSASP 323612	40.71 -4.28 0.00	39.52 -2.97 0.00	29.61 -2.68 0.00	28.93 -2.52 0.00	28.12 -2.76 0.00	33.63 -2.77 0.00	43.83 -4.20 0.00	34.31 -3.29 0.22	29.90 -2.78 0.00	8.83 -0.69 -0.24	-10.68 0.58 -1.42	0.74 0.48 -7.73	11.06 -0.51 -0.43	-10.24 0.38 -0.63	-5.12 0.17 -0.35	-0.69 0.02 -0.46	9.95 -0.41 2.16	22.19 -1.48 6.19	22.32 -2.29 9.14	37.11 -5.08 15.11	27.85 -4.80 17.53	22.51 -3.25 10.20	17.22 -2.26 3.92	6.11 -0.62 -0.48
OZONE_PARK_ESR 323760	47.61 2.62 0.00	45.33 2.84 0.00	34.51 2.21 0.00	33.57 2.11 0.00	33.06 2.18 0.00	38.70 2.30 0.00	51.05 3.02 0.00	40.39 2.57 0.00	35.60 2.74 -0.19	35.40 0.82 -25.30	62.56 -1.06 -76.29	390.21 -0.65 -398.32	34.17 0.84 -22.19	20.15 -0.87 -32.27	11.74 -0.46 -17.84	22.44 -0.09 -23.70	27.18 1.21 -13.44	41.28 2.91 -8.51	39.69 3.03 -2.91	70.99 5.11 -8.58	53.95 3.76 0.00	38.66 2.69 0.00	32.59 1.84 -7.35	32.58 0.48 -25.85
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	40.71 -4.28 0.00	39.52 -2.97 0.00	29.61 -2.68 0.00	28.93 -2.52 0.00	28.12 -2.76 0.00	33.63 -2.77 0.00	43.83 -4.20 0.00	34.31 -3.29 0.22	29.90 -2.78 0.00	8.83 -0.69 -0.24	-10.68 0.58 -1.42	0.74 0.48 -7.73	11.06 -0.51 -0.43	-10.24 0.38 -0.63	-5.12 0.17 -0.35	-0.69 0.02 -0.46	9.95 -0.41 2.16	22.19 -1.48 6.19	22.32 -2.29 9.14	37.11 -5.08 15.11	27.85 -4.80 17.53	22.51 -3.25 10.20	17.22 -2.26 3.92	6.11 -0.62 -0.48
PACKARD___115KV_DUPONT_184 80571	40.70 -4.28 0.00	39.53 -2.97 0.00	29.62 -2.68 0.00	28.93 -2.52 0.00	28.12 -2.76 0.00	33.63 -2.78 0.00	43.84 -4.19 0.00	34.32 -3.28 0.22	29.90 -2.77 0.00	8.84 -0.68 -0.24	-10.71 0.55 -1.42	0.76 0.50 -7.73	11.13 -0.45 -0.43	-10.17 0.45 -0.63	-5.10 0.19 -0.35	-0.69 0.02 -0.46	9.96 -0.41 2.16	22.28 -1.40 6.19	22.36 -2.25 9.14	37.16 -5.03 15.11	27.89 -4.76 17.53	22.54 -3.23 10.20	17.24 -2.24 3.92	6.12 -0.61 -0.48
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	47.27 2.29 0.00	45.01 2.51 0.00	34.30 2.01 0.00	33.34 1.89 0.00	32.84 1.96 0.00	38.42 2.02 0.00	50.76 2.73 0.00	40.23 2.41 0.00	35.37 2.55 -0.16	33.64 0.78 -23.58	62.10 -0.94 -75.72	390.28 -0.59 -398.33	34.11 0.77 -22.19	20.25 -0.77 -32.27	11.79 -0.41 -17.84	22.45 -0.08 -23.71	27.06 1.10 -13.44	40.97 2.60 -8.51	39.42 2.76 -2.91	70.48 4.60 -8.58	53.48 3.29 0.00	38.38 2.42 0.00	32.40 1.65 -7.35	32.54 0.44 -25.85
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	48.34 3.35 0.00	46.04 3.55 0.00	35.18 2.88 0.00	34.20 2.75 0.00	33.68 2.80 0.00	39.43 3.03 0.00	52.14 4.12 0.00	41.32 3.50 0.00	36.27 3.44 -0.16	33.88 1.02 -23.58	61.78 -1.27 -75.72	390.09 -0.77 -398.33	34.38 1.04 -22.19	19.98 -1.04 -32.27	11.66 -0.55 -17.84	22.43 -0.11 -23.71	27.37 1.41 -13.44	41.72 3.34 -8.51	40.28 3.62 -2.91	71.90 6.02 -8.58	54.73 4.55 0.00	39.28 3.32 0.00	32.96 2.22 -7.35	32.69 0.58 -25.85
PATROON_115KV_TB1 80586	45.97 0.99 0.00	43.60 1.11 0.00	33.28 0.99 0.00	32.41 0.95 0.00	31.87 0.99 0.00	37.45 1.05 0.00	49.33 1.31 0.00	38.88 1.06 0.00	33.72 1.05 0.00	23.55 0.32 -13.95	67.76 -0.42 -80.86	434.21 -0.25 -441.93	36.20 0.43 -24.62	24.14 -0.42 -35.81	13.95 -0.21 -19.79	25.08 -0.04 -26.30	27.90 0.46 -14.91	40.41 1.10 -9.44	38.28 1.26 -3.27	68.87 2.05 -9.52	51.82 1.64 0.00	37.20 1.23 0.00	32.44 0.89 -8.15	35.21 0.28 -28.68
PATTRSNVILLE___SOLAR 323815	46.51 1.53 0.00	44.08 1.58 0.00	33.52 1.23 0.00	32.64 1.19 0.00	32.07 1.19 0.00	37.77 1.36 0.00	49.87 1.85 0.00	39.16 1.34 0.00	33.70 1.03 0.00	23.79 0.22 -14.29	69.73 -0.40 -82.80	444.87 -0.22 -452.55	36.64 0.29 -25.21	25.13 -0.29 -36.67	14.51 -0.13 -20.26	25.73 -0.03 -26.93	28.03 0.24 -15.26	40.24 0.70 -9.67	38.32 1.16 -3.40	69.54 2.49 -9.74	52.39 2.21 0.00	37.54 1.58 0.00	32.78 1.03 -8.35	35.88 0.27 -29.36
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	41.68 -3.30 0.00	40.35 -2.14 0.00	30.23 -2.07 0.00	29.64 -1.82 0.00	28.84 -2.05 0.00	34.50 -1.91 0.00	44.99 -3.03 0.00	35.01 -2.55 0.26	30.44 -2.23 0.00	8.93 -0.61 -0.26	-10.64 0.50 -1.53	1.29 0.43 -8.32	11.18 -0.42 -0.46	-10.26 0.32 -0.68	-5.11 0.15 -0.38	-0.66 0.01 -0.49	9.80 -0.30 2.43	21.99 -0.95 6.92	21.99 -1.53 10.23	36.78 -3.28 17.24	26.89 -3.01 20.29	22.56 -2.00 11.41	17.56 -1.46 4.39	6.28 -0.49 -0.52

PAWLING_115_KV_BK3_REV_LBMP_H 345028	47.34 2.36 0.00	45.05 2.55 0.00	34.30 2.00 0.00	33.39 1.94 0.00	32.89 2.01 0.00	38.54 2.14 0.00	50.83 2.81 0.00	40.12 2.30 0.00	35.01 2.34 0.00	22.63 0.70 -12.65	59.75 -0.92 -73.34	392.83 -0.55 -400.84	34.26 0.79 -22.33	20.43 -0.80 -32.48	11.90 -0.42 -17.95	22.60 -0.08 -23.85	27.12 1.06 -13.52	41.01 2.59 -8.57	39.47 2.79 -2.93	70.67 4.74 -8.63	53.86 3.67 0.00	38.55 2.59 0.00	32.53 1.73 -7.39	32.71 0.45 -26.01
PEEKSKILL____ 23653	47.00 2.01 0.00	44.76 2.26 0.00	34.08 1.79 0.00	33.17 1.72 0.00	32.68 1.80 0.00	38.28 1.88 0.00	50.48 2.46 0.00	39.86 2.04 0.00	34.81 2.14 0.00	22.44 0.64 -12.53	59.11 -0.81 -72.60	388.81 -0.49 -396.77	33.93 0.68 -22.10	20.15 -0.75 -32.15	11.74 -0.39 -17.77	22.36 -0.08 -23.61	26.91 1.00 -13.38	40.70 2.36 -8.48	39.13 2.48 -2.90	70.07 4.22 -8.54	53.39 3.20 0.00	38.22 2.26 0.00	32.29 1.57 -7.32	32.41 0.41 -25.74
PGE MADISON__WINDPWR 24146	47.48 2.50 0.00	45.30 2.80 0.00	34.07 1.78 0.00	33.21 1.76 0.00	32.65 1.77 0.00	38.91 2.51 0.00	51.47 3.45 0.00	40.10 2.15 -0.13	33.35 0.68 0.00	10.86 0.00 -1.58	-3.89 -0.38 -9.16	42.12 0.05 -49.53	12.80 -0.19 -1.85	-7.79 -0.15 -3.61	-4.12 -0.04 -1.56	1.21 0.03 -2.35	14.06 0.17 -1.36	32.91 0.90 -2.15	38.49 1.70 -3.04	69.10 4.43 -7.36	62.28 4.22 -7.87	41.74 2.87 -2.91	27.01 1.53 -2.08	9.90 0.39 -3.25
PIERCEFIELD__HYD 23852	43.83 -1.15 0.00	41.33 -1.17 0.00	31.35 -0.95 0.00	30.47 -0.99 0.00	29.83 -1.05 0.00	35.30 -1.10 0.00	46.48 -1.54 0.00	36.82 -1.00 0.00	31.64 -1.04 0.00	8.94 -0.34 0.00	-12.11 0.56 0.00	-7.20 0.27 0.00	10.57 -0.58 0.00	-10.62 0.63 0.00	-5.30 0.34 0.00	-7.03 0.08 5.94	11.63 -0.90 0.00	27.84 -2.02 0.00	31.67 -2.09 0.00	54.02 -3.28 0.00	48.04 -2.15 0.00	34.37 -1.60 0.00	22.26 -1.14 0.00	5.99 -0.27 0.00
PINELAWN_CC_I 323563	56.22 2.71 -8.54	47.27 2.94 -1.83	43.00 2.32 -8.39	39.41 2.25 -5.70	57.28 2.36 -24.04	56.74 2.48 -17.85	53.09 3.16 -1.91	56.98 2.68 -16.47	40.74 2.72 -5.35	23.80 0.74 -13.78	59.76 -0.77 -73.21	136.64 -0.33 -144.44	48.42 0.83 -36.44	20.96 -0.86 -33.08	26.99 -0.48 -33.11	23.51 -0.09 -24.77	48.20 1.14 -34.53	61.09 2.70 -28.53	75.12 2.86 -38.52	94.69 4.79 -32.59	113.35 3.85 -59.32	85.85 2.78 -47.10	64.50 1.94 -39.16	52.53 0.51 -45.76
PJM_GEN_HTP_PROXY 323702	47.28 2.29 0.00	45.03 2.53 0.00	34.29 2.00 0.00	33.36 1.91 0.00	32.86 1.98 0.00	38.45 2.05 0.00	50.72 2.70 0.00	40.13 2.31 0.00	35.43 2.52 -0.24	38.61 0.76 -28.57	63.52 -0.97 -77.16	242.58 -0.59 -250.63	32.28 0.75 -20.38	20.20 -0.82 -32.27	13.99 -0.44 -20.06	22.45 -0.08 -23.70	271.08 1.12 -257.43	53.01 2.67 -20.48	42.20 2.76 -5.69	70.52 4.64 -8.58	53.56 3.37 0.00	38.37 2.40 0.00	32.41 1.67 -7.35	32.54 0.44 -25.85
PJM_GEN_KEystone 24065	44.38 -0.61 0.00	42.55 0.05 0.00	32.20 -0.10 0.00	31.51 0.05 0.00	30.89 0.01 0.00	36.51 0.10 0.00	47.95 -0.07 0.00	37.43 -0.24 0.14	32.69 0.01 -0.01	17.02 0.02 -7.72	27.02 -0.12 -39.81	60.72 0.02 -68.16	20.75 0.16 -9.45	5.77 -0.13 -17.15	5.60 -0.09 -11.33	11.15 -0.02 -12.34	262.80 0.34 -249.94	45.19 0.73 -14.60	36.34 0.47 -2.11	57.23 0.64 0.71	42.92 0.21 7.48	33.86 0.20 2.30	26.64 0.17 -3.07	20.29 0.00 -14.03
PJM_GEN_NEPTUNE_PROXY 323594	54.57 2.36 -7.22	46.67 2.63 -1.55	41.46 2.07 -7.09	38.29 2.01 -4.83	53.33 2.11 -20.34	53.71 2.20 -15.10	52.41 2.77 -1.61	54.15 2.39 -13.94	39.69 2.49 -4.53	23.75 0.70 -13.78	59.79 -0.74 -73.21	-42.11 -0.31 34.34	44.09 0.75 -32.19	20.89 -0.81 -32.95	26.88 -0.46 -32.98	23.35 -0.09 -24.61	288.89 1.09 -275.27	69.81 2.53 -37.41	72.16 2.61 -35.81	90.53 4.33 -28.90	103.72 3.34 -50.19	77.70 2.41 -39.32	59.39 1.68 -34.30	48.78 0.45 -42.08
PJM_GEN_VFT_PROXY 323633	47.22 2.24 0.00	44.98 2.48 0.00	34.26 1.97 0.00	33.32 1.87 0.00	32.83 1.95 0.00	38.42 2.02 0.00	50.67 2.65 0.00	40.09 2.27 0.00	35.33 2.48 -0.19	35.31 0.74 -25.30	62.68 -0.93 -76.29	242.60 -0.57 -250.63	32.23 0.70 -20.38	20.25 -0.77 -32.27	14.01 -0.41 -20.06	22.45 -0.08 -23.70	271.02 1.06 -257.43	52.88 2.54 -20.48	42.05 2.61 -5.69	70.30 4.42 -8.58	53.39 3.21 0.00	38.25 2.28 0.00	32.35 1.60 -7.35	32.52 0.42 -25.85
PLATSBURG_115KV_PMLD1 355749	45.31 0.33 0.00	42.85 0.36 0.00	32.53 0.23 0.00	31.61 0.15 0.00	30.96 0.08 0.00	36.59 0.19 0.00	48.23 0.20 0.00	38.17 0.35 0.00	32.91 0.24 0.00	9.33 0.06 0.00	-12.69 -0.02 0.00	-7.51 -0.05 0.00	11.09 -0.05 0.00	-11.21 0.04 0.00	-5.59 0.05 0.00	-2.67 0.02 1.52	12.30 -0.23 0.00	29.47 -0.39 0.00	33.36 -0.39 0.00	56.63 -0.67 0.00	49.90 -0.29 0.00	35.73 -0.24 0.00	23.12 -0.28 0.00	6.18 -0.07 0.00
PLEASANTVLY__LBMP 24000	46.84 1.86 0.00	44.56 2.06 0.00	33.95 1.65 0.00	33.06 1.61 0.00	32.56 1.68 0.00	38.13 1.73 0.00	50.28 2.25 0.00	39.69 1.86 0.00	34.61 1.94 0.00	22.71 0.58 -12.85	61.03 -0.74 -74.45	399.02 -0.44 -406.93	34.47 0.65 -22.67	21.05 -0.67 -32.97	12.23 -0.35 -18.22	22.97 -0.07 -24.22	27.17 0.91 -13.73	40.72 2.16 -8.70	39.02 2.30 -2.97	69.95 3.88 -8.76	53.12 2.94 0.00	38.06 2.09 0.00	32.33 1.42 -7.50	33.04 0.38 -26.40
PLSNTVLE_13_KV_13.8KVDIST 80602	47.19 2.21 0.00	44.93 2.43 0.00	34.22 1.92 0.00	33.31 1.85 0.00	32.80 1.92 0.00	38.42 2.01 0.00	50.65 2.63 0.00	40.02 2.20 0.00	35.01 2.32 -0.01	23.58 0.69 -13.61	59.74 -0.89 -73.30	391.17 -0.54 -399.17	34.13 0.75 -22.24	20.32 -0.77 -32.34	11.83 -0.41 -17.88	22.50 -0.08 -23.75	27.05 1.06 -13.46	40.92 2.52 -8.53	39.33 2.66 -2.91	70.38 4.48 -8.59	53.57 3.38 0.00	38.37 2.40 0.00	32.40 1.64 -7.36	32.59 0.43 -25.90
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	47.19 2.21 0.00	44.93 2.43 0.00	34.22 1.92 0.00	33.31 1.85 0.00	32.80 1.92 0.00	38.42 2.01 0.00	50.65 2.63 0.00	40.02 2.20 0.00	35.01 2.32 -0.01	23.58 0.69 -13.61	59.74 -0.89 -73.30	391.17 -0.54 -399.17	34.13 0.75 -22.24	20.32 -0.77 -32.34	11.83 -0.41 -17.88	22.50 -0.08 -23.75	27.05 1.06 -13.46	40.92 2.52 -8.53	39.33 2.66 -2.91	70.38 4.48 -8.59	53.57 3.38 0.00	38.37 2.40 0.00	32.40 1.64 -7.36	32.59 0.43 -25.90
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	47.20 2.21 0.00	44.88 2.38 0.00	34.18 1.88 0.00	33.28 1.83 0.00	32.77 1.89 0.00	38.42 2.01 0.00	50.65 2.63 0.00	39.96 2.14 0.00	34.80 2.13 0.00	22.67 0.63 -12.76	60.47 -0.83 -73.97	396.33 -0.49 -404.29	34.38 0.72 -22.52	20.78 -0.72 -32.76	12.09 -0.38 -18.10	22.81 -0.08 -24.06	27.12 0.95 -13.64	40.83 2.33 -8.64	39.28 2.57 -2.96	70.38 4.37 -8.71	53.61 3.43 0.00	38.39 2.42 0.00	32.48 1.62 -7.46	32.91 0.43 -26.23
POLETTI____ 23519	47.22 2.24 0.00	44.98 2.48 0.00	34.26 1.96 0.00	33.33 1.87 0.00	32.83 1.95 0.00	38.42 2.02 0.00	50.67 2.64 0.00	40.10 2.28 0.00	35.35 2.52 -0.17	33.96 0.76 -23.92	62.28 -0.97 -75.92	390.26 -0.60 -398.32	34.07 0.74 -22.19	20.25 -0.77 -32.27	11.79 -0.41 -17.84	22.45 -0.08 -23.70	27.08 1.12 -13.44	41.04 2.67 -8.51	39.39 2.73 -2.91	70.49 4.60 -8.58	53.43 3.25 0.00	38.27 2.31 0.00	32.34 1.60 -7.35	32.53 0.43 -25.85

POMONA___ESR 323819	47.04 2.06 0.00	44.82 2.32 0.00	34.11 1.82 0.00	33.20 1.75 0.00	32.72 1.84 0.00	38.33 1.93 0.00	50.56 2.54 0.00	39.89 2.07 0.00	34.82 2.15 0.00	22.33 0.64 -12.41	58.44 -0.81 -71.92	385.15 -0.49 -393.11	33.74 0.70 -21.90	19.83 -0.76 -31.85	11.56 -0.41 -17.60	22.14 -0.08 -23.39	26.81 1.02 -13.26	40.68 2.42 -8.40	39.16 2.54 -2.87	70.09 4.32 -8.46	53.51 3.32 0.00	38.30 2.34 0.00	32.28 1.63 -7.25	32.19 0.43 -25.51
PORT_JEFF_3 23555	55.35 2.69 -7.68	47.06 2.92 -1.65	42.14 2.30 -7.55	38.82 2.24 -5.13	54.88 2.36 -21.64	54.95 2.48 -16.07	52.85 3.11 -1.72	55.39 2.74 -14.83	40.26 2.77 -4.82	23.81 0.75 -13.78	59.78 -0.76 -73.21	116.73 -0.23 -124.43	47.03 0.80 -35.08	20.87 -0.88 -33.00	25.46 -0.49 -31.58	23.40 -0.09 -24.66	46.10 1.15 -32.42	59.14 2.75 -26.52	71.61 2.90 -34.96	92.39 4.88 -30.20	107.56 3.96 -53.41	81.42 2.94 -42.52	61.47 2.04 -36.03	50.75 0.53 -43.97
PORT_JEFF_4 23616	55.35 2.69 -7.68	47.06 2.92 -1.65	42.14 2.30 -7.55	38.82 2.24 -5.13	54.88 2.36 -21.64	54.95 2.48 -16.07	52.85 3.11 -1.72	55.39 2.74 -14.83	40.26 2.77 -4.82	23.81 0.75 -13.78	59.78 -0.76 -73.21	116.73 -0.23 -124.43	47.03 0.80 -35.08	20.87 -0.88 -33.00	25.46 -0.49 -31.58	23.40 -0.09 -24.66	46.10 1.15 -32.42	59.14 2.75 -26.52	71.61 2.90 -34.96	92.39 4.88 -30.20	107.56 3.96 -53.41	81.42 2.94 -42.52	61.47 2.04 -36.03	50.75 0.53 -43.97
PORT_JEFF_IC 23713	55.43 2.74 -7.71	47.11 2.96 -1.65	42.20 2.33 -7.57	38.87 2.26 -5.15	54.98 2.39 -21.71	55.03 2.51 -16.12	52.91 3.17 -1.72	55.49 2.79 -14.88	40.32 2.82 -4.83	23.82 0.76 -13.78	59.75 -0.78 -73.21	117.27 -0.28 -125.01	47.10 0.84 -35.12	20.89 -0.86 -33.00	25.51 -0.48 -31.63	23.40 -0.09 -24.67	46.18 1.16 -32.48	59.25 2.81 -26.58	71.80 2.98 -35.06	92.60 5.03 -30.27	107.84 4.08 -53.58	81.64 3.03 -42.65	61.59 2.06 -36.13	50.82 0.54 -44.03
PPL PILGRIM_ST_GT1 24216	55.66 2.83 -7.84	47.26 3.08 -1.68	42.42 2.42 -7.70	39.04 2.34 -5.24	55.43 2.45 -22.10	55.41 2.60 -16.40	53.06 3.29 -1.75	55.77 2.81 -15.14	40.42 2.83 -4.92	23.83 0.78 -13.78	59.73 -0.80 -73.21	120.46 -0.30 -128.23	47.34 0.85 -35.34	20.85 -0.91 -33.01	25.74 -0.50 -31.87	23.42 -0.10 -24.68	46.53 1.19 -32.82	59.55 2.78 -26.91	72.19 2.81 -35.63	92.52 4.56 -30.66	108.37 3.65 -54.53	82.04 2.68 -43.39	62.05 2.01 -36.64	51.11 0.54 -44.32
PPL PILGRIM_ST_GT2 24217	55.66 2.83 -7.84	47.26 3.08 -1.68	42.42 2.42 -7.70	39.04 2.34 -5.24	55.43 2.45 -22.10	55.41 2.60 -16.40	53.06 3.29 -1.75	55.77 2.81 -15.14	40.42 2.83 -4.92	23.83 0.78 -13.78	59.73 -0.80 -73.21	120.46 -0.30 -128.23	47.34 0.85 -35.34	20.85 -0.91 -33.01	25.74 -0.50 -31.87	23.42 -0.10 -24.68	46.53 1.19 -32.82	59.55 2.78 -26.91	72.19 2.81 -35.63	92.52 4.56 -30.66	108.37 3.65 -54.53	82.04 2.68 -43.39	62.05 2.01 -36.64	51.11 0.54 -44.32
PPL_SHRM_GT3 24213	55.38 2.70 -7.70	47.02 2.88 -1.65	42.10 2.24 -7.56	38.72 2.12 -5.14	54.84 2.28 -21.68	54.85 2.36 -16.09	52.59 2.85 -1.72	55.40 2.72 -14.85	40.24 2.74 -4.83	23.79 0.73 -13.78	59.82 -0.71 -73.21	117.09 -0.18 -124.73	47.01 0.76 -35.10	20.90 -0.85 -33.00	25.49 -0.48 -31.61	23.40 -0.09 -24.66	46.11 1.13 -32.45	59.16 2.74 -26.55	71.70 2.93 -35.01	92.50 4.95 -30.23	107.81 4.13 -53.50	81.67 3.12 -42.59	61.64 2.16 -36.08	50.79 0.54 -44.00
PPL_SHRM_GT4 24214	55.38 2.70 -7.70	47.02 2.88 -1.65	42.10 2.24 -7.56	38.72 2.12 -5.14	54.84 2.28 -21.68	54.85 2.36 -16.09	52.59 2.85 -1.72	55.40 2.72 -14.85	40.24 2.74 -4.83	23.79 0.73 -13.78	59.82 -0.71 -73.21	117.09 -0.18 -124.73	47.01 0.76 -35.10	20.90 -0.85 -33.00	25.49 -0.48 -31.61	23.40 -0.09 -24.66	46.11 1.13 -32.45	59.16 2.74 -26.55	71.70 2.93 -35.01	92.50 4.95 -30.23	107.81 4.13 -53.50	81.67 3.12 -42.59	61.64 2.16 -36.08	50.79 0.54 -44.00
PROJECT___ORANGE 1 24174	44.23 -0.76 0.00	41.93 -0.56 0.00	31.80 -0.49 0.00	31.03 -0.43 0.00	30.44 -0.44 0.00	35.96 -0.45 0.00	47.47 -0.56 0.00	37.23 -0.60 0.00	32.00 -0.67 0.00	9.08 -0.20 0.00	-12.43 0.24 0.00	-7.29 0.18 0.00	10.94 -0.20 0.00	-11.05 0.20 0.00	-5.54 0.09 0.00	-1.15 0.02 0.00	12.41 -0.12 0.00	29.53 -0.34 0.00	33.46 -0.37 -0.09	56.71 -0.59 0.00	49.66 -0.53 0.00	35.58 -0.38 0.00	23.10 -0.30 0.00	6.15 -0.10 0.00
PROJECT___ORANGE 2 24166	44.23 -0.76 0.00	41.93 -0.56 0.00	31.80 -0.49 0.00	31.03 -0.43 0.00	30.44 -0.44 0.00	35.96 -0.45 0.00	47.47 -0.56 0.00	37.23 -0.60 0.00	32.00 -0.67 0.00	9.08 -0.20 0.00	-12.43 0.24 0.00	-7.29 0.18 0.00	10.94 -0.20 0.00	-11.05 0.20 0.00	-5.54 0.09 0.00	-1.15 0.02 0.00	12.41 -0.12 0.00	29.53 -0.34 0.00	33.46 -0.37 -0.09	56.71 -0.59 0.00	49.66 -0.53 0.00	35.58 -0.38 0.00	23.10 -0.30 0.00	6.15 -0.10 0.00
PUCKETT___SOLAR 323809	45.02 0.03 0.00	42.81 0.31 0.00	32.38 0.09 0.00	31.65 0.19 0.00	31.02 0.14 0.00	36.76 0.35 0.00	48.66 0.63 0.00	38.24 0.11 -0.31	32.21 -0.46 0.00	10.07 -0.23 -1.03	-6.57 0.18 -5.93	24.30 0.28 -31.49	11.06 -0.27 -0.19	-9.13 0.27 -1.85	-5.24 0.13 -0.27	-0.30 0.02 -0.85	12.34 -0.05 0.14	30.71 0.00 -0.85	36.25 0.23 -2.27	66.49 1.05 -8.14	65.51 1.04 -14.29	38.85 0.62 -2.26	25.22 0.32 -1.50	8.40 0.04 -2.11
PYRITES___HYD 24023	44.85 -0.14 0.00	42.27 -0.23 0.00	32.02 -0.27 0.00	31.14 -0.32 0.00	30.49 -0.39 0.00	36.10 -0.31 0.00	47.53 -0.50 0.00	37.56 -0.26 0.00	32.14 -0.53 0.00	9.06 -0.22 0.00	-12.26 0.41 0.00	-7.27 0.19 0.00	10.71 -0.43 0.00	-10.76 0.49 0.00	-5.37 0.26 0.00	-6.60 0.06 5.49	11.80 -0.73 0.00	28.22 -1.65 0.00	32.06 -1.69 0.00	54.95 -2.35 0.00	49.17 -1.01 0.00	35.20 -0.76 0.00	22.80 -0.61 0.00	6.12 -0.13 0.00
QUAKERRD_115KV_BK1 80622	42.71 -2.27 0.00	40.77 -1.73 0.00	30.81 -1.49 0.00	30.06 -1.40 0.00	29.42 -1.47 0.00	34.90 -1.51 0.00	45.90 -2.12 0.00	35.88 -1.84 0.10	30.94 -1.73 0.00	8.98 -0.49 -0.19	-10.98 0.56 -1.14	-0.43 0.39 -6.65	11.79 -0.47 -1.12	-9.96 0.42 -0.87	-4.59 0.20 -0.84	-0.25 0.04 -0.89	13.21 -0.39 -1.06	29.57 -1.05 -0.75	32.63 -1.34 -0.22	52.84 -2.65 1.81	43.69 -2.43 4.06	34.25 -1.72 0.00	22.30 -1.22 -0.11	6.29 -0.36 -0.40
QUENSBRY_115KV_TB8 356137	47.75 2.77 0.00	45.18 2.68 0.00	34.43 2.14 0.00	33.64 2.18 0.00	33.06 2.18 0.00	38.93 2.53 0.00	51.32 3.30 0.00	40.28 2.46 0.00	34.85 2.18 0.00	24.05 0.63 -14.14	68.37 -0.90 -81.95	439.92 -0.50 -447.88	36.82 0.73 -24.95	24.27 -0.77 -36.29	14.06 -0.36 -20.06	25.41 -0.07 -26.65	28.35 0.71 -15.11	41.32 1.89 -9.57	39.41 2.33 -3.33	71.00 4.05 -9.64	53.80 3.61 0.00	38.70 2.74 0.00	33.39 1.73 -8.26	35.78 0.47 -29.06
RAMAPO___LBMP 323565	46.87 1.88 0.00	44.66 2.16 0.00	33.99 1.70 0.00	33.08 1.62 0.00	32.60 1.72 0.00	38.21 1.81 0.00	50.40 2.37 0.00	39.75 1.93 0.00	34.69 2.02 0.00	22.25 0.60 -12.37	58.27 -0.76 -71.70	383.97 -0.47 -391.90	33.64 0.67 -21.83	19.81 -0.70 -31.75	11.54 -0.37 -17.55	22.08 -0.08 -23.32	26.71 0.96 -13.22	40.52 2.28 -8.37	38.99 2.39 -2.86	69.80 4.06 -8.44	53.30 3.11 0.00	38.16 2.19 0.00	32.16 1.53 -7.23	32.09 0.40 -25.43

RANKINE_____	41.79	40.46	30.30	29.68	28.86	34.53	45.03	35.07	30.48	8.94	-10.69	1.16	11.18	-10.29	-5.13	-0.67	9.32	20.67	20.13	34.50	25.09	20.50	16.70	6.26
23646	-3.19	-2.04	-1.99	-1.77	-2.02	-1.87	-3.00	-2.50	-2.19	-0.59	0.48	0.43	-0.42	0.30	0.14	0.01	-0.32	-1.09	-1.69	-3.58	-3.25	-2.15	-1.55	-0.50
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.00	-0.26	-1.50	-8.20	-0.46	-0.67	-0.37	-0.49	2.88	8.11	11.94	19.22	21.84	13.32	5.14	-0.51
RAVENSWOOD_GT2_1	47.23	44.99	34.26	33.34	32.84	38.42	50.67	40.10	35.34	33.28	62.10	390.27	34.08	20.24	11.79	22.45	27.08	41.04	39.39	70.49	53.44	38.30	32.36	32.53
24244	2.24	2.49	1.96	1.89	1.96	2.02	2.65	2.28	2.51	0.76	-0.97	-0.59	0.75	-0.78	-0.42	-0.08	1.12	2.67	2.73	4.60	3.25	2.33	1.61	0.43
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.16	-23.25	-75.74	-398.32	-22.19	-32.27	-17.84	-23.70	-13.44	-8.51	-2.91	-8.58	0.00	0.00	-7.35	-25.85
RAVENSWOOD_GT2_2	47.23	44.99	34.26	33.34	32.84	38.42	50.67	40.10	35.34	33.28	62.10	390.27	34.08	20.24	11.79	22.45	27.08	41.04	39.39	70.49	53.44	38.30	32.36	32.53
24245	2.24	2.49	1.96	1.89	1.96	2.02	2.65	2.28	2.51	0.76	-0.97	-0.59	0.75	-0.78	-0.42	-0.08	1.12	2.67	2.73	4.60	3.25	2.33	1.61	0.43
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.16	-23.25	-75.74	-398.32	-22.19	-32.27	-17.84	-23.70	-13.44	-8.51	-2.91	-8.58	0.00	0.00	-7.35	-25.85
RAVENSWOOD_GT2_3	47.24	45.01	34.27	33.35	32.85	38.45	50.70	40.12	35.35	33.27	62.09	390.26	34.09	20.24	11.78	22.45	27.09	41.05	39.41	70.50	53.49	38.31	32.37	32.53
24246	2.26	2.51	1.98	1.90	1.97	2.05	2.68	2.29	2.52	0.76	-0.97	-0.60	0.75	-0.78	-0.42	-0.08	1.12	2.68	2.75	4.62	3.30	2.35	1.62	0.43
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.16	-23.23	-75.73	-398.32	-22.19	-32.27	-17.84	-23.70	-13.44	-8.51	-2.91	-8.58	0.00	0.00	-7.35	-25.85
RAVENSWOOD_GT2_4	47.24	45.01	34.27	33.35	32.85	38.45	50.70	40.12	35.35	33.27	62.09	390.26	34.09	20.24	11.78	22.45	27.09	41.05	39.41	70.50	53.49	38.31	32.37	32.53
24247	2.26	2.51	1.98	1.90	1.97	2.05	2.68	2.29	2.52	0.76	-0.97	-0.60	0.75	-0.78	-0.42	-0.08	1.12	2.68	2.75	4.62	3.30	2.35	1.62	0.43
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.16	-23.23	-75.73	-398.32	-22.19	-32.27	-17.84	-23.70	-13.44	-8.51	-2.91	-8.58	0.00	0.00	-7.35	-25.85
RAVENSWOOD_GT3_1	47.24	45.02	34.28	33.35	32.86	38.45	50.72	40.12	35.34	33.13	62.06	390.27	34.09	20.23	11.78	22.45	27.08	41.04	39.40	70.49	53.51	38.34	32.38	32.54
24248	2.26	2.52	1.99	1.90	1.99	2.05	2.69	2.30	2.52	0.76	-0.96	-0.59	0.76	-0.79	-0.42	-0.08	1.11	2.67	2.74	4.61	3.32	2.37	1.64	0.44
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.15	-23.10	-75.70	-398.32	-22.19	-32.27	-17.84	-23.70	-13.44	-8.51	-2.91	-8.58	0.00	0.00	-7.35	-25.85
RAVENSWOOD_GT3_2	47.24	45.02	34.28	33.35	32.86	38.45	50.72	40.12	35.34	33.13	62.06	390.27	34.09	20.23	11.78	22.45	27.08	41.04	39.40	70.49	53.51	38.34	32.38	32.54
24249	2.26	2.52	1.99	1.90	1.99	2.05	2.69	2.30	2.52	0.76	-0.96	-0.59	0.76	-0.79	-0.42	-0.08	1.11	2.67	2.74	4.61	3.32	2.37	1.64	0.44
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.15	-23.10	-75.70	-398.32	-22.19	-32.27	-17.84	-23.70	-13.44	-8.51	-2.91	-8.58	0.00	0.00	-7.35	-25.85
RAVENSWOOD_GT3_3	47.30	45.06	34.32	33.39	32.89	38.49	50.77	40.17	35.38	33.17	62.05	390.26	34.11	20.22	11.77	22.45	27.10	41.08	39.46	70.58	53.58	38.39	32.42	32.54
24250	2.31	2.56	2.03	1.94	2.02	2.09	2.75	2.35	2.56	0.77	-0.98	-0.60	0.77	-0.81	-0.43	-0.08	1.13	2.71	2.80	4.69	3.40	2.42	1.67	0.45
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.15	-23.12	-75.70	-398.32	-22.19	-32.27	-17.84	-23.70	-13.44	-8.51	-2.91	-8.58	0.00	0.00	-7.35	-25.85
RAVENSWOOD_GT3_4	47.30	45.06	34.32	33.39	32.89	38.49	50.77	40.17	35.38	33.17	62.05	390.26	34.11	20.22	11.77	22.45	27.10	41.08	39.46	70.58	53.58	38.39	32.42	32.54
24251	2.31	2.56	2.03	1.94	2.02	2.09	2.75	2.35	2.56	0.77	-0.98	-0.60	0.77	-0.81	-0.43	-0.08	1.13	2.71	2.80	4.69	3.40	2.42	1.67	0.45
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.15	-23.12	-75.70	-398.32	-22.19	-32.27	-17.84	-23.70	-13.44	-8.51	-2.91	-8.58	0.00	0.00	-7.35	-25.85
RAVENSWOOD_GT_1	47.21	45.02	34.30	33.36	32.87	38.43	50.72	40.17	35.41	33.74	62.06	390.26	34.14	20.20	11.77	22.45	27.12	41.08	39.44	70.50	53.52	38.39	32.41	32.55
23729	2.23	2.52	2.00	1.91	1.99	2.03	2.70	2.35	2.58	0.80	-0.99	-0.60	0.80	-0.82	-0.44	-0.09	1.15	2.71	2.78	4.62	3.34	2.42	1.66	0.45
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.16	-23.66	-75.72	-398.33	-22.19	-32.27	-17.84	-23.71	-13.44	-8.51	-2.91	-8.58	0.00	0.00	-7.35	-25.85
RAVENSWOOD_GT_10	47.23	45.00	34.26	33.34	32.84	38.43	50.68	40.10	35.34	33.23	62.10	390.27	34.08	20.25	11.79	22.45	27.08	41.04	39.39	70.49	53.44	38.30	32.36	32.53
24258	2.24	2.50	1.96	1.89	1.96	2.02	2.65	2.28	2.51	0.76	-0.96	-0.59	0.75	-0.78	-0.41	-0.08	1.11	2.67	2.73	4.60	3.26	2.33	1.61	0.43
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.16	-23.19	-75.74	-398.32	-22.19	-32.27	-17.84	-23.70	-13.44	-8.51	-2.91	-8.58	0.00	0.00	-7.35	-25.85
RAVENSWOOD_GT_11	47.23	45.00	34.26	33.34	32.84	38.43	50.68	40.10	35.34	33.23	62.10	390.27	34.08	20.25	11.79	22.45	27.08	41.04	39.39	70.49	53.44	38.30	32.36	32.53
24259	2.24	2.50	1.96	1.89	1.96	2.02	2.65	2.28	2.51	0.76	-0.96	-0.59	0.75	-0.78	-0.41	-0.08	1.11	2.67	2.73	4.60	3.26	2.33	1.61	0.43
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.16	-23.19	-75.74	-398.32	-22.19	-32.27	-17.84	-23.70	-13.44	-8.51	-2.91	-8.58	0.00	0.00	-7.35	-25.85
RAVENSWOOD_GT_4	47.23	45.00	34.26	33.35	32.85	38.43	50.70	40.12	35.36	33.60	62.08	390.27	34.11	20.23	11.78	22.45	27.09	41.04	39.40	70.47	53.49	38.34	32.38	32.54
24252	2.24	2.50	1.97	1.90	1.97	2.02	2.67	2.30	2.53	0.77	-0.97	-0.59	0.77	-0.79	-0.42	-0.08	1.12	2.67	2.75	4.59	3.30	2.37	1.63	0.44
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.16	-23.56	-75.72	-398.33	-22.19	-32.27	-17.84	-23.71	-13.44	-8.51	-2.91	-8.58	0.00	0.00	-7.35	-25.85
RAVENSWOOD_GT_5	47.23	45.00	34.26	33.35	32.85	38.43	50.70	40.12	35.36	33.60	62.08	390.27	34.11	20.23	11.78	22.45	27.09	41.04	39.40	70.47	53.49	38.34	32.38	32.54
24254	2.24	2.50	1.97	1.90	1.97	2.02	2.67	2.30	2.53	0.77	-0.97	-0.59	0.77	-0.79	-0.42	-0.08	1.12	2.67	2.75	4.59	3.30	2.37	1.63	0.44
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.16	-23.56	-75.72	-398.33	-22.19	-32.27	-17.84	-23.71	-13.44	-8.51	-2.91	-8.58	0.00	0.00	-7.35	-25.85
RAVENSWOOD_GT_6	47.23	45.00	34.26	33.35	32.85	38.43	50.70	40.12	35.36	33.60	62.08	390.27	34.11	20.23	11.78	22.45	27.09	41.04	39.40	70.47	53.49	38.34	32.38	32.54
24253	2.24	2.50	1.97	1.90	1.97	2.02	2.67	2.30	2.53	0.77	-0.97	-0.59	0.77	-0.79	-0.42	-0.08	1.12	2.67	2.75	4.59	3.30	2.37	1.63	0.44
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.16	-23.56	-75.72	-398.33	-22.19	-32.27	-17.84	-23.71	-13.44	-8.51	-2.91	-8.58	0.00	0.00	-7.35	-25.85

RAVENSWOOD_GT_7 24255	47.23 2.24 0.00	45.00 2.50 0.00	34.26 1.97 0.00	33.35 1.90 0.00	32.85 1.97 0.00	38.43 2.02 0.00	50.70 2.67 0.00	40.12 2.30 0.00	35.36 2.53 -0.16	33.60 0.77 -23.56	62.08 -0.97 -75.72	390.27 -0.59 -398.33	34.11 0.77 -22.19	20.23 -0.79 -32.27	11.78 -0.42 -17.84	22.45 -0.08 -23.71	27.09 1.12 -13.44	41.04 2.67 -8.51	39.40 2.75 -2.91	70.47 4.59 -8.58	53.49 3.30 0.00	38.34 2.37 0.00	32.38 1.63 -7.35	32.54 0.44 -25.85
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	47.23 2.24 0.00	45.00 2.50 0.00	34.26 1.96 0.00	33.34 1.89 0.00	32.84 1.96 0.00	38.43 2.02 0.00	50.68 2.65 0.00	40.10 2.28 0.00	35.34 2.51 -0.16	33.23 0.76 -23.19	62.10 -0.96 -75.74	390.27 -0.59 -398.32	34.08 0.75 -22.19	20.25 -0.78 -32.27	11.79 -0.41 -17.84	22.45 -0.08 -23.70	27.08 1.11 -13.44	41.04 2.67 -8.51	39.39 2.73 -2.91	70.49 4.60 -8.58	53.44 3.26 0.00	38.30 2.33 0.00	32.36 1.61 -7.35	32.53 0.43 -25.85
RAVENSWOOD_GT_9 24257	47.23 2.24 0.00	45.00 2.50 0.00	34.26 1.96 0.00	33.34 1.89 0.00	32.84 1.96 0.00	38.43 2.02 0.00	50.68 2.65 0.00	40.10 2.28 0.00	35.34 2.51 -0.16	33.23 0.76 -23.19	62.10 -0.96 -75.74	390.27 -0.59 -398.32	34.08 0.75 -22.19	20.25 -0.78 -32.27	11.79 -0.41 -17.84	22.45 -0.08 -23.70	27.08 1.11 -13.44	41.04 2.67 -8.51	39.39 2.73 -2.91	70.49 4.60 -8.58	53.44 3.26 0.00	38.30 2.33 0.00	32.36 1.61 -7.35	32.53 0.43 -25.85
RAVENSWOOD____1 23533	47.21 2.23 0.00	45.01 2.51 0.00	34.28 1.99 0.00	33.35 1.90 0.00	32.85 1.97 0.00	38.42 2.02 0.00	50.71 2.68 0.00	40.16 2.34 0.00	35.41 2.58 -0.16	33.66 0.80 -23.58	62.08 -0.97 -75.72	390.28 -0.59 -398.33	34.11 0.78 -22.19	20.18 -0.85 -32.27	11.76 -0.45 -17.84	22.45 -0.09 -23.71	27.11 1.15 -13.44	41.06 2.68 -8.51	39.43 2.77 -2.91	70.49 4.61 -8.58	53.52 3.33 0.00	38.37 2.40 0.00	32.41 1.66 -7.35	32.55 0.45 -25.85
RAVENSWOOD____2 23534	47.20 2.22 0.00	44.99 2.49 0.00	34.27 1.98 0.00	33.34 1.89 0.00	32.84 1.96 0.00	38.41 2.01 0.00	50.69 2.66 0.00	40.14 2.32 0.00	35.38 2.56 -0.16	33.57 0.79 -23.49	62.08 -0.96 -75.72	390.28 -0.58 -398.33	34.11 0.78 -22.19	20.18 -0.84 -32.27	11.76 -0.45 -17.84	22.45 -0.09 -23.71	27.11 1.14 -13.44	41.05 2.67 -8.51	39.42 2.76 -2.91	70.47 4.59 -8.58	53.50 3.32 0.00	38.36 2.40 0.00	32.40 1.65 -7.35	32.55 0.45 -25.85
RAVENSWOOD____3 23535	47.23 2.25 0.00	45.01 2.51 0.00	34.27 1.98 0.00	33.35 1.90 0.00	32.85 1.97 0.00	38.44 2.04 0.00	50.70 2.67 0.00	40.11 2.29 0.00	35.34 2.51 -0.16	33.21 0.76 -23.17	62.09 -0.96 -75.72	390.28 -0.58 -398.32	34.07 0.74 -22.19	20.21 -0.81 -32.27	11.77 -0.43 -17.84	22.45 -0.08 -23.70	27.08 1.11 -13.44	41.03 2.66 -8.51	39.40 2.74 -2.91	70.49 4.60 -8.58	53.49 3.30 0.00	38.31 2.35 0.00	32.37 1.63 -7.35	32.53 0.43 -25.85
RAVENSWOOD____4 23820	47.20 2.22 0.00	44.99 2.49 0.00	34.27 1.98 0.00	33.34 1.89 0.00	32.84 1.96 0.00	38.41 2.01 0.00	50.69 2.66 0.00	40.14 2.32 0.00	35.38 2.56 -0.16	33.57 0.79 -23.49	62.08 -0.96 -75.72	390.28 -0.58 -398.33	34.11 0.78 -22.19	20.18 -0.84 -32.27	11.76 -0.45 -17.84	22.45 -0.09 -23.71	27.11 1.14 -13.44	41.05 2.67 -8.51	39.42 2.76 -2.91	70.47 4.59 -8.58	53.50 3.32 0.00	38.36 2.40 0.00	32.40 1.65 -7.35	32.55 0.45 -25.85
RCPL_TRUST____DRP 24196	47.29 2.30 0.00	45.04 2.54 0.00	34.29 2.00 0.00	33.37 1.92 0.00	32.87 1.99 0.00	38.46 2.06 0.00	50.73 2.71 0.00	40.14 2.32 0.00	35.43 2.53 -0.24	38.61 0.76 -28.57	63.52 -0.97 -77.16	390.26 -0.60 -398.32	34.10 0.76 -22.19	20.22 -0.80 -32.27	11.78 -0.43 -17.84	22.45 -0.08 -23.70	27.09 1.12 -13.44	41.06 2.68 -8.51	39.43 2.77 -2.91	70.53 4.65 -8.58	53.58 3.40 0.00	38.37 2.41 0.00	32.42 1.67 -7.35	32.54 0.44 -25.85
RED____ROCHESTER 323720	43.67 -1.31 0.00	41.79 -0.71 0.00	31.51 -0.78 0.00	30.76 -0.70 0.00	30.08 -0.81 0.00	35.73 -0.67 0.00	46.89 -1.13 0.00	36.64 -1.07 0.12	31.61 -1.06 0.00	9.18 -0.29 -0.20	-11.27 0.24 -1.16	-0.32 0.22 -6.92	12.35 -0.16 -1.36	-10.09 0.16 -0.99	-4.55 0.07 -1.02	-0.12 0.00 -1.05	13.81 -0.05 -1.33	30.61 -0.20 -0.95	33.55 -0.47 -0.27	54.00 -1.25 2.06	44.32 -1.24 4.64	35.12 -0.84 0.00	22.84 -0.68 -0.12	6.43 -0.23 -0.41
REGAN____SOLAR 323812	47.32 2.34 0.00	44.81 2.31 0.00	34.05 1.75 0.00	33.13 1.67 0.00	32.54 1.66 0.00	38.39 1.98 0.00	50.78 2.75 0.00	39.70 1.89 0.00	33.56 0.89 0.00	23.83 0.07 -14.48	70.92 -0.33 -83.92	451.10 -0.14 -458.70	36.82 0.11 -25.55	25.81 -0.10 -37.17	14.94 0.03 -20.54	26.14 0.01 -27.30	27.84 -0.16 -15.47	39.64 -0.03 -9.81	38.45 1.17 -3.52	70.70 3.52 -9.88	53.55 3.36 0.00	38.35 2.39 0.00	33.33 1.47 -8.46	36.38 0.36 -29.76
RENSSELAER____COGEN 23796	45.76 0.78 0.00	43.41 0.91 0.00	33.15 0.85 0.00	32.27 0.82 0.00	31.74 0.86 0.00	37.29 0.88 0.00	49.11 1.09 0.00	38.72 0.89 0.00	33.58 0.91 0.00	23.45 0.29 -13.88	67.40 -0.36 -80.43	431.91 -0.21 -439.59	36.00 0.37 -24.49	23.98 -0.39 -35.62	13.86 -0.20 -19.68	24.95 -0.04 -26.16	27.77 0.41 -14.83	40.21 0.95 -9.39	38.06 1.06 -3.25	68.51 1.74 -9.47	51.56 1.37 0.00	37.01 1.05 0.00	32.29 0.79 -8.11	35.03 0.25 -28.52
REPUBLIC_115KV_BARTNBRK 55605	49.07 4.09 0.00	46.50 4.00 0.00	35.39 3.09 0.00	34.82 3.37 0.00	34.18 3.30 0.00	40.27 3.87 0.00	52.98 4.95 0.00	41.33 3.51 0.00	35.71 3.03 0.00	24.29 0.88 -14.14	67.97 -1.28 -81.92	439.62 -0.67 -447.76	37.09 1.00 -24.94	23.98 -1.05 -36.28	13.94 -0.48 -20.05	25.38 -0.09 -26.64	28.68 1.05 -15.10	42.51 3.07 -9.57	40.55 3.47 -3.32	72.91 5.97 -9.64	55.68 5.49 0.00	39.89 3.93 0.00	34.04 2.38 -8.26	35.94 0.63 -29.05
REVERE_CPPR_DRP 24186	45.89 0.91 0.00	43.44 0.94 0.00	32.99 0.69 0.00	32.18 0.73 0.00	31.53 0.65 0.00	37.27 0.86 0.00	49.13 1.11 0.00	38.49 0.67 0.00	32.77 0.10 0.00	9.23 -0.05 0.00	-12.58 0.09 0.00	-7.43 0.04 0.00	11.06 -0.08 0.00	-11.14 0.11 0.00	-5.55 0.08 0.00	5.04 0.02 -6.19	12.53 0.00 0.00	29.94 0.07 0.00	34.54 0.73 -0.06	58.87 1.57 0.00	51.83 1.65 0.00	36.98 1.01 0.00	23.90 0.50 0.00	6.35 0.10 0.00
REYNLDDPA_13_KV_LD 356490	44.88 -0.11 0.00	42.37 -0.13 0.00	32.18 -0.11 0.00	31.28 -0.18 0.00	30.66 -0.22 0.00	36.25 -0.15 0.00	47.66 -0.37 0.00	37.70 -0.12 0.00	32.62 -0.05 0.00	9.26 -0.02 0.00	-12.59 0.08 0.00	-7.46 0.00 0.00	11.03 -0.11 0.00	-11.09 0.15 0.00	-5.55 0.09 0.00	-3.03 0.02 1.88	12.24 -0.29 0.00	29.23 -0.63 0.00	33.06 -0.69 0.00	56.04 -1.27 0.00	49.32 -0.87 0.00	35.41 -0.56 0.00	23.04 -0.36 0.00	6.18 -0.08 0.00
REYNOLDS_115KV_TB3 80639	46.20 1.21 0.00	43.83 1.33 0.00	33.43 1.14 0.00	32.56 1.11 0.00	32.01 1.14 0.00	37.61 1.21 0.00	49.55 1.53 0.00	39.05 1.22 0.00	33.87 1.20 0.00	23.55 0.38 -13.90	67.37 -0.49 -80.54	432.42 -0.30 -440.19	36.14 0.47 -24.52	23.94 -0.47 -35.66	13.83 -0.24 -19.71	24.97 -0.05 -26.20	27.90 0.52 -14.85	40.51 1.24 -9.41	38.35 1.35 -3.25	69.05 2.26 -9.48	52.01 1.82 0.00	37.31 1.35 0.00	32.51 0.99 -8.12	35.11 0.29 -28.56

RIVERBAY____ 323610	48.34 3.35 0.00	46.04 3.55 0.00	35.18 2.88 0.00	34.20 2.75 0.00	33.68 2.80 0.00	39.43 3.03 0.00	52.14 4.12 0.00	41.32 3.50 0.00	36.27 3.44 -0.16	33.88 1.02 -23.58	61.78 -1.27 -75.72	390.09 -0.77 -398.33	34.38 1.04 -22.19	19.98 -1.04 -32.27	11.66 -0.55 -17.84	22.43 -0.11 -23.71	27.37 1.41 -13.44	41.72 3.34 -8.51	40.28 3.62 -2.91	71.90 6.02 -8.58	54.73 4.55 0.00	39.28 3.32 0.00	32.96 2.22 -7.35	32.69 0.58 -25.85
RIVERSIDE_115KV_TB3 55908	46.04 1.06 0.00	43.68 1.18 0.00	33.32 1.02 0.00	32.45 1.00 0.00	31.92 1.04 0.00	37.50 1.09 0.00	49.40 1.38 0.00	38.93 1.11 0.00	33.77 1.10 0.00	23.53 0.34 -13.91	67.52 -0.44 -80.63	432.96 -0.27 -440.70	36.14 0.44 -24.55	24.02 -0.44 -35.71	13.88 -0.22 -19.74	25.00 -0.05 -26.23	27.88 0.48 -14.86	40.42 1.14 -9.42	38.28 1.27 -3.26	68.89 2.09 -9.49	51.85 1.67 0.00	37.22 1.25 0.00	32.45 0.92 -8.13	35.13 0.28 -28.59
ROARING____BROOK_WT_PWR 323790	44.70 -0.28 0.00	42.27 -0.23 0.00	32.12 -0.18 0.00	31.30 -0.16 0.00	30.66 -0.23 0.00	36.18 -0.23 0.00	47.81 -0.21 0.00	37.72 -0.10 0.00	32.57 -0.10 0.00	9.22 -0.06 0.00	-12.54 0.13 0.00	-7.43 0.04 0.00	11.03 -0.12 0.00	-11.10 0.15 0.00	-5.53 0.11 0.00	-1.14 0.03 0.00	12.20 -0.33 0.00	29.23 -0.63 0.00	33.19 -0.56 0.00	56.21 -1.09 0.00	49.57 -0.62 0.00	35.37 -0.60 0.00	22.97 -0.43 0.00	6.15 -0.10 0.00
ROCHESRG_115KV_T4 355643	43.26 -1.72 0.00	41.39 -1.11 0.00	31.23 -1.07 0.00	30.48 -0.97 0.00	29.80 -1.08 0.00	35.39 -1.01 0.00	46.45 -1.57 0.00	36.32 -1.38 0.12	31.35 -1.32 0.00	9.11 -0.36 -0.20	-11.17 0.35 -1.15	-0.43 0.27 -6.77	12.09 -0.29 -1.24	-10.10 0.22 -0.93	-4.60 0.11 -0.93	-0.19 0.01 -0.97	13.54 -0.18 -1.19	30.11 -0.59 -0.84	33.08 -0.92 -0.24	53.28 -1.99 2.04	43.77 -1.86 4.55	34.68 -1.28 0.00	22.57 -0.95 -0.11	6.36 -0.30 -0.40
ROCHESTER_9_IC 23652	43.52 -1.47 0.00	41.63 -0.87 0.00	31.40 -0.89 0.00	30.65 -0.80 0.00	29.97 -0.91 0.00	35.61 -0.80 0.00	46.73 -1.29 0.00	36.51 -1.19 0.12	31.51 -1.17 0.00	9.15 -0.32 -0.20	-11.22 0.29 -1.16	-0.30 0.24 -6.93	12.28 -0.23 -1.37	-10.08 0.17 -1.00	-4.53 0.08 -1.03	-0.11 0.01 -1.05	13.77 -0.11 -1.34	30.43 -0.38 -0.95	33.37 -0.66 -0.27	53.69 -1.56 2.06	44.07 -1.48 4.64	34.94 -1.03 0.00	22.73 -0.79 -0.12	6.40 -0.26 -0.41
ROCKVIEW_13_KV_LD 356306	47.24 2.25 0.00	44.99 2.49 0.00	34.25 1.95 0.00	33.34 1.88 0.00	32.83 1.95 0.00	38.45 2.05 0.00	50.71 2.68 0.00	40.07 2.25 0.00	35.07 2.39 -0.01	23.09 0.71 -13.10	59.43 -0.92 -73.02	390.29 -0.56 -398.32	34.11 0.78 -22.19	20.22 -0.80 -32.27	11.78 -0.42 -17.84	22.45 -0.08 -23.70	27.06 1.09 -13.44	40.99 2.61 -8.51	39.40 2.74 -2.91	70.48 4.60 -8.58	53.65 3.46 0.00	38.43 2.46 0.00	32.43 1.68 -7.35	32.55 0.45 -25.85
ROME____115KV_TB2 80656	45.89 0.91 0.00	43.44 0.94 0.00	32.99 0.69 0.00	32.18 0.73 0.00	31.53 0.65 0.00	37.27 0.86 0.00	49.13 1.11 0.00	38.49 0.67 0.00	32.77 0.10 0.00	9.23 -0.05 0.00	-12.58 0.09 0.00	-7.43 0.04 0.00	11.06 -0.08 0.00	-11.14 0.11 0.00	-5.55 0.08 0.00	5.04 0.02 -6.19	12.53 0.00 0.00	29.94 0.07 0.00	34.54 0.73 -0.06	58.87 1.57 0.00	51.83 1.65 0.00	36.98 1.01 0.00	23.90 0.50 0.00	6.35 0.10 0.00
ROSETON____1 23587	46.80 1.82 0.00	44.52 2.02 0.00	33.91 1.61 0.00	33.02 1.56 0.00	32.51 1.63 0.00	38.10 1.70 0.00	50.23 2.20 0.00	39.65 1.83 0.00	34.57 1.89 0.00	22.44 0.57 -12.60	59.61 -0.72 -73.00	391.11 -0.43 -399.01	33.99 0.62 -22.23	20.40 -0.68 -32.33	11.88 -0.36 -17.87	22.50 -0.07 -23.74	26.88 0.89 -13.46	40.49 2.10 -8.53	38.90 2.24 -2.91	69.69 3.79 -8.59	53.07 2.88 0.00	38.00 2.04 0.00	32.17 1.41 -7.36	32.52 0.37 -25.89
ROSETON____2 23588	46.80 1.82 0.00	44.52 2.02 0.00	33.91 1.61 0.00	33.02 1.56 0.00	32.51 1.63 0.00	38.10 1.70 0.00	50.23 2.20 0.00	39.65 1.83 0.00	34.57 1.89 0.00	22.44 0.57 -12.60	59.61 -0.72 -73.00	391.11 -0.43 -399.01	33.99 0.62 -22.23	20.40 -0.68 -32.33	11.88 -0.36 -17.87	22.50 -0.07 -23.74	26.88 0.89 -13.46	40.49 2.10 -8.53	38.90 2.24 -2.91	69.69 3.79 -8.59	53.07 2.88 0.00	38.00 2.04 0.00	32.17 1.41 -7.36	32.52 0.37 -25.89
ROTTDRAM_115KV_TB3 80664	46.27 1.29 0.00	43.86 1.36 0.00	33.38 1.08 0.00	32.51 1.06 0.00	31.95 1.07 0.00	37.60 1.19 0.00	49.59 1.57 0.00	39.02 1.20 0.00	33.75 1.08 0.00	23.78 0.30 -14.20	69.21 -0.44 -82.33	442.23 -0.26 -449.96	36.59 0.38 -25.07	24.82 -0.39 -36.46	14.32 -0.19 -20.15	25.56 -0.04 -26.78	28.11 0.40 -15.18	40.48 1.00 -9.62	38.32 1.23 -3.35	69.23 2.23 -9.69	52.06 1.87 0.00	37.31 1.35 0.00	32.61 0.91 -8.30	35.69 0.24 -29.20
RUSSELL____1 23602	43.68 -1.30 0.00	41.78 -0.72 0.00	31.51 -0.78 0.00	30.76 -0.69 0.00	30.08 -0.81 0.00	35.74 -0.67 0.00	46.89 -1.14 0.00	36.64 -1.07 0.12	31.61 -1.06 0.00	9.18 -0.29 -0.20	-11.26 0.25 -1.16	-0.33 0.21 -6.92	12.31 -0.19 -1.36	-10.13 0.12 -0.99	-4.56 0.06 -1.02	-0.12 0.00 -1.05	13.81 -0.06 -1.33	30.58 -0.23 -0.95	33.53 -0.49 -0.27	53.97 -1.27 2.06	44.31 -1.24 4.64	35.11 -0.85 0.00	22.83 -0.69 -0.12	6.43 -0.23 -0.41
RUSSELL____2 23532	43.68 -1.30 0.00	41.78 -0.72 0.00	31.51 -0.78 0.00	30.76 -0.69 0.00	30.08 -0.81 0.00	35.74 -0.67 0.00	46.89 -1.14 0.00	36.64 -1.07 0.12	31.61 -1.06 0.00	9.18 -0.29 -0.20	-11.26 0.25 -1.16	-0.33 0.21 -6.92	12.31 -0.19 -1.36	-10.13 0.12 -0.99	-4.56 0.06 -1.02	-0.12 0.00 -1.05	13.81 -0.06 -1.33	30.58 -0.23 -0.95	33.53 -0.49 -0.27	53.97 -1.27 2.06	44.31 -1.24 4.64	35.11 -0.85 0.00	22.83 -0.69 -0.12	6.43 -0.23 -0.41
RUSSELL____3 23549	43.68 -1.30 0.00	41.78 -0.72 0.00	31.51 -0.78 0.00	30.76 -0.69 0.00	30.08 -0.81 0.00	35.74 -0.67 0.00	46.89 -1.14 0.00	36.64 -1.07 0.12	31.61 -1.06 0.00	9.18 -0.29 -0.20	-11.26 0.25 -1.16	-0.33 0.21 -6.92	12.31 -0.19 -1.36	-10.13 0.12 -0.99	-4.56 0.06 -1.02	-0.12 0.00 -1.05	13.81 -0.06 -1.33	30.58 -0.23 -0.95	33.53 -0.49 -0.27	53.97 -1.27 2.06	44.31 -1.24 4.64	35.11 -0.85 0.00	22.83 -0.69 -0.12	6.43 -0.23 -0.41
RUSSELL____4 23556	43.68 -1.30 0.00	41.78 -0.72 0.00	31.51 -0.78 0.00	30.76 -0.69 0.00	30.08 -0.81 0.00	35.74 -0.67 0.00	46.89 -1.14 0.00	36.64 -1.07 0.12	31.61 -1.06 0.00	9.18 -0.29 -0.20	-11.26 0.25 -1.16	-0.33 0.21 -6.92	12.31 -0.19 -1.36	-10.13 0.12 -0.99	-4.56 0.06 -1.02	-0.12 0.00 -1.05	13.81 -0.06 -1.33	30.58 -0.23 -0.95	33.53 -0.49 -0.27	53.97 -1.27 2.06	44.31 -1.24 4.64	35.11 -0.85 0.00	22.83 -0.69 -0.12	6.43 -0.23 -0.41
RUSSELL____STATION 23914	43.68 -1.30 0.00	41.78 -0.72 0.00	31.51 -0.78 0.00	30.76 -0.69 0.00	30.08 -0.81 0.00	35.74 -0.67 0.00	46.89 -1.14 0.00	36.64 -1.07 0.12	31.61 -1.06 0.00	9.18 -0.29 -0.20	-11.26 0.25 -1.16	-0.33 0.21 -6.92	12.31 -0.19 -1.36	-10.13 0.12 -0.99	-4.56 0.06 -1.02	-0.12 0.00 -1.05	13.81 -0.06 -1.33	30.58 -0.23 -0.95	33.53 -0.49 -0.27	53.97 -1.27 2.06	44.31 -1.24 4.64	35.11 -0.85 0.00	22.83 -0.69 -0.12	6.43 -0.23 -0.41

S SALMON___HYD 24043	43.77 -1.21 0.00	41.48 -1.02 0.00	31.52 -0.78 0.00	30.75 -0.71 0.00	30.11 -0.77 0.00	35.55 -0.86 0.00	46.89 -1.14 0.00	36.83 -0.99 0.00	31.49 -1.18 0.00	8.89 -0.39 0.00	-12.18 0.49 0.00	-7.18 0.28 0.00	10.73 -0.42 0.00	-10.81 0.45 0.00	-5.39 0.24 0.00	-4.81 0.05 3.69	12.04 -0.48 0.00	28.75 -1.11 0.00	32.80 -1.02 -0.07	55.80 -1.51 0.00	49.25 -0.94 0.00	35.08 -0.88 0.00	22.71 -0.69 0.00	6.05 -0.20 0.00
S.PERRY___115KV_TB1 80734	44.39 -0.60 0.00	42.51 0.02 0.00	31.95 -0.35 0.00	31.29 -0.17 0.00	30.56 -0.32 0.00	36.44 0.04 0.00	47.71 -0.32 0.00	36.75 -0.81 0.26	31.30 -1.37 0.00	9.19 -0.36 -0.27	-10.45 0.44 -1.79	10.22 0.39 -17.29	24.44 -0.41 -13.71	-3.88 0.30 -7.06	4.58 0.15 -10.06	8.22 0.02 -9.37	38.39 -0.27 -26.12	69.08 -0.75 -39.97	77.62 -1.01 -44.88	106.51 -1.07 -50.27	85.97 -0.54 -36.33	82.47 -0.35 -46.86	41.83 -0.35 -18.78	6.61 -0.19 -0.54
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	41.50 -3.48 0.00	40.21 -2.29 0.00	30.12 -2.17 0.00	29.47 -1.98 0.00	28.66 -2.23 0.00	34.28 -2.13 0.00	44.68 -3.34 0.00	34.88 -2.71 0.24	30.33 -2.34 0.00	8.91 -0.62 -0.25	-10.72 0.50 -1.46	0.92 0.43 -7.96	11.15 -0.44 -0.44	-10.29 0.31 -0.65	-5.14 0.14 -0.36	-0.69 0.01 -0.48	9.44 -0.33 2.76	20.93 -1.17 7.76	20.55 -1.79 11.42	35.19 -3.88 18.24	26.01 -3.56 20.61	20.85 -2.38 12.74	16.78 -1.70 4.92	6.22 -0.53 -0.49
SAWYER___23_KV_LOAD 55526	41.50 -3.48 0.00	40.21 -2.29 0.00	30.12 -2.17 0.00	29.47 -1.98 0.00	28.66 -2.23 0.00	34.28 -2.13 0.00	44.68 -3.34 0.00	34.88 -2.71 0.24	30.33 -2.34 0.00	8.91 -0.62 -0.25	-10.72 0.50 -1.46	0.92 0.43 -7.96	11.15 -0.44 -0.44	-10.29 0.31 -0.65	-5.14 0.14 -0.36	-0.69 0.01 -0.48	9.44 -0.33 2.76	20.93 -1.17 7.76	20.55 -1.79 11.42	35.19 -3.88 18.24	26.01 -3.56 20.61	20.85 -2.38 12.74	16.78 -1.70 4.92	6.22 -0.53 -0.49
SELKIRK___I 23801	46.19 1.20 0.00	43.81 1.31 0.00	33.40 1.10 0.00	32.53 1.08 0.00	31.99 1.11 0.00	37.60 1.20 0.00	49.54 1.52 0.00	39.00 1.18 0.00	33.81 1.14 0.00	23.38 0.34 -13.76	66.67 -0.43 -79.78	428.32 -0.23 -436.01	35.83 0.40 -24.29	23.66 -0.41 -35.33	13.68 -0.21 -19.53	24.73 -0.04 -25.95	27.65 0.41 -14.71	40.16 0.98 -9.32	38.21 1.24 -3.21	68.85 2.16 -9.39	51.94 1.75 0.00	37.25 1.29 0.00	32.36 0.91 -8.04	34.82 0.27 -28.29
SELKIRK___II 23799	45.93 0.95 0.00	43.57 1.07 0.00	33.22 0.92 0.00	32.35 0.89 0.00	31.82 0.94 0.00	37.38 0.98 0.00	49.26 1.23 0.00	38.82 1.00 0.00	33.67 1.00 0.00	23.42 0.31 -13.84	67.14 -0.39 -80.21	430.67 -0.24 -438.37	35.94 0.38 -24.42	23.86 -0.41 -35.52	13.79 -0.21 -19.63	24.87 -0.04 -26.09	27.76 0.44 -14.79	40.26 1.03 -9.37	38.13 1.14 -3.23	68.67 1.92 -9.44	51.71 1.52 0.00	37.09 1.13 0.00	32.31 0.82 -8.08	34.94 0.24 -28.44
SENECA OSWGO___HYD 24041	43.53 -1.46 0.00	41.25 -1.25 0.00	31.31 -0.99 0.00	30.53 -0.92 0.00	29.95 -0.93 0.00	35.36 -1.04 0.00	46.71 -1.32 0.00	36.67 -1.15 0.00	31.54 -1.13 0.00	8.94 -0.34 0.00	-12.23 0.44 0.00	-7.17 0.29 0.00	10.76 -0.38 0.00	-10.86 0.39 0.00	-5.44 0.19 0.00	-1.84 0.04 0.71	12.16 -0.37 0.00	28.99 -0.87 0.00	32.88 -0.95 -0.08	55.75 -1.55 0.00	48.83 -1.36 0.00	35.01 -0.96 0.00	22.72 -0.68 0.00	6.06 -0.20 0.00
SENECA___115KV_TB3 355854	41.84 -3.14 0.00	40.53 -1.97 0.00	30.35 -1.95 0.00	29.72 -1.74 0.00	28.90 -1.98 0.00	34.59 -1.81 0.00	45.09 -2.93 0.00	35.11 -2.46 0.25	30.52 -2.15 0.00	8.96 -0.58 -0.26	-10.74 0.43 -1.50	1.19 0.45 -8.20	11.26 -0.34 -0.46	-10.21 0.37 -0.67	-5.10 0.16 -0.37	-0.67 0.01 -0.49	9.34 -0.31 2.88	20.74 -1.01 8.11	20.20 -1.62 11.94	34.58 -3.50 19.22	25.15 -3.20 21.84	20.56 -2.09 13.32	16.75 -1.51 5.14	6.28 -0.48 -0.51
SENECA___ENERGY 23797	43.94 -1.04 0.00	41.73 -0.77 0.00	31.57 -0.73 0.00	30.87 -0.59 0.00	30.25 -0.63 0.00	35.87 -0.53 0.00	47.23 -0.80 0.00	36.78 -0.97 0.08	31.54 -1.13 0.00	9.15 -0.35 -0.23	-10.93 0.42 -1.32	0.47 0.34 -7.59	11.89 -0.33 -1.07	-9.96 0.39 -0.91	-4.64 0.18 -0.82	-0.26 0.03 -0.88	14.12 -0.23 -1.82	32.12 -0.58 -2.85	36.41 -0.62 -3.29	58.93 -1.12 -2.74	49.65 -0.98 -0.45	38.78 -0.65 -3.47	24.41 -0.50 -1.51	6.54 -0.17 -0.46
SHOEMAKER___GT 23640	46.74 1.76 0.00	44.48 1.98 0.00	33.86 1.57 0.00	32.96 1.51 0.00	32.47 1.59 0.00	38.06 1.66 0.00	50.17 2.14 0.00	39.56 1.74 0.00	34.43 1.76 0.00	21.91 0.52 -12.11	56.87 -0.63 -70.18	375.72 -0.38 -383.56	33.07 0.56 -21.36	19.21 -0.62 -31.08	11.21 -0.33 -17.18	21.59 -0.06 -22.82	26.29 0.82 -12.94	40.01 1.95 -8.20	38.68 2.13 -2.79	69.24 3.67 -8.26	53.06 2.88 0.00	37.99 2.03 0.00	31.88 1.40 -7.07	31.51 0.37 -24.89
SHOEMAKR_138KV_BK 111 55601	46.72 1.73 0.00	44.47 1.97 0.00	33.85 1.56 0.00	32.96 1.50 0.00	32.46 1.58 0.00	38.05 1.65 0.00	50.15 2.13 0.00	39.55 1.73 0.00	34.45 1.77 0.00	21.87 0.52 -12.08	56.65 -0.65 -69.98	374.61 -0.40 -382.48	33.04 0.59 -21.31	19.13 -0.61 -30.99	11.17 -0.33 -17.13	21.52 -0.06 -22.76	26.26 0.83 -12.90	40.02 1.98 -8.17	38.67 2.14 -2.78	69.21 3.67 -8.24	53.04 2.86 0.00	37.99 2.03 0.00	31.84 1.39 -7.06	31.44 0.37 -24.82
SHOREHAM_IC_1 23715	55.38 2.70 -7.70	47.02 2.88 -1.65	42.10 2.24 -7.56	38.72 2.12 -5.14	54.84 2.28 -21.68	54.85 2.36 -16.09	52.59 2.85 -1.72	55.40 2.72 -14.85	40.24 2.74 -4.83	23.79 0.73 -13.78	59.82 -0.71 -73.21	117.09 -0.18 -124.73	47.01 0.76 -35.10	20.90 -0.85 -33.00	25.49 -0.48 -31.61	23.40 -0.09 -24.66	46.11 1.13 -32.45	59.16 2.74 -26.55	71.70 2.93 -35.01	92.50 4.95 -30.23	107.81 4.13 -53.50	81.67 3.12 -42.59	61.64 2.16 -36.08	50.79 0.54 -44.00
SHOREHAM_IC_2 23716	55.38 2.70 -7.70	47.02 2.88 -1.65	42.10 2.24 -7.56	38.72 2.12 -5.14	54.84 2.28 -21.68	54.85 2.36 -16.09	52.59 2.85 -1.72	55.40 2.72 -14.85	40.24 2.74 -4.83	23.79 0.73 -13.78	59.82 -0.71 -73.21	117.09 -0.18 -124.73	47.01 0.76 -35.10	20.90 -0.85 -33.00	25.49 -0.48 -31.61	23.40 -0.09 -24.66	46.11 1.13 -32.45	59.16 2.74 -26.55	71.70 2.93 -35.01	92.50 4.95 -30.23	107.81 4.13 -53.50	81.67 3.12 -42.59	61.64 2.16 -36.08	50.79 0.54 -44.00
SISSONVILLE____ 23735	43.83 -1.15 0.00	41.33 -1.17 0.00	31.35 -0.95 0.00	30.47 -0.99 0.00	29.83 -1.05 0.00	35.30 -1.10 0.00	46.48 -1.54 0.00	36.82 -1.00 0.00	31.64 -1.04 0.00	8.94 -0.34 0.00	-12.11 0.56 0.00	-7.20 0.27 0.00	10.57 -0.58 0.00	-10.62 0.63 0.00	-5.30 0.34 0.00	-7.03 0.08 5.94	11.63 -0.90 0.00	27.84 -2.02 0.00	31.67 -2.09 0.00	54.02 -3.28 0.00	48.04 -2.15 0.00	34.37 -1.60 0.00	22.26 -1.14 0.00	5.99 -0.27 0.00
SITHE_IND_GS1 24169	43.53 -1.46 0.00	41.27 -1.23 0.00	31.33 -0.97 0.00	30.54 -0.91 0.00	29.97 -0.91 0.00	35.38 -1.03 0.00	46.74 -1.28 0.00	36.72 -1.10 0.00	31.63 -1.04 0.00	8.97 -0.30 0.00	-12.28 0.39 0.00	-7.21 0.25 0.00	10.82 -0.33 0.00	-10.91 0.34 0.00	-5.47 0.17 0.00	-1.14 0.03 0.00	12.21 -0.32 0.00	29.06 -0.81 0.00	32.86 -0.95 -0.06	55.67 -1.63 0.00	48.73 -1.46 0.00	34.95 -1.02 0.00	22.71 -0.68 0.00	6.06 -0.19 0.00

SITHE_IND_GS2 24170	43.53 -1.46 0.00	41.27 -1.23 0.00	31.33 -0.97 0.00	30.54 -0.91 0.00	29.97 -0.91 0.00	35.38 -1.03 0.00	46.74 -1.28 0.00	36.72 -1.10 0.00	31.63 -1.04 0.00	8.97 -0.30 0.00	-12.28 0.39 0.00	-7.21 0.25 0.00	10.82 -0.33 0.00	-10.91 0.34 0.00	-5.47 0.17 0.00	-1.14 0.03 0.00	12.21 -0.32 0.00	29.06 -0.81 0.00	32.86 -0.95 -0.06	55.67 -1.63 0.00	48.73 -1.46 0.00	34.95 -1.02 0.00	22.71 -0.68 0.00	6.06 -0.19 0.00
SITHE_IND_GS3 24171	43.53 -1.46 0.00	41.27 -1.23 0.00	31.33 -0.97 0.00	30.54 -0.91 0.00	29.97 -0.91 0.00	35.38 -1.03 0.00	46.74 -1.28 0.00	36.72 -1.10 0.00	31.63 -1.04 0.00	8.97 -0.30 0.00	-12.28 0.39 0.00	-7.21 0.25 0.00	10.82 -0.33 0.00	-10.91 0.34 0.00	-5.47 0.17 0.00	-1.14 0.03 0.00	12.21 -0.32 0.00	29.06 -0.81 0.00	32.86 -0.95 -0.06	55.67 -1.63 0.00	48.73 -1.46 0.00	34.95 -1.02 0.00	22.71 -0.68 0.00	6.06 -0.19 0.00
SITHE_IND_GS4 24172	43.53 -1.46 0.00	41.27 -1.23 0.00	31.33 -0.97 0.00	30.54 -0.91 0.00	29.97 -0.91 0.00	35.38 -1.03 0.00	46.74 -1.28 0.00	36.72 -1.10 0.00	31.63 -1.04 0.00	8.97 -0.30 0.00	-12.28 0.39 0.00	-7.21 0.25 0.00	10.82 -0.33 0.00	-10.91 0.34 0.00	-5.47 0.17 0.00	-1.14 0.03 0.00	12.21 -0.32 0.00	29.06 -0.81 0.00	32.86 -0.95 -0.06	55.67 -1.63 0.00	48.73 -1.46 0.00	34.95 -1.02 0.00	22.71 -0.68 0.00	6.06 -0.19 0.00
SITHE___BATAVIA 24024	42.95 -2.04 0.00	41.45 -1.05 0.00	31.12 -1.17 0.00	30.41 -1.04 0.00	29.66 -1.23 0.00	35.42 -0.99 0.00	46.32 -1.70 0.00	36.01 -1.63 0.18	30.88 -1.79 0.00	9.00 -0.50 -0.22	-10.98 0.39 -1.30	0.02 0.39 -7.10	11.22 -0.32 -0.40	-10.36 0.31 -0.58	-5.18 0.13 -0.32	-0.74 0.01 -0.42	11.62 -0.21 0.70	25.82 -0.57 3.48	27.30 -0.73 5.72	45.19 -1.81 10.30	35.85 -1.59 12.75	28.37 -1.06 6.54	20.02 -0.91 2.47	6.39 -0.31 -0.45
SITHE___INDEPEND 23800	43.53 -1.45 0.00	41.26 -1.24 0.00	31.33 -0.97 0.00	30.54 -0.91 0.00	29.97 -0.91 0.00	35.38 -1.03 0.00	46.74 -1.28 0.00	36.72 -1.10 0.00	31.63 -1.04 0.00	8.97 -0.30 0.00	-12.28 0.39 0.00	-7.21 0.25 0.00	10.81 -0.34 0.00	-10.92 0.33 0.00	-5.47 0.16 0.00	-1.14 0.03 0.00	12.21 -0.32 0.00	29.05 -0.81 0.00	32.86 -0.95 -0.06	55.66 -1.65 0.00	48.74 -1.45 0.00	34.94 -1.02 0.00	22.72 -0.68 0.00	6.06 -0.20 0.00
SITHE___MASSENA 23902	44.89 -0.10 0.00	42.31 -0.19 0.00	32.08 -0.22 0.00	31.18 -0.28 0.00	30.55 -0.33 0.00	36.14 -0.26 0.00	47.59 -0.44 0.00	37.71 -0.12 0.00	32.50 -0.17 0.00	9.21 -0.06 0.00	-12.52 0.15 0.00	-7.42 0.04 0.00	10.96 -0.18 0.00	-11.02 0.23 0.00	-5.51 0.13 0.00	-3.72 0.03 2.58	12.15 -0.38 0.00	29.02 -0.84 0.00	32.86 -0.89 0.00	55.80 -1.51 0.00	49.36 -0.83 0.00	35.37 -0.60 0.00	22.95 -0.45 0.00	6.15 -0.10 0.00
SITHE___OGDNSBRG 24021	45.17 0.19 0.00	42.57 0.07 0.00	32.25 -0.05 0.00	31.36 -0.10 0.00	30.71 -0.17 0.00	36.36 -0.05 0.00	47.86 -0.16 0.00	37.82 -0.01 0.00	32.40 -0.27 0.00	9.14 -0.14 0.00	-12.38 0.29 0.00	-7.34 0.12 0.00	10.83 -0.32 0.00	-10.88 0.37 0.00	-5.44 0.20 0.00	-5.76 0.05 4.64	11.95 -0.58 0.00	28.56 -1.30 0.00	32.40 -1.35 0.00	55.43 -1.88 0.00	49.55 -0.64 0.00	35.48 -0.49 0.00	22.99 -0.41 0.00	6.16 -0.09 0.00
SITHE___STERLING 23777	45.62 0.64 0.00	43.19 0.69 0.00	32.79 0.49 0.00	31.99 0.54 0.00	31.37 0.49 0.00	37.03 0.63 0.00	48.88 0.86 0.00	38.30 0.48 0.00	32.69 0.02 0.00	9.23 -0.04 0.00	-12.62 0.06 0.00	-7.42 0.04 0.00	11.10 -0.05 0.00	-11.17 0.07 0.00	-5.58 0.05 0.00	2.41 0.01 -3.57	12.59 0.06 0.00	30.03 0.16 0.00	34.40 0.59 -0.06	58.56 1.26 0.00	51.45 1.26 0.00	36.76 0.79 0.00	23.81 0.41 0.00	6.34 0.08 0.00
SLEIGHT__34_KV_TB1 80719	43.59 -1.39 0.00	41.51 -0.99 0.00	31.37 -0.93 0.00	30.62 -0.83 0.00	30.01 -0.88 0.00	35.60 -0.80 0.00	46.83 -1.19 0.00	36.56 -1.17 0.09	31.39 -1.28 0.00	9.10 -0.38 -0.20	-11.08 0.42 -1.17	-0.40 0.30 -6.76	11.79 -0.36 -1.00	-10.12 0.31 -0.82	-4.73 0.15 -0.75	-0.34 0.02 -0.81	13.22 -0.24 -0.92	29.89 -0.62 -0.65	33.26 -0.69 -0.20	54.44 -1.44 1.42	45.48 -1.29 3.42	35.02 -0.94 0.00	22.80 -0.72 -0.12	6.43 -0.23 -0.41
SOUTH CAIRO___GT 23612	47.38 2.39 0.00	44.89 2.39 0.00	34.24 1.95 0.00	33.34 1.89 0.00	32.80 1.92 0.00	38.61 2.20 0.00	50.90 2.87 0.00	40.00 2.18 0.00	34.67 2.00 0.00	23.37 0.56 -13.53	65.10 -0.64 -78.41	420.80 -0.30 -428.56	35.55 0.53 -23.87	22.84 -0.63 -34.72	13.26 -0.29 -19.19	24.27 -0.06 -25.50	27.62 0.63 -14.45	40.61 1.59 -9.16	39.04 2.13 -3.16	70.58 4.04 -9.23	53.75 3.56 0.00	38.51 2.54 0.00	32.96 1.65 -7.90	34.52 0.46 -27.81
SOUTH HAMPTN___IC 23720	56.07 3.40 -7.69	47.47 3.32 -1.65	42.13 2.28 -7.55	38.61 2.03 -5.13	54.71 2.17 -21.65	54.77 2.29 -16.07	52.61 2.87 -1.72	55.30 2.65 -14.84	40.11 2.62 -4.82	23.75 0.69 -13.78	59.90 -0.63 -73.21	116.96 -0.09 -124.52	46.90 0.67 -35.09	20.96 -0.78 -33.00	25.47 -0.48 -31.59	23.40 -0.09 -24.66	46.05 1.09 -32.43	59.21 2.81 -26.53	71.72 3.00 -34.97	92.45 4.94 -30.21	108.02 4.40 -53.43	82.16 3.66 -42.54	61.93 2.48 -36.05	50.77 0.53 -43.98
SOUTHDOW__115KV_TB1 355954	43.24 -1.75 0.00	41.76 -0.74 0.00	31.16 -1.14 0.00	30.57 -0.88 0.00	29.83 -1.05 0.00	35.71 -0.69 0.00	46.64 -1.39 0.00	36.07 -1.47 0.28	31.28 -1.40 0.00	9.07 -0.48 -0.28	-10.72 0.36 -1.59	1.56 0.32 -8.70	11.44 -0.19 -0.48	-10.30 0.24 -0.71	-5.10 0.14 -0.39	-0.64 0.01 -0.52	11.39 -0.30 0.84	25.20 -0.80 3.86	26.29 -1.14 6.32	42.36 -2.07 12.87	31.35 -1.82 17.02	27.75 -1.04 7.17	19.70 -1.01 2.70	6.37 -0.42 -0.54
SOUTHOLD_69_KV_BK 2 55809	56.50 3.84 -7.69	47.69 3.55 -1.65	42.00 2.16 -7.55	38.38 1.79 -5.13	54.46 1.93 -21.65	54.52 2.04 -16.08	52.34 2.60 -1.72	55.08 2.42 -14.84	39.89 2.40 -4.82	23.68 0.63 -13.78	59.99 -0.54 -73.21	117.15 0.08 -124.52	46.67 0.44 -35.09	21.06 -0.68 -33.00	25.50 -0.46 -31.59	23.41 -0.08 -24.66	45.97 1.01 -32.43	59.16 2.76 -26.54	71.64 2.91 -34.97	92.19 4.67 -30.21	108.02 4.40 -53.44	82.52 4.01 -42.54	62.13 2.69 -36.05	50.74 0.51 -43.98
SOUTHOLD___IC 23719	56.51 3.84 -7.69	47.69 3.55 -1.65	42.01 2.16 -7.55	38.38 1.79 -5.13	54.47 1.93 -21.65	54.52 2.04 -16.08	52.35 2.61 -1.72	55.08 2.42 -14.84	39.89 2.40 -4.82	23.68 0.63 -13.78	60.01 -0.53 -73.21	117.19 0.13 -124.52	46.65 0.42 -35.09	21.04 -0.71 -33.00	25.48 -0.47 -31.59	23.41 -0.08 -24.66	45.97 1.01 -32.43	59.15 2.75 -26.54	71.63 2.91 -34.97	92.19 4.68 -30.21	108.04 4.42 -53.44	82.51 4.00 -42.54	62.16 2.71 -36.05	50.74 0.51 -43.98
SOUTH_FORK_WT_PWR 323839	56.61 3.94 -7.69	47.62 3.47 -1.65	41.72 1.88 -7.55	37.95 1.36 -5.13	54.06 1.52 -21.65	54.05 1.58 -16.07	51.83 2.09 -1.72	54.64 1.98 -14.84	39.49 2.00 -4.82	23.56 0.50 -13.78	60.19 -0.34 -73.21	117.21 0.16 -124.52	46.61 0.38 -35.09	21.20 -0.55 -33.00	25.53 -0.43 -31.59	23.42 -0.08 -24.66	45.82 0.86 -32.43	58.89 2.49 -26.53	71.33 2.61 -34.97	91.54 4.02 -30.21	107.73 4.11 -53.44	82.55 4.05 -42.54	62.19 2.74 -36.05	50.68 0.44 -43.98

SPIERFLS_115KV_TB 1 80737	47.56 2.58 0.00	44.99 2.50 0.00	34.30 2.01 0.00	33.48 2.03 0.00	32.92 2.04 0.00	38.76 2.36 0.00	51.11 3.08 0.00	40.13 2.31 0.00	34.73 2.06 0.00	24.01 0.59 -14.14	68.45 -0.85 -81.96	440.05 -0.47 -447.98	36.79 0.69 -24.96	24.32 -0.72 -36.30	14.09 -0.34 -20.06	25.42 -0.06 -26.66	28.30 0.66 -15.11	41.16 1.73 -9.57	39.22 2.14 -3.33	70.72 3.76 -9.65	53.52 3.33 0.00	38.52 2.55 0.00	33.29 1.63 -8.26	35.76 0.44 -29.07
ST LAWRENCE____ 23600	44.71 -0.28 0.00	42.09 -0.41 0.00	31.93 -0.37 0.00	31.03 -0.42 0.00	30.42 -0.46 0.00	35.97 -0.43 0.00	47.43 -0.59 0.00	37.52 -0.30 0.00	32.38 -0.29 0.00	9.19 -0.09 0.00	-12.50 0.17 0.00	-7.40 0.06 0.00	10.95 -0.20 0.00	-11.02 0.23 0.00	-5.51 0.12 0.00	-2.80 0.03 1.66	12.16 -0.37 0.00	29.06 -0.80 0.00	32.86 -0.90 0.00	55.78 -1.53 0.00	49.17 -1.02 0.00	35.24 -0.73 0.00	22.87 -0.53 0.00	6.13 -0.12 0.00
STATE_CA_115KV_115_LB 55624	45.97 0.99 0.00	43.60 1.11 0.00	33.28 0.99 0.00	32.41 0.95 0.00	31.87 0.99 0.00	37.45 1.05 0.00	49.34 1.31 0.00	38.88 1.06 0.00	33.72 1.05 0.00	23.56 0.33 -13.96	67.79 -0.42 -80.89	434.38 -0.25 -442.10	36.20 0.43 -24.63	24.15 -0.42 -35.82	13.95 -0.21 -19.80	25.09 -0.05 -26.31	27.91 0.46 -14.91	40.41 1.10 -9.45	38.28 1.26 -3.27	68.88 2.05 -9.52	51.82 1.64 0.00	37.20 1.23 0.00	32.45 0.89 -8.15	35.22 0.28 -28.69
STATE_ST_34_KV_LOAD 55959	44.65 -0.33 0.00	42.28 -0.22 0.00	32.02 -0.28 0.00	31.29 -0.17 0.00	30.76 -0.12 0.00	36.45 0.04 0.00	48.05 0.02 0.00	37.49 -0.28 0.04	32.10 -0.58 0.00	9.31 -0.19 -0.23	-11.09 0.23 -1.35	0.07 0.18 -7.35	11.36 -0.19 -0.41	-10.43 0.22 -0.60	-5.22 0.08 -0.33	-0.72 0.01 -0.44	13.21 -0.04 -0.72	31.17 -0.09 -1.40	35.57 -0.03 -1.85	59.06 -0.14 -1.91	50.53 0.04 -0.30	37.98 0.00 -2.01	24.25 -0.08 -0.93	6.67 -0.05 -0.48
STATION 5_MISC_HYD 23604	43.52 -1.46 0.00	41.63 -0.86 0.00	31.40 -0.89 0.00	30.65 -0.80 0.00	29.97 -0.91 0.00	35.61 -0.79 0.00	46.73 -1.29 0.00	36.51 -1.20 0.12	31.51 -1.16 0.00	9.15 -0.32 -0.20	-11.23 0.28 -1.16	-0.29 0.24 -6.93	12.31 -0.20 -1.37	-10.05 0.20 -1.00	-4.52 0.09 -1.03	-0.11 0.01 -1.05	13.77 -0.10 -1.34	30.47 -0.34 -0.95	33.38 -0.64 -0.27	53.72 -1.53 2.06	44.07 -1.47 4.64	34.96 -1.01 0.00	22.74 -0.78 -0.12	6.41 -0.25 -0.41
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	43.79 -1.19 0.00	41.76 -0.74 0.00	31.54 -0.75 0.00	30.82 -0.63 0.00	30.16 -0.72 0.00	35.80 -0.60 0.00	47.09 -0.94 0.00	36.72 -0.99 0.11	31.59 -1.08 0.00	9.16 -0.32 -0.20	-11.15 0.34 -1.18	-0.23 0.27 -6.97	12.11 -0.27 -1.24	-10.07 0.24 -0.94	-4.59 0.11 -0.93	-0.18 0.02 -0.97	13.59 -0.14 -1.20	30.28 -0.43 -0.85	33.44 -0.56 -0.25	54.27 -1.21 1.83	44.97 -1.13 4.08	35.18 -0.78 0.00	22.90 -0.62 -0.12	6.46 -0.21 -0.41
STA_56_34_KV_BUS2_REV_LBMP_B 345033	43.33 -1.66 0.00	41.42 -1.08 0.00	31.26 -1.04 0.00	30.51 -0.95 0.00	29.84 -1.05 0.00	35.44 -0.97 0.00	46.55 -1.48 0.00	36.37 -1.34 0.11	31.38 -1.29 0.00	9.11 -0.36 -0.20	-11.16 0.36 -1.15	-0.35 0.27 -6.85	12.15 -0.29 -1.30	-10.06 0.23 -0.96	-4.55 0.11 -0.97	-0.15 0.01 -1.00	13.62 -0.17 -1.26	30.22 -0.54 -0.89	33.19 -0.82 -0.25	53.52 -1.80 1.98	44.02 -1.71 4.46	34.79 -1.18 0.00	22.63 -0.89 -0.12	6.37 -0.28 -0.40
STA_56____34_KV_BUS2 355983	43.33 -1.66 0.00	41.42 -1.08 0.00	31.26 -1.04 0.00	30.51 -0.95 0.00	29.84 -1.05 0.00	35.44 -0.97 0.00	46.55 -1.48 0.00	36.37 -1.34 0.11	31.38 -1.29 0.00	9.11 -0.36 -0.20	-11.16 0.36 -1.15	-0.35 0.27 -6.85	12.15 -0.29 -1.30	-10.06 0.23 -0.96	-4.55 0.11 -0.97	-0.15 0.01 -1.00	13.62 -0.17 -1.26	30.22 -0.54 -0.89	33.19 -0.82 -0.25	53.52 -1.80 1.98	44.02 -1.71 4.46	34.79 -1.18 0.00	22.63 -0.89 -0.12	6.37 -0.28 -0.40
STA_67____115KV_BK2 355882	43.45 -1.54 0.00	41.57 -0.93 0.00	31.36 -0.94 0.00	30.61 -0.84 0.00	29.93 -0.95 0.00	35.55 -0.85 0.00	46.66 -1.37 0.00	36.46 -1.24 0.12	31.46 -1.22 0.00	9.14 -0.33 -0.20	-11.20 0.31 -1.16	-0.29 0.25 -6.92	12.27 -0.25 -1.36	-10.07 0.18 -1.00	-4.53 0.08 -1.02	-0.11 0.01 -1.05	13.74 -0.13 -1.34	30.37 -0.44 -0.95	33.30 -0.72 -0.27	53.58 -1.67 2.06	43.97 -1.58 4.64	34.87 -1.10 0.00	22.68 -0.83 -0.12	6.39 -0.27 -0.41
STA_7____115KV_9TRANS 80674	43.68 -1.30 0.00	41.78 -0.72 0.00	31.51 -0.78 0.00	30.76 -0.69 0.00	30.08 -0.81 0.00	35.74 -0.67 0.00	46.89 -1.14 0.00	36.64 -1.07 0.12	31.61 -1.06 0.00	9.18 -0.29 -0.20	-11.26 0.25 -1.16	-0.33 0.21 -6.92	12.31 -0.19 -1.36	-10.13 0.12 -0.99	-4.56 0.06 -1.02	-0.12 0.00 -1.05	13.81 -0.06 -1.33	30.58 -0.23 -0.95	33.53 -0.49 -0.27	53.97 -1.27 2.06	44.31 -1.24 4.64	35.11 -0.85 0.00	22.83 -0.69 -0.12	6.43 -0.23 -0.41
STA_82____115KV_TB1 80780	43.40 -1.58 0.00	41.53 -0.97 0.00	31.33 -0.96 0.00	30.58 -0.87 0.00	29.90 -0.98 0.00	35.52 -0.89 0.00	46.61 -1.41 0.00	36.43 -1.27 0.12	31.43 -1.24 0.00	9.13 -0.34 -0.20	-11.18 0.32 -1.17	-0.24 0.26 -6.97	12.29 -0.26 -1.40	-10.04 0.20 -1.02	-4.49 0.09 -1.05	-0.08 0.01 -1.08	13.77 -0.14 -1.38	30.36 -0.48 -0.98	33.27 -0.76 -0.28	53.52 -1.73 2.06	43.89 -1.64 4.66	34.83 -1.13 0.00	22.66 -0.85 -0.12	6.39 -0.28 -0.41
STEEL____WIND 323596	41.80 -3.19 0.00	40.48 -2.02 0.00	30.31 -1.99 0.00	29.69 -1.77 0.00	28.85 -2.03 0.00	34.55 -1.86 0.00	45.04 -2.98 0.00	35.08 -2.49 0.25	30.48 -2.19 0.00	8.94 -0.59 -0.26	-10.72 0.45 -1.50	1.20 0.46 -8.20	11.24 -0.36 -0.46	-10.20 0.38 -0.67	-5.10 0.17 -0.37	-0.67 0.02 -0.49	9.31 -0.33 2.88	20.70 -1.05 8.11	20.14 -1.67 11.94	34.50 -3.58 19.22	25.07 -3.27 21.84	20.52 -2.14 13.32	16.71 -1.55 5.14	6.26 -0.50 -0.51
STEPHTWN_115KV_BK_2 55603	46.14 1.16 0.00	43.79 1.29 0.00	33.43 1.14 0.00	32.55 1.10 0.00	32.02 1.15 0.00	37.63 1.23 0.00	49.59 1.57 0.00	39.09 1.27 0.00	33.92 1.25 0.00	23.54 0.38 -13.88	67.25 -0.51 -80.43	431.83 -0.29 -439.59	36.12 0.49 -24.49	23.89 -0.47 -35.62	13.81 -0.24 -19.68	24.94 -0.05 -26.16	27.88 0.52 -14.83	40.50 1.25 -9.39	38.46 1.46 -3.25	69.19 2.42 -9.47	52.12 1.93 0.00	37.39 1.43 0.00	32.52 1.01 -8.11	35.09 0.31 -28.52
STEBEN_REC_LFGE 323667	43.18 -1.81 0.00	41.41 -1.09 0.00	30.96 -1.34 0.00	30.42 -1.04 0.00	29.73 -1.15 0.00	35.51 -0.89 0.00	46.28 -1.74 0.00	35.46 -1.97 0.39	30.66 -2.01 0.00	9.03 -0.59 -0.35	-9.80 0.76 -2.12	8.40 0.71 -15.15	17.14 -0.86 -6.86	-6.70 0.65 -3.90	-0.18 0.39 -5.06	3.74 0.07 -4.84	26.33 -0.85 -14.64	52.27 -1.99 -24.39	60.26 -2.33 -28.84	81.32 -3.41 -27.43	63.21 -2.70 -15.72	65.06 -1.73 -30.83	34.71 -1.14 -12.45	6.50 -0.45 -0.70
STILLWATER____SOLAR 323814	47.09 2.11 0.00	44.66 2.16 0.00	33.99 1.69 0.00	33.14 1.69 0.00	32.58 1.70 0.00	38.33 1.92 0.00	50.54 2.52 0.00	39.72 1.90 0.00	34.36 1.69 0.00	23.87 0.48 -14.11	68.41 -0.70 -81.78	439.14 -0.39 -447.00	36.62 0.57 -24.90	24.36 -0.60 -36.22	14.08 -0.30 -20.02	25.37 -0.06 -26.60	28.21 0.60 -15.08	40.94 1.53 -9.55	38.94 1.87 -3.32	70.27 3.34 -9.63	53.07 2.88 0.00	38.06 2.10 0.00	33.04 1.40 -8.24	35.63 0.38 -29.00

STONY___BROOK 24151	55.48 2.79 -7.71	47.14 3.00 -1.65	42.22 2.35 -7.58	38.90 2.29 -5.15	55.02 2.41 -21.73	55.08 2.55 -16.13	52.95 3.20 -1.72	55.54 2.83 -14.89	40.35 2.84 -4.84	23.83 0.77 -13.78	59.76 -0.77 -73.21	117.44 -0.23 -125.13	47.11 0.83 -35.13	20.86 -0.89 -33.00	25.51 -0.49 -31.64	23.40 -0.09 -24.67	46.20 1.18 -32.49	59.30 2.84 -26.60	71.87 3.03 -35.08	92.72 5.13 -30.29	108.00 4.20 -53.62	81.74 3.09 -42.68	61.67 2.12 -36.15	50.84 0.54 -44.04
STURGEON_POOL_HYD 23609	47.04 2.05 0.00	44.75 2.25 0.00	34.07 1.77 0.00	33.16 1.70 0.00	32.66 1.78 0.00	38.28 1.88 0.00	50.47 2.45 0.00	39.84 2.02 0.00	34.73 2.05 0.00	22.52 0.62 -12.63	59.74 -0.79 -73.21	392.14 -0.50 -400.11	34.15 0.71 -22.29	20.45 -0.72 -32.42	11.91 -0.38 -17.92	22.56 -0.08 -23.81	26.98 0.96 -13.49	40.71 2.29 -8.55	39.18 2.49 -2.93	70.12 4.20 -8.61	53.45 3.26 0.00	38.25 2.29 0.00	32.33 1.55 -7.38	32.62 0.40 -25.96
ST_LAW_115_BK7_LBMP 345037	44.66 -0.32 0.00	42.04 -0.45 0.00	31.88 -0.41 0.00	30.98 -0.47 0.00	30.38 -0.50 0.00	35.93 -0.48 0.00	47.35 -0.67 0.00	37.47 -0.35 0.00	32.34 -0.34 0.00	9.18 -0.10 0.00	-12.48 0.19 0.00	-7.40 0.07 0.00	10.93 -0.22 0.00	-11.00 0.25 0.00	-5.50 0.14 0.00	-3.02 0.04 1.88	12.13 -0.40 0.00	28.97 -0.89 0.00	32.77 -0.98 0.00	55.65 -1.65 0.00	49.08 -1.11 0.00	35.17 -0.79 0.00	22.83 -0.57 0.00	6.12 -0.13 0.00
ST_LAW_115_BK8_LBMP 345038	44.66 -0.32 0.00	42.04 -0.45 0.00	31.88 -0.41 0.00	30.98 -0.47 0.00	30.38 -0.50 0.00	35.93 -0.48 0.00	47.35 -0.67 0.00	37.47 -0.35 0.00	32.34 -0.34 0.00	9.18 -0.10 0.00	-12.48 0.19 0.00	-7.40 0.07 0.00	10.93 -0.22 0.00	-11.00 0.25 0.00	-5.50 0.14 0.00	-3.02 0.04 1.88	12.13 -0.40 0.00	28.97 -0.89 0.00	32.77 -0.98 0.00	55.65 -1.65 0.00	49.08 -1.11 0.00	35.17 -0.79 0.00	22.83 -0.57 0.00	6.12 -0.13 0.00
ST_LAW_230_BK5_LBMP 345035	44.71 -0.28 0.00	42.09 -0.41 0.00	31.93 -0.37 0.00	31.03 -0.42 0.00	30.42 -0.46 0.00	35.97 -0.43 0.00	47.43 -0.59 0.00	37.52 -0.30 0.00	32.38 -0.29 0.00	9.19 -0.09 0.00	-12.50 0.17 0.00	-7.40 0.06 0.00	10.95 -0.20 0.00	-11.02 0.23 0.00	-5.51 0.12 0.00	-2.61 0.03 1.47	12.16 -0.37 0.00	29.06 -0.80 0.00	32.86 -0.90 0.00	55.78 -1.53 0.00	49.17 -1.02 0.00	35.24 -0.73 0.00	22.87 -0.53 0.00	6.13 -0.12 0.00
ST_LAW_230_BK6_LBMP 345036	44.71 -0.28 0.00	42.09 -0.41 0.00	31.93 -0.37 0.00	31.03 -0.42 0.00	30.42 -0.46 0.00	35.97 -0.43 0.00	47.43 -0.59 0.00	37.52 -0.30 0.00	32.38 -0.29 0.00	9.19 -0.09 0.00	-12.50 0.17 0.00	-7.40 0.06 0.00	10.95 -0.20 0.00	-11.02 0.23 0.00	-5.51 0.12 0.00	-2.61 0.03 1.47	12.16 -0.37 0.00	29.06 -0.80 0.00	32.86 -0.90 0.00	55.78 -1.53 0.00	49.17 -1.02 0.00	35.24 -0.73 0.00	22.87 -0.53 0.00	6.13 -0.12 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	46.83 1.85 0.00	44.59 2.09 0.00	33.95 1.65 0.00	33.03 1.58 0.00	32.56 1.67 0.00	38.15 1.75 0.00	50.31 2.29 0.00	39.68 1.86 0.00	34.60 1.93 0.00	22.07 0.58 -12.22	57.44 -0.73 -70.84	379.26 -0.45 -387.18	33.37 0.66 -21.57	19.45 -0.67 -31.37	11.35 -0.36 -17.34	21.80 -0.07 -23.04	26.51 0.92 -13.06	40.32 2.19 -8.27	38.90 2.32 -2.82	69.59 3.95 -8.34	53.23 3.04 0.00	38.12 2.15 0.00	32.02 1.48 -7.14	31.77 0.39 -25.12
SWANROAD_115KV_TB1 355699	40.75 -4.24 0.00	39.53 -2.96 0.00	29.65 -2.65 0.00	28.96 -2.49 0.00	28.18 -2.70 0.00	33.73 -2.68 0.00	43.88 -4.14 0.00	34.36 -3.24 0.22	29.84 -2.83 0.00	8.78 -0.74 -0.24	-10.70 0.57 -1.40	0.68 0.49 -7.66	11.01 -0.56 -0.43	-10.26 0.37 -0.62	-5.12 0.17 -0.34	-0.70 0.02 -0.46	10.00 -0.42 2.11	22.44 -1.37 6.05	22.78 -2.03 8.94	37.97 -4.51 14.83	28.87 -4.06 17.25	23.24 -2.75 9.98	17.55 -2.02 3.83	6.11 -0.62 -0.47
SYNERGY___BIOGAS 323694	42.95 -2.03 0.00	41.44 -1.06 0.00	31.12 -1.17 0.00	30.42 -1.04 0.00	29.65 -1.23 0.00	35.42 -0.99 0.00	46.31 -1.71 0.00	36.02 -1.63 0.18	30.88 -1.80 0.00	9.00 -0.50 -0.22	-10.96 0.41 -1.30	0.00 0.36 -7.10	11.16 -0.38 -0.40	-10.42 0.25 -0.58	-5.20 0.11 -0.32	-0.74 0.01 -0.42	11.62 -0.21 0.70	25.76 -0.62 3.48	27.27 -0.76 5.72	45.15 -1.85 10.30	35.84 -1.60 12.75	28.35 -1.08 6.54	20.01 -0.92 2.47	6.37 -0.33 -0.45
SYRACUSE___ENERGY_ST1 323597	44.40 -0.58 0.00	42.09 -0.41 0.00	31.92 -0.37 0.00	31.15 -0.30 0.00	30.57 -0.31 0.00	36.13 -0.27 0.00	47.70 -0.33 0.00	37.37 -0.45 0.00	32.08 -0.59 0.00	9.27 -0.18 -0.18	-11.41 0.22 -1.04	-1.62 0.17 -5.67	11.27 -0.19 -0.32	-10.60 0.19 -0.46	-5.29 0.09 -0.25	-0.82 0.02 -0.34	12.63 -0.09 -0.19	29.75 -0.24 -0.12	33.60 -0.25 -0.10	57.05 -0.37 -0.12	49.89 -0.30 0.00	35.74 -0.22 0.00	23.30 -0.20 -0.10	6.55 -0.08 -0.37
SYRACUSE___ENERGY_ST2 323598	44.40 -0.58 0.00	42.09 -0.41 0.00	31.92 -0.37 0.00	31.15 -0.30 0.00	30.57 -0.31 0.00	36.13 -0.27 0.00	47.70 -0.33 0.00	37.37 -0.45 0.00	32.08 -0.59 0.00	9.27 -0.18 -0.18	-11.41 0.22 -1.04	-1.62 0.17 -5.67	11.27 -0.19 -0.32	-10.60 0.19 -0.46	-5.29 0.09 -0.25	-0.82 0.02 -0.34	12.63 -0.09 -0.19	29.75 -0.24 -0.12	33.60 -0.25 -0.10	57.05 -0.37 -0.12	49.89 -0.30 0.00	35.74 -0.22 0.00	23.30 -0.20 -0.10	6.55 -0.08 -0.37
SYRACUSE___POWER 24017	44.42 -0.56 0.00	42.11 -0.39 0.00	31.94 -0.36 0.00	31.16 -0.29 0.00	30.57 -0.31 0.00	36.12 -0.28 0.00	47.69 -0.33 0.00	37.37 -0.45 0.00	32.09 -0.58 0.00	9.28 -0.18 -0.19	-11.37 0.21 -1.08	-1.37 0.16 -5.93	11.29 -0.18 -0.33	-10.59 0.17 -0.48	-5.28 0.08 -0.27	-0.81 0.02 -0.35	12.65 -0.08 -0.20	29.76 -0.24 -0.13	33.61 -0.24 -0.10	57.28 -0.32 -0.30	49.91 -0.27 0.00	35.77 -0.20 0.00	23.32 -0.19 -0.11	6.56 -0.07 -0.38
TALLMAN__138KV_BK151 55660	46.99 2.01 0.00	44.77 2.28 0.00	34.08 1.79 0.00	33.16 1.70 0.00	32.68 1.80 0.00	38.29 1.89 0.00	50.52 2.50 0.00	39.84 2.02 0.00	34.78 2.11 0.00	22.28 0.63 -12.37	58.21 -0.81 -71.69	383.87 -0.50 -391.83	33.68 0.70 -21.83	19.76 -0.73 -31.75	11.52 -0.39 -17.55	22.07 -0.08 -23.32	26.75 1.00 -13.22	40.63 2.40 -8.37	39.11 2.50 -2.86	69.99 4.25 -8.44	53.45 3.26 0.00	38.27 2.31 0.00	32.23 1.61 -7.23	32.10 0.43 -25.42
TEALLAVE_115KV_TB7 355573	44.21 -0.77 0.00	41.91 -0.59 0.00	31.79 -0.50 0.00	31.02 -0.44 0.00	30.42 -0.46 0.00	35.95 -0.46 0.00	47.45 -0.57 0.00	37.22 -0.61 0.00	31.99 -0.68 0.00	9.07 -0.21 0.00	-12.42 0.25 0.00	-7.29 0.18 0.00	10.94 -0.21 0.00	-11.05 0.21 0.00	-5.54 0.10 0.00	-1.15 0.02 0.00	12.40 -0.14 0.00	29.50 -0.36 0.00	33.46 -0.38 -0.08	56.68 -0.62 0.00	49.64 -0.54 0.00	35.56 -0.40 0.00	23.09 -0.32 0.00	6.15 -0.11 0.00
TELGRAPH_34_KV_EAST 80808	41.89 -3.10 0.00	40.53 -1.97 0.00	30.41 -1.89 0.00	29.73 -1.72 0.00	28.94 -1.94 0.00	34.59 -1.82 0.00	45.14 -2.88 0.00	35.24 -2.39 0.19	30.48 -2.19 0.00	8.93 -0.58 -0.23	-10.88 0.45 -1.35	0.29 0.40 -7.35	11.12 -0.43 -0.41	-10.39 0.27 -0.60	-5.18 0.12 -0.33	-0.72 0.01 -0.44	10.55 -0.27 1.71	24.02 -0.86 4.98	25.01 -1.35 7.39	41.57 -3.14 12.59	32.40 -2.84 14.94	25.80 -1.92 8.25	18.79 -1.46 3.15	6.24 -0.47 -0.46

TEMPLE___115KV_TB 2 55572	44.23 -0.76 0.00	41.93 -0.56 0.00	31.80 -0.49 0.00	31.03 -0.43 0.00	30.44 -0.44 0.00	35.96 -0.45 0.00	47.47 -0.56 0.00	37.23 -0.60 0.00	32.00 -0.67 0.00	9.08 -0.20 0.00	-12.43 0.24 0.00	-7.29 0.18 0.00	10.94 -0.20 0.00	-11.05 0.20 0.00	-5.54 0.09 0.00	-1.15 0.02 0.00	12.41 -0.12 0.00	29.53 -0.34 0.00	33.46 -0.37 -0.09	56.71 -0.59 0.00	49.66 -0.53 0.00	35.58 -0.38 0.00	23.10 -0.30 0.00	6.15 -0.10 0.00
TIANA___69_KV_BK 1 55817	55.88 3.21 -7.69	47.37 3.23 -1.65	42.16 2.32 -7.55	38.70 2.11 -5.13	54.79 2.26 -21.65	54.85 2.37 -16.08	52.70 2.96 -1.72	55.39 2.73 -14.84	40.20 2.71 -4.82	23.78 0.72 -13.78	59.85 -0.69 -73.21	116.88 -0.18 -124.52	46.96 0.73 -35.09	20.95 -0.80 -33.00	25.48 -0.48 -31.59	23.40 -0.09 -24.66	46.08 1.12 -32.43	59.23 2.83 -26.54	71.76 3.03 -34.97	92.57 5.05 -30.21	107.99 4.37 -53.44	82.03 3.52 -42.54	61.82 2.37 -36.05	50.78 0.55 -43.98
TILDEN___115KV_TB1 80814	44.42 -0.56 0.00	42.11 -0.39 0.00	31.94 -0.36 0.00	31.16 -0.29 0.00	30.57 -0.31 0.00	36.12 -0.28 0.00	47.69 -0.33 0.00	37.37 -0.45 0.00	32.09 -0.58 0.00	9.28 -0.18 -0.19	-11.37 0.21 -1.08	-1.37 0.16 -5.93	11.29 -0.18 -0.33	-10.59 0.17 -0.48	-5.28 0.08 -0.27	-0.81 0.02 -0.35	12.65 -0.08 -0.20	29.76 -0.24 -0.13	33.61 -0.24 -0.10	57.28 -0.32 -0.30	49.91 -0.27 0.00	35.77 -0.20 0.00	23.32 -0.19 -0.11	6.56 -0.07 -0.38
TRIGEN___CC 323695	60.91 2.56 -13.37	48.19 2.83 -2.86	47.65 2.22 -13.13	42.54 2.15 -8.93	70.80 2.24 -37.67	66.73 2.36 -27.96	54.03 3.01 -2.99	66.18 2.55 -25.81	43.67 2.63 -8.37	23.80 0.74 -13.78	59.69 -0.84 -73.21	187.74 -0.42 -195.63	56.15 0.83 -44.18	21.43 -0.85 -33.53	35.66 -0.47 -41.76	24.11 -0.09 -25.37	60.17 1.16 -46.48	72.45 2.72 -39.87	95.28 2.83 -58.70	108.21 4.70 -46.21	146.75 3.61 -92.95	111.68 2.63 -73.08	82.43 1.78 -57.24	62.91 0.48 -56.17
TRINITY___115KV___ 4 BK 55933	45.78 0.79 0.00	43.41 0.91 0.00	33.15 0.86 0.00	32.28 0.82 0.00	31.75 0.87 0.00	37.30 0.89 0.00	49.13 1.10 0.00	38.73 0.90 0.00	33.59 0.92 0.00	23.46 0.29 -13.89	67.46 -0.37 -80.50	432.29 -0.22 -439.98	36.04 0.39 -24.51	24.03 -0.37 -35.65	13.88 -0.19 -19.70	24.97 -0.04 -26.18	27.79 0.42 -14.84	40.24 0.98 -9.40	38.08 1.09 -3.25	68.53 1.76 -9.47	51.57 1.38 0.00	37.03 1.06 0.00	32.31 0.79 -8.11	35.06 0.25 -28.55
UNION___PROCESSING_DRP 323587	43.41 -1.57 0.00	41.53 -0.96 0.00	31.33 -0.96 0.00	30.58 -0.87 0.00	29.91 -0.97 0.00	35.54 -0.87 0.00	46.69 -1.34 0.00	36.45 -1.26 0.12	31.44 -1.24 0.00	9.13 -0.34 -0.20	-11.18 0.32 -1.17	-0.24 0.26 -6.96	12.27 -0.26 -1.38	-10.05 0.20 -1.01	-4.51 0.09 -1.03	-0.10 0.01 -1.06	13.75 -0.14 -1.36	30.35 -0.47 -0.96	33.27 -0.76 -0.27	53.52 -1.72 2.06	43.90 -1.63 4.66	34.85 -1.12 0.00	22.67 -0.85 -0.12	6.39 -0.27 -0.41
UPPER HUDSON___HYD 24058	47.56 2.58 0.00	44.99 2.49 0.00	34.30 2.01 0.00	33.48 2.03 0.00	32.92 2.03 0.00	38.76 2.36 0.00	51.11 3.08 0.00	40.13 2.31 0.00	34.74 2.06 0.00	24.01 0.59 -14.14	68.45 -0.84 -81.96	440.06 -0.46 -447.98	36.78 0.68 -24.96	24.31 -0.73 -36.30	14.08 -0.34 -20.06	25.42 -0.06 -26.66	28.30 0.66 -15.11	41.16 1.73 -9.57	39.22 2.14 -3.33	70.71 3.76 -9.65	53.52 3.33 0.00	38.52 2.55 0.00	33.29 1.63 -8.26	35.76 0.44 -29.07
UPPER RAQUET___HYD 24056	43.83 -1.15 0.00	41.33 -1.17 0.00	31.35 -0.95 0.00	30.47 -0.99 0.00	29.83 -1.05 0.00	35.30 -1.10 0.00	46.48 -1.54 0.00	36.83 -1.00 0.00	31.64 -1.04 0.00	8.94 -0.34 0.00	-12.11 0.56 0.00	-7.22 0.25 0.00	10.57 -0.58 0.00	-10.61 0.64 0.00	-5.29 0.35 0.00	-7.03 0.08 5.94	11.63 -0.90 0.00	27.84 -2.02 0.00	31.66 -2.09 0.00	54.01 -3.29 0.00	48.04 -2.14 0.00	34.36 -1.60 0.00	22.25 -1.15 0.00	5.99 -0.27 0.00
VALLEY44_115KV_TB2 355964	41.99 -2.99 0.00	40.68 -1.82 0.00	30.50 -1.79 0.00	30.05 -1.40 0.00	29.30 -1.58 0.00	34.99 -1.41 0.00	45.69 -2.33 0.00	35.26 -2.27 0.29	30.69 -1.98 0.00	8.99 -0.57 -0.28	-10.56 0.49 -1.63	1.82 0.40 -8.88	11.22 -0.42 -0.50	-10.22 0.31 -0.72	-5.09 0.15 -0.40	-0.63 0.02 -0.53	11.30 -0.27 0.95	26.02 -0.76 3.09	27.65 -1.34 4.77	43.66 -2.53 11.12	32.20 -2.33 15.65	29.10 -1.57 5.29	20.36 -1.09 1.95	6.39 -0.42 -0.56
VALLEY___115KV_TB 1-4 80826	45.89 0.90 0.00	43.56 1.06 0.00	33.20 0.90 0.00	32.34 0.89 0.00	31.78 0.90 0.00	37.41 1.01 0.00	49.29 1.27 0.00	38.78 0.96 0.00	33.24 0.57 0.00	9.34 0.06 0.00	-12.91 -0.23 0.00	-7.61 -0.14 0.00	11.25 0.11 0.00	-11.35 -0.10 0.00	-5.58 0.06 0.00	0.09 0.02 -1.25	12.32 -0.21 0.00	29.76 -0.10 0.00	34.33 0.58 0.00	59.20 1.89 0.00	51.56 1.38 0.00	37.27 1.31 0.00	24.30 0.90 0.00	6.50 0.25 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	47.22 2.24 0.00	44.84 2.34 0.00	34.08 1.78 0.00	33.22 1.77 0.00	32.69 1.81 0.00	38.61 2.21 0.00	51.99 3.97 0.00	40.69 2.66 -0.21	34.42 1.75 0.00	10.51 0.37 -0.87	-8.42 -0.74 -5.00	19.01 -0.22 -26.69	11.95 0.42 -0.39	-10.00 -0.42 -1.68	-5.41 -0.17 -0.40	-0.32 -0.03 -0.87	13.32 0.67 -0.12	32.48 1.78 -0.84	38.39 2.65 -1.99	68.73 5.30 -6.13	64.75 4.64 -9.92	40.92 3.12 -1.83	26.46 1.83 -1.23	8.45 0.42 -1.78
VISCHER___FERRY HYD 24020	46.57 1.59 0.00	44.20 1.70 0.00	33.63 1.34 0.00	32.77 1.32 0.00	32.22 1.34 0.00	37.88 1.47 0.00	49.92 1.89 0.00	39.28 1.46 0.00	34.03 1.36 0.00	23.70 0.41 -14.01	67.97 -0.58 -81.22	436.09 -0.34 -443.90	36.38 0.51 -24.73	24.18 -0.54 -35.97	13.97 -0.27 -19.88	25.19 -0.06 -26.41	28.05 0.55 -14.97	40.68 1.33 -9.49	38.53 1.50 -3.28	69.47 2.61 -9.56	52.37 2.18 0.00	37.56 1.59 0.00	32.72 1.13 -8.19	35.37 0.31 -28.80
V_A_10_SYNC_DSASP 323832	41.72 -3.27 0.00	40.33 -2.17 0.00	30.29 -2.01 0.00	29.61 -1.85 0.00	28.84 -2.04 0.00	34.41 -1.99 0.00	44.96 -3.06 0.00	35.13 -2.50 0.19	30.51 -2.16 0.00	8.93 -0.57 -0.23	-10.87 0.49 -1.32	0.16 0.41 -7.21	11.12 -0.43 -0.40	-10.35 0.31 -0.58	-5.17 0.14 -0.32	-0.73 0.01 -0.43	10.94 -0.30 1.29	25.01 -1.02 3.83	26.48 -1.55 5.72	43.87 -3.34 10.10	34.79 -3.11 12.29	27.46 -2.11 6.40	19.49 -1.49 2.42	6.24 -0.45 -0.44
V_CMM_10_SYNC_DSASP 323787	44.77 -0.21 0.00	42.21 -0.29 0.00	32.03 -0.27 0.00	31.13 -0.32 0.00	30.52 -0.37 0.00	36.09 -0.32 0.00	47.51 -0.52 0.00	37.59 -0.24 0.00	32.47 -0.20 0.00	9.22 -0.06 0.00	-12.53 0.14 0.00	-7.41 0.05 0.00	10.98 -0.17 0.00	-11.05 0.20 0.00	-5.53 0.10 0.00	-3.03 0.03 1.88	12.18 -0.35 0.00	29.09 -0.77 0.00	32.92 -0.83 0.00	55.85 -1.45 0.00	49.19 -0.99 0.00	35.29 -0.67 0.00	22.95 -0.45 0.00	6.15 -0.11 0.00
V_CMP_10_SYNC_DSASP 323788	45.31 0.33 0.00	42.85 0.36 0.00	32.53 0.23 0.00	31.61 0.15 0.00	30.96 0.08 0.00	36.59 0.19 0.00	48.23 0.20 0.00	38.17 0.35 0.00	32.91 0.24 0.00	9.33 0.06 0.00	-12.69 -0.02 0.00	-7.51 -0.05 0.00	11.09 -0.05 0.00	-11.21 0.04 0.00	-5.59 0.05 0.00	-2.67 0.02 1.52	12.30 -0.23 0.00	29.47 -0.39 0.00	33.36 -0.39 0.00	56.63 -0.67 0.00	49.90 -0.29 0.00	35.73 -0.24 0.00	23.12 -0.28 0.00	6.18 -0.07 0.00

V_D_10_SYNC_DSASP 323841	44.90 -0.09 0.00	42.32 -0.18 0.00	32.09 -0.20 0.00	31.18 -0.27 0.00	30.56 -0.32 0.00	36.14 -0.26 0.00	47.61 -0.42 0.00	37.71 -0.11 0.00	32.50 -0.17 0.00	9.22 -0.06 0.00	-12.52 0.15 0.00	-7.42 0.05 0.00	10.97 -0.18 0.00	-11.04 0.22 0.00	-5.52 0.12 0.00	-3.67 0.03 2.53	12.15 -0.38 0.00	29.03 -0.83 0.00	32.86 -0.89 0.00	55.84 -1.47 0.00	49.37 -0.82 0.00	35.38 -0.59 0.00	22.96 -0.44 0.00	6.15 -0.10 0.00
V_E_10_SYNC_DSASP 323830	47.48 2.50 0.00	45.30 2.80 0.00	34.07 1.78 0.00	33.21 1.76 0.00	32.65 1.77 0.00	38.91 2.51 0.00	51.47 3.45 0.00	40.10 2.15 -0.13	33.35 0.68 0.00	10.86 0.00 -1.58	-3.89 -0.38 -9.16	42.12 0.05 -49.53	12.80 -0.19 -1.85	-7.79 -0.15 -3.61	-4.12 -0.04 -1.56	1.21 0.03 -2.35	14.06 0.17 -1.36	32.91 0.90 -2.15	38.49 1.70 -3.04	69.10 4.43 -7.36	62.28 4.22 -7.87	41.74 2.87 -2.91	27.01 1.53 -2.08	9.90 0.39 -3.25
V_F_30_NSYNC___DSASP 323816	47.12 2.14 0.00	44.66 2.17 0.00	34.00 1.70 0.00	33.15 1.70 0.00	32.58 1.70 0.00	38.34 1.94 0.00	50.55 2.53 0.00	39.74 1.92 0.00	34.38 1.71 0.00	23.89 0.49 -14.13	68.48 -0.71 -81.86	439.57 -0.41 -447.44	36.66 0.59 -24.93	24.39 -0.61 -36.25	14.11 -0.30 -20.04	25.39 -0.06 -26.63	28.24 0.61 -15.09	40.99 1.56 -9.56	38.98 1.91 -3.32	70.32 3.38 -9.63	53.10 2.91 0.00	38.08 2.11 0.00	33.06 1.41 -8.25	35.66 0.38 -29.03
V_F_30_SYNC_DSASP 323786	45.97 0.99 0.00	43.60 1.11 0.00	33.28 0.99 0.00	32.41 0.95 0.00	31.87 0.99 0.00	37.45 1.05 0.00	49.33 1.31 0.00	38.88 1.06 0.00	33.72 1.05 0.00	23.55 0.32 -13.95	67.76 -0.42 -80.86	434.21 -0.25 -441.93	36.20 0.43 -24.62	24.14 -0.42 -35.81	13.95 -0.21 -19.79	25.08 -0.04 -26.30	27.90 0.46 -14.91	40.41 1.10 -9.44	38.28 1.26 -3.27	68.87 2.05 -9.52	51.82 1.64 0.00	37.20 1.23 0.00	32.44 0.89 -8.15	35.21 0.28 -28.68
V_XM_10_SYNC_DSASP 323789	45.31 0.33 0.00	42.85 0.36 0.00	32.53 0.23 0.00	31.61 0.15 0.00	30.96 0.08 0.00	36.59 0.19 0.00	48.23 0.20 0.00	38.17 0.35 0.00	32.91 0.24 0.00	9.33 0.06 0.00	-12.69 -0.02 0.00	-7.51 -0.05 0.00	11.09 -0.05 0.00	-11.21 0.04 0.00	-5.59 0.05 0.00	-2.67 0.02 1.52	12.30 -0.23 0.00	29.47 -0.39 0.00	33.36 -0.39 0.00	56.63 -0.67 0.00	49.90 -0.29 0.00	35.73 -0.24 0.00	23.12 -0.28 0.00	6.18 -0.07 0.00
W.BABYLN_69_KV_BK1 56697	56.69 3.10 -8.60	47.65 3.31 -1.84	43.33 2.59 -8.45	39.70 2.50 -5.75	57.71 2.60 -24.22	57.17 2.78 -17.98	53.49 3.54 -1.92	57.42 3.00 -16.60	41.05 2.99 -5.39	23.87 0.81 -13.78	59.66 -0.88 -73.21	137.78 -0.41 -145.65	48.64 0.94 -36.55	20.90 -0.94 -33.08	27.07 -0.52 -33.22	23.51 -0.10 -24.78	48.46 1.25 -34.68	61.54 3.00 -28.68	75.70 3.17 -38.78	95.39 5.31 -32.77	114.23 4.29 -59.76	86.53 3.12 -47.44	64.95 2.16 -39.39	52.72 0.57 -45.89
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	47.16 2.18 0.00	44.92 2.42 0.00	34.20 1.90 0.00	33.28 1.82 0.00	32.79 1.90 0.00	38.43 2.03 0.00	50.70 2.67 0.00	39.98 2.16 0.00	34.90 2.23 0.00	22.35 0.66 -12.41	58.41 -0.85 -71.93	385.18 -0.52 -393.16	33.79 0.74 -21.90	19.83 -0.77 -31.86	11.56 -0.41 -17.61	22.14 -0.08 -23.40	26.84 1.05 -13.26	40.78 2.52 -8.40	39.27 2.65 -2.87	70.27 4.51 -8.47	53.65 3.47 0.00	38.42 2.45 0.00	32.34 1.69 -7.25	32.21 0.44 -25.51
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	47.32 2.34 0.00	45.07 2.57 0.00	34.32 2.03 0.00	33.39 1.94 0.00	32.89 2.02 0.00	38.49 2.09 0.00	50.77 2.75 0.00	40.17 2.35 0.00	35.46 2.56 -0.24	38.62 0.77 -28.57	63.50 -0.99 -77.16	390.25 -0.60 -398.32	34.11 0.78 -22.19	20.21 -0.81 -32.27	11.77 -0.43 -17.84	22.45 -0.08 -23.70	27.10 1.13 -13.44	41.09 2.72 -8.51	39.46 2.80 -2.91	70.59 4.71 -8.58	53.63 3.44 0.00	38.41 2.44 0.00	32.44 1.69 -7.35	32.55 0.45 -25.85
W50THST__13_KV_LOAD 356117	47.51 2.53 0.00	45.25 2.75 0.00	34.45 2.16 0.00	33.52 2.07 0.00	33.02 2.14 0.00	38.64 2.23 0.00	50.96 2.94 0.00	40.33 2.51 0.00	35.60 2.70 -0.24	38.66 0.81 -28.57	63.44 -1.05 -77.16	390.21 -0.64 -398.32	34.17 0.83 -22.19	20.16 -0.86 -32.27	11.74 -0.46 -17.84	22.44 -0.09 -23.70	27.16 1.20 -13.44	41.24 2.86 -8.51	39.63 2.97 -2.91	70.86 4.98 -8.58	53.84 3.66 0.00	38.58 2.61 0.00	32.54 1.79 -7.35	32.57 0.48 -25.85
WADING RIVER_IC_1 23522	55.37 2.70 -7.68	47.02 2.88 -1.65	42.08 2.24 -7.55	38.68 2.09 -5.13	54.78 2.26 -21.64	54.80 2.33 -16.07	52.55 2.81 -1.72	55.36 2.71 -14.83	40.22 2.73 -4.82	23.79 0.73 -13.78	59.83 -0.70 -73.21	116.80 -0.18 -124.43	46.98 0.76 -35.08	20.90 -0.85 -33.00	25.47 -0.48 -31.58	23.40 -0.09 -24.66	46.07 1.13 -32.42	59.13 2.74 -26.52	71.64 2.93 -34.96	92.44 4.93 -30.20	107.70 4.11 -53.41	81.61 3.12 -42.52	61.60 2.16 -36.04	50.76 0.54 -43.97
WADING RIVER_IC_2 23547	55.37 2.70 -7.68	47.02 2.88 -1.65	42.08 2.24 -7.55	38.68 2.09 -5.13	54.78 2.26 -21.64	54.80 2.33 -16.07	52.55 2.81 -1.72	55.36 2.71 -14.83	40.22 2.73 -4.82	23.79 0.73 -13.78	59.83 -0.70 -73.21	116.80 -0.18 -124.43	46.98 0.76 -35.08	20.90 -0.85 -33.00	25.47 -0.48 -31.58	23.40 -0.09 -24.66	46.07 1.13 -32.42	59.13 2.74 -26.52	71.64 2.93 -34.96	92.44 4.93 -30.20	107.70 4.11 -53.41	81.61 3.12 -42.52	61.60 2.16 -36.04	50.76 0.54 -43.97
WADING RIVER_IC_3 23601	55.37 2.70 -7.68	47.02 2.88 -1.65	42.08 2.24 -7.55	38.68 2.09 -5.13	54.78 2.26 -21.64	54.80 2.33 -16.07	52.55 2.81 -1.72	55.36 2.71 -14.83	40.22 2.73 -4.82	23.79 0.73 -13.78	59.83 -0.70 -73.21	116.80 -0.18 -124.43	46.98 0.76 -35.08	20.90 -0.85 -33.00	25.47 -0.48 -31.58	23.40 -0.09 -24.66	46.07 1.13 -32.42	59.13 2.74 -26.52	71.64 2.93 -34.96	92.44 4.93 -30.20	107.70 4.11 -53.41	81.61 3.12 -42.52	61.60 2.16 -36.04	50.76 0.54 -43.97
WALDENNY_12_KV_BK2 80841	41.80 -3.18 0.00	40.48 -2.02 0.00	30.32 -1.98 0.00	29.69 -1.77 0.00	28.87 -2.01 0.00	34.55 -1.86 0.00	45.03 -3.00 0.00	35.09 -2.48 0.25	30.49 -2.18 0.00	8.95 -0.58 -0.26	-10.73 0.44 -1.49	1.09 0.41 -8.14	11.20 -0.40 -0.46	-10.32 0.27 -0.66	-5.14 0.12 -0.37	-0.68 0.01 -0.48	9.45 -0.29 2.80	20.97 -1.01 7.89	20.55 -1.60 11.61	35.07 -3.49 18.74	25.68 -3.16 21.34	20.92 -2.09 12.95	16.87 -1.53 5.00	6.26 -0.50 -0.51
WALDEN___HYDRO 24148	47.03 2.05 0.00	44.77 2.27 0.00	34.08 1.79 0.00	33.16 1.71 0.00	32.68 1.80 0.00	38.30 1.90 0.00	50.51 2.48 0.00	39.83 2.01 0.00	34.71 2.03 0.00	22.27 0.60 -12.39	58.37 -0.77 -71.81	384.53 -0.47 -392.47	33.69 0.68 -21.86	19.85 -0.70 -31.80	11.57 -0.37 -17.58	22.11 -0.08 -23.35	26.71 0.94 -13.24	40.52 2.27 -8.39	39.09 2.47 -2.86	69.99 4.23 -8.45	53.49 3.31 0.00	38.31 2.34 0.00	32.23 1.59 -7.24	32.14 0.42 -25.47
WARRENSBURG____ 23737	47.56 2.58 0.00	44.99 2.50 0.00	34.30 2.01 0.00	33.48 2.03 0.00	32.92 2.04 0.00	38.76 2.36 0.00	51.11 3.08 0.00	40.13 2.31 0.00	34.73 2.06 0.00	24.01 0.59 -14.14	68.45 -0.85 -81.96	440.05 -0.47 -447.98	36.79 0.69 -24.96	24.32 -0.72 -36.30	14.09 -0.34 -20.06	25.42 -0.06 -26.66	28.30 0.66 -15.11	41.16 1.73 -9.57	39.22 2.14 -3.33	70.72 3.76 -9.65	53.52 3.33 0.00	38.52 2.55 0.00	33.29 1.63 -8.26	35.76 0.44 -29.07

WATERSIDE___6 8 9 23538	47.20 2.22 0.00	44.99 2.49 0.00	34.27 1.98 0.00	33.34 1.89 0.00	32.84 1.96 0.00	38.41 2.01 0.00	50.69 2.67 0.00	40.13 2.31 0.00	35.38 2.55 -0.16	33.56 0.79 -23.49	62.07 -0.97 -75.72	390.27 -0.60 -398.33	34.13 0.79 -22.19	20.21 -0.81 -32.27	11.77 -0.43 -17.84	22.45 -0.08 -23.71	27.11 1.14 -13.44	41.06 2.68 -8.51	39.42 2.76 -2.91	70.46 4.58 -8.58	53.49 3.31 0.00	38.36 2.39 0.00	32.40 1.65 -7.35	32.55 0.45 -25.85
WATKINRD_115KV_LN8_ILLION 55919	46.28 1.29 0.00	44.03 1.53 0.00	33.60 1.30 0.00	32.79 1.34 0.00	32.27 1.39 0.00	37.92 1.52 0.00	49.89 1.86 0.00	39.16 1.34 0.00	33.43 0.76 0.00	9.35 0.08 0.00	-12.98 -0.31 0.00	-7.65 -0.19 0.00	11.29 0.14 0.00	-11.38 -0.13 0.00	-5.56 0.07 0.00	0.10 0.02 -1.25	12.21 -0.33 0.00	29.74 -0.12 0.00	34.65 0.90 0.00	60.24 2.93 0.00	52.41 2.22 0.00	37.90 1.93 0.00	24.79 1.39 0.00	6.64 0.39 0.00
WDELAWARE___HYD 323627	46.53 1.55 0.00	44.26 1.76 0.00	33.69 1.40 0.00	32.78 1.33 0.00	32.30 1.42 0.00	37.89 1.49 0.00	49.98 1.96 0.00	39.40 1.58 0.00	34.28 1.60 0.00	21.36 0.46 -11.62	54.09 -0.55 -67.32	360.08 -0.37 -367.92	32.15 0.51 -20.50	18.03 -0.53 -29.81	10.57 -0.27 -16.47	20.67 -0.05 -21.89	25.63 0.69 -12.41	39.46 1.74 -7.86	38.51 2.05 -2.71	68.86 3.63 -7.92	53.03 2.84 0.00	37.93 1.96 0.00	31.51 1.32 -6.79	30.46 0.34 -23.87
WEST BABYLON___IC 23714	56.69 3.10 -8.60	47.65 3.31 -1.84	43.33 2.59 -8.45	39.70 2.50 -5.75	57.71 2.60 -24.22	57.17 2.78 -17.98	53.49 3.54 -1.92	57.42 3.00 -16.60	41.05 2.99 -5.39	23.87 0.81 -13.78	59.66 -0.88 -73.21	137.78 -0.41 -145.65	48.64 0.94 -36.55	20.90 -0.94 -33.08	27.07 -0.52 -33.22	23.51 -0.10 -24.78	48.46 1.25 -34.68	61.54 3.00 -28.68	75.70 3.17 -38.78	95.39 5.31 -32.77	114.23 4.29 -59.76	86.53 3.12 -47.44	64.95 2.16 -39.39	52.72 0.57 -45.89
WEST CANADA___HYD 24049	45.11 0.12 0.00	42.70 0.20 0.00	32.46 0.16 0.00	31.61 0.16 0.00	31.04 0.16 0.00	36.57 0.17 0.00	48.26 0.24 0.00	37.99 0.17 0.00	32.84 0.16 0.00	9.32 0.04 0.00	-12.74 -0.06 0.00	-7.50 -0.04 0.00	11.21 0.06 0.00	-11.31 -0.06 0.00	-5.66 -0.03 0.00	0.07 -0.01 -1.25	12.60 0.07 0.00	30.04 0.18 0.00	33.97 0.22 0.00	57.71 0.40 0.00	50.50 0.32 0.00	36.19 0.23 0.00	23.56 0.16 0.00	6.29 0.04 0.00
WESTERN_NY_WIND 24143	42.87 -2.12 0.00	41.36 -1.14 0.00	31.07 -1.23 0.00	30.36 -1.09 0.00	29.59 -1.29 0.00	35.35 -1.05 0.00	46.22 -1.81 0.00	35.94 -1.70 0.18	30.83 -1.84 0.00	8.99 -0.51 -0.23	-10.94 0.42 -1.32	0.09 0.37 -7.18	11.16 -0.38 -0.40	-10.41 0.26 -0.58	-5.19 0.12 -0.32	-0.73 0.01 -0.43	11.43 -0.22 0.88	25.37 -0.65 3.85	26.74 -0.80 6.22	44.36 -1.95 11.00	35.05 -1.69 13.44	27.76 -1.14 7.07	19.76 -0.96 2.68	6.37 -0.34 -0.45
WESTOVER___LESR 323668	44.28 -0.71 0.00	42.10 -0.40 0.00	31.85 -0.44 0.00	31.16 -0.29 0.00	30.52 -0.36 0.00	36.16 -0.24 0.00	47.75 -0.27 0.00	37.67 -0.55 -0.40	31.91 -0.76 0.00	9.58 -0.26 -0.55	-9.23 0.26 -3.18	9.12 0.25 -16.34	10.00 -0.23 0.91	-10.50 0.23 -0.51	-6.11 0.11 0.59	-1.37 0.02 0.22	11.54 -0.09 0.90	30.03 -0.23 -0.39	35.74 -0.22 -2.21	66.40 -0.17 -9.26	67.97 -0.11 -17.89	38.23 -0.12 -2.38	24.52 -0.15 -1.27	7.30 -0.08 -1.14
WETHRSFD_WT_PWR 323626	41.90 -3.08 0.00	40.36 -2.13 0.00	30.24 -2.05 0.00	29.68 -1.77 0.00	28.91 -1.98 0.00	34.55 -1.86 0.00	44.99 -3.03 0.00	34.73 -2.78 0.30	30.07 -2.60 0.00	8.85 -0.71 -0.29	-10.58 0.82 -1.28	-12.26 0.71 5.51	-11.11 -0.74 21.52	-20.39 0.74 9.87	-20.96 0.37 15.69	-15.33 0.06 14.22	-23.31 -0.79 35.06	-18.43 -2.05 46.24	-15.40 -2.65 46.50	-9.80 -4.79 62.31	-10.43 -3.99 56.62	-13.17 -2.70 46.43	3.33 -1.78 18.29	6.25 -0.57 -0.57
WHAVSTOR_138KV_BK127 55557	46.95 1.97 0.00	44.72 2.23 0.00	34.05 1.75 0.00	33.13 1.68 0.00	32.65 1.77 0.00	38.26 1.86 0.00	50.46 2.44 0.00	39.82 2.00 0.00	34.76 2.09 0.00	22.32 0.62 -12.42	58.52 -0.79 -71.99	385.49 -0.49 -393.45	33.76 0.69 -21.92	19.91 -0.72 -31.88	11.60 -0.38 -17.62	22.17 -0.08 -23.42	26.79 0.99 -13.27	40.62 2.34 -8.41	39.08 2.46 -2.87	69.95 4.17 -8.47	53.36 3.17 0.00	38.22 2.25 0.00	32.22 1.56 -7.26	32.20 0.41 -25.53
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	46.95 1.97 0.00	44.72 2.23 0.00	34.05 1.75 0.00	33.13 1.68 0.00	32.65 1.77 0.00	38.26 1.86 0.00	50.46 2.44 0.00	39.82 2.00 0.00	34.76 2.09 0.00	22.32 0.62 -12.42	58.52 -0.79 -71.99	385.49 -0.49 -393.45	33.76 0.69 -21.92	19.91 -0.72 -31.88	11.60 -0.38 -17.62	22.17 -0.08 -23.42	26.79 0.99 -13.27	40.62 2.34 -8.41	39.08 2.46 -2.87	69.95 4.17 -8.47	53.36 3.17 0.00	38.22 2.25 0.00	32.22 1.56 -7.26	32.20 0.41 -25.53
WHITEHAL_115KV_TB1 80871	48.17 3.19 0.00	45.69 3.19 0.00	34.74 2.44 0.00	34.09 2.63 0.00	33.45 2.57 0.00	39.39 2.99 0.00	51.81 3.78 0.00	40.49 2.66 0.00	35.06 2.39 0.00	24.14 0.73 -14.14	68.24 -1.01 -81.92	439.78 -0.52 -447.76	36.86 0.77 -24.94	24.20 -0.83 -36.28	14.03 -0.39 -20.05	25.40 -0.07 -26.64	28.51 0.87 -15.10	41.90 2.47 -9.57	39.89 2.81 -3.32	71.54 4.59 -9.64	54.40 4.22 0.00	39.07 3.11 0.00	33.55 1.89 -8.26	35.82 0.52 -29.05
WHITEPLN_13_KV_LOAD 356215	47.44 2.45 0.00	45.18 2.68 0.00	34.38 2.09 0.00	33.47 2.02 0.00	32.97 2.09 0.00	38.62 2.22 0.00	50.94 2.91 0.00	40.24 2.42 0.00	35.15 2.48 0.00	22.59 0.74 -12.57	59.21 -0.95 -72.83	390.02 -0.58 -398.07	34.13 0.81 -22.17	20.17 -0.83 -32.25	11.75 -0.44 -17.83	22.43 -0.09 -23.69	27.08 1.13 -13.43	41.07 2.70 -8.51	39.53 2.87 -2.91	70.74 4.87 -8.57	53.93 3.74 0.00	38.62 2.65 0.00	32.54 1.80 -7.34	32.56 0.47 -25.83
WM_FLOYD_69_KV_BK2 356380	55.43 2.75 -7.70	47.10 2.95 -1.65	42.15 2.29 -7.56	38.80 2.20 -5.15	54.90 2.34 -21.69	54.96 2.45 -16.10	52.77 3.02 -1.72	55.43 2.74 -14.86	40.24 2.75 -4.83	23.79 0.73 -13.78	59.81 -0.72 -73.21	117.14 -0.23 -124.84	47.04 0.78 -35.11	20.92 -0.83 -33.00	25.52 -0.46 -31.62	23.40 -0.09 -24.67	46.12 1.13 -32.46	59.18 2.75 -26.57	71.73 2.95 -35.03	92.54 4.98 -30.25	107.83 4.11 -53.53	81.68 3.10 -42.61	61.60 2.11 -36.10	50.80 0.54 -44.01
WOODARD___115KV_TB2 355635	44.14 -0.84 0.00	41.85 -0.64 0.00	31.75 -0.54 0.00	30.97 -0.48 0.00	30.39 -0.49 0.00	35.89 -0.51 0.00	47.39 -0.64 0.00	37.18 -0.65 0.00	31.96 -0.71 0.00	9.06 -0.21 0.00	-12.41 0.26 0.00	-7.28 0.18 0.00	10.92 -0.22 0.00	-11.03 0.22 0.00	-5.53 0.10 0.00	-1.15 0.02 0.00	12.37 -0.16 0.00	29.46 -0.41 0.00	33.39 -0.44 -0.09	56.58 -0.72 0.00	49.55 -0.63 0.00	35.51 -0.45 0.00	23.06 -0.34 0.00	6.14 -0.11 0.00
YORK___WARBASSE 23770	47.44 2.46 0.00	45.19 2.69 0.00	34.40 2.11 0.00	33.46 2.01 0.00	32.95 2.07 0.00	38.56 2.15 0.00	50.90 2.88 0.00	40.29 2.47 0.00	35.49 2.67 -0.16	33.70 0.85 -23.58	62.02 -1.03 -75.72	390.23 -0.63 -398.33	34.18 0.84 -22.19	20.16 -0.87 -32.27	11.75 -0.46 -17.84	22.45 -0.09 -23.71	27.15 1.18 -13.44	41.18 2.81 -8.51	39.57 2.92 -2.91	70.78 4.89 -8.58	53.79 3.61 0.00	38.57 2.60 0.00	32.53 1.78 -7.35	32.58 0.48 -25.85