

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

11/30/2023

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1	38.12	39.42	47.82	31.90	47.37	54.90	51.30	46.84	38.11	45.48	33.83	31.71	28.76	31.47	32.06	35.66	32.97	34.73	32.64	32.19	31.94	31.45	31.61	28.77
24138	2.23	1.42	0.49	1.57	0.90	1.84	3.13	3.04	2.39	2.30	2.56	2.31	1.91	2.06	2.19	2.39	2.43	2.08	2.15	2.23	2.08	1.85	1.76	1.66
	-1.22	-15.41	-39.46	-4.62	-31.18	-23.46	-3.89	-4.18	-4.61	-13.86	0.00	0.00	-0.72	-0.67	0.00	-1.39	-0.12	-7.57	-4.24	-0.52	-0.46	-1.85	0.00	0.00
74TH STREET_GT_1	38.09	39.41	47.82	31.90	47.36	54.90	51.26	46.79	38.05	45.34	33.71	31.59	28.66	31.37	31.95	35.54	32.85	34.67	32.58	32.14	31.90	31.43	31.59	28.75
24260	2.20	1.41	0.49	1.57	0.90	1.83	3.08	2.99	2.33	2.22	2.45	2.20	1.81	1.96	2.09	2.28	2.32	2.02	2.09	2.18	2.04	1.84	1.75	1.65
	-1.22	-15.42	-39.46	-4.62	-31.18	-23.46	-3.89	-4.18	-4.62	-13.81	0.00	0.00	-0.72	-0.67	0.00	-1.38	-0.12	-7.57	-4.25	-0.52	-0.46	-1.85	0.00	0.00
74TH STREET_GT_2	38.09	39.41	47.82	31.90	47.36	54.90	51.26	46.79	38.05	45.34	33.71	31.59	28.66	31.37	31.95	35.54	32.85	34.67	32.58	32.14	31.90	31.43	31.59	28.75
24261	2.20	1.41	0.49	1.57	0.90	1.83	3.08	2.99	2.33	2.22	2.45	2.20	1.81	1.96	2.09	2.28	2.32	2.02	2.09	2.18	2.04	1.84	1.75	1.65
	-1.22	-15.42	-39.46	-4.62	-31.18	-23.46	-3.89	-4.18	-4.62	-13.81	0.00	0.00	-0.72	-0.67	0.00	-1.38	-0.12	-7.57	-4.25	-0.52	-0.46	-1.85	0.00	0.00
ADK HUDSON___FALLS	37.97	43.39	58.69	32.75	55.89	61.24	51.92	47.24	38.72	33.76	32.73	30.61	27.33	30.21	31.48	33.89	32.37	36.31	33.26	31.78	31.48	31.53	31.15	28.46
24011	1.74	1.08	0.35	1.13	0.72	1.62	2.65	2.28	1.71	1.42	1.47	1.21	1.04	1.32	1.62	1.71	1.80	1.55	1.59	1.67	1.48	1.42	1.31	1.35
	-1.56	-19.72	-50.47	-5.91	-39.89	-30.01	-4.98	-5.35	-5.90	-3.01	0.00	0.00	-0.16	-0.15	0.00	-0.30	-0.16	-9.68	-5.43	-0.66	-0.59	-2.36	0.00	0.00
ADK RESOURCE___RCVRY	38.15	43.50	58.74	32.81	55.97	61.45	52.24	47.53	38.94	33.90	32.95	30.74	27.43	30.36	31.71	34.09	32.59	36.49	33.43	31.95	31.62	31.65	31.29	28.65
23798	1.92	1.17	0.37	1.18	0.78	1.82	2.97	2.57	1.93	1.58	1.69	1.34	1.15	1.47	1.84	1.91	2.02	1.72	1.76	1.85	1.63	1.54	1.44	1.53
	-1.56	-19.73	-50.50	-5.91	-39.91	-30.03	-4.98	-5.35	-5.90	-3.01	0.00	0.00	-0.16	-0.15	0.00	-0.30	-0.16	-9.69	-5.43	-0.66	-0.59	-2.37	0.00	0.00
ADK S GLENS___FALLS	37.97	43.39	58.69	32.75	55.89	61.24	51.92	47.24	38.72	33.76	32.73	30.61	27.33	30.21	31.48	33.89	32.37	36.31	33.26	31.78	31.48	31.53	31.15	28.46
24028	1.74	1.08	0.35	1.13	0.72	1.62	2.65	2.28	1.71	1.42	1.47	1.21	1.04	1.32	1.62	1.71	1.80	1.55	1.59	1.67	1.48	1.42	1.31	1.35
	-1.56	-19.72	-50.47	-5.91	-39.89	-30.01	-4.98	-5.35	-5.90	-3.01	0.00	0.00	-0.16	-0.15	0.00	-0.30	-0.16	-9.68	-5.43	-0.66	-0.59	-2.36	0.00	0.00
ADK_NYS___DAM	38.60	43.31	57.23	33.34	54.94	60.75	52.24	47.54	38.88	34.65	33.37	31.26	27.91	30.84	31.97	34.44	32.70	36.17	33.31	32.02	31.75	31.84	31.57	28.90
23527	2.43	1.66	0.59	1.92	1.11	2.14	3.14	2.76	2.08	1.92	2.10	1.86	1.60	1.93	2.10	2.22	2.13	1.74	1.83	1.94	1.77	1.81	1.72	1.79
	-1.50	-19.06	-48.78	-5.71	-38.55	-29.00	-4.81	-5.17	-5.70	-3.41	0.00	0.00	-0.18	-0.17	0.00	-0.34	-0.15	-9.36	-5.24	-0.64	-0.57	-2.29	0.00	0.00
AIR_PRODUCTS___DRP	37.32	42.54	57.28	32.28	54.62	59.75	50.47	45.85	37.77	33.21	32.15	30.15	26.93	29.69	30.79	33.15	31.52	35.28	32.39	30.98	30.75	30.81	30.49	27.79
24190	1.14	0.74	0.25	0.81	0.48	0.91	1.34	1.03	0.92	0.77	0.88	0.76	0.64	0.79	0.93	0.96	0.95	0.77	0.86	0.89	0.77	0.76	0.64	0.68
	-1.51	-19.21	-49.17	-5.76	-38.86	-29.23	-4.85	-5.21	-5.75	-3.13	0.00	0.00	-0.16	-0.15	0.00	-0.31	-0.15	-9.43	-5.29	-0.64	-0.58	-2.30	0.00	0.00
AKWESSNE_115KV_BK	34.49	22.49	7.83	25.62	15.22	29.45	43.92	39.32	30.97	29.26	31.21	29.39	26.16	28.82	29.88	31.81	30.27	24.87	26.07	29.25	29.24	27.61	29.77	26.93
355683	-0.18	-0.09	-0.04	-0.08	-0.06	-0.15	-0.36	-0.30	-0.13	-0.05	-0.06	0.00	0.03	0.08	0.01	-0.06	-0.15	-0.21	-0.17	-0.19	-0.16	-0.13	-0.07	-0.18
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	37.32	42.54	57.28	32.28	54.62	59.75	50.47	45.85	37.77	33.21	32.15	30.15	26.93	29.69	30.79	33.15	31.52	35.28	32.39	30.98	30.75	30.81	30.49	27.79
23571	1.14	0.74	0.25	0.81	0.48	0.91	1.34	1.03	0.92	0.77	0.88	0.76	0.64	0.79	0.93	0.96	0.95	0.77	0.86	0.89	0.77	0.76	0.64	0.68
	-1.51	-19.21	-49.17	-5.76	-38.86	-29.23	-4.85	-5.21	-5.75	-3.13	0.00	0.00	-0.16	-0.15	0.00	-0.31	-0.15	-9.43	-5.29	-0.64	-0.58	-2.30	0.00	0.00
ALBANY___2	37.32	42.54	57.28	32.28	54.62	59.75	50.47	45.85	37.77	33.21	32.15	30.15	26.93	29.69	30.79	33.15	31.52	35.28	32.39	30.98	30.75	30.81	30.49	27.79
23572	1.14	0.74	0.25	0.81	0.48	0.91	1.34	1.03	0.92	0.77	0.88	0.76	0.64	0.79	0.93	0.96	0.95	0.77	0.86	0.89	0.77	0.76	0.64	0.68
	-1.51	-19.21	-49.17	-5.76	-38.86	-29.23	-4.85	-5.21	-5.75	-3.13	0.00	0.00	-0.16	-0.15	0.00	-0.31	-0.15	-9.43	-5.29	-0.64	-0.58	-2.30	0.00	0.00
ALBANY___3	37.32	42.54	57.28	32.28	54.62	59.75	50.47	45.85	37.77	33.21	32.15	30.15	26.93	29.69	30.79	33.15	31.52	35.28	32.39	30.98	30.75	30.81	30.49	27.79
23573	1.14	0.74	0.25	0.81	0.48	0.91	1.34	1.03	0.92	0.77	0.88	0.76	0.64	0.79	0.93	0.96	0.95	0.77	0.86	0.89	0.77	0.76	0.64	0.68
	-1.51	-19.21	-49.17	-5.76	-38.86	-29.23	-4.85	-5.21	-5.75	-3.13	0.00	0.00	-0.16	-0.15	0.00	-0.31	-0.15	-9.43	-5.29	-0.64	-0.58	-2.30	0.00	0.00

ALBANY___4 23574	37.32 1.14 -1.51	42.54 0.74 -19.21	57.28 0.25 -49.17	32.28 0.81 -5.76	54.62 0.48 -38.86	59.75 0.91 -29.23	50.47 1.34 -4.85	45.85 1.03 -5.21	37.77 0.92 -5.75	33.21 0.77 -3.13	32.15 0.88 0.00	30.15 0.76 0.00	26.93 0.64 -0.16	29.69 0.79 -0.15	30.79 0.93 0.00	33.15 0.96 -0.31	31.52 0.95 -0.15	35.28 0.77 -9.43	32.39 0.86 -5.29	30.98 0.89 -0.64	30.75 0.77 -0.58	30.81 0.76 -2.30	30.49 0.64 0.00	27.79 0.68 0.00
ALBANY___LFGE 323615	37.66 1.46 -1.53	42.88 0.94 -19.35	57.71 0.32 -49.53	32.54 1.03 -5.80	55.04 0.61 -39.14	60.25 1.19 -29.45	50.99 1.82 -4.88	46.35 1.49 -5.25	38.15 1.26 -5.79	33.51 1.08 -3.11	32.47 1.20 0.00	30.45 1.05 0.00	27.19 0.90 -0.16	29.98 1.08 -0.15	31.11 1.24 0.00	33.50 1.31 -0.31	31.87 1.30 -0.16	35.64 1.06 -9.50	32.71 1.15 -5.33	31.30 1.21 -0.65	31.05 1.07 -0.58	31.12 1.05 -2.32	30.78 0.93 0.00	28.06 0.95 0.00
ALCOA_PA_115KV_PL-6C 55860	34.75 0.07 0.00	22.65 0.07 0.00	7.89 0.02 0.00	25.80 0.10 0.00	15.32 0.04 0.00	29.65 0.05 0.00	44.12 -0.16 0.00	39.51 -0.11 0.00	31.22 0.12 0.00	29.49 0.17 0.00	31.37 0.11 0.00	30.37 0.22 -0.75	26.77 0.23 -0.41	29.04 0.30 0.00	30.09 0.23 0.00	32.06 0.17 0.00	30.45 0.04 0.00	25.76 -0.08 -0.76	27.43 -0.05 -1.24	30.72 -0.05 -1.32	30.71 -0.02 -1.33	29.01 -0.01 -1.27	31.22 0.05 -1.33	28.24 -0.12 -1.25
ALCOA_RYNLDS___DRP 24188	34.75 0.07 0.00	22.65 0.07 0.00	7.89 0.02 0.00	25.80 0.10 0.00	15.32 0.04 0.00	29.65 0.05 0.00	44.12 -0.16 0.00	39.51 -0.11 0.00	31.22 0.12 0.00	29.49 0.17 0.00	31.37 0.11 0.00	30.37 0.22 -0.75	26.77 0.23 -0.41	29.04 0.30 0.00	30.09 0.23 0.00	32.06 0.17 0.00	30.45 0.04 0.00	25.76 -0.08 -0.76	27.43 -0.05 -1.24	30.72 -0.05 -1.32	30.71 -0.02 -1.33	29.01 -0.01 -1.27	31.22 0.05 -1.33	28.24 -0.12 -1.25
ALCOA___DSASP 323711	34.75 0.07 0.00	22.65 0.06 0.00	7.89 0.02 0.00	25.80 0.10 0.00	15.32 0.04 0.00	29.65 0.05 0.00	44.13 -0.16 0.00	39.52 -0.10 0.00	31.22 0.12 0.00	29.49 0.17 0.00	31.37 0.11 0.00	30.37 0.22 -0.75	26.77 0.23 -0.41	29.04 0.30 0.00	30.09 0.23 0.00	32.06 0.17 0.00	30.45 0.04 0.00	25.76 -0.08 -0.76	27.43 -0.05 -1.24	30.72 -0.05 -1.32	30.71 -0.02 -1.33	29.01 -0.01 -1.27	31.22 0.05 -1.33	28.24 -0.12 -1.25
ALLEGHENY___COGEN 23514	34.99 0.01 -0.30	26.37 -0.09 -3.87	17.71 -0.05 -9.90	26.53 -0.34 -1.16	22.94 -0.16 -7.82	35.47 -0.01 -5.88	45.30 0.04 -0.98	40.69 0.03 -1.05	32.00 -0.27 -1.17	28.75 -0.57 0.00	30.21 -1.05 0.00	28.34 -1.06 0.00	25.17 -0.96 0.00	27.48 -1.26 0.00	28.63 -1.24 0.00	30.88 -1.00 0.00	29.91 -0.54 -0.03	26.78 -0.30 -1.99	26.81 -0.50 -1.07	29.03 -0.54 -0.13	29.17 -0.35 -0.12	27.84 -0.37 -0.47	29.61 -0.24 0.00	26.96 -0.15 0.00
ALTAMONT_115KV_TB 2 55880	37.54 1.35 -1.52	42.71 0.87 -19.24	57.42 0.30 -49.26	32.45 0.97 -5.77	54.78 0.57 -38.93	60.04 1.15 -29.29	50.94 1.80 -4.86	46.40 1.56 -5.22	38.09 1.23 -5.76	33.48 1.09 -3.07	32.43 1.16 0.00	30.40 1.01 0.00	27.13 0.85 -0.16	29.88 0.99 -0.15	31.00 1.13 0.00	33.41 1.22 -0.31	31.80 1.23 -0.15	35.56 1.03 -9.45	32.63 1.10 -5.30	31.26 1.16 -0.64	31.04 1.06 -0.58	31.08 1.03 -2.31	30.79 0.95 0.00	28.05 0.94 0.00
ALTONA_WT_PWR 323606	33.96 -0.72 0.00	22.19 -0.39 0.00	7.71 -0.16 0.00	25.22 -0.49 0.00	14.96 -0.32 0.00	28.99 -0.62 0.00	43.16 -1.12 0.00	38.56 -1.05 0.00	30.47 -0.63 0.00	28.73 -0.59 0.00	30.71 -0.56 0.00	0.49 -0.84 28.06	9.84 -0.76 15.53	28.33 -0.41 0.00	29.83 -0.03 0.00	31.46 -0.42 0.00	30.00 -0.41 0.00	-3.42 -0.94 27.57	-21.07 -1.01 46.30	-21.07 -1.11 49.41	-21.45 -1.06 49.79	-20.98 -0.98 47.74	-20.95 -0.94 49.85	-20.93 -0.94 47.10
AMERICAN_REF_FUEL 24010	32.71 -2.24 -0.28	24.55 -1.61 -3.57	16.41 -0.59 -9.14	24.74 -2.03 -1.07	21.26 -1.24 -7.22	32.69 -2.35 -5.43	41.23 -3.96 -0.90	36.80 -3.79 -0.97	29.20 -2.98 -1.08	26.70 -2.62 0.00	28.38 -2.88 0.00	26.94 -2.46 0.00	24.06 -2.07 0.00	26.28 -2.47 0.00	27.19 -2.68 0.00	29.06 -2.82 0.00	27.56 -2.88 -0.03	24.33 -2.49 -1.74	24.45 -2.77 -0.99	26.49 -3.08 -0.12	26.62 -2.89 -0.11	25.60 -2.57 -0.43	27.74 -2.10 0.00	25.55 -1.56 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	33.51 -1.47 -0.30	25.29 -1.10 -3.81	17.19 -0.41 -9.74	25.33 -1.52 -1.14	22.07 -0.91 -7.70	33.82 -1.57 -5.79	42.58 -2.66 -0.96	38.06 -2.60 -1.04	30.20 -2.06 -1.15	27.49 -1.83 0.00	29.29 -1.98 0.00	27.84 -1.56 0.00	24.85 -1.28 0.00	27.08 -1.66 0.00	27.84 -2.02 0.00	29.80 -2.08 0.00	28.18 -2.26 -0.03	25.06 -1.87 -1.85	25.07 -2.22 -1.05	27.14 -2.43 -0.13	27.21 -2.31 -0.11	26.15 -2.06 -0.46	28.07 -1.77 0.00	25.74 -1.38 0.00
ARTHUR_KILL_GT_1 23520	37.94 2.05 -1.22	39.31 1.31 -15.42	47.75 0.42 -39.46	31.69 1.36 -4.62	47.22 0.75 -31.18	54.55 1.49 -23.46	50.84 2.66 -3.89	46.48 2.68 -4.18	37.81 2.10 -4.62	45.14 2.01 -13.81	33.48 2.22 0.00	31.38 1.98 0.00	28.44 1.59 -0.72	31.10 1.69 -0.67	31.70 1.83 0.00	35.29 2.03 -1.38	32.63 2.10 -0.12	34.58 1.93 -7.57	32.52 2.03 -4.25	32.07 2.10 -0.52	31.83 1.97 -0.46	31.30 1.70 -1.85	31.45 1.60 0.00	28.63 1.52 0.00
ARTHUR_KILL_2 23512	37.83 1.94 -1.22	39.25 1.24 -15.42	47.73 0.40 -39.46	31.62 1.29 -4.62	47.18 0.71 -31.18	54.46 1.40 -23.46	50.69 2.52 -3.89	46.35 2.55 -4.18	37.72 2.00 -4.62	45.05 1.92 -13.81	33.40 2.13 0.00	31.30 1.90 0.00	28.37 1.53 -0.72	31.03 1.62 -0.67	31.62 1.75 0.00	35.20 1.93 -1.38	32.54 2.00 -0.12	34.50 1.84 -7.57	32.43 1.95 -4.25	31.97 2.00 -0.52	31.73 1.87 -0.46	31.21 1.61 -1.85	31.35 1.51 0.00	28.56 1.45 0.00
ARTHUR_KILL_3 23513	37.67 1.78 -1.22	39.14 1.13 -15.42	47.72 0.40 -39.46	31.61 1.28 -4.62	47.19 0.72 -31.18	54.53 1.47 -23.46	50.66 2.48 -3.89	46.22 2.42 -4.18	37.61 1.89 -4.62	44.96 1.80 -13.84	33.29 2.03 0.00	31.20 1.81 0.00	28.29 1.45 -0.72	30.96 1.55 -0.67	31.54 1.67 0.00	35.10 1.83 -1.39	32.45 1.91 -0.12	34.34 1.69 -7.57	32.24 1.75 -4.25	31.75 1.79 -0.52	31.51 1.65 -0.46	31.08 1.48 -1.85	31.22 1.37 0.00	28.42 1.31 0.00
ARTHUR_KILL_COGEN 323718	37.94 2.05 -1.22	39.31 1.31 -15.42	47.75 0.42 -39.46	31.69 1.36 -4.62	47.22 0.75 -31.18	54.55 1.49 -23.46	50.84 2.66 -3.89	46.48 2.68 -4.18	37.81 2.10 -4.62	45.14 2.01 -13.81	33.48 2.22 0.00	31.38 1.98 0.00	28.44 1.59 -0.72	31.10 1.69 -0.67	31.70 1.83 0.00	35.29 2.03 -1.38	32.63 2.10 -0.12	34.58 1.93 -7.57	32.52 2.03 -4.25	32.07 2.10 -0.52	31.83 1.97 -0.46	31.30 1.70 -1.85	31.45 1.60 0.00	28.63 1.52 0.00
ASHOKAN____ 23654	38.83 2.78 -1.37	41.63 1.67 -17.37	52.89 0.56 -44.46	32.75 1.83 -5.21	51.54 1.13 -35.14	58.29 2.25 -26.44	52.41 3.74 -4.39	47.68 3.36 -4.71	38.85 2.55 -5.20	31.42 2.10 0.00	33.32 2.05 0.00	31.15 1.76 0.00	27.61 1.48 0.00	30.46 1.72 0.00	31.90 2.04 0.00	34.34 2.46 0.00	33.16 2.61 -0.14	35.75 2.14 -8.53	33.23 2.20 -4.78	32.66 2.63 -0.58	32.40 2.48 -0.52	31.95 2.12 -2.08	31.99 2.14 0.00	29.07 1.96 0.00

ASTORIA_EAST_ENERGY_CC1 323581	37.77 1.88 -1.22	39.21 1.21 -15.42	47.74 0.41 -39.46	31.69 1.36 -4.62	47.17 0.70 -31.18	54.60 1.53 -23.46	50.83 2.66 -3.89	46.35 2.55 -4.18	37.69 1.98 -4.61	45.01 1.88 -13.81	33.42 2.15 0.00	31.29 1.89 0.00	28.40 1.56 -0.72	30.97 1.56 -0.67	31.60 1.73 0.00	35.12 1.86 -1.38	32.44 1.90 -0.12	34.42 1.77 -7.57	32.36 1.87 -4.25	31.89 1.93 -0.52	31.64 1.78 -0.46	31.18 1.58 -1.85	31.34 1.50 0.00	28.58 1.47 0.00
ASTORIA_EAST_ENERGY_CC2 323582	37.77 1.88 -1.22	39.21 1.21 -15.42	47.74 0.41 -39.46	31.69 1.36 -4.62	47.17 0.70 -31.18	54.60 1.53 -23.46	50.83 2.66 -3.89	46.35 2.55 -4.18	37.69 1.98 -4.61	45.01 1.88 -13.81	33.42 2.15 0.00	31.29 1.89 0.00	28.41 1.56 -0.72	30.97 1.56 -0.67	31.60 1.73 0.00	35.12 1.86 -1.38	32.44 1.90 -0.12	34.42 1.77 -7.57	32.36 1.87 -4.25	31.89 1.93 -0.52	31.64 1.78 -0.46	31.18 1.58 -1.85	31.34 1.50 0.00	28.58 1.47 0.00
ASTORIA_GT2_1 24094	37.78 1.89 -1.22	39.22 1.21 -15.42	47.75 0.42 -39.46	31.72 1.38 -4.62	47.18 0.71 -31.18	54.61 1.54 -23.46	50.85 2.67 -3.89	46.37 2.57 -4.18	37.70 1.99 -4.62	45.03 1.90 -13.81	33.42 2.16 0.00	31.30 1.90 0.00	28.41 1.57 -0.72	30.99 1.57 -0.67	31.62 1.75 0.00	35.14 1.87 -1.38	32.46 1.92 -0.12	34.44 1.79 -7.57	32.37 1.89 -4.25	31.90 1.94 -0.52	31.65 1.79 -0.46	31.19 1.59 -1.85	31.37 1.52 0.00	28.59 1.48 0.00
ASTORIA_GT2_2 24095	37.78 1.89 -1.22	39.22 1.21 -15.42	47.75 0.42 -39.46	31.72 1.38 -4.62	47.18 0.71 -31.18	54.61 1.54 -23.46	50.85 2.67 -3.89	46.37 2.57 -4.18	37.70 1.99 -4.62	45.03 1.90 -13.81	33.42 2.16 0.00	31.30 1.90 0.00	28.41 1.57 -0.72	30.99 1.57 -0.67	31.62 1.75 0.00	35.14 1.87 -1.38	32.46 1.92 -0.12	34.44 1.79 -7.57	32.37 1.89 -4.25	31.90 1.94 -0.52	31.65 1.79 -0.46	31.19 1.59 -1.85	31.37 1.52 0.00	28.59 1.48 0.00
ASTORIA_GT2_3 24096	37.78 1.89 -1.22	39.22 1.21 -15.42	47.75 0.42 -39.46	31.72 1.38 -4.62	47.18 0.71 -31.18	54.61 1.54 -23.46	50.85 2.67 -3.89	46.37 2.57 -4.18	37.70 1.99 -4.62	45.03 1.90 -13.81	33.42 2.16 0.00	31.30 1.90 0.00	28.41 1.57 -0.72	30.99 1.57 -0.67	31.62 1.75 0.00	35.14 1.87 -1.38	32.46 1.92 -0.12	34.44 1.79 -7.57	32.37 1.89 -4.25	31.90 1.94 -0.52	31.65 1.79 -0.46	31.19 1.59 -1.85	31.37 1.52 0.00	28.59 1.48 0.00
ASTORIA_GT2_4 24097	37.78 1.89 -1.22	39.22 1.21 -15.42	47.75 0.42 -39.46	31.72 1.38 -4.62	47.18 0.71 -31.18	54.61 1.54 -23.46	50.85 2.67 -3.89	46.37 2.57 -4.18	37.70 1.99 -4.62	45.03 1.90 -13.81	33.42 2.16 0.00	31.30 1.90 0.00	28.41 1.57 -0.72	30.99 1.57 -0.67	31.62 1.75 0.00	35.14 1.87 -1.38	32.46 1.92 -0.12	34.44 1.79 -7.57	32.37 1.89 -4.25	31.90 1.94 -0.52	31.65 1.79 -0.46	31.19 1.59 -1.85	31.37 1.52 0.00	28.59 1.48 0.00
ASTORIA_GT3_1 24098	37.78 1.89 -1.22	39.22 1.21 -15.42	47.75 0.42 -39.46	31.72 1.38 -4.62	47.18 0.71 -31.18	54.61 1.54 -23.46	50.85 2.67 -3.89	46.37 2.57 -4.18	37.70 1.99 -4.62	45.03 1.90 -13.81	33.42 2.16 0.00	31.30 1.90 0.00	28.41 1.57 -0.72	30.99 1.57 -0.67	31.62 1.75 0.00	35.14 1.87 -1.38	32.46 1.92 -0.12	34.44 1.79 -7.57	32.37 1.89 -4.25	31.90 1.94 -0.52	31.65 1.79 -0.46	31.19 1.59 -1.85	31.37 1.52 0.00	28.59 1.48 0.00
ASTORIA_GT3_2 24099	37.78 1.89 -1.22	39.22 1.21 -15.42	47.75 0.42 -39.46	31.72 1.38 -4.62	47.18 0.71 -31.18	54.61 1.54 -23.46	50.85 2.67 -3.89	46.37 2.57 -4.18	37.70 1.99 -4.62	45.03 1.90 -13.81	33.42 2.16 0.00	31.30 1.90 0.00	28.41 1.57 -0.72	30.99 1.57 -0.67	31.62 1.75 0.00	35.14 1.87 -1.38	32.46 1.92 -0.12	34.44 1.79 -7.57	32.37 1.89 -4.25	31.90 1.94 -0.52	31.65 1.79 -0.46	31.19 1.59 -1.85	31.37 1.52 0.00	28.59 1.48 0.00
ASTORIA_GT3_3 24100	37.78 1.89 -1.22	39.22 1.21 -15.42	47.75 0.42 -39.46	31.72 1.38 -4.62	47.18 0.71 -31.18	54.61 1.54 -23.46	50.85 2.67 -3.89	46.37 2.57 -4.18	37.70 1.99 -4.62	45.03 1.90 -13.81	33.42 2.16 0.00	31.30 1.90 0.00	28.41 1.57 -0.72	30.99 1.57 -0.67	31.62 1.75 0.00	35.14 1.87 -1.38	32.46 1.92 -0.12	34.44 1.79 -7.57	32.37 1.89 -4.25	31.90 1.94 -0.52	31.65 1.79 -0.46	31.19 1.59 -1.85	31.37 1.52 0.00	28.59 1.48 0.00
ASTORIA_GT3_4 24101	37.78 1.89 -1.22	39.22 1.21 -15.42	47.75 0.42 -39.46	31.72 1.38 -4.62	47.18 0.71 -31.18	54.61 1.54 -23.46	50.85 2.67 -3.89	46.37 2.57 -4.18	37.70 1.99 -4.62	45.03 1.90 -13.81	33.42 2.16 0.00	31.30 1.90 0.00	28.41 1.57 -0.72	30.99 1.57 -0.67	31.62 1.75 0.00	35.14 1.87 -1.38	32.46 1.92 -0.12	34.44 1.79 -7.57	32.37 1.89 -4.25	31.90 1.94 -0.52	31.65 1.79 -0.46	31.19 1.59 -1.85	31.37 1.52 0.00	28.59 1.48 0.00
ASTORIA_GT4_1 24102	37.78 1.89 -1.22	39.22 1.21 -15.42	47.75 0.42 -39.46	31.72 1.38 -4.62	47.18 0.71 -31.18	54.61 1.54 -23.46	50.85 2.67 -3.89	46.37 2.57 -4.18	37.70 1.99 -4.62	45.03 1.90 -13.81	33.42 2.16 0.00	31.30 1.90 0.00	28.41 1.57 -0.72	30.99 1.57 -0.67	31.62 1.75 0.00	35.14 1.87 -1.38	32.46 1.92 -0.12	34.44 1.79 -7.57	32.37 1.89 -4.25	31.90 1.94 -0.52	31.65 1.79 -0.46	31.19 1.59 -1.85	31.37 1.52 0.00	28.59 1.48 0.00
ASTORIA_GT4_2 24103	37.78 1.89 -1.22	39.22 1.21 -15.42	47.75 0.42 -39.46	31.72 1.38 -4.62	47.18 0.71 -31.18	54.61 1.54 -23.46	50.85 2.67 -3.89	46.37 2.57 -4.18	37.70 1.99 -4.62	45.03 1.90 -13.81	33.42 2.16 0.00	31.30 1.90 0.00	28.41 1.57 -0.72	30.99 1.57 -0.67	31.62 1.75 0.00	35.14 1.87 -1.38	32.46 1.92 -0.12	34.44 1.79 -7.57	32.37 1.89 -4.25	31.90 1.94 -0.52	31.65 1.79 -0.46	31.19 1.59 -1.85	31.37 1.52 0.00	28.59 1.48 0.00
ASTORIA_GT4_3 24104	37.78 1.89 -1.22	39.22 1.21 -15.42	47.75 0.42 -39.46	31.72 1.38 -4.62	47.18 0.71 -31.18	54.61 1.54 -23.46	50.85 2.67 -3.89	46.37 2.57 -4.18	37.70 1.99 -4.62	45.03 1.90 -13.81	33.42 2.16 0.00	31.30 1.90 0.00	28.41 1.57 -0.72	30.99 1.57 -0.67	31.62 1.75 0.00	35.14 1.87 -1.38	32.46 1.92 -0.12	34.44 1.79 -7.57	32.37 1.89 -4.25	31.90 1.94 -0.52	31.65 1.79 -0.46	31.19 1.59 -1.85	31.37 1.52 0.00	28.59 1.48 0.00
ASTORIA_GT4_4 24105	37.78 1.89 -1.22	39.22 1.21 -15.42	47.75 0.42 -39.46	31.72 1.38 -4.62	47.18 0.71 -31.18	54.61 1.54 -23.46	50.85 2.67 -3.89	46.37 2.57 -4.18	37.70 1.99 -4.62	45.03 1.90 -13.81	33.42 2.16 0.00	31.30 1.90 0.00	28.41 1.57 -0.72	30.99 1.57 -0.67	31.62 1.75 0.00	35.14 1.87 -1.38	32.46 1.92 -0.12	34.44 1.79 -7.57	32.37 1.89 -4.25	31.90 1.94 -0.52	31.65 1.79 -0.46	31.19 1.59 -1.85	31.37 1.52 0.00	28.59 1.48 0.00
ASTORIA_GT_1 23523	37.86 1.97 -1.22	39.26 1.26 -15.42	47.76 0.43 -39.46	31.76 1.43 -4.62	47.20 0.74 -31.18	54.66 1.60 -23.46	50.95 2.77 -3.89	46.46 2.66 -4.18	37.78 2.06 -4.61	45.10 1.97 -13.81	33.50 2.24 0.00	31.37 1.97 0.00	28.48 1.63 -0.72	31.05 1.64 -0.67	31.68 1.82 0.00	35.20 1.94 -1.38	32.53 1.99 -0.12	34.49 1.84 -7.57	32.43 1.95 -4.25	31.97 2.01 -0.52	31.72 1.86 -0.46	31.25 1.66 -1.85	31.42 1.57 0.00	28.64 1.53 0.00

ASTORIA_GT_10 24110	37.90 2.01 -1.22	39.29 1.28 -15.42	47.77 0.44 -39.46	31.76 1.43 -4.62	47.26 0.80 -31.18	54.72 1.65 -23.46	50.97 2.79 -3.89	46.54 2.75 -4.18	37.86 2.15 -4.62	45.19 2.07 -13.81	33.55 2.28 0.00	31.44 2.04 0.00	28.53 1.69 -0.72	31.19 1.78 -0.67	31.78 1.91 0.00	35.34 2.08 -1.38	32.64 2.11 -0.12	34.46 1.81 -7.57	32.39 1.90 -4.25	31.93 1.97 -0.52	31.70 1.83 -0.46	31.22 1.63 -1.85	31.38 1.54 0.00	28.57 1.46 0.00
ASTORIA_GT_11 24225	37.90 2.01 -1.22	39.29 1.28 -15.42	47.77 0.44 -39.46	31.76 1.43 -4.62	47.26 0.80 -31.18	54.72 1.65 -23.46	50.97 2.79 -3.89	46.54 2.75 -4.18	37.86 2.15 -4.62	45.19 2.07 -13.81	33.55 2.28 0.00	31.44 2.04 0.00	28.53 1.69 -0.72	31.19 1.78 -0.67	31.78 1.91 0.00	35.34 2.08 -1.38	32.64 2.11 -0.12	34.46 1.81 -7.57	32.39 1.90 -4.25	31.93 1.97 -0.52	31.70 1.83 -0.46	31.22 1.63 -1.85	31.38 1.54 0.00	28.57 1.46 0.00
ASTORIA_GT_12 24226	37.90 2.01 -1.22	39.29 1.28 -15.42	47.77 0.44 -39.46	31.76 1.43 -4.62	47.26 0.80 -31.18	54.72 1.65 -23.46	50.97 2.79 -3.89	46.54 2.75 -4.18	37.86 2.15 -4.62	45.19 2.07 -13.81	33.55 2.28 0.00	31.44 2.04 0.00	28.53 1.69 -0.72	31.19 1.78 -0.67	31.78 1.91 0.00	35.34 2.08 -1.38	32.64 2.11 -0.12	34.46 1.81 -7.57	32.39 1.90 -4.25	31.93 1.97 -0.52	31.70 1.83 -0.46	31.22 1.63 -1.85	31.38 1.54 0.00	28.57 1.46 0.00
ASTORIA_GT_13 24227	37.90 2.01 -1.22	39.29 1.28 -15.42	47.77 0.44 -39.46	31.76 1.43 -4.62	47.26 0.80 -31.18	54.72 1.65 -23.46	50.97 2.79 -3.89	46.54 2.75 -4.18	37.86 2.15 -4.62	45.19 2.07 -13.81	33.55 2.28 0.00	31.44 2.04 0.00	28.53 1.69 -0.72	31.19 1.78 -0.67	31.78 1.91 0.00	35.34 2.08 -1.38	32.64 2.11 -0.12	34.46 1.81 -7.57	32.39 1.90 -4.25	31.93 1.97 -0.52	31.70 1.83 -0.46	31.22 1.63 -1.85	31.38 1.54 0.00	28.57 1.46 0.00
ASTORIA_GT_5 24106	37.86 1.97 -1.22	39.26 1.26 -15.42	47.76 0.43 -39.46	31.76 1.43 -4.62	47.20 0.74 -31.18	54.66 1.60 -23.46	50.95 2.77 -3.89	46.46 2.66 -4.18	37.78 2.06 -4.61	45.10 1.97 -13.81	33.50 2.24 0.00	31.37 1.97 0.00	28.48 1.63 -0.72	31.05 1.64 -0.67	31.68 1.82 0.00	35.20 1.94 -1.38	32.53 1.99 -0.12	34.49 1.84 -7.57	32.43 1.95 -4.25	31.97 2.01 -0.52	31.72 1.86 -0.46	31.25 1.66 -1.85	31.42 1.57 0.00	28.64 1.53 0.00
ASTORIA_GT_7 24107	37.86 1.97 -1.22	39.26 1.26 -15.42	47.76 0.43 -39.46	31.76 1.43 -4.62	47.20 0.74 -31.18	54.66 1.60 -23.46	50.95 2.77 -3.89	46.46 2.66 -4.18	37.78 2.06 -4.61	45.10 1.97 -13.81	33.50 2.24 0.00	31.37 1.97 0.00	28.48 1.63 -0.72	31.05 1.64 -0.67	31.68 1.82 0.00	35.20 1.94 -1.38	32.53 1.99 -0.12	34.49 1.84 -7.57	32.43 1.95 -4.25	31.97 2.01 -0.52	31.72 1.86 -0.46	31.25 1.66 -1.85	31.42 1.57 0.00	28.64 1.53 0.00
ASTORIA_GT_8 24108	37.85 1.96 -1.22	39.26 1.25 -15.42	47.76 0.43 -39.46	31.76 1.43 -4.62	47.20 0.74 -31.18	54.66 1.60 -23.46	50.95 2.77 -3.89	46.46 2.66 -4.18	37.78 2.06 -4.62	45.10 1.97 -13.81	33.50 2.24 0.00	31.37 1.97 0.00	28.47 1.63 -0.72	31.05 1.64 -0.67	31.68 1.82 0.00	35.21 1.94 -1.38	32.53 1.99 -0.12	34.50 1.84 -7.57	32.43 1.95 -4.25	31.97 2.01 -0.52	31.72 1.85 -0.46	31.24 1.65 -1.85	31.43 1.58 0.00	28.65 1.54 0.00
ASTORIA___2 24149	37.79 1.90 -1.22	39.22 1.21 -15.42	47.75 0.42 -39.46	31.71 1.38 -4.62	47.18 0.71 -31.18	54.61 1.54 -23.46	50.86 2.68 -3.89	46.37 2.57 -4.18	37.71 1.99 -4.61	45.03 1.90 -13.81	33.42 2.16 0.00	31.30 1.90 0.00	28.42 1.57 -0.72	30.98 1.57 -0.67	31.62 1.75 0.00	35.13 1.87 -1.38	32.46 1.92 -0.12	34.44 1.79 -7.57	32.37 1.88 -4.25	31.90 1.94 -0.52	31.66 1.79 -0.46	31.19 1.60 -1.85	31.36 1.52 0.00	28.59 1.48 0.00
ASTORIA___3 23516	37.91 2.02 -1.22	39.29 1.29 -15.42	47.77 0.44 -39.46	31.76 1.43 -4.62	47.26 0.79 -31.18	54.72 1.65 -23.46	50.97 2.79 -3.89	46.54 2.74 -4.18	37.86 2.15 -4.62	45.19 2.06 -13.81	33.55 2.28 0.00	31.44 2.04 0.00	28.54 1.69 -0.72	31.19 1.78 -0.67	31.78 1.92 0.00	35.34 2.08 -1.38	32.64 2.11 -0.12	34.46 1.81 -7.57	32.39 1.90 -4.25	31.94 1.97 -0.52	31.70 1.84 -0.46	31.22 1.63 -1.85	31.37 1.53 0.00	28.57 1.46 0.00
ASTORIA___4 23517	37.90 2.01 -1.22	39.29 1.28 -15.42	47.77 0.44 -39.46	31.76 1.43 -4.62	47.26 0.80 -31.18	54.72 1.65 -23.46	50.97 2.79 -3.89	46.54 2.75 -4.18	37.86 2.15 -4.62	45.19 2.07 -13.81	33.55 2.28 0.00	31.44 2.04 0.00	28.53 1.69 -0.72	31.19 1.78 -0.67	31.78 1.91 0.00	35.34 2.08 -1.38	32.64 2.11 -0.12	34.46 1.81 -7.57	32.39 1.90 -4.25	31.93 1.97 -0.52	31.70 1.83 -0.46	31.22 1.63 -1.85	31.38 1.54 0.00	28.57 1.46 0.00
ASTORIA___5 23518	37.91 2.02 -1.22	39.29 1.29 -15.42	47.77 0.44 -39.46	31.76 1.43 -4.62	47.26 0.79 -31.18	54.72 1.65 -23.46	50.97 2.79 -3.89	46.54 2.74 -4.18	37.86 2.15 -4.62	45.19 2.06 -13.81	33.55 2.28 0.00	31.44 2.04 0.00	28.54 1.69 -0.72	31.19 1.78 -0.67	31.78 1.92 0.00	35.34 2.08 -1.38	32.64 2.10 -0.12	34.46 1.81 -7.57	32.39 1.90 -4.25	31.93 1.97 -0.52	31.70 1.84 -0.46	31.22 1.63 -1.85	31.37 1.53 0.00	28.57 1.46 0.00
AST_ENERGY_2_CC3 323677	37.84 1.95 -1.22	39.25 1.24 -15.42	47.76 0.43 -39.46	31.72 1.39 -4.62	47.26 0.79 -31.18	54.67 1.60 -23.46	50.90 2.72 -3.89	46.43 2.64 -4.18	37.77 2.05 -4.62	45.12 1.96 -13.84	33.44 2.17 0.00	31.33 1.93 0.00	28.43 1.58 -0.72	31.11 1.69 -0.67	31.69 1.82 0.00	35.24 1.98 -1.39	32.58 2.04 -0.12	34.44 1.79 -7.57	32.35 1.86 -4.25	31.88 1.92 -0.52	31.64 1.77 -0.46	31.19 1.59 -1.85	31.33 1.48 0.00	28.52 1.41 0.00
AST_ENERGY_2_CC4 323678	37.84 1.95 -1.22	39.25 1.24 -15.42	47.76 0.43 -39.46	31.72 1.39 -4.62	47.26 0.79 -31.18	54.67 1.60 -23.46	50.90 2.72 -3.89	46.43 2.64 -4.18	37.77 2.05 -4.62	45.12 1.96 -13.84	33.44 2.17 0.00	31.33 1.93 0.00	28.43 1.58 -0.72	31.11 1.69 -0.67	31.69 1.82 0.00	35.24 1.98 -1.39	32.58 2.04 -0.12	34.44 1.79 -7.57	32.35 1.86 -4.25	31.88 1.92 -0.52	31.64 1.77 -0.46	31.19 1.59 -1.85	31.33 1.48 0.00	28.52 1.41 0.00
ATHENS_STG_1 23668	37.44 1.42 -1.34	40.54 0.92 -17.04	51.79 0.31 -43.61	31.81 1.00 -5.11	50.33 0.59 -34.47	56.73 1.20 -25.93	50.50 1.91 -4.30	45.98 1.74 -4.62	37.54 1.33 -5.10	34.10 1.26 -3.52	32.61 1.34 0.00	30.58 1.18 0.00	27.29 0.98 -0.18	30.01 1.10 -0.17	31.08 1.21 0.00	33.55 1.31 -0.35	31.87 1.32 -0.14	34.58 1.14 -8.37	32.12 1.19 -4.69	31.28 1.27 -0.57	31.09 1.18 -0.51	30.90 1.11 -2.04	30.87 1.03 0.00	28.13 1.02 0.00
ATHENS_STG_2 23670	37.44 1.42 -1.34	40.54 0.92 -17.04	51.79 0.31 -43.61	31.81 1.00 -5.11	50.33 0.59 -34.47	56.73 1.20 -25.93	50.50 1.91 -4.30	45.98 1.74 -4.62	37.54 1.33 -5.10	34.10 1.26 -3.52	32.61 1.34 0.00	30.58 1.18 0.00	27.29 0.98 -0.18	30.01 1.10 -0.17	31.08 1.21 0.00	33.55 1.31 -0.35	31.87 1.32 -0.14	34.58 1.14 -8.37	32.12 1.19 -4.69	31.28 1.27 -0.57	31.09 1.18 -0.51	30.90 1.11 -2.04	30.87 1.03 0.00	28.13 1.02 0.00

ATHENS_STG_3 23677	37.44 1.42 -1.34	40.54 0.92 -17.04	51.79 0.31 -43.61	31.81 1.00 -5.11	50.33 0.59 -34.47	56.73 1.20 -25.93	50.50 1.91 -4.30	45.98 1.74 -4.62	37.54 1.33 -5.10	34.10 1.26 -3.52	32.61 1.34 0.00	30.58 1.18 0.00	27.29 0.98 -0.18	30.01 1.10 -0.17	31.08 1.21 0.00	33.55 1.31 -0.35	31.87 1.32 -0.14	34.58 1.14 -8.37	32.12 1.19 -4.69	31.28 1.27 -0.57	31.09 1.18 -0.51	30.90 1.11 -2.04	30.87 1.03 0.00	28.13 1.02 0.00
AUBURN____LFGE 323710	35.04 0.11 -0.25	25.81 0.04 -3.19	16.05 0.02 -8.16	26.64 -0.03 -0.96	21.72 -0.02 -6.45	34.56 0.11 -4.85	45.08 -0.02 -0.81	40.46 -0.03 -0.88	31.99 -0.09 -0.98	29.10 -0.21 0.00	30.95 -0.31 0.00	29.15 -0.25 0.00	25.91 -0.22 0.00	28.47 -0.27 0.00	29.64 -0.23 0.00	31.77 -0.11 0.00	30.37 -0.07 -0.03	26.69 0.02 -1.59	27.05 -0.08 -0.89	29.49 -0.06 -0.11	29.49 -0.01 -0.10	28.08 -0.05 -0.39	29.78 -0.07 0.00	27.09 -0.02 0.00
BABYLON_RES_REC 323704	89.68 3.07 -51.94	54.13 2.00 -29.55	64.71 0.67 -56.17	32.49 2.16 -4.62	86.68 1.31 -70.09	87.67 2.65 -55.42	106.76 4.00 -58.47	129.72 3.65 -86.45	79.07 2.79 -45.18	45.53 2.47 -13.74	33.71 2.44 0.00	31.40 2.00 0.00	28.57 1.73 -0.72	31.32 1.91 -0.67	31.84 1.98 0.00	39.30 2.45 -4.98	35.65 2.49 -2.74	41.49 2.15 -14.27	35.76 2.39 -7.13	32.45 2.49 -0.52	32.23 2.36 -0.46	33.18 2.24 -3.19	49.41 2.51 -17.05	30.34 2.28 -0.95
BABYLON__69_KV_BK2 356345	90.93 3.51 -52.74	54.50 2.17 -29.74	65.21 0.78 -56.56	32.80 2.47 -4.62	87.37 1.49 -70.59	88.16 2.94 -55.61	108.16 4.77 -59.10	131.77 4.40 -87.75	80.32 3.39 -45.83	46.09 3.03 -13.74	34.28 3.02 0.00	31.91 2.52 0.00	29.08 2.24 -0.72	31.98 2.57 -0.67	32.54 2.67 0.00	40.02 3.23 -4.91	36.38 3.28 -2.69	42.04 2.78 -14.18	36.34 3.02 -7.08	33.15 3.18 -0.52	32.89 3.03 -0.46	33.74 2.83 -3.16	50.10 2.93 -17.32	30.71 2.64 -0.97
BALL_HILL_WT_PWR 323825	33.72 -1.25 -0.30	25.43 -0.92 -3.76	17.16 -0.34 -9.63	25.55 -1.28 -1.13	22.14 -0.76 -7.61	33.94 -1.38 -5.73	42.85 -2.39 -0.95	38.37 -2.27 -1.03	30.34 -1.90 -1.14	27.67 -1.65 0.00	29.52 -1.74 0.00	28.05 -1.35 0.00	24.97 -1.16 0.00	27.26 -1.48 0.00	28.18 -1.69 0.00	30.10 -1.78 0.00	28.51 -1.93 -0.03	25.30 -1.61 -1.83	25.30 -1.98 -1.04	27.41 -2.16 -0.13	27.54 -1.98 -0.11	26.43 -1.77 -0.45	28.45 -1.39 0.00	26.11 -1.00 0.00
BARON_WINDS____WT_PWR 323822	33.56 -1.48 -0.36	26.13 -1.01 -4.55	19.14 -0.36 -11.64	25.71 -1.36 -1.36	23.74 -0.74 -9.20	35.32 -1.21 -6.92	43.59 -1.85 -1.15	38.97 -1.88 -1.24	30.68 -1.80 -1.37	27.62 -1.70 0.00	29.56 -1.71 0.00	28.02 -1.37 0.00	24.81 -1.31 0.00	27.12 -1.62 0.00	28.31 -1.56 0.00	30.36 -1.52 0.00	28.69 -1.76 -0.04	25.66 -1.54 -2.12	25.59 -1.90 -1.26	27.49 -2.11 -0.15	27.60 -1.94 -0.14	26.42 -1.87 -0.55	28.01 -1.83 0.00	25.62 -1.49 0.00
BARRETT_IC_1 23704	92.78 2.66 -55.44	70.00 1.76 -45.66	95.88 0.57 -87.44	32.24 1.82 -4.71	116.97 1.13 -100.55	164.18 2.30 -132.28	165.44 3.65 -117.50	135.08 3.33 -92.13	81.64 2.55 -47.98	45.34 2.27 -13.74	33.58 2.32 0.00	31.35 1.95 0.00	28.62 1.76 -0.74	40.63 2.01 -9.88	31.92 2.06 0.00	38.94 2.43 -4.63	35.51 2.43 -2.66	40.71 2.06 -13.57	35.18 2.17 -6.77	32.21 2.25 -0.52	32.07 2.21 -0.46	32.91 2.02 -3.15	50.16 2.09 -18.23	36.11 1.93 -7.08
BARRETT_IC_10 23701	92.78 2.66 -55.44	70.00 1.76 -45.66	95.88 0.57 -87.44	32.24 1.82 -4.71	116.97 1.13 -100.55	164.18 2.30 -132.28	165.44 3.65 -117.50	135.08 3.33 -92.13	81.64 2.55 -47.98	45.34 2.27 -13.74	33.58 2.32 0.00	31.35 1.95 0.00	28.62 1.76 -0.74	40.63 2.01 -9.88	31.92 2.06 0.00	38.94 2.43 -4.63	35.51 2.43 -2.66	40.71 2.06 -13.57	35.18 2.17 -6.77	32.21 2.25 -0.52	32.07 2.21 -0.46	32.91 2.02 -3.15	50.16 2.09 -18.23	36.11 1.93 -7.08
BARRETT_IC_11 23702	92.78 2.66 -55.44	70.00 1.76 -45.66	95.88 0.57 -87.44	32.24 1.82 -4.71	116.97 1.13 -100.55	164.18 2.30 -132.28	165.44 3.65 -117.50	135.08 3.33 -92.13	81.64 2.55 -47.98	45.34 2.27 -13.74	33.58 2.32 0.00	31.35 1.95 0.00	28.62 1.76 -0.74	40.63 2.01 -9.88	31.92 2.06 0.00	38.94 2.43 -4.63	35.51 2.43 -2.66	40.71 2.06 -13.57	35.18 2.17 -6.77	32.21 2.25 -0.52	32.07 2.21 -0.46	32.91 2.02 -3.15	50.16 2.09 -18.23	36.11 1.93 -7.08
BARRETT_IC_12 23703	92.78 2.66 -55.44	70.00 1.76 -45.66	95.88 0.57 -87.44	32.24 1.82 -4.71	116.97 1.13 -100.55	164.18 2.30 -132.28	165.44 3.65 -117.50	135.08 3.33 -92.13	81.64 2.55 -47.98	45.34 2.27 -13.74	33.58 2.32 0.00	31.35 1.95 0.00	28.62 1.76 -0.74	40.63 2.01 -9.88	31.92 2.06 0.00	38.94 2.43 -4.63	35.51 2.43 -2.66	40.71 2.06 -13.57	35.18 2.17 -6.77	32.21 2.25 -0.52	32.07 2.21 -0.46	32.91 2.02 -3.15	50.16 2.09 -18.23	36.11 1.93 -7.08
BARRETT_IC_2 23705	92.78 2.66 -55.44	70.00 1.76 -45.66	95.88 0.57 -87.44	32.24 1.82 -4.71	116.97 1.13 -100.55	164.18 2.30 -132.28	165.44 3.65 -117.50	135.08 3.33 -92.13	81.64 2.55 -47.98	45.34 2.27 -13.74	33.58 2.32 0.00	31.35 1.95 0.00	28.62 1.76 -0.74	40.63 2.01 -9.88	31.92 2.06 0.00	38.94 2.43 -4.63	35.51 2.43 -2.66	40.71 2.06 -13.57	35.18 2.17 -6.77	32.21 2.25 -0.52	32.07 2.21 -0.46	32.91 2.02 -3.15	50.16 2.09 -18.23	36.11 1.93 -7.08
BARRETT_IC_3 23706	92.78 2.66 -55.44	70.00 1.76 -45.66	95.88 0.57 -87.44	32.24 1.82 -4.71	116.97 1.13 -100.55	164.18 2.30 -132.28	165.44 3.65 -117.50	135.08 3.33 -92.13	81.64 2.55 -47.98	45.34 2.27 -13.74	33.58 2.32 0.00	31.35 1.95 0.00	28.62 1.76 -0.74	40.63 2.01 -9.88	31.92 2.06 0.00	38.94 2.43 -4.63	35.51 2.43 -2.66	40.71 2.06 -13.57	35.18 2.17 -6.77	32.21 2.25 -0.52	32.07 2.21 -0.46	32.91 2.02 -3.15	50.16 2.09 -18.23	36.11 1.93 -7.08
BARRETT_IC_4 23707	92.78 2.66 -55.44	70.00 1.76 -45.66	95.88 0.57 -87.44	32.24 1.82 -4.71	116.97 1.13 -100.55	164.18 2.30 -132.28	165.44 3.65 -117.50	135.08 3.33 -92.13	81.64 2.55 -47.98	45.34 2.27 -13.74	33.58 2.32 0.00	31.35 1.95 0.00	28.62 1.76 -0.74	40.63 2.01 -9.88	31.92 2.06 0.00	38.94 2.43 -4.63	35.51 2.43 -2.66	40.71 2.06 -13.57	35.18 2.17 -6.77	32.21 2.25 -0.52	32.07 2.21 -0.46	32.91 2.02 -3.15	50.16 2.09 -18.23	36.11 1.93 -7.08
BARRETT_IC_5 23708	92.78 2.66 -55.44	70.00 1.76 -45.66	95.88 0.57 -87.44	32.24 1.82 -4.71	116.97 1.13 -100.55	164.18 2.30 -132.28	165.44 3.65 -117.50	135.08 3.33 -92.13	81.64 2.55 -47.98	45.34 2.27 -13.74	33.58 2.32 0.00	31.35 1.95 0.00	28.62 1.76 -0.74	40.63 2.01 -9.88	31.92 2.06 0.00	38.94 2.43 -4.63	35.51 2.43 -2.66	40.71 2.06 -13.57	35.18 2.17 -6.77	32.21 2.25 -0.52	32.07 2.21 -0.46	32.91 2.02 -3.15	50.16 2.09 -18.23	36.11 1.93 -7.08
BARRETT_IC_6 23709	92.78 2.66 -55.44	70.00 1.76 -45.66	95.88 0.57 -87.44	32.24 1.82 -4.71	116.97 1.13 -100.55	164.18 2.30 -132.28	165.44 3.65 -117.50	135.08 3.33 -92.13	81.64 2.55 -47.98	45.34 2.27 -13.74	33.58 2.32 0.00	31.35 1.95 0.00	28.62 1.76 -0.74	40.63 2.01 -9.88	31.92 2.06 0.00	38.94 2.43 -4.63	35.51 2.43 -2.66	40.71 2.06 -13.57	35.18 2.17 -6.77	32.21 2.25 -0.52	32.07 2.21 -0.46	32.91 2.02 -3.15	50.16 2.09 -18.23	36.11 1.93 -7.08

BARRETT_IC_7 23710	92.78 2.66 -55.44	69.89 1.65 -45.65	95.90 0.59 -87.44	32.24 1.83 -4.71	116.96 1.13 -100.55	164.13 2.25 -132.28	165.48 3.70 -117.50	135.15 3.40 -92.13	81.65 2.57 -47.98	45.32 2.26 -13.74	33.58 2.32 0.00	31.34 1.95 0.00	28.63 1.77 -0.74	40.63 2.01 -9.88	31.92 2.06 0.00	38.93 2.42 -4.63	35.51 2.43 -2.66	40.72 2.07 -13.57	35.15 2.14 -6.77	32.20 2.24 -0.52	32.07 2.20 -0.46	32.91 2.02 -3.15	50.15 2.08 -18.23	36.12 1.94 -7.07
BARRETT_IC_8 23711	92.78 2.66 -55.44	70.00 1.76 -45.66	95.88 0.57 -87.44	32.24 1.82 -4.71	116.97 1.13 -100.55	164.18 2.30 -132.28	165.44 3.65 -117.50	135.08 3.33 -92.13	81.64 2.55 -47.98	45.34 2.27 -13.74	33.58 2.32 0.00	31.35 1.95 0.00	28.62 1.76 -0.74	40.63 2.01 -9.88	31.92 2.06 0.00	38.94 2.43 -4.63	35.51 2.43 -2.66	40.71 2.06 -13.57	35.18 2.17 -6.77	32.21 2.25 -0.52	32.07 2.21 -0.46	32.91 2.02 -3.15	50.16 2.09 -18.23	36.11 1.93 -7.08
BARRETT_IC_9 23700	92.78 2.66 -55.44	70.00 1.76 -45.66	95.88 0.57 -87.44	32.24 1.82 -4.71	116.97 1.13 -100.55	164.18 2.30 -132.28	165.44 3.65 -117.50	135.08 3.33 -92.13	81.64 2.55 -47.98	45.34 2.27 -13.74	33.58 2.32 0.00	31.35 1.95 0.00	28.62 1.76 -0.74	40.63 2.01 -9.88	31.92 2.06 0.00	38.94 2.43 -4.63	35.51 2.43 -2.66	40.71 2.06 -13.57	35.18 2.17 -6.77	32.21 2.25 -0.52	32.07 2.21 -0.46	32.91 2.02 -3.15	50.16 2.09 -18.23	36.11 1.93 -7.08
BARRETT___1 23545	92.78 2.66 -55.44	70.00 1.76 -45.66	95.88 0.57 -87.44	32.24 1.82 -4.71	116.97 1.13 -100.55	164.18 2.30 -132.28	165.44 3.65 -117.50	135.08 3.33 -92.13	81.64 2.55 -47.98	45.34 2.27 -13.74	33.58 2.32 0.00	31.35 1.95 0.00	28.62 1.76 -0.74	40.63 2.01 -9.88	31.92 2.06 0.00	38.94 2.43 -4.63	35.51 2.43 -2.66	40.71 2.06 -13.57	35.18 2.17 -6.77	32.21 2.25 -0.52	32.07 2.21 -0.46	32.91 2.02 -3.15	50.16 2.09 -18.23	36.11 1.93 -7.08
BARRETT___2 23546	92.78 2.66 -55.44	70.00 1.76 -45.66	95.88 0.57 -87.44	32.24 1.82 -4.71	116.97 1.13 -100.55	164.18 2.30 -132.28	165.44 3.65 -117.50	135.08 3.33 -92.13	81.64 2.55 -47.98	45.34 2.27 -13.74	33.58 2.32 0.00	31.35 1.95 0.00	28.62 1.76 -0.74	40.63 2.01 -9.88	31.92 2.06 0.00	38.94 2.43 -4.63	35.51 2.43 -2.66	40.71 2.06 -13.57	35.18 2.17 -6.77	32.21 2.25 -0.52	32.07 2.21 -0.46	32.91 2.02 -3.15	50.16 2.09 -18.23	36.11 1.93 -7.08
BATAVIA___115KV_TB1 55881	34.30 -0.65 -0.27	25.44 -0.57 -3.42	16.39 -0.23 -8.75	25.87 -0.86 -1.02	21.67 -0.53 -6.91	33.95 -0.85 -5.20	43.66 -1.49 -0.86	39.15 -1.40 -0.93	30.93 -1.21 -1.04	28.17 -1.15 0.00	29.83 -1.43 0.00	28.23 -1.17 0.00	25.15 -0.97 0.00	27.55 -1.20 0.00	28.51 -1.36 0.00	30.68 -1.20 0.00	29.28 -1.17 -0.03	25.78 -0.98 -1.67	26.01 -1.18 -0.94	28.26 -1.30 -0.11	28.33 -1.17 -0.10	27.12 -1.04 -0.41	29.16 -0.68 0.00	26.71 -0.40 0.00
BAYONEEC___CTG1 323682	37.83 1.95 -1.22	39.25 1.24 -15.42	47.76 0.43 -39.46	31.71 1.38 -4.62	47.25 0.79 -31.18	54.66 1.59 -23.46	50.88 2.70 -3.89	46.41 2.62 -4.18	37.77 2.05 -4.62	45.11 1.96 -13.84	33.44 2.18 0.00	31.34 1.94 0.00	28.43 1.58 -0.72	31.11 1.69 -0.67	31.69 1.82 0.00	35.27 2.00 -1.39	32.58 2.05 -0.12	34.45 1.80 -7.57	32.36 1.88 -4.25	31.89 1.93 -0.52	31.66 1.79 -0.46	31.19 1.60 -1.85	31.34 1.50 0.00	28.54 1.43 0.00
BAYONEEC___CTG10 323750	37.83 1.95 -1.22	39.25 1.24 -15.42	47.76 0.43 -39.46	31.71 1.38 -4.62	47.25 0.79 -31.18	54.66 1.59 -23.46	50.88 2.70 -3.89	46.41 2.62 -4.18	37.77 2.05 -4.62	45.11 1.96 -13.84	33.44 2.18 0.00	31.34 1.94 0.00	28.43 1.58 -0.72	31.11 1.69 -0.67	31.69 1.82 0.00	35.27 2.00 -1.39	32.58 2.05 -0.12	34.45 1.80 -7.57	32.36 1.88 -4.25	31.89 1.93 -0.52	31.66 1.79 -0.46	31.19 1.60 -1.85	31.34 1.50 0.00	28.54 1.43 0.00
BAYONEEC___CTG2 323683	37.83 1.95 -1.22	39.25 1.24 -15.42	47.76 0.43 -39.46	31.71 1.38 -4.62	47.25 0.79 -31.18	54.66 1.59 -23.46	50.88 2.70 -3.89	46.41 2.62 -4.18	37.77 2.05 -4.62	45.11 1.96 -13.84	33.44 2.18 0.00	31.34 1.94 0.00	28.43 1.58 -0.72	31.11 1.69 -0.67	31.69 1.82 0.00	35.27 2.00 -1.39	32.58 2.05 -0.12	34.45 1.80 -7.57	32.36 1.88 -4.25	31.89 1.93 -0.52	31.66 1.79 -0.46	31.19 1.60 -1.85	31.34 1.50 0.00	28.54 1.43 0.00
BAYONEEC___CTG3 323684	37.83 1.95 -1.22	39.25 1.24 -15.42	47.76 0.43 -39.46	31.71 1.38 -4.62	47.25 0.79 -31.18	54.66 1.59 -23.46	50.88 2.70 -3.89	46.41 2.62 -4.18	37.77 2.05 -4.62	45.11 1.96 -13.84	33.44 2.18 0.00	31.34 1.94 0.00	28.43 1.58 -0.72	31.11 1.69 -0.67	31.69 1.82 0.00	35.27 2.00 -1.39	32.58 2.05 -0.12	34.45 1.80 -7.57	32.36 1.88 -4.25	31.89 1.93 -0.52	31.66 1.79 -0.46	31.19 1.60 -1.85	31.34 1.50 0.00	28.54 1.43 0.00
BAYONEEC___CTG4 323685	37.83 1.95 -1.22	39.25 1.24 -15.42	47.76 0.43 -39.46	31.71 1.38 -4.62	47.25 0.79 -31.18	54.66 1.59 -23.46	50.88 2.70 -3.89	46.41 2.62 -4.18	37.77 2.05 -4.62	45.11 1.96 -13.84	33.44 2.18 0.00	31.34 1.94 0.00	28.43 1.58 -0.72	31.11 1.69 -0.67	31.69 1.82 0.00	35.27 2.00 -1.39	32.58 2.05 -0.12	34.45 1.80 -7.57	32.36 1.88 -4.25	31.89 1.93 -0.52	31.66 1.79 -0.46	31.19 1.60 -1.85	31.34 1.50 0.00	28.54 1.43 0.00
BAYONEEC___CTG5 323686	37.83 1.95 -1.22	39.25 1.24 -15.42	47.76 0.43 -39.46	31.71 1.38 -4.62	47.25 0.79 -31.18	54.66 1.59 -23.46	50.88 2.70 -3.89	46.41 2.62 -4.18	37.77 2.05 -4.62	45.11 1.96 -13.84	33.44 2.18 0.00	31.34 1.94 0.00	28.43 1.58 -0.72	31.11 1.69 -0.67	31.69 1.82 0.00	35.27 2.00 -1.39	32.58 2.05 -0.12	34.45 1.80 -7.57	32.36 1.88 -4.25	31.89 1.93 -0.52	31.66 1.79 -0.46	31.19 1.60 -1.85	31.34 1.50 0.00	28.54 1.43 0.00
BAYONEEC___CTG6 323687	37.83 1.95 -1.22	39.25 1.24 -15.42	47.76 0.43 -39.46	31.71 1.38 -4.62	47.25 0.79 -31.18	54.66 1.59 -23.46	50.88 2.70 -3.89	46.41 2.62 -4.18	37.77 2.05 -4.62	45.11 1.96 -13.84	33.44 2.18 0.00	31.34 1.94 0.00	28.43 1.58 -0.72	31.11 1.69 -0.67	31.69 1.82 0.00	35.27 2.00 -1.39	32.58 2.05 -0.12	34.45 1.80 -7.57	32.36 1.88 -4.25	31.89 1.93 -0.52	31.66 1.79 -0.46	31.19 1.60 -1.85	31.34 1.50 0.00	28.54 1.43 0.00
BAYONEEC___CTG7 323688	37.83 1.95 -1.22	39.25 1.24 -15.42	47.76 0.43 -39.46	31.71 1.38 -4.62	47.25 0.79 -31.18	54.66 1.59 -23.46	50.88 2.70 -3.89	46.41 2.62 -4.18	37.77 2.05 -4.62	45.11 1.96 -13.84	33.44 2.18 0.00	31.34 1.94 0.00	28.43 1.58 -0.72	31.11 1.69 -0.67	31.69 1.82 0.00	35.27 2.00 -1.39	32.58 2.05 -0.12	34.45 1.80 -7.57	32.36 1.88 -4.25	31.89 1.93 -0.52	31.66 1.79 -0.46	31.19 1.60 -1.85	31.34 1.50 0.00	28.54 1.43 0.00
BAYONEEC___CTG8 323689	37.83 1.95 -1.22	39.25 1.24 -15.42	47.76 0.43 -39.46	31.71 1.38 -4.62	47.25 0.79 -31.18	54.66 1.59 -23.46	50.88 2.70 -3.89	46.41 2.62 -4.18	37.77 2.05 -4.62	45.11 1.96 -13.84	33.44 2.18 0.00	31.34 1.94 0.00	28.43 1.58 -0.72	31.11 1.69 -0.67	31.69 1.82 0.00	35.27 2.00 -1.39	32.58 2.05 -0.12	34.45 1.80 -7.57	32.36 1.88 -4.25	31.89 1.93 -0.52	31.66 1.79 -0.46	31.19 1.60 -1.85	31.34 1.50 0.00	28.54 1.43 0.00

BAYONEEC___CTG9 323749	37.83 1.95 -1.22	39.25 1.24 -15.42	47.76 0.43 -39.46	31.71 1.38 -4.62	47.25 0.79 -31.18	54.66 1.59 -23.46	50.88 2.70 -3.89	46.41 2.62 -4.18	37.77 2.05 -4.62	45.11 1.96 -13.84	33.44 2.18 0.00	31.34 1.94 0.00	28.43 1.58 -0.72	31.11 1.69 -0.67	31.69 1.82 0.00	35.27 2.00 -1.39	32.58 2.05 -0.12	34.45 1.80 -7.57	32.36 1.88 -4.25	31.89 1.93 -0.52	31.66 1.79 -0.46	31.19 1.60 -1.85	31.34 1.50 0.00	28.54 1.43 0.00
BEACON___LESR 323632	37.93 1.74 -1.51	42.88 1.11 -19.18	57.36 0.39 -49.11	32.62 1.16 -5.75	54.85 0.76 -38.81	60.26 1.46 -29.20	51.41 2.28 -4.84	46.81 2.00 -5.21	38.33 1.48 -5.74	33.69 1.24 -3.13	32.62 1.35 0.00	30.60 1.21 0.00	27.30 1.01 -0.16	30.17 1.27 -0.15	31.30 1.43 0.00	33.72 1.52 -0.31	32.12 1.55 -0.15	35.81 1.31 -9.42	32.93 1.41 -5.28	31.65 1.56 -0.64	31.34 1.36 -0.58	31.36 1.32 -2.30	31.02 1.18 0.00	28.29 1.18 0.00
BEAVER RIVER___HYD 24048	33.48 -1.27 -0.08	22.63 -0.96 -1.00	10.08 -0.34 -2.56	24.90 -1.11 -0.30	16.64 -0.66 -2.02	30.11 -1.01 -1.52	43.47 -1.07 -0.25	39.14 -0.74 -0.27	31.33 -0.06 -0.28	28.90 -0.42 0.00	30.84 -0.43 0.00	30.63 -0.65 -1.88	26.53 -0.64 -1.04	27.90 -0.84 0.00	28.84 -1.03 0.00	31.07 -0.82 0.00	29.57 -0.85 -0.01	26.40 -0.95 -2.27	28.28 -1.04 -3.08	31.20 -1.20 -2.94	31.16 -1.20 -2.96	29.44 -1.25 -2.94	31.32 -1.45 -2.93	28.53 -1.35 -2.77
BEEBEE_GT_13 23619	33.95 -0.97 -0.25	25.07 -0.70 -3.18	15.74 -0.26 -8.13	25.68 -0.98 -0.95	21.13 -0.58 -6.43	33.45 -0.99 -4.84	43.39 -1.70 -0.80	38.97 -1.51 -0.87	30.80 -1.27 -0.96	28.15 -1.17 0.00	29.97 -1.30 0.00	28.31 -1.09 0.00	25.21 -0.92 0.00	27.60 -1.14 0.00	28.63 -1.23 0.00	30.70 -1.18 0.00	29.27 -1.17 -0.03	25.68 -0.97 -1.57	25.96 -1.16 -0.88	28.28 -1.27 -0.11	28.35 -1.15 -0.10	27.10 -1.03 -0.38	29.02 -0.82 0.00	26.49 -0.62 0.00
BENSHRST_27_KV_BENSHRST_1 355998	38.15 2.26 -1.22	39.44 1.44 -15.42	47.82 0.49 -39.46	31.90 1.57 -4.62	47.34 0.88 -31.18	54.82 1.76 -23.46	51.20 3.02 -3.89	46.79 3.00 -4.18	38.06 2.34 -4.62	45.40 2.28 -13.81	33.79 2.53 0.00	31.67 2.27 0.00	28.72 1.87 -0.72	31.41 1.99 -0.67	32.00 2.13 0.00	35.60 2.34 -1.38	32.92 2.38 -0.12	34.76 2.11 -7.57	32.68 2.20 -4.25	32.26 2.30 -0.52	32.02 2.15 -0.46	31.51 1.91 -1.85	31.67 1.83 0.00	28.83 1.72 0.00
BETHLEHEM___GRP 23843	37.32 1.14 -1.51	42.54 0.74 -19.21	57.28 0.25 -49.17	32.28 0.81 -5.76	54.62 0.48 -38.86	59.75 0.91 -29.23	50.47 1.34 -4.85	45.85 1.03 -5.21	37.77 0.92 -5.75	33.21 0.77 -3.13	32.15 0.88 0.00	30.15 0.76 0.00	26.93 0.64 -0.16	29.69 0.79 -0.15	30.79 0.93 0.00	33.15 0.96 -0.31	31.52 0.95 -0.15	35.28 0.77 -9.43	32.39 0.86 -5.29	30.98 0.89 -0.64	30.75 0.77 -0.58	30.81 0.76 -2.30	30.49 0.64 0.00	27.79 0.68 0.00
BETHLEHEM___GS1 323560	37.33 1.14 -1.51	42.54 0.74 -19.21	57.28 0.25 -49.17	32.28 0.81 -5.76	54.62 0.49 -38.86	59.74 0.90 -29.23	50.47 1.34 -4.85	45.85 1.03 -5.21	37.77 0.92 -5.75	33.21 0.77 -3.13	32.15 0.88 0.00	30.15 0.76 0.00	26.92 0.64 -0.16	29.69 0.79 -0.15	30.79 0.93 0.00	33.15 0.96 -0.31	31.52 0.95 -0.15	35.28 0.77 -9.43	32.39 0.86 -5.29	30.98 0.89 -0.64	30.75 0.77 -0.58	30.81 0.76 -2.30	30.48 0.64 0.00	27.80 0.69 0.00
BETHLEHEM___GS2 323561	37.33 1.14 -1.51	42.54 0.74 -19.21	57.28 0.25 -49.17	32.28 0.81 -5.76	54.62 0.49 -38.86	59.74 0.90 -29.23	50.47 1.34 -4.85	45.85 1.03 -5.21	37.77 0.92 -5.75	33.21 0.77 -3.13	32.15 0.88 0.00	30.15 0.76 0.00	26.92 0.64 -0.16	29.69 0.79 -0.15	30.79 0.93 0.00	33.15 0.96 -0.31	31.52 0.95 -0.15	35.28 0.77 -9.43	32.39 0.86 -5.29	30.98 0.89 -0.64	30.75 0.77 -0.58	30.81 0.76 -2.30	30.48 0.64 0.00	27.80 0.69 0.00
BETHLEHEM___GS3 323562	37.33 1.14 -1.51	42.54 0.74 -19.21	57.28 0.25 -49.17	32.28 0.81 -5.76	54.62 0.49 -38.86	59.74 0.90 -29.23	50.47 1.34 -4.85	45.85 1.03 -5.21	37.77 0.92 -5.75	33.21 0.77 -3.13	32.15 0.88 0.00	30.15 0.76 0.00	26.92 0.64 -0.16	29.69 0.79 -0.15	30.79 0.93 0.00	33.15 0.96 -0.31	31.52 0.95 -0.15	35.28 0.77 -9.43	32.39 0.86 -5.29	30.98 0.89 -0.64	30.75 0.77 -0.58	30.81 0.76 -2.30	30.48 0.64 0.00	27.80 0.69 0.00
BETHLEHEM___STEEL 23779	33.72 -1.25 -0.29	25.37 -0.93 -3.71	17.00 -0.35 -9.48	25.50 -1.32 -1.11	21.99 -0.79 -7.49	33.83 -1.41 -5.64	42.76 -2.47 -0.94	38.30 -2.32 -1.01	30.29 -1.93 -1.12	27.67 -1.65 0.00	29.49 -1.78 0.00	27.98 -1.41 0.00	24.94 -1.18 0.00	27.25 -1.49 0.00	28.21 -1.66 0.00	30.15 -1.73 0.00	28.58 -1.87 -0.03	25.25 -1.63 -1.80	25.31 -1.96 -1.02	27.46 -2.11 -0.12	27.58 -1.93 -0.11	26.47 -1.72 -0.45	28.54 -1.30 0.00	26.20 -0.91 0.00
BETHLHEM_115KV_TB1 79974	37.38 1.19 -1.51	42.57 0.78 -19.21	57.28 0.26 -49.16	32.31 0.85 -5.76	54.63 0.50 -38.85	59.80 0.97 -29.23	50.58 1.44 -4.85	45.97 1.15 -5.21	37.84 0.99 -5.75	33.28 0.84 -3.12	32.21 0.95 0.00	30.21 0.82 0.00	26.98 0.69 -0.16	29.73 0.84 -0.15	30.84 0.98 0.00	33.21 1.02 -0.31	31.58 1.01 -0.15	35.35 0.83 -9.43	32.44 0.92 -5.29	31.04 0.95 -0.64	30.81 0.83 -0.58	30.87 0.82 -2.30	30.56 0.72 0.00	27.86 0.75 0.00
BETHPAGE_CC_5 323564	88.09 2.85 -50.57	54.20 1.86 -29.76	64.94 0.63 -56.45	32.34 2.01 -4.62	86.81 1.21 -70.31	89.97 2.42 -57.95	107.71 3.89 -59.54	127.44 3.60 -84.23	77.93 2.74 -44.08	45.53 2.46 -13.74	33.76 2.50 0.00	31.54 2.14 0.00	28.74 1.89 -0.72	31.92 2.19 -0.98	32.10 2.23 0.00	39.70 2.66 -5.16	35.94 2.63 -2.90	41.85 2.24 -14.53	35.89 2.39 -7.26	32.47 2.51 -0.52	32.25 2.39 -0.46	33.23 2.22 -3.27	48.75 2.32 -16.59	30.36 2.11 -1.14
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	33.96 -1.01 -0.29	25.53 -0.78 -3.73	17.11 -0.30 -9.54	25.68 -1.15 -1.12	22.13 -0.69 -7.54	34.04 -1.23 -5.67	43.06 -2.16 -0.94	38.59 -2.04 -1.02	30.50 -1.73 -1.13	27.86 -1.46 0.00	29.70 -1.56 0.00	28.18 -1.21 0.00	25.11 -1.02 0.00	27.44 -1.31 0.00	28.42 -1.44 0.00	30.37 -1.51 0.00	28.79 -1.65 -0.03	25.43 -1.46 -1.81	25.48 -1.79 -1.03	27.68 -1.90 -0.12	27.79 -1.73 -0.11	26.64 -1.55 -0.45	28.73 -1.12 0.00	26.36 -0.75 0.00
BINGHAMTON___COGEN 23790	35.30 0.15 -0.47	28.65 0.06 -6.00	23.24 0.02 -15.36	27.51 0.00 -1.80	27.43 0.01 -12.14	38.80 0.06 -9.13	45.93 0.13 -1.51	41.41 0.16 -1.63	32.92 0.01 -1.81	29.28 -0.03 0.00	31.23 -0.03 0.00	29.45 0.05 0.00	26.14 0.02 0.00	28.69 -0.05 0.00	29.86 -0.01 0.00	31.94 0.06 0.00	30.48 0.02 -0.05	28.13 0.09 -2.96	27.85 -0.05 -1.66	29.60 -0.04 -0.20	29.58 -0.01 -0.18	28.44 -0.03 -0.72	29.80 -0.05 0.00	27.15 0.04 0.00
BIXINCNT_115KV_LOAD 355685	34.77 -0.21 -0.30	26.14 -0.27 -3.82	17.54 -0.11 -9.78	26.28 -0.58 -1.15	22.61 -0.40 -7.73	34.57 -0.85 -5.82	44.05 -1.21 -0.96	39.32 -1.34 -1.04	30.67 -1.59 -1.16	28.04 -1.28 0.00	30.03 -1.24 0.00	28.63 -0.76 0.00	25.33 -0.80 0.00	27.58 -1.16 0.00	28.97 -0.90 0.00	30.67 -1.22 0.00	29.07 -1.38 -0.03	25.73 -1.21 -1.86	25.60 -1.70 -1.05	27.90 -1.68 -0.13	27.87 -1.65 -0.11	26.51 -1.70 -0.46	28.68 -1.16 0.00	26.37 -0.74 0.00

BLACK RIVER___HYD 24047	33.29 -1.49 -0.11	22.80 -1.13 -1.34	10.90 -0.40 -3.43	24.81 -1.30 -0.40	17.21 -0.78 -2.71	30.46 -1.18 -2.04	43.50 -1.12 -0.34	39.20 -0.77 -0.36	31.49 -0.01 -0.39	28.85 -0.46 0.00	30.78 -0.49 0.00	30.07 -0.81 -1.49	26.09 -0.86 -0.82	27.54 -1.20 0.00	28.51 -1.36 0.00	30.80 -1.08 0.00	29.56 -0.86 -0.01	26.23 -0.91 -2.07	27.63 -1.03 -2.43	30.39 -1.15 -2.09	30.35 -1.15 -2.10	28.68 -1.23 -2.16	30.41 -1.49 -2.06	27.63 -1.43 -1.95
BLACKRVR_115KV_TB2 79977	33.29 -1.49 -0.11	22.80 -1.13 -1.34	10.90 -0.40 -3.43	24.81 -1.30 -0.40	17.21 -0.78 -2.71	30.46 -1.18 -2.04	43.50 -1.13 -0.34	39.20 -0.77 -0.36	31.49 -0.01 -0.39	28.85 -0.46 0.00	30.78 -0.49 0.00	30.07 -0.81 -1.49	26.09 -0.86 -0.82	27.55 -1.20 0.00	28.51 -1.36 0.00	30.80 -1.08 0.00	29.56 -0.86 -0.01	26.23 -0.91 -2.07	27.63 -1.03 -2.43	30.39 -1.15 -2.09	30.35 -1.15 -2.10	28.68 -1.23 -2.16	30.41 -1.49 -2.06	27.63 -1.43 -1.95
BLISS_WT_PWR 323608	34.71 -0.27 -0.30	26.11 -0.30 -3.82	17.53 -0.12 -9.78	26.24 -0.61 -1.15	22.56 -0.45 -7.73	34.45 -0.97 -5.82	44.00 -1.26 -0.96	39.21 -1.45 -1.04	30.51 -1.75 -1.16	27.91 -1.41 0.00	29.89 -1.38 0.00	28.53 -0.87 0.00	25.19 -0.93 0.00	27.44 -1.31 0.00	28.90 -0.97 0.00	30.52 -1.36 0.00	28.93 -1.52 -0.03	25.60 -1.34 -1.86	25.45 -1.84 -1.05	27.74 -1.83 -0.13	27.66 -1.85 -0.11	26.26 -1.94 -0.46	28.47 -1.37 0.00	26.20 -0.91 0.00
BLUESTONE___WT_PWR 323821	36.62 1.45 -0.49	29.63 0.84 -6.20	23.99 0.27 -15.86	28.46 0.89 -1.86	28.33 0.52 -12.53	39.97 0.94 -9.43	47.76 1.91 -1.56	43.74 2.45 -1.68	35.03 2.07 -1.86	31.08 1.76 0.00	32.92 1.66 0.00	30.95 1.55 0.00	27.41 1.28 0.00	29.95 1.21 0.00	31.04 1.17 0.00	33.03 1.15 0.00	31.40 0.94 -0.05	28.72 0.58 -3.05	28.50 0.55 -1.71	30.26 0.61 -0.21	29.74 0.15 -0.19	28.64 0.15 -0.75	29.83 -0.01 0.00	27.10 -0.01 0.00
BLUE_CIRC_CHEM_DRP 24182	37.73 1.56 -1.49	42.55 1.02 -18.93	56.67 0.35 -48.46	32.51 1.13 -5.68	54.25 0.68 -38.29	59.75 1.33 -28.81	51.09 2.03 -4.78	46.44 1.69 -5.14	38.11 1.34 -5.67	33.33 1.17 -2.85	32.54 1.28 0.00	30.51 1.11 0.00	27.22 0.95 -0.15	30.01 1.13 -0.14	31.14 1.28 0.00	33.53 1.37 -0.28	31.92 1.36 -0.15	35.49 1.12 -9.30	32.66 1.21 -5.21	31.38 1.30 -0.63	31.16 1.19 -0.57	31.16 1.14 -2.27	30.93 1.08 0.00	28.19 1.08 0.00
BOC_GAS_DRP 24189	37.44 1.25 -1.51	42.58 0.81 -19.18	57.24 0.28 -49.10	32.36 0.90 -5.75	54.61 0.53 -38.80	59.85 1.05 -29.19	50.75 1.62 -4.84	46.22 1.40 -5.20	37.96 1.11 -5.74	33.40 1.00 -3.08	32.36 1.10 0.00	30.36 0.96 0.00	27.09 0.80 -0.16	29.82 0.93 -0.15	30.92 1.05 0.00	33.31 1.12 -0.31	31.68 1.12 -0.15	35.43 0.93 -9.42	32.51 0.99 -5.28	31.14 1.05 -0.64	30.93 0.95 -0.58	30.97 0.92 -2.30	30.69 0.85 0.00	27.97 0.86 0.00
BOONVILLE_115KV_TB1 79983	34.80 0.05 -0.07	23.47 -0.04 -0.92	10.21 -0.02 -2.36	25.92 -0.06 -0.28	17.12 -0.03 -1.87	31.13 0.12 -1.40	45.01 0.49 -0.23	40.44 0.59 -0.24	32.02 0.67 -0.24	29.71 0.39 0.00	31.67 0.40 0.00	30.37 0.22 -0.75	26.70 0.15 -0.42	28.85 0.11 0.00	29.96 0.09 0.00	32.15 0.27 0.00	30.63 0.21 -0.01	26.33 0.10 -1.15	27.66 0.07 -1.36	30.66 0.04 -1.18	30.60 0.02 -1.18	28.93 -0.04 -1.22	30.86 -0.14 -1.16	28.07 -0.13 -1.09
BORALEX_4TH_BRANCH 23824	38.60 2.43 -1.50	43.31 1.66 -19.06	57.23 0.59 -48.78	33.35 1.92 -5.71	54.94 1.11 -38.55	60.75 2.14 -29.00	52.24 3.14 -4.81	47.54 2.76 -5.17	38.88 2.08 -5.70	34.65 1.92 -3.41	33.37 2.10 0.00	31.26 1.86 0.00	27.91 1.60 -0.18	30.84 1.93 -0.17	31.97 2.10 0.00	34.44 2.22 -0.34	32.70 2.13 -0.15	36.17 1.74 -9.36	33.31 1.83 -5.24	32.02 1.94 -0.64	31.74 1.77 -0.57	31.84 1.81 -2.29	31.57 1.73 0.00	28.90 1.79 0.00
BOWLINE___1 23526	37.35 1.50 -1.18	38.50 0.95 -14.96	46.48 0.32 -38.29	31.27 1.08 -4.48	46.15 0.61 -30.26	53.64 1.27 -22.77	50.23 2.17 -3.78	45.73 2.05 -4.06	37.13 1.55 -4.48	7.23 1.43 23.52	32.86 1.59 0.00	30.81 1.42 0.00	26.03 1.13 1.23	28.81 1.21 1.14	31.17 1.30 0.00	30.95 1.43 2.36	32.03 1.50 -0.12	33.81 1.38 -7.35	31.80 1.44 -4.12	31.41 1.46 -0.50	31.21 1.36 -0.45	30.76 1.22 -1.80	31.00 1.16 0.00	28.23 1.12 0.00
BOWLINE___2 23595	37.37 1.52 -1.18	38.52 0.97 -14.96	46.49 0.33 -38.29	31.29 1.09 -4.48	46.15 0.61 -30.26	53.67 1.30 -22.77	50.27 2.21 -3.78	45.76 2.09 -4.06	37.16 1.57 -4.48	7.77 1.45 23.00	32.88 1.61 0.00	30.83 1.43 0.00	26.08 1.15 1.20	28.85 1.23 1.12	31.17 1.31 0.00	31.02 1.45 2.30	32.05 1.52 -0.12	33.84 1.40 -7.35	31.81 1.45 -4.12	31.43 1.48 -0.50	31.22 1.37 -0.45	30.78 1.24 -1.80	31.01 1.17 0.00	28.24 1.13 0.00
BRADY___115KV_TB2 356060	35.01 0.33 0.00	22.80 0.21 0.00	7.94 0.07 0.00	25.98 0.28 0.00	15.42 0.14 0.00	29.90 0.30 0.00	44.66 0.37 0.00	40.02 0.40 0.00	31.59 0.49 0.00	29.84 0.52 0.00	31.73 0.47 0.00	31.61 0.54 -1.67	27.54 0.49 -0.93	29.30 0.56 0.00	30.29 0.42 0.00	32.32 0.44 0.00	30.69 0.28 0.00	27.13 0.10 -1.95	29.65 0.13 -3.27	33.04 0.16 -3.44	33.04 0.18 -3.47	31.24 0.14 -3.35	33.49 0.19 -3.46	30.37 -0.01 -3.27
BRANSCOMB___SOLAR 323811	38.05 1.84 -1.55	43.38 1.18 -19.61	58.46 0.40 -50.20	32.86 1.28 -5.88	55.73 0.78 -39.67	61.10 1.65 -29.85	51.87 2.63 -4.95	47.23 2.29 -5.32	38.69 1.72 -5.87	33.82 1.44 -3.07	32.74 1.48 0.00	30.66 1.26 0.00	27.37 1.08 -0.16	30.22 1.33 -0.15	31.45 1.58 0.00	33.90 1.72 -0.31	32.36 1.79 -0.16	36.23 1.51 -9.63	33.21 1.57 -5.40	31.78 1.67 -0.66	31.51 1.52 -0.59	31.56 1.46 -2.35	31.21 1.36 0.00	28.49 1.38 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	91.71 3.39 -53.65	54.06 2.10 -29.37	64.63 0.76 -56.01	32.72 2.40 -4.62	86.71 1.46 -69.97	85.07 2.81 -52.65	106.34 4.60 -57.45	133.07 4.24 -89.22	80.98 3.34 -46.55	46.06 3.00 -13.74	34.25 2.98 0.00	31.85 2.46 0.00	29.06 2.22 -0.72	31.61 2.55 -0.32	32.51 2.64 0.00	39.81 3.19 -4.74	36.17 3.22 -2.54	41.71 2.70 -13.93	36.13 2.94 -6.95	33.06 3.09 -0.52	32.80 2.94 -0.46	33.57 2.74 -3.09	50.30 2.83 -17.63	30.40 2.54 -0.75
BRISTLHL_115KV_TB1 79998	34.18 -0.69 -0.20	24.60 -0.47 -2.48	14.05 -0.17 -6.35	25.85 -0.60 -0.74	19.94 -0.36 -5.02	32.72 -0.66 -3.77	43.94 -0.97 -0.63	39.47 -0.82 -0.68	31.19 -0.68 -0.77	28.63 -0.69 0.00	30.49 -0.77 0.00	28.68 -0.71 0.00	25.49 -0.64 0.00	28.01 -0.73 0.00	29.15 -0.71 0.00	31.19 -0.69 0.00	29.82 -0.61 -0.02	25.86 -0.45 -1.24	26.39 -0.54 -0.69	28.99 -0.54 -0.08	29.01 -0.47 -0.07	27.57 -0.47 -0.30	29.31 -0.54 0.00	26.65 -0.46 0.00
BROOKHAVEN___DRP 24191	92.13 3.46 -54.00	54.04 2.13 -29.32	64.58 0.76 -55.95	32.76 2.43 -4.62	86.68 1.47 -69.92	84.57 2.95 -52.02	106.29 4.81 -57.19	133.87 4.46 -89.79	81.30 3.37 -46.83	46.07 3.01 -13.74	34.21 2.94 0.00	31.79 2.39 0.00	29.02 2.18 -0.72	31.48 2.50 -0.24	32.50 2.63 0.00	39.82 3.25 -4.69	36.20 3.29 -2.50	41.70 2.76 -13.86	36.18 3.02 -6.91	33.14 3.17 -0.52	32.87 3.00 -0.46	33.60 2.79 -3.06	50.49 2.89 -17.75	30.40 2.59 -0.70

BROOKLYN_NAVY_YARD 23515	37.81 1.92 -1.22	39.23 1.22 -15.42	47.75 0.42 -39.46	31.70 1.37 -4.62	47.23 0.77 -31.18	54.63 1.57 -23.46	50.85 2.67 -3.89	46.38 2.58 -4.18	37.73 2.02 -4.62	45.08 1.92 -13.84	33.39 2.13 0.00	31.31 1.91 0.00	28.40 1.55 -0.72	31.07 1.66 -0.67	31.65 1.78 0.00	35.21 1.94 -1.39	32.55 2.01 -0.12	34.44 1.79 -7.57	32.33 1.85 -4.25	31.87 1.91 -0.52	31.63 1.76 -0.46	31.16 1.56 -1.85	31.30 1.46 0.00	28.49 1.37 0.00
BROOKLYN___ARMY_DRP 323595	37.98 2.09 -1.22	39.33 1.33 -15.42	47.78 0.45 -39.46	31.78 1.45 -4.62	47.28 0.81 -31.18	54.69 1.63 -23.46	50.98 2.81 -3.89	46.58 2.79 -4.18	37.90 2.18 -4.62	45.24 2.11 -13.81	33.62 2.36 0.00	31.52 2.12 0.00	28.58 1.73 -0.72	31.25 1.84 -0.67	31.84 1.97 0.00	35.42 2.16 -1.38	32.75 2.21 -0.12	34.62 1.96 -7.57	32.53 2.05 -4.25	32.09 2.12 -0.52	31.85 1.98 -0.46	31.36 1.76 -1.85	31.52 1.67 0.00	28.69 1.58 0.00
BROOKVLE_69_KV_TB1 55790	77.91 2.65 -40.58	52.91 1.66 -28.66	61.84 0.59 -53.39	32.22 1.88 -4.63	83.41 1.11 -67.01	95.19 2.24 -63.36	105.44 3.65 -57.50	111.05 3.40 -68.03	69.82 2.62 -36.10	45.48 2.42 -13.74	33.81 2.54 0.00	31.61 2.22 0.00	28.77 1.93 -0.72	32.67 2.18 -1.75	32.11 2.25 0.00	40.91 2.55 -6.48	36.96 2.54 -4.01	43.71 2.17 -16.46	36.77 2.28 -8.25	32.36 2.40 -0.52	32.14 2.28 -0.46	33.66 2.08 -3.84	45.21 2.12 -13.24	30.56 1.96 -1.49
BROOME_2_LFGE 323671	35.29 0.15 -0.47	28.65 0.06 -6.00	23.24 0.02 -15.36	27.50 0.00 -1.80	27.43 0.01 -12.14	38.79 0.06 -9.13	45.93 0.13 -1.51	41.40 0.15 -1.63	32.92 0.01 -1.81	29.28 -0.03 0.00	31.23 -0.03 0.00	29.45 0.05 0.00	26.14 0.02 0.00	28.69 -0.05 0.00	29.86 -0.01 0.00	31.93 0.05 0.00	30.48 0.02 -0.05	28.12 0.09 -2.96	27.85 -0.05 -1.66	29.60 -0.05 -0.20	29.57 -0.01 -0.18	28.43 -0.03 -0.72	29.80 -0.04 0.00	27.15 0.04 0.00
BROOME___LFGE 323600	35.29 0.15 -0.47	28.65 0.06 -6.00	23.24 0.02 -15.36	27.50 0.00 -1.80	27.43 0.01 -12.14	38.79 0.06 -9.13	45.93 0.13 -1.51	41.40 0.15 -1.63	32.92 0.01 -1.81	29.28 -0.03 0.00	31.23 -0.03 0.00	29.45 0.05 0.00	26.14 0.02 0.00	28.69 -0.05 0.00	29.86 -0.01 0.00	31.93 0.05 0.00	30.48 0.02 -0.05	28.12 0.09 -2.96	27.85 -0.05 -1.66	29.60 -0.05 -0.20	29.57 -0.01 -0.18	28.43 -0.03 -0.72	29.80 -0.04 0.00	27.15 0.04 0.00
BROWNFLS_115KV_TB_3_5 80003	33.73 -1.00 -0.06	22.57 -0.72 -0.70	9.41 -0.26 -1.79	25.09 -0.82 -0.21	16.18 -0.52 -1.42	29.83 -0.84 -1.07	43.37 -1.10 -0.18	38.98 -0.82 -0.19	31.08 -0.22 -0.20	28.90 -0.41 0.00	30.80 -0.46 0.00	32.03 -0.54 -3.17	27.38 -0.51 -1.76	28.13 -0.61 0.00	29.11 -0.76 0.00	31.21 -0.67 0.00	29.58 -0.84 -0.01	27.47 -0.95 -3.34	30.33 -1.00 -5.10	33.51 -1.14 -5.19	33.50 -1.14 -5.23	31.68 -1.16 -5.09	33.77 -1.29 -5.22	30.83 -1.21 -4.93
BROWNSV1_27_KV_LOAD 356125	38.21 2.32 -1.22	39.49 1.48 -15.42	47.84 0.51 -39.46	31.97 1.65 -4.62	47.41 0.94 -31.18	54.98 1.91 -23.46	51.41 3.23 -3.89	46.92 3.12 -4.18	38.16 2.44 -4.62	45.47 2.32 -13.84	33.82 2.55 0.00	31.69 2.29 0.00	28.74 1.90 -0.72	31.45 2.04 -0.67	32.04 2.18 0.00	35.65 2.38 -1.39	32.97 2.43 -0.12	34.76 2.11 -7.57	32.68 2.20 -4.25	32.26 2.30 -0.52	32.01 2.14 -0.46	31.52 1.93 -1.85	31.69 1.85 0.00	28.83 1.72 0.00
BURROWS___LYONSDAL 23803	34.41 -0.34 -0.07	23.22 -0.31 -0.94	10.15 -0.11 -2.40	25.62 -0.37 -0.28	16.96 -0.22 -1.89	30.82 -0.21 -1.43	44.56 0.04 -0.24	40.08 0.22 -0.24	31.83 0.48 -0.25	29.47 0.15 0.00	31.43 0.17 0.00	30.35 -0.02 -0.98	26.61 -0.05 -0.54	28.61 -0.13 0.00	29.65 -0.22 0.00	31.85 -0.03 0.00	30.32 -0.10 -0.01	26.24 -0.22 -1.37	27.67 -0.27 -1.70	30.64 -0.33 -1.52	30.59 -0.35 -1.53	28.90 -0.41 -1.56	30.81 -0.53 -1.50	28.04 -0.49 -1.42
CAITHNESS_CC_1 323624	92.03 3.35 -54.01	54.08 2.17 -29.32	64.54 0.73 -55.94	32.67 2.35 -4.62	86.64 1.43 -69.92	84.53 2.92 -52.00	106.12 4.64 -57.19	133.72 4.30 -89.81	81.21 3.27 -46.84	45.98 2.92 -13.74	34.13 2.87 0.00	31.73 2.33 0.00	28.96 2.12 -0.72	31.41 2.43 -0.24	32.41 2.55 0.00	39.71 3.14 -4.69	36.08 3.18 -2.50	41.61 2.67 -13.86	36.06 2.90 -6.91	33.02 3.06 -0.52	32.76 2.90 -0.46	33.50 2.69 -3.06	50.38 2.78 -17.76	30.31 2.51 -0.70
CALPINE BETH_PAGE_GT4 24209	86.43 2.74 -49.01	54.22 1.69 -29.93	65.12 0.61 -56.64	32.27 1.94 -4.63	86.89 1.16 -70.45	92.37 2.23 -60.54	108.51 3.69 -60.53	124.74 3.43 -81.70	76.55 2.60 -42.84	45.40 2.33 -13.74	33.63 2.37 0.00	31.48 2.08 0.00	28.68 1.83 -0.72	32.18 2.12 -1.31	32.03 2.16 0.00	39.82 2.57 -5.37	35.99 2.49 -3.08	42.04 2.12 -14.84	35.93 2.28 -7.42	32.34 2.38 -0.52	32.13 2.26 -0.46	33.21 2.10 -3.36	48.15 2.23 -16.07	30.47 2.02 -1.34
CALPINE_BETH_PAGE_GT_4 323586	86.43 2.75 -49.01	54.32 1.80 -29.94	65.11 0.60 -56.64	32.27 1.93 -4.63	86.90 1.16 -70.45	92.43 2.28 -60.54	108.51 3.69 -60.53	124.72 3.41 -81.70	76.55 2.60 -42.84	45.39 2.33 -13.74	33.63 2.37 0.00	31.48 2.08 0.00	28.68 1.83 -0.72	32.18 2.12 -1.31	32.03 2.16 0.00	39.82 2.57 -5.37	35.99 2.49 -3.08	42.05 2.13 -14.84	35.93 2.27 -7.42	32.34 2.38 -0.52	32.13 2.27 -0.46	33.21 2.10 -3.36	48.14 2.22 -16.07	30.47 2.03 -1.34
CALPINE_BP_GT1 23823	86.43 2.75 -49.01	54.32 1.80 -29.94	65.11 0.60 -56.64	32.27 1.93 -4.63	86.90 1.16 -70.45	92.43 2.28 -60.54	108.51 3.69 -60.53	124.72 3.41 -81.70	76.55 2.60 -42.84	45.39 2.33 -13.74	33.63 2.37 0.00	31.48 2.08 0.00	28.68 1.83 -0.72	32.18 2.12 -1.31	32.03 2.16 0.00	39.82 2.57 -5.37	35.99 2.49 -3.08	42.05 2.13 -14.84	35.93 2.27 -7.42	32.34 2.38 -0.52	32.13 2.27 -0.46	33.21 2.10 -3.36	48.14 2.22 -16.07	30.47 2.03 -1.34
CALSPAN___DRP 24200	33.72 -1.25 -0.29	25.37 -0.93 -3.71	17.00 -0.35 -9.48	25.50 -1.32 -1.11	21.99 -0.79 -7.49	33.83 -1.41 -5.64	42.76 -2.47 -0.94	38.30 -2.32 -1.01	30.29 -1.93 -1.12	27.67 -1.65 0.00	29.49 -1.78 0.00	27.98 -1.41 0.00	24.94 -1.18 0.00	27.25 -1.49 0.00	28.21 -1.66 0.00	30.15 -1.73 0.00	28.58 -1.87 -0.03	25.25 -1.63 -1.80	25.31 -1.96 -1.02	27.46 -2.11 -0.12	27.58 -1.93 -0.11	26.47 -1.72 -0.45	28.54 -1.30 0.00	26.20 -0.91 0.00
CALVERTON___SOLAR 323806	92.27 3.60 -54.00	54.24 2.33 -29.32	64.60 0.78 -55.95	32.85 2.52 -4.62	86.75 1.54 -69.92	84.77 3.14 -52.02	106.47 4.99 -57.19	134.03 4.63 -89.79	81.42 3.49 -46.83	46.17 3.11 -13.74	34.30 3.04 0.00	31.87 2.47 0.00	29.08 2.24 -0.72	31.55 2.58 -0.24	32.59 2.72 0.00	39.94 3.37 -4.69	36.33 3.42 -2.50	41.83 2.89 -13.86	36.29 3.13 -6.92	33.27 3.31 -0.52	33.00 3.14 -0.46	33.72 2.91 -3.06	50.60 3.00 -17.75	30.50 2.69 -0.70
CANDIGU_WT_PWR 323617	33.56 -1.48 -0.36	26.13 -1.01 -4.55	19.14 -0.36 -11.64	25.71 -1.36 -1.36	23.74 -0.74 -9.20	35.32 -1.21 -6.92	43.59 -1.85 -1.15	38.97 -1.88 -1.24	30.68 -1.80 -1.37	27.62 -1.70 0.00	29.56 -1.71 0.00	28.02 -1.37 0.00	24.81 -1.31 0.00	27.12 -1.62 0.00	28.31 -1.56 0.00	30.36 -1.52 0.00	28.69 -1.76 -0.04	25.66 -1.54 -2.12	25.59 -1.90 -1.26	27.49 -2.11 -0.15	27.60 -1.94 -0.14	26.42 -1.87 -0.55	28.01 -1.83 0.00	25.62 -1.49 0.00

CARR STREET_E__SYR 24060	34.47 -0.41 -0.21	24.96 -0.28 -2.66	14.57 -0.10 -6.81	26.10 -0.40 -0.80	20.42 -0.24 -5.38	33.23 -0.42 -4.05	44.34 -0.62 -0.67	39.80 -0.54 -0.73	31.44 -0.49 -0.83	28.82 -0.50 0.00	30.71 -0.56 0.00	28.90 -0.50 0.00	25.68 -0.45 0.00	28.21 -0.53 0.00	29.37 -0.50 0.00	31.43 -0.45 0.00	30.03 -0.40 -0.02	26.12 -0.28 -1.32	26.60 -0.37 -0.74	29.16 -0.38 -0.09	29.17 -0.31 -0.08	27.75 -0.32 -0.32	29.49 -0.35 0.00	26.84 -0.27 0.00
CARTHAGE__PAPER 23857	33.64 -1.13 -0.09	22.91 -0.88 -1.21	10.64 -0.31 -3.09	25.04 -1.03 -0.36	17.11 -0.62 -2.44	30.56 -0.88 -1.84	43.84 -0.76 -0.31	39.49 -0.45 -0.33	31.66 0.20 -0.35	29.10 -0.22 0.00	31.05 -0.22 0.00	30.51 -0.53 -1.64	26.44 -0.59 -0.91	27.89 -0.85 0.00	28.86 -1.00 0.00	31.17 -0.71 0.00	29.79 -0.63 -0.01	26.48 -0.74 -2.14	28.08 -0.84 -2.68	30.92 -0.95 -2.42	30.87 -0.96 -2.44	29.17 -1.04 -2.46	30.97 -1.27 -2.40	28.17 -1.20 -2.26
CASSADAGA_WT_PWR 323784	33.90 -1.07 -0.30	25.53 -0.87 -3.81	17.30 -0.33 -9.76	25.62 -1.24 -1.14	22.24 -0.76 -7.71	34.15 -1.26 -5.80	42.99 -2.27 -0.96	38.37 -2.28 -1.04	30.46 -1.80 -1.15	27.79 -1.53 0.00	29.58 -1.68 0.00	28.14 -1.25 0.00	25.15 -0.98 0.00	27.36 -1.38 0.00	28.09 -1.78 0.00	30.10 -1.78 0.00	28.37 -2.07 -0.03	25.18 -1.75 -1.86	25.21 -2.08 -1.05	27.30 -2.28 -0.13	27.37 -2.15 -0.11	26.35 -1.86 -0.46	28.26 -1.58 0.00	25.89 -1.22 0.00
CE_DUNWOOD__DRP 24194	37.77 1.89 -1.21	39.17 1.20 -15.39	47.66 0.41 -39.38	31.65 1.33 -4.61	47.17 0.77 -31.12	54.60 1.58 -23.42	50.84 2.67 -3.88	46.32 2.54 -4.17	37.65 1.94 -4.61	45.96 1.82 -14.82	33.25 1.99 0.00	31.16 1.76 0.00	28.34 1.45 -0.77	31.02 1.56 -0.72	31.55 1.69 0.00	35.21 1.85 -1.48	32.43 1.90 -0.12	34.32 1.68 -7.55	32.23 1.76 -4.24	31.78 1.81 -0.51	31.56 1.70 -0.46	31.13 1.54 -1.85	31.31 1.47 0.00	28.50 1.39 0.00
CE_MILLWOOD__DRP 24193	37.69 1.80 -1.21	39.07 1.15 -15.33	47.50 0.40 -39.24	31.59 1.29 -4.60	47.03 0.74 -31.01	54.46 1.53 -23.33	50.73 2.57 -3.87	46.21 2.44 -4.16	37.56 1.87 -4.59	46.61 1.75 -15.54	33.16 1.90 0.00	31.08 1.68 0.00	28.31 1.37 -0.81	30.99 1.49 -0.75	31.47 1.60 0.00	35.19 1.76 -1.56	32.34 1.81 -0.12	34.22 1.61 -7.53	32.14 1.68 -4.22	31.70 1.74 -0.51	31.48 1.62 -0.46	31.06 1.47 -1.84	31.24 1.40 0.00	28.45 1.34 0.00
CE_NYC2_DRP 24202	37.92 2.03 -1.22	39.29 1.29 -15.42	47.77 0.44 -39.46	31.77 1.44 -4.62	47.27 0.80 -31.18	54.72 1.66 -23.46	50.99 2.81 -3.89	46.56 2.76 -4.18	37.87 2.16 -4.62	45.20 2.07 -13.81	33.56 2.30 0.00	31.45 2.06 0.00	28.54 1.70 -0.72	31.20 1.79 -0.67	31.79 1.93 0.00	35.36 2.10 -1.38	32.67 2.13 -0.12	34.50 1.84 -7.57	32.41 1.93 -4.25	31.96 2.00 -0.52	31.72 1.86 -0.46	31.25 1.65 -1.85	31.41 1.57 0.00	28.59 1.48 0.00
CE_NYC_DRP 24195	37.86 1.98 -1.22	39.27 1.26 -15.42	47.77 0.44 -39.46	31.74 1.41 -4.62	47.27 0.81 -31.18	54.70 1.63 -23.46	50.95 2.78 -3.89	46.48 2.69 -4.18	37.82 2.11 -4.62	45.18 2.01 -13.84	33.49 2.23 0.00	31.40 2.00 0.00	28.48 1.63 -0.72	31.17 1.75 -0.67	31.74 1.88 0.00	35.32 2.05 -1.39	32.64 2.11 -0.12	34.50 1.85 -7.57	32.40 1.91 -4.25	31.94 1.97 -0.52	31.69 1.83 -0.46	31.23 1.64 -1.85	31.38 1.54 0.00	28.56 1.46 0.00
CHAFFEE__LFGE 323603	33.81 -1.16 -0.30	25.48 -0.87 -3.76	17.17 -0.33 -9.63	25.59 -1.25 -1.13	22.15 -0.74 -7.61	33.99 -1.34 -5.73	42.93 -2.31 -0.95	38.49 -2.15 -1.03	30.47 -1.77 -1.14	27.82 -1.50 0.00	29.64 -1.63 0.00	28.10 -1.29 0.00	25.04 -1.08 0.00	27.34 -1.40 0.00	28.31 -1.56 0.00	30.25 -1.63 0.00	28.70 -1.74 -0.03	25.40 -1.51 -1.83	25.48 -1.80 -1.04	27.63 -1.95 -0.13	27.73 -1.79 -0.11	26.60 -1.60 -0.45	28.66 -1.19 0.00	26.28 -0.83 0.00
CHATEAUG_35_KV_LOAD 355732	33.94 -0.73 0.00	22.17 -0.42 0.00	7.71 -0.16 0.00	25.20 -0.50 0.00	14.97 -0.31 0.00	29.03 -0.58 0.00	43.24 -1.05 0.00	38.63 -0.98 0.00	30.49 -0.61 0.00	28.76 -0.56 0.00	30.75 -0.52 0.00	-1.65 -0.78 30.26	8.69 -0.69 16.75	28.41 -0.33 0.00	29.83 -0.03 0.00	31.50 -0.38 0.00	30.03 -0.38 0.00	-5.52 -0.87 29.72	-24.59 -0.91 49.92	-24.82 -0.99 53.27	-25.29 -1.00 53.69	-24.70 -0.97 51.47	-24.85 -0.94 53.75	-24.65 -0.98 50.78
CHATEAUG_WT_PWR 323614	33.76 -0.91 0.00	22.07 -0.52 0.00	7.67 -0.20 0.00	25.09 -0.61 0.00	14.92 -0.36 0.00	28.91 -0.70 0.00	43.05 -1.24 0.00	38.45 -1.17 0.00	30.36 -0.74 0.00	28.62 -0.70 0.00	30.57 -0.70 0.00	0.39 -0.98 28.03	9.79 -0.83 15.51	28.24 -0.50 0.00	29.73 -0.14 0.00	31.38 -0.50 0.00	29.91 -0.50 0.00	-3.47 -1.03 27.53	-21.14 -1.15 46.24	-21.19 -1.29 49.34	-21.60 -1.28 49.73	-21.13 -1.20 47.67	-21.14 -1.20 49.79	-21.11 -1.19 47.03
CHAT_HIGH_FALL_HYD 323578	33.94 -0.73 0.00	22.16 -0.42 0.00	7.71 -0.16 0.00	25.20 -0.50 0.00	14.97 -0.31 0.00	29.03 -0.58 0.00	43.24 -1.05 0.00	38.64 -0.98 0.00	30.49 -0.61 0.00	28.76 -0.56 0.00	30.75 -0.52 0.00	-1.65 -0.78 30.26	8.69 -0.69 16.75	28.41 -0.33 0.00	29.83 -0.03 0.00	31.50 -0.38 0.00	30.03 -0.38 0.00	-5.52 -0.87 29.72	-24.59 -0.91 49.92	-24.82 -0.99 53.27	-25.29 -1.00 53.69	-24.70 -0.97 51.47	-24.85 -0.95 53.75	-24.65 -0.98 50.78
CHAUTAUQUA__LFGE 323629	33.80 -1.17 -0.30	25.48 -0.89 -3.79	17.22 -0.33 -9.69	25.58 -1.26 -1.13	22.19 -0.75 -7.66	34.07 -1.30 -5.76	43.02 -2.22 -0.96	38.49 -2.15 -1.03	30.49 -1.76 -1.15	27.76 -1.56 0.00	29.59 -1.68 0.00	28.12 -1.28 0.00	25.05 -1.08 0.00	27.34 -1.41 0.00	28.19 -1.67 0.00	30.15 -1.73 0.00	28.56 -1.88 -0.03	25.37 -1.55 -1.84	25.39 -1.90 -1.04	27.51 -2.07 -0.13	27.59 -1.92 -0.11	26.49 -1.71 -0.45	28.47 -1.38 0.00	26.11 -1.00 0.00
CHERRYST_13_KV_LD 356241	37.96 2.07 -1.22	39.33 1.32 -15.42	47.78 0.46 -39.46	31.80 1.47 -4.62	47.31 0.84 -31.18	54.78 1.71 -23.46	51.09 2.91 -3.89	46.61 2.82 -4.18	37.92 2.20 -4.62	45.27 2.11 -13.84	33.60 2.34 0.00	31.50 2.10 0.00	28.57 1.72 -0.72	31.27 1.86 -0.67	31.85 1.99 0.00	35.43 2.16 -1.39	32.75 2.22 -0.12	34.58 1.93 -7.57	32.48 2.00 -4.25	32.02 2.06 -0.52	31.77 1.91 -0.46	31.30 1.71 -1.85	31.47 1.63 0.00	28.64 1.53 0.00
CHESTROR_138KV_BK263 355645	37.30 1.49 -1.13	37.89 0.95 -14.35	44.93 0.32 -36.73	31.07 1.06 -4.30	44.91 0.60 -29.03	52.71 1.26 -21.84	50.04 2.13 -3.62	45.51 2.00 -3.89	36.90 1.50 -4.30	15.77 1.39 14.93	32.75 1.48 0.00	30.71 1.31 0.00	26.41 1.06 0.78	29.16 1.14 0.72	31.10 1.24 0.00	31.77 1.39 1.50	31.99 1.45 -0.12	33.46 1.33 -7.05	31.57 1.38 -3.95	31.36 1.43 -0.48	31.16 1.33 -0.43	30.68 1.22 -1.72	30.99 1.14 0.00	28.21 1.10 0.00
CH_MIDHUDSON__DRP 24192	37.93 2.01 -1.25	39.69 1.28 -15.81	48.77 0.44 -40.47	31.85 1.41 -4.74	48.09 0.83 -31.98	55.38 1.71 -24.06	51.12 2.84 -3.99	46.56 2.66 -4.29	37.86 2.02 -4.73	33.40 1.88 -2.20	33.25 1.99 0.00	31.14 1.74 0.00	27.69 1.45 -0.11	30.45 1.60 -0.11	31.60 1.73 0.00	34.01 1.91 -0.22	32.48 1.94 -0.13	34.56 1.72 -7.76	32.38 1.79 -4.35	31.86 1.89 -0.53	31.65 1.77 -0.48	31.26 1.62 -1.90	31.39 1.55 0.00	28.58 1.47 0.00

CH_MISC_IPPS 23765	38.06 2.16 -1.22	39.47 1.38 -15.51	48.03 0.47 -39.70	31.87 1.51 -4.65	47.54 0.89 -31.37	55.06 1.85 -23.61	51.26 3.06 -3.92	46.69 2.86 -4.21	37.89 2.15 -4.64	31.29 1.97 0.00	33.35 2.09 0.00	31.25 1.85 0.00	27.67 1.54 0.00	30.43 1.69 0.00	31.71 1.84 0.00	33.91 2.04 0.00	32.62 2.08 -0.12	34.55 1.85 -7.62	32.43 1.92 -4.27	32.00 2.03 -0.52	31.80 1.93 -0.47	31.38 1.77 -1.86	31.53 1.69 0.00	28.70 1.59 0.00
CH_RES_BVR_FALLS 23983	33.66 -1.01 0.00	22.00 -0.59 0.00	7.69 -0.18 0.00	25.15 -0.56 0.00	14.93 -0.36 0.00	28.91 -0.69 0.00	43.24 -1.04 0.00	38.84 -0.77 0.00	30.56 -0.54 0.00	28.74 -0.58 0.00	30.69 -0.57 0.00	28.88 -0.52 0.00	25.73 -0.39 0.00	28.35 -0.39 0.00	29.32 -0.54 0.00	31.23 -0.65 0.00	29.58 -0.83 0.00	24.32 -0.76 0.00	25.47 -0.77 0.00	28.59 -0.86 0.00	28.55 -0.85 0.00	26.96 -0.78 0.00	29.06 -0.78 0.00	26.38 -0.73 0.00
CH_RES_NIAGARA 23895	32.15 -2.81 -0.28	24.24 -1.90 -3.55	16.27 -0.69 -9.09	24.37 -2.41 -1.07	20.99 -1.48 -7.19	32.28 -2.72 -5.41	40.62 -4.57 -0.90	36.32 -4.26 -0.97	28.85 -3.33 -1.08	26.38 -2.94 0.00	28.06 -3.21 0.00	26.64 -2.76 0.00	23.80 -2.32 0.00	25.99 -2.75 0.00	26.88 -2.99 0.00	28.72 -3.16 0.00	27.24 -3.20 -0.03	24.02 -2.79 -1.73	24.15 -3.07 -0.98	26.14 -3.42 -0.12	26.29 -3.22 -0.11	25.30 -2.87 -0.43	27.46 -2.38 0.00	25.24 -1.87 0.00
CH_RES_SYRACUSE 23985	34.71 -0.19 -0.22	25.28 -0.14 -2.83	15.05 -0.05 -7.24	26.32 -0.23 -0.85	20.87 -0.14 -5.72	33.69 -0.22 -4.30	44.68 -0.32 -0.71	40.17 -0.20 -0.75	31.73 -0.22 -0.85	29.06 -0.26 0.00	30.95 -0.32 0.00	29.12 -0.27 0.00	25.88 -0.25 0.00	28.44 -0.30 0.00	29.61 -0.25 0.00	31.69 -0.19 0.00	30.28 -0.16 -0.02	26.38 -0.07 -1.37	26.86 -0.14 -0.76	29.42 -0.12 -0.09	29.43 -0.05 -0.08	27.98 -0.09 -0.33	29.73 -0.12 0.00	27.03 -0.08 0.00
CLINTON_WT_PWR 323605	33.76 -0.91 0.00	22.07 -0.52 0.00	7.67 -0.20 0.00	25.09 -0.61 0.00	14.92 -0.36 0.00	28.91 -0.70 0.00	43.05 -1.24 0.00	38.45 -1.17 0.00	30.36 -0.74 0.00	28.62 -0.70 0.00	30.57 -0.70 0.00	0.39 -0.98 28.03	9.79 -0.83 15.51	28.24 -0.50 0.00	29.73 -0.14 0.00	31.38 -0.50 0.00	29.91 -0.50 0.00	-3.47 -1.03 27.53	-21.14 -1.15 46.24	-21.19 -1.29 49.34	-21.60 -1.28 49.73	-21.13 -1.20 47.67	-21.14 -1.20 49.79	-21.11 -1.19 47.03
CLINTON__LFGE 323618	34.60 -0.08 0.00	22.59 0.00 0.00	7.85 -0.02 0.00	25.64 -0.06 0.00	15.24 -0.04 0.00	29.57 -0.03 0.00	44.16 -0.13 0.00	39.55 -0.06 0.00	31.18 0.08 0.00	29.30 -0.02 0.00	31.33 0.07 0.00	-0.29 -0.27 29.42	9.49 -0.35 16.28	28.69 -0.05 0.00	30.18 0.31 0.00	31.96 0.08 0.00	30.58 0.17 0.00	-4.16 -0.35 28.89	-22.63 -0.34 48.53	-22.66 -0.32 51.79	-23.17 -0.38 52.19	-22.74 -0.45 50.04	-22.77 -0.36 52.25	-22.75 -0.50 49.36
COBBLENY_34_KV_TB1 80064	33.82 -1.15 -0.30	25.48 -0.87 -3.76	17.17 -0.33 -9.63	25.59 -1.25 -1.13	22.16 -0.74 -7.61	33.99 -1.34 -5.73	42.93 -2.30 -0.95	38.51 -2.13 -1.03	30.47 -1.77 -1.14	27.81 -1.51 0.00	29.64 -1.63 0.00	28.10 -1.29 0.00	25.04 -1.08 0.00	27.33 -1.41 0.00	28.31 -1.56 0.00	30.25 -1.63 0.00	28.70 -1.74 -0.03	25.40 -1.51 -1.83	25.47 -1.81 -1.04	27.63 -1.94 -0.13	27.73 -1.78 -0.11	26.61 -1.59 -0.45	28.64 -1.20 0.00	26.27 -0.84 0.00
COFFEEN__115KV_TB3 355620	33.83 -0.95 -0.11	23.14 -0.79 -1.34	11.01 -0.28 -3.43	25.17 -0.94 -0.40	17.43 -0.56 -2.71	30.93 -0.71 -2.04	44.30 -0.33 -0.34	39.96 -0.02 -0.36	32.06 0.56 -0.39	29.33 0.02 0.00	31.24 -0.02 0.00	30.43 -0.45 -1.49	26.33 -0.62 -0.82	27.67 -1.07 0.00	28.74 -1.13 0.00	31.15 -0.73 0.00	30.11 -0.31 -0.01	26.76 -0.39 -2.07	27.90 -0.73 -2.39	30.60 -0.88 -2.03	30.56 -0.88 -2.05	28.87 -0.98 -2.11	30.59 -1.25 -2.00	27.77 -1.22 -1.89
COLDSPRG_115KV_BK1 355956	35.31 0.34 -0.30	26.53 0.08 -3.86	17.75 0.01 -9.88	26.74 -0.12 -1.16	23.03 -0.06 -7.81	35.40 -0.08 -5.87	44.89 -0.37 -0.97	40.27 -0.40 -1.05	31.78 -0.49 -1.17	29.03 -0.29 0.00	31.03 -0.24 0.00	29.53 0.13 0.00	26.30 0.18 0.00	28.63 -0.11 0.00	29.60 -0.27 0.00	31.62 -0.26 0.00	29.91 -0.54 -0.03	26.49 -0.47 -1.88	26.48 -0.83 -1.07	28.75 -0.83 -0.13	28.89 -0.63 -0.12	27.72 -0.48 -0.46	29.71 -0.13 0.00	27.19 0.08 0.00
COLONIE_LFGE__ 323577	37.95 1.74 -1.53	43.12 1.15 -19.38	57.87 0.39 -49.61	32.78 1.26 -5.81	55.24 0.75 -39.21	60.60 1.50 -29.50	51.51 2.33 -4.89	46.91 2.04 -5.26	38.47 1.57 -5.80	33.88 1.39 -3.17	32.77 1.50 0.00	30.68 1.29 0.00	27.40 1.11 -0.16	30.23 1.33 -0.15	31.38 1.51 0.00	33.80 1.60 -0.32	32.16 1.59 -0.16	35.93 1.33 -9.52	32.97 1.40 -5.33	31.57 1.48 -0.65	31.32 1.34 -0.58	31.40 1.33 -2.33	31.07 1.23 0.00	28.37 1.26 0.00
COOPERNY_115KV_TB1 80082	36.68 1.07 -0.93	35.09 0.68 -11.82	38.35 0.23 -30.25	30.01 0.76 -3.54	39.61 0.42 -23.91	48.50 0.91 -17.99	48.81 1.54 -2.98	44.28 1.46 -3.21	35.73 1.08 -3.54	23.26 1.01 7.07	32.33 1.07 0.00	30.34 0.95 0.00	26.52 0.76 0.37	29.20 0.80 0.34	30.74 0.87 0.00	32.15 0.98 0.71	31.54 1.03 -0.09	31.84 0.96 -5.80	30.47 0.97 -3.26	30.85 1.01 -0.40	30.70 0.94 -0.36	30.03 0.86 -1.42	30.65 0.81 0.00	27.90 0.79 0.00
COPENHAGEN_WT_PWR 323753	32.91 -1.87 -0.12	22.68 -1.38 -1.47	11.15 -0.48 -3.76	24.57 -1.58 -0.44	17.31 -0.94 -2.97	30.32 -1.52 -2.24	43.02 -1.63 -0.37	38.75 -1.26 -0.40	31.22 -0.32 -0.44	28.56 -0.76 0.00	30.48 -0.78 0.00	29.67 -1.06 -1.34	25.83 -1.04 -0.74	27.39 -1.35 0.00	28.28 -1.59 0.00	30.52 -1.37 0.00	29.23 -1.20 -0.01	25.85 -1.22 -1.99	27.16 -1.36 -2.28	29.87 -1.51 -1.93	29.83 -1.51 -1.94	28.19 -1.56 -2.01	29.89 -1.84 -1.89	27.17 -1.73 -1.79
CORNELL____ 23752	35.72 0.69 -0.36	27.51 0.41 -4.50	19.53 0.14 -11.52	27.45 0.40 -1.35	24.63 0.25 -9.10	37.04 0.59 -6.85	46.40 0.97 -1.14	41.79 0.95 -1.23	33.09 0.63 -1.36	29.73 0.41 0.00	31.53 0.26 0.00	29.65 0.25 0.00	26.36 0.23 0.00	28.96 0.22 0.00	30.24 0.37 0.00	32.43 0.55 0.00	31.01 0.56 -0.04	27.86 0.55 -2.23	27.95 0.46 -1.24	30.13 0.53 -0.15	30.08 0.54 -0.14	28.73 0.44 -0.54	30.27 0.42 0.00	27.52 0.41 0.00
CORONAAV_69_KV_TB1 355595	87.90 2.85 -50.38	62.85 1.77 -38.49	79.09 0.63 -70.59	32.37 1.99 -4.67	104.42 1.19 -87.95	137.61 2.39 -105.62	142.95 3.95 -94.71	127.18 3.64 -83.93	77.80 2.76 -43.94	45.53 2.47 -13.74	33.83 2.56 0.00	31.60 2.20 0.00	28.81 1.95 -0.73	37.17 2.24 -6.19	32.15 2.28 0.00	41.46 2.64 -6.93	37.51 2.67 -4.43	44.63 2.29 -17.26	37.21 2.39 -8.57	32.49 2.53 -0.52	32.31 2.44 -0.46	34.03 2.23 -4.05	48.64 2.26 -16.54	33.77 2.08 -4.58
CORTLAND_115KV_TB3 80093	35.33 0.35 -0.30	26.65 0.20 -3.86	17.81 0.06 -9.88	27.03 0.16 -1.16	23.20 0.10 -7.81	35.76 0.28 -5.88	45.76 0.50 -0.97	41.17 0.50 -1.05	32.58 0.32 -1.16	29.51 0.19 0.00	31.36 0.10 0.00	29.50 0.11 0.00	26.20 0.07 0.00	28.79 0.05 0.00	29.98 0.12 0.00	32.13 0.25 0.00	30.71 0.26 -0.03	27.29 0.29 -1.91	27.51 0.20 -1.07	29.81 0.24 -0.13	29.79 0.27 -0.12	28.41 0.20 -0.47	30.02 0.18 0.00	27.31 0.20 0.00

COXSACKIE___GT 23611	39.28 3.17 -1.44	42.85 2.03 -18.23	55.21 0.69 -46.65	33.40 2.23 -5.46	53.52 1.37 -36.87	60.10 2.76 -27.74	53.17 4.28 -4.60	48.31 3.75 -4.95	39.37 2.81 -5.46	33.61 2.14 -2.15	33.36 2.09 0.00	31.19 1.79 0.00	27.82 1.58 -0.11	30.73 1.89 -0.10	32.18 2.32 0.00	34.79 2.69 -0.22	33.50 2.94 -0.15	36.55 2.51 -8.95	33.92 2.66 -5.02	33.03 2.97 -0.61	32.71 2.76 -0.55	32.40 2.47 -2.19	32.26 2.41 0.00	29.33 2.22 0.00
CPV_VALLEY___CC1 323721	36.92 1.19 -1.06	36.78 0.76 -13.43	42.50 0.26 -34.37	30.58 0.85 -4.03	42.91 0.47 -27.16	51.04 1.01 -20.43	49.40 1.72 -3.39	44.89 1.63 -3.64	36.35 1.23 -4.02	20.62 1.15 9.85	32.49 1.22 0.00	30.48 1.08 0.00	26.48 0.87 0.51	29.19 0.92 0.48	30.87 1.00 0.00	32.00 1.11 0.99	31.70 1.18 -0.11	32.77 1.10 -6.59	31.06 1.13 -3.70	31.05 1.15 -0.45	30.87 1.06 -0.40	30.32 0.96 -1.61	30.72 0.88 0.00	27.99 0.87 0.00
CPV_VALLEY___CC2 323722	36.92 1.19 -1.06	36.78 0.76 -13.43	42.50 0.26 -34.37	30.58 0.85 -4.03	42.91 0.47 -27.16	51.04 1.01 -20.43	49.40 1.72 -3.39	44.89 1.63 -3.64	36.35 1.23 -4.02	20.62 1.15 9.85	32.49 1.22 0.00	30.48 1.08 0.00	26.48 0.87 0.51	29.19 0.92 0.48	30.87 1.00 0.00	32.00 1.11 0.99	31.70 1.18 -0.11	32.77 1.10 -6.59	31.06 1.13 -3.70	31.05 1.15 -0.45	30.87 1.06 -0.40	30.32 0.96 -1.61	30.72 0.88 0.00	27.99 0.87 0.00
CRESCENT___HYD 24018	37.95 1.74 -1.53	43.12 1.15 -19.38	57.87 0.39 -49.61	32.78 1.26 -5.81	55.24 0.75 -39.21	60.60 1.50 -29.50	51.51 2.33 -4.89	46.91 2.04 -5.26	38.47 1.57 -5.80	33.88 1.39 -3.17	32.77 1.50 0.00	30.68 1.29 0.00	27.40 1.11 -0.16	30.23 1.33 -0.15	31.38 1.51 0.00	33.80 1.60 -0.32	32.16 1.59 -0.16	35.93 1.33 -9.52	32.97 1.40 -5.33	31.57 1.48 -0.65	31.32 1.34 -0.58	31.40 1.33 -2.33	31.07 1.23 0.00	28.37 1.26 0.00
CRICKET___VALLEY_CC1 323756	37.85 1.90 -1.28	40.07 1.22 -16.26	49.89 0.41 -41.61	31.89 1.30 -4.88	48.95 0.78 -32.89	55.94 1.60 -24.74	51.07 2.68 -4.10	46.52 2.50 -4.41	37.91 1.94 -4.87	36.83 1.81 -5.71	33.15 1.88 0.00	31.01 1.62 0.00	27.78 1.35 -0.30	30.52 1.50 -0.28	31.50 1.64 0.00	34.23 1.78 -0.57	32.29 1.75 -0.13	34.60 1.54 -7.98	32.32 1.60 -4.47	31.68 1.69 -0.54	31.47 1.58 -0.49	31.14 1.44 -1.95	31.19 1.35 0.00	28.44 1.33 0.00
CRICKET___VALLEY_CC2 323757	37.85 1.90 -1.28	40.07 1.22 -16.26	49.89 0.41 -41.61	31.89 1.30 -4.88	48.95 0.78 -32.89	55.94 1.60 -24.74	51.07 2.68 -4.10	46.52 2.50 -4.41	37.91 1.94 -4.87	36.83 1.81 -5.71	33.15 1.88 0.00	31.01 1.62 0.00	27.78 1.35 -0.30	30.52 1.50 -0.28	31.50 1.64 0.00	34.23 1.78 -0.57	32.29 1.75 -0.13	34.60 1.54 -7.98	32.32 1.60 -4.47	31.68 1.69 -0.54	31.47 1.58 -0.49	31.14 1.44 -1.95	31.19 1.35 0.00	28.44 1.33 0.00
CRICKET___VALLEY_CC3 323758	37.85 1.90 -1.28	40.07 1.22 -16.26	49.89 0.41 -41.61	31.89 1.30 -4.88	48.95 0.78 -32.89	55.94 1.60 -24.74	51.07 2.68 -4.10	46.52 2.50 -4.41	37.91 1.94 -4.87	36.83 1.81 -5.71	33.15 1.88 0.00	31.01 1.62 0.00	27.78 1.35 -0.30	30.52 1.50 -0.28	31.50 1.64 0.00	34.23 1.78 -0.57	32.29 1.75 -0.13	34.60 1.54 -7.98	32.32 1.60 -4.47	31.68 1.69 -0.54	31.47 1.58 -0.49	31.14 1.44 -1.95	31.19 1.35 0.00	28.44 1.33 0.00
CRUCIBLE_METL_DRP 24180	34.71 -0.19 -0.22	25.27 -0.14 -2.83	15.05 -0.05 -7.24	26.32 -0.23 -0.85	20.87 -0.14 -5.72	33.69 -0.22 -4.30	44.68 -0.32 -0.71	40.17 -0.20 -0.75	31.73 -0.22 -0.85	29.06 -0.26 0.00	30.95 -0.32 0.00	29.12 -0.27 0.00	25.88 -0.25 0.00	28.44 -0.30 0.00	29.61 -0.25 0.00	31.69 -0.19 0.00	30.27 -0.16 -0.02	26.38 -0.07 -1.37	26.86 -0.15 -0.76	29.42 -0.12 -0.09	29.44 -0.05 -0.08	27.99 -0.09 -0.33	29.73 -0.12 0.00	27.03 -0.08 0.00
DAHOWA___HYDRO 323763	38.08 1.85 -1.55	43.42 1.18 -19.65	58.56 0.39 -50.30	32.86 1.26 -5.89	55.82 0.78 -39.75	61.19 1.68 -29.91	51.94 2.69 -4.96	47.29 2.34 -5.33	38.74 1.76 -5.88	33.83 1.47 -3.05	32.77 1.50 0.00	30.67 1.27 0.00	27.38 1.09 -0.16	30.24 1.35 -0.15	31.49 1.63 0.00	33.94 1.76 -0.30	32.40 1.83 -0.16	36.29 1.56 -9.65	33.26 1.61 -5.41	31.82 1.72 -0.66	31.54 1.55 -0.59	31.59 1.49 -2.36	31.23 1.38 0.00	28.51 1.39 0.00
DANC___LFGE 323619	33.35 -1.48 -0.15	23.45 -1.06 -1.93	12.43 -0.37 -4.93	25.04 -1.24 -0.58	18.44 -0.74 -3.90	31.28 -1.26 -2.93	43.26 -1.52 -0.49	38.91 -1.23 -0.52	31.08 -0.61 -0.58	28.47 -0.85 0.00	30.36 -0.90 0.00	29.18 -1.03 -0.81	25.60 -0.97 -0.45	27.53 -1.21 0.00	28.54 -1.33 0.00	30.68 -1.20 0.00	29.37 -1.06 -0.02	25.83 -0.98 -1.72	26.92 -1.10 -1.78	29.61 -1.20 -1.37	29.59 -1.18 -1.37	28.03 -1.21 -1.49	29.75 -1.41 -1.31	27.05 -1.30 -1.24
DANSKAMMER___1 23586	38.06 2.16 -1.22	39.47 1.38 -15.51	48.03 0.47 -39.70	31.87 1.51 -4.65	47.54 0.89 -31.37	55.06 1.85 -23.61	51.26 3.06 -3.92	46.69 2.86 -4.21	37.89 2.15 -4.64	31.29 1.97 0.00	33.35 2.09 0.00	31.25 1.85 0.00	27.67 1.54 0.00	30.43 1.69 0.00	31.71 1.84 0.00	33.91 2.04 0.00	32.62 2.08 -0.12	34.55 1.85 -7.62	32.43 1.92 -4.27	32.00 2.03 -0.52	31.80 1.93 -0.47	31.38 1.77 -1.86	31.53 1.69 0.00	28.70 1.59 0.00
DANSKAMMER___2 23589	38.06 2.16 -1.22	39.47 1.38 -15.51	48.03 0.47 -39.70	31.87 1.51 -4.65	47.54 0.89 -31.37	55.06 1.85 -23.61	51.26 3.06 -3.92	46.69 2.86 -4.21	37.89 2.15 -4.64	31.29 1.97 0.00	33.35 2.09 0.00	31.25 1.85 0.00	27.67 1.54 0.00	30.43 1.69 0.00	31.71 1.84 0.00	33.91 2.04 0.00	32.62 2.08 -0.12	34.55 1.85 -7.62	32.43 1.92 -4.27	32.00 2.03 -0.52	31.80 1.93 -0.47	31.38 1.77 -1.86	31.53 1.69 0.00	28.70 1.59 0.00
DANSKAMMER___3 23590	38.06 2.16 -1.22	39.47 1.38 -15.51	48.03 0.47 -39.70	31.87 1.51 -4.65	47.54 0.89 -31.37	55.06 1.85 -23.61	51.26 3.06 -3.92	46.69 2.86 -4.21	37.89 2.15 -4.64	31.29 1.97 0.00	33.35 2.09 0.00	31.25 1.85 0.00	27.67 1.54 0.00	30.43 1.69 0.00	31.71 1.84 0.00	33.91 2.04 0.00	32.62 2.08 -0.12	34.55 1.85 -7.62	32.43 1.92 -4.27	32.00 2.03 -0.52	31.80 1.93 -0.47	31.38 1.77 -1.86	31.53 1.69 0.00	28.70 1.59 0.00
DANSKAMMER___4 23591	38.06 2.16 -1.22	39.47 1.38 -15.51	48.03 0.47 -39.70	31.87 1.51 -4.65	47.54 0.89 -31.37	55.06 1.85 -23.61	51.26 3.06 -3.92	46.69 2.86 -4.21	37.89 2.15 -4.64	31.29 1.97 0.00	33.35 2.09 0.00	31.25 1.85 0.00	27.67 1.54 0.00	30.43 1.69 0.00	31.71 1.84 0.00	33.91 2.04 0.00	32.62 2.08 -0.12	34.55 1.85 -7.62	32.43 1.92 -4.27	32.00 2.03 -0.52	31.80 1.93 -0.47	31.38 1.77 -1.86	31.53 1.69 0.00	28.70 1.59 0.00
DANSKAMMER___DIESEL 23592	38.05 2.15 -1.22	39.47 1.37 -15.51	48.03 0.47 -39.70	31.87 1.51 -4.65	47.54 0.89 -31.37	55.05 1.85 -23.61	51.26 3.06 -3.92	46.68 2.86 -4.21	37.89 2.15 -4.64	31.29 1.97 0.00	33.35 2.09 0.00	31.25 1.85 0.00	27.67 1.54 0.00	30.43 1.69 0.00	31.71 1.84 0.00	33.91 2.03 0.00	32.62 2.08 -0.12	34.55 1.85 -7.62	32.43 1.92 -4.27	32.00 2.03 -0.52	31.80 1.93 -0.47	31.38 1.77 -1.86	31.53 1.69 0.00	28.70 1.59 0.00

DARBY___SOLAR 323810	38.04 1.82 -1.55	43.36 1.16 -19.61	58.46 0.39 -50.20	32.84 1.25 -5.88	55.72 0.76 -39.67	61.08 1.63 -29.85	51.84 2.61 -4.95	47.21 2.27 -5.32	38.68 1.70 -5.87	33.81 1.42 -3.06	32.73 1.47 0.00	30.63 1.24 0.00	27.35 1.06 -0.16	30.21 1.32 -0.15	31.44 1.57 0.00	33.89 1.71 -0.31	32.34 1.77 -0.16	36.22 1.50 -9.63	33.20 1.56 -5.40	31.76 1.66 -0.66	31.49 1.50 -0.59	31.55 1.45 -2.35	31.19 1.35 0.00	28.47 1.36 0.00
DASHVILLE___HYD 23610	37.81 1.86 -1.28	39.90 1.14 -16.18	49.67 0.39 -41.41	31.81 1.25 -4.85	48.74 0.73 -32.73	55.75 1.52 -24.62	50.96 2.59 -4.08	46.46 2.46 -4.39	37.80 1.85 -4.84	31.07 1.75 0.00	33.09 1.82 0.00	30.99 1.60 0.00	27.43 1.31 0.00	30.17 1.43 0.00	31.43 1.57 0.00	33.63 1.75 0.00	32.35 1.80 -0.13	34.59 1.56 -7.94	32.29 1.59 -4.45	31.76 1.77 -0.54	31.56 1.68 -0.49	31.18 1.50 -1.94	31.31 1.46 0.00	28.49 1.38 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	93.08 4.42 -53.99	54.65 2.74 -29.32	64.79 0.97 -55.95	33.45 3.12 -4.62	87.10 1.89 -69.93	85.46 3.82 -52.04	107.64 6.16 -57.20	135.09 5.70 -89.78	82.19 4.27 -46.82	46.86 3.79 -13.74	34.97 3.71 0.00	32.45 3.05 0.00	29.57 2.73 -0.72	32.15 3.17 -0.24	33.24 3.37 0.00	40.68 4.11 -4.69	37.10 4.19 -2.50	42.49 3.55 -13.86	36.98 3.82 -6.92	34.01 4.05 -0.52	33.70 3.84 -0.46	34.35 3.54 -3.06	51.25 3.65 -17.75	31.06 3.26 -0.70
DELAWARE___LFGE 323621	36.31 1.07 -0.57	30.43 0.68 -7.17	26.45 0.23 -18.36	28.57 0.72 -2.15	30.21 0.42 -14.51	41.41 0.89 -10.92	47.56 1.46 -1.81	42.96 1.40 -1.95	34.30 1.04 -2.15	30.30 0.98 0.00	32.25 0.98 0.00	30.30 0.90 0.00	26.87 0.74 0.00	29.50 0.76 0.00	30.68 0.82 0.00	32.81 0.93 0.00	31.41 0.94 -0.06	29.44 0.83 -3.53	29.02 0.81 -1.98	30.59 0.91 -0.24	30.47 0.85 -0.22	29.37 0.76 -0.86	30.57 0.73 0.00	27.81 0.70 0.00
DERFIELD_115KV_TB7 355931	34.80 0.10 -0.03	23.03 0.07 -0.37	8.85 0.02 -0.96	25.90 0.08 -0.11	16.09 0.04 -0.76	30.29 0.11 -0.57	44.60 0.22 -0.09	39.91 0.20 -0.10	31.34 0.14 -0.10	29.41 0.10 0.00	31.36 0.09 0.00	29.46 0.06 0.00	26.17 0.04 0.00	28.79 0.05 0.00	29.92 0.06 0.00	31.96 0.08 0.00	30.49 0.07 0.00	25.34 0.08 -0.19	26.43 0.08 -0.11	29.54 0.08 -0.01	29.47 0.06 -0.01	27.85 0.06 -0.05	29.90 0.06 0.00	27.16 0.05 0.00
DOGLEVILLE___HYD 23807	35.79 1.09 -0.03	23.66 0.69 -0.37	9.08 0.25 -0.96	26.64 0.82 -0.11	16.51 0.47 -0.76	31.19 1.02 -0.57	46.19 1.81 -0.09	41.27 1.56 -0.10	32.24 1.05 -0.10	30.03 0.71 0.00	31.87 0.60 0.00	29.81 0.41 0.00	26.30 0.18 0.00	29.07 0.32 0.00	30.50 0.63 0.00	32.72 0.84 0.00	31.40 0.99 0.00	26.24 0.97 -0.19	27.38 1.04 -0.11	30.43 0.97 -0.01	30.18 0.77 -0.01	28.50 0.70 -0.05	30.37 0.52 0.00	27.58 0.47 0.00
DUNKIRK___115KV_TB_200 55889	33.84 -1.14 -0.30	25.50 -0.87 -3.78	17.22 -0.33 -9.68	25.60 -1.24 -1.13	22.20 -0.73 -7.65	34.07 -1.28 -5.76	43.04 -2.20 -0.96	38.54 -2.10 -1.03	30.51 -1.74 -1.14	27.78 -1.54 0.00	29.61 -1.66 0.00	28.13 -1.26 0.00	25.05 -1.08 0.00	27.35 -1.39 0.00	28.22 -1.64 0.00	30.17 -1.71 0.00	28.58 -1.86 -0.03	25.40 -1.52 -1.84	25.41 -1.88 -1.04	27.54 -2.04 -0.13	27.63 -1.89 -0.11	26.51 -1.69 -0.45	28.48 -1.36 0.00	26.14 -0.97 0.00
DUNKIRK___1 23563	33.84 -1.14 -0.30	25.50 -0.87 -3.78	17.22 -0.33 -9.68	25.60 -1.24 -1.13	22.20 -0.73 -7.65	34.07 -1.28 -5.76	43.04 -2.20 -0.96	38.54 -2.10 -1.03	30.51 -1.74 -1.14	27.78 -1.54 0.00	29.61 -1.66 0.00	28.13 -1.26 0.00	25.05 -1.08 0.00	27.35 -1.39 0.00	28.22 -1.64 0.00	30.17 -1.71 0.00	28.58 -1.86 -0.03	25.40 -1.52 -1.84	25.41 -1.88 -1.04	27.54 -2.04 -0.13	27.63 -1.89 -0.11	26.51 -1.69 -0.45	28.48 -1.36 0.00	26.14 -0.97 0.00
DUNKIRK___2 23564	33.84 -1.14 -0.30	25.50 -0.87 -3.78	17.22 -0.33 -9.68	25.60 -1.24 -1.13	22.20 -0.73 -7.65	34.07 -1.28 -5.76	43.04 -2.20 -0.96	38.54 -2.10 -1.03	30.51 -1.74 -1.14	27.78 -1.54 0.00	29.61 -1.66 0.00	28.13 -1.26 0.00	25.05 -1.08 0.00	27.35 -1.39 0.00	28.22 -1.64 0.00	30.17 -1.71 0.00	28.58 -1.86 -0.03	25.40 -1.52 -1.84	25.41 -1.88 -1.04	27.54 -2.04 -0.13	27.63 -1.89 -0.11	26.51 -1.69 -0.45	28.48 -1.36 0.00	26.14 -0.97 0.00
DUNKIRK___3 23565	33.87 -1.11 -0.30	25.53 -0.84 -3.79	17.25 -0.31 -9.69	25.66 -1.18 -1.14	22.25 -0.70 -7.66	34.10 -1.27 -5.76	43.05 -2.19 -0.96	38.57 -2.08 -1.03	30.48 -1.77 -1.15	27.76 -1.56 0.00	29.64 -1.62 0.00	28.19 -1.21 0.00	25.08 -1.04 0.00	27.38 -1.36 0.00	28.29 -1.58 0.00	30.23 -1.66 0.00	28.63 -1.81 -0.03	25.43 -1.49 -1.84	25.43 -1.86 -1.05	27.55 -2.02 -0.13	27.67 -1.84 -0.11	26.56 -1.64 -0.46	28.53 -1.32 0.00	26.19 -0.92 0.00
DUNKIRK___4 23566	33.83 -1.14 -0.30	25.46 -0.87 -3.74	17.12 -0.33 -9.58	25.59 -1.23 -1.12	22.11 -0.74 -7.57	33.99 -1.31 -5.70	42.97 -2.26 -0.94	38.47 -2.16 -1.02	30.44 -1.80 -1.13	27.75 -1.57 0.00	29.59 -1.68 0.00	28.11 -1.28 0.00	25.04 -1.09 0.00	27.33 -1.41 0.00	28.24 -1.63 0.00	30.19 -1.69 0.00	28.60 -1.84 -0.03	25.36 -1.54 -1.82	25.39 -1.89 -1.03	27.53 -2.04 -0.13	27.64 -1.88 -0.11	26.52 -1.67 -0.45	28.53 -1.32 0.00	26.18 -0.93 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	37.85 1.96 -1.22	39.26 1.25 -15.42	47.76 0.43 -39.46	31.72 1.39 -4.62	47.26 0.80 -31.18	54.71 1.64 -23.46	50.95 2.77 -3.89	46.42 2.63 -4.18	37.74 2.02 -4.61	45.07 1.90 -13.85	33.34 2.08 0.00	31.24 1.85 0.00	28.37 1.52 -0.72	31.06 1.64 -0.67	31.63 1.76 0.00	35.21 1.94 -1.39	32.52 1.98 -0.12	34.40 1.74 -7.57	32.31 1.83 -4.25	31.86 1.90 -0.52	31.63 1.77 -0.46	31.20 1.60 -1.85	31.37 1.53 0.00	28.56 1.45 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	37.62 1.76 -1.19	38.76 1.12 -15.05	46.76 0.38 -38.51	31.46 1.25 -4.51	46.43 0.71 -30.43	54.00 1.50 -22.90	50.60 2.51 -3.80	46.06 2.37 -4.08	37.38 1.77 -4.50	26.01 1.63 4.93	32.99 1.73 0.00	30.92 1.53 0.00	27.12 1.25 0.26	29.85 1.35 0.24	31.35 1.48 0.00	33.03 1.64 0.49	32.25 1.72 -0.12	34.02 1.55 -7.39	31.98 1.60 -4.14	31.63 1.68 -0.50	31.43 1.58 -0.45	31.00 1.45 -1.81	31.22 1.38 0.00	28.41 1.30 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	37.88 2.00 -1.22	39.28 1.28 -15.42	47.77 0.44 -39.46	31.76 1.43 -4.62	47.25 0.78 -31.18	54.72 1.65 -23.46	50.96 2.78 -3.89	46.51 2.71 -4.18	37.83 2.11 -4.62	45.15 2.02 -13.81	33.50 2.23 0.00	31.37 1.97 0.00	28.46 1.62 -0.72	31.09 1.68 -0.67	31.70 1.84 0.00	35.25 1.99 -1.38	32.56 2.02 -0.12	34.48 1.83 -7.57	32.40 1.92 -4.25	31.95 1.98 -0.52	31.71 1.84 -0.46	31.24 1.64 -1.85	31.41 1.56 0.00	28.62 1.50 0.00
E179THST_13_KV_LOAD 356214	38.03 2.14 -1.22	39.38 1.37 -15.42	47.80 0.47 -39.46	31.86 1.53 -4.62	47.30 0.84 -31.18	54.84 1.77 -23.46	51.16 2.98 -3.89	46.70 2.90 -4.18	37.97 2.25 -4.62	45.29 2.16 -13.81	33.64 2.37 0.00	31.51 2.11 0.00	28.59 1.74 -0.72	31.23 1.82 -0.67	31.84 1.98 0.00	35.39 2.13 -1.38	32.71 2.17 -0.12	34.61 1.95 -7.57	32.53 2.05 -4.25	32.09 2.13 -0.52	31.85 1.98 -0.46	31.37 1.77 -1.85	31.54 1.70 0.00	28.73 1.62 0.00

EAST HAMPTON___GT 23717	93.45 4.78 -53.99	55.00 3.08 -29.32	64.86 1.04 -55.95	33.71 3.38 -4.62	87.27 2.06 -69.93	85.85 4.21 -52.04	108.16 6.67 -57.20	135.56 6.17 -89.78	82.54 4.61 -46.82	47.15 4.09 -13.74	35.25 3.99 0.00	32.69 3.29 0.00	29.75 2.91 -0.72	32.42 3.44 -0.24	33.52 3.65 0.00	41.01 4.44 -4.69	37.45 4.54 -2.50	42.80 3.85 -13.86	37.28 4.13 -6.92	34.36 4.39 -0.52	34.04 4.18 -0.46	34.64 3.83 -3.06	51.54 3.95 -17.75	31.33 3.52 -0.70
EAST RIVER___6 23660	37.86 1.97 -1.22	39.26 1.26 -15.42	47.76 0.44 -39.46	31.73 1.40 -4.62	47.26 0.79 -31.18	54.68 1.62 -23.46	50.94 2.76 -3.89	46.50 2.71 -4.18	37.85 2.13 -4.62	45.20 2.04 -13.84	33.53 2.27 0.00	31.43 2.03 0.00	28.51 1.66 -0.72	31.20 1.79 -0.67	31.79 1.93 0.00	35.36 2.09 -1.39	32.69 2.15 -0.12	34.53 1.88 -7.57	32.42 1.94 -4.25	31.96 2.00 -0.52	31.71 1.85 -0.46	31.24 1.65 -1.85	31.39 1.54 0.00	28.56 1.46 0.00
EAST RIVER___7 23524	37.86 1.97 -1.22	39.26 1.26 -15.42	47.76 0.44 -39.46	31.73 1.40 -4.62	47.26 0.79 -31.18	54.68 1.62 -23.46	50.94 2.76 -3.89	46.50 2.71 -4.18	37.85 2.13 -4.62	45.20 2.04 -13.84	33.53 2.27 0.00	31.43 2.03 0.00	28.51 1.66 -0.72	31.20 1.79 -0.67	31.79 1.93 0.00	35.36 2.09 -1.39	32.69 2.15 -0.12	34.53 1.88 -7.57	32.42 1.94 -4.25	31.96 2.00 -0.52	31.71 1.85 -0.46	31.24 1.65 -1.85	31.39 1.54 0.00	28.56 1.46 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	37.77 1.89 -1.21	39.17 1.20 -15.39	47.66 0.41 -39.38	31.65 1.33 -4.61	47.17 0.77 -31.12	54.60 1.58 -23.42	50.84 2.67 -3.88	46.32 2.54 -4.17	37.65 1.94 -4.61	45.96 1.82 -14.82	33.25 1.99 0.00	31.16 1.76 0.00	28.34 1.45 -0.77	31.02 1.56 -0.72	31.55 1.69 0.00	35.21 1.85 -1.48	32.43 1.90 -0.12	34.32 1.68 -7.55	32.23 1.76 -4.24	31.78 1.81 -0.51	31.56 1.70 -0.46	31.13 1.54 -1.85	31.31 1.47 0.00	28.50 1.39 0.00
EAST_HAMPTON___DIESEL 23722	93.45 4.79 -53.99	55.00 3.09 -29.32	64.86 1.05 -55.95	33.72 3.39 -4.62	87.27 2.06 -69.93	85.85 4.21 -52.04	108.16 6.67 -57.20	135.57 6.17 -89.78	82.54 4.61 -46.82	47.15 4.09 -13.74	35.25 3.99 0.00	32.68 3.28 0.00	29.75 2.91 -0.72	32.42 3.44 -0.24	33.52 3.66 0.00	41.02 4.44 -4.69	37.45 4.54 -2.50	42.80 3.85 -13.86	37.28 4.13 -6.92	34.36 4.40 -0.52	34.04 4.18 -0.46	34.64 3.83 -3.06	51.54 3.95 -17.75	31.33 3.52 -0.70
EAST_PULASKI___ESR 323781	33.85 -1.00 -0.18	24.21 -0.69 -2.32	13.55 -0.24 -5.93	25.55 -0.85 -0.69	19.46 -0.51 -4.69	32.22 -0.90 -3.52	43.62 -1.25 -0.58	39.21 -1.04 -0.63	31.07 -0.74 -0.71	28.51 -0.80 0.00	30.36 -0.91 0.00	28.51 -0.88 0.00	25.30 -0.83 0.00	27.77 -0.97 0.00	28.86 -1.00 0.00	30.96 -0.92 0.00	29.61 -0.82 -0.02	25.58 -0.65 -1.16	26.13 -0.75 -0.64	28.72 -0.80 -0.08	28.72 -0.75 -0.07	27.25 -0.77 -0.27	28.96 -0.89 0.00	26.31 -0.80 0.00
EAST_RIVER___1 323558	37.87 1.98 -1.22	39.27 1.26 -15.42	47.77 0.44 -39.46	31.74 1.41 -4.62	47.27 0.81 -31.18	54.70 1.64 -23.46	50.95 2.78 -3.89	46.49 2.70 -4.18	37.82 2.10 -4.62	45.18 2.01 -13.84	33.49 2.23 0.00	31.40 2.00 0.00	28.48 1.63 -0.72	31.16 1.75 -0.67	31.75 1.88 0.00	35.32 2.05 -1.39	32.64 2.11 -0.12	34.50 1.85 -7.57	32.40 1.91 -4.25	31.94 1.98 -0.52	31.69 1.83 -0.46	31.23 1.64 -1.85	31.38 1.54 0.00	28.56 1.46 0.00
EAST_RIVER___2 323559	37.86 1.97 -1.22	39.26 1.26 -15.42	47.76 0.44 -39.46	31.73 1.40 -4.62	47.26 0.79 -31.18	54.68 1.62 -23.46	50.94 2.76 -3.89	46.50 2.71 -4.18	37.85 2.13 -4.62	45.20 2.04 -13.84	33.53 2.27 0.00	31.43 2.03 0.00	28.51 1.66 -0.72	31.20 1.79 -0.67	31.79 1.93 0.00	35.36 2.09 -1.39	32.69 2.15 -0.12	34.53 1.88 -7.57	32.42 1.94 -4.25	31.96 2.00 -0.52	31.71 1.85 -0.46	31.24 1.65 -1.85	31.39 1.54 0.00	28.56 1.46 0.00
EAST___DELAWARE_HYD 23607	37.02 1.24 -1.11	37.45 0.76 -14.10	44.21 0.26 -36.08	30.77 0.84 -4.23	44.28 0.48 -28.51	52.15 1.09 -21.45	49.81 1.96 -3.56	45.37 1.93 -3.83	36.84 1.52 -4.22	26.98 1.30 3.64	32.55 1.29 0.00	30.46 1.07 0.00	26.78 0.85 0.19	29.48 0.92 0.18	30.79 0.93 0.00	31.98 0.46 0.36	31.23 0.70 -0.11	32.72 0.72 -6.92	30.85 0.73 -3.88	30.61 0.69 -0.47	30.50 0.67 -0.42	30.67 1.24 -1.69	30.98 1.14 0.00	28.19 1.08 0.00
EIGHT_POINT___WT_PWR 323820	32.80 -2.21 -0.34	25.41 -1.51 -4.34	18.43 -0.54 -11.10	25.18 -1.83 -1.30	23.06 -1.00 -8.77	34.71 -1.49 -6.60	42.97 -2.41 -1.09	38.20 -2.59 -1.18	30.03 -2.38 -1.31	27.02 -2.30 0.00	28.98 -2.28 0.00	27.30 -2.10 0.00	24.10 -2.03 0.00	26.33 -2.41 0.00	27.77 -2.10 0.00	29.82 -2.06 0.00	28.08 -2.37 -0.04	25.25 -2.08 -2.24	24.85 -2.59 -1.20	26.67 -2.93 -0.15	26.85 -2.68 -0.13	25.64 -2.63 -0.52	27.12 -2.72 0.00	24.74 -2.37 0.00
ELBRIDGE_115KV_TB2 80188	34.56 -0.35 -0.23	25.26 -0.25 -2.92	15.24 -0.08 -7.46	26.23 -0.35 -0.87	20.97 -0.21 -5.90	33.69 -0.34 -4.44	44.44 -0.58 -0.74	39.90 -0.52 -0.80	31.55 -0.46 -0.90	28.82 -0.50 0.00	30.69 -0.58 0.00	28.89 -0.51 0.00	25.67 -0.45 0.00	28.21 -0.54 0.00	29.34 -0.52 0.00	31.42 -0.46 0.00	30.02 -0.41 -0.02	26.26 -0.28 -1.46	26.68 -0.38 -0.82	29.17 -0.38 -0.10	29.18 -0.31 -0.09	27.78 -0.33 -0.36	29.48 -0.36 0.00	26.83 -0.28 0.00
ELEC_TRO_TEK 24086	75.95 2.59 -38.68	54.21 1.61 -30.01	64.09 0.58 -55.64	32.19 1.84 -4.64	85.73 1.09 -69.36	104.18 2.19 -72.39	110.94 3.64 -63.01	107.92 3.36 -64.95	68.25 2.56 -34.59	45.37 2.30 -13.74	33.65 2.38 0.00	31.43 2.03 0.00	28.64 1.79 -0.72	33.65 2.07 -2.83	31.96 2.09 0.00	41.16 2.45 -6.83	37.19 2.45 -4.33	44.13 2.09 -16.96	36.96 2.21 -8.51	32.29 2.32 -0.52	32.07 2.21 -0.46	33.78 2.04 -4.00	44.50 2.05 -12.61	31.16 1.89 -2.16
ELLENBURG_WT_PWR 323604	33.76 -0.91 0.00	22.07 -0.52 0.00	7.67 -0.20 0.00	25.09 -0.61 0.00	14.92 -0.36 0.00	28.91 -0.70 0.00	43.05 -1.24 0.00	38.45 -1.17 0.00	30.36 -0.74 0.00	28.62 -0.70 0.00	30.57 -0.70 0.00	0.39 -0.98 28.03	9.79 -0.83 15.51	28.24 -0.50 0.00	29.73 -0.14 0.00	31.38 -0.50 0.00	29.91 -0.50 0.00	-3.47 -1.03 27.53	-21.14 -1.15 46.24	-21.19 -1.29 49.34	-21.60 -1.28 49.73	-21.13 -1.20 47.67	-21.14 -1.20 49.79	-21.11 -1.19 47.03
ELM_ST_23_KV_LD_REV_LBMP_A 345012	33.42 -1.54 -0.29	25.14 -1.12 -3.67	16.84 -0.42 -9.38	25.28 -1.53 -1.10	21.78 -0.92 -7.42	33.52 -1.66 -5.58	42.34 -2.87 -0.93	37.90 -2.71 -1.00	30.01 -2.21 -1.11	27.41 -1.91 0.00	29.21 -2.05 0.00	27.73 -1.67 0.00	24.72 -1.40 0.00	27.00 -1.74 0.00	27.95 -1.91 0.00	29.88 -2.00 0.00	28.31 -2.13 -0.03	25.01 -1.85 -1.78	25.09 -2.16 -1.01	27.21 -2.36 -0.12	27.33 -2.18 -0.11	26.25 -1.94 -0.44	28.33 -1.51 0.00	26.02 -1.09 0.00
EMPIRE_CC_1 323656	37.68 1.55 -1.46	42.13 1.02 -18.52	55.62 0.35 -47.40	32.39 1.13 -5.55	53.41 0.67 -37.46	59.12 1.33 -28.18	50.99 2.03 -4.68	46.37 1.73 -5.02	38.01 1.37 -5.54	34.28 1.26 -3.70	32.62 1.36 0.00	30.57 1.17 0.00	27.32 1.00 -0.19	30.13 1.21 -0.18	31.21 1.35 0.00	33.59 1.34 -0.37	31.75 1.19 -0.15	35.11 0.94 -9.09	32.38 1.05 -5.10	31.16 1.09 -0.62	30.92 0.96 -0.56	31.04 1.07 -2.22	30.81 0.96 0.00	28.14 1.03 0.00

EMPIRE_CC_2 323658	37.68 1.55 -1.46	42.13 1.02 -18.52	55.62 0.35 -47.40	32.39 1.13 -5.55	53.41 0.67 -37.46	59.12 1.33 -28.18	50.99 2.03 -4.68	46.37 1.73 -5.02	38.01 1.37 -5.54	34.28 1.26 -3.70	32.62 1.36 0.00	30.57 1.17 0.00	27.32 1.00 -0.19	30.13 1.21 -0.18	31.21 1.35 0.00	33.59 1.34 -0.37	31.75 1.19 -0.15	35.11 0.94 -9.09	32.38 1.05 -5.10	31.16 1.09 -0.62	30.92 0.96 -0.56	31.04 1.07 -2.22	30.81 0.96 0.00	28.14 1.03 0.00
ENORWICH_115KV_TB1 80156	37.51 2.39 -0.45	29.75 1.49 -5.67	22.88 0.50 -14.51	29.07 1.66 -1.70	27.77 1.02 -11.47	40.37 2.13 -8.63	49.39 3.67 -1.43	44.76 3.61 -1.54	35.47 2.66 -1.71	31.48 2.16 0.00	33.17 1.90 0.00	31.14 1.74 0.00	27.56 1.43 0.00	30.26 1.52 0.00	31.56 1.70 0.00	33.87 1.99 0.00	32.34 1.88 -0.05	29.50 1.62 -2.80	29.37 1.57 -1.57	31.37 1.74 -0.19	31.11 1.54 -0.17	29.70 1.27 -0.68	31.02 1.18 0.00	28.12 1.01 0.00
ERIE_ST__34_KV_TB1-2 80199	34.48 -0.49 -0.29	25.85 -0.46 -3.73	17.21 -0.19 -9.53	26.04 -0.79 -1.12	22.36 -0.46 -7.53	34.44 -0.83 -5.67	43.66 -1.56 -0.94	39.19 -1.44 -1.02	30.98 -1.25 -1.13	28.31 -1.01 0.00	30.20 -1.07 0.00	28.66 -0.74 0.00	25.56 -0.57 0.00	27.89 -0.85 0.00	28.92 -0.95 0.00	30.90 -0.98 0.00	29.32 -1.12 -0.03	25.88 -1.01 -1.81	25.91 -1.35 -1.03	28.18 -1.40 -0.12	28.32 -1.20 -0.11	27.16 -1.03 -0.45	29.26 -0.58 0.00	26.82 -0.29 0.00
ERIE_WT_PWR 323693	33.70 -1.27 -0.29	25.37 -0.92 -3.71	17.00 -0.35 -9.48	25.50 -1.32 -1.11	21.99 -0.79 -7.49	33.82 -1.43 -5.64	42.75 -2.47 -0.94	38.29 -2.33 -1.01	30.30 -1.93 -1.12	27.67 -1.65 0.00	29.47 -1.79 0.00	27.97 -1.42 0.00	24.94 -1.18 0.00	27.26 -1.48 0.00	28.21 -1.66 0.00	30.15 -1.73 0.00	28.56 -1.88 -0.03	25.24 -1.64 -1.80	25.30 -1.96 -1.02	27.44 -2.13 -0.12	27.56 -1.95 -0.11	26.45 -1.74 -0.45	28.54 -1.31 0.00	26.19 -0.92 0.00
ESPRGFLD_115KV_TB1 80157	35.79 1.19 0.08	22.36 0.76 0.98	5.61 0.26 2.51	26.21 0.80 0.30	13.78 0.48 1.99	29.26 1.15 1.49	45.96 1.92 0.25	41.31 1.96 0.26	32.32 1.51 0.29	30.64 1.32 0.00	32.42 1.16 0.00	30.44 1.05 0.00	27.09 0.96 0.00	29.64 0.90 0.00	30.73 0.86 0.00	32.94 1.06 0.00	31.50 1.09 0.01	25.58 0.97 0.48	26.91 0.94 0.27	30.49 1.08 0.03	30.53 1.16 0.03	28.61 0.99 0.12	30.90 1.05 0.00	27.99 0.88 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	35.67 0.64 -0.35	27.46 0.38 -4.49	19.50 0.13 -11.50	27.41 0.36 -1.35	24.60 0.23 -9.09	36.98 0.54 -6.84	46.31 0.89 -1.14	41.71 0.87 -1.23	33.03 0.57 -1.36	29.68 0.37 0.00	31.48 0.22 0.00	29.62 0.22 0.00	26.32 0.19 0.00	28.93 0.19 0.00	30.19 0.32 0.00	32.37 0.49 0.00	30.95 0.50 -0.04	27.81 0.50 -2.23	27.89 0.41 -1.24	30.07 0.47 -0.15	30.03 0.49 -0.14	28.69 0.40 -0.54	30.22 0.38 0.00	27.48 0.37 0.00
ETNA_____115KV_TB2 80207	35.67 0.64 -0.35	27.46 0.38 -4.49	19.50 0.13 -11.50	27.41 0.36 -1.35	24.60 0.23 -9.09	36.98 0.54 -6.84	46.31 0.89 -1.14	41.71 0.87 -1.23	33.03 0.57 -1.36	29.68 0.37 0.00	31.48 0.22 0.00	29.62 0.22 0.00	26.32 0.19 0.00	28.93 0.19 0.00	30.19 0.32 0.00	32.37 0.49 0.00	30.95 0.50 -0.04	27.81 0.50 -2.23	27.89 0.41 -1.24	30.07 0.47 -0.15	30.03 0.49 -0.14	28.69 0.40 -0.54	30.22 0.38 0.00	27.48 0.37 0.00
EUCLID___115KV_TB2 356179	34.29 -0.59 -0.21	24.80 -0.40 -2.62	14.42 -0.14 -6.69	25.96 -0.53 -0.78	20.26 -0.31 -5.29	33.00 -0.58 -3.98	44.07 -0.88 -0.66	39.56 -0.77 -0.72	31.26 -0.65 -0.81	28.67 -0.65 0.00	30.55 -0.72 0.00	28.74 -0.66 0.00	25.54 -0.58 0.00	28.06 -0.68 0.00	29.20 -0.67 0.00	31.25 -0.63 0.00	29.85 -0.58 -0.02	25.94 -0.43 -1.29	26.44 -0.52 -0.72	29.00 -0.53 -0.09	29.02 -0.46 -0.08	27.61 -0.45 -0.31	29.34 -0.50 0.00	26.70 -0.40 0.00
E_CANADA_CAP_HY 24051	37.92 1.40 -1.84	46.88 0.91 -23.38	68.02 0.32 -59.83	33.70 0.98 -7.01	63.17 0.60 -47.29	66.59 1.41 -35.58	52.50 2.31 -5.90	48.27 2.31 -6.34	39.91 1.81 -7.00	30.81 1.50 0.00	32.50 1.24 0.00	30.48 1.08 0.00	27.16 1.03 0.00	29.71 0.97 0.00	30.85 0.98 0.00	33.09 1.21 0.00	31.95 1.34 -0.19	37.78 1.22 -11.48	33.88 1.20 -6.43	31.59 1.36 -0.78	31.60 1.49 -0.70	31.87 1.32 -2.80	31.28 1.44 0.00	28.31 1.20 0.00
E_CANADA_MHWK_HY 24050	35.79 1.09 -0.03	23.66 0.69 -0.37	9.08 0.25 -0.96	26.64 0.82 -0.11	16.51 0.47 -0.76	31.19 1.02 -0.57	46.19 1.81 -0.09	41.27 1.56 -0.10	32.24 1.05 -0.10	30.03 0.71 0.00	31.87 0.60 0.00	29.81 0.41 0.00	26.30 0.18 0.00	29.07 0.32 0.00	30.50 0.63 0.00	32.72 0.84 0.00	31.40 0.99 0.00	26.24 0.97 -0.19	27.38 1.04 -0.11	30.43 0.97 -0.01	30.18 0.77 -0.01	28.50 0.70 -0.05	30.37 0.52 0.00	27.58 0.47 0.00
E_FISHKILL___LBMP 23776	37.70 1.79 -1.24	39.44 1.15 -15.70	48.44 0.39 -40.19	31.67 1.26 -4.71	47.77 0.73 -31.76	55.00 1.51 -23.89	50.77 2.52 -3.96	46.24 2.37 -4.26	37.62 1.82 -4.70	35.51 1.70 -4.50	33.09 1.83 0.00	31.00 1.60 0.00	27.69 1.32 -0.23	30.40 1.44 -0.22	31.43 1.56 0.00	34.05 1.71 -0.45	32.28 1.74 -0.13	34.33 1.54 -7.71	32.17 1.60 -4.32	31.64 1.67 -0.53	31.44 1.56 -0.47	31.06 1.43 -1.88	31.20 1.35 0.00	28.41 1.30 0.00
FALCON___SEABRD_CC1 323796	34.22 -0.45 0.00	22.35 -0.23 0.00	7.77 -0.10 0.00	25.40 -0.31 0.00	15.09 -0.19 0.00	29.20 -0.41 0.00	43.32 -0.97 0.00	38.68 -0.94 0.00	30.58 -0.52 0.00	28.79 -0.52 0.00	30.80 -0.47 0.00	0.42 -0.79 28.19	9.81 -0.72 15.60	28.38 -0.36 0.00	29.90 0.03 0.00	31.51 -0.36 0.00	30.10 -0.31 0.00	-3.45 -0.85 27.69	-21.19 -0.93 46.50	-21.23 -1.06 49.62	-21.55 -0.94 50.01	-20.98 -0.78 47.95	-20.94 -0.72 50.07	-20.94 -0.75 47.30
FALCON___SEABRD_CC2 323797	34.22 -0.45 0.00	22.35 -0.23 0.00	7.77 -0.10 0.00	25.40 -0.31 0.00	15.09 -0.19 0.00	29.20 -0.41 0.00	43.32 -0.97 0.00	38.68 -0.94 0.00	30.58 -0.52 0.00	28.79 -0.52 0.00	30.80 -0.47 0.00	0.42 -0.79 28.19	9.81 -0.72 15.60	28.38 -0.36 0.00	29.90 0.03 0.00	31.51 -0.36 0.00	30.10 -0.31 0.00	-3.45 -0.85 27.69	-21.19 -0.93 46.50	-21.23 -1.06 49.62	-21.55 -0.94 50.01	-20.98 -0.78 47.95	-20.94 -0.72 50.07	-20.94 -0.75 47.30
FAR ROCKAWAY___4 23548	86.44 3.14 -48.62	63.17 1.95 -38.64	80.45 0.70 -71.88	32.58 2.19 -4.68	103.97 1.32 -87.37	138.82 2.63 -106.59	143.00 4.36 -94.35	124.69 4.00 -81.07	76.67 3.03 -42.53	45.78 2.72 -13.74	34.07 2.81 0.00	31.82 2.42 0.00	29.02 2.16 -0.73	37.79 2.48 -6.57	32.39 2.53 0.00	41.21 2.92 -6.40	37.39 2.95 -4.03	43.99 2.53 -16.37	37.03 2.63 -8.16	32.77 2.81 -0.52	32.58 2.71 -0.46	34.06 2.48 -3.85	48.30 2.51 -15.94	34.20 2.30 -4.79
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	37.90 2.01 -1.22	39.29 1.29 -15.42	47.77 0.45 -39.46	31.76 1.43 -4.62	47.28 0.82 -31.18	54.73 1.66 -23.46	50.99 2.81 -3.89	46.53 2.73 -4.18	37.85 2.13 -4.62	45.20 2.04 -13.84	33.51 2.25 0.00	31.42 2.02 0.00	28.49 1.65 -0.72	31.18 1.77 -0.67	31.77 1.90 0.00	35.34 2.07 -1.39	32.67 2.13 -0.12	34.52 1.86 -7.57	32.42 1.94 -4.25	31.96 2.00 -0.52	31.72 1.85 -0.46	31.26 1.66 -1.85	31.41 1.57 0.00	28.59 1.48 0.00

FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	37.92 2.04 -1.22	39.31 1.30 -15.42	47.78 0.45 -39.46	31.78 1.45 -4.62	47.29 0.83 -31.18	54.74 1.68 -23.46	51.02 2.84 -3.89	46.55 2.76 -4.18	37.87 2.15 -4.62	45.20 2.05 -13.84	33.54 2.27 0.00	31.43 2.03 0.00	28.50 1.66 -0.72	31.20 1.78 -0.67	31.77 1.91 0.00	35.36 2.09 -1.39	32.68 2.14 -0.12	34.53 1.87 -7.57	32.43 1.95 -4.25	31.98 2.02 -0.52	31.74 1.88 -0.46	31.27 1.68 -1.85	31.44 1.60 0.00	28.61 1.50 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	37.89 2.00 -1.22	39.29 1.28 -15.42	47.77 0.44 -39.46	31.75 1.42 -4.62	47.28 0.81 -31.18	54.71 1.65 -23.46	50.97 2.79 -3.89	46.51 2.71 -4.18	37.83 2.11 -4.62	45.18 2.02 -13.84	33.51 2.24 0.00	31.40 2.00 0.00	28.48 1.63 -0.72	31.17 1.76 -0.67	31.75 1.88 0.00	35.33 2.06 -1.39	32.65 2.11 -0.12	34.50 1.85 -7.57	32.40 1.92 -4.25	31.95 1.98 -0.52	31.70 1.84 -0.46	31.24 1.65 -1.85	31.40 1.56 0.00	28.58 1.47 0.00
FARRAGUT___LBMP 323566	37.86 1.97 -1.22	39.26 1.26 -15.42	47.76 0.44 -39.46	31.74 1.41 -4.62	47.27 0.80 -31.18	54.69 1.63 -23.46	50.93 2.76 -3.89	46.47 2.67 -4.18	37.80 2.08 -4.62	45.14 1.99 -13.84	33.47 2.21 0.00	31.37 1.97 0.00	28.45 1.60 -0.72	31.14 1.73 -0.67	31.72 1.85 0.00	35.30 2.03 -1.39	32.61 2.08 -0.12	34.47 1.82 -7.57	32.38 1.89 -4.25	31.92 1.96 -0.52	31.68 1.82 -0.46	31.21 1.62 -1.85	31.38 1.53 0.00	28.56 1.45 0.00
FENNER___WINDPWR 24204	35.33 0.44 -0.22	25.62 0.28 -2.75	14.99 0.09 -7.03	26.80 0.27 -0.82	21.00 0.16 -5.56	34.22 0.43 -4.18	45.78 0.80 -0.69	41.17 0.82 -0.74	32.56 0.67 -0.79	29.81 0.49 0.00	31.68 0.41 0.00	29.70 0.30 0.00	26.38 0.25 0.00	28.98 0.23 0.00	30.14 0.28 0.00	32.27 0.38 0.00	30.81 0.38 -0.02	26.79 0.35 -1.36	27.30 0.30 -0.76	29.86 0.32 -0.09	29.82 0.34 -0.08	28.35 0.28 -0.33	30.08 0.24 0.00	27.34 0.23 0.00
FIBERTEK___ENERGY 23856	34.71 -0.19 -0.22	25.27 -0.14 -2.83	15.05 -0.05 -7.24	26.32 -0.23 -0.85	20.87 -0.14 -5.72	33.69 -0.22 -4.30	44.68 -0.32 -0.71	40.17 -0.20 -0.75	31.73 -0.22 -0.85	29.06 -0.26 0.00	30.95 -0.32 0.00	29.12 -0.27 0.00	25.88 -0.25 0.00	28.44 -0.30 0.00	29.61 -0.25 0.00	31.69 -0.19 0.00	30.27 -0.16 -0.02	26.38 -0.07 -1.37	26.86 -0.15 -0.76	29.42 -0.12 -0.09	29.44 -0.05 -0.08	27.99 -0.09 -0.33	29.73 -0.12 0.00	27.03 -0.08 0.00
FITZPATRICK____ 23598	33.80 -1.04 -0.16	23.97 -0.69 -2.07	12.92 -0.24 -5.29	25.49 -0.83 -0.62	18.97 -0.50 -4.18	31.78 -0.96 -3.15	43.31 -1.49 -0.52	38.85 -1.33 -0.56	30.65 -1.07 -0.62	28.29 -1.03 0.00	30.13 -1.13 0.00	28.35 -1.04 0.00	25.20 -0.92 0.00	27.70 -1.05 0.00	28.79 -1.07 0.00	30.80 -1.08 0.00	29.41 -1.02 -0.02	25.28 -0.81 -1.01	25.91 -0.90 -0.56	28.58 -0.94 -0.07	28.60 -0.86 -0.06	27.17 -0.82 -0.24	28.98 -0.87 0.00	26.35 -0.76 0.00
FLOWRFLD_69_KV_BK1 356044	91.99 3.46 -53.86	54.06 2.13 -29.33	64.58 0.76 -55.96	32.75 2.42 -4.62	86.67 1.46 -69.93	84.75 2.92 -52.23	106.33 4.78 -57.26	133.62 4.43 -89.57	81.20 3.38 -46.72	46.09 3.03 -13.74	34.25 2.98 0.00	31.85 2.45 0.00	29.06 2.21 -0.72	31.56 2.56 -0.26	32.53 2.66 0.00	39.83 3.24 -4.71	36.23 3.30 -2.51	41.74 2.78 -13.89	36.20 3.03 -6.93	33.15 3.19 -0.52	32.89 3.03 -0.46	33.76 2.94 -3.07	50.71 3.14 -17.73	30.61 2.79 -0.71
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	38.13 2.23 -1.23	39.56 1.42 -15.55	48.15 0.48 -39.80	31.93 1.56 -4.66	47.66 0.92 -31.46	55.18 1.91 -23.67	51.37 3.16 -3.93	46.79 2.95 -4.22	37.98 2.22 -4.66	31.36 2.05 0.00	33.44 2.17 0.00	31.32 1.92 0.00	27.73 1.60 0.00	30.50 1.76 0.00	31.79 1.92 0.00	34.00 2.12 0.00	32.71 2.17 -0.12	34.63 1.92 -7.64	32.51 1.99 -4.28	32.08 2.11 -0.52	31.87 2.00 -0.47	31.44 1.83 -1.87	31.60 1.75 0.00	28.75 1.64 0.00
FORT ORANGE____ 23900	37.44 1.26 -1.51	42.50 0.82 -19.10	57.02 0.27 -48.88	32.32 0.89 -5.72	54.44 0.53 -38.63	59.69 1.02 -29.06	50.64 1.53 -4.82	46.04 1.24 -5.18	37.84 1.03 -5.72	33.18 0.82 -3.04	32.22 0.96 0.00	30.21 0.81 0.00	26.97 0.68 -0.16	29.74 0.85 -0.15	30.87 1.01 0.00	33.26 1.08 -0.30	31.65 1.09 -0.15	35.35 0.89 -9.38	32.49 0.99 -5.26	31.14 1.05 -0.64	30.89 0.92 -0.57	30.93 0.89 -2.29	30.64 0.80 0.00	27.93 0.82 0.00
FORT_DRUM_COGEN 23780	33.31 -1.47 -0.10	22.78 -1.12 -1.31	10.84 -0.40 -3.37	24.81 -1.29 -0.39	17.17 -0.77 -2.66	30.43 -1.17 -2.00	43.50 -1.12 -0.33	39.20 -0.77 -0.35	31.48 -0.01 -0.39	28.86 -0.46 0.00	30.78 -0.49 0.00	30.11 -0.80 -1.51	26.12 -0.85 -0.84	27.57 -1.17 0.00	28.53 -1.34 0.00	30.82 -1.06 0.00	29.56 -0.86 -0.01	26.24 -0.91 -2.08	27.68 -1.03 -2.47	30.45 -1.15 -2.15	30.41 -1.16 -2.17	28.73 -1.23 -2.22	30.47 -1.49 -2.12	27.70 -1.42 -2.00
FOX_HILLS___ESR 323835	37.93 2.04 -1.22	39.31 1.30 -15.42	47.76 0.43 -39.46	31.72 1.39 -4.62	47.24 0.77 -31.18	54.58 1.52 -23.46	50.86 2.68 -3.89	46.49 2.70 -4.18	37.82 2.10 -4.62	45.16 2.03 -13.81	33.54 2.27 0.00	31.43 2.04 0.00	28.50 1.65 -0.72	31.16 1.75 -0.67	31.75 1.88 0.00	35.34 2.07 -1.38	32.67 2.13 -0.12	34.58 1.93 -7.57	32.50 2.02 -4.25	32.05 2.09 -0.52	31.82 1.95 -0.46	31.31 1.71 -1.85	31.46 1.62 0.00	28.65 1.54 0.00
FPL_FAR_ROCK_GT1 24212	86.44 3.14 -48.62	63.28 2.05 -38.64	80.43 0.68 -71.88	32.57 2.18 -4.68	103.97 1.32 -87.37	138.87 2.68 -106.59	142.97 4.33 -94.35	124.65 3.96 -81.07	76.65 3.01 -42.53	45.78 2.72 -13.74	34.07 2.81 0.00	31.82 2.42 0.00	29.02 2.16 -0.73	37.79 2.48 -6.57	32.39 2.53 0.00	41.21 2.93 -6.40	37.39 2.95 -4.03	43.98 2.52 -16.37	37.05 2.65 -8.16	32.78 2.81 -0.52	32.58 2.72 -0.46	34.06 2.47 -3.85	48.31 2.52 -15.94	34.20 2.30 -4.79
FPL_FAR_ROCK_GT2 23815	86.44 3.14 -48.62	63.28 2.05 -38.64	80.43 0.68 -71.88	32.57 2.18 -4.68	103.97 1.32 -87.37	138.87 2.68 -106.59	142.97 4.33 -94.35	124.65 3.96 -81.07	76.65 3.01 -42.53	45.78 2.72 -13.74	34.07 2.81 0.00	31.82 2.42 0.00	29.02 2.16 -0.73	37.79 2.48 -6.57	32.39 2.53 0.00	41.21 2.93 -6.40	37.39 2.95 -4.03	43.98 2.52 -16.37	37.05 2.65 -8.16	32.78 2.81 -0.52	32.58 2.72 -0.46	34.06 2.47 -3.85	48.31 2.52 -15.94	34.20 2.30 -4.79
FRANKLIN_FALL_HYD 24054	34.41 -0.26 0.00	22.46 -0.13 0.00	7.81 -0.06 0.00	25.53 -0.17 0.00	15.17 -0.11 0.00	29.41 -0.19 0.00	43.88 -0.41 0.00	39.30 -0.32 0.00	31.03 -0.08 0.00	29.27 -0.05 0.00	31.27 0.01 -19.37	48.54 -0.23 -10.72	36.62 -0.22 0.00	28.82 0.08 0.00	30.13 0.27 0.00	31.95 0.07 0.00	30.38 -0.03 0.00	43.45 -0.49 -18.85	57.31 -0.50 -31.57	62.55 -0.55 -33.66	62.78 -0.54 -33.92	59.67 -0.60 -32.52	63.21 -0.59 -33.96	58.53 -0.66 -32.08
FREEPORT_EQUS_GT1 23764	84.68 2.86 -47.15	55.92 1.86 -31.47	67.90 0.62 -59.41	32.34 2.00 -4.64	89.57 1.20 -73.09	102.34 2.46 -70.28	114.88 3.96 -66.64	121.94 3.64 -78.69	75.23 2.77 -41.35	45.55 2.48 -13.74	33.80 2.54 0.00	31.57 2.17 0.00	28.75 1.91 -0.72	33.45 2.21 -2.50	32.12 2.25 0.00	40.18 2.66 -5.64	36.37 2.63 -3.33	42.50 2.21 -15.21	36.21 2.36 -7.61	32.44 2.48 -0.52	32.25 2.38 -0.46	33.49 2.26 -3.49	47.60 2.31 -15.45	31.31 2.10 -2.10

FREEPORT___CT2 23818	84.68	55.92	67.90	32.34	89.57	102.34	114.88	121.94	75.23	45.55	33.80	31.57	28.75	33.45	32.12	40.18	36.37	42.50	36.21	32.44	32.25	33.49	47.60	31.31
	2.86	1.86	0.62	2.00	1.20	2.46	3.96	3.64	2.77	2.48	2.54	2.17	1.91	2.21	2.25	2.66	2.63	2.21	2.36	2.48	2.38	2.26	2.31	2.10
	-47.15	-31.47	-59.41	-4.64	-73.09	-70.28	-66.64	-78.69	-41.35	-13.74	0.00	0.00	-0.72	-2.50	0.00	-5.64	-3.33	-15.21	-7.61	-0.52	-0.46	-3.49	-15.45	-2.10
FRESHKLS_33_KV_LOAD 356253	37.93	39.31	47.75	31.69	47.22	54.55	50.83	46.50	37.81	45.14	33.48	31.38	28.44	31.10	31.70	35.29	32.63	34.58	32.52	32.06	31.83	31.30	31.45	28.63
	2.04	1.30	0.42	1.36	0.75	1.49	2.65	2.70	2.10	2.01	2.22	1.98	1.59	1.69	1.83	2.03	2.10	1.93	2.03	2.10	1.97	1.70	1.61	1.52
	-1.22	-15.42	-39.46	-4.62	-31.18	-23.46	-3.89	-4.18	-4.62	-13.81	0.00	0.00	-0.72	-0.67	0.00	-1.38	-0.12	-7.57	-4.25	-0.52	-0.46	-1.85	0.00	0.00
FULTON COGEN____ 23766	34.18	24.60	14.05	25.85	19.94	32.72	43.94	39.47	31.19	28.63	30.49	28.68	25.49	28.01	29.15	31.19	29.82	25.86	26.39	28.99	29.01	27.57	29.31	26.65
	-0.69	-0.47	-0.17	-0.60	-0.36	-0.66	-0.97	-0.82	-0.68	-0.69	-0.77	-0.71	-0.64	-0.73	-0.71	-0.69	-0.61	-0.45	-0.54	-0.54	-0.47	-0.47	-0.54	-0.46
	-0.20	-2.48	-6.35	-0.74	-5.02	-3.77	-0.63	-0.68	-0.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-1.24	-0.69	-0.08	-0.07	-0.30	0.00	0.00
FULTON___LFGE 323630	39.23	46.84	65.20	34.74	61.46	66.42	55.09	50.55	41.03	33.76	32.69	30.35	27.07	29.51	31.53	34.75	34.07	38.96	35.45	33.58	33.51	33.46	32.97	29.81
	2.81	2.15	0.75	2.40	1.47	3.17	5.22	4.94	3.31	2.15	1.42	0.95	0.82	0.65	1.66	2.64	3.48	3.03	3.12	3.39	3.45	3.07	3.13	2.70
	-1.74	-22.11	-56.58	-6.63	-44.71	-33.64	-5.58	-6.00	-6.61	-2.29	0.00	0.00	-0.12	-0.11	0.00	-0.23	-0.18	-10.85	-6.08	-0.74	-0.66	-2.65	0.00	0.00
G.F.CEMENT___DRP 24184	37.97	43.39	58.69	32.75	55.89	61.24	51.92	47.24	38.72	33.76	32.73	30.61	27.33	30.21	31.48	33.89	32.37	36.31	33.26	31.78	31.48	31.53	31.15	28.46
	1.74	1.08	0.35	1.13	0.72	1.62	2.65	2.28	1.71	1.42	1.47	1.21	1.04	1.32	1.62	1.71	1.80	1.55	1.59	1.67	1.48	1.42	1.31	1.35
	-1.56	-19.72	-50.47	-5.91	-39.89	-30.01	-4.98	-5.35	-5.90	-3.01	0.00	0.00	-0.16	-0.15	0.00	-0.30	-0.16	-9.68	-5.43	-0.66	-0.59	-2.36	0.00	0.00
GARDENVILLE___LBMP 24039	33.60	25.29	16.98	25.41	21.94	33.72	42.58	38.14	30.17	27.54	29.36	27.87	24.85	27.13	28.09	30.03	28.45	25.14	25.21	27.34	27.47	26.37	28.42	26.10
	-1.37	-1.01	-0.38	-1.41	-0.84	-1.53	-2.64	-2.49	-2.06	-1.78	-1.90	-1.53	-1.28	-1.61	-1.77	-1.85	-1.99	-1.73	-2.06	-2.23	-2.04	-1.83	-1.42	-1.01
	-0.29	-3.71	-9.49	-1.11	-7.50	-5.64	-0.94	-1.01	-1.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	-1.80	-1.02	-0.12	-0.11	-0.45	0.00	0.00
GARDNVLA_35_KV_LD 355827	33.75	25.39	17.01	25.52	22.00	33.86	42.81	38.36	30.33	27.71	29.53	28.01	24.98	27.28	28.25	30.19	28.61	25.28	25.34	27.50	27.61	26.49	28.57	26.22
	-1.21	-0.90	-0.34	-1.30	-0.77	-1.38	-2.42	-2.27	-1.89	-1.61	-1.73	-1.38	-1.15	-1.46	-1.62	-1.69	-1.83	-1.60	-1.92	-2.07	-1.90	-1.70	-1.28	-0.89
	-0.29	-3.70	-9.48	-1.11	-7.49	-5.64	-0.94	-1.01	-1.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	-1.80	-1.02	-0.12	-0.11	-0.45	0.00	0.00
GELCKHM___115KV_LOAD 80723	34.45	24.99	14.68	26.09	20.50	33.27	44.29	39.79	31.43	28.82	30.70	28.89	25.67	28.21	29.36	31.42	30.01	26.11	26.60	29.16	29.17	27.74	29.49	26.82
	-0.44	-0.31	-0.11	-0.42	-0.25	-0.45	-0.68	-0.56	-0.49	-0.50	-0.57	-0.51	-0.45	-0.54	-0.51	-0.46	-0.42	-0.30	-0.38	-0.38	-0.31	-0.32	-0.36	-0.29
	-0.21	-2.70	-6.92	-0.81	-5.47	-4.12	-0.68	-0.73	-0.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-1.32	-0.74	-0.09	-0.08	-0.32	0.00	0.00
GENERAL___MILLS 23808	33.72	25.37	17.00	25.50	21.99	33.83	42.76	38.30	30.29	27.67	29.49	27.98	24.94	27.25	28.21	30.15	28.58	25.25	25.31	27.46	27.58	26.47	28.54	26.20
	-1.25	-0.93	-0.35	-1.32	-0.79	-1.41	-2.47	-2.32	-1.93	-1.65	-1.78	-1.41	-1.18	-1.49	-1.66	-1.73	-1.87	-1.63	-1.96	-2.11	-1.93	-1.72	-1.30	-0.91
	-0.29	-3.71	-9.48	-1.11	-7.49	-5.64	-0.94	-1.01	-1.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	-1.80	-1.02	-0.12	-0.11	-0.45	0.00	0.00
GE_PLASTICS___DRP 24183	37.50	42.58	57.15	32.39	54.56	59.83	50.80	46.22	37.98	33.38	32.38	30.36	27.10	29.86	30.97	33.36	31.73	35.44	32.55	31.19	30.97	31.01	30.72	28.00
	1.32	0.86	0.29	0.95	0.56	1.10	1.69	1.41	1.14	1.01	1.12	0.97	0.81	0.97	1.10	1.17	1.16	0.97	1.04	1.10	1.00	0.96	0.88	0.89
	-1.51	-19.14	-48.99	-5.74	-38.71	-29.13	-4.83	-5.19	-5.73	-3.06	0.00	0.00	-0.16	-0.15	0.00	-0.31	-0.15	-9.40	-5.27	-0.64	-0.58	-2.30	0.00	0.00
GILBOA___1 23756	36.81	36.56	42.09	30.43	42.58	50.71	49.01	44.43	35.98	30.26	32.28	30.30	26.86	29.55	30.76	32.87	31.52	32.44	30.74	30.84	30.69	30.16	30.61	27.88
	1.09	0.70	0.23	0.74	0.44	0.90	1.37	1.21	0.90	0.94	1.02	0.89	0.73	0.80	0.89	0.99	1.00	0.83	0.84	0.95	0.89	0.82	0.76	0.77
	-1.05	-13.28	-33.98	-3.98	-26.85	-20.21	-3.35	-3.60	-3.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.11	-6.52	-3.66	-0.44	-0.40	-1.59	0.00	0.00
GILBOA___2 23757	36.81	36.56	42.09	30.43	42.58	50.71	49.01	44.43	35.98	30.26	32.28	30.30	26.86	29.55	30.76	32.87	31.52	32.44	30.74	30.84	30.69	30.16	30.61	27.88
	1.09	0.70	0.23	0.74	0.44	0.90	1.37	1.21	0.90	0.94	1.02	0.89	0.73	0.80	0.89	0.99	1.00	0.83	0.84	0.95	0.89	0.82	0.76	0.77
	-1.05	-13.28	-33.98	-3.98	-26.85	-20.21	-3.35	-3.60	-3.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.11	-6.52	-3.66	-0.44	-0.40	-1.59	0.00	0.00
GILBOA___3 23758	36.81	36.56	42.09	30.43	42.58	50.71	49.01	44.43	35.98	30.26	32.28	30.30	26.86	29.55	30.76	32.87	31.52	32.44	30.74	30.84	30.69	30.16	30.61	27.88
	1.09	0.70	0.23	0.74	0.44	0.90	1.37	1.21	0.90	0.94	1.02	0.89	0.73	0.80	0.89	0.99	1.00	0.83	0.84	0.95	0.89	0.82	0.76	0.77
	-1.05	-13.28	-33.98	-3.98	-26.85	-20.21	-3.35	-3.60	-3.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.11	-6.52	-3.66	-0.44	-0.40	-1.59	0.00	0.00
GILBOA___4 23759	36.81	36.56	42.09	30.43	42.58	50.71	49.01	44.43	35.98	30.26	32.28	30.30	26.86	29.55	30.76	32.87	31.52	32.44	30.74	30.84	30.69	30.16	30.61	27.88
	1.09	0.70	0.23	0.74	0.44	0.90	1.37	1.21	0.90	0.94	1.02	0.89	0.73	0.80	0.89	0.99	1.00	0.83	0.84	0.95	0.89	0.82	0.76	0.77
	-1.05	-13.28	-33.98	-3.98	-26.85	-20.21	-3.35	-3.60	-3.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.11	-6.52	-3.66	-0.44	-0.40	-1.59	0.00	0.00
GILBOA_____ 23599	36.80	36.56	42.09	30.43	42.57	50.71	49.01	44.44	35.98	30.26	32.28	30.29	26.86	29.55	30.76	32.87	31.52	32.44	30.74	30.84	30.69	30.16	30.61	27.88
	1.08	0.70	0.24	0.74	0.43	0.90	1.37	1.22	0.90	0.94	1.01	0.89	0.73	0.80	0.90	0.99	1.00	0.83	0.85	0.95	0.88	0.82	0.76	0.77
	-1.05	-13.28	-33.98	-3.98	-26.85	-20.21	-3.35	-3.60	-3.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.11	-6.52	-3.66	-0.44	-0.40	-1.59	0.00	0.00

GINNA____ 23603	32.55 -2.37 -0.25	24.14 -1.57 -3.13	15.31 -0.56 -8.00	24.70 -1.95 -0.94	20.45 -1.15 -6.33	32.28 -2.09 -4.76	41.82 -3.25 -0.79	37.55 -2.91 -0.85	29.69 -2.36 -0.95	27.07 -2.24 0.00	28.80 -2.47 0.00	27.16 -2.24 0.00	24.16 -1.96 0.00	26.49 -2.25 0.00	27.57 -2.30 0.00	29.61 -2.27 0.00	28.26 -2.18 -0.03	24.83 -1.80 -1.54	25.09 -2.02 -0.86	27.31 -2.25 -0.10	27.34 -2.16 -0.09	26.07 -2.05 -0.37	27.82 -2.02 0.00	25.36 -1.75 0.00
GLEN PARK____ 23778	33.63 -1.15 -0.11	23.02 -0.91 -1.34	10.97 -0.33 -3.43	25.04 -1.07 -0.40	17.35 -0.64 -2.71	30.76 -0.88 -2.04	44.03 -0.59 -0.34	39.71 -0.26 -0.36	31.87 0.37 -0.39	29.17 -0.15 0.00	31.08 -0.19 0.00	30.29 -0.59 -1.49	26.23 -0.72 -0.82	27.60 -1.15 0.00	28.64 -1.23 0.00	31.02 -0.86 0.00	29.93 -0.50 -0.01	26.59 -0.56 -2.07	27.80 -0.84 -2.40	30.51 -0.99 -2.05	30.47 -1.00 -2.06	28.78 -1.09 -2.12	30.49 -1.36 -2.01	27.70 -1.32 -1.90
GLENDALDE_27_KV_LOAD 356172	38.05 2.17 -1.22	39.39 1.38 -15.42	47.80 0.48 -39.46	31.86 1.53 -4.62	47.33 0.86 -31.18	54.84 1.77 -23.46	51.18 3.00 -3.89	46.74 2.95 -4.18	38.02 2.30 -4.62	45.34 2.21 -13.81	33.71 2.45 0.00	31.58 2.19 0.00	28.66 1.82 -0.72	31.34 1.93 -0.67	31.93 2.07 0.00	35.51 2.24 -1.38	32.81 2.28 -0.12	34.63 1.97 -7.57	32.54 2.06 -4.25	32.11 2.14 -0.52	31.87 2.00 -0.46	31.37 1.78 -1.85	31.54 1.70 0.00	28.70 1.59 0.00
GLENWOOD_IC_1_G5 23712	75.71 2.49 -38.55	52.14 1.55 -27.99	60.33 0.55 -51.91	32.10 1.76 -4.63	81.82 1.04 -65.50	93.90 2.09 -62.21	103.03 3.34 -55.41	107.47 3.12 -64.74	67.98 2.40 -34.48	45.35 2.29 -13.74	33.67 2.41 0.00	31.50 2.11 0.00	28.66 1.81 -0.72	32.43 2.05 -1.64	31.98 2.12 0.00	40.97 2.35 -6.74	36.96 2.33 -4.23	43.93 2.01 -16.84	36.79 2.10 -8.45	32.16 2.20 -0.52	31.95 2.08 -0.46	33.59 1.90 -3.95	44.37 1.96 -12.56	30.32 1.83 -1.38
GLENWOOD_IC_2_G1 23688	38.97 2.25 -2.05	40.88 1.46 -16.83	50.62 0.49 -42.25	31.93 1.60 -4.62	48.20 0.93 -31.99	55.94 1.91 -24.43	52.54 3.14 -5.11	48.09 2.95 -5.53	38.64 2.26 -5.28	45.16 2.09 -13.74	33.49 2.23 0.00	31.34 1.94 0.00	28.49 1.65 -0.72	31.25 1.84 -0.67	31.79 1.92 0.00	35.65 2.17 -1.60	32.91 2.19 -0.30	34.94 1.91 -7.95	32.65 2.00 -4.42	32.05 2.09 -0.52	31.84 1.97 -0.46	31.48 1.79 -1.94	31.89 1.77 -0.28	28.78 1.65 -0.02
GLENWOOD_IC_3_G1 23689	38.97 2.25 -2.05	40.88 1.46 -16.83	50.62 0.49 -42.25	31.93 1.60 -4.62	48.20 0.93 -31.99	55.94 1.91 -24.43	52.54 3.14 -5.11	48.09 2.95 -5.53	38.64 2.26 -5.28	45.16 2.09 -13.74	33.49 2.23 0.00	31.34 1.94 0.00	28.49 1.65 -0.72	31.25 1.84 -0.67	31.79 1.92 0.00	35.65 2.17 -1.60	32.91 2.19 -0.30	34.94 1.91 -7.95	32.65 2.00 -4.42	32.05 2.09 -0.52	31.84 1.97 -0.46	31.48 1.79 -1.94	31.89 1.77 -0.28	28.78 1.65 -0.02
GLENWOOD____4 23550	75.71 2.49 -38.55	52.14 1.55 -27.99	60.33 0.55 -51.91	32.10 1.76 -4.63	81.82 1.04 -65.50	93.90 2.09 -62.21	103.09 3.39 -55.41	107.53 3.18 -64.74	68.02 2.44 -34.48	45.35 2.29 -13.74	33.67 2.41 0.00	31.50 2.11 0.00	28.66 1.81 -0.72	32.43 2.05 -1.64	31.98 2.12 0.00	40.99 2.37 -6.74	36.99 2.36 -4.23	43.96 2.04 -16.84	36.82 2.14 -8.45	32.20 2.23 -0.52	31.98 2.12 -0.46	33.63 1.93 -3.95	44.38 1.97 -12.56	30.32 1.83 -1.38
GLENWOOD____5 23614	75.71 2.49 -38.55	52.14 1.55 -27.99	60.33 0.55 -51.91	32.10 1.76 -4.63	81.82 1.04 -65.50	93.90 2.09 -62.21	103.09 3.39 -55.41	107.53 3.18 -64.74	68.02 2.44 -34.48	45.35 2.29 -13.74	33.67 2.41 0.00	31.50 2.11 0.00	28.66 1.81 -0.72	32.43 2.05 -1.64	31.98 2.12 0.00	40.99 2.37 -6.74	36.99 2.36 -4.23	43.96 2.04 -16.84	36.82 2.14 -8.45	32.20 2.23 -0.52	31.98 2.12 -0.46	33.63 1.93 -3.95	44.38 1.97 -12.56	30.32 1.83 -1.38
GLOBAL GREEN_PORT_GT1 23814	93.34 4.68 -53.99	54.93 3.02 -29.32	64.83 1.02 -55.95	33.63 3.31 -4.62	87.22 2.01 -69.93	85.75 4.11 -52.04	108.01 6.52 -57.20	135.43 6.04 -89.77	82.44 4.51 -46.82	47.07 4.01 -13.74	35.18 3.92 0.00	32.63 3.24 0.00	29.71 2.87 -0.72	32.35 3.37 -0.24	33.44 3.58 0.00	40.92 4.34 -4.69	37.36 4.45 -2.50	42.72 3.78 -13.86	37.20 4.05 -6.92	34.27 4.31 -0.52	33.95 4.09 -0.46	34.56 3.75 -3.06	51.45 3.86 -17.75	31.26 3.45 -0.70
GLOBE____DSASP 323697	32.08 -2.87 -0.28	24.18 -1.96 -3.55	16.24 -0.71 -9.08	24.31 -2.47 -1.07	20.95 -1.51 -7.18	32.22 -2.79 -5.40	40.51 -4.67 -0.90	36.24 -4.34 -0.97	28.77 -3.41 -1.07	26.31 -3.01 0.00	27.99 -3.28 0.00	26.57 -2.83 0.00	23.75 -2.38 0.00	25.91 -2.83 0.00	26.82 -3.05 0.00	28.64 -3.24 0.00	27.16 -3.28 -0.03	23.95 -2.86 -1.73	24.08 -3.14 -0.98	26.08 -3.49 -0.12	26.21 -3.30 -0.11	25.23 -2.94 -0.43	27.37 -2.48 0.00	25.17 -1.94 0.00
GOETHSLN____LBMP 323567	37.66 1.77 -1.22	39.13 1.12 -15.42	47.72 0.39 -39.46	31.60 1.27 -4.62	47.18 0.72 -31.18	54.52 1.46 -23.46	50.66 2.48 -3.89	46.21 2.41 -4.18	37.60 1.88 -4.62	44.95 1.80 -13.84	33.28 2.01 0.00	31.19 1.79 0.00	28.29 1.44 -0.72	30.96 1.55 -0.67	31.53 1.67 0.00	35.09 1.82 -1.39	32.44 1.90 -0.12	34.34 1.69 -7.57	32.23 1.75 -4.25	31.75 1.78 -0.52	31.51 1.64 -0.46	31.07 1.47 -1.85	31.22 1.37 0.00	28.41 1.30 0.00
GOLAH____69_KV_TB 1_2 80279	34.18 -0.75 -0.25	25.26 -0.53 -3.20	15.86 -0.20 -8.19	25.93 -0.74 -0.96	21.25 -0.50 -6.47	33.65 -0.82 -4.87	43.65 -1.44 -0.81	39.18 -1.31 -0.87	30.96 -1.12 -0.97	28.26 -1.06 0.00	30.02 -1.24 0.00	28.37 -1.02 0.00	25.27 -0.85 0.00	27.67 -1.07 0.00	28.69 -1.18 0.00	30.81 -1.07 0.00	29.39 -1.05 -0.03	25.81 -0.85 -1.58	26.10 -1.03 -0.88	28.42 -1.14 -0.11	28.47 -1.03 -0.10	27.21 -0.92 -0.39	29.18 -0.66 0.00	26.67 -0.44 0.00
GOODYEAR_LAKE_HYD 323669	36.29 1.24 -0.38	28.18 0.78 -4.81	20.43 0.27 -12.30	27.97 0.82 -1.44	25.49 0.48 -9.72	38.01 1.09 -7.31	47.30 1.80 -1.21	42.69 1.77 -1.31	33.88 1.33 -1.45	30.55 1.23 0.00	32.44 1.18 0.00	30.48 1.08 0.00	27.05 0.92 0.00	29.66 0.91 0.00	30.82 0.95 0.00	33.00 1.12 0.00	31.57 1.12 -0.04	28.43 0.98 -2.36	28.52 0.96 -1.33	30.69 1.08 -0.16	30.61 1.06 -0.14	29.24 0.92 -0.58	30.75 0.91 0.00	27.93 0.82 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	35.31 0.17 -0.47	28.65 0.07 -5.98	23.20 0.02 -15.31	27.51 0.01 -1.79	27.40 0.02 -12.10	38.77 0.07 -9.10	45.94 0.14 -1.51	41.41 0.17 -1.63	32.91 0.01 -1.80	29.28 -0.03 0.00	31.23 -0.03 0.00	29.45 0.05 0.00	26.14 0.02 0.00	28.70 -0.04 0.00	29.86 0.00 0.00	31.94 0.06 0.00	30.49 0.03 -0.05	28.13 0.10 -2.95	27.84 -0.05 -1.65	29.61 -0.04 -0.20	29.58 0.00 -0.18	28.44 -0.03 -0.72	29.81 -0.03 0.00	27.16 0.05 0.00
GOUDEY____7 23579	35.34 0.19 -0.47	28.66 0.09 -5.98	23.20 0.03 -15.31	27.53 0.03 -1.79	27.41 0.03 -12.10	38.80 0.09 -9.10	45.97 0.18 -1.51	41.44 0.20 -1.63	32.95 0.04 -1.80	29.31 -0.01 0.00	31.26 -0.01 0.00	29.48 0.08 0.00	26.17 0.04 0.00	28.73 -0.01 0.00	29.89 0.03 0.00	31.97 0.09 0.00	30.52 0.06 -0.05	28.16 0.13 -2.95	27.87 -0.02 -1.65	29.64 -0.01 -0.20	29.61 0.03 -0.18	28.46 0.00 -0.72	29.83 -0.01 0.00	27.18 0.07 0.00

GOUDEY___8	35.31	28.65	23.20	27.51	27.40	38.77	45.94	41.41	32.91	29.28	31.23	29.45	26.14	28.70	29.86	31.94	30.49	28.13	27.84	29.61	29.58	28.44	29.81	27.16
23580	0.17	0.07	0.02	0.01	0.02	0.07	0.14	0.17	0.01	-0.03	-0.03	0.05	0.02	-0.04	0.00	0.06	0.03	0.10	-0.05	-0.04	0.00	-0.03	-0.03	0.05
	-0.47	-5.98	-15.31	-1.79	-12.10	-9.10	-1.51	-1.63	-1.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.05	-2.95	-1.65	-0.20	-0.18	-0.72	0.00	0.00
GOWANUS_GT1_1	37.98	39.33	47.78	31.78	47.28	54.69	50.98	46.58	37.90	45.24	33.62	31.52	28.58	31.25	31.84	35.42	32.75	34.62	32.53	32.09	31.85	31.36	31.52	28.69
24077	2.09	1.33	0.45	1.45	0.81	1.63	2.81	2.79	2.18	2.11	2.36	2.12	1.73	1.84	1.97	2.16	2.21	1.96	2.05	2.12	1.98	1.76	1.67	1.58
	-1.22	-15.42	-39.46	-4.62	-31.18	-23.46	-3.89	-4.18	-4.62	-13.81	0.00	0.00	-0.72	-0.67	0.00	-1.38	-0.12	-7.57	-4.25	-0.52	-0.46	-1.85	0.00	0.00
GOWANUS_GT1_2	37.98	39.33	47.78	31.78	47.28	54.69	50.98	46.58	37.90	45.24	33.62	31.52	28.58	31.25	31.84	35.42	32.75	34.62	32.53	32.09	31.85	31.36	31.52	28.69
24078	2.09	1.33	0.45	1.45	0.81	1.63	2.81	2.79	2.18	2.11	2.36	2.12	1.73	1.84	1.97	2.16	2.21	1.96	2.05	2.12	1.98	1.76	1.67	1.58
	-1.22	-15.42	-39.46	-4.62	-31.18	-23.46	-3.89	-4.18	-4.62	-13.81	0.00	0.00	-0.72	-0.67	0.00	-1.38	-0.12	-7.57	-4.25	-0.52	-0.46	-1.85	0.00	0.00
GOWANUS_GT1_3	37.98	39.33	47.78	31.78	47.28	54.69	50.98	46.58	37.90	45.24	33.62	31.52	28.58	31.25	31.84	35.42	32.75	34.62	32.53	32.09	31.85	31.36	31.52	28.69
24079	2.09	1.33	0.45	1.45	0.81	1.63	2.81	2.79	2.18	2.11	2.36	2.12	1.73	1.84	1.97	2.16	2.21	1.96	2.05	2.12	1.98	1.76	1.67	1.58
	-1.22	-15.42	-39.46	-4.62	-31.18	-23.46	-3.89	-4.18	-4.62	-13.81	0.00	0.00	-0.72	-0.67	0.00	-1.38	-0.12	-7.57	-4.25	-0.52	-0.46	-1.85	0.00	0.00
GOWANUS_GT1_4	37.98	39.33	47.78	31.78	47.28	54.69	50.98	46.58	37.90	45.24	33.62	31.52	28.58	31.25	31.84	35.42	32.75	34.62	32.53	32.09	31.85	31.36	31.52	28.69
24080	2.09	1.33	0.45	1.45	0.81	1.63	2.81	2.79	2.18	2.11	2.36	2.12	1.73	1.84	1.97	2.16	2.21	1.96	2.05	2.12	1.98	1.76	1.67	1.58
	-1.22	-15.42	-39.46	-4.62	-31.18	-23.46	-3.89	-4.18	-4.62	-13.81	0.00	0.00	-0.72	-0.67	0.00	-1.38	-0.12	-7.57	-4.25	-0.52	-0.46	-1.85	0.00	0.00
GOWANUS_GT1_5	37.98	39.33	47.78	31.78	47.28	54.69	50.98	46.58	37.90	45.24	33.62	31.52	28.58	31.25	31.84	35.42	32.75	34.62	32.53	32.09	31.85	31.36	31.52	28.69
24084	2.09	1.33	0.45	1.45	0.81	1.63	2.81	2.79	2.18	2.11	2.36	2.12	1.73	1.84	1.97	2.16	2.21	1.96	2.05	2.12	1.98	1.76	1.67	1.58
	-1.22	-15.42	-39.46	-4.62	-31.18	-23.46	-3.89	-4.18	-4.62	-13.81	0.00	0.00	-0.72	-0.67	0.00	-1.38	-0.12	-7.57	-4.25	-0.52	-0.46	-1.85	0.00	0.00
GOWANUS_GT1_6	37.98	39.33	47.78	31.78	47.28	54.69	50.98	46.58	37.90	45.24	33.62	31.52	28.58	31.25	31.84	35.42	32.75	34.62	32.53	32.09	31.85	31.36	31.52	28.69
24111	2.09	1.33	0.45	1.45	0.81	1.63	2.81	2.79	2.18	2.11	2.36	2.12	1.73	1.84	1.97	2.16	2.21	1.96	2.05	2.12	1.98	1.76	1.67	1.58
	-1.22	-15.42	-39.46	-4.62	-31.18	-23.46	-3.89	-4.18	-4.62	-13.81	0.00	0.00	-0.72	-0.67	0.00	-1.38	-0.12	-7.57	-4.25	-0.52	-0.46	-1.85	0.00	0.00
GOWANUS_GT1_7	37.98	39.33	47.78	31.78	47.28	54.69	50.98	46.58	37.90	45.24	33.62	31.52	28.58	31.25	31.84	35.42	32.75	34.62	32.53	32.09	31.85	31.36	31.52	28.69
24112	2.09	1.33	0.45	1.45	0.81	1.63	2.81	2.79	2.18	2.11	2.36	2.12	1.73	1.84	1.97	2.16	2.21	1.96	2.05	2.12	1.98	1.76	1.67	1.58
	-1.22	-15.42	-39.46	-4.62	-31.18	-23.46	-3.89	-4.18	-4.62	-13.81	0.00	0.00	-0.72	-0.67	0.00	-1.38	-0.12	-7.57	-4.25	-0.52	-0.46	-1.85	0.00	0.00
GOWANUS_GT1_8	37.98	39.33	47.78	31.78	47.28	54.69	50.98	46.58	37.90	45.24	33.62	31.52	28.58	31.25	31.84	35.42	32.75	34.62	32.53	32.09	31.85	31.36	31.52	28.69
24113	2.09	1.33	0.45	1.45	0.81	1.63	2.81	2.79	2.18	2.11	2.36	2.12	1.73	1.84	1.97	2.16	2.21	1.96	2.05	2.12	1.98	1.76	1.67	1.58
	-1.22	-15.42	-39.46	-4.62	-31.18	-23.46	-3.89	-4.18	-4.62	-13.81	0.00	0.00	-0.72	-0.67	0.00	-1.38	-0.12	-7.57	-4.25	-0.52	-0.46	-1.85	0.00	0.00
GOWANUS_GT2_1	37.99	39.33	47.78	31.78	47.28	54.70	50.99	46.58	37.90	45.24	33.62	31.52	28.58	31.25	31.84	35.42	32.75	34.62	32.53	32.09	31.85	31.36	31.51	28.69
24114	2.10	1.33	0.45	1.45	0.81	1.63	2.81	2.78	2.18	2.11	2.36	2.12	1.74	1.84	1.97	2.16	2.21	1.96	2.05	2.13	1.99	1.76	1.66	1.58
	-1.22	-15.42	-39.46	-4.62	-31.18	-23.46	-3.89	-4.18	-4.62	-13.81	0.00	0.00	-0.72	-0.67	0.00	-1.38	-0.12	-7.57	-4.25	-0.52	-0.46	-1.85	0.00	0.00
GOWANUS_GT2_2	37.99	39.33	47.78	31.78	47.28	54.70	50.99	46.58	37.90	45.24	33.62	31.52	28.58	31.25	31.84	35.42	32.75	34.62	32.53	32.09	31.85	31.36	31.51	28.69
24115	2.10	1.33	0.45	1.45	0.81	1.63	2.81	2.78	2.18	2.11	2.36	2.12	1.74	1.84	1.97	2.16	2.21	1.96	2.05	2.13	1.99	1.76	1.66	1.58
	-1.22	-15.42	-39.46	-4.62	-31.18	-23.46	-3.89	-4.18	-4.62	-13.81	0.00	0.00	-0.72	-0.67	0.00	-1.38	-0.12	-7.57	-4.25	-0.52	-0.46	-1.85	0.00	0.00
GOWANUS_GT2_3	37.99	39.33	47.78	31.78	47.28	54.70	50.99	46.58	37.90	45.24	33.62	31.52	28.58	31.25	31.84	35.42	32.75	34.62	32.53	32.09	31.85	31.36	31.51	28.69
24116	2.10	1.33	0.45	1.45	0.81	1.63	2.81	2.78	2.18	2.11	2.36	2.12	1.74	1.84	1.97	2.16	2.21	1.96	2.05	2.13	1.99	1.76	1.66	1.58
	-1.22	-15.42	-39.46	-4.62	-31.18	-23.46	-3.89	-4.18	-4.62	-13.81	0.00	0.00	-0.72	-0.67	0.00	-1.38	-0.12	-7.57	-4.25	-0.52	-0.46	-1.85	0.00	0.00
GOWANUS_GT2_4	37.99	39.33	47.78	31.78	47.28	54.70	50.99	46.58	37.90	45.24	33.62	31.52	28.58	31.25	31.84	35.42	32.75	34.62	32.53	32.09	31.85	31.36	31.51	28.69
24117	2.10	1.33	0.45	1.45	0.81	1.63	2.81	2.78	2.18	2.11	2.36	2.12	1.74	1.84	1.97	2.16	2.21	1.96	2.05	2.13	1.99	1.76	1.66	1.58
	-1.22	-15.42	-39.46	-4.62	-31.18	-23.46	-3.89	-4.18	-4.62	-13.81	0.00	0.00	-0.72	-0.67	0.00	-1.38	-0.12	-7.57	-4.25	-0.52	-0.46	-1.85	0.00	0.00
GOWANUS_GT2_5	37.99	39.33	47.78	31.78	47.28	54.70	50.99	46.58	37.90	45.24	33.62	31.52	28.58	31.25	31.84	35.42	32.75	34.62	32.53	32.09	31.85	31.36	31.51	28.69
24118	2.10	1.33	0.45	1.45	0.81	1.63	2.81	2.78	2.18	2.11	2.36	2.12	1.74	1.84	1.97	2.16	2.21	1.96	2.05	2.13	1.99	1.76	1.66	1.58
	-1.22	-15.42	-39.46	-4.62	-31.18	-23.46	-3.89	-4.18	-4.62	-13.81	0.00	0.00	-0.72	-0.67	0.00	-1.38	-0.12	-7.57	-4.25	-0.52	-0.46	-1.85	0.00	0.00
GOWANUS_GT2_6	37.99	39.33	47.78	31.78	47.28	54.70	50.99	46.58	37.90	45.24	33.62	31.52	28.58	31.25	31.84	35.42	32.75	34.62	32.53	32.09	31.85	31.36	31.51	28.69
24119	2.10	1.33	0.45	1.45	0.81	1.63	2.81	2.78	2.18	2.11	2.36	2.12	1.74	1.84	1.97	2.16	2.21	1.96	2.05	2.13	1.99	1.76	1.66	1.58
	-1.22	-15.42	-39.46	-4.62	-31.18	-23.46	-3.89	-4.18	-4.62	-13.81	0.00	0.00	-0.72	-0.67	0.00	-1.38	-0.12	-7.57	-4.25	-0.52	-0.46	-1.85	0.00	0.00

GOWANUS_GT2_7 24120	37.99 2.10 -1.22	39.33 1.33 -15.42	47.78 0.45 -39.46	31.78 1.45 -4.62	47.28 0.81 -31.18	54.70 1.63 -23.46	50.99 2.81 -3.89	46.58 2.78 -4.18	37.90 2.18 -4.62	45.24 2.11 -13.81	33.62 2.36 0.00	31.52 2.12 0.00	28.58 1.74 -0.72	31.25 1.84 -0.67	31.84 1.97 0.00	35.42 2.16 -1.38	32.75 2.21 -0.12	34.62 1.96 -7.57	32.53 2.05 -4.25	32.09 2.13 -0.52	31.85 1.99 -0.46	31.36 1.76 -1.85	31.51 1.66 0.00	28.69 1.58 0.00
GOWANUS_GT2_8 24121	37.99 2.10 -1.22	39.33 1.33 -15.42	47.78 0.45 -39.46	31.78 1.45 -4.62	47.28 0.81 -31.18	54.70 1.63 -23.46	50.99 2.81 -3.89	46.58 2.78 -4.18	37.90 2.18 -4.62	45.24 2.11 -13.81	33.62 2.36 0.00	31.52 2.12 0.00	28.58 1.74 -0.72	31.25 1.84 -0.67	31.84 1.97 0.00	35.42 2.16 -1.38	32.75 2.21 -0.12	34.62 1.96 -7.57	32.53 2.05 -4.25	32.09 2.13 -0.52	31.85 1.99 -0.46	31.36 1.76 -1.85	31.51 1.66 0.00	28.69 1.58 0.00
GOWANUS_GT3_1 24122	37.99 2.10 -1.22	39.33 1.33 -15.42	47.78 0.45 -39.46	31.78 1.45 -4.62	47.28 0.81 -31.18	54.70 1.63 -23.46	50.99 2.81 -3.89	46.58 2.78 -4.18	37.90 2.18 -4.62	45.24 2.11 -13.81	33.62 2.36 0.00	31.52 2.12 0.00	28.58 1.74 -0.72	31.25 1.84 -0.67	31.84 1.97 0.00	35.42 2.16 -1.38	32.75 2.21 -0.12	34.62 1.96 -7.57	32.53 2.05 -4.25	32.09 2.13 -0.52	31.85 1.99 -0.46	31.36 1.76 -1.85	31.51 1.66 0.00	28.69 1.58 0.00
GOWANUS_GT3_2 24123	37.99 2.10 -1.22	39.33 1.33 -15.42	47.78 0.45 -39.46	31.78 1.45 -4.62	47.28 0.81 -31.18	54.70 1.63 -23.46	50.99 2.81 -3.89	46.58 2.78 -4.18	37.90 2.18 -4.62	45.24 2.11 -13.81	33.62 2.36 0.00	31.52 2.12 0.00	28.58 1.74 -0.72	31.25 1.84 -0.67	31.84 1.97 0.00	35.42 2.16 -1.38	32.75 2.21 -0.12	34.62 1.96 -7.57	32.53 2.05 -4.25	32.09 2.13 -0.52	31.85 1.99 -0.46	31.36 1.76 -1.85	31.51 1.66 0.00	28.69 1.58 0.00
GOWANUS_GT3_3 24124	37.99 2.10 -1.22	39.33 1.33 -15.42	47.78 0.45 -39.46	31.78 1.45 -4.62	47.28 0.81 -31.18	54.70 1.63 -23.46	50.99 2.81 -3.89	46.58 2.78 -4.18	37.90 2.18 -4.62	45.24 2.11 -13.81	33.62 2.36 0.00	31.52 2.12 0.00	28.58 1.74 -0.72	31.25 1.84 -0.67	31.84 1.97 0.00	35.42 2.16 -1.38	32.75 2.21 -0.12	34.62 1.96 -7.57	32.53 2.05 -4.25	32.09 2.13 -0.52	31.85 1.99 -0.46	31.36 1.76 -1.85	31.51 1.66 0.00	28.69 1.58 0.00
GOWANUS_GT3_4 24125	37.99 2.10 -1.22	39.33 1.33 -15.42	47.78 0.45 -39.46	31.78 1.45 -4.62	47.28 0.81 -31.18	54.70 1.63 -23.46	50.99 2.81 -3.89	46.58 2.78 -4.18	37.90 2.18 -4.62	45.24 2.11 -13.81	33.62 2.36 0.00	31.52 2.12 0.00	28.58 1.74 -0.72	31.25 1.84 -0.67	31.84 1.97 0.00	35.42 2.16 -1.38	32.75 2.21 -0.12	34.62 1.96 -7.57	32.53 2.05 -4.25	32.09 2.13 -0.52	31.85 1.99 -0.46	31.36 1.76 -1.85	31.51 1.66 0.00	28.69 1.58 0.00
GOWANUS_GT3_5 24126	37.99 2.10 -1.22	39.33 1.33 -15.42	47.78 0.45 -39.46	31.78 1.45 -4.62	47.28 0.81 -31.18	54.70 1.63 -23.46	50.99 2.81 -3.89	46.58 2.78 -4.18	37.90 2.18 -4.62	45.24 2.11 -13.81	33.62 2.36 0.00	31.52 2.12 0.00	28.58 1.74 -0.72	31.25 1.84 -0.67	31.84 1.97 0.00	35.42 2.16 -1.38	32.75 2.21 -0.12	34.62 1.96 -7.57	32.53 2.05 -4.25	32.09 2.13 -0.52	31.85 1.99 -0.46	31.36 1.76 -1.85	31.51 1.66 0.00	28.69 1.58 0.00
GOWANUS_GT3_6 24127	37.99 2.10 -1.22	39.33 1.33 -15.42	47.78 0.45 -39.46	31.78 1.45 -4.62	47.28 0.81 -31.18	54.70 1.63 -23.46	50.99 2.81 -3.89	46.58 2.78 -4.18	37.90 2.18 -4.62	45.24 2.11 -13.81	33.62 2.36 0.00	31.52 2.12 0.00	28.58 1.74 -0.72	31.25 1.84 -0.67	31.84 1.97 0.00	35.42 2.16 -1.38	32.75 2.21 -0.12	34.62 1.96 -7.57	32.53 2.05 -4.25	32.09 2.13 -0.52	31.85 1.99 -0.46	31.36 1.76 -1.85	31.51 1.66 0.00	28.69 1.58 0.00
GOWANUS_GT3_7 24128	37.99 2.10 -1.22	39.33 1.33 -15.42	47.78 0.45 -39.46	31.78 1.45 -4.62	47.28 0.81 -31.18	54.70 1.63 -23.46	50.99 2.81 -3.89	46.58 2.78 -4.18	37.90 2.18 -4.62	45.24 2.11 -13.81	33.62 2.36 0.00	31.52 2.12 0.00	28.58 1.74 -0.72	31.25 1.84 -0.67	31.84 1.97 0.00	35.42 2.16 -1.38	32.75 2.21 -0.12	34.62 1.96 -7.57	32.53 2.05 -4.25	32.09 2.13 -0.52	31.85 1.99 -0.46	31.36 1.76 -1.85	31.51 1.66 0.00	28.69 1.58 0.00
GOWANUS_GT3_8 24129	37.99 2.10 -1.22	39.33 1.33 -15.42	47.78 0.45 -39.46	31.78 1.45 -4.62	47.28 0.81 -31.18	54.70 1.63 -23.46	50.99 2.81 -3.89	46.58 2.78 -4.18	37.90 2.18 -4.62	45.24 2.11 -13.81	33.62 2.36 0.00	31.52 2.12 0.00	28.58 1.74 -0.72	31.25 1.84 -0.67	31.84 1.97 0.00	35.42 2.16 -1.38	32.75 2.21 -0.12	34.62 1.96 -7.57	32.53 2.05 -4.25	32.09 2.13 -0.52	31.85 1.99 -0.46	31.36 1.76 -1.85	31.51 1.66 0.00	28.69 1.58 0.00
GOWANUS_GT4_1 24130	37.98 2.09 -1.22	39.33 1.33 -15.42	47.78 0.45 -39.46	31.78 1.45 -4.62	47.28 0.81 -31.18	54.69 1.63 -23.46	50.98 2.81 -3.89	46.58 2.79 -4.18	37.90 2.18 -4.62	45.24 2.11 -13.81	33.62 2.36 0.00	31.52 2.12 0.00	28.58 1.73 -0.72	31.25 1.84 -0.67	31.84 1.97 0.00	35.42 2.16 -1.38	32.75 2.21 -0.12	34.62 1.96 -7.57	32.53 2.05 -4.25	32.09 2.12 -0.52	31.85 1.98 -0.46	31.36 1.76 -1.85	31.52 1.67 0.00	28.69 1.58 0.00
GOWANUS_GT4_2 24131	37.98 2.09 -1.22	39.33 1.33 -15.42	47.78 0.45 -39.46	31.78 1.45 -4.62	47.28 0.81 -31.18	54.69 1.63 -23.46	50.98 2.81 -3.89	46.58 2.79 -4.18	37.90 2.18 -4.62	45.24 2.11 -13.81	33.62 2.36 0.00	31.52 2.12 0.00	28.58 1.73 -0.72	31.25 1.84 -0.67	31.84 1.97 0.00	35.42 2.16 -1.38	32.75 2.21 -0.12	34.62 1.96 -7.57	32.53 2.05 -4.25	32.09 2.12 -0.52	31.85 1.98 -0.46	31.36 1.76 -1.85	31.52 1.67 0.00	28.69 1.58 0.00
GOWANUS_GT4_3 24132	37.98 2.09 -1.22	39.33 1.33 -15.42	47.78 0.45 -39.46	31.78 1.45 -4.62	47.28 0.81 -31.18	54.69 1.63 -23.46	50.98 2.81 -3.89	46.58 2.79 -4.18	37.90 2.18 -4.62	45.24 2.11 -13.81	33.62 2.36 0.00	31.52 2.12 0.00	28.58 1.73 -0.72	31.25 1.84 -0.67	31.84 1.97 0.00	35.42 2.16 -1.38	32.75 2.21 -0.12	34.62 1.96 -7.57	32.53 2.05 -4.25	32.09 2.12 -0.52	31.85 1.98 -0.46	31.36 1.76 -1.85	31.52 1.67 0.00	28.69 1.58 0.00
GOWANUS_GT4_4 24133	37.98 2.09 -1.22	39.33 1.33 -15.42	47.78 0.45 -39.46	31.78 1.45 -4.62	47.28 0.81 -31.18	54.69 1.63 -23.46	50.98 2.81 -3.89	46.58 2.79 -4.18	37.90 2.18 -4.62	45.24 2.11 -13.81	33.62 2.36 0.00	31.52 2.12 0.00	28.58 1.73 -0.72	31.25 1.84 -0.67	31.84 1.97 0.00	35.42 2.16 -1.38	32.75 2.21 -0.12	34.62 1.96 -7.57	32.53 2.05 -4.25	32.09 2.12 -0.52	31.85 1.98 -0.46	31.36 1.76 -1.85	31.52 1.67 0.00	28.69 1.58 0.00
GOWANUS_GT4_5 24134	37.98 2.09 -1.22	39.33 1.33 -15.42	47.78 0.45 -39.46	31.78 1.45 -4.62	47.28 0.81 -31.18	54.69 1.63 -23.46	50.98 2.81 -3.89	46.58 2.79 -4.18	37.90 2.18 -4.62	45.24 2.11 -13.81	33.62 2.36 0.00	31.52 2.12 0.00	28.58 1.73 -0.72	31.25 1.84 -0.67	31.84 1.97 0.00	35.42 2.16 -1.38	32.75 2.21 -0.12	34.62 1.96 -7.57	32.53 2.05 -4.25	32.09 2.12 -0.52	31.85 1.98 -0.46	31.36 1.76 -1.85	31.52 1.67 0.00	28.69 1.58 0.00

GOWANUS_GT4_6 24135	37.98 2.09 -1.22	39.33 1.33 -15.42	47.78 0.45 -39.46	31.78 1.45 -4.62	47.28 0.81 -31.18	54.69 1.63 -23.46	50.98 2.81 -3.89	46.58 2.79 -4.18	37.90 2.18 -4.62	45.24 2.11 -13.81	33.62 2.36 0.00	31.52 2.12 0.00	28.58 1.73 -0.72	31.25 1.84 -0.67	31.84 1.97 0.00	35.42 2.16 -1.38	32.75 2.21 -0.12	34.62 1.96 -7.57	32.53 2.05 -4.25	32.09 2.12 -0.52	31.85 1.98 -0.46	31.36 1.76 -1.85	31.52 1.67 0.00	28.69 1.58 0.00
GOWANUS_GT4_7 24136	37.98 2.09 -1.22	39.33 1.33 -15.42	47.78 0.45 -39.46	31.78 1.45 -4.62	47.28 0.81 -31.18	54.69 1.63 -23.46	50.98 2.81 -3.89	46.58 2.79 -4.18	37.90 2.18 -4.62	45.24 2.11 -13.81	33.62 2.36 0.00	31.52 2.12 0.00	28.58 1.73 -0.72	31.25 1.84 -0.67	31.84 1.97 0.00	35.42 2.16 -1.38	32.75 2.21 -0.12	34.62 1.96 -7.57	32.53 2.05 -4.25	32.09 2.12 -0.52	31.85 1.98 -0.46	31.36 1.76 -1.85	31.52 1.67 0.00	28.69 1.58 0.00
GOWANUS_GT4_8 24137	37.98 2.09 -1.22	39.33 1.33 -15.42	47.78 0.45 -39.46	31.78 1.45 -4.62	47.28 0.81 -31.18	54.69 1.63 -23.46	50.98 2.81 -3.89	46.58 2.79 -4.18	37.90 2.18 -4.62	45.24 2.11 -13.81	33.62 2.36 0.00	31.52 2.12 0.00	28.58 1.73 -0.72	31.25 1.84 -0.67	31.84 1.97 0.00	35.42 2.16 -1.38	32.75 2.21 -0.12	34.62 1.96 -7.57	32.53 2.05 -4.25	32.09 2.12 -0.52	31.85 1.98 -0.46	31.36 1.76 -1.85	31.52 1.67 0.00	28.69 1.58 0.00
GREENBSH_115KV_TB3 55895	37.42 1.23 -1.51	42.58 0.81 -19.18	57.24 0.27 -49.11	32.34 0.88 -5.75	54.61 0.52 -38.81	59.81 1.01 -29.20	50.64 1.51 -4.84	46.02 1.21 -5.21	37.87 1.03 -5.74	33.33 0.88 -3.13	32.28 1.01 0.00	30.27 0.87 0.00	27.03 0.74 -0.16	29.80 0.91 -0.15	30.91 1.05 0.00	33.28 1.09 -0.31	31.65 1.08 -0.15	35.38 0.88 -9.42	32.49 0.97 -5.28	31.10 1.01 -0.64	30.87 0.89 -0.58	30.93 0.88 -2.30	30.62 0.77 0.00	27.92 0.81 0.00
GREENDGE_115KV_TB5 80291	34.76 -0.24 -0.33	26.50 -0.20 -4.12	18.33 -0.08 -10.54	26.59 -0.35 -1.24	23.48 -0.13 -8.33	35.73 -0.13 -6.27	44.84 -0.49 -1.04	40.30 -0.44 -1.12	32.00 -0.36 -1.25	28.82 -0.50 0.00	30.60 -0.66 0.00	28.86 -0.53 0.00	25.65 -0.48 0.00	28.14 -0.60 0.00	29.35 -0.52 0.00	31.57 -0.30 0.00	30.10 -0.34 -0.03	26.94 -0.22 -2.07	26.96 -0.42 -1.14	29.14 -0.44 -0.14	29.17 -0.36 -0.12	27.80 -0.44 -0.50	29.42 -0.42 0.00	26.80 -0.31 0.00
GREENIDGE___3 23582	34.76 -0.24 -0.33	26.50 -0.20 -4.12	18.33 -0.08 -10.54	26.59 -0.35 -1.24	23.48 -0.13 -8.33	35.73 -0.13 -6.27	44.84 -0.49 -1.04	40.30 -0.44 -1.12	32.00 -0.36 -1.25	28.82 -0.50 0.00	30.60 -0.66 0.00	28.86 -0.53 0.00	25.65 -0.48 0.00	28.14 -0.60 0.00	29.35 -0.52 0.00	31.57 -0.30 0.00	30.10 -0.34 -0.03	26.94 -0.22 -2.07	26.96 -0.42 -1.14	29.14 -0.44 -0.14	29.17 -0.36 -0.12	27.80 -0.44 -0.50	29.42 -0.42 0.00	26.80 -0.31 0.00
GREENIDGE___4 23583	34.75 -0.24 -0.33	26.50 -0.20 -4.12	18.33 -0.08 -10.54	26.59 -0.35 -1.24	23.47 -0.14 -8.33	35.74 -0.14 -6.27	44.84 -0.49 -1.04	40.30 -0.44 -1.12	31.99 -0.36 -1.25	28.82 -0.50 0.00	30.60 -0.66 0.00	28.86 -0.53 0.00	25.65 -0.48 0.00	28.14 -0.60 0.00	29.35 -0.52 0.00	31.58 -0.30 0.00	30.10 -0.34 -0.03	26.94 -0.22 -2.07	26.95 -0.42 -1.14	29.14 -0.45 -0.14	29.16 -0.36 -0.12	27.79 -0.45 -0.50	29.43 -0.42 0.00	26.80 -0.31 0.00
GREENLWN_69_KV_BK 3 55738	91.01 2.87 -53.46	53.70 1.77 -29.34	64.44 0.64 -55.93	32.35 2.03 -4.62	86.39 1.22 -69.90	84.75 2.43 -52.71	105.68 4.01 -57.38	132.21 3.67 -88.93	80.34 2.84 -46.40	45.61 2.55 -13.74	33.80 2.54 0.00	31.49 2.09 0.00	28.71 1.87 -0.72	31.24 2.18 -0.33	32.04 2.17 0.00	39.27 2.62 -4.76	35.60 2.63 -2.56	41.23 2.19 -13.96	35.58 2.37 -6.97	32.48 2.52 -0.52	32.28 2.42 -0.46	33.06 2.21 -3.10	49.61 2.22 -17.55	29.90 2.03 -0.75
GREENWD_138_KV_38B11_REV_LBMP_J 345004	37.98 2.09 -1.22	39.33 1.33 -15.42	47.78 0.45 -39.46	31.78 1.45 -4.62	47.28 0.81 -31.18	54.69 1.63 -23.46	50.98 2.81 -3.89	46.58 2.79 -4.18	37.90 2.18 -4.62	45.24 2.11 -13.81	33.62 2.36 0.00	31.52 2.12 0.00	28.58 1.73 -0.72	31.25 1.84 -0.67	31.84 1.97 0.00	35.42 2.16 -1.38	32.75 2.21 -0.12	34.62 1.96 -7.57	32.53 2.05 -4.25	32.09 2.12 -0.52	31.85 1.98 -0.46	31.36 1.76 -1.85	31.52 1.67 0.00	28.69 1.58 0.00
GRISSOM___SOLAR 323813	39.23 2.81 -1.74	46.84 2.15 -22.11	65.20 0.75 -56.58	34.74 2.40 -6.63	61.46 1.47 -44.71	66.42 3.17 -33.64	55.09 5.22 -5.58	50.55 4.94 -6.00	41.03 3.31 -2.29	33.76 2.15 -2.29	32.69 1.42 0.00	30.35 0.95 0.00	27.07 0.82 -0.12	29.51 0.65 -0.11	31.53 1.66 0.00	34.75 2.64 -0.23	34.07 3.48 -0.18	38.96 3.03 -10.85	35.45 3.12 -6.08	33.58 3.39 -0.74	33.51 3.45 -0.66	33.46 3.07 -2.65	32.97 3.13 0.00	29.81 2.70 0.00
GROVEVILLE___HYD 323602	38.13 2.23 -1.23	39.56 1.42 -15.55	48.15 0.48 -39.80	31.93 1.56 -4.66	47.66 0.92 -31.46	55.18 1.91 -23.67	51.37 3.16 -3.93	46.79 2.95 -4.22	37.98 2.22 -4.66	31.36 2.05 0.00	33.44 2.17 0.00	31.32 1.92 0.00	27.73 1.60 0.00	30.50 1.76 0.00	31.79 1.92 0.00	34.00 2.12 0.00	32.71 2.17 -0.12	34.63 1.92 -7.64	32.51 1.99 -4.28	32.08 2.11 -0.52	31.87 2.00 -0.47	31.44 1.83 -1.87	31.60 1.75 0.00	28.75 1.64 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	34.71 -0.19 -0.22	25.27 -0.14 -2.83	15.05 -0.05 -7.24	26.32 -0.23 -0.85	20.87 -0.14 -5.72	33.69 -0.22 -4.30	44.68 -0.32 -0.71	40.17 -0.20 -0.75	31.73 -0.22 -0.85	29.06 -0.26 0.00	30.95 -0.32 0.00	29.12 -0.27 0.00	25.88 -0.25 0.00	28.44 -0.30 0.00	29.61 -0.25 0.00	31.69 -0.19 0.00	30.27 -0.16 -0.02	26.38 -0.07 -1.37	26.86 -0.15 -0.76	29.42 -0.12 -0.09	29.44 -0.05 -0.08	27.99 -0.09 -0.33	29.73 -0.12 0.00	27.03 -0.08 0.00
HAMLTNNY_34_KV_TB 80303	34.76 -0.15 -0.23	25.39 -0.12 -2.93	15.31 -0.04 -7.49	26.38 -0.21 -0.88	21.08 -0.12 -5.91	33.88 -0.18 -4.45	44.76 -0.27 -0.74	40.18 -0.25 -0.81	31.75 -0.25 -0.90	29.01 -0.31 0.00	30.87 -0.39 0.00	29.06 -0.33 0.00	25.82 -0.30 0.00	28.38 -0.36 0.00	29.52 -0.35 0.00	31.63 -0.24 0.00	30.23 -0.21 -0.02	26.44 -0.10 -1.46	26.87 -0.19 -0.82	29.37 -0.17 -0.10	29.38 -0.11 -0.09	27.96 -0.14 -0.36	29.69 -0.16 0.00	27.00 -0.11 0.00
HAMPSHIRE___PAPER_HYD 323593	33.73 -1.00 -0.06	22.57 -0.72 -0.70	9.41 -0.26 -1.79	25.09 -0.82 -0.21	16.18 -0.52 -1.42	29.83 -0.84 -1.07	43.36 -1.10 -0.18	38.99 -0.82 -0.19	31.08 -0.23 -0.20	28.91 -0.41 0.00	30.80 -0.46 0.00	32.03 -0.54 -3.17	27.38 -0.50 -1.76	28.13 -0.61 0.00	29.11 -0.76 0.00	31.21 -0.67 0.00	29.58 -0.84 -0.01	27.47 -0.95 -3.34	30.33 -1.01 -5.10	33.51 -1.13 -5.19	33.49 -1.14 -5.23	31.68 -1.15 -5.09	33.77 -1.29 -5.22	30.83 -1.21 -4.93
HARDSCRABBLE_WT_PWR 323673	35.53 0.82 -0.03	23.48 0.52 -0.37	9.02 0.19 -0.96	26.45 0.63 -0.11	16.39 0.35 -0.76	31.00 0.82 -0.57	45.88 1.49 -0.09	41.00 1.29 -0.10	32.08 0.89 -0.10	29.95 0.63 0.00	31.81 0.55 0.00	29.77 0.38 0.00	26.31 0.18 0.00	29.05 0.31 0.00	30.38 0.51 0.00	32.53 0.65 0.00	31.08 0.66 0.00	25.95 0.68 -0.19	27.07 0.73 -0.11	30.07 0.62 -0.01	29.89 0.48 -0.01	28.21 0.42 -0.05	30.12 0.28 0.00	27.33 0.22 0.00

HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	37.60 1.78 -1.14	38.23 1.13 -14.51	45.38 0.39 -37.13	31.32 1.26 -4.35	45.35 0.72 -29.34	53.20 1.52 -22.08	50.50 2.55 -3.66	45.94 2.39 -3.94	37.25 1.80 -4.34	14.07 1.66 16.91	33.06 1.79 0.00	30.99 1.60 0.00	26.55 1.31 0.88	29.32 1.40 0.82	31.39 1.52 0.00	31.89 1.71 1.69	32.31 1.78 -0.12	33.84 1.63 -7.12	31.91 1.68 -3.99	31.68 1.75 -0.49	31.48 1.65 -0.44	30.97 1.49 -1.74	31.26 1.41 0.00	28.44 1.33 0.00
HARSNRAD_115KV_TB1 81005	33.15 -1.80 -0.28	24.80 -1.31 -3.52	16.39 -0.49 -9.02	25.03 -1.73 -1.06	21.35 -1.05 -7.12	33.02 -1.95 -5.36	41.86 -3.32 -0.89	37.41 -3.16 -0.96	29.64 -2.53 -1.07	27.10 -2.22 0.00	28.82 -2.45 0.00	27.35 -2.05 0.00	24.41 -1.72 0.00	26.67 -2.08 0.00	27.59 -2.28 0.00	29.51 -2.37 0.00	28.01 -2.43 -0.03	24.68 -2.12 -1.72	24.81 -2.40 -0.97	26.92 -2.64 -0.12	27.05 -2.46 -0.11	25.98 -2.18 -0.42	28.11 -1.73 0.00	25.86 -1.25 0.00
HARZA MOOSE__RIVER 24016	34.41 -0.34 -0.07	23.22 -0.31 -0.94	10.15 -0.11 -2.40	25.62 -0.37 -0.28	16.96 -0.22 -1.89	30.82 -0.21 -1.43	44.56 0.04 -0.24	40.08 0.22 -0.24	31.83 0.48 -0.25	29.47 0.15 0.00	31.43 0.17 0.00	30.35 -0.02 -0.98	26.61 -0.05 -0.54	28.61 -0.13 0.00	29.65 -0.22 0.00	31.85 -0.03 0.00	30.32 -0.10 -0.01	26.24 -0.22 -1.37	27.67 -0.27 -1.70	30.64 -0.33 -1.52	30.59 -0.35 -1.53	28.90 -0.41 -1.56	30.81 -0.53 -1.50	28.04 -0.49 -1.42
HDSNBRDG_115KV_BRDG_TB1 355580	34.47 -0.41 -0.21	24.98 -0.29 -2.68	14.63 -0.10 -6.86	26.11 -0.40 -0.81	20.46 -0.24 -5.42	33.25 -0.43 -4.08	44.33 -0.63 -0.68	39.79 -0.56 -0.74	31.44 -0.49 -0.83	28.81 -0.50 0.00	30.70 -0.57 0.00	28.89 -0.50 0.00	25.68 -0.45 0.00	28.21 -0.54 0.00	29.35 -0.51 0.00	31.42 -0.46 0.00	30.02 -0.41 -0.02	26.12 -0.29 -1.33	26.60 -0.38 -0.74	29.15 -0.39 -0.09	29.17 -0.32 -0.08	27.74 -0.32 -0.32	29.48 -0.36 0.00	26.83 -0.28 0.00
HELLGATE_13_KV_LD 55870	37.92 2.03 -1.22	39.30 1.29 -15.42	47.78 0.45 -39.46	31.77 1.44 -4.62	47.27 0.80 -31.18	54.73 1.66 -23.46	50.98 2.80 -3.89	46.56 2.76 -4.18	37.87 2.15 -4.62	45.20 2.07 -13.81	33.56 2.30 0.00	31.45 2.05 0.00	28.54 1.69 -0.72	31.20 1.78 -0.67	31.79 1.93 0.00	35.36 2.09 -1.38	32.65 2.11 -0.12	34.48 1.83 -7.57	32.40 1.92 -4.25	31.95 1.99 -0.52	31.71 1.85 -0.46	31.23 1.64 -1.85	31.40 1.55 0.00	28.58 1.47 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	37.92 2.03 -1.22	39.30 1.29 -15.42	47.78 0.45 -39.46	31.77 1.44 -4.62	47.27 0.80 -31.18	54.73 1.66 -23.46	50.98 2.80 -3.89	46.56 2.76 -4.18	37.87 2.15 -4.62	45.20 2.07 -13.81	33.56 2.30 0.00	31.45 2.05 0.00	28.54 1.69 -0.72	31.20 1.78 -0.67	31.79 1.93 0.00	35.36 2.09 -1.38	32.65 2.11 -0.12	34.48 1.83 -7.57	32.40 1.92 -4.25	31.95 1.99 -0.52	31.71 1.85 -0.46	31.23 1.64 -1.85	31.40 1.55 0.00	28.58 1.47 0.00
HEMPSTEAD____ 23647	81.02 2.53 -43.82	53.97 1.66 -29.73	64.16 0.55 -55.75	32.13 1.79 -4.63	85.77 1.07 -69.42	96.95 2.16 -65.18	108.64 3.51 -60.85	116.14 3.25 -73.29	72.28 2.48 -38.69	45.33 2.26 -13.74	33.59 2.33 0.00	31.39 2.00 0.00	28.59 1.74 -0.72	32.68 2.01 -1.93	31.93 2.06 0.00	40.35 2.40 -6.06	36.48 2.40 -3.67	42.97 2.04 -15.85	36.34 2.16 -7.94	32.23 2.27 -0.52	32.02 2.15 -0.46	33.39 1.98 -3.66	46.19 2.01 -14.33	30.63 1.85 -1.66
HEWLETT__69_KV_BK3 55828	86.27 2.98 -48.62	63.07 1.84 -38.64	80.41 0.66 -71.88	32.46 2.08 -4.68	103.89 1.24 -87.37	138.68 2.50 -106.59	142.77 4.13 -94.35	124.49 3.80 -81.07	76.51 2.88 -42.53	45.64 2.58 -13.74	33.93 2.66 0.00	31.69 2.29 0.00	28.90 2.05 -0.73	37.66 2.34 -6.57	32.25 2.38 0.00	41.05 2.76 -6.40	37.23 2.79 -4.03	43.85 2.39 -16.37	36.90 2.50 -8.16	32.61 2.65 -0.52	32.42 2.55 -0.46	33.93 2.34 -3.85	48.16 2.37 -15.94	34.08 2.18 -4.79
HICKLING____1 23621	34.66 -0.41 -0.39	27.27 -0.31 -4.99	20.53 -0.11 -12.77	26.72 -0.48 -1.50	25.14 -0.24 -10.09	36.82 -0.37 -7.59	44.97 -0.57 -1.26	40.40 -0.58 -1.36	31.89 -0.72 -1.51	28.55 -0.76 0.00	30.56 -0.70 0.00	28.98 -0.41 0.00	25.70 -0.43 0.00	28.14 -0.60 0.00	29.29 -0.57 0.00	31.37 -0.51 0.00	29.79 -0.67 -0.04	27.07 -0.48 -2.47	26.80 -0.82 -1.38	28.71 -0.90 -0.17	28.79 -0.76 -0.15	27.59 -0.76 -0.60	29.12 -0.73 0.00	26.62 -0.49 0.00
HICKLING____2 23622	34.66 -0.41 -0.39	27.27 -0.31 -4.99	20.53 -0.11 -12.77	26.72 -0.48 -1.50	25.14 -0.24 -10.09	36.82 -0.37 -7.59	44.97 -0.57 -1.26	40.40 -0.58 -1.36	31.89 -0.72 -1.51	28.55 -0.76 0.00	30.56 -0.70 0.00	28.98 -0.41 0.00	25.70 -0.43 0.00	28.14 -0.60 0.00	29.29 -0.57 0.00	31.37 -0.51 0.00	29.79 -0.67 -0.04	27.07 -0.48 -2.47	26.80 -0.82 -1.38	28.71 -0.90 -0.17	28.79 -0.76 -0.15	27.59 -0.76 -0.60	29.12 -0.73 0.00	26.62 -0.49 0.00
HIGH FALLS____HY 23754	37.91 2.00 -1.23	39.43 1.26 -15.58	48.19 0.43 -39.89	31.78 1.40 -4.67	47.61 0.81 -31.52	55.05 1.73 -23.72	51.17 2.95 -3.94	46.69 2.85 -4.23	37.87 2.11 -4.66	31.22 1.90 0.00	33.17 1.90 0.00	31.03 1.63 0.00	27.44 1.31 0.00	30.17 1.42 0.00	31.42 1.55 0.00	33.48 1.60 0.00	32.31 1.77 -0.12	34.41 1.68 -7.65	32.25 1.73 -4.29	31.80 1.83 -0.52	31.62 1.75 -0.47	31.37 1.76 -1.87	31.54 1.70 0.00	28.68 1.57 0.00
HILLBURN____GT 23639	37.49 1.66 -1.16	38.34 1.05 -14.70	45.85 0.36 -37.62	31.31 1.19 -4.41	45.69 0.67 -29.73	53.41 1.43 -22.37	50.41 2.41 -3.71	45.87 2.27 -3.99	37.21 1.71 -4.40	11.37 1.57 19.52	33.01 1.74 0.00	30.95 1.55 0.00	26.37 1.26 1.02	29.13 1.33 0.95	31.30 1.43 0.00	31.51 1.58 1.96	32.19 1.65 -0.12	33.83 1.53 -7.22	31.87 1.58 -4.05	31.56 1.62 -0.49	31.36 1.51 -0.44	30.88 1.37 -1.76	31.14 1.30 0.00	28.34 1.23 0.00
HILLSIDE_115KV_TB1 80332	34.43 -0.66 -0.41	27.29 -0.46 -5.17	20.92 -0.16 -13.22	26.63 -0.63 -1.55	25.40 -0.33 -10.45	36.81 -0.65 -7.86	44.58 -1.01 -1.30	40.09 -0.93 -1.41	31.71 -0.95 -1.56	28.38 -0.94 0.00	30.39 -0.87 0.00	28.85 -0.55 0.00	25.57 -0.55 0.00	28.04 -0.70 0.00	29.11 -0.75 0.00	31.11 -0.76 0.00	29.55 -0.90 -0.04	27.01 -0.62 -2.55	26.70 -0.97 -1.43	28.56 -1.06 -0.17	28.64 -0.92 -0.16	27.47 -0.90 -0.62	28.96 -0.88 0.00	26.49 -0.62 0.00
HISHELDN_WT_PWR 323625	33.17 -1.82 -0.31	25.24 -1.26 -3.91	17.41 -0.47 -10.01	25.20 -1.68 -1.17	22.20 -0.99 -7.91	33.74 -1.81 -5.95	42.26 -3.01 -0.99	37.83 -2.85 -1.07	29.86 -2.42 -1.18	27.19 -2.13 0.00	29.05 -2.22 0.00	27.54 -1.86 0.00	24.48 -1.65 0.00	26.72 -2.02 0.00	27.77 -2.10 0.00	29.75 -2.13 0.00	28.08 -2.36 -0.03	24.85 -2.10 -1.87	24.90 -2.42 -1.08	26.94 -2.64 -0.13	27.04 -2.48 -0.12	25.90 -2.31 -0.47	27.83 -2.02 0.00	25.53 -1.58 0.00
HOLTSVILLE_IC_1 23690	92.01 3.31 -54.03	54.06 2.15 -29.32	64.53 0.72 -55.94	32.65 2.32 -4.62	86.62 1.42 -69.92	84.45 2.87 -51.98	106.05 4.59 -57.17	133.69 4.24 -89.83	81.19 3.24 -46.85	45.96 2.90 -13.74	34.12 2.86 0.00	31.74 2.34 0.00	28.96 2.12 -0.72	31.42 2.45 -0.23	32.41 2.54 0.00	39.67 3.10 -4.69	36.04 3.13 -2.49	41.56 2.62 -13.85	36.01 2.86 -6.91	32.97 3.01 -0.52	32.72 2.86 -0.46	33.46 2.65 -3.06	50.35 2.74 -17.76	30.28 2.48 -0.69

HOLTSVILLE_IC_10 23699	92.05 3.50 -53.87	54.20 2.27 -29.34	64.60 0.76 -55.96	32.79 2.46 -4.62	86.72 1.50 -69.94	84.90 3.05 -52.25	106.44 4.87 -57.28	133.70 4.50 -89.58	81.26 3.43 -46.72	46.13 3.07 -13.74	34.29 3.03 0.00	31.89 2.50 0.00	29.09 2.25 -0.72	31.60 2.59 -0.27	32.57 2.71 0.00	39.90 3.31 -4.71	36.28 3.35 -2.51	41.73 2.76 -13.88	36.24 3.07 -6.93	33.20 3.24 -0.52	32.94 3.08 -0.46	33.66 2.85 -3.07	50.51 2.95 -17.72	30.48 2.65 -0.71
HOLTSVILLE_IC_2 23691	92.01 3.31 -54.03	54.06 2.15 -29.32	64.53 0.72 -55.94	32.65 2.32 -4.62	86.62 1.42 -69.92	84.45 2.87 -51.98	106.05 4.59 -57.17	133.69 4.24 -89.83	81.19 3.24 -46.85	45.96 2.90 -13.74	34.12 2.86 0.00	31.74 2.34 0.00	28.96 2.12 -0.72	31.42 2.45 -0.23	32.41 2.54 0.00	39.67 3.10 -4.69	36.04 3.13 -2.49	41.56 2.62 -13.85	36.01 2.86 -6.91	32.97 3.01 -0.52	32.72 2.86 -0.46	33.46 2.65 -3.06	50.35 2.74 -17.76	30.28 2.48 -0.69
HOLTSVILLE_IC_3 23692	92.01 3.31 -54.03	54.06 2.15 -29.32	64.53 0.72 -55.94	32.65 2.32 -4.62	86.62 1.42 -69.92	84.45 2.87 -51.98	106.05 4.59 -57.17	133.69 4.24 -89.83	81.19 3.24 -46.85	45.96 2.90 -13.74	34.12 2.86 0.00	31.74 2.34 0.00	28.96 2.12 -0.72	31.42 2.45 -0.23	32.41 2.54 0.00	39.67 3.10 -4.69	36.04 3.13 -2.49	41.56 2.62 -13.85	36.01 2.86 -6.91	32.97 3.01 -0.52	32.72 2.86 -0.46	33.46 2.65 -3.06	50.35 2.74 -17.76	30.28 2.48 -0.69
HOLTSVILLE_IC_4 23693	92.01 3.31 -54.03	54.06 2.15 -29.32	64.53 0.72 -55.94	32.65 2.32 -4.62	86.62 1.42 -69.92	84.45 2.87 -51.98	106.05 4.59 -57.17	133.69 4.24 -89.83	81.19 3.24 -46.85	45.96 2.90 -13.74	34.12 2.86 0.00	31.74 2.34 0.00	28.96 2.12 -0.72	31.42 2.45 -0.23	32.41 2.54 0.00	39.67 3.10 -4.69	36.04 3.13 -2.49	41.56 2.62 -13.85	36.01 2.86 -6.91	32.97 3.01 -0.52	32.72 2.86 -0.46	33.46 2.65 -3.06	50.35 2.74 -17.76	30.28 2.48 -0.69
HOLTSVILLE_IC_5 23694	92.01 3.31 -54.03	54.06 2.15 -29.32	64.53 0.72 -55.94	32.65 2.32 -4.62	86.62 1.42 -69.92	84.45 2.87 -51.98	106.05 4.59 -57.17	133.69 4.24 -89.83	81.19 3.24 -46.85	45.96 2.90 -13.74	34.12 2.86 0.00	31.74 2.34 0.00	28.96 2.12 -0.72	31.42 2.45 -0.23	32.41 2.54 0.00	39.67 3.10 -4.69	36.04 3.13 -2.49	41.56 2.62 -13.85	36.01 2.86 -6.91	32.97 3.01 -0.52	32.72 2.86 -0.46	33.46 2.65 -3.06	50.35 2.74 -17.76	30.28 2.48 -0.69
HOLTSVILLE_IC_6 23695	92.05 3.50 -53.87	54.20 2.27 -29.34	64.60 0.76 -55.96	32.79 2.46 -4.62	86.72 1.50 -69.94	84.90 3.05 -52.25	106.44 4.87 -57.28	133.70 4.50 -89.58	81.26 3.43 -46.72	46.13 3.07 -13.74	34.29 3.03 0.00	31.89 2.50 0.00	29.09 2.25 -0.72	31.60 2.59 -0.27	32.57 2.71 0.00	39.90 3.31 -4.71	36.28 3.35 -2.51	41.73 2.76 -13.88	36.24 3.07 -6.93	33.20 3.24 -0.52	32.94 3.08 -0.46	33.66 2.85 -3.07	50.51 2.95 -17.72	30.48 2.65 -0.71
HOLTSVILLE_IC_7 23696	92.05 3.50 -53.87	54.20 2.27 -29.34	64.60 0.76 -55.96	32.79 2.46 -4.62	86.72 1.50 -69.94	84.90 3.05 -52.25	106.44 4.87 -57.28	133.70 4.50 -89.58	81.26 3.43 -46.72	46.13 3.07 -13.74	34.29 3.03 0.00	31.89 2.50 0.00	29.09 2.25 -0.72	31.60 2.59 -0.27	32.57 2.71 0.00	39.90 3.31 -4.71	36.28 3.35 -2.51	41.73 2.76 -13.88	36.24 3.07 -6.93	33.20 3.24 -0.52	32.94 3.08 -0.46	33.66 2.85 -3.07	50.51 2.95 -17.72	30.48 2.65 -0.71
HOLTSVILLE_IC_8 23697	92.05 3.50 -53.87	54.20 2.27 -29.34	64.60 0.76 -55.96	32.79 2.46 -4.62	86.72 1.50 -69.94	84.90 3.05 -52.25	106.44 4.87 -57.28	133.70 4.50 -89.58	81.26 3.43 -46.72	46.13 3.07 -13.74	34.29 3.03 0.00	31.89 2.50 0.00	29.09 2.25 -0.72	31.60 2.59 -0.27	32.57 2.71 0.00	39.90 3.31 -4.71	36.28 3.35 -2.51	41.73 2.76 -13.88	36.24 3.07 -6.93	33.20 3.24 -0.52	32.94 3.08 -0.46	33.66 2.85 -3.07	50.51 2.95 -17.72	30.48 2.65 -0.71
HOLTSVILLE_IC_9 23698	92.05 3.50 -53.87	54.20 2.27 -29.34	64.60 0.76 -55.96	32.79 2.46 -4.62	86.72 1.50 -69.94	84.90 3.05 -52.25	106.44 4.87 -57.28	133.70 4.50 -89.58	81.26 3.43 -46.72	46.13 3.07 -13.74	34.29 3.03 0.00	31.89 2.50 0.00	29.09 2.25 -0.72	31.60 2.59 -0.27	32.57 2.71 0.00	39.90 3.31 -4.71	36.28 3.35 -2.51	41.73 2.76 -13.88	36.24 3.07 -6.93	33.20 3.24 -0.52	32.94 3.08 -0.46	33.66 2.85 -3.07	50.51 2.95 -17.72	30.48 2.65 -0.71
HOMER_HL_115KV_TB2 355744	35.38 0.40 -0.31	26.68 0.19 -3.90	17.90 0.05 -9.98	26.90 0.02 -1.17	23.21 0.04 -7.89	35.42 -0.12 -5.93	44.74 -0.53 -0.99	40.17 -0.51 -1.06	31.55 -0.73 -1.18	28.87 -0.45 0.00	31.04 -0.22 0.00	29.58 0.18 0.00	26.34 0.22 0.00	28.69 -0.05 0.00	29.83 -0.03 0.00	31.80 -0.08 0.00	30.10 -0.34 -0.03	26.64 -0.34 -1.90	26.53 -0.78 -1.08	28.84 -0.73 -0.13	29.07 -0.45 -0.12	27.93 -0.29 -0.47	29.96 0.11 0.00	27.42 0.31 0.00
HOWARD_WT_PWR 323690	32.82 -2.20 -0.34	25.45 -1.50 -4.36	18.50 -0.53 -11.16	25.24 -1.77 -1.31	23.15 -0.95 -8.82	34.80 -1.44 -6.64	43.06 -2.33 -1.10	38.28 -2.52 -1.19	30.08 -2.35 -1.32	27.05 -2.27 0.00	29.01 -2.26 0.00	27.30 -2.10 0.00	24.09 -2.04 0.00	26.33 -2.41 0.00	27.81 -2.06 0.00	29.86 -2.02 0.00	28.12 -2.33 -0.04	25.30 -2.03 -2.25	24.90 -2.55 -1.21	26.69 -2.90 -0.15	26.85 -2.69 -0.13	25.65 -2.63 -0.52	27.12 -2.73 0.00	24.75 -2.37 0.00
HQ_GEN_CEDARS 23644	34.77 0.10 0.00	22.67 0.08 0.00	7.89 0.03 0.00	25.83 0.12 0.00	15.33 0.05 0.00	29.67 0.07 0.00	44.06 -0.22 0.00	39.46 -0.15 0.00	31.26 0.15 0.00	29.52 0.20 0.00	31.35 0.09 0.00	30.92 0.25 -1.27	27.08 0.25 -0.70	29.06 0.32 0.00	30.12 0.25 0.00	32.08 0.20 0.00	30.45 0.04 0.00	26.23 -0.10 -1.25	28.23 -0.07 -2.06	31.56 -0.07 -2.18	31.56 -0.04 -2.20	29.82 -0.03 -2.11	32.06 0.02 -2.20	29.00 -0.19 -2.08
HQ_GEN_CEDARS_PROXY 323590	34.77 0.10 0.00	22.66 0.08 0.00	7.89 0.03 0.00	25.83 0.12 0.00	15.33 0.05 0.00	29.67 0.07 0.00	44.07 -0.22 0.00	39.47 -0.15 0.00	31.26 0.15 0.00	29.52 0.20 0.00	31.35 0.09 0.00	30.91 0.24 -1.27	27.08 0.25 -0.70	29.06 0.32 0.00	30.12 0.25 0.00	32.08 0.20 0.00	30.45 0.04 0.00	26.23 -0.10 -1.25	28.23 -0.07 -2.06	31.56 -0.07 -2.18	31.56 -0.04 -2.20	29.82 -0.03 -2.11	32.06 0.02 -2.20	29.00 -0.19 -2.08
HQ_GEN_IMPORT 323601	34.51 -0.17 0.00	22.49 -0.10 0.00	7.83 -0.04 0.00	25.64 -0.07 0.00	15.24 -0.04 0.00	29.48 -0.12 0.00	34.15 -0.26 9.87	39.37 -0.25 0.00	30.96 -0.14 0.00	29.24 -0.07 0.00	31.20 -0.06 0.00	29.38 -0.02 0.00	26.15 0.02 0.00	28.77 0.03 0.00	29.85 -0.02 0.00	31.80 -0.08 0.00	30.28 -0.13 0.00	24.91 -0.17 0.00	26.10 -0.14 0.00	29.30 -0.14 0.00	29.27 -0.14 0.00	27.63 -0.12 0.00	29.80 -0.05 0.00	26.98 -0.13 0.00
HQ_GEN_WHEEL 23651	34.51 -0.17 0.00	22.49 -0.10 0.00	7.83 -0.04 0.00	25.64 -0.07 0.00	15.24 -0.04 0.00	29.48 -0.12 0.00	34.15 -0.26 9.87	39.37 -0.25 0.00	30.96 -0.14 0.00	29.24 -0.07 0.00	31.20 -0.06 0.00	29.38 -0.02 0.00	26.15 0.02 0.00	28.77 0.03 0.00	29.85 -0.02 0.00	31.80 -0.08 0.00	30.28 -0.13 0.00	24.91 -0.17 0.00	26.10 -0.14 0.00	29.30 -0.14 0.00	29.27 -0.14 0.00	27.63 -0.12 0.00	29.80 -0.05 0.00	26.98 -0.13 0.00

HUDSON AVE_GT_3 23810	37.93 2.04 -1.22	39.31 1.30 -15.42	47.78 0.45 -39.46	31.78 1.45 -4.62	47.29 0.83 -31.18	54.75 1.68 -23.46	51.02 2.84 -3.89	46.55 2.76 -4.18	37.87 2.16 -4.62	45.22 2.06 -13.84	33.54 2.28 0.00	31.44 2.04 0.00	28.51 1.66 -0.72	31.21 1.79 -0.67	31.79 1.92 0.00	35.36 2.10 -1.39	32.69 2.15 -0.12	34.53 1.88 -7.57	32.44 1.96 -4.25	31.99 2.02 -0.52	31.74 1.88 -0.46	31.27 1.68 -1.85	31.44 1.60 0.00	28.61 1.50 0.00
HUDSON AVE_GT_4 23540	37.93 2.04 -1.22	39.31 1.30 -15.42	47.78 0.45 -39.46	31.78 1.45 -4.62	47.29 0.83 -31.18	54.75 1.68 -23.46	51.02 2.84 -3.89	46.55 2.76 -4.18	37.87 2.16 -4.62	45.22 2.06 -13.84	33.54 2.28 0.00	31.44 2.04 0.00	28.51 1.66 -0.72	31.21 1.79 -0.67	31.79 1.92 0.00	35.36 2.10 -1.39	32.69 2.15 -0.12	34.53 1.88 -7.57	32.44 1.96 -4.25	31.99 2.02 -0.52	31.74 1.88 -0.46	31.27 1.68 -1.85	31.44 1.60 0.00	28.61 1.50 0.00
HUDSON AVE_GT_5 23657	37.93 2.04 -1.22	39.31 1.30 -15.42	47.78 0.45 -39.46	31.78 1.45 -4.62	47.29 0.83 -31.18	54.75 1.68 -23.46	51.02 2.84 -3.89	46.55 2.76 -4.18	37.87 2.16 -4.62	45.22 2.06 -13.84	33.54 2.28 0.00	31.44 2.04 0.00	28.51 1.66 -0.72	31.21 1.79 -0.67	31.79 1.92 0.00	35.36 2.10 -1.39	32.69 2.15 -0.12	34.53 1.88 -7.57	32.44 1.96 -4.25	31.99 2.02 -0.52	31.74 1.88 -0.46	31.27 1.68 -1.85	31.44 1.60 0.00	28.61 1.50 0.00
HUDSON_AVE_10 24168	37.81 1.91 -1.22	39.22 1.22 -15.42	47.75 0.42 -39.46	31.69 1.36 -4.62	47.24 0.78 -31.18	54.63 1.57 -23.46	50.85 2.67 -3.89	46.37 2.58 -4.18	37.73 2.02 -4.62	45.09 1.93 -13.84	33.39 2.13 0.00	31.31 1.91 0.00	28.40 1.55 -0.72	31.08 1.66 -0.67	31.65 1.78 0.00	35.21 1.94 -1.39	32.55 2.01 -0.12	34.44 1.79 -7.57	32.33 1.85 -4.25	31.87 1.91 -0.52	31.62 1.76 -0.46	31.16 1.57 -1.85	31.30 1.46 0.00	28.49 1.38 0.00
HUDSON___115KV_TB 4 355613	38.16 2.01 -1.48	42.61 1.29 -18.73	56.25 0.43 -47.95	32.74 1.42 -5.62	54.03 0.85 -37.89	59.82 1.71 -28.51	51.63 2.62 -4.73	46.93 2.23 -5.08	38.44 1.73 -5.61	33.35 1.37 -2.66	32.70 1.44 0.00	30.62 1.22 0.00	27.31 1.05 -0.14	30.14 1.26 -0.13	31.36 1.49 0.00	33.86 1.71 -0.27	32.35 1.79 -0.15	35.78 1.50 -9.20	33.01 1.61 -5.16	31.84 1.77 -0.63	31.59 1.62 -0.56	31.50 1.50 -2.25	31.26 1.42 0.00	28.47 1.36 0.00
HUNTER MOUNT___DRP 323613	38.51 2.40 -1.44	42.35 1.54 -18.23	55.04 0.52 -46.65	32.86 1.69 -5.46	53.18 1.03 -36.87	59.40 2.05 -27.74	52.05 3.16 -4.60	47.25 2.69 -4.95	38.62 2.07 -5.46	33.08 1.61 -2.15	32.91 1.64 0.00	30.80 1.41 0.00	27.46 1.22 -0.11	30.32 1.48 -0.10	31.64 1.77 0.00	34.14 2.04 -0.22	32.72 2.16 -0.15	35.82 1.79 -8.95	33.18 1.92 -5.02	32.20 2.15 -0.61	31.92 1.97 -0.55	31.73 1.79 -2.19	31.57 1.73 0.00	28.73 1.62 0.00
HUNTINGTON_RES_REC 323705	91.71 3.33 -53.71	54.08 2.15 -29.34	64.54 0.72 -55.95	32.65 2.33 -4.62	86.59 1.39 -69.92	84.85 2.83 -52.42	106.15 4.55 -57.31	133.14 4.21 -89.32	80.92 3.22 -46.59	45.93 2.87 -13.74	34.09 2.83 0.00	31.71 2.31 0.00	28.92 2.08 -0.72	31.44 2.41 -0.29	32.35 2.48 0.00	39.65 3.04 -4.73	36.04 3.10 -2.53	41.61 2.61 -13.92	36.02 2.84 -6.94	32.97 3.01 -0.52	32.72 2.86 -0.46	33.31 2.48 -3.09	49.77 2.32 -17.61	29.94 2.09 -0.74
HUNTLEY___63 23557	33.31 -1.65 -0.28	24.98 -1.20 -3.59	16.60 -0.45 -9.18	25.18 -1.60 -1.08	21.56 -0.98 -7.25	33.30 -1.76 -5.46	42.17 -3.03 -0.91	37.72 -2.87 -0.98	29.88 -2.31 -1.09	27.33 -1.99 0.00	29.07 -2.19 0.00	27.61 -1.79 0.00	24.62 -1.51 0.00	26.90 -1.84 0.00	27.82 -2.04 0.00	29.74 -2.14 0.00	28.21 -2.23 -0.03	24.89 -1.93 -1.75	25.02 -2.22 -0.99	27.14 -2.43 -0.12	27.26 -2.25 -0.11	26.18 -2.00 -0.43	28.31 -1.54 0.00	26.01 -1.11 0.00
HUNTLEY___64 23558	33.31 -1.65 -0.28	24.98 -1.20 -3.59	16.60 -0.45 -9.18	25.18 -1.60 -1.08	21.56 -0.98 -7.25	33.30 -1.76 -5.46	42.17 -3.03 -0.91	37.72 -2.87 -0.98	29.88 -2.31 -1.09	27.33 -1.99 0.00	29.07 -2.19 0.00	27.61 -1.79 0.00	24.62 -1.51 0.00	26.90 -1.84 0.00	27.82 -2.04 0.00	29.74 -2.14 0.00	28.21 -2.23 -0.03	24.89 -1.93 -1.75	25.02 -2.22 -0.99	27.14 -2.43 -0.12	27.26 -2.25 -0.11	26.18 -2.00 -0.43	28.31 -1.54 0.00	26.01 -1.11 0.00
HUNTLEY___65 23559	33.31 -1.65 -0.28	24.98 -1.20 -3.59	16.60 -0.45 -9.18	25.18 -1.60 -1.08	21.56 -0.98 -7.25	33.30 -1.76 -5.46	42.17 -3.03 -0.91	37.72 -2.87 -0.98	29.88 -2.31 -1.09	27.33 -1.99 0.00	29.07 -2.19 0.00	27.61 -1.79 0.00	24.62 -1.51 0.00	26.90 -1.84 0.00	27.82 -2.04 0.00	29.74 -2.14 0.00	28.21 -2.23 -0.03	24.89 -1.93 -1.75	25.02 -2.22 -0.99	27.14 -2.43 -0.12	27.26 -2.25 -0.11	26.18 -2.00 -0.43	28.31 -1.54 0.00	26.01 -1.11 0.00
HUNTLEY___66 23560	33.31 -1.65 -0.28	24.98 -1.20 -3.59	16.60 -0.45 -9.18	25.18 -1.60 -1.08	21.56 -0.98 -7.25	33.30 -1.76 -5.46	42.17 -3.03 -0.91	37.72 -2.87 -0.98	29.88 -2.31 -1.09	27.33 -1.99 0.00	29.07 -2.19 0.00	27.61 -1.79 0.00	24.62 -1.51 0.00	26.90 -1.84 0.00	27.82 -2.04 0.00	29.74 -2.14 0.00	28.21 -2.23 -0.03	24.89 -1.93 -1.75	25.02 -2.22 -0.99	27.14 -2.43 -0.12	27.26 -2.25 -0.11	26.18 -2.00 -0.43	28.31 -1.54 0.00	26.01 -1.11 0.00
HUNTLEY___67 23561	33.13 -1.83 -0.29	24.92 -1.30 -3.63	16.68 -0.48 -9.29	25.06 -1.74 -1.09	21.58 -1.05 -7.34	33.22 -1.91 -5.52	41.91 -3.30 -0.92	37.52 -3.09 -0.99	29.71 -2.49 -1.10	27.15 -2.17 0.00	28.92 -2.35 0.00	27.44 -1.95 0.00	24.49 -1.64 0.00	26.75 -2.00 0.00	27.69 -2.18 0.00	29.59 -2.29 0.00	28.05 -2.39 -0.03	24.77 -2.08 -1.76	24.85 -2.39 -1.00	26.96 -2.61 -0.12	27.09 -2.42 -0.11	26.03 -2.15 -0.44	28.13 -1.72 0.00	25.84 -1.27 0.00
HUNTLEY___68 23562	33.13 -1.83 -0.29	24.92 -1.30 -3.63	16.68 -0.48 -9.29	25.06 -1.74 -1.09	21.58 -1.05 -7.34	33.22 -1.91 -5.52	41.91 -3.30 -0.92	37.52 -3.09 -0.99	29.71 -2.49 -1.10	27.15 -2.17 0.00	28.92 -2.35 0.00	27.44 -1.95 0.00	24.49 -1.64 0.00	26.75 -2.00 0.00	27.69 -2.18 0.00	29.59 -2.29 0.00	28.05 -2.39 -0.03	24.77 -2.08 -1.76	24.85 -2.39 -1.00	26.96 -2.61 -0.12	27.09 -2.42 -0.11	26.03 -2.15 -0.44	28.13 -1.72 0.00	25.84 -1.27 0.00
HYLAND___LFGE 323620	35.15 0.17 -0.30	26.46 0.01 -3.87	17.74 -0.02 -9.90	26.63 -0.23 -1.16	23.00 -0.10 -7.82	35.60 0.11 -5.88	45.53 0.27 -0.98	40.93 0.26 -1.05	32.17 -0.11 -1.17	28.86 -0.46 0.00	30.23 -1.03 0.00	28.29 -1.10 0.00	25.12 -1.01 0.00	27.43 -1.31 0.00	28.58 -1.28 0.00	30.84 -1.04 0.00	29.99 -0.46 -0.03	26.89 -0.18 -1.99	26.93 -0.38 -1.07	29.18 -0.39 -0.13	29.32 -0.20 -0.12	27.98 -0.23 -0.47	29.74 -0.11 0.00	27.07 -0.04 0.00
INDECK___CORINTH 23802	37.34 1.11 -1.56	43.02 0.68 -19.76	58.65 0.21 -50.57	32.31 0.68 -5.92	55.69 0.44 -39.96	60.75 1.08 -30.07	51.11 1.84 -4.99	46.50 1.53 -5.36	38.15 1.14 -5.91	33.25 0.93 -3.00	32.17 0.91 0.00	30.12 0.73 0.00	26.91 0.63 -0.16	29.73 0.84 -0.15	30.94 1.07 0.00	33.28 1.10 -0.30	31.79 1.22 -0.16	35.85 1.08 -9.70	32.78 1.11 -5.44	31.24 1.13 -0.66	30.96 0.96 -0.59	31.06 0.94 -2.37	30.61 0.77 0.00	27.94 0.83 0.00

INDECK___ILION 23567	35.28 0.57 -0.03	23.33 0.36 -0.37	8.96 0.13 -0.96	26.25 0.42 -0.11	16.29 0.25 -0.76	30.71 0.54 -0.57	45.35 0.97 -0.09	40.56 0.85 -0.10	31.78 0.58 -0.10	29.73 0.41 0.00	31.63 0.37 0.00	29.66 0.26 0.00	26.28 0.15 0.00	28.96 0.21 0.00	30.22 0.36 0.00	32.34 0.46 0.00	30.94 0.53 0.00	25.77 0.50 -0.19	26.88 0.53 -0.11	29.98 0.52 -0.01	29.84 0.43 -0.01	28.18 0.39 -0.05	30.16 0.31 0.00	27.40 0.29 0.00
INDECK___OLEAN 23982	35.36 0.38 -0.31	26.68 0.19 -3.90	17.90 0.05 -9.98	26.90 0.02 -1.17	23.21 0.04 -7.89	35.43 -0.11 -5.93	44.73 -0.54 -0.99	40.15 -0.52 -1.06	31.55 -0.73 -1.18	28.87 -0.44 0.00	31.05 -0.22 0.00	29.57 0.17 0.00	26.34 0.21 0.00	28.69 -0.05 0.00	29.83 -0.03 0.00	31.80 -0.07 0.00	30.11 -0.34 -0.03	26.64 -0.34 -1.90	26.54 -0.78 -1.08	28.83 -0.75 -0.13	29.07 -0.45 -0.12	27.92 -0.29 -0.47	29.97 0.13 0.00	27.42 0.31 0.00
INDECK___OSWEGO 23783	33.94 -0.93 -0.19	24.37 -0.62 -2.40	13.79 -0.22 -6.14	25.66 -0.76 -0.72	19.68 -0.46 -4.85	32.39 -0.86 -3.65	43.60 -1.29 -0.61	39.18 -1.09 -0.66	31.00 -0.85 -0.74	28.48 -0.84 0.00	30.33 -0.94 0.00	28.52 -0.87 0.00	25.34 -0.79 0.00	27.84 -0.91 0.00	28.94 -0.92 0.00	30.99 -0.89 0.00	29.62 -0.81 -0.02	25.66 -0.63 -1.20	26.19 -0.71 -0.67	28.78 -0.75 -0.08	28.80 -0.67 -0.07	27.37 -0.67 -0.29	29.12 -0.73 0.00	26.48 -0.64 0.00
INDECK___YERKES 23781	33.32 -1.64 -0.28	25.00 -1.18 -3.59	16.61 -0.44 -9.18	25.20 -1.58 -1.08	21.58 -0.96 -7.25	33.32 -1.74 -5.46	42.21 -2.99 -0.91	37.73 -2.86 -0.98	29.91 -2.28 -1.09	27.36 -1.96 0.00	29.10 -2.17 0.00	27.64 -1.76 0.00	24.65 -1.48 0.00	26.94 -1.80 0.00	27.85 -2.01 0.00	29.78 -2.10 0.00	28.24 -2.20 -0.03	24.92 -1.91 -1.75	25.05 -2.18 -0.99	27.17 -2.40 -0.12	27.28 -2.22 -0.11	26.21 -1.97 -0.43	28.35 -1.49 0.00	26.04 -1.08 0.00
INDIAN POINT_GT_1 24139	37.63 1.75 -1.20	38.97 1.12 -15.26	47.32 0.39 -39.07	31.53 1.25 -4.58	46.87 0.72 -30.87	54.31 1.48 -23.23	50.65 2.51 -3.85	46.12 2.37 -4.14	37.48 1.81 -4.57	47.36 1.69 -16.36	33.10 1.84 0.00	31.03 1.63 0.00	28.30 1.32 -0.85	30.97 1.43 -0.79	31.40 1.54 0.00	35.21 1.69 -1.64	32.29 1.75 -0.12	34.16 1.58 -7.49	32.09 1.65 -4.20	31.65 1.69 -0.51	31.43 1.57 -0.46	31.00 1.43 -1.83	31.20 1.36 0.00	28.40 1.29 0.00
INDIAN POINT_GT_2 23659	37.63 1.75 -1.20	38.97 1.12 -15.26	47.32 0.39 -39.07	31.53 1.25 -4.58	46.87 0.72 -30.87	54.31 1.48 -23.23	50.65 2.51 -3.85	46.12 2.37 -4.14	37.48 1.81 -4.57	47.36 1.69 -16.36	33.10 1.84 0.00	31.03 1.63 0.00	28.30 1.32 -0.85	30.97 1.43 -0.79	31.40 1.54 0.00	35.21 1.69 -1.64	32.29 1.75 -0.12	34.16 1.58 -7.49	32.09 1.65 -4.20	31.65 1.69 -0.51	31.43 1.57 -0.46	31.00 1.43 -1.83	31.20 1.36 0.00	28.40 1.29 0.00
INDIAN POINT_GT_3 24019	37.63 1.75 -1.20	38.97 1.12 -15.26	47.32 0.39 -39.07	31.53 1.25 -4.58	46.87 0.72 -30.87	54.31 1.48 -23.23	50.65 2.51 -3.85	46.12 2.37 -4.14	37.48 1.81 -4.57	47.36 1.69 -16.36	33.10 1.84 0.00	31.03 1.63 0.00	28.30 1.32 -0.85	30.97 1.43 -0.79	31.40 1.54 0.00	35.21 1.69 -1.64	32.29 1.75 -0.12	34.16 1.58 -7.49	32.09 1.65 -4.20	31.65 1.69 -0.51	31.43 1.57 -0.46	31.00 1.43 -1.83	31.20 1.36 0.00	28.40 1.29 0.00
INDIAN POINT___2 23530	37.54 1.68 -1.19	38.72 1.07 -15.06	46.78 0.37 -38.54	31.42 1.20 -4.51	46.42 0.68 -30.45	53.94 1.43 -22.92	50.49 2.41 -3.80	45.98 2.28 -4.09	37.34 1.73 -4.51	53.09 1.60 -22.17	33.03 1.77 0.00	30.96 1.57 0.00	28.54 1.26 -1.16	31.18 1.36 -1.08	31.32 1.46 0.00	35.71 1.61 -2.22	32.21 1.68 -0.12	34.00 1.53 -7.39	31.96 1.58 -4.14	31.57 1.62 -0.50	31.36 1.51 -0.45	30.92 1.37 -1.81	31.14 1.29 0.00	28.35 1.24 0.00
INDIAN POINT___3 23531	37.58 1.70 -1.20	38.95 1.08 -15.27	47.33 0.37 -39.09	31.50 1.21 -4.58	46.87 0.69 -30.89	54.29 1.44 -23.24	50.58 2.43 -3.86	46.06 2.30 -4.14	37.42 1.75 -4.57	47.74 1.63 -16.79	33.06 1.80 0.00	30.98 1.58 0.00	28.29 1.29 -0.87	30.95 1.39 -0.81	31.36 1.49 0.00	35.21 1.65 -1.68	32.24 1.70 -0.12	34.11 1.53 -7.50	32.04 1.59 -4.20	31.60 1.64 -0.51	31.39 1.53 -0.46	30.96 1.38 -1.83	31.16 1.31 0.00	28.37 1.26 0.00
INGHAM_C_115KV_TB7 356103	35.79 1.09 -0.03	23.66 0.69 -0.37	9.08 0.25 -0.96	26.64 0.82 -0.11	16.51 0.47 -0.76	31.19 1.02 -0.57	46.19 1.81 -0.09	41.27 1.56 -0.10	32.25 1.05 -0.10	30.03 0.71 0.00	31.87 0.60 0.00	29.81 0.41 0.00	26.30 0.18 0.00	29.07 0.32 0.00	30.50 0.63 0.00	32.72 0.84 0.00	31.40 0.98 0.00	26.24 0.97 -0.19	27.38 1.04 -0.11	30.43 0.97 -0.01	30.18 0.77 -0.01	28.50 0.70 -0.05	30.37 0.52 0.00	27.58 0.47 0.00
IP CORINTH___1 23988	37.54 1.31 -1.56	43.15 0.81 -19.76	58.70 0.26 -50.57	32.45 0.83 -5.92	55.78 0.54 -39.96	60.92 1.25 -30.07	51.38 2.10 -4.99	46.73 1.76 -5.36	38.34 1.33 -5.91	33.42 1.10 -3.00	32.35 1.08 0.00	30.29 0.89 0.00	27.05 0.76 -0.16	29.89 1.00 -0.15	31.12 1.25 0.00	33.47 1.28 -0.30	31.97 1.39 -0.16	36.00 1.22 -9.70	32.93 1.26 -5.44	31.40 1.29 -0.66	31.12 1.13 -0.59	31.22 1.10 -2.37	30.79 0.95 0.00	28.10 0.99 0.00
IP___TICONDEROGA 23804	38.89 2.66 -1.56	43.90 1.59 -19.73	58.86 0.49 -50.50	33.15 1.53 -5.91	56.25 1.06 -39.91	62.18 2.55 -30.03	53.39 4.13 -4.98	48.54 3.58 -5.35	39.67 2.67 -5.90	34.41 2.08 -3.01	33.66 2.40 0.00	31.21 1.81 0.00	27.81 1.53 -0.16	30.90 2.01 -0.15	32.45 2.58 0.00	34.83 2.65 -0.30	33.34 2.76 -0.16	37.11 2.34 -9.69	34.02 2.35 -5.43	32.57 2.46 -0.66	32.15 2.16 -0.59	32.10 1.99 -2.37	31.82 1.98 0.00	29.34 2.23 0.00
ISLIP_RES_REC 323679	92.09 3.65 -53.77	54.30 2.36 -29.35	64.64 0.79 -55.98	32.88 2.55 -4.62	86.79 1.55 -69.95	85.21 3.18 -52.42	106.72 5.08 -57.36	133.73 4.69 -89.42	81.32 3.57 -46.65	46.26 3.19 -13.74	34.43 3.17 0.00	32.02 2.62 0.00	29.21 2.37 -0.72	31.75 2.72 -0.29	32.72 2.86 0.00	40.08 3.47 -4.72	36.45 3.52 -2.52	41.91 2.92 -13.90	36.41 3.23 -6.94	33.37 3.41 -0.52	33.10 3.23 -0.46	33.83 3.00 -3.08	50.63 3.11 -17.68	30.62 2.78 -0.73
JAMAICA__27_KV_LOAD 355505	38.05 2.16 -1.22	39.38 1.38 -15.42	47.79 0.47 -39.46	31.89 1.56 -4.62	47.33 0.86 -31.18	54.81 1.75 -23.46	51.12 2.95 -3.89	46.59 2.79 -4.18	37.90 2.18 -4.62	45.22 2.06 -13.84	33.54 2.27 0.00	31.45 2.05 0.00	28.53 1.68 -0.72	31.21 1.80 -0.67	31.77 1.91 0.00	35.35 2.08 -1.39	32.70 2.16 -0.12	34.59 1.94 -7.57	32.48 2.00 -4.25	32.06 2.09 -0.52	31.81 1.94 -0.46	31.34 1.75 -1.85	31.47 1.63 0.00	28.62 1.51 0.00
JANIS___SOLAR 323808	36.61 1.53 -0.40	28.68 0.95 -5.14	21.35 0.32 -13.16	28.26 1.01 -1.54	26.31 0.63 -10.40	38.78 1.36 -7.82	47.91 2.32 -1.30	43.28 2.26 -1.40	34.25 1.59 -1.55	30.48 1.16 0.00	32.14 0.87 0.00	30.20 0.80 0.00	26.79 0.66 0.00	29.49 0.74 0.00	30.78 0.91 0.00	33.09 1.21 0.00	31.66 1.20 -0.04	28.72 1.10 -2.54	28.69 1.03 -1.42	30.78 1.16 -0.17	30.65 1.09 -0.15	29.26 0.90 -0.62	30.70 0.86 0.00	27.87 0.76 0.00

JARVIS____ 23743	34.80 0.10 -0.03	23.03 0.07 -0.37	8.85 0.02 -0.96	25.90 0.08 -0.11	16.09 0.04 -0.76	30.29 0.11 -0.57	44.60 0.22 -0.09	39.91 0.20 -0.10	31.34 0.15 -0.10	29.41 0.10 0.00	31.36 0.10 0.00	29.46 0.06 0.00	26.17 0.04 0.00	28.79 0.05 0.00	29.92 0.06 0.00	31.96 0.08 0.00	30.49 0.07 0.00	25.34 0.08 -0.19	26.43 0.08 -0.11	29.55 0.09 -0.01	29.47 0.06 -0.01	27.85 0.06 -0.05	29.89 0.05 0.00	27.16 0.05 0.00
JENNISON____1 23625	36.70 1.54 -0.49	29.70 0.92 -6.20	24.03 0.30 -15.86	28.55 0.98 -1.86	28.40 0.59 -12.53	40.20 1.17 -9.43	48.00 2.15 -1.56	43.68 2.38 -1.68	34.83 1.86 -1.86	30.88 1.57 0.00	32.72 1.45 0.00	30.76 1.37 0.00	27.25 1.12 0.00	29.86 1.11 0.00	31.04 1.17 0.00	33.14 1.27 0.00	31.61 1.15 -0.05	29.02 0.88 -3.05	28.79 0.84 -1.71	30.59 0.93 -0.21	30.26 0.67 -0.19	29.07 0.58 -0.75	30.32 0.48 0.00	27.54 0.43 0.00
JENNISON____2 23626	36.70 1.54 -0.49	29.70 0.92 -6.20	24.03 0.30 -15.86	28.55 0.98 -1.86	28.40 0.59 -12.53	40.20 1.17 -9.43	48.00 2.15 -1.56	43.68 2.38 -1.68	34.83 1.86 -1.86	30.88 1.57 0.00	32.72 1.45 0.00	30.76 1.37 0.00	27.25 1.12 0.00	29.86 1.11 0.00	31.04 1.17 0.00	33.14 1.27 0.00	31.61 1.15 -0.05	29.02 0.88 -3.05	28.79 0.84 -1.71	30.59 0.93 -0.21	30.26 0.67 -0.19	29.07 0.58 -0.75	30.32 0.48 0.00	27.54 0.43 0.00
JERICHO_RISE_WT_PWR 323719	33.78 -0.89 0.00	22.07 -0.52 0.00	7.67 -0.19 0.00	25.10 -0.60 0.00	14.92 -0.36 0.00	28.90 -0.70 0.00	43.08 -1.21 0.00	38.49 -1.12 0.00	30.36 -0.74 0.00	28.66 -0.66 0.00	30.63 -0.63 0.00	-1.77 -0.88 30.28	8.60 -0.77 16.76	28.32 -0.42 0.00	29.74 -0.13 0.00	31.42 -0.46 0.00	29.92 -0.50 0.00	-5.64 -0.97 29.75	-24.73 -1.01 49.96	-24.99 -1.13 53.31	-25.45 -1.12 53.73	-24.85 -1.09 51.51	-25.02 -1.08 53.79	-24.80 -1.09 50.82
KATONAH____115KV_46KV_TB4 355592	38.04 2.14 -1.23	39.58 1.37 -15.62	48.32 0.47 -39.99	31.91 1.52 -4.69	47.77 0.88 -31.60	55.21 1.83 -23.77	51.29 3.06 -3.94	46.75 2.89 -4.24	38.00 2.22 -4.68	39.72 2.07 -8.34	33.49 2.23 0.00	31.36 1.96 0.00	28.19 1.63 -0.43	30.91 1.76 -0.40	31.75 1.89 0.00	34.79 2.08 -0.84	32.66 2.12 -0.13	34.64 1.88 -7.67	32.49 1.95 -4.30	32.02 2.05 -0.52	31.81 1.93 -0.47	31.37 1.75 -1.87	31.52 1.67 0.00	28.69 1.58 0.00
KCE_NY_1 323755	38.18 1.95 -1.55	43.55 1.26 -19.70	58.72 0.43 -50.43	32.98 1.36 -5.91	55.96 0.83 -39.85	61.33 1.75 -29.98	52.07 2.81 -4.97	47.42 2.46 -5.35	38.84 1.84 -5.90	33.92 1.58 -3.02	32.89 1.62 0.00	30.82 1.42 0.00	27.53 1.24 -0.16	30.37 1.49 -0.15	31.60 1.73 0.00	34.04 1.86 -0.30	32.47 1.90 -0.16	36.37 1.62 -9.67	33.33 1.67 -5.42	31.92 1.81 -0.66	31.63 1.64 -0.59	31.69 1.59 -2.36	31.33 1.49 0.00	28.57 1.46 0.00
KCE_NY_6_ESR 323823	33.70 -1.27 -0.29	25.37 -0.92 -3.71	17.00 -0.35 -9.48	25.50 -1.32 -1.11	21.99 -0.79 -7.49	33.82 -1.43 -5.64	42.75 -2.47 -0.94	38.29 -2.33 -1.01	30.30 -1.93 -1.12	27.67 -1.65 0.00	29.47 -1.79 0.00	27.97 -1.42 0.00	24.94 -1.18 0.00	27.26 -1.48 0.00	28.21 -1.66 0.00	30.15 -1.73 0.00	28.56 -1.88 -0.03	25.24 -1.64 -1.80	25.30 -1.96 -1.02	27.44 -2.13 -0.12	27.56 -1.95 -0.11	26.45 -1.74 -0.45	28.54 -1.31 0.00	26.19 -0.92 0.00
KEDC_PORT_JEFF_GT2 24210	92.04 3.45 -53.91	54.15 2.23 -29.33	64.57 0.75 -55.95	32.75 2.42 -4.62	86.69 1.47 -69.93	84.75 2.99 -52.16	106.31 4.78 -57.24	133.69 4.43 -89.65	81.23 3.37 -46.76	46.08 3.02 -13.74	34.25 2.98 0.00	31.84 2.45 0.00	29.05 2.21 -0.72	31.54 2.54 -0.26	32.53 2.66 0.00	39.83 3.25 -4.71	36.21 3.29 -2.51	41.71 2.76 -13.88	36.17 3.00 -6.92	33.14 3.17 -0.52	32.88 3.01 -0.46	33.63 2.82 -3.07	50.51 2.94 -17.73	30.45 2.63 -0.71
KEDC_PORT_JEFF_GT3 24211	92.04 3.45 -53.91	54.15 2.23 -29.33	64.57 0.75 -55.95	32.75 2.42 -4.62	86.69 1.47 -69.93	84.75 2.99 -52.16	106.31 4.78 -57.24	133.69 4.43 -89.65	81.23 3.37 -46.76	46.08 3.02 -13.74	34.25 2.98 0.00	31.84 2.45 0.00	29.05 2.21 -0.72	31.54 2.54 -0.26	32.53 2.66 0.00	39.83 3.25 -4.71	36.21 3.29 -2.51	41.71 2.76 -13.88	36.17 3.00 -6.92	33.14 3.17 -0.52	32.88 3.01 -0.46	33.63 2.82 -3.07	50.51 2.94 -17.73	30.45 2.63 -0.71
KEDC_GLWD_GT4 24219	75.71 2.49 -38.55	52.20 1.61 -27.99	60.32 0.55 -51.91	32.10 1.76 -4.63	81.82 1.04 -65.50	93.93 2.12 -62.21	103.03 3.33 -55.41	107.47 3.12 -64.74	67.98 2.40 -34.48	45.35 2.29 -13.74	33.67 2.41 0.00	31.50 2.11 0.00	28.65 1.81 -0.72	32.43 2.05 -1.64	31.99 2.12 0.00	40.97 2.35 -6.74	36.96 2.33 -4.23	43.93 2.01 -16.84	36.79 2.10 -8.45	32.17 2.20 -0.52	31.95 2.09 -0.46	33.59 1.90 -3.95	44.37 1.97 -12.56	30.32 1.83 -1.38
KEDC_GLWD_GT5 24220	75.71 2.49 -38.55	52.20 1.61 -27.99	60.32 0.55 -51.91	32.10 1.76 -4.63	81.82 1.04 -65.50	93.93 2.12 -62.21	103.03 3.33 -55.41	107.47 3.12 -64.74	67.98 2.40 -34.48	45.35 2.29 -13.74	33.67 2.41 0.00	31.50 2.11 0.00	28.65 1.81 -0.72	32.43 2.05 -1.64	31.99 2.12 0.00	40.97 2.35 -6.74	36.96 2.33 -4.23	43.93 2.01 -16.84	36.79 2.10 -8.45	32.17 2.20 -0.52	31.95 2.09 -0.46	33.59 1.90 -3.95	44.37 1.97 -12.56	30.32 1.83 -1.38
KENSICO____ 23655	37.77 1.89 -1.21	39.17 1.20 -15.39	47.66 0.41 -39.38	31.65 1.33 -4.61	47.17 0.77 -31.12	54.60 1.58 -23.42	50.84 2.67 -3.88	46.32 2.54 -4.17	37.65 1.94 -4.61	45.96 1.82 -14.82	33.25 1.99 0.00	31.16 1.76 0.00	28.34 1.45 -0.77	31.02 1.56 -0.72	31.55 1.69 0.00	35.21 1.85 -1.48	32.43 1.90 -0.12	34.32 1.68 -7.55	32.23 1.76 -4.24	31.78 1.81 -0.51	31.56 1.70 -0.46	31.13 1.54 -1.85	31.31 1.47 0.00	28.50 1.39 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	37.89 2.06 -1.16	38.63 1.30 -14.74	46.03 0.44 -37.72	31.57 1.44 -4.42	45.93 0.84 -29.81	53.82 1.79 -22.43	51.03 3.02 -3.72	46.49 2.88 -4.00	37.66 2.15 -4.41	28.54 1.91 2.68	33.18 1.91 0.00	31.04 1.64 0.00	27.32 1.33 0.14	30.07 1.46 0.13	31.46 1.59 0.00	33.18 1.57 0.27	32.30 1.77 -0.12	33.99 1.68 -7.24	32.03 1.73 -4.06	31.77 1.83 -0.49	31.60 1.75 -0.44	31.31 1.80 -1.77	31.58 1.73 0.00	28.71 1.60 0.00
KIAC_JFK_GT1 23816	37.92 2.03 -1.22	39.30 1.30 -15.42	47.76 0.44 -39.46	31.80 1.47 -4.62	47.28 0.81 -31.18	54.70 1.64 -23.46	50.95 2.77 -3.89	46.43 2.63 -4.18	37.78 2.06 -4.62	45.11 1.95 -13.84	33.43 2.16 0.00	31.35 1.95 0.00	28.43 1.59 -0.72	31.10 1.69 -0.67	31.67 1.80 0.00	35.23 1.96 -1.39	32.59 2.05 -0.12	34.50 1.84 -7.57	32.38 1.90 -4.25	31.94 1.98 -0.52	31.69 1.83 -0.46	31.23 1.64 -1.85	31.37 1.52 0.00	28.52 1.41 0.00
KIAC_JFK_GT2 23817	37.92 2.03 -1.22	39.30 1.30 -15.42	47.76 0.44 -39.46	31.80 1.47 -4.62	47.28 0.81 -31.18	54.70 1.64 -23.46	50.95 2.77 -3.89	46.43 2.63 -4.18	37.78 2.06 -4.62	45.11 1.95 -13.84	33.43 2.16 0.00	31.35 1.95 0.00	28.43 1.59 -0.72	31.10 1.69 -0.67	31.67 1.80 0.00	35.23 1.96 -1.39	32.59 2.05 -0.12	34.50 1.84 -7.57	32.38 1.90 -4.25	31.94 1.98 -0.52	31.69 1.83 -0.46	31.23 1.64 -1.85	31.37 1.52 0.00	28.52 1.41 0.00

KIAC_JFK____ 323774	37.93 2.05 -1.22	39.30 1.30 -15.42	47.76 0.44 -39.46	31.80 1.47 -4.62	47.28 0.81 -31.18	54.71 1.65 -23.46	50.96 2.78 -3.89	46.42 2.63 -4.18	37.77 2.05 -4.62	45.11 1.95 -13.84	33.43 2.16 0.00	31.35 1.95 0.00	28.44 1.59 -0.72	31.10 1.69 -0.67	31.67 1.80 0.00	35.23 1.96 -1.39	32.59 2.05 -0.12	34.50 1.84 -7.57	32.38 1.90 -4.25	31.94 1.97 -0.52	31.70 1.83 -0.46	31.23 1.64 -1.85	31.36 1.52 0.00	28.52 1.41 0.00
KINTIGH____ 23543	33.00 -1.94 -0.26	24.62 -1.33 -3.36	15.97 -0.48 -8.59	24.98 -1.74 -1.01	21.03 -1.04 -6.78	32.79 -1.92 -5.11	41.84 -3.30 -0.85	37.48 -3.05 -0.91	29.65 -2.47 -1.02	27.12 -2.19 0.00	28.91 -2.36 0.00	27.40 -1.99 0.00	24.45 -1.68 0.00	26.73 -2.01 0.00	27.70 -2.17 0.00	29.62 -2.26 0.00	28.12 -2.32 -0.03	24.75 -1.98 -1.64	24.92 -2.24 -0.93	27.07 -2.49 -0.11	27.20 -2.30 -0.10	26.11 -2.04 -0.40	28.13 -1.71 0.00	25.79 -1.32 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	34.59 -0.08 0.00	22.59 0.00 0.00	7.85 -0.02 0.00	25.64 -0.06 0.00	15.24 -0.04 0.00	29.57 -0.03 0.00	44.16 -0.13 0.00	39.55 -0.06 0.00	31.18 0.08 0.00	29.30 -0.02 0.00	31.33 0.06 0.00	-0.29 -0.28 29.42	9.49 -0.35 16.28	28.69 -0.05 0.00	30.18 0.31 0.00	31.96 0.08 0.00	30.58 0.17 0.00	-4.17 -0.35 28.89	-22.63 -0.34 48.53	-22.67 -0.33 51.79	-23.17 -0.38 52.19	-22.73 -0.44 50.04	-22.77 -0.36 52.25	-22.75 -0.49 49.36
LACHUTE____HYDRO 323717	38.90 2.67 -1.56	43.90 1.58 -19.73	58.86 0.49 -50.50	33.15 1.53 -5.91	56.25 1.05 -39.91	62.18 2.55 -30.03	53.39 4.13 -4.98	48.54 3.58 -5.35	39.67 2.67 -5.90	34.41 2.08 -3.01	33.66 2.40 0.00	31.21 1.81 0.00	27.81 1.53 -0.16	30.90 2.01 -0.15	32.45 2.58 0.00	34.83 2.65 -0.30	33.33 2.76 -0.16	37.11 2.34 -9.69	34.02 2.35 -5.43	32.57 2.47 -0.66	32.15 2.16 -0.59	32.10 1.99 -2.37	31.82 1.97 0.00	29.34 2.23 0.00
LAWRNCV_115KV_TB1 80681	34.51 -0.19 -0.03	22.81 -0.12 -0.34	8.70 -0.05 -0.88	25.69 -0.12 -0.10	15.85 -0.12 -0.69	29.92 -0.20 -0.52	43.83 -0.54 -0.09	39.30 -0.41 -0.09	31.18 -0.02 -0.10	29.32 0.00 0.00	31.18 -0.09 -3.76	33.16 0.00 0.00	28.23 0.02 -2.08	28.81 0.07 0.00	29.85 -0.02 0.00	31.82 -0.06 0.00	30.07 -0.35 0.00	28.27 -0.54 -3.73	31.72 -0.53 -6.01	35.15 -0.59 -6.30	35.17 -0.58 -6.34	33.29 -0.57 -6.12	35.61 -0.57 -6.34	32.49 -0.61 -5.99
LEDERLE____ 23769	37.57 1.72 -1.17	38.54 1.10 -14.85	46.25 0.38 -38.01	31.39 1.24 -4.45	46.02 0.70 -30.04	53.68 1.48 -22.60	50.52 2.49 -3.75	46.00 2.35 -4.03	37.32 1.77 -4.45	9.27 1.65 21.69	33.09 1.82 0.00	31.02 1.63 0.00	26.31 1.31 1.13	29.10 1.41 1.05	31.38 1.51 0.00	31.38 1.67 2.17	32.27 1.74 -0.12	33.97 1.60 -7.29	31.98 1.65 -4.09	31.64 1.70 -0.50	31.43 1.59 -0.45	30.95 1.43 -1.78	31.22 1.37 0.00	28.41 1.30 0.00
LIGHTHSE_115KV_TB6 355974	33.75 -1.11 -0.18	24.10 -0.77 -2.28	13.44 -0.27 -5.85	25.46 -0.93 -0.69	19.35 -0.56 -4.62	32.09 -0.99 -3.48	43.53 -1.34 -0.58	39.12 -1.12 -0.62	31.02 -0.78 -0.70	28.46 -0.86 0.00	30.31 -0.96 0.00	28.45 -0.95 0.00	25.25 -0.88 0.00	27.70 -1.04 0.00	28.78 -1.09 0.00	30.87 -1.01 0.00	29.53 -0.90 -0.02	25.48 -0.74 -1.14	26.02 -0.84 -0.62	28.61 -0.91 -0.07	28.60 -0.86 -0.07	27.13 -0.88 -0.27	28.83 -1.01 0.00	26.19 -0.92 0.00
LINDEN COGEN____ 23786	37.65 1.76 -1.22	39.13 1.12 -15.42	47.72 0.39 -39.46	31.59 1.26 -4.62	47.18 0.72 -31.18	54.51 1.44 -23.46	50.63 2.45 -3.89	46.20 2.40 -4.18	37.58 1.86 -4.62	44.94 1.78 -13.84	33.26 2.00 0.00	31.18 1.78 0.00	28.27 1.42 -0.72	30.94 1.53 -0.67	31.52 1.65 0.00	35.08 1.81 -1.39	32.42 1.88 -0.12	34.32 1.67 -7.57	32.21 1.73 -4.25	31.73 1.76 -0.52	31.49 1.63 -0.46	31.05 1.45 -1.85	31.20 1.36 0.00	28.40 1.29 0.00
LINDHRST_69_KV_BK1 356055	89.51 3.28 -51.55	54.35 2.02 -29.74	65.11 0.73 -56.52	32.63 2.30 -4.62	87.07 1.38 -70.41	89.14 2.74 -56.80	108.04 4.47 -59.28	129.56 4.12 -85.82	79.15 3.17 -44.87	45.88 2.82 -13.74	34.08 2.82 0.00	31.76 2.36 0.00	28.95 2.11 -0.72	32.00 2.42 -0.84	32.36 2.50 0.00	39.91 3.00 -5.03	36.24 3.04 -2.79	42.00 2.58 -14.34	36.20 2.80 -7.16	32.90 2.93 -0.52	32.66 2.79 -0.46	33.58 2.62 -3.21	49.47 2.70 -16.92	30.60 2.43 -1.06
LIPA_MISC_IPP 23656	92.13 3.46 -54.00	54.04 2.13 -29.32	64.58 0.76 -55.95	32.76 2.43 -4.62	86.68 1.47 -69.92	84.57 2.95 -52.02	106.29 4.81 -57.19	133.87 4.46 -89.79	81.30 3.37 -46.83	46.07 3.01 -13.74	34.21 2.94 0.00	31.79 2.39 0.00	29.02 2.18 -0.72	31.48 2.50 -0.24	32.50 2.63 0.00	39.82 3.25 -4.69	36.20 3.29 -2.50	41.70 2.76 -13.86	36.18 3.02 -6.91	33.14 3.17 -0.52	32.87 3.00 -0.46	33.60 2.79 -3.06	50.49 2.89 -17.75	30.40 2.59 -0.70
LISF____SOLAR 323691	92.17 3.53 -53.97	54.20 2.28 -29.33	64.58 0.76 -55.95	32.80 2.47 -4.62	86.72 1.51 -69.93	84.75 3.08 -52.07	106.39 4.89 -57.21	133.89 4.53 -89.75	81.33 3.42 -46.81	46.11 3.05 -13.74	34.24 2.97 0.00	31.81 2.41 0.00	29.03 2.19 -0.72	31.50 2.52 -0.24	32.53 2.66 0.00	39.88 3.30 -4.70	36.26 3.35 -2.50	41.77 2.83 -13.86	36.23 3.07 -6.92	33.21 3.25 -0.52	32.93 3.07 -0.46	33.65 2.84 -3.07	50.53 2.94 -17.75	30.45 2.64 -0.70
LITTLE FALLS____HYD 24013	35.79 1.09 -0.03	23.66 0.69 -0.37	9.08 0.25 -0.96	26.64 0.82 -0.11	16.51 0.47 -0.76	31.19 1.02 -0.57	46.19 1.81 -0.09	41.27 1.56 -0.10	32.25 1.05 -0.10	30.03 0.71 0.00	31.87 0.60 0.00	29.81 0.41 0.00	26.30 0.18 0.00	29.07 0.32 0.00	30.50 0.63 0.00	32.72 0.84 0.00	31.40 0.98 0.00	26.24 0.97 -0.19	27.38 1.04 -0.11	30.43 0.97 -0.01	30.18 0.77 -0.01	28.50 0.70 -0.05	30.37 0.52 0.00	27.58 0.47 0.00
LITTLRIV_115KV_TB1 356100	34.91 0.21 -0.03	23.08 0.13 -0.36	8.84 0.04 -0.93	25.98 0.16 -0.11	16.07 0.05 -0.74	30.33 0.17 -0.55	44.36 -0.02 -0.09	39.83 0.11 -0.10	31.54 0.33 -0.11	29.66 0.35 0.00	31.56 0.30 0.00	34.03 0.36 -4.28	28.84 0.34 -2.37	29.13 0.39 0.00	30.14 0.28 0.00	32.22 0.34 0.00	30.52 0.10 0.00	29.06 -0.14 -4.12	32.76 -0.13 -6.65	36.28 -0.14 -6.97	36.29 -0.13 -7.02	34.35 -0.17 -6.77	36.70 -0.17 -7.02	33.47 -0.28 -6.63
LI_NEWBRDGE____DRP 323616	92.67 2.55 -55.45	53.29 1.57 -29.13	64.15 0.58 -55.71	32.16 1.83 -4.61	86.11 1.09 -69.74	81.22 2.16 -49.46	104.04 3.59 -56.16	135.06 3.31 -92.14	81.61 2.53 -47.98	45.33 2.27 -13.74	33.58 2.31 0.00	31.33 1.94 0.00	28.56 1.72 -0.71	30.67 2.02 0.09	31.88 2.01 0.00	38.76 2.39 -4.50	35.15 2.41 -2.33	40.70 2.04 -13.58	35.19 2.18 -6.77	32.25 2.29 -0.52	32.03 2.17 -0.46	32.72 2.00 -2.98	50.10 2.02 -18.23	29.48 1.86 -0.51
LOCKPORT_115KV_TB60_63_64 80432	33.21 -1.75 -0.28	24.82 -1.28 -3.51	16.36 -0.48 -8.98	25.06 -1.70 -1.05	21.34 -1.03 -7.09	33.03 -1.91 -5.34	41.94 -3.24 -0.89	37.48 -3.09 -0.96	29.69 -2.48 -1.06	27.15 -2.17 0.00	28.85 -2.41 0.00	27.38 -2.02 0.00	24.43 -1.69 0.00	26.70 -2.05 0.00	27.62 -2.25 0.00	29.56 -2.32 0.00	28.06 -2.38 -0.03	24.72 -2.07 -1.71	24.86 -2.35 -0.97	26.98 -2.59 -0.12	27.10 -2.40 -0.11	26.03 -2.13 -0.42	28.16 -1.68 0.00	25.90 -1.21 0.00

LOCKPORT___CC1 323769	33.12 -1.83 -0.28	24.79 -1.32 -3.52	16.39 -0.49 -9.02	25.03 -1.74 -1.06	21.35 -1.05 -7.12	33.02 -1.94 -5.36	41.84 -3.34 -0.89	37.40 -3.18 -0.96	29.63 -2.54 -1.07	27.10 -2.21 0.00	28.82 -2.44 0.00	27.35 -2.05 0.00	24.41 -1.71 0.00	26.67 -2.07 0.00	27.59 -2.28 0.00	29.52 -2.36 0.00	28.01 -2.43 -0.03	24.69 -2.11 -1.72	24.82 -2.39 -0.97	26.92 -2.64 -0.12	27.05 -2.46 -0.11	25.98 -2.18 -0.42	28.13 -1.72 0.00	25.87 -1.24 0.00
LOCKPORT___CC2 323770	33.12 -1.83 -0.28	24.79 -1.32 -3.52	16.39 -0.49 -9.02	25.03 -1.74 -1.06	21.35 -1.05 -7.12	33.02 -1.94 -5.36	41.84 -3.34 -0.89	37.40 -3.18 -0.96	29.63 -2.54 -1.07	27.10 -2.21 0.00	28.82 -2.44 0.00	27.35 -2.05 0.00	24.41 -1.71 0.00	26.67 -2.07 0.00	27.59 -2.28 0.00	29.52 -2.36 0.00	28.01 -2.43 -0.03	24.69 -2.11 -1.72	24.82 -2.39 -0.97	26.92 -2.64 -0.12	27.05 -2.46 -0.11	25.98 -2.18 -0.42	28.13 -1.72 0.00	25.87 -1.24 0.00
LOCKPORT___CC3 323771	33.12 -1.83 -0.28	24.79 -1.32 -3.52	16.39 -0.49 -9.02	25.03 -1.74 -1.06	21.35 -1.05 -7.12	33.02 -1.94 -5.36	41.84 -3.34 -0.89	37.40 -3.18 -0.96	29.63 -2.54 -1.07	27.10 -2.21 0.00	28.82 -2.44 0.00	27.35 -2.05 0.00	24.41 -1.71 0.00	26.67 -2.07 0.00	27.59 -2.28 0.00	29.52 -2.36 0.00	28.01 -2.43 -0.03	24.69 -2.11 -1.72	24.82 -2.39 -0.97	26.92 -2.64 -0.12	27.05 -2.46 -0.11	25.98 -2.18 -0.42	28.13 -1.72 0.00	25.87 -1.24 0.00
LONG_LAKE_PHOENIX 24014	34.18 -0.69 -0.20	24.60 -0.47 -2.48	14.05 -0.17 -6.35	25.85 -0.60 -0.74	19.94 -0.36 -5.02	32.72 -0.66 -3.77	43.94 -0.97 -0.63	39.47 -0.82 -0.68	31.19 -0.68 -0.77	28.63 -0.69 0.00	30.49 -0.77 0.00	28.68 -0.71 0.00	25.49 -0.64 0.00	28.01 -0.73 0.00	29.15 -0.71 0.00	31.19 -0.69 0.00	29.82 -0.61 -0.02	25.86 -0.45 -1.24	26.39 -0.54 -0.69	28.99 -0.54 -0.08	29.01 -0.47 -0.07	27.57 -0.47 -0.30	29.31 -0.54 0.00	26.65 -0.46 0.00
LOVETT___3 23632	37.37 1.52 -1.18	38.47 0.97 -14.90	46.35 0.33 -38.15	31.27 1.10 -4.47	46.05 0.61 -30.15	53.58 1.30 -22.68	50.26 2.22 -3.76	45.75 2.10 -4.05	37.15 1.58 -4.46	8.30 1.46 22.48	32.89 1.62 0.00	30.84 1.44 0.00	26.11 1.16 1.17	28.89 1.24 1.09	31.20 1.33 0.00	31.09 1.46 2.25	32.06 1.53 -0.12	33.81 1.41 -7.32	31.81 1.47 -4.11	31.44 1.49 -0.50	31.23 1.38 -0.45	30.78 1.24 -1.79	31.02 1.18 0.00	28.26 1.15 0.00
LOVETT___4 23642	37.37 1.52 -1.18	38.47 0.97 -14.90	46.35 0.33 -38.15	31.27 1.10 -4.47	46.05 0.61 -30.15	53.58 1.30 -22.68	50.26 2.22 -3.76	45.75 2.10 -4.05	37.15 1.58 -4.46	8.30 1.46 22.48	32.89 1.62 0.00	30.84 1.44 0.00	26.11 1.16 1.17	28.89 1.24 1.09	31.20 1.33 0.00	31.09 1.46 2.25	32.06 1.53 -0.12	33.81 1.41 -7.32	31.81 1.47 -4.11	31.44 1.49 -0.50	31.23 1.38 -0.45	30.78 1.24 -1.79	31.02 1.18 0.00	28.26 1.15 0.00
LOVETT___5 23593	37.37 1.52 -1.18	38.47 0.97 -14.90	46.35 0.33 -38.15	31.27 1.10 -4.47	46.05 0.61 -30.15	53.58 1.30 -22.68	50.26 2.22 -3.76	45.75 2.10 -4.05	37.15 1.58 -4.46	8.30 1.46 22.48	32.89 1.62 0.00	30.84 1.44 0.00	26.11 1.16 1.17	28.89 1.24 1.09	31.20 1.33 0.00	31.09 1.46 2.25	32.06 1.53 -0.12	33.81 1.41 -7.32	31.81 1.47 -4.11	31.44 1.49 -0.50	31.23 1.38 -0.45	30.78 1.24 -1.79	31.02 1.18 0.00	28.26 1.15 0.00
LOWER RAQUET___HYD 24057	34.42 -0.29 -0.03	22.78 -0.19 -0.38	8.78 -0.07 -0.98	25.62 -0.20 -0.12	15.88 -0.18 -0.78	29.89 -0.30 -0.59	43.73 -0.66 -0.10	39.24 -0.48 -0.11	31.14 -0.07 -0.11	29.26 -0.06 0.00	31.12 -0.15 0.00	33.88 -0.07 -4.55	28.60 -0.05 -2.52	28.73 -0.02 0.00	29.76 -0.10 0.00	31.74 -0.14 0.00	29.94 -0.48 0.00	28.89 -0.68 -4.49	32.81 -0.68 -7.25	36.29 -0.76 -7.60	36.31 -0.75 -7.66	34.39 -0.74 -7.38	36.73 -0.76 -7.66	33.60 -0.74 -7.23
LOWER___HUDSON 24059	37.95 1.74 -1.53	43.12 1.15 -19.38	57.87 0.39 -49.61	32.78 1.26 -5.81	55.24 0.75 -39.21	60.60 1.50 -29.50	51.51 2.33 -4.89	46.91 2.04 -5.26	38.47 1.57 -5.80	33.88 1.39 -3.17	32.77 1.50 0.00	30.68 1.29 0.00	27.40 1.11 -0.16	30.23 1.33 -0.15	31.38 1.51 0.00	33.80 1.60 -0.32	32.16 1.59 -0.16	35.93 1.33 -9.52	32.97 1.40 -5.33	31.57 1.48 -0.65	31.32 1.34 -0.58	31.40 1.33 -2.33	31.07 1.23 0.00	28.37 1.26 0.00
LOWVILLE_115KV_TB2 356335	33.71 -1.04 -0.08	22.74 -0.81 -0.97	10.05 -0.29 -2.48	25.05 -0.95 -0.29	16.68 -0.56 -1.96	30.27 -0.80 -1.47	43.80 -0.74 -0.24	39.44 -0.43 -0.26	31.55 0.18 -0.27	29.09 -0.22 0.00	31.07 -0.20 0.00	30.41 -0.43 -1.44	26.52 -0.40 -0.80	28.18 -0.56 0.00	29.09 -0.78 0.00	31.34 -0.54 0.00	29.77 -0.65 -0.01	26.12 -0.79 -1.83	27.77 -0.88 -2.40	30.68 -1.02 -2.25	30.62 -1.04 -2.26	28.93 -1.08 -2.27	30.81 -1.27 -2.23	28.06 -1.15 -2.11
LUTHERFT_115KV_GLOB_FND_222 355753	38.15 1.93 -1.55	43.53 1.24 -19.70	58.72 0.42 -50.43	32.97 1.35 -5.91	55.96 0.82 -39.85	61.31 1.72 -29.98	52.01 2.74 -4.97	47.37 2.41 -5.35	38.81 1.81 -5.90	33.90 1.56 -3.02	32.89 1.62 0.00	30.80 1.40 0.00	27.50 1.22 -0.16	30.35 1.47 -0.15	31.55 1.69 0.00	34.01 1.82 -0.30	32.44 1.87 -0.16	36.34 1.59 -9.67	33.31 1.64 -5.42	31.87 1.76 -0.66	31.61 1.61 -0.59	31.66 1.55 -2.36	31.31 1.46 0.00	28.55 1.44 0.00
LUTHERNY_35_KV_BK2 355980	38.17 1.95 -1.55	43.55 1.26 -19.70	58.72 0.43 -50.43	32.98 1.36 -5.91	55.96 0.82 -39.85	61.33 1.75 -29.98	52.07 2.81 -4.97	47.42 2.46 -5.35	38.84 1.84 -5.90	33.92 1.58 -3.02	32.89 1.62 0.00	30.82 1.42 0.00	27.52 1.24 -0.16	30.38 1.49 -0.15	31.60 1.73 0.00	34.04 1.86 -0.30	32.47 1.90 -0.16	36.37 1.62 -9.67	33.33 1.67 -5.42	31.92 1.81 -0.66	31.64 1.65 -0.59	31.70 1.59 -2.36	31.33 1.49 0.00	28.58 1.46 0.00
LWR___OSWEGATCHIE_HYD 23850	33.73 -1.00 -0.06	22.57 -0.72 -0.70	9.41 -0.26 -1.79	25.09 -0.82 -0.21	16.18 -0.52 -1.42	29.83 -0.84 -1.07	43.37 -1.10 -0.18	38.98 -0.82 -0.19	31.08 -0.22 -0.20	28.90 -0.41 0.00	30.80 -0.46 0.00	32.03 -0.54 -3.17	27.38 -0.51 -1.76	28.13 -0.61 0.00	29.11 -0.76 0.00	31.21 -0.67 0.00	29.58 -0.84 -0.01	27.47 -0.95 -3.34	30.33 -1.00 -5.10	33.51 -1.14 -5.19	33.50 -1.14 -5.23	31.68 -1.16 -5.09	33.77 -1.29 -5.22	30.83 -1.21 -4.93
LYONS_FALL_HYD 23570	34.41 -0.34 -0.07	23.22 -0.31 -0.94	10.15 -0.11 -2.40	25.62 -0.37 -0.28	16.96 -0.22 -1.89	30.82 -0.21 -1.43	44.57 0.05 -0.24	40.08 0.22 -0.24	31.83 0.48 -0.25	29.47 0.16 0.00	31.44 0.17 0.00	30.35 -0.02 -0.98	26.61 -0.05 -0.54	28.61 -0.13 0.00	29.65 -0.22 0.00	31.85 -0.03 0.00	30.32 -0.10 -0.01	26.24 -0.22 -1.37	27.67 -0.27 -1.70	30.64 -0.33 -1.52	30.59 -0.35 -1.53	28.90 -0.41 -1.56	30.81 -0.53 -1.50	28.04 -0.49 -1.42
MADISON___COUNTY_LFGE 323628	35.55 0.75 -0.13	24.67 0.47 -1.60	12.13 0.16 -4.10	26.69 0.50 -0.48	18.83 0.31 -3.24	32.77 0.73 -2.44	45.98 1.29 -0.40	41.35 1.32 -0.41	32.57 1.06 -0.41	30.12 0.80 0.00	32.01 0.75 0.00	30.00 0.60 0.00	26.62 0.49 0.00	29.23 0.49 0.00	30.43 0.56 0.00	32.62 0.74 0.00	31.17 0.75 -0.01	26.52 0.64 -0.79	27.30 0.61 -0.45	30.16 0.66 -0.05	30.11 0.66 -0.05	28.52 0.57 -0.20	30.38 0.53 0.00	27.60 0.49 0.00

MALONE___115KV_TB1 356076	34.41 -0.26 0.00	22.46 -0.13 0.00	7.81 -0.06 0.00	25.53 -0.17 0.00	15.17 -0.11 0.00	29.41 -0.19 0.00	43.88 -0.41 0.00	39.30 -0.32 0.00	31.03 -0.08 0.00	29.27 -0.05 0.00	31.27 0.01 0.00	48.54 -0.23 -19.37	36.62 -0.22 -10.72	28.82 0.08 0.00	30.13 0.27 0.00	31.95 0.07 0.00	30.38 -0.03 0.00	43.45 -0.49 -18.85	57.31 -0.50 -31.57	62.55 -0.55 -33.66	62.78 -0.54 -33.92	59.67 -0.60 -32.52	63.21 -0.59 -33.96	58.53 -0.66 -32.08
MAPLEWOD_115KV_TB3 80458	37.83 1.64 -1.52	42.97 1.07 -19.32	57.67 0.36 -49.44	32.68 1.18 -5.79	55.05 0.70 -39.07	60.39 1.39 -29.40	51.31 2.14 -4.88	46.68 1.83 -5.24	38.36 1.47 -5.78	33.74 1.28 -3.14	32.66 1.40 0.00	30.61 1.22 0.00	27.32 1.03 -0.16	30.13 1.24 -0.15	31.27 1.41 0.00	33.69 1.50 -0.31	32.05 1.48 -0.15	35.79 1.23 -9.48	32.87 1.32 -5.32	31.46 1.37 -0.65	31.24 1.26 -0.58	31.30 1.24 -2.32	30.98 1.14 0.00	28.24 1.13 0.00
MAPLE_RIDGE_WT_1 323574	33.42 -1.26 0.00	21.86 -0.73 0.00	7.65 -0.22 0.00	25.03 -0.68 0.00	14.84 -0.44 0.00	28.77 -0.83 0.00	43.07 -1.21 0.00	38.74 -0.87 0.00	30.48 -0.62 0.00	28.59 -0.72 0.00	30.56 -0.71 0.00	28.76 -0.64 0.00	25.62 -0.50 0.00	28.24 -0.50 0.00	29.18 -0.69 0.00	31.07 -0.81 0.00	29.38 -1.03 0.00	24.16 -0.93 0.00	25.30 -0.94 0.00	28.39 -1.06 0.00	28.34 -1.06 0.00	26.77 -0.97 0.00	28.85 -1.00 0.00	26.23 -0.88 0.00
MAPLE_RIDGE_WT_2 323611	33.42 -1.26 0.00	21.86 -0.73 0.00	7.65 -0.22 0.00	25.03 -0.68 0.00	14.84 -0.44 0.00	28.77 -0.83 0.00	43.07 -1.21 0.00	38.74 -0.87 0.00	30.48 -0.62 0.00	28.59 -0.72 0.00	30.56 -0.71 0.00	28.76 -0.64 0.00	25.62 -0.50 0.00	28.24 -0.50 0.00	29.18 -0.69 0.00	31.07 -0.81 0.00	29.38 -1.03 0.00	24.16 -0.93 0.00	25.30 -0.94 0.00	28.39 -1.06 0.00	28.34 -1.06 0.00	26.77 -0.97 0.00	28.85 -1.00 0.00	26.23 -0.88 0.00
MARBLE_RIVER_WT_PWR 323696	33.76 -0.91 0.00	22.06 -0.52 0.00	7.67 -0.20 0.00	25.09 -0.61 0.00	14.90 -0.38 0.00	28.88 -0.72 0.00	43.04 -1.25 0.00	38.46 -1.16 0.00	30.37 -0.74 0.00	28.63 -0.69 0.00	30.58 -0.69 0.00	0.45 -0.92 28.02	9.81 -0.81 15.51	28.26 -0.48 0.00	29.74 -0.13 0.00	31.39 -0.49 0.00	29.92 -0.50 0.00	-3.44 -1.00 27.53	-21.00 -1.01 46.23	-21.00 -1.11 49.34	-21.42 -1.10 49.72	-21.00 -1.08 47.67	-21.00 -1.06 49.78	-21.00 -1.08 47.03
MARSHVLE_115KV_TB1 80742	38.06 1.56 -1.83	46.78 1.02 -23.17	67.53 0.36 -59.31	33.76 1.11 -6.95	62.82 0.67 -46.87	66.42 1.55 -35.26	52.69 2.56 -5.85	48.43 2.53 -6.29	40.01 1.97 -6.93	30.93 1.61 0.00	32.59 1.32 0.00	30.55 1.15 0.00	27.21 1.09 0.00	29.77 1.03 0.00	30.94 1.08 0.00	33.22 1.34 0.00	32.11 1.51 -0.19	37.83 1.38 -11.38	34.00 1.38 -6.38	31.77 1.55 -0.78	31.75 1.66 -0.70	31.99 1.47 -2.78	31.43 1.58 0.00	28.42 1.32 0.00
MARSH_HILL_WT_PWR 323713	32.80 -2.21 -0.34	25.41 -1.51 -4.34	18.43 -0.54 -11.10	25.18 -1.83 -1.30	23.06 -1.00 -8.77	34.71 -1.49 -6.60	42.97 -2.41 -1.09	38.20 -2.59 -1.18	30.03 -2.38 -1.31	27.02 -2.30 0.00	28.98 -2.28 0.00	27.30 -2.10 0.00	24.10 -2.03 0.00	26.33 -2.41 0.00	27.77 -2.10 0.00	29.82 -2.06 0.00	28.08 -2.37 -0.04	25.25 -2.08 -2.24	24.85 -2.59 -1.20	26.67 -2.93 -0.15	26.85 -2.68 -0.13	25.64 -2.63 -0.52	27.12 -2.72 0.00	24.74 -2.37 0.00
MCINTYRE_115KV_TB2 80467	35.22 0.52 -0.03	23.25 0.33 -0.33	8.82 0.11 -0.85	26.21 0.40 -0.10	16.16 0.21 -0.67	30.60 0.49 -0.50	45.16 0.80 -0.07	40.51 0.81 -0.08	31.97 0.79 -0.08	30.14 0.82 0.00	32.05 0.78 0.00	33.00 0.85 -2.75	28.41 0.76 -1.52	29.57 0.83 0.00	30.51 0.64 0.00	32.56 0.68 0.00	30.89 0.48 0.00	28.84 0.23 -3.53	32.19 0.27 -5.69	35.69 0.29 -5.95	35.70 0.31 -6.00	33.79 0.26 -5.78	36.13 0.29 -5.99	32.85 0.07 -5.66
MECO___69_KV_BK1 80468	39.23 2.81 -1.74	46.84 2.15 -22.11	65.20 0.75 -56.58	34.74 2.40 -6.63	61.46 1.47 -44.71	66.42 3.17 -33.64	55.09 5.22 -5.58	50.55 4.94 -6.00	41.03 3.31 -6.61	33.76 2.16 -2.29	32.69 1.43 0.00	30.35 0.95 0.00	27.06 0.82 -0.12	29.51 0.65 -0.11	31.53 1.66 0.00	34.75 2.64 -0.23	34.07 3.48 -0.18	38.96 3.03 -10.85	35.45 3.12 -6.08	33.58 3.40 -0.74	33.52 3.45 -0.66	33.46 3.07 -2.65	32.97 3.13 0.00	29.81 2.70 0.00
MENANDS__115KV_TB5 355628	37.69 1.50 -1.52	42.85 0.98 -19.28	57.56 0.33 -49.36	32.57 1.08 -5.78	54.93 0.64 -39.00	60.21 1.25 -29.35	51.06 1.90 -4.87	46.43 1.58 -5.23	38.18 1.30 -5.77	33.62 1.15 -3.15	32.53 1.26 0.00	30.50 1.10 0.00	27.23 0.94 -0.16	30.03 1.14 -0.15	31.15 1.29 0.00	33.54 1.34 -0.32	31.88 1.31 -0.15	35.62 1.07 -9.47	32.71 1.16 -5.31	31.31 1.22 -0.64	31.08 1.09 -0.58	31.15 1.09 -2.31	30.83 0.99 0.00	28.11 1.00 0.00
MG INDUSTRY___DRP 24185	37.73 1.56 -1.49	42.55 1.02 -18.93	56.67 0.35 -48.46	32.51 1.13 -5.68	54.25 0.68 -38.29	59.75 1.33 -28.81	51.09 2.03 -4.78	46.44 1.69 -5.14	38.11 1.34 -5.67	33.33 1.17 -2.85	32.54 1.28 0.00	30.51 1.11 0.00	27.22 0.95 -0.15	30.01 1.13 -0.14	31.14 1.28 0.00	33.53 1.37 -0.28	31.92 1.36 -0.15	35.49 1.12 -9.30	32.66 1.21 -5.21	31.38 1.30 -0.63	31.16 1.19 -0.57	31.16 1.14 -2.27	30.93 1.08 0.00	28.19 1.08 0.00
MID___OSWEGATCHIE_HYD 23849	33.73 -1.00 -0.06	22.57 -0.72 -0.70	9.41 -0.26 -1.79	25.09 -0.82 -0.21	16.18 -0.52 -1.42	29.83 -0.84 -1.07	43.37 -1.10 -0.18	38.98 -0.82 -0.19	31.08 -0.22 -0.20	28.90 -0.41 0.00	30.80 -0.46 0.00	32.03 -0.54 -3.17	27.38 -0.51 -1.76	28.13 -0.61 0.00	29.11 -0.76 0.00	31.21 -0.67 0.00	29.58 -0.84 -0.01	27.47 -0.95 -3.34	30.33 -1.00 -5.10	33.51 -1.14 -5.19	33.50 -1.14 -5.23	31.68 -1.16 -5.09	33.77 -1.29 -5.22	30.83 -1.21 -4.93
MID___RAQUETTE_HYD 23851	34.42 -0.29 -0.03	22.78 -0.19 -0.38	8.78 -0.07 -0.98	25.62 -0.20 -0.12	15.88 -0.18 -0.78	29.89 -0.30 -0.59	43.73 -0.66 -0.10	39.23 -0.48 -0.11	31.14 -0.07 -0.11	29.26 -0.06 0.00	31.12 -0.15 0.00	33.87 -0.07 -4.55	28.60 -0.05 -2.52	28.73 -0.02 0.00	29.76 -0.11 0.00	31.74 -0.14 0.00	29.94 -0.48 0.00	28.88 -0.69 -4.49	32.81 -0.68 -7.25	36.29 -0.76 -7.60	36.31 -0.75 -7.66	34.39 -0.74 -7.38	36.73 -0.76 -7.66	33.60 -0.74 -7.23
MILLIKEN___1 23584	35.65 0.64 -0.33	27.16 0.38 -4.20	18.74 0.13 -10.74	27.32 0.36 -1.26	24.00 0.23 -8.49	36.54 0.55 -6.39	46.20 0.86 -1.06	41.59 0.83 -1.15	32.91 0.53 -1.27	29.64 0.33 0.00	31.45 0.18 0.00	29.59 0.19 0.00	26.29 0.17 0.00	28.92 0.17 0.00	30.16 0.29 0.00	32.35 0.47 0.00	30.93 0.48 -0.03	27.65 0.49 -2.09	27.80 0.40 -1.16	30.05 0.46 -0.14	30.02 0.49 -0.13	28.65 0.39 -0.51	30.22 0.38 0.00	27.49 0.37 0.00
MILLIKEN___2 23585	35.65 0.64 -0.33	27.16 0.38 -4.20	18.74 0.13 -10.74	27.32 0.36 -1.26	24.00 0.23 -8.49	36.54 0.55 -6.39	46.20 0.86 -1.06	41.59 0.83 -1.15	32.91 0.53 -1.27	29.64 0.33 0.00	31.45 0.18 0.00	29.59 0.19 0.00	26.29 0.17 0.00	28.92 0.17 0.00	30.16 0.29 0.00	32.35 0.47 0.00	30.93 0.48 -0.03	27.65 0.49 -2.09	27.80 0.40 -1.16	30.05 0.46 -0.14	30.02 0.49 -0.13	28.65 0.39 -0.51	30.22 0.38 0.00	27.49 0.37 0.00

MILLIKEN___DIESEL 23629	35.65 0.64 -0.33	27.16 0.38 -4.20	18.74 0.13 -10.74	27.32 0.36 -1.26	24.00 0.23 -8.49	36.54 0.55 -6.39	46.20 0.86 -1.06	41.59 0.83 -1.15	32.91 0.53 -1.27	29.64 0.33 0.00	31.45 0.18 0.00	29.59 0.19 0.00	26.29 0.17 0.00	28.92 0.17 0.00	30.16 0.29 0.00	32.35 0.47 0.00	30.93 0.48 -0.03	27.65 0.49 -2.09	27.80 0.40 -1.16	30.05 0.46 -0.14	30.02 0.49 -0.13	28.65 0.39 -0.51	30.22 0.38 0.00	27.49 0.37 0.00
MILLSEAT___LFGE 323607	33.92 -1.03 -0.27	25.23 -0.80 -3.45	16.37 -0.31 -8.82	25.61 -1.14 -1.03	21.56 -0.69 -6.97	33.65 -1.20 -5.24	43.10 -2.06 -0.87	38.60 -1.96 -0.94	30.52 -1.63 -1.04	27.84 -1.48 0.00	29.52 -1.75 0.00	27.96 -1.44 0.00	24.93 -1.20 0.00	27.27 -1.47 0.00	28.22 -1.65 0.00	30.33 -1.55 0.00	28.89 -1.55 -0.03	25.45 -1.32 -1.68	25.64 -1.55 -0.95	27.84 -1.72 -0.12	27.94 -1.57 -0.10	26.76 -1.40 -0.41	28.85 -0.99 0.00	26.46 -0.65 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	37.69 1.80 -1.21	39.07 1.15 -15.33	47.50 0.40 -39.24	31.59 1.29 -4.60	47.03 0.74 -31.01	54.46 1.53 -23.33	50.73 2.57 -3.87	46.21 2.44 -4.16	37.56 1.87 -4.59	46.61 1.75 -15.54	33.16 1.90 0.00	31.08 1.68 0.00	28.31 1.37 -0.81	30.99 1.49 -0.75	31.47 1.60 0.00	35.19 1.76 -1.56	32.34 1.81 -0.12	34.22 1.61 -7.53	32.14 1.68 -4.22	31.70 1.74 -0.51	31.48 1.62 -0.46	31.06 1.47 -1.84	31.24 1.40 0.00	28.45 1.34 0.00
MILLWOOD_13_KV_LOAD 356217	37.77 1.89 -1.21	39.13 1.21 -15.33	47.52 0.42 -39.24	31.65 1.34 -4.60	47.07 0.77 -31.01	54.54 1.60 -23.33	50.85 2.69 -3.87	46.32 2.55 -4.16	37.64 1.95 -4.59	46.69 1.82 -15.54	33.25 1.98 0.00	31.16 1.76 0.00	28.38 1.44 -0.81	31.06 1.56 -0.75	31.53 1.67 0.00	35.28 1.84 -1.56	32.43 1.89 -0.12	34.30 1.69 -7.53	32.22 1.76 -4.22	31.79 1.83 -0.51	31.57 1.71 -0.46	31.12 1.54 -1.84	31.32 1.47 0.00	28.51 1.40 0.00
MODEL_CITY_ENERGY 24167	32.86 -2.10 -0.28	24.62 -1.51 -3.54	16.37 -0.56 -9.06	24.84 -1.93 -1.06	21.26 -1.18 -7.16	32.77 -2.22 -5.39	41.43 -3.75 -0.90	36.99 -3.59 -0.96	29.34 -2.83 -1.07	26.83 -2.49 0.00	28.52 -2.74 0.00	27.06 -2.33 0.00	24.17 -1.96 0.00	26.40 -2.35 0.00	27.31 -2.56 0.00	29.21 -2.67 0.00	27.72 -2.72 -0.03	24.44 -2.36 -1.72	24.58 -2.64 -0.98	26.64 -2.93 -0.12	26.76 -2.74 -0.11	25.73 -2.44 -0.43	27.87 -1.97 0.00	25.66 -1.45 0.00
MODERN_LFGE___ 323580	32.86 -2.10 -0.28	24.62 -1.51 -3.54	16.37 -0.56 -9.06	24.84 -1.93 -1.06	21.26 -1.18 -7.16	32.77 -2.22 -5.39	41.43 -3.75 -0.90	36.99 -3.59 -0.96	29.34 -2.83 -1.07	26.83 -2.49 0.00	28.52 -2.74 0.00	27.06 -2.33 0.00	24.17 -1.96 0.00	26.40 -2.35 0.00	27.31 -2.56 0.00	29.21 -2.67 0.00	27.72 -2.72 -0.03	24.44 -2.36 -1.72	24.58 -2.64 -0.98	26.64 -2.93 -0.12	26.76 -2.74 -0.11	25.73 -2.44 -0.43	27.87 -1.97 0.00	25.66 -1.45 0.00
MOHAWK_PAPER___DRP 24187	37.83 1.64 -1.52	42.97 1.07 -19.32	57.67 0.36 -49.44	32.68 1.18 -5.79	55.05 0.70 -39.07	60.39 1.39 -29.40	51.31 2.14 -4.88	46.68 1.83 -5.24	38.36 1.47 -5.78	33.74 1.28 -3.14	32.66 1.40 0.00	30.61 1.22 0.00	27.32 1.03 -0.16	30.13 1.24 -0.15	31.27 1.41 0.00	33.69 1.50 -0.31	32.05 1.48 -0.15	35.79 1.23 -9.48	32.87 1.32 -5.32	31.46 1.37 -0.65	31.24 1.26 -0.58	31.30 1.24 -2.32	30.98 1.14 0.00	28.24 1.13 0.00
MOHICAN___35_KV_115KV_LD 80490	37.97 1.74 -1.56	43.39 1.08 -19.72	58.69 0.35 -50.47	32.75 1.13 -5.91	55.89 0.72 -39.89	61.24 1.62 -30.01	51.92 2.65 -4.98	47.24 2.28 -5.35	38.72 1.71 -5.90	33.76 1.42 -3.01	32.73 1.47 0.00	30.61 1.21 0.00	27.33 1.04 -0.16	30.21 1.32 -0.15	31.48 1.62 0.00	33.89 1.71 -0.30	32.37 1.80 -0.16	36.31 1.55 -9.68	33.26 1.59 -5.43	31.78 1.67 -0.66	31.48 1.48 -0.59	31.53 1.42 -2.36	31.15 1.31 0.00	28.46 1.35 0.00
MONGAUP___HYD 23641	37.57 1.78 -1.11	37.83 1.12 -14.12	44.38 0.38 -36.13	31.18 1.24 -4.23	44.47 0.63 -28.55	52.29 1.20 -21.48	49.66 1.81 -3.56	45.17 1.73 -3.83	36.56 1.23 -4.23	16.97 1.40 13.75	32.71 1.44 0.00	30.58 1.19 0.00	26.35 0.94 0.72	29.08 1.01 0.67	30.88 1.01 0.00	31.65 1.14 1.38	31.71 1.18 -0.11	33.19 1.18 -6.93	31.37 1.24 -3.89	31.45 1.53 -0.47	31.24 1.42 -0.42	30.85 1.41 -1.69	31.32 1.47 0.00	28.47 1.35 0.00
MONTAUK___DIESEL 23721	93.45 4.78 -53.99	54.89 2.97 -29.32	64.87 1.06 -55.95	33.71 3.39 -4.62	87.26 2.06 -69.93	85.78 4.14 -52.04	108.16 6.68 -57.20	135.57 6.18 -89.78	82.55 4.62 -46.82	47.15 4.09 -13.74	35.25 3.99 0.00	32.68 3.29 0.00	29.76 2.92 -0.72	32.42 3.44 -0.24	33.52 3.65 0.00	41.01 4.44 -4.69	37.45 4.54 -2.50	42.79 3.85 -13.86	37.29 4.14 -6.92	34.35 4.39 -0.52	34.04 4.17 -0.46	34.64 3.83 -3.06	51.54 3.95 -17.75	31.33 3.52 -0.70
MOONROAD_115KV_HARTFLD_TB1-2 355988	33.92 -1.06 -0.30	25.53 -0.87 -3.81	17.30 -0.33 -9.76	25.62 -1.23 -1.14	22.24 -0.75 -7.71	34.16 -1.25 -5.80	42.99 -2.26 -0.96	38.39 -2.26 -1.04	30.47 -1.79 -1.15	27.78 -1.54 0.00	29.58 -1.68 0.00	28.15 -1.25 0.00	25.15 -0.98 0.00	27.36 -1.38 0.00	28.09 -1.78 0.00	30.10 -1.78 0.00	28.37 -2.07 -0.03	25.18 -1.76 -1.86	25.21 -2.09 -1.05	27.31 -2.27 -0.13	27.38 -2.14 -0.11	26.35 -1.85 -0.46	28.25 -1.60 0.00	25.89 -1.22 0.00
MORTIMER_115KV_TB3 55949	33.92 -1.01 -0.25	25.05 -0.72 -3.19	15.76 -0.27 -8.16	25.65 -1.01 -0.96	21.13 -0.60 -6.45	33.43 -1.03 -4.85	43.33 -1.76 -0.81	38.90 -1.58 -0.87	30.76 -1.31 -0.97	28.10 -1.21 0.00	29.91 -1.36 0.00	28.26 -1.14 0.00	25.17 -0.96 0.00	27.56 -1.18 0.00	28.58 -1.29 0.00	30.65 -1.23 0.00	29.22 -1.22 -0.03	25.64 -1.02 -1.57	25.92 -1.20 -0.88	28.24 -1.32 -0.11	28.29 -1.20 -0.10	27.06 -1.07 -0.38	28.98 -0.87 0.00	26.46 -0.65 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	37.87 1.98 -1.22	39.27 1.27 -15.42	47.77 0.44 -39.46	31.74 1.41 -4.62	47.27 0.81 -31.19	54.71 1.65 -23.46	50.97 2.79 -3.89	46.49 2.69 -4.18	37.80 2.08 -4.62	45.09 1.98 -13.79	33.45 2.18 0.00	31.34 1.94 0.00	28.44 1.60 -0.72	31.13 1.72 -0.67	31.71 1.84 0.00	35.28 2.02 -1.38	32.60 2.06 -0.12	34.46 1.81 -7.57	32.37 1.89 -4.25	31.92 1.96 -0.52	31.69 1.82 -0.46	31.23 1.64 -1.85	31.40 1.56 0.00	28.58 1.47 0.00
MUNSVILLE_WIND_PWR 323609	37.67 2.55 -0.45	29.86 1.60 -5.67	22.92 0.54 -14.51	29.20 1.79 -1.70	27.86 1.11 -11.47	40.55 2.32 -8.63	49.72 4.00 -1.43	45.03 3.87 -1.54	35.69 2.88 -1.71	31.69 2.37 0.00	33.36 2.10 0.00	31.32 1.92 0.00	27.70 1.57 0.00	30.38 1.64 0.00	31.72 1.85 0.00	34.01 2.13 0.00	32.46 2.00 -0.05	29.60 1.71 -2.80	29.48 1.67 -1.57	31.49 1.85 -0.19	31.22 1.65 -0.17	29.76 1.33 -0.68	31.08 1.23 0.00	28.16 1.05 0.00
N SALMON___HYD 24042	34.41 -0.26 0.00	22.46 -0.13 0.00	7.81 -0.06 0.00	25.54 -0.17 0.00	15.17 -0.11 0.00	29.41 -0.19 0.00	43.88 -0.41 0.00	39.30 -0.32 0.00	31.03 -0.08 0.00	29.27 -0.05 0.00	31.27 0.01 -0.23	48.54 -0.22 -19.37	36.62 0.08 -10.72	28.82 0.00 0.00	30.13 0.27 0.00	31.95 0.07 0.00	30.38 -0.03 0.00	43.45 -0.49 -18.85	57.31 -0.50 -31.57	62.56 -0.55 -33.66	62.77 -0.55 -33.92	59.67 -0.60 -32.52	63.20 -0.60 -33.96	58.53 -0.66 -32.08

N.AKRON__115KV_KNAPP 355671	33.75 -1.20 -0.27	25.13 -0.93 -3.47	16.39 -0.35 -8.88	25.46 -1.29 -1.04	21.51 -0.79 -7.02	33.50 -1.39 -5.28	42.78 -2.38 -0.88	38.30 -2.26 -0.95	30.30 -1.85 -1.05	27.66 -1.65 0.00	29.36 -1.91 0.00	27.82 -1.57 0.00	24.83 -1.29 0.00	27.20 -1.54 0.00	28.10 -1.77 0.00	30.11 -1.77 0.00	28.66 -1.78 -0.03	25.24 -1.53 -1.69	25.41 -1.78 -0.96	27.60 -1.97 -0.12	27.70 -1.80 -0.10	26.55 -1.61 -0.42	28.66 -1.19 0.00	26.31 -0.80 0.00
N.BELMOR_69_KV_BK1 55787	83.51 2.78 -46.06	54.97 1.71 -30.67	66.26 0.62 -57.77	32.30 1.96 -4.63	87.92 1.17 -71.47	99.42 2.33 -67.48	112.06 3.86 -63.91	120.09 3.57 -76.91	74.29 2.71 -40.48	45.49 2.43 -13.74	33.74 2.48 0.00	31.52 2.12 0.00	28.72 1.87 -0.72	33.08 2.16 -2.18	32.06 2.20 0.00	40.26 2.60 -5.78	36.44 2.59 -3.44	42.70 2.19 -15.42	36.29 2.34 -7.72	32.42 2.45 -0.52	32.21 2.35 -0.46	33.48 2.19 -3.54	47.17 2.25 -15.08	31.02 2.04 -1.87
N.E_GEN_SANDY PD 24062	52.91 1.91 -16.33	54.96 1.25 -31.12	57.14 0.43 -48.85	47.89 1.36 -20.82	57.35 0.82 -41.25	61.93 1.64 -30.69	57.10 2.59 -10.22	142.32 2.35 -100.35	63.91 1.80 -31.00	42.73 1.68 -11.74	33.19 1.80 -0.13	30.65 1.55 0.30	27.66 1.31 -0.23	30.74 1.52 -0.47	32.04 1.67 -0.51	34.75 1.76 -1.11	37.67 1.73 -5.53	35.60 1.46 -9.06	36.51 1.54 -8.73	33.02 1.63 -1.94	31.42 1.50 -0.53	31.62 1.44 -2.43	30.85 1.35 0.35	34.89 1.38 -6.40
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	37.44 1.59 -1.17	38.48 1.01 -14.88	46.29 0.35 -38.08	31.32 1.15 -4.46	46.02 0.65 -30.09	53.61 1.36 -22.64	50.35 2.31 -3.76	45.84 2.19 -4.04	37.20 1.65 -4.45	8.73 1.53 22.12	32.96 1.70 0.00	30.91 1.51 0.00	26.18 1.21 1.15	28.97 1.30 1.07	31.26 1.39 0.00	31.20 1.53 2.22	32.13 1.60 -0.12	33.87 1.48 -7.30	31.86 1.53 -4.10	31.51 1.57 -0.50	31.30 1.45 -0.45	30.85 1.32 -1.79	31.10 1.25 0.00	28.31 1.20 0.00
N.QUEENS_27_KV_LOAD 356247	37.85 1.96 -1.22	39.26 1.25 -15.42	47.76 0.43 -39.46	31.76 1.43 -4.62	47.20 0.74 -31.18	54.66 1.60 -23.46	50.95 2.77 -3.89	46.46 2.66 -4.18	37.78 2.06 -4.62	45.10 1.97 -13.81	33.50 2.24 0.00	31.37 1.97 0.00	28.47 1.63 -0.72	31.05 1.64 -0.67	31.68 1.82 0.00	35.21 1.94 -1.38	32.53 1.99 -0.12	34.50 1.84 -7.57	32.43 1.95 -4.25	31.97 2.01 -0.52	31.72 1.85 -0.46	31.24 1.65 -1.85	31.43 1.58 0.00	28.65 1.54 0.00
N.TROY___115KV_TB1 355778	37.94 1.74 -1.53	43.12 1.15 -19.38	57.87 0.40 -49.61	32.78 1.26 -5.81	55.24 0.75 -39.21	60.61 1.51 -29.50	51.51 2.33 -4.89	46.91 2.04 -5.26	38.47 1.57 -5.80	33.88 1.39 -3.17	32.77 1.50 0.00	30.68 1.29 0.00	27.40 1.11 -0.16	30.23 1.33 -0.15	31.37 1.51 0.00	33.80 1.60 -0.32	32.16 1.59 -0.16	35.93 1.33 -9.52	32.98 1.40 -5.33	31.58 1.48 -0.65	31.32 1.34 -0.58	31.40 1.33 -2.33	31.08 1.23 0.00	28.37 1.26 0.00
NARROWS_GT1_1 24228	37.99 2.10 -1.22	39.33 1.33 -15.42	47.78 0.45 -39.46	31.78 1.45 -4.62	47.28 0.81 -31.18	54.70 1.63 -23.46	50.99 2.81 -3.89	46.58 2.78 -4.18	37.90 2.18 -4.62	45.24 2.11 -13.81	33.62 2.36 0.00	31.52 2.12 0.00	28.58 1.74 -0.72	31.25 1.84 -0.67	31.84 1.97 0.00	35.42 2.16 -1.38	32.75 2.21 -0.12	34.62 1.96 -7.57	32.53 2.05 -4.25	32.09 2.13 -0.52	31.85 1.99 -0.46	31.36 1.76 -1.85	31.51 1.66 0.00	28.69 1.58 0.00
NARROWS_GT1_2 24229	37.99 2.10 -1.22	39.33 1.33 -15.42	47.78 0.45 -39.46	31.78 1.45 -4.62	47.28 0.81 -31.18	54.70 1.63 -23.46	50.99 2.81 -3.89	46.58 2.78 -4.18	37.90 2.18 -4.62	45.24 2.11 -13.81	33.62 2.36 0.00	31.52 2.12 0.00	28.58 1.74 -0.72	31.25 1.84 -0.67	31.84 1.97 0.00	35.42 2.16 -1.38	32.75 2.21 -0.12	34.62 1.96 -7.57	32.53 2.05 -4.25	32.09 2.13 -0.52	31.85 1.99 -0.46	31.36 1.76 -1.85	31.51 1.66 0.00	28.69 1.58 0.00
NARROWS_GT1_3 24230	37.99 2.10 -1.22	39.33 1.33 -15.42	47.78 0.45 -39.46	31.78 1.45 -4.62	47.28 0.81 -31.18	54.70 1.63 -23.46	50.99 2.81 -3.89	46.58 2.78 -4.18	37.90 2.18 -4.62	45.24 2.11 -13.81	33.62 2.36 0.00	31.52 2.12 0.00	28.58 1.74 -0.72	31.25 1.84 -0.67	31.84 1.97 0.00	35.42 2.16 -1.38	32.75 2.21 -0.12	34.62 1.96 -7.57	32.53 2.05 -4.25	32.09 2.13 -0.52	31.85 1.99 -0.46	31.36 1.76 -1.85	31.51 1.66 0.00	28.69 1.58 0.00
NARROWS_GT1_4 24231	37.99 2.10 -1.22	39.33 1.33 -15.42	47.78 0.45 -39.46	31.78 1.45 -4.62	47.28 0.81 -31.18	54.70 1.63 -23.46	50.99 2.81 -3.89	46.58 2.78 -4.18	37.90 2.18 -4.62	45.24 2.11 -13.81	33.62 2.36 0.00	31.52 2.12 0.00	28.58 1.74 -0.72	31.25 1.84 -0.67	31.84 1.97 0.00	35.42 2.16 -1.38	32.75 2.21 -0.12	34.62 1.96 -7.57	32.53 2.05 -4.25	32.09 2.13 -0.52	31.85 1.99 -0.46	31.36 1.76 -1.85	31.51 1.66 0.00	28.69 1.58 0.00
NARROWS_GT1_5 24232	37.99 2.10 -1.22	39.33 1.33 -15.42	47.78 0.45 -39.46	31.78 1.45 -4.62	47.28 0.81 -31.18	54.70 1.63 -23.46	50.99 2.81 -3.89	46.58 2.78 -4.18	37.90 2.18 -4.62	45.24 2.11 -13.81	33.62 2.36 0.00	31.52 2.12 0.00	28.58 1.74 -0.72	31.25 1.84 -0.67	31.84 1.97 0.00	35.42 2.16 -1.38	32.75 2.21 -0.12	34.62 1.96 -7.57	32.53 2.05 -4.25	32.09 2.13 -0.52	31.85 1.99 -0.46	31.36 1.76 -1.85	31.51 1.66 0.00	28.69 1.58 0.00
NARROWS_GT1_6 24233	37.99 2.10 -1.22	39.33 1.33 -15.42	47.78 0.45 -39.46	31.78 1.45 -4.62	47.28 0.81 -31.18	54.70 1.63 -23.46	50.99 2.81 -3.89	46.58 2.78 -4.18	37.90 2.18 -4.62	45.24 2.11 -13.81	33.62 2.36 0.00	31.52 2.12 0.00	28.58 1.74 -0.72	31.25 1.84 -0.67	31.84 1.97 0.00	35.42 2.16 -1.38	32.75 2.21 -0.12	34.62 1.96 -7.57	32.53 2.05 -4.25	32.09 2.13 -0.52	31.85 1.99 -0.46	31.36 1.76 -1.85	31.51 1.66 0.00	28.69 1.58 0.00
NARROWS_GT1_7 24234	37.99 2.10 -1.22	39.33 1.33 -15.42	47.78 0.45 -39.46	31.78 1.45 -4.62	47.28 0.81 -31.18	54.70 1.63 -23.46	50.99 2.81 -3.89	46.58 2.78 -4.18	37.90 2.18 -4.62	45.24 2.11 -13.81	33.62 2.36 0.00	31.52 2.12 0.00	28.58 1.74 -0.72	31.25 1.84 -0.67	31.84 1.97 0.00	35.42 2.16 -1.38	32.75 2.21 -0.12	34.62 1.96 -7.57	32.53 2.05 -4.25	32.09 2.13 -0.52	31.85 1.99 -0.46	31.36 1.76 -1.85	31.51 1.66 0.00	28.69 1.58 0.00
NARROWS_GT1_8 24235	37.99 2.10 -1.22	39.33 1.33 -15.42	47.78 0.45 -39.46	31.78 1.45 -4.62	47.28 0.81 -31.18	54.70 1.63 -23.46	50.99 2.81 -3.89	46.58 2.78 -4.18	37.90 2.18 -4.62	45.24 2.11 -13.81	33.62 2.36 0.00	31.52 2.12 0.00	28.58 1.74 -0.72	31.25 1.84 -0.67	31.84 1.97 0.00	35.42 2.16 -1.38	32.75 2.21 -0.12	34.62 1.96 -7.57	32.53 2.05 -4.25	32.09 2.13 -0.52	31.85 1.99 -0.46	31.36 1.76 -1.85	31.51 1.66 0.00	28.69 1.58 0.00
NARROWS_GT2_1 24236	37.99 2.10 -1.22	39.33 1.33 -15.42	47.78 0.45 -39.46	31.78 1.45 -4.62	47.28 0.81 -31.18	54.70 1.63 -23.46	50.99 2.81 -3.89	46.58 2.78 -4.18	37.90 2.18 -4.62	45.24 2.11 -13.81	33.62 2.36 0.00	31.52 2.12 0.00	28.58 1.74 -0.72	31.25 1.84 -0.67	31.84 1.97 0.00	35.42 2.16 -1.38	32.75 2.21 -0.12	34.62 1.96 -7.57	32.53 2.05 -4.25	32.09 2.13 -0.52	31.85 1.99 -0.46	31.36 1.76 -1.85	31.51 1.66 0.00	28.69 1.58 0.00

NARROWS_GT2_2 24237	37.99 2.10 -1.22	39.33 1.33 -15.42	47.78 0.45 -39.46	31.78 1.45 -4.62	47.28 0.81 -31.18	54.70 1.63 -23.46	50.99 2.81 -3.89	46.58 2.78 -4.18	37.90 2.18 -4.62	45.24 2.11 -13.81	33.62 2.36 0.00	31.52 2.12 0.00	28.58 1.74 -0.72	31.25 1.84 -0.67	31.84 1.97 0.00	35.42 2.16 -1.38	32.75 2.21 -0.12	34.62 1.96 -7.57	32.53 2.05 -4.25	32.09 2.13 -0.52	31.85 1.99 -0.46	31.36 1.76 -1.85	31.51 1.66 0.00	28.69 1.58 0.00
NARROWS_GT2_3 24238	37.99 2.10 -1.22	39.33 1.33 -15.42	47.78 0.45 -39.46	31.78 1.45 -4.62	47.28 0.81 -31.18	54.70 1.63 -23.46	50.99 2.81 -3.89	46.58 2.78 -4.18	37.90 2.18 -4.62	45.24 2.11 -13.81	33.62 2.36 0.00	31.52 2.12 0.00	28.58 1.74 -0.72	31.25 1.84 -0.67	31.84 1.97 0.00	35.42 2.16 -1.38	32.75 2.21 -0.12	34.62 1.96 -7.57	32.53 2.05 -4.25	32.09 2.13 -0.52	31.85 1.99 -0.46	31.36 1.76 -1.85	31.51 1.66 0.00	28.69 1.58 0.00
NARROWS_GT2_4 24239	37.99 2.10 -1.22	39.33 1.33 -15.42	47.78 0.45 -39.46	31.78 1.45 -4.62	47.28 0.81 -31.18	54.70 1.63 -23.46	50.99 2.81 -3.89	46.58 2.78 -4.18	37.90 2.18 -4.62	45.24 2.11 -13.81	33.62 2.36 0.00	31.52 2.12 0.00	28.58 1.74 -0.72	31.25 1.84 -0.67	31.84 1.97 0.00	35.42 2.16 -1.38	32.75 2.21 -0.12	34.62 1.96 -7.57	32.53 2.05 -4.25	32.09 2.13 -0.52	31.85 1.99 -0.46	31.36 1.76 -1.85	31.51 1.66 0.00	28.69 1.58 0.00
NARROWS_GT2_5 24240	37.99 2.10 -1.22	39.33 1.33 -15.42	47.78 0.45 -39.46	31.78 1.45 -4.62	47.28 0.81 -31.18	54.70 1.63 -23.46	50.99 2.81 -3.89	46.58 2.78 -4.18	37.90 2.18 -4.62	45.24 2.11 -13.81	33.62 2.36 0.00	31.52 2.12 0.00	28.58 1.74 -0.72	31.25 1.84 -0.67	31.84 1.97 0.00	35.42 2.16 -1.38	32.75 2.21 -0.12	34.62 1.96 -7.57	32.53 2.05 -4.25	32.09 2.13 -0.52	31.85 1.99 -0.46	31.36 1.76 -1.85	31.51 1.66 0.00	28.69 1.58 0.00
NARROWS_GT2_6 24241	37.99 2.10 -1.22	39.33 1.33 -15.42	47.78 0.45 -39.46	31.78 1.45 -4.62	47.28 0.81 -31.18	54.70 1.63 -23.46	50.99 2.81 -3.89	46.58 2.78 -4.18	37.90 2.18 -4.62	45.24 2.11 -13.81	33.62 2.36 0.00	31.52 2.12 0.00	28.58 1.74 -0.72	31.25 1.84 -0.67	31.84 1.97 0.00	35.42 2.16 -1.38	32.75 2.21 -0.12	34.62 1.96 -7.57	32.53 2.05 -4.25	32.09 2.13 -0.52	31.85 1.99 -0.46	31.36 1.76 -1.85	31.51 1.66 0.00	28.69 1.58 0.00
NARROWS_GT2_7 24242	37.99 2.10 -1.22	39.33 1.33 -15.42	47.78 0.45 -39.46	31.78 1.45 -4.62	47.28 0.81 -31.18	54.70 1.63 -23.46	50.99 2.81 -3.89	46.58 2.78 -4.18	37.90 2.18 -4.62	45.24 2.11 -13.81	33.62 2.36 0.00	31.52 2.12 0.00	28.58 1.74 -0.72	31.25 1.84 -0.67	31.84 1.97 0.00	35.42 2.16 -1.38	32.75 2.21 -0.12	34.62 1.96 -7.57	32.53 2.05 -4.25	32.09 2.13 -0.52	31.85 1.99 -0.46	31.36 1.76 -1.85	31.51 1.66 0.00	28.69 1.58 0.00
NARROWS_GT2_8 24243	37.99 2.10 -1.22	39.33 1.33 -15.42	47.78 0.45 -39.46	31.78 1.45 -4.62	47.28 0.81 -31.18	54.70 1.63 -23.46	50.99 2.81 -3.89	46.58 2.78 -4.18	37.90 2.18 -4.62	45.24 2.11 -13.81	33.62 2.36 0.00	31.52 2.12 0.00	28.58 1.74 -0.72	31.25 1.84 -0.67	31.84 1.97 0.00	35.42 2.16 -1.38	32.75 2.21 -0.12	34.62 1.96 -7.57	32.53 2.05 -4.25	32.09 2.13 -0.52	31.85 1.99 -0.46	31.36 1.76 -1.85	31.51 1.66 0.00	28.69 1.58 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	38.51 2.40 -1.44	42.35 1.54 -18.23	55.04 0.52 -46.65	32.86 1.69 -5.46	53.18 1.03 -36.87	59.40 2.05 -27.74	52.05 3.16 -4.60	47.25 2.69 -4.95	38.62 2.07 -5.46	33.08 1.61 -2.15	32.91 1.64 0.00	30.80 1.41 0.00	27.46 1.22 -0.11	30.32 1.48 -0.10	31.64 1.77 0.00	34.14 2.04 -0.22	32.72 2.16 -0.15	35.82 1.79 -8.95	33.18 1.92 -5.02	32.20 2.15 -0.61	31.92 1.97 -0.55	31.73 1.79 -2.19	31.57 1.73 0.00	28.73 1.62 0.00
NCHELSEA_115KV_TR2 355582	38.07 2.18 -1.22	39.51 1.39 -15.53	48.09 0.48 -39.75	31.90 1.54 -4.66	47.59 0.89 -31.41	55.10 1.86 -23.64	51.29 3.09 -3.92	46.72 2.89 -4.21	37.92 2.17 -4.65	31.31 1.99 0.00	33.37 2.11 0.00	31.27 1.87 0.00	27.69 1.56 0.00	30.46 1.72 0.00	31.73 1.86 0.00	33.94 2.06 0.00	32.65 2.11 -0.12	34.58 1.87 -7.63	32.46 1.94 -4.28	32.02 2.06 -0.52	31.82 1.95 -0.47	31.39 1.79 -1.86	31.55 1.71 0.00	28.72 1.61 0.00
NEG CAPITAL___MECHNVIL 23645	38.19 1.97 -1.55	43.47 1.27 -19.60	58.48 0.44 -50.17	32.97 1.39 -5.88	55.77 0.84 -39.65	61.18 1.75 -29.83	52.02 2.79 -4.95	47.39 2.46 -5.32	38.84 1.87 -5.87	33.99 1.61 -3.07	32.94 1.67 0.00	30.84 1.44 0.00	27.54 1.25 -0.16	30.39 1.50 -0.15	31.60 1.73 0.00	34.06 1.87 -0.31	32.49 1.91 -0.16	36.34 1.63 -9.62	33.33 1.70 -5.40	31.92 1.82 -0.66	31.66 1.67 -0.59	31.69 1.59 -2.35	31.34 1.50 0.00	28.57 1.46 0.00
NEG CENTRAL_HIGH_ACRES 23767	33.45 -1.47 -0.25	24.73 -0.99 -3.13	15.51 -0.36 -8.00	25.36 -1.28 -0.94	20.85 -0.76 -6.33	33.04 -1.32 -4.76	42.96 -2.11 -0.79	38.56 -1.91 -0.85	30.49 -1.57 -0.95	27.82 -1.50 0.00	29.60 -1.66 0.00	27.91 -1.48 0.00	24.85 -1.28 0.00	27.23 -1.51 0.00	28.36 -1.51 0.00	30.43 -1.45 0.00	29.05 -1.39 -0.03	25.49 -1.14 -1.55	25.78 -1.33 -0.87	28.08 -1.47 -0.10	28.11 -1.39 -0.09	26.79 -1.33 -0.38	28.60 -1.25 0.00	26.07 -1.04 0.00
NEG CENTRAL___DRP 24199	34.70 -0.23 -0.25	25.64 -0.18 -3.24	16.09 -0.07 -8.29	26.37 -0.31 -0.97	21.67 -0.16 -6.55	34.35 -0.18 -4.93	44.73 -0.38 -0.82	40.20 -0.30 -0.89	31.78 -0.32 -0.99	28.87 -0.45 0.00	30.68 -0.59 0.00	28.90 -0.50 0.00	25.69 -0.44 0.00	28.22 -0.52 0.00	29.38 -0.49 0.00	31.57 -0.31 0.00	30.16 -0.28 -0.03	26.54 -0.16 -1.62	26.82 -0.32 -0.90	29.22 -0.33 -0.11	29.23 -0.27 -0.10	27.80 -0.34 -0.39	29.50 -0.35 0.00	26.86 -0.25 0.00
NEG CENTRAL___INDECK 23768	34.70 -0.28 -0.30	26.19 -0.26 -3.87	17.66 -0.11 -9.91	26.34 -0.53 -1.16	22.82 -0.28 -7.83	35.22 -0.27 -5.89	44.84 -0.42 -0.98	40.28 -0.39 -1.06	31.69 -0.59 -1.17	28.55 -0.77 0.00	30.18 -1.08 0.00	28.42 -0.98 0.00	25.24 -0.88 0.00	27.57 -1.17 0.00	28.73 -1.14 0.00	30.98 -0.90 0.00	29.76 -0.68 -0.03	26.57 -0.51 -2.00	26.56 -0.75 -1.07	28.75 -0.82 -0.13	28.87 -0.64 -0.12	27.57 -0.64 -0.47	29.36 -0.49 0.00	26.75 -0.36 0.00
NEG CENTRAL___SENECA 23627	34.70 -0.25 -0.27	25.83 -0.20 -3.45	16.61 -0.08 -8.82	26.40 -0.34 -1.03	22.10 -0.16 -6.97	34.68 -0.17 -5.25	44.76 -0.40 -0.87	40.25 -0.30 -0.94	31.83 -0.32 -1.05	28.84 -0.48 0.00	30.64 -0.63 0.00	28.89 -0.51 0.00	25.67 -0.46 0.00	28.18 -0.56 0.00	29.36 -0.50 0.00	31.60 -0.28 0.00	30.16 -0.28 -0.03	26.64 -0.17 -1.72	26.84 -0.36 -0.95	29.18 -0.39 -0.12	29.18 -0.32 -0.10	27.76 -0.40 -0.42	29.45 -0.40 0.00	26.82 -0.29 0.00
NEG CENTRAL___STATE_STREET 24147	35.04 0.11 -0.25	25.81 0.04 -3.19	16.05 0.02 -8.16	26.64 -0.03 -0.96	21.72 -0.02 -6.45	34.56 0.11 -4.85	45.08 -0.02 -0.81	40.46 -0.03 -0.88	31.99 -0.09 -0.98	29.10 -0.21 0.00	30.95 -0.31 0.00	29.15 -0.25 0.00	25.91 -0.22 0.00	28.47 -0.27 0.00	29.64 -0.23 0.00	31.77 -0.11 0.00	30.37 -0.07 -0.03	26.69 0.02 -1.59	27.05 -0.08 -0.89	29.49 -0.06 -0.11	29.49 -0.01 -0.10	28.08 -0.05 -0.39	29.78 -0.07 0.00	27.09 -0.02 0.00

NEG MILLWOOD___DRP 24198	38.25 2.34 -1.23	39.71 1.49 -15.63	48.39 0.51 -40.01	32.04 1.65 -4.69	47.87 0.97 -31.62	55.40 2.01 -23.79	51.57 3.34 -3.95	47.00 3.15 -4.24	38.18 2.39 -4.68	35.85 2.20 -4.33	33.61 2.34 0.00	31.46 2.07 0.00	28.08 1.72 -0.23	30.83 1.88 -0.21	31.89 2.02 0.00	34.54 2.23 -0.43	32.83 2.29 -0.13	34.78 2.02 -7.68	32.65 2.11 -4.30	32.21 2.24 -0.52	31.99 2.11 -0.47	31.55 1.93 -1.88	31.69 1.85 0.00	28.83 1.72 0.00
NEG NORTH_FLCN_SEA 23793	34.22 -0.46 0.00	22.36 -0.23 0.00	7.77 -0.10 0.00	25.40 -0.31 0.00	15.09 -0.20 0.00	29.20 -0.41 0.00	43.32 -0.97 0.00	38.67 -0.94 0.00	30.58 -0.52 0.00	28.80 -0.52 0.00	30.80 -0.47 0.00	0.42 -0.79 28.19	9.81 -0.72 15.60	28.38 -0.36 0.00	29.90 0.03 0.00	31.51 -0.37 0.00	30.10 -0.31 0.00	-3.46 -0.85 27.69	-21.19 -0.93 46.50	-21.23 -1.06 49.62	-21.54 -0.93 50.01	-20.98 -0.78 47.95	-20.94 -0.72 50.07	-20.93 -0.74 47.30
NEG NORTH_KES_CHATEGAY 23792	33.94 -0.73 0.00	22.17 -0.42 0.00	7.71 -0.16 0.00	25.20 -0.50 0.00	14.97 -0.31 0.00	29.03 -0.58 0.00	43.24 -1.05 0.00	38.63 -0.98 0.00	30.49 -0.61 0.00	28.76 -0.56 0.00	30.75 -0.52 0.00	-1.65 -0.78 30.26	8.69 -0.69 16.75	28.41 -0.33 0.00	29.83 -0.03 0.00	31.50 -0.38 0.00	30.03 -0.38 0.00	-5.52 -0.87 29.72	-24.59 -0.91 49.92	-24.82 -0.99 53.27	-25.29 -1.00 53.69	-24.70 -0.97 51.47	-24.85 -0.94 53.75	-24.65 -0.98 50.78
NEG NORTH___ALICE_FALLS 23915	34.59 -0.08 0.00	22.59 0.00 0.00	7.85 -0.02 0.00	25.64 -0.06 0.00	15.24 -0.04 0.00	29.57 -0.03 0.00	44.16 -0.13 0.00	39.55 -0.06 0.00	31.18 0.08 0.00	29.30 -0.02 0.00	31.33 0.06 0.00	-0.29 -0.28 29.42	9.49 -0.35 16.28	28.69 -0.05 0.00	30.18 0.31 0.00	31.96 0.08 0.00	30.58 0.17 0.00	-4.17 -0.35 28.89	-22.63 -0.34 48.53	-22.67 -0.33 51.79	-23.17 -0.38 52.19	-22.73 -0.44 50.04	-22.77 -0.36 52.25	-22.75 -0.49 49.36
NEG NORTH___LWR_SARANAC 23913	34.59 -0.08 0.00	22.59 0.00 0.00	7.85 -0.02 0.00	25.64 -0.06 0.00	15.24 -0.04 0.00	29.57 -0.03 0.00	44.16 -0.13 0.00	39.55 -0.06 0.00	31.18 0.08 0.00	29.30 -0.02 0.00	31.33 0.06 0.00	-0.29 -0.28 29.42	9.49 -0.35 16.28	28.69 -0.05 0.00	30.18 0.31 0.00	31.96 0.08 0.00	30.58 0.17 0.00	-4.17 -0.35 28.89	-22.63 -0.34 48.53	-22.67 -0.33 51.79	-23.17 -0.38 52.19	-22.73 -0.44 50.04	-22.77 -0.36 52.25	-22.75 -0.49 49.36
NEG NORTH___PLATTSBURG 23628	34.60 -0.08 0.00	22.59 0.00 0.00	7.85 -0.02 0.00	25.64 -0.06 0.00	15.24 -0.04 0.00	29.57 -0.03 0.00	44.16 -0.13 0.00	39.55 -0.06 0.00	31.18 0.08 0.00	29.30 -0.02 0.00	31.33 0.07 0.00	-0.29 -0.27 29.42	9.49 -0.35 16.28	28.69 -0.05 0.00	30.18 0.31 0.00	31.96 0.08 0.00	30.58 0.17 0.00	-4.16 -0.35 28.89	-22.63 -0.34 48.53	-22.66 -0.32 51.79	-23.17 -0.38 52.19	-22.74 -0.45 50.04	-22.77 -0.36 52.25	-22.75 -0.50 49.36
NEG WEST_LEA_LOCKPORT 23791	33.15 -1.80 -0.28	24.80 -1.31 -3.52	16.39 -0.49 -9.02	25.03 -1.73 -1.06	21.35 -1.05 -7.12	33.02 -1.95 -5.36	41.86 -3.32 -0.89	37.41 -3.16 -0.96	29.64 -2.53 -1.07	27.10 -2.22 0.00	28.82 -2.45 0.00	27.35 -2.05 0.00	24.41 -1.72 0.00	26.67 -2.08 0.00	27.59 -2.28 0.00	29.51 -2.37 0.00	28.01 -2.43 -0.03	24.68 -2.12 -1.72	24.81 -2.40 -0.97	26.92 -2.64 -0.12	27.05 -2.46 -0.11	25.98 -2.18 -0.42	28.11 -1.73 0.00	25.86 -1.25 0.00
NEG WEST___LANCASTR 23811	34.75 -0.23 -0.30	26.10 -0.29 -3.80	17.48 -0.12 -9.73	26.28 -0.56 -1.14	22.65 -0.32 -7.69	34.78 -0.61 -5.79	44.01 -1.24 -0.96	39.52 -1.13 -1.04	31.17 -1.08 -1.15	28.52 -0.80 0.00	30.45 -0.81 0.00	28.88 -0.52 0.00	25.77 -0.35 0.00	28.14 -0.60 0.00	29.18 -0.69 0.00	31.18 -0.70 0.00	29.57 -0.88 -0.03	26.10 -0.83 -1.85	26.08 -1.21 -1.05	28.38 -1.19 -0.13	28.57 -0.95 -0.11	27.38 -0.82 -0.46	29.50 -0.35 0.00	27.04 -0.07 0.00
NEG_PENN_ALLEGHNY 23528	35.34 0.19 -0.47	28.67 0.09 -5.99	23.24 0.03 -15.35	27.53 0.03 -1.80	27.43 0.02 -12.13	38.82 0.09 -9.13	45.99 0.19 -1.51	41.46 0.22 -1.63	32.95 0.04 -1.81	29.31 0.00 0.00	31.26 0.00 0.00	29.48 0.08 0.00	26.17 0.04 0.00	28.72 -0.02 0.00	29.89 0.03 0.00	31.97 0.09 0.00	30.53 0.07 -0.05	28.17 0.13 -2.95	27.88 -0.02 -1.66	29.64 -0.01 -0.20	29.61 0.03 -0.18	28.47 0.00 -0.72	29.83 -0.01 0.00	27.18 0.07 0.00
NEG___GEN_MONROE 24207	34.18 -0.75 -0.25	25.26 -0.53 -3.20	15.86 -0.20 -8.19	25.93 -0.74 -0.96	21.25 -0.50 -6.47	33.65 -0.82 -4.87	43.65 -1.44 -0.81	39.18 -1.31 -0.87	30.96 -1.12 -0.97	28.26 -1.06 0.00	30.02 -1.24 0.00	28.37 -1.02 0.00	25.27 -0.85 0.00	27.67 -1.07 0.00	28.69 -1.18 0.00	30.81 -1.07 0.00	29.39 -1.05 -0.03	25.81 -0.85 -1.58	26.10 -1.03 -0.88	28.42 -1.14 -0.11	28.47 -1.03 -0.10	27.21 -0.92 -0.39	29.18 -0.66 0.00	26.67 -0.44 0.00
NEPA___ENERGY 23901	34.05 -0.93 -0.30	25.72 -0.72 -3.85	17.45 -0.26 -9.84	25.87 -0.99 -1.15	22.50 -0.56 -7.78	34.38 -1.08 -5.85	43.35 -1.90 -0.97	38.87 -1.80 -1.05	30.66 -1.61 -1.16	27.88 -1.44 0.00	29.82 -1.44 0.00	28.41 -0.98 0.00	25.26 -0.87 0.00	27.59 -1.15 0.00	28.49 -1.38 0.00	30.42 -1.46 0.00	28.82 -1.62 -0.03	25.71 -1.24 -1.87	25.63 -1.67 -1.06	27.75 -1.83 -0.13	27.90 -1.62 -0.12	26.76 -1.45 -0.46	28.69 -1.15 0.00	26.34 -0.76 0.00
NEVERSINK___HYD 23608	37.28 1.50 -1.11	37.55 0.94 -14.02	44.08 0.32 -35.89	30.95 1.04 -4.20	44.24 0.59 -28.37	52.26 1.31 -21.34	50.11 2.28 -3.54	45.63 2.21 -3.81	37.01 1.70 -4.20	27.05 1.48 3.75	32.74 1.48 0.00	30.65 1.25 0.00	26.95 1.02 0.20	29.66 1.10 0.18	30.97 1.10 0.00	32.08 0.58 0.38	31.33 0.80 -0.11	32.76 0.79 -6.89	30.90 0.80 -3.86	30.69 0.78 -0.47	30.59 0.77 -0.42	30.83 1.41 -1.68	31.16 1.31 0.00	28.35 1.24 0.00
NEWKRMKL_115KV_TB1 55635	37.55 1.35 -1.52	42.77 0.88 -19.30	57.56 0.30 -49.40	32.47 0.97 -5.79	54.90 0.58 -39.04	60.09 1.12 -29.37	50.83 1.68 -4.87	46.20 1.35 -5.24	38.04 1.16 -5.78	33.42 0.98 -3.12	32.37 1.11 0.00	30.36 0.96 0.00	27.11 0.82 -0.16	29.89 1.00 -0.15	31.02 1.15 0.00	33.40 1.21 -0.31	31.76 1.19 -0.15	35.52 0.97 -9.48	32.61 1.06 -5.31	31.21 1.11 -0.64	30.96 0.98 -0.58	31.03 0.96 -2.32	30.69 0.85 0.00	27.98 0.87 0.00
NEWTON___FALLS_HYD 23847	33.73 -1.00 -0.06	22.57 -0.72 -0.70	9.41 -0.26 -1.79	25.09 -0.82 -0.21	16.18 -0.52 -1.42	29.83 -0.84 -1.07	43.37 -1.10 -0.18	38.98 -0.82 -0.19	31.08 -0.22 -0.20	28.90 -0.41 0.00	30.80 -0.46 0.00	32.03 -0.54 -3.17	27.38 -0.51 -1.76	28.13 -0.61 0.00	29.11 -0.76 0.00	31.21 -0.67 0.00	29.58 -0.84 -0.01	27.47 -0.95 -3.34	30.33 -1.00 -5.10	33.51 -1.14 -5.19	33.50 -1.14 -5.23	31.68 -1.16 -5.09	33.77 -1.29 -5.22	30.83 -1.21 -4.93
NGRID_A1_DSASP 323792	32.15 -2.81 -0.28	24.24 -1.90 -3.55	16.27 -0.69 -9.09	24.37 -2.41 -1.07	20.99 -1.48 -7.19	32.28 -2.72 -5.41	40.62 -4.57 -0.90	36.32 -4.26 -0.97	28.85 -3.33 -1.08	26.38 -2.94 0.00	28.06 -3.21 0.00	26.64 -2.76 0.00	23.80 -2.32 0.00	25.99 -2.75 0.00	26.88 -2.99 0.00	28.72 -3.16 0.00	27.24 -3.20 -0.03	24.02 -2.79 -1.73	24.15 -3.07 -0.98	26.14 -3.42 -0.12	26.29 -3.22 -0.11	25.30 -2.87 -0.43	27.46 -2.38 0.00	25.24 -1.87 0.00

NGRID_A2_DSASP 323793	32.15 -2.81 -0.28	24.24 -1.90 -3.55	16.27 -0.69 -9.09	24.37 -2.41 -1.07	20.99 -1.48 -7.19	32.28 -2.72 -5.41	40.62 -4.57 -0.90	36.32 -4.26 -0.97	28.85 -3.33 -1.08	26.38 -2.94 0.00	28.06 -3.21 0.00	26.64 -2.76 0.00	23.80 -2.32 0.00	25.99 -2.75 0.00	26.88 -2.99 0.00	28.72 -3.16 0.00	27.24 -3.20 -0.03	24.02 -2.79 -1.73	24.15 -3.07 -0.98	26.14 -3.42 -0.12	26.29 -3.22 -0.11	25.30 -2.87 -0.43	27.46 -2.38 0.00	25.24 -1.87 0.00
NGRID_A4_DSASP 323807	32.15 -2.81 -0.28	24.24 -1.90 -3.55	16.27 -0.69 -9.09	24.37 -2.41 -1.07	20.99 -1.48 -7.19	32.28 -2.72 -5.41	40.62 -4.57 -0.90	36.32 -4.26 -0.97	28.85 -3.33 -1.08	26.38 -2.94 0.00	28.06 -3.21 0.00	26.64 -2.76 0.00	23.80 -2.32 0.00	25.99 -2.75 0.00	26.88 -2.99 0.00	28.72 -3.16 0.00	27.24 -3.20 -0.03	24.02 -2.79 -1.73	24.15 -3.07 -0.98	26.14 -3.42 -0.12	26.29 -3.22 -0.11	25.30 -2.87 -0.43	27.46 -2.38 0.00	25.24 -1.87 0.00
NIAGARA_115E_LBMP 323715	32.69 -2.27 -0.28	24.51 -1.64 -3.56	16.37 -0.60 -9.10	24.72 -2.05 -1.07	21.22 -1.26 -7.19	32.63 -2.39 -5.41	41.17 -4.02 -0.90	36.73 -3.85 -0.97	29.15 -3.03 -1.08	26.66 -2.66 0.00	28.34 -2.93 0.00	26.90 -2.49 0.00	24.03 -2.10 0.00	26.23 -2.51 0.00	27.14 -2.72 0.00	29.01 -2.87 0.00	27.53 -2.91 -0.03	24.29 -2.53 -1.73	24.41 -2.81 -0.98	26.44 -3.13 -0.12	26.57 -2.93 -0.11	25.56 -2.61 -0.43	27.71 -2.14 0.00	25.53 -1.58 0.00
NIAGARA_115W_LBMP 323714	32.06 -2.90 -0.28	24.18 -1.96 -3.55	16.24 -0.71 -9.08	24.30 -2.47 -1.07	20.95 -1.51 -7.18	32.20 -2.80 -5.40	40.50 -4.68 -0.90	36.21 -4.37 -0.97	28.77 -3.40 -1.07	26.32 -3.00 0.00	27.99 -3.28 0.00	26.57 -2.83 0.00	23.75 -2.38 0.00	25.92 -2.82 0.00	26.82 -3.05 0.00	28.64 -3.24 0.00	27.16 -3.28 -0.03	23.96 -2.85 -1.73	24.09 -3.14 -0.98	26.08 -3.49 -0.12	26.21 -3.30 -0.11	25.24 -2.94 -0.43	27.38 -2.46 0.00	25.18 -1.93 0.00
NIAGARA_230_LBMP 323716	32.63 -2.33 -0.28	24.52 -1.59 -3.53	16.32 -0.58 -9.03	24.69 -2.08 -1.06	21.17 -1.25 -7.13	32.67 -2.30 -5.37	41.20 -3.98 -0.89	36.85 -3.73 -0.96	29.22 -2.96 -1.07	26.73 -2.59 0.00	28.44 -2.82 0.00	26.99 -2.41 0.00	24.11 -2.02 0.00	26.34 -2.40 0.00	27.26 -2.61 0.00	29.14 -2.74 0.00	27.62 -2.82 -0.03	24.36 -2.44 -1.72	24.48 -2.74 -0.98	26.54 -3.03 -0.12	26.68 -2.83 -0.11	25.66 -2.51 -0.42	27.79 -2.05 0.00	25.54 -1.57 0.00
NIAGARA__115KV_198_GIBSON 55903	32.08 -2.87 -0.28	24.18 -1.96 -3.55	16.24 -0.71 -9.08	24.31 -2.47 -1.07	20.95 -1.51 -7.18	32.22 -2.79 -5.40	40.51 -4.67 -0.90	36.24 -4.34 -0.97	28.77 -3.41 -1.07	26.31 -3.01 0.00	27.99 -3.28 0.00	26.57 -2.83 0.00	23.75 -2.38 0.00	25.91 -2.83 0.00	26.82 -3.05 0.00	28.64 -3.24 0.00	27.16 -3.28 -0.03	23.95 -2.86 -1.73	24.08 -3.14 -0.98	26.08 -3.49 -0.12	26.21 -3.30 -0.11	25.23 -2.94 -0.43	27.37 -2.48 0.00	25.17 -1.94 0.00
NIAGARA____ 23760	32.63 -2.33 -0.28	24.55 -1.59 -3.55	16.38 -0.58 -9.09	24.69 -2.08 -1.06	21.22 -1.25 -7.18	32.70 -2.30 -5.40	41.20 -3.98 -0.90	36.85 -3.73 -0.96	29.22 -2.96 -1.07	26.73 -2.59 0.00	28.44 -2.82 0.00	26.99 -2.41 0.00	24.11 -2.02 0.00	26.34 -2.40 0.00	27.26 -2.61 0.00	29.14 -2.74 0.00	27.62 -2.82 -0.03	24.37 -2.44 -1.72	24.48 -2.74 -0.98	26.54 -3.03 -0.12	26.68 -2.83 -0.11	25.66 -2.51 -0.42	27.79 -2.05 0.00	25.54 -1.57 0.00
NINE_MILE_1 23575	33.80 -1.04 -0.17	24.03 -0.69 -2.13	13.09 -0.24 -5.46	25.50 -0.84 -0.64	19.10 -0.50 -4.31	31.88 -0.97 -3.25	43.32 -1.50 -0.54	38.87 -1.33 -0.58	30.67 -1.07 -0.64	28.29 -1.03 0.00	30.13 -1.14 0.00	28.35 -1.05 0.00	25.20 -0.92 0.00	27.70 -1.05 0.00	28.79 -1.07 0.00	30.80 -1.08 0.00	29.41 -1.02 -0.02	25.31 -0.81 -1.04	25.92 -0.90 -0.58	28.58 -0.94 -0.07	28.60 -0.86 -0.06	27.18 -0.82 -0.25	28.98 -0.87 0.00	26.35 -0.76 0.00
NINE_MILE_2 23744	33.80 -1.04 -0.17	24.03 -0.69 -2.12	13.07 -0.24 -5.44	25.51 -0.83 -0.64	19.09 -0.50 -4.30	31.87 -0.96 -3.24	43.33 -1.49 -0.54	38.87 -1.32 -0.58	30.68 -1.07 -0.64	28.29 -1.03 0.00	30.14 -1.13 0.00	28.36 -1.04 0.00	25.20 -0.92 0.00	27.70 -1.05 0.00	28.79 -1.07 0.00	30.80 -1.08 0.00	29.41 -1.02 -0.02	25.31 -0.81 -1.04	25.93 -0.90 -0.58	28.58 -0.94 -0.07	28.60 -0.86 -0.06	27.18 -0.82 -0.25	28.98 -0.87 0.00	26.36 -0.75 0.00
NM_CAPITAL____DRP 24208	37.62 1.43 -1.52	42.77 0.93 -19.24	57.44 0.32 -49.25	32.51 1.03 -5.77	54.82 0.61 -38.93	60.08 1.19 -29.29	50.93 1.79 -4.86	46.32 1.48 -5.22	38.09 1.23 -5.76	33.55 1.07 -3.16	32.46 1.19 0.00	30.44 1.04 0.00	27.17 0.88 -0.16	29.96 1.06 -0.15	31.09 1.22 0.00	33.46 1.27 -0.32	31.81 1.24 -0.15	35.54 1.01 -9.45	32.64 1.10 -5.30	31.24 1.15 -0.64	31.01 1.03 -0.58	31.08 1.02 -2.31	30.76 0.92 0.00	28.05 0.94 0.00
NM_CENTRAL____DRP 24181	34.49 -0.39 -0.21	24.92 -0.27 -2.61	14.44 -0.10 -6.67	26.11 -0.38 -0.78	20.33 -0.23 -5.27	33.17 -0.40 -3.97	44.36 -0.58 -0.66	39.81 -0.52 -0.72	31.44 -0.47 -0.81	28.83 -0.49 0.00	30.72 -0.55 0.00	28.91 -0.49 0.00	25.68 -0.44 0.00	28.22 -0.52 0.00	29.38 -0.48 0.00	31.45 -0.43 0.00	30.05 -0.38 -0.02	26.11 -0.26 -1.29	26.61 -0.35 -0.72	29.18 -0.35 -0.09	29.19 -0.29 -0.08	27.76 -0.30 -0.31	29.51 -0.33 0.00	26.85 -0.26 0.00
NM_FRONTIER____DRP 24179	32.08 -2.87 -0.28	24.18 -1.96 -3.55	16.24 -0.71 -9.08	24.31 -2.47 -1.07	20.95 -1.51 -7.18	32.22 -2.79 -5.40	40.51 -4.67 -0.90	36.24 -4.34 -0.97	28.77 -3.41 -1.07	26.31 -3.01 0.00	27.99 -3.28 0.00	26.57 -2.83 0.00	23.75 -2.38 0.00	25.91 -2.83 0.00	26.82 -3.05 0.00	28.64 -3.24 0.00	27.16 -3.28 -0.03	23.95 -2.86 -1.73	24.08 -3.14 -0.98	26.08 -3.49 -0.12	26.21 -3.30 -0.11	25.23 -2.94 -0.43	27.37 -2.48 0.00	25.17 -1.94 0.00
NM_ST_REGIS____HYD 24053	34.41 -0.30 -0.03	22.76 -0.18 -0.35	8.70 -0.07 -0.90	25.62 -0.20 -0.11	15.83 -0.16 -0.71	29.86 -0.28 -0.54	43.77 -0.60 -0.09	39.25 -0.46 -0.10	31.12 -0.08 -0.10	29.25 -0.07 0.00	31.15 -0.11 0.00	36.87 -0.12 -7.60	30.23 -0.10 -4.21	28.75 0.00 0.00	29.86 -0.01 0.00	31.79 -0.09 0.00	30.04 -0.38 0.00	31.91 -0.64 -7.47	37.87 -0.64 -12.27	41.69 -0.72 -12.97	41.76 -0.71 -13.07	39.59 -0.72 -12.56	42.18 -0.73 -13.07	38.72 -0.74 -12.35
NORTHPORT____1 23551	91.94 2.97 -54.29	53.82 1.95 -29.28	64.42 0.66 -55.90	32.44 2.11 -4.62	86.48 1.31 -69.89	83.75 2.64 -51.51	105.46 4.19 -56.99	133.74 3.86 -90.26	81.13 2.96 -47.06	45.72 2.66 -13.74	33.90 2.63 0.00	31.53 2.14 0.00	28.78 1.93 -0.72	31.16 2.25 -0.17	32.15 2.28 0.00	39.31 2.78 -4.65	35.63 2.76 -2.46	41.19 2.31 -13.80	35.63 2.50 -6.89	32.58 2.62 -0.52	32.35 2.48 -0.46	33.11 2.32 -3.05	50.10 2.42 -17.84	29.97 2.20 -0.66
NORTHPORT____2 23552	91.94 2.97 -54.29	53.82 1.95 -29.28	64.42 0.66 -55.90	32.44 2.11 -4.62	86.48 1.31 -69.89	83.75 2.64 -51.51	105.46 4.19 -56.99	133.74 3.86 -90.26	81.13 2.96 -47.06	45.72 2.66 -13.74	33.90 2.63 0.00	31.53 2.14 0.00	28.78 1.93 -0.72	31.16 2.25 -0.17	32.15 2.28 0.00	39.31 2.78 -4.65	35.63 2.76 -2.46	41.19 2.31 -13.80	35.63 2.50 -6.89	32.58 2.62 -0.52	32.35 2.48 -0.46	33.11 2.32 -3.05	50.10 2.42 -17.84	29.97 2.20 -0.66

NORTHPORT___3 23553	91.57 2.76 -54.13	53.60 1.80 -29.21	64.20 0.60 -55.73	32.26 1.94 -4.62	86.19 1.18 -69.72	83.29 2.39 -51.29	104.86 3.85 -56.73	133.15 3.53 -90.00	80.77 2.74 -46.93	45.51 2.45 -13.74	33.70 2.44 0.00	31.39 2.00 0.00	28.62 1.78 -0.72	30.98 2.09 -0.15	31.93 2.06 0.00	39.04 2.49 -4.67	35.37 2.48 -2.48	40.95 2.03 -13.83	35.35 2.21 -6.90	32.32 2.36 -0.52	32.16 2.30 -0.46	32.92 2.12 -3.06	49.80 2.17 -17.78	29.76 2.01 -0.64
NORTHPORT___4 23650	91.57 2.76 -54.13	53.60 1.80 -29.21	64.20 0.60 -55.73	32.26 1.94 -4.62	86.19 1.18 -69.72	83.29 2.39 -51.29	104.86 3.85 -56.73	133.15 3.53 -90.00	80.77 2.74 -46.93	45.51 2.45 -13.74	33.70 2.44 0.00	31.39 2.00 0.00	28.62 1.78 -0.72	30.98 2.09 -0.15	31.93 2.06 0.00	39.04 2.49 -4.67	35.37 2.48 -2.48	40.95 2.03 -13.83	35.35 2.21 -6.90	32.32 2.36 -0.52	32.16 2.30 -0.46	32.92 2.12 -3.06	49.80 2.17 -17.78	29.76 2.01 -0.64
NORTHPORT___IC 23718	91.94 2.97 -54.29	53.82 1.95 -29.28	64.42 0.66 -55.90	32.44 2.11 -4.62	86.48 1.31 -69.89	83.75 2.64 -51.51	105.46 4.19 -56.99	133.74 3.86 -90.26	81.13 2.96 -47.06	45.72 2.66 -13.74	33.90 2.63 0.00	31.53 2.14 0.00	28.78 1.93 -0.72	31.16 2.25 -0.17	32.15 2.28 0.00	39.31 2.78 -4.65	35.63 2.76 -2.46	41.19 2.31 -13.80	35.63 2.50 -6.89	32.58 2.62 -0.52	32.35 2.48 -0.46	33.11 2.32 -3.05	50.10 2.42 -17.84	29.97 2.20 -0.66
NORTH___COUNTRY_ESR 323785	33.78 -0.89 0.00	22.07 -0.52 0.00	7.67 -0.19 0.00	25.10 -0.60 0.00	14.92 -0.36 0.00	28.90 -0.70 0.00	43.08 -1.21 0.00	38.49 -1.12 0.00	30.36 -0.74 0.00	28.66 -0.66 0.00	30.63 -0.63 0.00	-1.77 -0.88 30.28	8.60 -0.77 16.76	28.32 -0.42 0.00	29.74 -0.13 0.00	31.42 -0.46 0.00	29.92 -0.50 0.00	-5.64 -0.97 29.75	-24.73 -1.01 49.96	-24.99 -1.13 53.31	-25.45 -1.12 53.73	-24.85 -1.09 51.51	-25.02 -1.08 53.79	-24.80 -1.09 50.82
NPX_GEN_1385_PROXY 323591	91.94 2.97 -54.29	53.82 1.95 -29.28	64.42 0.66 -55.90	32.46 2.13 -4.62	86.73 1.55 -69.89	84.22 3.10 -51.51	106.00 4.73 -56.99	134.29 4.42 -90.26	81.48 3.32 -47.06	45.94 2.88 -13.74	33.88 2.61 0.00	31.16 1.76 0.00	28.59 1.75 -0.72	30.95 2.03 -0.17	32.00 2.13 0.00	39.52 2.99 -4.65	35.57 2.70 -2.46	41.18 2.29 -13.80	35.77 2.64 -6.89	32.58 2.61 -0.52	32.18 2.31 -0.46	32.93 2.14 -3.05	50.15 2.46 -17.84	30.01 2.23 -0.66
NPX_GEN_CSC 323557	92.29 3.62 -54.00	54.25 2.33 -29.32	64.60 0.79 -55.95	32.86 2.53 -4.62	86.75 1.54 -69.92	84.78 3.15 -52.02	106.48 5.00 -57.19	134.04 4.64 -89.79	81.43 3.50 -46.83	46.19 3.13 -13.74	34.32 3.05 0.00	31.88 2.48 0.00	29.10 2.26 -0.72	31.57 2.59 -0.24	32.61 2.75 0.00	39.95 3.38 -4.69	36.34 3.43 -2.50	41.84 2.90 -13.86	36.30 3.15 -6.92	33.29 3.32 -0.52	33.01 3.15 -0.46	33.73 2.92 -3.06	50.62 3.02 -17.75	30.51 2.71 -0.70
NSINS_S_GLNS_FALLS 23858	37.84 1.61 -1.56	43.32 1.00 -19.73	58.70 0.33 -50.51	32.66 1.04 -5.91	55.86 0.66 -39.91	61.15 1.52 -30.03	51.75 2.49 -4.98	47.08 2.12 -5.35	38.61 1.60 -5.91	33.65 1.33 -3.01	32.61 1.35 0.00	30.53 1.13 0.00	27.25 0.97 -0.16	30.12 1.23 -0.15	31.38 1.52 0.00	33.77 1.59 -0.30	32.25 1.68 -0.16	36.22 1.45 -9.69	33.17 1.49 -5.43	31.67 1.56 -0.66	31.38 1.38 -0.59	31.44 1.33 -2.37	31.05 1.20 0.00	28.35 1.24 0.00
NUCOR_STEEL___DRP 24197	35.01 0.09 -0.25	25.73 0.03 -3.11	15.85 0.02 -7.97	26.61 -0.03 -0.93	21.56 -0.02 -6.30	34.43 0.08 -4.74	45.02 -0.06 -0.79	40.40 -0.07 -0.86	31.94 -0.12 -0.96	29.09 -0.23 0.00	30.94 -0.33 0.00	29.12 -0.27 0.00	25.89 -0.23 0.00	28.45 -0.29 0.00	29.61 -0.25 0.00	31.73 -0.15 0.00	30.34 -0.10 -0.03	26.62 -0.01 -1.55	27.00 -0.11 -0.87	29.47 -0.08 -0.11	29.47 -0.03 -0.09	28.05 -0.07 -0.38	29.76 -0.08 0.00	27.08 -0.04 0.00
NUMBER_THREE_WT_PWR 323818	33.61 -1.14 -0.08	22.68 -0.89 -0.97	10.04 -0.32 -2.49	24.96 -1.03 -0.29	16.63 -0.61 -1.97	30.19 -0.89 -1.48	43.67 -0.86 -0.25	39.33 -0.54 -0.26	31.49 0.11 -0.27	29.03 -0.29 0.00	31.00 -0.27 0.00	30.40 -0.48 -1.49	26.49 -0.46 -0.82	28.12 -0.62 0.00	29.02 -0.85 0.00	31.26 -0.62 0.00	29.68 -0.74 -0.01	26.08 -0.88 -1.88	27.74 -0.97 -2.48	30.65 -1.12 -2.32	30.60 -1.14 -2.33	28.90 -1.18 -2.34	30.78 -1.37 -2.31	28.04 -1.25 -2.18
NYISO_LBMP_REFERENCE 24008	34.67 0.00 0.00	22.59 0.00 0.00	7.87 0.00 0.00	25.71 0.00 0.00	15.28 0.00 0.00	29.60 0.00 0.00	44.29 0.00 0.00	39.61 0.00 0.00	31.10 0.00 0.00	29.32 0.00 0.00	31.26 0.00 0.00	29.39 0.00 0.00	26.13 0.00 0.00	28.74 0.00 0.00	29.87 0.00 0.00	31.88 0.00 0.00	30.41 0.00 0.00	25.08 0.00 0.00	26.24 0.00 0.00	29.45 0.00 0.00	29.40 0.00 0.00	27.75 0.00 0.00	29.85 0.00 0.00	27.11 0.00 0.00
NYPA_BRENTWD___GT 24164	91.72 3.40 -53.65	54.17 2.21 -29.37	64.62 0.74 -56.01	32.72 2.40 -4.62	86.72 1.46 -69.97	85.13 2.87 -52.65	106.33 4.59 -57.45	133.06 4.23 -89.22	80.98 3.33 -46.55	46.06 3.00 -13.74	34.25 2.98 0.00	31.85 2.46 0.00	29.06 2.22 -0.72	31.61 2.56 -0.32	32.51 2.64 0.00	39.81 3.19 -4.74	36.17 3.22 -2.54	41.72 2.71 -13.93	36.12 2.93 -6.95	33.06 3.09 -0.52	32.81 2.94 -0.46	33.57 2.74 -3.09	50.29 2.83 -17.63	30.40 2.54 -0.75
NYPA_GOWANUS___GT5 24156	37.99 2.10 -1.22	39.33 1.33 -15.42	47.78 0.45 -39.46	31.78 1.45 -4.62	47.28 0.81 -31.18	54.69 1.62 -23.46	50.97 2.79 -3.89	46.57 2.77 -4.18	37.88 2.16 -4.62	45.24 2.11 -13.81	33.62 2.36 0.00	31.52 2.12 0.00	28.58 1.74 -0.72	31.25 1.84 -0.67	31.84 1.97 0.00	35.42 2.16 -1.38	32.75 2.21 -0.12	34.62 1.96 -7.57	32.53 2.05 -4.25	32.09 2.13 -0.52	31.85 1.99 -0.46	31.36 1.76 -1.85	31.51 1.66 0.00	28.69 1.58 0.00
NYPA_GOWANUS___GT6 24157	37.99 2.10 -1.22	39.33 1.33 -15.42	47.78 0.45 -39.46	31.78 1.45 -4.62	47.28 0.81 -31.18	54.69 1.62 -23.46	50.97 2.79 -3.89	46.57 2.77 -4.18	37.88 2.16 -4.62	45.24 2.11 -13.81	33.62 2.36 0.00	31.52 2.12 0.00	28.58 1.74 -0.72	31.25 1.84 -0.67	31.84 1.97 0.00	35.42 2.16 -1.38	32.75 2.21 -0.12	34.62 1.96 -7.57	32.53 2.05 -4.25	32.09 2.13 -0.52	31.85 1.99 -0.46	31.36 1.76 -1.85	31.51 1.66 0.00	28.69 1.58 0.00
NYPA_HARLEM__RVR_GT1 24160	37.82 1.93 -1.22	39.24 1.24 -15.42	47.75 0.43 -39.46	31.72 1.39 -4.62	47.19 0.73 -31.18	54.64 1.57 -23.46	50.89 2.71 -3.89	46.39 2.60 -4.18	37.73 2.01 -4.61	45.05 1.93 -13.81	33.44 2.17 0.00	31.32 1.92 0.00	28.42 1.58 -0.72	31.00 1.60 -0.67	31.63 1.77 0.00	35.15 1.89 -1.38	32.47 1.93 -0.12	34.45 1.79 -7.57	32.38 1.90 -4.25	31.91 1.95 -0.52	31.67 1.81 -0.46	31.21 1.61 -1.85	31.37 1.53 0.00	28.60 1.49 0.00
NYPA_HARLEM__RVR_GT2 24161	37.82 1.93 -1.22	39.24 1.24 -15.42	47.75 0.43 -39.46	31.72 1.39 -4.62	47.19 0.73 -31.18	54.64 1.57 -23.46	50.89 2.71 -3.89	46.39 2.60 -4.18	37.73 2.01 -4.61	45.05 1.93 -13.81	33.44 2.17 0.00	31.32 1.92 0.00	28.42 1.58 -0.72	31.00 1.60 -0.67	31.63 1.77 0.00	35.15 1.89 -1.38	32.47 1.93 -0.12	34.45 1.79 -7.57	32.38 1.90 -4.25	31.91 1.95 -0.52	31.67 1.81 -0.46	31.21 1.61 -1.85	31.37 1.53 0.00	28.60 1.49 0.00

NYPA_KENT____GT 24152	37.97 2.08 -1.22	39.33 1.32 -15.42	47.78 0.45 -39.46	31.78 1.45 -4.62	47.28 0.81 -31.18	54.73 1.66 -23.46	50.98 2.80 -3.89	46.57 2.77 -4.18	37.88 2.16 -4.62	45.22 2.10 -13.81	33.61 2.34 0.00	31.50 2.10 0.00	28.58 1.73 -0.72	31.25 1.83 -0.67	31.84 1.97 0.00	35.41 2.15 -1.38	32.73 2.19 -0.12	34.57 1.92 -7.57	32.49 2.01 -4.25	32.04 2.08 -0.52	31.81 1.94 -0.46	31.32 1.73 -1.85	31.47 1.63 0.00	28.65 1.54 0.00
NYPA_POUCH1____GT 24155	37.94 2.05 -1.22	39.31 1.30 -15.42	47.76 0.43 -39.46	31.72 1.39 -4.62	47.24 0.77 -31.18	54.58 1.52 -23.46	50.85 2.67 -3.89	46.47 2.68 -4.18	37.81 2.09 -4.62	45.15 2.02 -13.81	33.54 2.27 0.00	31.43 2.03 0.00	28.50 1.65 -0.72	31.16 1.75 -0.67	31.75 1.89 0.00	35.34 2.07 -1.38	32.67 2.13 -0.12	34.58 1.93 -7.57	32.50 2.02 -4.25	32.05 2.09 -0.52	31.82 1.96 -0.46	31.31 1.71 -1.85	31.45 1.61 0.00	28.64 1.53 0.00
NYPA_VERNON____GT2 24162	37.96 2.07 -1.22	39.32 1.32 -15.42	47.78 0.45 -39.46	31.79 1.46 -4.62	47.29 0.82 -31.18	54.76 1.69 -23.46	51.03 2.85 -3.89	46.59 2.79 -4.18	37.90 2.19 -4.62	45.23 2.10 -13.81	33.60 2.33 0.00	31.49 2.09 0.00	28.57 1.73 -0.72	31.23 1.82 -0.67	31.83 1.97 0.00	35.40 2.14 -1.38	32.70 2.17 -0.12	34.53 1.88 -7.57	32.45 1.96 -4.25	32.00 2.03 -0.52	31.76 1.89 -0.46	31.28 1.68 -1.85	31.44 1.59 0.00	28.62 1.50 0.00
NYPA_VERNON____GT3 24163	37.96 2.07 -1.22	39.32 1.32 -15.42	47.78 0.45 -39.46	31.79 1.46 -4.62	47.29 0.82 -31.18	54.76 1.69 -23.46	51.03 2.85 -3.89	46.59 2.79 -4.18	37.90 2.19 -4.62	45.23 2.10 -13.81	33.60 2.33 0.00	31.49 2.09 0.00	28.57 1.73 -0.72	31.23 1.82 -0.67	31.83 1.97 0.00	35.40 2.14 -1.38	32.70 2.17 -0.12	34.53 1.88 -7.57	32.45 1.96 -4.25	32.00 2.03 -0.52	31.76 1.89 -0.46	31.28 1.68 -1.85	31.44 1.59 0.00	28.62 1.50 0.00
NYPA____ASTORIA_CC1 323568	37.91 2.02 -1.22	39.29 1.29 -15.42	47.77 0.44 -39.46	31.76 1.43 -4.62	47.26 0.79 -31.18	54.72 1.65 -23.46	50.97 2.79 -3.89	46.54 2.74 -4.18	37.86 2.15 -4.62	45.19 2.06 -13.81	33.55 2.28 0.00	31.44 2.04 0.00	28.54 1.69 -0.72	31.19 1.78 -0.67	31.78 1.92 0.00	35.34 2.08 -1.38	32.64 2.11 -0.12	34.46 1.81 -7.57	32.39 1.90 -4.25	31.94 1.97 -0.52	31.70 1.84 -0.46	31.22 1.63 -1.85	31.37 1.53 0.00	28.57 1.46 0.00
NYPA____ASTORIA_CC2 323569	37.91 2.02 -1.22	39.29 1.29 -15.42	47.77 0.44 -39.46	31.76 1.43 -4.62	47.26 0.79 -31.18	54.72 1.65 -23.46	50.97 2.79 -3.89	46.54 2.74 -4.18	37.86 2.15 -4.62	45.19 2.06 -13.81	33.55 2.28 0.00	31.44 2.04 0.00	28.54 1.69 -0.72	31.19 1.78 -0.67	31.78 1.92 0.00	35.34 2.08 -1.38	32.64 2.11 -0.12	34.46 1.81 -7.57	32.39 1.90 -4.25	31.94 1.97 -0.52	31.70 1.84 -0.46	31.22 1.63 -1.85	31.37 1.53 0.00	28.57 1.46 0.00
NYPA____HOLTSVILL 23794	92.01 3.31 -54.03	54.06 2.15 -29.32	64.53 0.72 -55.94	32.65 2.32 -4.62	86.62 1.42 -69.92	84.45 2.87 -51.98	106.05 4.59 -57.17	133.69 4.24 -89.83	81.19 3.24 -46.85	45.96 2.90 -13.74	34.12 2.86 0.00	31.74 2.34 0.00	28.96 2.12 -0.72	31.42 2.45 -0.23	32.41 2.54 0.00	39.67 3.10 -4.69	36.04 3.13 -2.49	41.56 2.62 -13.85	36.01 2.86 -6.91	32.97 3.01 -0.52	32.72 2.86 -0.46	33.46 2.65 -3.06	50.35 2.74 -17.76	30.28 2.48 -0.69
NYPA____HELLGATE_GT1 24158	37.79 1.90 -1.22	39.22 1.21 -15.42	47.75 0.42 -39.46	31.71 1.38 -4.62	47.18 0.71 -31.18	54.61 1.54 -23.46	50.86 2.68 -3.89	46.37 2.57 -4.18	37.71 1.99 -4.61	45.03 1.90 -13.81	33.42 2.16 0.00	31.30 1.90 0.00	28.42 1.57 -0.72	30.98 1.57 -0.67	31.62 1.75 0.00	35.13 1.87 -1.38	32.46 1.92 -0.12	34.44 1.79 -7.57	32.37 1.88 -4.25	31.90 1.94 -0.52	31.66 1.79 -0.46	31.19 1.60 -1.85	31.36 1.52 0.00	28.59 1.48 0.00
NYPA____HELLGATE_GT2 24159	37.79 1.90 -1.22	39.22 1.21 -15.42	47.75 0.42 -39.46	31.71 1.38 -4.62	47.18 0.71 -31.18	54.61 1.54 -23.46	50.86 2.68 -3.89	46.37 2.57 -4.18	37.71 1.99 -4.61	45.03 1.90 -13.81	33.42 2.16 0.00	31.30 1.90 0.00	28.42 1.57 -0.72	30.98 1.57 -0.67	31.62 1.75 0.00	35.13 1.87 -1.38	32.46 1.92 -0.12	34.44 1.79 -7.57	32.37 1.88 -4.25	31.90 1.94 -0.52	31.66 1.79 -0.46	31.19 1.60 -1.85	31.36 1.52 0.00	28.59 1.48 0.00
NYS_BARGE____HYD 23848	33.18 -1.77 -0.28	24.81 -1.29 -3.51	16.36 -0.48 -8.98	25.07 -1.69 -1.05	21.34 -1.03 -7.09	33.03 -1.91 -5.34	41.92 -3.25 -0.89	37.45 -3.12 -0.96	29.68 -2.49 -1.06	27.15 -2.17 0.00	28.86 -2.41 0.00	27.38 -2.02 0.00	24.44 -1.69 0.00	26.70 -2.04 0.00	27.62 -2.25 0.00	29.56 -2.32 0.00	28.06 -2.38 -0.03	24.73 -2.06 -1.71	24.87 -2.34 -0.97	26.98 -2.59 -0.12	27.10 -2.41 -0.11	26.03 -2.13 -0.42	28.18 -1.67 0.00	25.91 -1.20 0.00
OAK ORCHARD____HYD 24046	33.91 -1.02 -0.25	25.05 -0.72 -3.19	15.76 -0.27 -8.16	25.65 -1.01 -0.96	21.13 -0.60 -6.45	33.42 -1.03 -4.85	43.33 -1.76 -0.81	38.89 -1.59 -0.87	30.75 -1.32 -0.97	28.11 -1.21 0.00	29.91 -1.35 0.00	28.26 -1.14 0.00	25.17 -0.95 0.00	27.56 -1.18 0.00	28.58 -1.29 0.00	30.65 -1.23 0.00	29.22 -1.22 -0.03	25.64 -1.01 -1.57	25.93 -1.19 -0.88	28.24 -1.32 -0.11	28.30 -1.20 -0.10	27.06 -1.07 -0.38	28.99 -0.86 0.00	26.46 -0.65 0.00
OAKDALE__35_KV_LOAD 356122	35.28 0.14 -0.47	28.61 0.06 -5.97	23.16 0.01 -15.28	27.48 -0.02 -1.79	27.36 0.00 -12.07	38.72 0.04 -9.08	45.88 0.09 -1.51	41.36 0.13 -1.62	32.88 -0.02 -1.80	29.27 -0.05 0.00	31.22 -0.04 0.00	29.44 0.04 0.00	26.12 0.00 0.00	28.68 -0.06 0.00	29.84 -0.03 0.00	31.92 0.04 0.00	30.47 0.01 -0.05	28.10 0.07 -2.94	27.82 -0.07 -1.65	29.58 -0.06 -0.20	29.56 -0.02 -0.18	28.42 -0.04 -0.72	29.79 -0.05 0.00	27.15 0.03 0.00
OCC_CHEM____DRP 24175	32.17 -2.78 -0.28	24.24 -1.90 -3.55	16.27 -0.69 -9.09	24.37 -2.40 -1.07	20.99 -1.47 -7.19	32.30 -2.71 -5.41	40.62 -4.56 -0.90	36.35 -4.23 -0.97	28.86 -3.32 -1.08	26.37 -2.94 0.00	28.06 -3.20 0.00	26.64 -2.75 0.00	23.80 -2.32 0.00	25.98 -2.76 0.00	26.88 -2.99 0.00	28.72 -3.16 0.00	27.23 -3.21 -0.03	24.01 -2.80 -1.73	24.14 -3.08 -0.98	26.15 -3.42 -0.12	26.28 -3.23 -0.11	25.30 -2.87 -0.43	27.44 -2.41 0.00	25.24 -1.87 0.00
OH_GEN_PROXY 24063	32.69 -2.26 -0.28	24.57 -1.55 -3.53	16.32 -0.56 -9.02	24.75 -2.02 -1.06	21.20 -1.21 -7.13	32.72 -2.24 -5.36	41.33 -3.85 -0.89	36.97 -3.61 -0.96	29.32 -2.85 -1.07	26.81 -2.51 0.00	28.56 -2.71 0.00	27.09 -2.31 0.00	24.20 -1.93 0.00	42.89 -2.31 -16.45	27.37 -2.49 0.00	45.94 -2.63 -16.69	46.08 -2.71 -18.38	24.46 -2.34 -1.72	24.57 -2.64 -0.97	26.65 -2.92 -0.12	26.79 -2.71 -0.11	25.77 -2.40 -0.42	27.89 -1.95 0.00	36.25 -1.51 -10.65
OLIN_CORP_DRP 24177	32.74 -2.22 -0.28	24.57 -1.59 -3.57	16.41 -0.59 -9.14	24.75 -2.03 -1.07	21.26 -1.24 -7.22	32.69 -2.35 -5.43	41.26 -3.93 -0.90	36.82 -3.77 -0.97	29.21 -2.98 -1.08	26.69 -2.63 0.00	28.38 -2.88 0.00	26.94 -2.46 0.00	24.06 -2.07 0.00	26.27 -2.47 0.00	27.19 -2.68 0.00	29.06 -2.82 0.00	27.56 -2.88 -0.03	24.32 -2.50 -1.74	24.43 -2.79 -0.99	26.49 -3.08 -0.12	26.62 -2.89 -0.11	25.60 -2.57 -0.43	27.72 -2.12 0.00	25.55 -1.56 0.00

OLIN_CORP_DSASP 323712	32.15 -2.81 -0.28	24.24 -1.90 -3.55	16.27 -0.69 -9.09	24.37 -2.41 -1.07	20.99 -1.48 -7.19	32.28 -2.72 -5.41	40.62 -4.57 -0.90	36.32 -4.26 -0.97	28.85 -3.33 -1.08	26.38 -2.94 0.00	28.06 -3.21 0.00	26.64 -2.76 0.00	23.80 -2.32 0.00	25.99 -2.75 0.00	26.88 -2.99 0.00	28.72 -3.16 0.00	27.24 -3.20 -0.03	24.02 -2.79 -1.73	24.15 -3.07 -0.98	26.14 -3.42 -0.12	26.29 -3.22 -0.11	25.30 -2.87 -0.43	27.46 -2.38 0.00	25.24 -1.87 0.00
ONEIDA_HERK_LFGE 323681	34.81 0.07 -0.07	23.46 -0.01 -0.89	10.13 -0.01 -2.27	25.94 -0.03 -0.27	17.06 -0.01 -1.79	31.10 0.14 -1.35	45.02 0.51 -0.22	40.45 0.60 -0.23	32.01 0.67 -0.23	29.71 0.39 0.00	31.67 0.40 0.00	30.34 0.23 -0.72	26.69 0.17 -0.40	28.87 0.12 0.00	29.97 0.11 0.00	32.16 0.28 0.00	30.65 0.23 -0.01	26.30 0.11 -1.10	27.62 0.08 -1.30	30.63 0.06 -1.12	30.57 0.05 -1.12	28.89 -0.02 -1.17	30.83 -0.11 -1.10	28.04 -0.10 -1.04
ONEIDA___115KV_TB4 55905	35.55 0.75 -0.13	24.67 0.47 -1.60	12.13 0.16 -4.10	26.69 0.50 -0.48	18.83 0.31 -3.24	32.77 0.73 -2.44	45.98 1.29 -0.40	41.35 1.32 -0.41	32.57 1.06 -0.41	30.12 0.80 0.00	32.01 0.75 0.00	30.00 0.60 0.00	26.62 0.49 0.00	29.23 0.49 0.00	30.43 0.56 0.00	32.62 0.74 0.00	31.17 0.75 -0.01	26.52 0.64 -0.79	27.30 0.61 -0.45	30.16 0.66 -0.05	30.11 0.66 -0.05	28.52 0.57 -0.20	30.38 0.53 0.00	27.60 0.49 0.00
ONONDAGA_REF_OCCRA 23987	34.79 -0.11 -0.23	25.41 -0.10 -2.93	15.31 -0.04 -7.49	26.39 -0.20 -0.88	21.08 -0.11 -5.91	33.89 -0.16 -4.45	44.81 -0.22 -0.74	40.26 -0.16 -0.81	31.81 -0.20 -0.90	29.08 -0.24 0.00	30.95 -0.31 0.00	29.13 -0.27 0.00	25.88 -0.25 0.00	28.43 -0.31 0.00	29.59 -0.28 0.00	31.70 -0.18 0.00	30.29 -0.15 -0.02	26.48 -0.05 -1.46	26.91 -0.14 -0.81	29.42 -0.12 -0.10	29.42 -0.07 -0.09	28.00 -0.10 -0.36	29.72 -0.12 0.00	27.03 -0.07 0.00
ONONDAGA___COGEN 23986	34.71 -0.19 -0.22	25.27 -0.14 -2.83	15.05 -0.05 -7.24	26.32 -0.23 -0.85	20.87 -0.14 -5.72	33.69 -0.22 -4.30	44.68 -0.32 -0.71	40.17 -0.20 -0.75	31.73 -0.22 -0.85	29.06 -0.26 0.00	30.95 -0.32 0.00	29.12 -0.27 0.00	25.88 -0.25 0.00	28.44 -0.30 0.00	29.61 -0.25 0.00	31.69 -0.19 0.00	30.27 -0.16 -0.02	26.38 -0.07 -1.37	26.86 -0.15 -0.76	29.42 -0.12 -0.09	29.44 -0.05 -0.08	27.99 -0.09 -0.33	29.73 -0.12 0.00	27.03 -0.08 0.00
ONTARIO___LFGE 23819	34.70 -0.25 -0.27	25.83 -0.20 -3.45	16.61 -0.08 -8.82	26.39 -0.35 -1.03	22.09 -0.16 -6.97	34.68 -0.17 -5.25	44.76 -0.40 -0.87	40.24 -0.31 -0.94	31.83 -0.32 -1.05	28.83 -0.48 0.00	30.63 -0.63 0.00	28.89 -0.51 0.00	25.67 -0.46 0.00	28.18 -0.56 0.00	29.36 -0.50 0.00	31.61 -0.27 0.00	30.16 -0.28 -0.03	26.63 -0.17 -1.72	26.84 -0.36 -0.95	29.17 -0.39 -0.12	29.18 -0.33 -0.10	27.76 -0.40 -0.42	29.45 -0.39 0.00	26.82 -0.29 0.00
ORANGEVILLE_WT_PWR 323706	33.13 -1.86 -0.32	25.32 -1.27 -4.00	17.64 -0.47 -10.24	25.22 -1.69 -1.20	22.39 -0.99 -8.09	33.90 -1.80 -6.09	42.33 -2.97 -1.01	37.90 -2.80 -1.09	29.88 -2.43 -1.21	27.16 -2.16 0.00	29.02 -2.25 0.00	27.52 -1.87 0.00	24.45 -1.68 0.00	26.69 -2.05 0.00	27.79 -2.08 0.00	29.77 -2.11 0.00	28.08 -2.37 -0.03	24.87 -2.11 -1.90	24.91 -2.44 -1.11	26.92 -2.66 -0.13	27.02 -2.50 -0.12	25.87 -2.36 -0.48	27.73 -2.12 0.00	25.43 -1.68 0.00
ORANGEVILLE___ESR 323794	33.13 -1.86 -0.32	25.32 -1.27 -4.00	17.64 -0.47 -10.24	25.22 -1.69 -1.20	22.39 -0.99 -8.09	33.90 -1.80 -6.09	42.33 -2.97 -1.01	37.90 -2.80 -1.09	29.88 -2.43 -1.21	27.16 -2.16 0.00	29.02 -2.25 0.00	27.52 -1.87 0.00	24.45 -1.68 0.00	26.69 -2.05 0.00	27.79 -2.08 0.00	29.77 -2.11 0.00	28.08 -2.37 -0.03	24.87 -2.11 -1.90	24.91 -2.44 -1.11	26.92 -2.66 -0.13	27.02 -2.50 -0.12	25.87 -2.36 -0.48	27.73 -2.12 0.00	25.43 -1.68 0.00
OSWEGATCHIE___HYD 24044	33.73 -1.00 -0.06	22.57 -0.72 -0.70	9.41 -0.26 -1.79	25.09 -0.82 -0.21	16.18 -0.52 -1.42	29.83 -0.84 -1.07	43.36 -1.10 -0.18	38.99 -0.82 -0.19	31.08 -0.23 -0.20	28.91 -0.41 0.00	30.80 -0.46 0.00	32.03 -0.54 -3.17	27.38 -0.50 -1.76	28.13 -0.61 0.00	29.11 -0.76 0.00	31.21 -0.67 0.00	29.58 -0.84 -0.01	27.47 -0.95 -3.34	30.33 -1.01 -5.10	33.51 -1.13 -5.19	33.49 -1.14 -5.23	31.68 -1.15 -5.09	33.77 -1.29 -5.22	30.83 -1.21 -4.93
OSWEGO___5 23606	34.04 -0.81 -0.18	24.33 -0.54 -2.28	13.52 -0.19 -5.84	25.72 -0.67 -0.68	19.50 -0.40 -4.62	32.31 -0.76 -3.47	43.68 -1.18 -0.58	39.25 -1.00 -0.63	31.02 -0.80 -0.72	28.53 -0.79 0.00	30.39 -0.87 0.00	28.60 -0.80 0.00	25.42 -0.71 0.00	27.93 -0.81 0.00	29.05 -0.82 0.00	31.06 -0.81 0.00	29.68 -0.76 -0.02	25.66 -0.59 -1.17	26.22 -0.67 -0.65	28.82 -0.70 -0.08	28.84 -0.63 -0.07	27.41 -0.61 -0.28	29.19 -0.65 0.00	26.56 -0.55 0.00
OSWEGO___6 23613	34.04 -0.81 -0.18	24.33 -0.54 -2.28	13.52 -0.19 -5.84	25.72 -0.67 -0.68	19.50 -0.40 -4.62	32.31 -0.76 -3.47	43.68 -1.18 -0.58	39.25 -1.00 -0.63	31.02 -0.80 -0.72	28.53 -0.79 0.00	30.39 -0.87 0.00	28.60 -0.80 0.00	25.42 -0.71 0.00	27.93 -0.81 0.00	29.05 -0.82 0.00	31.06 -0.81 0.00	29.68 -0.76 -0.02	25.66 -0.59 -1.17	26.22 -0.67 -0.65	28.82 -0.70 -0.08	28.84 -0.63 -0.07	27.41 -0.61 -0.28	29.19 -0.65 0.00	26.56 -0.55 0.00
OUTOKUMPU-AB___DRP 24206	33.31 -1.65 -0.28	24.98 -1.20 -3.59	16.60 -0.45 -9.18	25.18 -1.60 -1.08	21.56 -0.98 -7.25	33.30 -1.76 -5.46	42.17 -3.03 -0.91	37.72 -2.87 -0.98	29.88 -2.31 -1.09	27.33 -1.99 0.00	29.07 -2.19 0.00	27.61 -1.79 0.00	24.62 -1.51 0.00	26.90 -1.84 0.00	27.82 -2.04 0.00	29.74 -2.14 0.00	28.21 -2.23 -0.03	24.89 -1.93 -1.75	25.02 -2.22 -0.99	27.14 -2.43 -0.12	27.26 -2.25 -0.11	26.18 -2.00 -0.43	28.31 -1.54 0.00	26.01 -1.11 0.00
OXBOW___ 24026	32.83 -2.13 -0.28	24.68 -1.48 -3.57	16.46 -0.55 -9.14	24.84 -1.94 -1.07	21.32 -1.18 -7.22	32.88 -2.16 -5.43	41.53 -3.66 -0.90	37.13 -3.46 -0.97	29.46 -2.72 -1.08	26.95 -2.37 0.00	28.66 -2.60 0.00	27.21 -2.19 0.00	24.30 -1.83 0.00	26.53 -2.21 0.00	27.45 -2.42 0.00	29.32 -2.56 0.00	27.83 -2.62 -0.03	24.55 -2.27 -1.74	24.67 -2.55 -0.99	26.74 -2.83 -0.12	26.86 -2.65 -0.11	25.83 -2.35 -0.43	27.99 -1.86 0.00	25.71 -1.40 0.00
OXY_CHEM_DSASP 323612	32.17 -2.78 -0.28	24.24 -1.90 -3.55	16.27 -0.69 -9.09	24.37 -2.40 -1.07	20.99 -1.47 -7.19	32.30 -2.71 -5.41	40.62 -4.56 -0.90	36.35 -4.23 -0.97	28.86 -3.32 -1.08	26.37 -2.94 0.00	28.06 -3.20 0.00	26.64 -2.75 0.00	23.80 -2.32 0.00	25.98 -2.76 0.00	26.88 -2.99 0.00	28.72 -3.16 0.00	27.23 -3.21 -0.03	24.01 -2.80 -1.73	24.14 -3.08 -0.98	26.15 -3.42 -0.12	26.28 -3.23 -0.11	25.30 -2.87 -0.43	27.44 -2.41 0.00	25.24 -1.87 0.00
OZONE_PARK_ESR 323760	38.21 2.32 -1.22	39.49 1.48 -15.42	47.84 0.51 -39.46	31.97 1.65 -4.62	47.41 0.94 -31.18	54.98 1.92 -23.46	51.41 3.23 -3.89	46.92 3.12 -4.18	38.16 2.44 -4.62	45.47 2.31 -13.84	33.81 2.54 0.00	31.69 2.29 0.00	28.73 1.89 -0.72	31.44 2.03 -0.67	32.04 2.17 0.00	35.64 2.38 -1.39	32.96 2.43 -0.12	34.76 2.11 -7.57	32.68 2.20 -4.25	32.26 2.30 -0.52	32.01 2.15 -0.46	31.53 1.94 -1.85	31.70 1.85 0.00	28.83 1.72 0.00

PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	32.17 -2.78 -0.28	24.24 -1.90 -3.55	16.27 -0.69 -9.09	24.37 -2.40 -1.07	20.99 -1.47 -7.19	32.30 -2.71 -5.41	40.62 -4.56 -0.90	36.35 -4.23 -0.97	28.86 -3.32 -1.08	26.37 -2.94 0.00	28.06 -3.20 0.00	26.64 -2.75 0.00	23.80 -2.32 0.00	25.98 -2.76 0.00	26.88 -2.99 0.00	28.72 -3.16 0.00	27.23 -3.21 -0.03	24.01 -2.80 -1.73	24.14 -3.08 -0.98	26.15 -3.42 -0.12	26.28 -3.23 -0.11	25.30 -2.87 -0.43	27.44 -2.41 0.00	25.24 -1.87 0.00
PACKARD__115KV_DUPONT_184 80571	32.17 -2.78 -0.28	24.24 -1.90 -3.55	16.27 -0.69 -9.09	24.37 -2.40 -1.07	20.99 -1.47 -7.19	32.30 -2.71 -5.41	40.62 -4.56 -0.90	36.35 -4.23 -0.97	28.86 -3.32 -1.08	26.37 -2.94 0.00	28.06 -3.20 0.00	26.64 -2.75 0.00	23.80 -2.32 0.00	25.98 -2.76 0.00	26.88 -2.99 0.00	28.72 -3.16 0.00	27.23 -3.21 -0.03	24.01 -2.80 -1.73	24.14 -3.08 -0.98	26.15 -3.42 -0.12	26.28 -3.23 -0.11	25.30 -2.87 -0.43	27.44 -2.41 0.00	25.24 -1.87 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	37.88 1.99 -1.22	39.28 1.28 -15.42	47.77 0.44 -39.46	31.75 1.43 -4.62	47.24 0.78 -31.18	54.72 1.65 -23.46	50.96 2.78 -3.89	46.51 2.72 -4.18	37.83 2.11 -4.62	45.15 2.02 -13.81	33.49 2.23 0.00	31.37 1.97 0.00	28.46 1.61 -0.72	31.09 1.67 -0.67	31.70 1.84 0.00	35.24 1.98 -1.38	32.56 2.02 -0.12	34.48 1.83 -7.57	32.40 1.92 -4.25	31.94 1.98 -0.52	31.71 1.84 -0.46	31.24 1.64 -1.85	31.41 1.56 0.00	28.62 1.50 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	38.05 2.16 -1.22	39.40 1.39 -15.42	47.81 0.48 -39.46	31.89 1.56 -4.62	47.32 0.86 -31.18	54.89 1.83 -23.46	51.25 3.07 -3.89	46.81 3.01 -4.18	38.08 2.36 -4.62	45.38 2.26 -13.81	33.79 2.52 0.00	31.60 2.20 0.00	28.66 1.81 -0.72	31.30 1.89 -0.67	31.92 2.05 0.00	35.49 2.23 -1.38	32.80 2.27 -0.12	34.72 2.07 -7.57	32.66 2.18 -4.25	32.21 2.25 -0.52	31.96 2.09 -0.46	31.46 1.87 -1.85	31.65 1.81 0.00	28.81 1.70 0.00
PATROON__115KV_TB1 80586	37.65 1.45 -1.53	42.88 0.94 -19.35	57.71 0.32 -49.53	32.54 1.03 -5.80	55.04 0.61 -39.14	60.25 1.20 -29.45	51.00 1.83 -4.88	46.36 1.49 -5.25	38.15 1.26 -5.79	33.51 1.08 -3.11	32.47 1.20 0.00	30.45 1.05 0.00	27.19 0.90 -0.16	29.98 1.08 -0.15	31.11 1.24 0.00	33.50 1.31 -0.31	31.87 1.30 -0.16	35.65 1.06 -9.50	32.71 1.15 -5.33	31.30 1.21 -0.65	31.05 1.07 -0.58	31.11 1.05 -2.32	30.78 0.94 0.00	28.06 0.95 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	34.47 -0.50 -0.30	25.87 -0.47 -3.74	17.26 -0.19 -9.58	26.05 -0.78 -1.12	22.40 -0.45 -7.57	34.47 -0.83 -5.70	43.67 -1.56 -0.95	39.17 -1.46 -1.02	30.95 -1.28 -1.13	28.30 -1.02 0.00	30.19 -1.08 0.00	28.64 -0.75 0.00	25.55 -0.58 0.00	27.89 -0.85 0.00	28.92 -0.95 0.00	30.90 -0.98 0.00	29.31 -1.13 -0.03	25.87 -1.03 -1.82	25.89 -1.38 -1.03	28.15 -1.42 -0.13	28.31 -1.21 -0.11	27.14 -1.05 -0.45	29.25 -0.59 0.00	26.82 -0.29 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	38.25 2.34 -1.23	39.71 1.49 -15.63	48.39 0.51 -40.01	32.04 1.65 -4.69	47.87 0.97 -31.62	55.40 2.01 -23.79	51.57 3.34 -3.95	47.00 3.15 -4.24	38.18 2.39 -4.68	35.85 2.20 -4.33	33.61 2.34 0.00	31.46 2.07 0.00	28.08 1.72 -0.23	30.83 1.88 -0.21	31.89 2.02 0.00	34.54 2.23 -0.43	32.83 2.29 -0.13	34.78 2.02 -7.68	32.65 2.11 -4.30	32.21 2.24 -0.52	31.99 2.11 -0.47	31.55 1.93 -1.88	31.69 1.85 0.00	28.83 1.72 0.00
PEEKSKILL____ 23653	37.63 1.75 -1.20	38.97 1.12 -15.26	47.32 0.39 -39.07	31.53 1.25 -4.58	46.87 0.72 -30.87	54.32 1.49 -23.23	50.64 2.51 -3.85	46.12 2.37 -4.14	37.48 1.81 -4.57	47.36 1.68 -16.36	33.10 1.84 0.00	31.03 1.63 0.00	28.30 1.32 -0.85	30.97 1.43 -0.79	31.40 1.54 0.00	35.21 1.69 -1.64	32.29 1.75 -0.12	34.16 1.58 -7.49	32.08 1.64 -4.20	31.64 1.69 -0.51	31.44 1.58 -0.46	31.00 1.43 -1.83	31.20 1.35 0.00	28.40 1.29 0.00
PGE MADISON__WINDPWR 24146	37.67 2.55 -0.45	29.86 1.60 -5.67	22.92 0.54 -14.51	29.20 1.79 -1.70	27.86 1.11 -11.47	40.55 2.32 -8.63	49.72 4.00 -1.43	45.03 3.87 -1.54	35.69 2.88 -1.71	31.69 2.37 0.00	33.36 2.10 0.00	31.32 1.92 0.00	27.70 1.57 0.00	30.38 1.64 0.00	31.72 1.85 0.00	34.01 2.13 0.00	32.46 2.00 -0.05	29.60 1.71 -2.80	29.48 1.67 -1.57	31.49 1.85 -0.19	31.22 1.65 -0.17	29.76 1.33 -0.68	31.08 1.23 0.00	28.16 1.05 0.00
PIERCEFIELD__HYD 23852	34.42 -0.29 -0.03	22.78 -0.19 -0.38	8.78 -0.07 -0.98	25.62 -0.20 -0.12	15.88 -0.18 -0.78	29.89 -0.30 -0.59	43.73 -0.66 -0.10	39.23 -0.48 -0.11	31.14 -0.07 -0.11	29.26 -0.06 0.00	31.12 -0.15 0.00	33.87 -0.07 -4.55	28.60 -0.05 -2.52	28.73 -0.02 0.00	29.76 -0.11 0.00	31.74 -0.14 0.00	29.94 -0.48 0.00	28.88 -0.69 -4.49	32.81 -0.68 -7.25	36.29 -0.76 -7.60	36.31 -0.75 -7.66	34.39 -0.74 -7.38	36.73 -0.76 -7.66	33.60 -0.74 -7.23
PINELAWN_CC_I 323563	89.68 3.07 -51.94	54.13 2.00 -29.55	64.71 0.67 -56.17	32.49 2.16 -4.62	86.68 1.31 -70.09	87.67 2.65 -55.42	106.76 4.00 -58.47	129.72 3.65 -86.45	79.07 2.79 -45.18	45.53 2.47 -13.74	33.71 2.44 0.00	31.40 2.00 0.00	28.57 1.73 -0.72	31.32 1.91 -0.67	31.84 1.98 0.00	39.30 2.45 -4.98	35.65 2.49 -2.74	41.49 2.15 -14.27	35.76 2.39 -7.13	32.45 2.49 -0.52	32.23 2.36 -0.46	33.18 2.24 -3.19	49.41 2.51 -17.05	30.34 2.28 -0.95
PJM_GEN_HTP_PROXY 323702	37.84 1.95 -1.22	39.26 1.25 -15.41	47.76 0.44 -39.46	31.72 1.39 -4.62	47.26 0.80 -31.18	54.69 1.62 -23.46	41.07 2.76 5.98	46.46 2.66 -4.18	37.79 2.07 -4.61	45.15 1.97 -13.86	33.46 2.19 0.00	31.37 1.97 0.00	28.44 1.59 -0.72	31.13 1.71 -0.67	31.70 1.84 0.00	35.28 2.01 -1.39	32.60 2.07 -0.12	34.45 1.80 -7.57	32.36 1.88 -4.24	31.90 1.94 -0.52	31.66 1.80 -0.46	31.20 1.61 -1.85	31.36 1.51 0.00	28.55 1.45 0.00
PJM_GEN_KEystone 24065	35.66 0.20 -0.78	32.60 0.10 -9.91	33.26 0.03 -25.37	28.71 0.03 -2.97	35.34 0.01 -20.05	44.73 0.04 -15.08	36.94 0.02 7.37	42.33 0.03 -2.69	33.97 -0.11 -2.97	5.00 -0.05 24.26	31.32 0.05 0.00	29.56 0.16 0.00	24.95 0.09 1.26	27.55 -0.01 1.18	29.86 -0.01 0.00	29.46 0.01 2.43	27.79 -0.01 2.61	31.15 0.07 -5.99	28.89 -0.08 -2.73	29.63 -0.15 -0.33	29.60 -0.10 -0.30	28.87 -0.07 -1.19	29.87 0.03 0.00	27.28 0.17 0.00
PJM_GEN_NEPTUNE_PROXY 323594	47.05 2.53 -9.85	41.52 1.67 -17.25	46.37 0.56 -37.94	32.13 1.81 -4.61	59.10 1.08 -42.73	63.64 2.19 -31.84	57.70 3.55 -9.87	72.77 3.27 -29.88	50.89 2.49 -17.29	45.31 2.25 -13.74	33.55 2.29 0.00	31.31 1.92 0.00	28.54 1.69 -0.71	30.65 2.00 0.09	31.86 1.99 0.00	38.51 2.37 -4.26	35.12 2.38 -2.33	39.62 2.03 -12.51	34.90 2.15 -6.51	32.23 2.27 -0.52	32.02 2.15 -0.46	32.70 1.98 -2.98	37.17 2.00 -5.33	28.76 1.84 0.19
PJM_GEN_VFT_PROXY 323633	37.65 1.76 -1.22	39.13 1.12 -15.42	47.72 0.39 -39.46	31.59 1.26 -4.62	47.18 0.72 -31.18	54.51 1.44 -23.46	40.76 2.45 5.98	46.20 2.40 -4.18	37.58 1.86 -4.62	44.94 1.78 -13.84	33.26 2.00 0.00	31.18 1.78 0.00	28.27 1.42 -0.72	30.94 1.53 -0.67	31.52 1.65 0.00	35.08 1.81 -1.39	32.42 1.88 -0.12	34.32 1.67 -7.57	32.21 1.73 -4.25	31.73 1.76 -0.52	31.49 1.63 -0.46	31.05 1.45 -1.85	31.20 1.36 0.00	28.40 1.29 0.00

PLATSBRG_115KV_PMLD1 355749	34.18 -0.49 0.00	22.33 -0.26 0.00	7.76 -0.11 0.00	25.37 -0.34 0.00	15.07 -0.21 0.00	29.19 -0.42 0.00	43.36 -0.92 0.00	38.72 -0.90 0.00	30.62 -0.48 0.00	28.84 -0.48 0.00	30.83 -0.43 0.00	0.48 -0.75 28.16	9.87 -0.67 15.58	28.42 -0.32 0.00	29.94 0.07 0.00	31.56 -0.32 0.00	30.13 -0.28 0.00	-3.40 -0.81 27.66	-21.12 -0.90 46.46	-21.16 -1.02 49.58	-21.51 -0.94 49.97	-20.97 -0.81 47.91	-20.94 -0.76 50.03	-20.93 -0.78 47.26
PLEASANTVLY___LBMP 24000	37.73 1.79 -1.27	39.85 1.15 -16.11	49.49 0.39 -41.23	31.80 1.26 -4.83	48.60 0.74 -32.58	55.63 1.52 -24.51	50.87 2.52 -4.07	46.35 2.37 -4.37	37.74 1.82 -4.82	36.87 1.70 -5.86	33.09 1.82 0.00	30.99 1.59 0.00	27.75 1.32 -0.30	30.47 1.45 -0.28	31.44 1.57 0.00	34.18 1.71 -0.59	32.28 1.74 -0.13	34.53 1.54 -7.91	32.27 1.60 -4.43	31.66 1.67 -0.54	31.44 1.56 -0.48	31.10 1.43 -1.93	31.19 1.35 0.00	28.41 1.30 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	37.85 1.96 -1.22	39.36 1.26 -15.52	48.01 0.43 -39.72	31.74 1.39 -4.65	47.47 0.80 -31.39	54.86 1.64 -23.62	50.97 2.77 -3.92	46.46 2.63 -4.21	37.77 2.02 -4.65	41.76 1.89 -10.55	33.32 2.05 0.00	31.21 1.82 0.00	28.17 1.50 -0.55	30.89 1.63 -0.51	31.61 1.75 0.00	34.87 1.93 -1.06	32.51 1.97 -0.12	34.44 1.74 -7.62	32.32 1.81 -4.27	31.84 1.88 -0.52	31.63 1.76 -0.47	31.21 1.60 -1.86	31.36 1.52 0.00	28.56 1.45 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	37.85 1.96 -1.22	39.36 1.26 -15.52	48.01 0.43 -39.72	31.74 1.39 -4.65	47.47 0.80 -31.39	54.86 1.64 -23.62	50.97 2.77 -3.92	46.46 2.63 -4.21	37.77 2.02 -4.65	41.76 1.89 -10.55	33.32 2.05 0.00	31.21 1.82 0.00	28.17 1.50 -0.55	30.89 1.63 -0.51	31.61 1.75 0.00	34.87 1.93 -1.06	32.51 1.97 -0.12	34.44 1.74 -7.62	32.32 1.81 -4.27	31.84 1.88 -0.52	31.63 1.76 -0.47	31.21 1.60 -1.86	31.36 1.52 0.00	28.56 1.45 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	38.04 2.11 -1.25	39.81 1.34 -15.88	48.97 0.46 -40.64	31.94 1.48 -4.76	48.27 0.87 -32.12	55.58 1.81 -24.16	51.29 3.00 -4.01	46.74 2.82 -4.31	38.00 2.15 -4.75	33.71 1.97 -2.42	33.31 2.05 0.00	31.19 1.80 0.00	27.74 1.49 -0.13	30.51 1.65 -0.12	31.67 1.80 0.00	34.13 2.01 -0.24	32.59 2.04 -0.13	34.69 1.81 -7.80	32.50 1.88 -4.37	31.98 2.00 -0.53	31.76 1.89 -0.48	31.36 1.71 -1.91	31.48 1.64 0.00	28.65 1.54 0.00
POLETTI____ 23519	37.84 1.95 -1.22	39.25 1.24 -15.42	47.76 0.43 -39.46	31.72 1.39 -4.62	47.25 0.79 -31.18	54.67 1.60 -23.46	50.89 2.71 -3.89	46.43 2.64 -4.18	37.77 2.06 -4.62	45.12 1.97 -13.84	33.44 2.17 0.00	31.33 1.94 0.00	28.42 1.58 -0.72	31.11 1.69 -0.67	31.69 1.82 0.00	35.25 1.98 -1.39	32.58 2.04 -0.12	34.44 1.79 -7.57	32.35 1.86 -4.25	31.89 1.93 -0.52	31.63 1.77 -0.46	31.19 1.59 -1.85	31.33 1.49 0.00	28.53 1.42 0.00
POMONA___ESR 323819	37.45 1.60 -1.17	38.48 1.01 -14.88	46.29 0.35 -38.08	31.32 1.15 -4.46	46.02 0.65 -30.09	53.61 1.37 -22.64	50.36 2.31 -3.76	45.84 2.19 -4.04	37.20 1.64 -4.45	8.72 1.52 22.12	32.96 1.70 0.00	30.91 1.51 0.00	26.18 1.21 1.15	28.96 1.29 1.07	31.26 1.39 0.00	31.20 1.53 2.22	32.13 1.60 -0.12	33.87 1.48 -7.30	31.86 1.53 -4.10	31.51 1.56 -0.50	31.30 1.45 -0.45	30.85 1.32 -1.79	31.09 1.25 0.00	28.31 1.20 0.00
PORT_JEFF_3 23555	92.07 3.40 -54.00	54.11 2.20 -29.32	64.55 0.74 -55.95	32.71 2.39 -4.62	86.66 1.45 -69.92	84.58 2.96 -52.02	106.19 4.71 -57.19	133.76 4.36 -89.79	81.25 3.32 -46.83	46.04 2.97 -13.74	34.19 2.93 0.00	31.81 2.41 0.00	29.02 2.18 -0.72	31.49 2.51 -0.24	32.48 2.61 0.00	39.76 3.19 -4.69	36.13 3.23 -2.50	41.64 2.70 -13.86	36.10 2.94 -6.92	33.07 3.11 -0.52	32.81 2.94 -0.46	33.56 2.76 -3.06	50.45 2.85 -17.75	30.37 2.56 -0.70
PORT_JEFF_4 23616	92.07 3.40 -54.00	54.11 2.20 -29.32	64.55 0.74 -55.95	32.71 2.39 -4.62	86.66 1.45 -69.92	84.58 2.96 -52.02	106.19 4.71 -57.19	133.76 4.36 -89.79	81.25 3.32 -46.83	46.04 2.97 -13.74	34.19 2.93 0.00	31.81 2.41 0.00	29.02 2.18 -0.72	31.49 2.51 -0.24	32.48 2.61 0.00	39.76 3.19 -4.69	36.13 3.23 -2.50	41.64 2.70 -13.86	36.10 2.94 -6.92	33.07 3.11 -0.52	32.81 2.94 -0.46	33.56 2.76 -3.06	50.45 2.85 -17.75	30.37 2.56 -0.70
PORT_JEFF_IC 23713	92.04 3.45 -53.91	54.15 2.23 -29.33	64.57 0.75 -55.95	32.75 2.42 -4.62	86.69 1.47 -69.93	84.75 2.99 -52.16	106.31 4.78 -57.24	133.69 4.43 -89.65	81.23 3.37 -46.76	46.08 3.02 -13.74	34.25 2.98 0.00	31.84 2.45 0.00	29.05 2.21 -0.72	31.54 2.54 -0.26	32.53 2.66 0.00	39.83 3.25 -4.71	36.21 3.29 -2.51	41.71 2.76 -13.88	36.17 3.00 -6.92	33.14 3.17 -0.52	32.88 3.01 -0.46	33.63 2.82 -3.07	50.51 2.94 -17.73	30.45 2.63 -0.71
PPL PILGRIM_ST_GT1 24216	91.72 3.40 -53.65	54.17 2.21 -29.37	64.62 0.74 -56.01	32.72 2.40 -4.62	86.72 1.46 -69.97	85.13 2.87 -52.65	106.33 4.59 -57.45	133.06 4.23 -89.22	80.98 3.33 -46.55	46.06 3.00 -13.74	34.25 2.98 0.00	31.85 2.46 0.00	29.06 2.22 -0.72	31.61 2.56 -0.32	32.51 2.64 0.00	39.81 3.19 -4.74	36.17 3.22 -2.54	41.72 2.71 -13.93	36.12 2.93 -6.95	33.06 3.09 -0.52	32.81 2.94 -0.46	33.57 2.74 -3.09	50.29 2.83 -17.63	30.40 2.54 -0.75
PPL PILGRIM_ST_GT2 24217	91.72 3.40 -53.65	54.17 2.21 -29.37	64.62 0.74 -56.01	32.72 2.40 -4.62	86.72 1.46 -69.97	85.13 2.87 -52.65	106.33 4.59 -57.45	133.06 4.23 -89.22	80.98 3.33 -46.55	46.06 3.00 -13.74	34.25 2.98 0.00	31.85 2.46 0.00	29.06 2.22 -0.72	31.61 2.56 -0.32	32.51 2.64 0.00	39.81 3.19 -4.74	36.17 3.22 -2.54	41.72 2.71 -13.93	36.12 2.93 -6.95	33.06 3.09 -0.52	32.81 2.94 -0.46	33.57 2.74 -3.09	50.29 2.83 -17.63	30.40 2.54 -0.75
PPL_SHRM_GT3 24213	92.28 3.65 -53.96	54.27 2.35 -29.33	64.61 0.79 -55.95	32.88 2.55 -4.62	86.77 1.55 -69.93	84.87 3.18 -52.08	106.56 5.05 -57.22	134.03 4.69 -89.73	81.43 3.53 -46.80	46.21 3.15 -13.74	34.33 3.07 0.00	31.89 2.50 0.00	29.10 2.26 -0.72	31.59 2.60 -0.25	32.62 2.75 0.00	39.97 3.39 -4.70	36.37 3.45 -2.50	41.87 2.93 -13.87	36.33 3.17 -6.92	33.32 3.35 -0.52	33.04 3.18 -0.46	33.75 2.94 -3.07	50.62 3.03 -17.74	30.52 2.71 -0.70
PPL_SHRM_GT4 24214	92.28 3.65 -53.96	54.27 2.35 -29.33	64.61 0.79 -55.95	32.88 2.55 -4.62	86.77 1.55 -69.93	84.87 3.18 -52.08	106.56 5.05 -57.22	134.03 4.69 -89.73	81.43 3.53 -46.80	46.21 3.15 -13.74	34.33 3.07 0.00	31.89 2.50 0.00	29.10 2.26 -0.72	31.59 2.60 -0.25	32.62 2.75 0.00	39.97 3.39 -4.70	36.37 3.45 -2.50	41.87 2.93 -13.87	36.33 3.17 -6.92	33.32 3.35 -0.52	33.04 3.18 -0.46	33.75 2.94 -3.07	50.62 3.03 -17.74	30.52 2.71 -0.70
PROJECT___ORANGE I 24174	34.52 -0.36 -0.21	24.96 -0.26 -2.63	14.51 -0.09 -6.74	26.13 -0.37 -0.79	20.39 -0.21 -5.33	33.23 -0.38 -4.01	44.38 -0.57 -0.66	39.85 -0.49 -0.72	31.48 -0.45 -0.82	28.86 -0.46 0.00	30.75 -0.52 0.00	28.94 -0.46 0.00	25.71 -0.42 0.00	28.26 -0.49 0.00	29.41 -0.45 0.00	31.48 -0.40 0.00	30.08 -0.36 -0.02	26.14 -0.25 -1.30	26.64 -0.33 -0.73	29.20 -0.33 -0.09	29.22 -0.27 -0.08	27.78 -0.28 -0.32	29.54 -0.31 0.00	26.87 -0.24 0.00

PROJECT___ORANGE 2 24166	34.52 -0.36 -0.21	24.96 -0.26 -2.63	14.51 -0.09 -6.74	26.13 -0.37 -0.79	20.39 -0.21 -5.33	33.23 -0.38 -4.01	44.38 -0.57 -0.66	39.85 -0.49 -0.72	31.48 -0.45 -0.82	28.86 -0.46 0.00	30.75 -0.52 0.00	28.94 -0.46 0.00	25.71 -0.42 0.00	28.26 -0.49 0.00	29.41 -0.45 0.00	31.48 -0.40 0.00	30.08 -0.36 -0.02	26.14 -0.25 -1.30	26.64 -0.33 -0.73	29.20 -0.33 -0.09	29.22 -0.27 -0.08	27.78 -0.28 -0.32	29.54 -0.31 0.00	26.87 -0.24 0.00
PUCKETT___SOLAR 323809	35.90 0.74 -0.48	29.08 0.43 -6.06	23.52 0.14 -15.51	27.94 0.42 -1.82	27.80 0.26 -12.26	39.39 0.56 -9.22	46.83 1.01 -1.53	42.35 1.08 -1.65	33.61 0.68 -1.83	29.77 0.45 0.00	31.62 0.35 0.00	29.76 0.36 0.00	26.40 0.27 0.00	29.02 0.28 0.00	30.30 0.43 0.00	32.43 0.55 0.00	30.98 0.52 -0.05	28.53 0.46 -2.99	28.27 0.36 -1.67	30.05 0.40 -0.20	29.93 0.34 -0.18	28.76 0.28 -0.73	30.09 0.25 0.00	27.39 0.28 0.00
PYRITES___HYD 24023	35.10 0.39 -0.03	23.19 0.25 -0.36	8.86 0.08 -0.92	26.11 0.30 -0.11	16.14 0.14 -0.72	30.51 0.36 -0.55	44.80 0.42 -0.09	40.22 0.51 -0.10	31.80 0.60 -0.10	29.92 0.60 0.00	31.84 0.58 -4.05	34.10 0.65 -2.24	28.97 0.60 0.00	29.39 0.65 0.00	30.39 0.52 0.00	32.46 0.58 0.00	30.73 0.32 0.00	29.14 0.04 -4.01	32.79 0.07 -6.47	36.30 0.07 -6.78	36.32 0.09 -6.83	34.38 0.04 -6.59	36.73 0.05 -6.83	33.47 -0.10 -6.45
QUAKERRD_115KV_BK1 80622	33.31 -1.61 -0.25	24.62 -1.09 -3.13	15.48 -0.39 -8.01	25.24 -1.40 -0.94	20.78 -0.83 -6.33	32.88 -1.48 -4.76	42.70 -2.38 -0.79	38.33 -2.13 -0.85	30.31 -1.75 -0.95	27.67 -1.65 0.00	29.46 -1.81 0.00	27.78 -1.61 0.00	24.73 -1.40 0.00	27.11 -1.64 0.00	28.17 -1.69 0.00	30.22 -1.67 0.00	28.83 -1.61 -0.03	25.29 -1.33 -1.54	25.58 -1.52 -0.86	27.87 -1.68 -0.10	27.91 -1.58 -0.09	26.64 -1.48 -0.37	28.45 -1.40 0.00	25.95 -1.16 0.00
QUENSBRY_115KV_TB8 356137	37.97 1.74 -1.56	43.39 1.06 -19.74	58.73 0.34 -50.53	32.70 1.08 -5.92	55.91 0.70 -39.93	61.28 1.64 -30.04	51.96 2.69 -4.98	47.27 2.30 -5.36	38.75 1.74 -5.91	33.77 1.45 -3.00	32.77 1.51 0.00	30.62 1.22 0.00	27.34 1.05 -0.16	30.23 1.34 -0.15	31.53 1.67 0.00	33.91 1.72 -0.30	32.41 1.84 -0.16	36.35 1.58 -9.69	33.30 1.62 -5.43	31.80 1.70 -0.66	31.49 1.50 -0.59	31.53 1.42 -2.37	31.14 1.30 0.00	28.47 1.36 0.00
RAMAPO___LBMP 323565	37.37 1.52 -1.17	38.39 0.97 -14.83	46.15 0.33 -37.95	31.25 1.10 -4.45	45.89 0.62 -29.99	53.48 1.31 -22.57	50.25 2.22 -3.74	45.72 2.09 -4.02	37.11 1.57 -4.44	9.35 1.45 21.42	32.86 1.59 0.00	30.81 1.42 0.00	26.14 1.13 1.12	28.91 1.21 1.04	31.17 1.30 0.00	31.17 1.44 2.15	32.04 1.51 -0.12	33.77 1.41 -7.28	31.77 1.45 -4.08	31.42 1.48 -0.50	31.21 1.37 -0.45	30.76 1.24 -1.78	31.02 1.17 0.00	28.24 1.13 0.00
RANKINE____ 23646	33.72 -1.25 -0.29	25.37 -0.93 -3.71	17.00 -0.35 -9.48	25.50 -1.32 -1.11	21.99 -0.79 -7.49	33.83 -1.41 -5.64	42.76 -2.47 -0.94	38.30 -2.32 -1.01	30.29 -1.93 -1.12	27.67 -1.65 0.00	29.49 -1.78 0.00	27.98 -1.41 0.00	24.94 -1.18 0.00	27.25 -1.49 0.00	28.21 -1.66 0.00	30.15 -1.73 0.00	28.58 -1.87 -0.03	25.25 -1.63 -1.80	25.31 -1.96 -1.02	27.46 -2.11 -0.12	27.58 -1.93 -0.11	26.47 -1.72 -0.45	28.54 -1.30 0.00	26.20 -0.91 0.00
RAVENSWOOD_GT2_1 24244	37.86 1.98 -1.22	39.27 1.26 -15.42	47.77 0.44 -39.46	31.74 1.41 -4.62	47.27 0.80 -31.18	54.70 1.63 -23.46	50.94 2.77 -3.89	46.48 2.69 -4.18	37.81 2.09 -4.62	45.12 1.99 -13.81	33.46 2.20 0.00	31.36 1.96 0.00	28.45 1.61 -0.72	31.14 1.73 -0.67	31.72 1.85 0.00	35.30 2.03 -1.38	32.61 2.07 -0.12	34.47 1.82 -7.57	32.38 1.89 -4.25	31.92 1.96 -0.52	31.69 1.82 -0.46	31.23 1.64 -1.85	31.39 1.55 0.00	28.58 1.47 0.00
RAVENSWOOD_GT2_2 24245	37.86 1.98 -1.22	39.27 1.26 -15.42	47.77 0.44 -39.46	31.74 1.41 -4.62	47.27 0.80 -31.18	54.70 1.63 -23.46	50.94 2.77 -3.89	46.48 2.69 -4.18	37.81 2.09 -4.62	45.12 1.99 -13.81	33.46 2.20 0.00	31.36 1.96 0.00	28.45 1.61 -0.72	31.14 1.73 -0.67	31.72 1.85 0.00	35.30 2.03 -1.38	32.61 2.07 -0.12	34.47 1.82 -7.57	32.38 1.89 -4.25	31.92 1.96 -0.52	31.69 1.82 -0.46	31.23 1.64 -1.85	31.39 1.55 0.00	28.58 1.47 0.00
RAVENSWOOD_GT2_3 24246	37.88 1.99 -1.22	39.28 1.27 -15.42	47.77 0.44 -39.46	31.74 1.41 -4.62	47.27 0.81 -31.18	54.71 1.65 -23.46	50.97 2.79 -3.89	46.51 2.71 -4.18	37.83 2.11 -4.62	45.14 2.01 -13.81	33.48 2.22 0.00	31.38 1.98 0.00	28.47 1.63 -0.72	31.15 1.74 -0.67	31.74 1.87 0.00	35.30 2.04 -1.38	32.63 2.09 -0.12	34.49 1.83 -7.57	32.39 1.91 -4.25	31.94 1.98 -0.52	31.70 1.84 -0.46	31.24 1.65 -1.85	31.41 1.56 0.00	28.59 1.48 0.00
RAVENSWOOD_GT2_4 24247	37.88 1.99 -1.22	39.28 1.27 -15.42	47.77 0.44 -39.46	31.74 1.41 -4.62	47.27 0.81 -31.18	54.71 1.65 -23.46	50.97 2.79 -3.89	46.51 2.71 -4.18	37.83 2.11 -4.62	45.14 2.01 -13.81	33.48 2.22 0.00	31.38 1.98 0.00	28.47 1.63 -0.72	31.15 1.74 -0.67	31.74 1.87 0.00	35.30 2.04 -1.38	32.63 2.09 -0.12	34.49 1.83 -7.57	32.39 1.91 -4.25	31.94 1.98 -0.52	31.70 1.84 -0.46	31.24 1.65 -1.85	31.41 1.56 0.00	28.59 1.48 0.00
RAVENSWOOD_GT3_1 24248	37.86 1.98 -1.22	39.27 1.26 -15.42	47.77 0.44 -39.46	31.74 1.41 -4.62	47.27 0.80 -31.18	54.70 1.63 -23.46	50.95 2.77 -3.89	46.48 2.69 -4.18	37.81 2.09 -4.62	45.12 1.99 -13.81	33.47 2.20 0.00	31.36 1.96 0.00	28.45 1.61 -0.72	31.14 1.73 -0.67	31.72 1.85 0.00	35.30 2.03 -1.38	32.61 2.08 -0.12	34.47 1.82 -7.57	32.38 1.89 -4.25	31.92 1.96 -0.52	31.69 1.82 -0.46	31.23 1.64 -1.85	31.39 1.55 0.00	28.58 1.47 0.00
RAVENSWOOD_GT3_2 24249	37.86 1.98 -1.22	39.27 1.26 -15.42	47.77 0.44 -39.46	31.74 1.41 -4.62	47.27 0.80 -31.18	54.70 1.63 -23.46	50.95 2.77 -3.89	46.48 2.69 -4.18	37.81 2.09 -4.62	45.12 1.99 -13.81	33.47 2.20 0.00	31.36 1.96 0.00	28.45 1.61 -0.72	31.14 1.73 -0.67	31.72 1.85 0.00	35.30 2.03 -1.38	32.61 2.08 -0.12	34.47 1.82 -7.57	32.38 1.89 -4.25	31.92 1.96 -0.52	31.69 1.82 -0.46	31.23 1.64 -1.85	31.39 1.55 0.00	28.58 1.47 0.00
RAVENSWOOD_GT3_3 24250	37.92 2.03 -1.22	39.30 1.29 -15.42	47.78 0.45 -39.46	31.77 1.44 -4.62	47.29 0.82 -31.18	54.74 1.68 -23.46	51.02 2.84 -3.89	46.55 2.76 -4.18	37.86 2.15 -4.62	45.17 2.04 -13.81	33.51 2.25 0.00	31.42 2.02 0.00	28.50 1.66 -0.72	31.19 1.78 -0.67	31.77 1.90 0.00	35.35 2.09 -1.38	32.67 2.13 -0.12	34.52 1.87 -7.57	32.42 1.94 -4.25	31.97 2.01 -0.52	31.74 1.87 -0.46	31.27 1.67 -1.85	31.44 1.60 0.00	28.62 1.51 0.00
RAVENSWOOD_GT3_4 24251	37.92 2.03 -1.22	39.30 1.29 -15.42	47.78 0.45 -39.46	31.77 1.44 -4.62	47.29 0.82 -31.18	54.74 1.68 -23.46	51.02 2.84 -3.89	46.55 2.76 -4.18	37.86 2.15 -4.62	45.17 2.04 -13.81	33.51 2.25 0.00	31.42 2.02 0.00	28.50 1.66 -0.72	31.19 1.78 -0.67	31.77 1.90 0.00	35.35 2.09 -1.38	32.67 2.13 -0.12	34.52 1.87 -7.57	32.42 1.94 -4.25	31.97 2.01 -0.52	31.74 1.87 -0.46	31.27 1.67 -1.85	31.44 1.60 0.00	28.62 1.51 0.00

RAVENSWOOD_GT_1 23729	37.95 2.06 -1.22	39.32 1.31 -15.42	47.78 0.45 -39.46	31.79 1.46 -4.62	47.29 0.82 -31.18	54.75 1.68 -23.46	51.03 2.85 -3.89	46.60 2.80 -4.18	37.90 2.19 -4.62	45.23 2.11 -13.81	33.60 2.33 0.00	31.49 2.09 0.00	28.57 1.73 -0.72	31.24 1.82 -0.67	31.83 1.97 0.00	35.40 2.14 -1.38	32.70 2.17 -0.12	34.53 1.88 -7.57	32.44 1.96 -4.25	31.99 2.03 -0.52	31.75 1.89 -0.46	31.28 1.69 -1.85	31.44 1.60 0.00	28.62 1.51 0.00
RAVENSWOOD_GT_10 24258	37.86 1.98 -1.22	39.27 1.26 -15.42	47.77 0.44 -39.46	31.74 1.41 -4.62	47.27 0.80 -31.18	54.70 1.63 -23.46	50.95 2.77 -3.89	46.48 2.69 -4.18	37.81 2.09 -4.62	45.11 1.99 -13.81	33.46 2.20 0.00	31.36 1.96 0.00	28.45 1.60 -0.72	31.14 1.73 -0.67	31.72 1.85 0.00	35.30 2.03 -1.38	32.61 2.07 -0.12	34.47 1.82 -7.57	32.38 1.89 -4.25	31.92 1.96 -0.52	31.69 1.82 -0.46	31.23 1.64 -1.85	31.39 1.55 0.00	28.58 1.47 0.00
RAVENSWOOD_GT_11 24259	37.86 1.98 -1.22	39.27 1.26 -15.42	47.77 0.44 -39.46	31.74 1.41 -4.62	47.27 0.80 -31.18	54.70 1.63 -23.46	50.95 2.77 -3.89	46.48 2.69 -4.18	37.81 2.09 -4.62	45.11 1.99 -13.81	33.46 2.20 0.00	31.36 1.96 0.00	28.45 1.60 -0.72	31.14 1.73 -0.67	31.72 1.85 0.00	35.30 2.03 -1.38	32.61 2.07 -0.12	34.47 1.82 -7.57	32.38 1.89 -4.25	31.92 1.96 -0.52	31.69 1.82 -0.46	31.23 1.64 -1.85	31.39 1.55 0.00	28.58 1.47 0.00
RAVENSWOOD_GT_4 24252	37.86 1.98 -1.22	39.27 1.26 -15.42	47.77 0.44 -39.46	31.74 1.41 -4.62	47.27 0.81 -31.18	54.71 1.64 -23.46	50.96 2.78 -3.89	46.49 2.69 -4.18	37.81 2.09 -4.62	45.11 1.98 -13.81	33.45 2.19 0.00	31.36 1.96 0.00	28.45 1.60 -0.72	31.14 1.73 -0.67	31.72 1.85 0.00	35.30 2.03 -1.38	32.61 2.07 -0.12	34.47 1.82 -7.57	32.38 1.90 -4.25	31.93 1.96 -0.52	31.69 1.83 -0.46	31.24 1.64 -1.85	31.41 1.56 0.00	28.58 1.48 0.00
RAVENSWOOD_GT_5 24254	37.86 1.98 -1.22	39.27 1.26 -15.42	47.77 0.44 -39.46	31.74 1.41 -4.62	47.27 0.81 -31.18	54.71 1.64 -23.46	50.96 2.78 -3.89	46.49 2.69 -4.18	37.81 2.09 -4.62	45.11 1.98 -13.81	33.45 2.19 0.00	31.36 1.96 0.00	28.45 1.60 -0.72	31.14 1.73 -0.67	31.72 1.85 0.00	35.30 2.03 -1.38	32.61 2.07 -0.12	34.47 1.82 -7.57	32.38 1.90 -4.25	31.93 1.96 -0.52	31.69 1.83 -0.46	31.24 1.64 -1.85	31.41 1.56 0.00	28.58 1.48 0.00
RAVENSWOOD_GT_6 24253	37.86 1.98 -1.22	39.27 1.26 -15.42	47.77 0.44 -39.46	31.74 1.41 -4.62	47.27 0.81 -31.18	54.71 1.64 -23.46	50.96 2.78 -3.89	46.49 2.69 -4.18	37.81 2.09 -4.62	45.11 1.98 -13.81	33.45 2.19 0.00	31.36 1.96 0.00	28.45 1.60 -0.72	31.14 1.73 -0.67	31.72 1.85 0.00	35.30 2.03 -1.38	32.61 2.07 -0.12	34.47 1.82 -7.57	32.38 1.90 -4.25	31.93 1.96 -0.52	31.69 1.83 -0.46	31.24 1.64 -1.85	31.41 1.56 0.00	28.58 1.48 0.00
RAVENSWOOD_GT_7 24255	37.86 1.98 -1.22	39.27 1.26 -15.42	47.77 0.44 -39.46	31.74 1.41 -4.62	47.27 0.81 -31.18	54.71 1.64 -23.46	50.96 2.78 -3.89	46.49 2.69 -4.18	37.81 2.09 -4.62	45.11 1.98 -13.81	33.45 2.19 0.00	31.36 1.96 0.00	28.45 1.60 -0.72	31.14 1.73 -0.67	31.72 1.85 0.00	35.30 2.03 -1.38	32.61 2.07 -0.12	34.47 1.82 -7.57	32.38 1.90 -4.25	31.93 1.96 -0.52	31.69 1.83 -0.46	31.24 1.64 -1.85	31.41 1.56 0.00	28.58 1.48 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	37.86 1.98 -1.22	39.27 1.26 -15.42	47.77 0.44 -39.46	31.74 1.41 -4.62	47.27 0.80 -31.18	54.70 1.63 -23.46	50.95 2.77 -3.89	46.48 2.69 -4.18	37.81 2.09 -4.62	45.11 1.99 -13.81	33.46 2.20 0.00	31.36 1.96 0.00	28.45 1.60 -0.72	31.14 1.73 -0.67	31.72 1.85 0.00	35.30 2.03 -1.38	32.61 2.07 -0.12	34.47 1.82 -7.57	32.38 1.89 -4.25	31.92 1.96 -0.52	31.69 1.82 -0.46	31.23 1.64 -1.85	31.39 1.55 0.00	28.58 1.47 0.00
RAVENSWOOD_GT_9 24257	37.86 1.98 -1.22	39.27 1.26 -15.42	47.77 0.44 -39.46	31.74 1.41 -4.62	47.27 0.80 -31.18	54.70 1.63 -23.46	50.95 2.77 -3.89	46.48 2.69 -4.18	37.81 2.09 -4.62	45.11 1.99 -13.81	33.46 2.20 0.00	31.36 1.96 0.00	28.45 1.60 -0.72	31.14 1.73 -0.67	31.72 1.85 0.00	35.30 2.03 -1.38	32.61 2.07 -0.12	34.47 1.82 -7.57	32.38 1.89 -4.25	31.92 1.96 -0.52	31.69 1.82 -0.46	31.23 1.64 -1.85	31.39 1.55 0.00	28.58 1.47 0.00
RAVENSWOOD___1 23533	37.89 2.00 -1.22	39.28 1.27 -15.42	47.77 0.44 -39.46	31.74 1.41 -4.62	47.26 0.79 -31.18	54.70 1.64 -23.46	50.96 2.78 -3.89	46.51 2.72 -4.18	37.84 2.12 -4.62	45.17 2.04 -13.81	33.52 2.25 0.00	31.41 2.01 0.00	28.51 1.66 -0.72	31.17 1.76 -0.67	31.76 1.90 0.00	35.32 2.06 -1.38	32.63 2.10 -0.12	34.48 1.83 -7.57	32.39 1.91 -4.25	31.93 1.97 -0.52	31.70 1.83 -0.46	31.22 1.63 -1.85	31.37 1.53 0.00	28.57 1.46 0.00
RAVENSWOOD___2 23534	37.89 2.00 -1.22	39.28 1.27 -15.42	47.77 0.44 -39.46	31.74 1.41 -4.62	47.26 0.79 -31.18	54.70 1.64 -23.46	50.96 2.78 -3.89	46.51 2.72 -4.18	37.84 2.12 -4.62	45.17 2.04 -13.81	33.52 2.25 0.00	31.41 2.01 0.00	28.51 1.66 -0.72	31.17 1.76 -0.67	31.76 1.90 0.00	35.32 2.06 -1.38	32.63 2.10 -0.12	34.48 1.83 -7.57	32.39 1.91 -4.25	31.93 1.97 -0.52	31.70 1.83 -0.46	31.22 1.63 -1.85	31.37 1.53 0.00	28.57 1.46 0.00
RAVENSWOOD___3 23535	37.87 1.98 -1.22	39.27 1.26 -15.42	47.77 0.44 -39.46	31.74 1.41 -4.62	47.27 0.80 -31.18	54.71 1.64 -23.46	50.95 2.78 -3.89	46.49 2.70 -4.18	37.81 2.10 -4.62	45.12 1.99 -13.81	33.47 2.20 0.00	31.37 1.97 0.00	28.45 1.61 -0.72	31.14 1.73 -0.67	31.73 1.86 0.00	35.30 2.03 -1.38	32.61 2.08 -0.12	34.47 1.82 -7.57	32.38 1.89 -4.25	31.93 1.96 -0.52	31.69 1.83 -0.46	31.23 1.64 -1.85	31.39 1.55 0.00	28.58 1.47 0.00
RAVENSWOOD___4 23820	37.89 2.00 -1.22	39.28 1.27 -15.42	47.77 0.44 -39.46	31.74 1.41 -4.62	47.26 0.79 -31.18	54.70 1.64 -23.46	50.96 2.78 -3.89	46.51 2.72 -4.18	37.84 2.12 -4.62	45.17 2.04 -13.81	33.52 2.25 0.00	31.41 2.01 0.00	28.51 1.66 -0.72	31.17 1.76 -0.67	31.76 1.90 0.00	35.32 2.06 -1.38	32.63 2.10 -0.12	34.48 1.83 -7.57	32.39 1.91 -4.25	31.93 1.97 -0.52	31.70 1.83 -0.46	31.22 1.63 -1.85	31.37 1.53 0.00	28.57 1.46 0.00
RCPI_TRUST___DRP 24196	37.91 2.02 -1.22	39.30 1.29 -15.41	47.78 0.45 -39.46	31.77 1.44 -4.62	47.29 0.83 -31.18	54.74 1.68 -23.46	51.03 2.86 -3.89	46.56 2.76 -4.18	37.87 2.15 -4.61	45.25 2.07 -13.86	33.56 2.29 0.00	31.45 2.06 0.00	28.53 1.68 -0.72	31.22 1.81 -0.67	31.80 1.94 0.00	35.38 2.11 -1.39	32.70 2.16 -0.12	34.53 1.88 -7.57	32.43 1.95 -4.24	31.98 2.02 -0.52	31.73 1.87 -0.46	31.27 1.67 -1.85	31.42 1.58 0.00	28.61 1.50 0.00
RED___ROCHESTER 323720	34.10 -0.83 -0.25	25.18 -0.59 -3.18	15.78 -0.22 -8.13	25.78 -0.88 -0.95	21.19 -0.52 -6.43	33.58 -0.86 -4.84	43.60 -1.48 -0.80	39.16 -1.32 -0.87	30.96 -1.11 -0.96	28.30 -1.02 0.00	30.11 -1.15 0.00	28.44 -0.95 0.00	25.33 -0.80 0.00	27.73 -1.01 0.00	28.78 -1.09 0.00	30.87 -1.01 0.00	29.44 -1.00 -0.03	25.83 -0.82 -1.57	26.11 -1.00 -0.88	28.45 -1.11 -0.11	28.51 -0.99 -0.10	27.24 -0.89 -0.38	29.18 -0.67 0.00	26.62 -0.49 0.00

REGAN___SOLAR 323812	39.23 2.81 -1.74	46.84 2.15 -22.11	65.20 0.75 -56.58	34.74 2.40 -6.63	61.46 1.47 -44.71	66.42 3.17 -33.64	55.09 5.22 -5.58	50.55 4.94 -6.00	41.03 3.31 -6.61	33.76 2.15 -2.29	32.69 1.42 0.00	30.35 0.95 0.00	27.07 0.82 -0.12	29.51 0.65 -0.11	31.53 1.66 0.00	34.75 2.64 -0.23	34.07 3.48 -0.18	38.96 3.03 -10.85	35.45 3.12 -6.08	33.58 3.39 -0.74	33.51 3.45 -0.66	33.46 3.07 -2.65	32.97 3.13 0.00	29.81 2.70 0.00
RENSSELAER___COGEN 23796	37.42 1.23 -1.51	42.58 0.81 -19.18	57.24 0.27 -49.11	32.34 0.88 -5.75	54.61 0.52 -38.81	59.80 1.00 -29.20	50.64 1.51 -4.84	46.03 1.21 -5.21	37.87 1.03 -5.74	33.33 0.88 -3.13	32.28 1.01 0.00	30.28 0.88 0.00	27.03 0.74 -0.16	29.80 0.91 -0.15	30.91 1.05 0.00	33.28 1.09 -0.31	31.65 1.08 -0.15	35.38 0.88 -9.42	32.49 0.97 -5.28	31.11 1.02 -0.64	30.87 0.89 -0.58	30.93 0.88 -2.30	30.61 0.77 0.00	27.92 0.81 0.00
REPUBLIC_115KV_BARTNBRK 55605	38.89 2.66 -1.56	43.90 1.59 -19.73	58.86 0.49 -50.50	33.15 1.53 -5.91	56.25 1.06 -39.91	62.18 2.55 -30.03	53.39 4.13 -4.98	48.54 3.58 -5.35	39.67 2.67 -5.90	34.41 2.08 -3.01	33.66 2.40 0.00	31.21 1.81 0.00	27.81 1.53 -0.16	30.90 2.01 -0.15	32.45 2.58 0.00	34.83 2.65 -0.30	33.34 2.76 -0.16	37.11 2.34 -9.69	34.02 2.35 -5.43	32.57 2.46 -0.66	32.15 2.16 -0.59	32.10 1.99 -2.37	31.82 1.98 0.00	29.34 2.23 0.00
REVERE_CPPR_DRP 24186	35.65 0.87 -0.11	24.50 0.53 -1.38	11.57 0.18 -3.53	26.69 0.57 -0.41	18.42 0.35 -2.79	32.54 0.84 -2.10	46.18 1.54 -0.35	41.54 1.57 -0.36	32.76 1.31 -0.35	30.31 0.99 0.00	32.22 0.95 0.00	30.14 0.75 0.00	26.72 0.59 0.00	29.35 0.60 0.00	30.62 0.75 0.00	32.85 0.97 0.00	31.37 0.94 -0.01	26.56 0.79 -0.68	27.39 0.77 -0.39	30.32 0.83 -0.05	30.25 0.81 -0.04	28.61 0.70 -0.17	30.49 0.65 0.00	27.69 0.57 0.00
REYNOLDS_115KV_TB3 80639	37.70 1.51 -1.51	42.78 0.99 -19.19	57.34 0.34 -49.13	32.57 1.10 -5.75	54.76 0.65 -38.83	60.09 1.28 -29.22	51.07 1.94 -4.85	46.45 1.63 -5.21	38.16 1.32 -5.74	33.69 1.18 -3.20	32.56 1.29 0.00	30.53 1.13 0.00	27.25 0.96 -0.17	30.05 1.16 -0.15	31.18 1.31 0.00	33.55 1.35 -0.32	31.88 1.31 -0.15	35.57 1.06 -9.42	32.68 1.16 -5.28	31.30 1.21 -0.64	31.07 1.09 -0.58	31.14 1.09 -2.30	30.84 1.00 0.00	28.14 1.03 0.00
RIVERBAY____ 323610	38.05 2.16 -1.22	39.40 1.39 -15.42	47.81 0.48 -39.46	31.89 1.56 -4.62	47.32 0.86 -31.18	54.89 1.83 -23.46	51.25 3.07 -3.89	46.81 3.01 -4.18	38.08 2.36 -4.62	45.38 2.26 -13.81	33.79 2.52 0.00	31.60 2.20 0.00	28.66 1.81 -0.72	31.30 1.89 -0.67	31.92 2.05 0.00	35.49 2.23 -1.38	32.80 2.27 -0.12	34.72 2.07 -7.57	32.66 2.18 -4.25	32.21 2.25 -0.52	31.96 2.09 -0.46	31.46 1.87 -1.85	31.65 1.81 0.00	28.81 1.70 0.00
RIVERSDE_115KV_TB3 55908	37.62 1.43 -1.52	42.77 0.93 -19.24	57.44 0.32 -49.25	32.51 1.03 -5.77	54.82 0.61 -38.93	60.08 1.19 -29.29	50.93 1.79 -4.86	46.32 1.48 -5.22	38.09 1.23 -5.76	33.55 1.07 -3.16	32.46 1.19 0.00	30.44 1.04 0.00	27.17 0.88 -0.16	29.96 1.06 -0.15	31.09 1.22 0.00	33.46 1.27 -0.32	31.81 1.24 -0.15	35.54 1.01 -9.45	32.64 1.10 -5.30	31.24 1.15 -0.64	31.01 1.03 -0.58	31.08 1.02 -2.31	30.76 0.92 0.00	28.05 0.94 0.00
ROARING___BROOK_WT_PWR 323790	33.42 -1.26 0.00	21.86 -0.73 0.00	7.65 -0.22 0.00	25.03 -0.68 0.00	14.84 -0.44 0.00	28.77 -0.83 0.00	43.07 -1.21 0.00	38.74 -0.87 0.00	30.48 -0.62 0.00	28.59 -0.72 0.00	30.56 -0.71 0.00	28.76 -0.64 0.00	25.62 -0.50 0.00	28.24 -0.50 0.00	29.18 -0.69 0.00	31.07 -0.81 0.00	29.38 -1.03 0.00	24.16 -0.93 0.00	25.30 -0.94 0.00	28.39 -1.06 0.00	28.34 -1.06 0.00	26.77 -0.97 0.00	28.85 -1.00 0.00	26.23 -0.88 0.00
ROCHESRG_115KV_T4 355643	33.76 -1.16 -0.25	24.94 -0.82 -3.17	15.67 -0.30 -8.11	25.54 -1.12 -0.95	21.03 -0.66 -6.41	33.26 -1.17 -4.82	43.10 -1.98 -0.80	38.70 -1.78 -0.87	30.60 -1.47 -0.96	27.97 -1.35 0.00	29.77 -1.49 0.00	28.13 -1.26 0.00	25.06 -1.07 0.00	27.44 -1.31 0.00	28.47 -1.40 0.00	30.50 -1.38 0.00	29.07 -1.37 -0.03	25.49 -1.15 -1.56	25.78 -1.34 -0.88	28.09 -1.47 -0.11	28.15 -1.35 -0.10	26.92 -1.21 -0.38	28.84 -1.00 0.00	26.34 -0.77 0.00
ROCHESTER_9_IC 23652	33.95 -0.97 -0.25	25.07 -0.70 -3.18	15.74 -0.26 -8.13	25.68 -0.98 -0.95	21.13 -0.58 -6.43	33.45 -0.99 -4.84	43.39 -1.70 -0.80	38.97 -1.51 -0.87	30.80 -1.27 -0.96	28.15 -1.17 0.00	29.97 -1.30 0.00	28.31 -1.09 0.00	25.21 -0.92 0.00	27.60 -1.14 0.00	28.63 -1.23 0.00	30.70 -1.18 0.00	29.27 -1.17 -0.03	25.68 -0.97 -1.57	25.96 -1.16 -0.88	28.28 -1.27 -0.11	28.35 -1.15 -0.10	27.10 -1.03 -0.38	29.02 -0.82 0.00	26.49 -0.62 0.00
ROCKVIEW_13_KV_LD 356306	37.93 2.04 -1.22	39.31 1.30 -15.42	47.77 0.44 -39.46	31.77 1.44 -4.62	47.29 0.83 -31.18	54.78 1.71 -23.46	51.05 2.87 -3.89	46.53 2.74 -4.18	37.82 2.10 -4.61	45.15 1.98 -13.85	33.43 2.16 0.00	31.32 1.92 0.00	28.43 1.58 -0.72	31.13 1.72 -0.67	31.71 1.84 0.00	35.30 2.03 -1.39	32.61 2.07 -0.12	34.48 1.83 -7.57	32.39 1.91 -4.25	31.95 1.98 -0.52	31.72 1.85 -0.46	31.27 1.67 -1.85	31.44 1.60 0.00	28.62 1.51 0.00
ROME____115KV_TB2 80656	35.65 0.87 -0.11	24.50 0.53 -1.38	11.57 0.18 -3.53	26.69 0.57 -0.41	18.42 0.35 -2.79	32.54 0.84 -2.10	46.18 1.54 -0.35	41.54 1.57 -0.36	32.76 1.31 -0.35	30.31 0.99 0.00	32.22 0.95 0.00	30.14 0.75 0.00	26.72 0.59 0.00	29.35 0.60 0.00	30.62 0.75 0.00	32.85 0.97 0.00	31.37 0.94 -0.01	26.56 0.79 -0.68	27.39 0.77 -0.39	30.32 0.83 -0.05	30.25 0.81 -0.04	28.61 0.70 -0.17	30.49 0.65 0.00	27.69 0.57 0.00
ROSETON___1 23587	37.57 1.70 -1.20	38.93 1.08 -15.26	47.29 0.37 -39.05	31.48 1.20 -4.57	46.83 0.69 -30.86	54.25 1.42 -23.22	50.53 2.39 -3.85	45.99 2.23 -4.14	37.37 1.70 -4.57	30.91 1.59 0.00	32.97 1.71 0.00	30.90 1.50 0.00	27.36 1.23 0.00	30.08 1.34 0.00	31.32 1.45 0.00	33.47 1.59 0.00	32.17 1.64 -0.12	34.03 1.46 -7.49	31.96 1.52 -4.20	31.53 1.58 -0.51	31.34 1.48 -0.46	30.94 1.36 -1.83	31.12 1.28 0.00	28.35 1.24 0.00
ROSETON___2 23588	37.57 1.70 -1.20	38.93 1.08 -15.26	47.29 0.37 -39.05	31.48 1.20 -4.57	46.83 0.69 -30.86	54.25 1.42 -23.22	50.53 2.39 -3.85	45.99 2.23 -4.14	37.37 1.70 -4.57	30.91 1.59 0.00	32.97 1.71 0.00	30.90 1.50 0.00	27.36 1.23 0.00	30.08 1.34 0.00	31.32 1.45 0.00	33.47 1.59 0.00	32.17 1.64 -0.12	34.03 1.46 -7.49	31.96 1.52 -4.20	31.53 1.58 -0.51	31.34 1.48 -0.46	30.94 1.36 -1.83	31.12 1.28 0.00	28.35 1.24 0.00
ROTTDRAM_115KV_TB3 80664	37.73 1.48 -1.57	43.50 0.96 -19.95	59.25 0.33 -51.06	32.74 1.05 -5.98	56.26 0.62 -40.35	61.26 1.30 -30.36	51.39 2.07 -5.04	46.87 1.85 -5.41	38.49 1.42 -5.97	33.48 1.26 -2.91	32.56 1.30 0.00	30.51 1.11 0.00	27.23 0.95 -0.15	30.00 1.12 -0.14	31.13 1.26 0.00	33.55 1.38 -0.29	31.98 1.41 -0.16	36.08 1.20 -9.79	32.99 1.26 -5.49	31.45 1.34 -0.67	31.24 1.24 -0.60	31.32 1.19 -2.39	30.97 1.13 0.00	28.21 1.10 0.00

RUSSELL___1 23602	34.12 -0.81 -0.25	25.17 -0.60 -3.18	15.78 -0.22 -8.13	25.78 -0.88 -0.95	21.19 -0.52 -6.43	33.58 -0.86 -4.84	43.61 -1.47 -0.80	39.18 -1.30 -0.87	30.96 -1.10 -0.96	28.30 -1.02 0.00	30.12 -1.15 0.00	28.45 -0.95 0.00	25.33 -0.80 0.00	27.73 -1.01 0.00	28.78 -1.09 0.00	30.87 -1.02 0.00	29.44 -1.00 -0.03	25.83 -0.82 -1.57	26.11 -1.00 -0.88	28.45 -1.11 -0.11	28.51 -0.99 -0.10	27.24 -0.88 -0.38	29.16 -0.68 0.00	26.62 -0.49 0.00
RUSSELL___2 23532	34.12 -0.81 -0.25	25.17 -0.60 -3.18	15.78 -0.22 -8.13	25.78 -0.88 -0.95	21.19 -0.52 -6.43	33.58 -0.86 -4.84	43.61 -1.47 -0.80	39.18 -1.30 -0.87	30.96 -1.10 -0.96	28.30 -1.02 0.00	30.12 -1.15 0.00	28.45 -0.95 0.00	25.33 -0.80 0.00	27.73 -1.01 0.00	28.78 -1.09 0.00	30.87 -1.02 0.00	29.44 -1.00 -0.03	25.83 -0.82 -1.57	26.11 -1.00 -0.88	28.45 -1.11 -0.11	28.51 -0.99 -0.10	27.24 -0.88 -0.38	29.16 -0.68 0.00	26.62 -0.49 0.00
RUSSELL___3 23549	34.12 -0.81 -0.25	25.17 -0.60 -3.18	15.78 -0.22 -8.13	25.78 -0.88 -0.95	21.19 -0.52 -6.43	33.58 -0.86 -4.84	43.61 -1.47 -0.80	39.18 -1.30 -0.87	30.96 -1.10 -0.96	28.30 -1.02 0.00	30.12 -1.15 0.00	28.45 -0.95 0.00	25.33 -0.80 0.00	27.73 -1.01 0.00	28.78 -1.09 0.00	30.87 -1.02 0.00	29.44 -1.00 -0.03	25.83 -0.82 -1.57	26.11 -1.00 -0.88	28.45 -1.11 -0.11	28.51 -0.99 -0.10	27.24 -0.88 -0.38	29.16 -0.68 0.00	26.62 -0.49 0.00
RUSSELL___4 23556	34.12 -0.81 -0.25	25.17 -0.60 -3.18	15.78 -0.22 -8.13	25.78 -0.88 -0.95	21.19 -0.52 -6.43	33.58 -0.86 -4.84	43.61 -1.47 -0.80	39.18 -1.30 -0.87	30.96 -1.10 -0.96	28.30 -1.02 0.00	30.12 -1.15 0.00	28.45 -0.95 0.00	25.33 -0.80 0.00	27.73 -1.01 0.00	28.78 -1.09 0.00	30.87 -1.02 0.00	29.44 -1.00 -0.03	25.83 -0.82 -1.57	26.11 -1.00 -0.88	28.45 -1.11 -0.11	28.51 -0.99 -0.10	27.24 -0.88 -0.38	29.16 -0.68 0.00	26.62 -0.49 0.00
RUSSELL___STATION 23914	34.12 -0.81 -0.25	25.17 -0.60 -3.18	15.78 -0.22 -8.13	25.78 -0.88 -0.95	21.19 -0.52 -6.43	33.58 -0.86 -4.84	43.61 -1.47 -0.80	39.18 -1.30 -0.87	30.96 -1.10 -0.96	28.30 -1.02 0.00	30.12 -1.15 0.00	28.45 -0.95 0.00	25.33 -0.80 0.00	27.73 -1.01 0.00	28.78 -1.09 0.00	30.87 -1.02 0.00	29.44 -1.00 -0.03	25.83 -0.82 -1.57	26.11 -1.00 -0.88	28.45 -1.11 -0.11	28.51 -0.99 -0.10	27.24 -0.88 -0.38	29.16 -0.68 0.00	26.62 -0.49 0.00
S SALMON___HYD 24043	33.74 -1.11 -0.18	24.10 -0.77 -2.28	13.44 -0.27 -5.85	25.46 -0.93 -0.69	19.35 -0.55 -4.62	32.09 -0.99 -3.48	43.53 -1.34 -0.58	39.11 -1.13 -0.62	31.02 -0.78 -0.70	28.46 -0.86 0.00	30.31 -0.96 0.00	28.45 -0.95 0.00	25.25 -0.88 0.00	27.70 -1.04 0.00	28.78 -1.09 0.00	30.87 -1.01 0.00	29.53 -0.90 -0.02	25.48 -0.74 -1.14	26.02 -0.84 -0.62	28.61 -0.91 -0.07	28.61 -0.86 -0.07	27.13 -0.88 -0.27	28.83 -1.01 0.00	26.19 -0.92 0.00
S.PERRY___115KV_TB1 80734	34.72 -0.26 -0.30	26.19 -0.27 -3.87	17.66 -0.11 -9.91	26.34 -0.53 -1.16	22.82 -0.29 -7.83	35.23 -0.27 -5.89	44.85 -0.41 -0.98	40.30 -0.37 -1.06	31.69 -0.58 -1.17	28.54 -0.78 0.00	30.18 -1.08 0.00	28.42 -0.98 0.00	25.25 -0.88 0.00	27.57 -1.18 0.00	28.73 -1.14 0.00	30.98 -0.90 0.00	29.76 -0.68 -0.03	26.57 -0.51 -2.00	26.56 -0.75 -1.07	28.76 -0.82 -0.13	28.88 -0.64 -0.12	27.58 -0.63 -0.47	29.35 -0.49 0.00	26.75 -0.36 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	33.22 -1.75 -0.29	24.97 -1.24 -3.63	16.69 -0.46 -9.28	25.12 -1.68 -1.09	21.61 -1.01 -7.34	33.29 -1.84 -5.52	42.03 -3.17 -0.92	37.62 -2.98 -0.99	29.79 -2.41 -1.10	27.23 -2.09 0.00	29.00 -2.26 0.00	27.53 -1.87 0.00	24.56 -1.57 0.00	26.83 -1.92 0.00	27.77 -2.10 0.00	29.68 -2.20 0.00	28.14 -2.30 -0.03	24.84 -2.00 -1.76	24.93 -2.31 -1.00	27.05 -2.52 -0.12	27.17 -2.34 -0.11	26.11 -2.07 -0.44	28.20 -1.64 0.00	25.91 -1.20 0.00
SAWYER___23_KV_LOAD 55526	33.22 -1.75 -0.29	24.97 -1.24 -3.63	16.69 -0.46 -9.28	25.12 -1.68 -1.09	21.61 -1.01 -7.34	33.29 -1.84 -5.52	42.03 -3.17 -0.92	37.62 -2.98 -0.99	29.79 -2.41 -1.10	27.23 -2.09 0.00	29.00 -2.26 0.00	27.53 -1.87 0.00	24.56 -1.57 0.00	26.83 -1.92 0.00	27.77 -2.10 0.00	29.68 -2.20 0.00	28.14 -2.30 -0.03	24.84 -2.00 -1.76	24.93 -2.31 -1.00	27.05 -2.52 -0.12	27.17 -2.34 -0.11	26.11 -2.07 -0.44	28.20 -1.64 0.00	25.91 -1.20 0.00
SELKIRK___I 23801	37.73 1.56 -1.49	42.55 1.02 -18.93	56.67 0.35 -48.46	32.51 1.13 -5.68	54.26 0.68 -38.29	59.75 1.34 -28.81	51.09 2.02 -4.78	46.44 1.69 -5.14	38.10 1.34 -5.67	33.33 1.17 -2.85	32.54 1.28 0.00	30.51 1.11 0.00	27.22 0.95 -0.15	30.01 1.13 -0.14	31.14 1.28 0.00	33.53 1.36 -0.28	31.92 1.36 -0.15	35.49 1.12 -9.30	32.66 1.21 -5.21	31.38 1.30 -0.63	31.16 1.19 -0.57	31.16 1.14 -2.27	30.92 1.08 0.00	28.19 1.08 0.00
SELKIRK___II 23799	37.50 1.32 -1.51	42.58 0.86 -19.14	57.14 0.29 -48.99	32.39 0.95 -5.74	54.56 0.56 -38.71	59.83 1.10 -29.13	50.80 1.68 -4.83	46.22 1.41 -5.19	37.97 1.14 -5.73	33.38 1.01 -3.06	32.38 1.12 0.00	30.36 0.96 0.00	27.10 0.81 -0.16	29.86 0.97 -0.15	30.97 1.10 0.00	33.36 1.17 -0.31	31.73 1.16 -0.15	35.44 0.96 -9.40	32.55 1.05 -5.27	31.19 1.10 -0.64	30.97 1.00 -0.58	31.01 0.96 -2.30	30.72 0.88 0.00	28.00 0.89 0.00
SENECA OSWGO___HYD 24041	34.18 -0.69 -0.20	24.60 -0.47 -2.48	14.05 -0.17 -6.35	25.85 -0.60 -0.74	19.94 -0.36 -5.02	32.72 -0.66 -3.77	43.94 -0.97 -0.63	39.47 -0.82 -0.68	31.19 -0.68 -0.77	28.63 -0.69 0.00	30.49 -0.77 0.00	28.68 -0.72 0.00	25.49 -0.64 0.00	28.01 -0.73 0.00	29.15 -0.71 0.00	31.19 -0.69 0.00	29.82 -0.61 -0.02	25.87 -0.45 -1.24	26.39 -0.54 -0.69	28.99 -0.54 -0.08	29.01 -0.47 -0.07	27.57 -0.47 -0.30	29.31 -0.54 0.00	26.65 -0.46 0.00
SENECA___115KV_TB3 355854	33.79 -1.18 -0.29	25.41 -0.89 -3.71	17.01 -0.33 -9.48	25.54 -1.28 -1.11	22.01 -0.76 -7.49	33.88 -1.36 -5.64	42.83 -2.39 -0.94	38.38 -2.25 -1.01	30.35 -1.88 -1.12	27.72 -1.60 0.00	29.55 -1.71 0.00	28.04 -1.36 0.00	25.00 -1.13 0.00	27.30 -1.44 0.00	28.26 -1.60 0.00	30.21 -1.67 0.00	28.62 -1.82 -0.03	25.30 -1.59 -1.80	25.35 -1.91 -1.02	27.52 -2.06 -0.12	27.64 -1.87 -0.11	26.52 -1.68 -0.45	28.59 -1.25 0.00	26.24 -0.87 0.00
SENECA___ENERGY 23797	34.47 -0.46 -0.25	25.48 -0.32 -3.22	15.98 -0.12 -8.23	26.20 -0.47 -0.96	21.53 -0.26 -6.51	34.12 -0.38 -4.90	44.43 -0.67 -0.81	39.93 -0.57 -0.88	31.57 -0.52 -0.99	28.70 -0.62 0.00	30.49 -0.78 0.00	28.70 -0.70 0.00	25.52 -0.61 0.00	28.04 -0.71 0.00	29.16 -0.71 0.00	31.34 -0.54 0.00	29.96 -0.49 -0.03	26.35 -0.34 -1.61	26.65 -0.49 -0.90	29.02 -0.53 -0.11	29.01 -0.49 -0.10	27.61 -0.52 -0.39	29.31 -0.54 0.00	26.69 -0.42 0.00
SHOEMAKER___GT 23640	37.22 1.44 -1.11	37.62 0.92 -14.12	44.31 0.31 -36.13	30.96 1.02 -4.23	44.41 0.57 -28.55	52.29 1.20 -21.48	49.85 2.00 -3.56	45.33 1.88 -3.83	36.73 1.40 -4.23	16.87 1.29 13.75	32.63 1.36 0.00	30.59 1.19 0.00	26.38 0.97 0.72	29.11 1.04 0.67	31.00 1.13 0.00	31.79 1.29 1.38	31.89 1.36 -0.11	33.27 1.25 -6.93	31.41 1.29 -3.89	31.27 1.36 -0.47	31.10 1.27 -0.42	30.60 1.17 -1.69	30.95 1.10 0.00	28.17 1.06 0.00

SHOEMAKR_138KV_BK 111 55601	37.19 1.41 -1.11	37.51 0.90 -14.02	44.07 0.31 -35.89	30.91 1.00 -4.20	44.21 0.57 -28.37	52.13 1.18 -21.34	49.81 1.99 -3.54	45.29 1.87 -3.81	36.69 1.39 -4.20	17.47 1.29 13.14	32.63 1.36 0.00	30.59 1.20 0.00	26.41 0.97 0.69	29.14 1.04 0.64	31.00 1.13 0.00	31.85 1.29 1.32	31.88 1.36 -0.11	33.22 1.25 -6.89	31.39 1.29 -3.86	31.25 1.34 -0.47	31.08 1.25 -0.42	30.57 1.15 -1.68	30.93 1.08 0.00	28.15 1.04 0.00
SHOREHAM_IC_1 23715	92.28 3.65 -53.96	54.27 2.35 -29.33	64.61 0.79 -55.95	32.88 2.55 -4.62	86.77 1.55 -69.93	84.87 3.18 -52.08	106.56 5.05 -57.22	134.03 4.69 -89.73	81.43 3.53 -46.80	46.21 3.15 -13.74	34.33 3.07 0.00	31.89 2.50 0.00	29.10 2.26 -0.72	31.59 2.60 -0.25	32.62 2.75 0.00	39.97 3.39 -4.70	36.37 3.45 -2.50	41.87 2.93 -13.87	36.33 3.17 -6.92	33.32 3.35 -0.52	33.04 3.18 -0.46	33.75 2.94 -3.07	50.62 3.03 -17.74	30.52 2.71 -0.70
SHOREHAM_IC_2 23716	92.28 3.65 -53.96	54.27 2.35 -29.33	64.61 0.79 -55.95	32.88 2.55 -4.62	86.77 1.55 -69.93	84.87 3.18 -52.08	106.56 5.05 -57.22	134.03 4.69 -89.73	81.43 3.53 -46.80	46.21 3.15 -13.74	34.33 3.07 0.00	31.89 2.50 0.00	29.10 2.26 -0.72	31.59 2.60 -0.25	32.62 2.75 0.00	39.97 3.39 -4.70	36.37 3.45 -2.50	41.87 2.93 -13.87	36.33 3.17 -6.92	33.32 3.35 -0.52	33.04 3.18 -0.46	33.75 2.94 -3.07	50.62 3.03 -17.74	30.52 2.71 -0.70
SISSONVILLE____ 23735	34.42 -0.29 -0.03	22.78 -0.19 -0.38	8.78 -0.07 -0.98	25.62 -0.20 -0.12	15.88 -0.18 -0.78	29.89 -0.30 -0.59	43.73 -0.66 -0.10	39.23 -0.48 -0.11	31.14 -0.07 -0.11	29.26 -0.06 0.00	31.12 -0.15 0.00	33.87 -0.07 -4.55	28.60 -0.05 -2.52	28.73 -0.02 0.00	29.76 -0.11 0.00	31.74 -0.14 0.00	29.94 -0.48 0.00	28.88 -0.69 -4.49	32.81 -0.68 -7.25	36.29 -0.76 -7.60	36.31 -0.75 -7.66	34.39 -0.74 -7.38	36.73 -0.76 -7.66	33.60 -0.74 -7.23
SITHE_IND_GS1 24169	33.81 -1.03 -0.17	24.07 -0.68 -2.16	13.17 -0.23 -5.54	25.53 -0.82 -0.65	19.16 -0.50 -4.38	31.93 -0.97 -3.30	43.33 -1.50 -0.55	38.87 -1.33 -0.59	30.68 -1.08 -0.65	28.29 -1.03 0.00	30.13 -1.14 0.00	28.35 -1.05 0.00	25.20 -0.92 0.00	27.70 -1.05 0.00	28.79 -1.07 0.00	30.80 -1.08 0.00	29.41 -1.02 -0.02	25.33 -0.81 -1.06	25.94 -0.89 -0.59	28.59 -0.93 -0.07	28.63 -0.83 -0.06	27.20 -0.80 -0.26	29.00 -0.84 0.00	26.38 -0.74 0.00
SITHE_IND_GS2 24170	33.81 -1.03 -0.17	24.07 -0.68 -2.16	13.17 -0.23 -5.54	25.53 -0.82 -0.65	19.16 -0.50 -4.38	31.93 -0.97 -3.30	43.33 -1.50 -0.55	38.87 -1.33 -0.59	30.68 -1.08 -0.65	28.29 -1.03 0.00	30.13 -1.14 0.00	28.35 -1.05 0.00	25.20 -0.92 0.00	27.70 -1.05 0.00	28.79 -1.07 0.00	30.80 -1.08 0.00	29.41 -1.02 -0.02	25.33 -0.81 -1.06	25.94 -0.89 -0.59	28.59 -0.93 -0.07	28.63 -0.83 -0.06	27.20 -0.80 -0.26	29.00 -0.84 0.00	26.38 -0.74 0.00
SITHE_IND_GS3 24171	33.81 -1.03 -0.17	24.07 -0.68 -2.16	13.17 -0.23 -5.54	25.53 -0.82 -0.65	19.16 -0.50 -4.38	31.93 -0.97 -3.30	43.33 -1.50 -0.55	38.87 -1.33 -0.59	30.68 -1.08 -0.65	28.29 -1.03 0.00	30.13 -1.14 0.00	28.35 -1.05 0.00	25.20 -0.92 0.00	27.70 -1.05 0.00	28.79 -1.07 0.00	30.80 -1.08 0.00	29.41 -1.02 -0.02	25.33 -0.81 -1.06	25.94 -0.89 -0.59	28.59 -0.93 -0.07	28.63 -0.83 -0.06	27.20 -0.80 -0.26	29.00 -0.84 0.00	26.38 -0.74 0.00
SITHE_IND_GS4 24172	33.81 -1.03 -0.17	24.07 -0.68 -2.16	13.17 -0.23 -5.54	25.53 -0.82 -0.65	19.16 -0.50 -4.38	31.93 -0.97 -3.30	43.33 -1.50 -0.55	38.87 -1.33 -0.59	30.68 -1.08 -0.65	28.29 -1.03 0.00	30.13 -1.14 0.00	28.35 -1.05 0.00	25.20 -0.92 0.00	27.70 -1.05 0.00	28.79 -1.07 0.00	30.80 -1.08 0.00	29.41 -1.02 -0.02	25.33 -0.81 -1.06	25.94 -0.89 -0.59	28.59 -0.93 -0.07	28.63 -0.83 -0.06	27.20 -0.80 -0.26	29.00 -0.84 0.00	26.38 -0.74 0.00
SITHE____BATAVIA 24024	34.32 -0.62 -0.27	25.45 -0.53 -3.40	16.35 -0.21 -8.70	25.90 -0.83 -1.02	21.65 -0.51 -6.87	33.97 -0.81 -5.17	43.72 -1.42 -0.86	39.21 -1.33 -0.93	30.98 -1.16 -1.03	28.22 -1.10 0.00	29.88 -1.38 0.00	28.27 -1.12 0.00	25.20 -0.93 0.00	27.60 -1.14 0.00	28.55 -1.31 0.00	30.74 -1.14 0.00	29.34 -1.10 -0.03	25.83 -0.92 -1.66	26.06 -1.11 -0.94	28.32 -1.24 -0.11	28.39 -1.11 -0.10	27.16 -0.99 -0.41	29.23 -0.62 0.00	26.76 -0.35 0.00
SITHE____INDEPEND 23800	33.82 -1.02 -0.17	24.07 -0.68 -2.16	13.17 -0.23 -5.54	25.53 -0.83 -0.65	19.16 -0.49 -4.38	31.93 -0.96 -3.30	43.33 -1.50 -0.55	38.87 -1.33 -0.59	30.68 -1.07 -0.65	28.28 -1.04 0.00	30.13 -1.14 0.00	28.35 -1.05 0.00	25.20 -0.92 0.00	27.70 -1.05 0.00	28.79 -1.07 0.00	30.80 -1.08 0.00	29.41 -1.02 -0.02	25.33 -0.81 -1.06	25.94 -0.89 -0.59	28.59 -0.93 -0.07	28.63 -0.83 -0.06	27.20 -0.80 -0.26	29.00 -0.84 0.00	26.37 -0.74 0.00
SITHE____MASSENA 23902	34.75 0.07 0.00	22.65 0.06 0.00	7.89 0.02 0.00	25.81 0.10 0.00	15.32 0.04 0.00	29.65 0.05 0.00	44.12 -0.16 0.00	39.51 -0.10 0.00	31.22 0.12 0.00	29.49 0.18 0.00	31.37 0.11 0.00	30.42 0.22 -0.80	26.80 0.23 -0.44	29.05 0.30 0.00	30.09 0.23 0.00	32.06 0.18 0.00	30.45 0.04 0.00	25.81 -0.08 -0.81	27.52 -0.05 -1.33	30.81 -0.05 -1.41	30.80 -0.02 -1.42	29.10 -0.01 -1.36	31.31 0.05 -1.42	28.33 -0.12 -1.34
SITHE____OGDNSBRG 24021	35.16 0.46 -0.02	23.20 0.30 -0.31	8.75 0.10 -0.78	26.17 0.37 -0.09	16.09 0.19 -0.62	30.49 0.44 -0.45	44.95 0.67 0.00	40.31 0.70 0.00	31.81 0.70 0.00	30.05 0.73 0.00	31.96 0.69 0.00	32.58 0.76 -2.43	28.15 0.68 -1.34	29.49 0.75 0.00	30.44 0.57 0.00	32.48 0.60 0.00	30.83 0.41 0.00	28.37 0.19 -3.09	31.44 0.23 -4.97	34.90 0.25 -5.20	34.90 0.26 -5.24	33.03 0.23 -5.05	35.34 0.26 -5.23	32.10 0.05 -4.94
SITHE____STERLING 23777	35.56 0.76 -0.13	24.67 0.48 -1.60	12.13 0.16 -4.10	26.69 0.50 -0.48	18.83 0.31 -3.24	32.77 0.73 -2.44	45.98 1.29 -0.40	41.34 1.31 -0.41	32.57 1.06 -0.41	30.12 0.80 0.00	32.01 0.75 0.00	30.00 0.60 0.00	26.62 0.49 0.00	29.23 0.49 0.00	30.43 0.56 0.00	32.62 0.74 0.00	31.17 0.74 -0.01	26.52 0.64 -0.79	27.30 0.61 -0.45	30.17 0.66 -0.05	30.11 0.66 -0.05	28.51 0.57 -0.20	30.38 0.53 0.00	27.60 0.49 0.00
SLEIGHT__34_KV_TB1 80719	34.15 -0.77 -0.25	25.17 -0.55 -3.13	15.67 -0.20 -8.00	25.88 -0.76 -0.94	21.16 -0.45 -6.32	33.64 -0.72 -4.76	43.91 -1.17 -0.79	39.43 -1.04 -0.85	31.15 -0.90 -0.95	28.43 -0.89 0.00	30.23 -1.03 0.00	28.51 -0.89 0.00	25.37 -0.76 0.00	27.82 -0.92 0.00	28.94 -0.93 0.00	31.05 -0.83 0.00	29.66 -0.78 -0.03	26.00 -0.63 -1.55	26.32 -0.79 -0.87	28.69 -0.86 -0.10	28.71 -0.79 -0.09	27.35 -0.77 -0.38	29.13 -0.72 0.00	26.54 -0.57 0.00
SOUTH CAIRO____GT 23612	39.02 2.91 -1.44	42.67 1.85 -18.23	55.15 0.63 -46.65	33.22 2.05 -5.46	53.40 1.24 -36.87	59.85 2.51 -27.74	52.76 3.88 -4.60	47.91 3.36 -4.95	39.08 2.52 -5.46	33.37 1.90 -2.15	33.16 1.89 0.00	31.01 1.61 0.00	27.64 1.40 -0.11	30.53 1.68 -0.10	31.91 2.04 0.00	34.49 2.40 -0.22	33.16 2.60 -0.15	36.23 2.19 -8.95	33.60 2.35 -5.02	32.68 2.62 -0.61	32.38 2.43 -0.55	32.12 2.19 -2.19	31.97 2.13 0.00	29.07 1.96 0.00

SOUTH HAMPTN___IC 23720	92.89 4.22 -53.99	54.64 2.72 -29.32	64.73 0.92 -55.95	33.30 2.98 -4.62	87.02 1.81 -69.93	85.34 3.70 -52.04	107.36 5.87 -57.20	134.83 5.44 -89.78	82.00 4.08 -46.82	46.69 3.63 -13.74	34.82 3.56 0.00	32.32 2.93 0.00	29.46 2.62 -0.72	32.02 3.04 -0.24	33.09 3.22 0.00	40.51 3.93 -4.69	36.92 4.01 -2.50	42.33 3.39 -13.86	36.81 3.65 -6.92	33.83 3.87 -0.52	33.54 3.67 -0.46	34.19 3.38 -3.06	51.08 3.49 -17.75	30.93 3.12 -0.70
SOUTHDOW_115KV_TB1 355954	35.08 0.10 -0.30	26.33 -0.10 -3.84	17.65 -0.05 -9.84	26.52 -0.34 -1.15	22.86 -0.20 -7.77	35.20 -0.25 -5.85	44.70 -0.56 -0.97	40.03 -0.63 -1.05	31.68 -0.59 -1.16	28.90 -0.42 0.00	30.82 -0.44 0.00	29.32 -0.07 0.00	26.11 -0.01 0.00	28.42 -0.32 0.00	29.30 -0.56 0.00	31.36 -0.52 0.00	29.64 -0.81 -0.03	26.27 -0.68 -1.87	26.29 -1.01 -1.06	28.53 -1.04 -0.13	28.62 -0.90 -0.12	27.48 -0.73 -0.46	29.43 -0.41 0.00	26.95 -0.16 0.00
SOUTHOLD_69_KV_BK 2 55809	93.34 4.67 -53.99	54.82 2.90 -29.32	64.84 1.03 -55.95	33.63 3.31 -4.62	87.22 2.01 -69.93	85.69 4.05 -52.04	108.01 6.53 -57.20	135.44 6.05 -89.77	82.45 4.52 -46.82	47.07 4.01 -13.74	35.18 3.92 0.00	32.63 3.24 0.00	29.71 2.87 -0.72	32.35 3.37 -0.24	33.45 3.58 0.00	40.92 4.34 -4.69	37.36 4.45 -2.50	42.72 3.77 -13.86	37.21 4.06 -6.92	34.26 4.30 -0.52	33.95 4.08 -0.46	34.56 3.75 -3.06	51.46 3.86 -17.75	31.25 3.45 -0.70
SOUTHOLD___IC 23719	93.34 4.68 -53.99	54.93 3.02 -29.32	64.83 1.02 -55.95	33.63 3.31 -4.62	87.22 2.01 -69.93	85.75 4.11 -52.04	108.01 6.52 -57.20	135.43 6.04 -89.77	82.44 4.51 -46.82	47.07 4.01 -13.74	35.18 3.92 0.00	32.63 3.24 0.00	29.71 2.87 -0.72	32.35 3.37 -0.24	33.44 3.58 0.00	40.92 4.34 -4.69	37.36 4.45 -2.50	42.72 3.78 -13.86	37.20 4.05 -6.92	34.27 4.31 -0.52	33.95 4.09 -0.46	34.56 3.75 -3.06	51.45 3.86 -17.75	31.26 3.45 -0.70
SOUTH_FORK_WT_PWR 323839	93.45 4.79 -53.99	55.00 3.09 -29.32	64.86 1.05 -55.95	33.72 3.39 -4.62	87.27 2.06 -69.93	85.85 4.21 -52.04	108.16 6.67 -57.20	135.57 6.17 -89.78	82.54 4.61 -46.82	47.15 4.09 -13.74	35.25 3.99 0.00	32.68 3.28 0.00	29.75 2.91 -0.72	32.42 3.44 -0.24	33.52 3.66 0.00	41.02 4.44 -4.69	37.45 4.54 -2.50	42.80 3.85 -13.86	37.28 4.13 -6.92	34.36 4.40 -0.52	34.04 4.18 -0.46	34.64 3.83 -3.06	51.54 3.95 -17.75	31.33 3.52 -0.70
SPIERFLS_115KV_TB 1 80737	37.54 1.31 -1.56	43.15 0.81 -19.76	58.70 0.26 -50.57	32.45 0.83 -5.92	55.78 0.54 -39.96	60.92 1.25 -30.07	51.38 2.10 -4.99	46.73 1.76 -5.36	38.34 1.33 -5.91	33.42 1.10 -3.00	32.35 1.08 0.00	30.29 0.89 0.00	27.05 0.76 -0.16	29.89 1.00 -0.15	31.12 1.25 0.00	33.47 1.28 -0.30	31.97 1.39 -0.16	36.00 1.22 -9.70	32.93 1.26 -5.44	31.40 1.29 -0.66	31.12 1.13 -0.59	31.22 1.10 -2.37	30.79 0.95 0.00	28.10 0.99 0.00
ST LAWRENCE___ 23600	34.30 -0.37 0.00	22.36 -0.23 0.00	7.79 -0.08 0.00	25.48 -0.23 0.00	15.13 -0.15 0.00	29.28 -0.32 0.00	43.66 -0.63 0.00	39.09 -0.53 0.00	30.79 -0.32 0.00	29.09 -0.23 0.00	31.01 -0.25 0.00	29.21 -0.19 0.00	26.01 -0.12 0.00	28.64 -0.09 0.00	29.70 -0.16 0.00	31.63 -0.25 0.00	30.09 -0.33 0.00	24.72 -0.36 0.00	25.91 -0.33 0.00	29.09 -0.36 0.00	29.06 -0.34 0.00	27.45 -0.30 0.00	29.60 -0.25 0.00	26.78 -0.33 0.00
STATE_CA_115KV_115_LB 55624	37.66 1.45 -1.53	42.90 0.94 -19.36	57.74 0.32 -49.55	32.55 1.04 -5.80	55.06 0.61 -39.16	60.27 1.20 -29.46	51.00 1.83 -4.89	46.36 1.49 -5.25	38.16 1.26 -5.79	33.51 1.09 -3.11	32.47 1.21 0.00	30.45 1.05 0.00	27.19 0.90 -0.16	29.98 1.08 -0.15	31.12 1.25 0.00	33.51 1.32 -0.31	31.87 1.30 -0.16	35.65 1.06 -9.50	32.72 1.15 -5.33	31.30 1.21 -0.65	31.06 1.07 -0.58	31.12 1.05 -2.32	30.79 0.94 0.00	28.06 0.95 0.00
STATE_ST_34_KV_LOAD 55959	35.04 0.11 -0.25	25.81 0.04 -3.19	16.05 0.02 -8.16	26.64 -0.03 -0.96	21.72 -0.02 -6.45	34.56 0.11 -4.85	45.08 -0.02 -0.81	40.46 -0.03 -0.88	31.99 -0.09 -0.98	29.10 -0.21 0.00	30.95 -0.31 0.00	29.15 -0.25 0.00	25.91 -0.22 0.00	28.47 -0.27 0.00	29.64 -0.23 0.00	31.77 -0.11 0.00	30.37 -0.07 -0.03	26.69 0.02 -1.59	27.05 -0.08 -0.89	29.49 -0.06 -0.11	29.49 -0.01 -0.10	28.08 -0.05 -0.39	29.78 -0.07 0.00	27.09 -0.02 0.00
STATION 5_MISC_HYD 23604	33.94 -0.98 -0.25	25.07 -0.70 -3.18	15.74 -0.26 -8.13	25.68 -0.98 -0.95	21.13 -0.58 -6.43	33.45 -0.99 -4.84	43.38 -1.70 -0.80	38.95 -1.53 -0.87	30.80 -1.26 -0.96	28.15 -1.17 0.00	29.96 -1.30 0.00	28.31 -1.09 0.00	25.21 -0.92 0.00	27.61 -1.13 0.00	28.63 -1.23 0.00	30.70 -1.18 0.00	29.27 -1.17 -0.03	25.68 -0.97 -1.57	25.97 -1.15 -0.88	28.27 -1.28 -0.11	28.35 -1.15 -0.10	27.10 -1.03 -0.38	29.03 -0.81 0.00	26.49 -0.62 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	34.49 -0.43 -0.25	25.42 -0.33 -3.16	15.83 -0.13 -8.09	26.12 -0.54 -0.95	21.37 -0.31 -6.40	33.97 -0.44 -4.81	44.33 -0.75 -0.80	39.83 -0.65 -0.87	31.47 -0.59 -0.96	28.68 -0.63 0.00	30.50 -0.77 0.00	28.76 -0.63 0.00	25.59 -0.54 0.00	28.06 -0.68 0.00	29.21 -0.66 0.00	31.45 -0.43 0.00	30.01 -0.43 -0.03	26.32 -0.33 -1.57	26.63 -0.49 -0.88	29.02 -0.53 -0.11	29.04 -0.46 -0.10	27.63 -0.49 -0.38	29.44 -0.41 0.00	26.82 -0.29 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	33.83 -1.09 -0.25	24.98 -0.77 -3.17	15.68 -0.28 -8.10	25.59 -1.06 -0.95	21.05 -0.63 -6.40	33.34 -1.08 -4.82	43.28 -1.80 -0.80	38.88 -1.60 -0.86	30.73 -1.33 -0.96	28.08 -1.24 0.00	29.90 -1.37 0.00	28.23 -1.17 0.00	25.13 -0.99 0.00	27.53 -1.21 0.00	28.53 -1.34 0.00	30.59 -1.29 0.00	29.17 -1.27 -0.03	25.59 -1.05 -1.56	25.88 -1.23 -0.88	28.20 -1.36 -0.11	28.26 -1.24 -0.09	27.03 -1.10 -0.38	28.91 -0.93 0.00	26.38 -0.73 0.00
STA_56___34_KV_BUS2 355983	33.83 -1.09 -0.25	24.98 -0.77 -3.17	15.68 -0.28 -8.10	25.59 -1.06 -0.95	21.05 -0.63 -6.40	33.34 -1.08 -4.82	43.28 -1.80 -0.80	38.88 -1.60 -0.86	30.73 -1.33 -0.96	28.08 -1.24 0.00	29.90 -1.37 0.00	28.23 -1.17 0.00	25.13 -0.99 0.00	27.53 -1.21 0.00	28.53 -1.34 0.00	30.59 -1.29 0.00	29.17 -1.27 -0.03	25.59 -1.05 -1.56	25.88 -1.23 -0.88	28.20 -1.36 -0.11	28.26 -1.24 -0.09	27.03 -1.10 -0.38	28.91 -0.93 0.00	26.38 -0.73 0.00
STA_67___115KV_BK2 355882	33.88 -1.04 -0.25	25.03 -0.74 -3.18	15.72 -0.27 -8.13	25.62 -1.04 -0.95	21.09 -0.61 -6.43	33.38 -1.05 -4.83	43.28 -1.81 -0.80	38.86 -1.62 -0.87	30.73 -1.34 -0.96	28.08 -1.24 0.00	29.89 -1.38 0.00	28.24 -1.16 0.00	25.14 -0.98 0.00	27.54 -1.21 0.00	28.57 -1.30 0.00	30.63 -1.26 0.00	29.19 -1.25 -0.03	25.61 -1.04 -1.56	25.89 -1.22 -0.88	28.21 -1.35 -0.11	28.27 -1.23 -0.10	27.03 -1.10 -0.38	28.95 -0.89 0.00	26.43 -0.68 0.00
STA_7___115KV_9TRANS 80674	34.12 -0.81 -0.25	25.17 -0.60 -3.18	15.78 -0.22 -8.13	25.78 -0.88 -0.95	21.19 -0.52 -6.43	33.58 -0.86 -4.84	43.61 -1.47 -0.80	39.18 -1.30 -0.87	30.96 -1.10 -0.96	28.30 -1.02 0.00	30.12 -1.15 0.00	28.45 -0.95 0.00	25.33 -0.80 0.00	27.73 -1.01 0.00	28.78 -1.09 0.00	30.87 -1.02 0.00	29.44 -1.00 -0.03	25.83 -0.82 -1.57	26.11 -1.00 -0.88	28.45 -1.11 -0.11	28.51 -0.99 -0.10	27.24 -0.88 -0.38	29.16 -0.68 0.00	26.62 -0.49 0.00

STA_82___115KV_TB1 80780	33.90 -1.02 -0.25	25.05 -0.73 -3.19	15.75 -0.27 -8.15	25.64 -1.02 -0.96	21.12 -0.60 -6.44	33.41 -1.04 -4.85	43.32 -1.77 -0.81	38.90 -1.59 -0.87	30.75 -1.32 -0.97	28.10 -1.22 0.00	29.90 -1.36 0.00	28.25 -1.14 0.00	25.16 -0.97 0.00	27.55 -1.19 0.00	28.58 -1.29 0.00	30.64 -1.23 0.00	29.21 -1.23 -0.03	25.63 -1.02 -1.57	25.91 -1.21 -0.88	28.23 -1.32 -0.11	28.29 -1.21 -0.10	27.05 -1.08 -0.38	28.97 -0.87 0.00	26.45 -0.66 0.00
STEEL___WIND 323596	33.70 -1.27 -0.29	25.37 -0.92 -3.71	17.00 -0.35 -9.48	25.50 -1.32 -1.11	21.99 -0.79 -7.49	33.82 -1.43 -5.64	42.75 -2.47 -0.94	38.29 -2.33 -1.01	30.30 -1.93 -1.12	27.67 -1.65 0.00	29.47 -1.79 0.00	27.97 -1.42 0.00	24.94 -1.18 0.00	27.26 -1.48 0.00	28.21 -1.66 0.00	30.15 -1.73 0.00	28.56 -1.88 -0.03	25.24 -1.64 -1.80	25.30 -1.96 -1.02	27.44 -2.13 -0.12	27.56 -1.95 -0.11	26.45 -1.74 -0.45	28.54 -1.31 0.00	26.19 -0.92 0.00
STEPHTWN_115KV_BK_2 55603	37.92 1.73 -1.51	42.88 1.11 -19.18	57.36 0.39 -49.11	32.62 1.17 -5.75	54.85 0.76 -38.81	60.27 1.47 -29.20	51.42 2.29 -4.84	46.82 2.00 -5.21	38.33 1.48 -5.74	33.69 1.24 -3.13	32.62 1.35 0.00	30.60 1.20 0.00	27.30 1.01 -0.16	30.17 1.27 -0.15	31.30 1.43 0.00	33.72 1.53 -0.31	32.12 1.55 -0.15	35.81 1.31 -9.42	32.93 1.41 -5.28	31.65 1.56 -0.64	31.34 1.36 -0.58	31.36 1.32 -2.30	31.03 1.18 0.00	28.29 1.18 0.00
STEBEN_REC_LFGE 323667	33.26 -1.77 -0.35	25.80 -1.22 -4.44	18.79 -0.43 -11.35	25.58 -1.46 -1.33	23.48 -0.78 -8.97	35.24 -1.11 -6.75	43.57 -1.83 -1.12	38.82 -2.00 -1.21	30.53 -1.92 -1.34	27.41 -1.91 0.00	29.34 -1.92 0.00	27.63 -1.77 0.00	24.40 -1.73 0.00	26.67 -2.07 0.00	28.14 -1.73 0.00	30.23 -1.65 0.00	28.52 -1.93 -0.04	25.68 -1.67 -2.26	25.32 -2.14 -1.23	27.17 -2.43 -0.15	27.31 -2.23 -0.13	26.09 -2.19 -0.53	27.57 -2.28 0.00	25.14 -1.97 0.00
STILLWATER___SOLAR 323814	38.12 1.89 -1.55	43.47 1.22 -19.66	58.60 0.41 -50.32	32.93 1.33 -5.89	55.86 0.81 -39.77	61.21 1.69 -29.92	51.94 2.69 -4.96	47.30 2.36 -5.33	38.77 1.78 -5.88	33.88 1.52 -3.04	32.83 1.56 0.00	30.74 1.35 0.00	27.46 1.17 -0.16	30.31 1.42 -0.15	31.51 1.64 0.00	33.96 1.78 -0.30	32.40 1.83 -0.16	36.29 1.55 -9.65	33.26 1.61 -5.41	31.83 1.73 -0.66	31.57 1.58 -0.59	31.62 1.52 -2.36	31.27 1.43 0.00	28.52 1.41 0.00
STONY___BROOK 24151	91.99 3.43 -53.88	54.15 2.22 -29.33	64.57 0.75 -55.95	32.73 2.40 -4.62	86.67 1.46 -69.93	84.77 2.97 -52.21	106.30 4.76 -57.26	133.62 4.41 -89.60	81.20 3.36 -46.73	46.07 3.01 -13.74	34.24 2.97 0.00	31.84 2.44 0.00	29.04 2.20 -0.72	31.54 2.54 -0.26	32.51 2.65 0.00	39.82 3.23 -4.71	36.21 3.29 -2.51	41.73 2.77 -13.88	36.18 3.01 -6.93	33.13 3.17 -0.52	32.88 3.02 -0.46	33.70 2.89 -3.07	50.64 3.06 -17.73	30.55 2.74 -0.71
STURGEON_POOL_HYD 23609	37.79 1.84 -1.27	39.85 1.15 -16.11	49.49 0.39 -41.23	31.81 1.27 -4.83	48.61 0.74 -32.59	55.66 1.54 -24.52	50.97 2.61 -4.07	46.47 2.49 -4.37	37.80 1.87 -4.82	31.09 1.78 0.00	33.12 1.86 0.00	31.03 1.63 0.00	27.46 1.34 0.00	30.20 1.45 0.00	31.44 1.58 0.00	33.63 1.75 0.00	32.34 1.80 -0.13	34.57 1.58 -7.91	32.30 1.62 -4.43	31.75 1.77 -0.54	31.55 1.66 -0.48	31.19 1.52 -1.93	31.31 1.46 0.00	28.49 1.38 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	37.34 1.53 -1.14	37.99 0.98 -14.42	45.11 0.33 -36.91	31.13 1.10 -4.32	45.08 0.62 -29.17	52.86 1.31 -21.95	50.14 2.21 -3.64	45.60 2.07 -3.91	36.98 1.55 -4.32	14.99 1.43 15.77	32.81 1.55 0.00	30.77 1.37 0.00	26.41 1.11 0.82	29.16 1.19 0.76	31.16 1.29 0.00	31.74 1.44 1.58	32.04 1.51 -0.12	33.55 1.39 -7.08	31.65 1.44 -3.97	31.41 1.48 -0.48	31.22 1.39 -0.43	30.73 1.26 -1.73	31.02 1.18 0.00	28.24 1.13 0.00
SWANROAD_115KV_TB1 355699	32.80 -2.16 -0.28	24.57 -1.57 -3.55	16.36 -0.58 -9.08	24.77 -2.00 -1.07	21.24 -1.22 -7.18	32.69 -2.31 -5.40	41.30 -3.88 -0.90	36.86 -3.72 -0.97	29.24 -2.94 -1.07	26.72 -2.60 0.00	28.42 -2.84 0.00	26.97 -2.43 0.00	24.09 -2.04 0.00	26.30 -2.44 0.00	27.21 -2.66 0.00	29.10 -2.78 0.00	27.61 -2.83 -0.03	24.34 -2.47 -1.73	24.47 -2.75 -0.98	26.53 -3.04 -0.12	26.65 -2.85 -0.11	25.64 -2.54 -0.43	27.76 -2.08 0.00	25.59 -1.52 0.00
SYNERGY___BIOGAS 323694	34.32 -0.62 -0.27	25.45 -0.53 -3.40	16.35 -0.21 -8.70	25.90 -0.83 -1.02	21.65 -0.51 -6.87	33.97 -0.81 -5.17	43.72 -1.42 -0.86	39.21 -1.33 -0.93	30.98 -1.16 -1.03	28.22 -1.10 0.00	29.88 -1.38 0.00	28.27 -1.12 0.00	25.20 -0.93 0.00	27.60 -1.14 0.00	28.55 -1.31 0.00	30.74 -1.14 0.00	29.34 -1.10 -0.03	25.83 -0.92 -1.66	26.06 -1.11 -0.94	28.32 -1.24 -0.11	28.39 -1.11 -0.10	27.16 -0.99 -0.41	29.23 -0.62 0.00	26.76 -0.35 0.00
SYRACUSE___ENERGY_ST1 323597	34.71 -0.19 -0.22	25.27 -0.14 -2.83	15.05 -0.05 -7.24	26.32 -0.23 -0.85	20.87 -0.14 -5.72	33.69 -0.22 -4.30	44.68 -0.32 -0.71	40.17 -0.20 -0.75	31.73 -0.22 -0.85	29.06 -0.26 0.00	30.95 -0.32 0.00	29.12 -0.27 0.00	25.88 -0.25 0.00	28.44 -0.30 0.00	29.61 -0.25 0.00	31.69 -0.19 0.00	30.27 -0.16 -0.02	26.38 -0.07 -1.37	26.86 -0.15 -0.76	29.42 -0.12 -0.09	29.44 -0.05 -0.08	27.99 -0.09 -0.33	29.73 -0.12 0.00	27.03 -0.08 0.00
SYRACUSE___ENERGY_ST2 323598	34.71 -0.19 -0.22	25.27 -0.14 -2.83	15.05 -0.05 -7.24	26.32 -0.23 -0.85	20.87 -0.14 -5.72	33.69 -0.22 -4.30	44.68 -0.32 -0.71	40.17 -0.20 -0.75	31.73 -0.22 -0.85	29.06 -0.26 0.00	30.95 -0.32 0.00	29.12 -0.27 0.00	25.88 -0.25 0.00	28.44 -0.30 0.00	29.61 -0.25 0.00	31.69 -0.19 0.00	30.27 -0.16 -0.02	26.38 -0.07 -1.37	26.86 -0.15 -0.76	29.42 -0.12 -0.09	29.44 -0.05 -0.08	27.99 -0.09 -0.33	29.73 -0.12 0.00	27.03 -0.08 0.00
SYRACUSE___POWER 24017	34.74 -0.16 -0.23	25.34 -0.13 -2.88	15.19 -0.05 -7.37	26.35 -0.22 -0.86	20.97 -0.14 -5.82	33.78 -0.21 -4.38	44.74 -0.28 -0.73	40.18 -0.23 -0.79	31.75 -0.24 -0.89	29.03 -0.29 0.00	30.91 -0.35 0.00	29.09 -0.30 0.00	25.85 -0.28 0.00	28.40 -0.35 0.00	29.56 -0.31 0.00	31.66 -0.22 0.00	30.25 -0.19 -0.02	26.42 -0.10 -1.43	26.86 -0.18 -0.80	29.38 -0.16 -0.10	29.38 -0.10 -0.09	27.97 -0.13 -0.35	29.69 -0.16 0.00	27.01 -0.10 0.00
TALLMAN___138KV_BK151 55660	37.42 1.58 -1.17	38.39 1.01 -14.80	46.09 0.35 -37.87	31.28 1.14 -4.44	45.85 0.64 -29.93	53.48 1.36 -22.52	50.33 2.30 -3.74	45.79 2.16 -4.01	37.16 1.63 -4.43	9.91 1.51 20.92	32.94 1.68 0.00	30.89 1.49 0.00	26.23 1.19 1.09	29.00 1.27 1.02	31.23 1.36 0.00	31.29 1.51 2.10	32.12 1.58 -0.12	33.81 1.46 -7.27	31.83 1.52 -4.07	31.48 1.54 -0.49	31.28 1.44 -0.45	30.81 1.29 -1.78	31.08 1.23 0.00	28.29 1.18 0.00
TEALLAVE_115KV_TB7 355573	34.49 -0.39 -0.21	24.92 -0.27 -2.61	14.44 -0.10 -6.67	26.11 -0.38 -0.78	20.33 -0.23 -5.27	33.17 -0.40 -3.97	44.36 -0.58 -0.66	39.81 -0.52 -0.72	31.44 -0.47 -0.81	28.83 -0.49 0.00	30.72 -0.55 0.00	28.91 -0.49 0.00	25.68 -0.44 0.00	28.22 -0.52 0.00	29.38 -0.48 0.00	31.45 -0.43 0.00	30.05 -0.38 -0.02	26.11 -0.26 -1.29	26.61 -0.35 -0.72	29.18 -0.35 -0.09	29.19 -0.29 -0.08	27.76 -0.30 -0.31	29.51 -0.33 0.00	26.85 -0.26 0.00

TELGRAPH_34_KV_EAST 80808	33.58 -1.37 -0.27	25.02 -1.03 -3.46	16.34 -0.39 -8.86	25.35 -1.40 -1.04	21.43 -0.85 -7.00	33.35 -1.53 -5.27	42.55 -2.61 -0.88	38.08 -2.48 -0.94	30.15 -2.01 -1.05	27.54 -1.78 0.00	29.25 -2.01 0.00	27.73 -1.67 0.00	24.73 -1.40 0.00	27.04 -1.70 0.00	27.98 -1.89 0.00	29.98 -1.90 0.00	28.51 -1.93 -0.03	25.10 -1.67 -1.69	25.27 -1.93 -0.96	27.44 -2.12 -0.12	27.55 -1.96 -0.10	26.42 -1.75 -0.42	28.52 -1.33 0.00	26.19 -0.92 0.00
TEMPLE___115KV_TB 2 55572	34.52 -0.36 -0.21	24.96 -0.26 -2.63	14.51 -0.09 -6.74	26.13 -0.37 -0.79	20.39 -0.21 -5.33	33.23 -0.38 -4.01	44.38 -0.57 -0.66	39.85 -0.49 -0.72	31.48 -0.45 -0.82	28.86 -0.46 0.00	30.75 -0.52 0.00	28.94 -0.46 0.00	25.71 -0.42 0.00	28.26 -0.49 0.00	29.41 -0.45 0.00	31.48 -0.40 0.00	30.08 -0.36 -0.02	26.14 -0.25 -1.30	26.64 -0.33 -0.73	29.20 -0.33 -0.09	29.22 -0.27 -0.08	27.78 -0.28 -0.32	29.54 -0.31 0.00	26.87 -0.24 0.00
TIANA___69_KV_BK 1 55817	92.73 4.06 -53.99	54.43 2.51 -29.32	64.71 0.90 -55.95	33.19 2.86 -4.62	86.94 1.73 -69.93	85.14 3.50 -52.04	107.15 5.66 -57.20	134.65 5.26 -89.77	81.85 3.93 -46.82	46.56 3.50 -13.74	34.69 3.42 0.00	32.21 2.81 0.00	29.37 2.52 -0.72	31.90 2.91 -0.24	32.96 3.09 0.00	40.36 3.78 -4.69	36.78 3.87 -2.50	42.21 3.27 -13.86	36.70 3.54 -6.92	33.70 3.74 -0.52	33.41 3.54 -0.46	34.08 3.27 -3.06	50.96 3.37 -17.75	30.82 3.01 -0.70
TILDEN___115KV_TB1 80814	34.74 -0.16 -0.23	25.34 -0.13 -2.88	15.19 -0.05 -7.37	26.35 -0.22 -0.86	20.97 -0.14 -5.82	33.78 -0.21 -4.38	44.74 -0.28 -0.73	40.18 -0.23 -0.79	31.75 -0.24 -0.89	29.03 -0.29 0.00	30.91 -0.35 0.00	29.09 -0.30 0.00	25.85 -0.28 0.00	28.40 -0.35 0.00	29.56 -0.31 0.00	31.66 -0.22 0.00	30.25 -0.19 -0.02	26.42 -0.10 -1.43	26.86 -0.18 -0.80	29.38 -0.16 -0.10	29.38 -0.10 -0.09	27.97 -0.13 -0.35	29.69 -0.16 0.00	27.01 -0.10 0.00
TRIGEN___CC 323695	75.95 2.59 -38.68	54.21 1.61 -30.01	64.09 0.58 -55.64	32.19 1.84 -4.64	85.73 1.09 -69.36	104.18 2.19 -72.39	110.94 3.64 -63.01	107.92 3.36 -64.95	68.25 2.56 -34.59	45.37 2.30 -13.74	33.65 2.38 0.00	31.43 2.03 0.00	28.64 1.79 -0.72	33.65 2.07 -2.83	31.96 2.09 0.00	41.16 2.45 -6.83	37.19 2.45 -4.33	44.13 2.09 -16.96	36.96 2.21 -8.51	32.29 2.32 -0.52	32.07 2.21 -0.46	33.78 2.04 -4.00	44.50 2.05 -12.61	31.16 1.89 -2.16
TRINITY___115KV__ 4 BK 55933	37.52 1.33 -1.52	42.69 0.87 -19.22	57.36 0.29 -49.20	32.42 0.95 -5.76	54.73 0.57 -38.88	59.96 1.10 -29.26	50.79 1.65 -4.85	46.16 1.33 -5.21	37.99 1.13 -5.75	33.43 0.98 -3.14	32.36 1.10 0.00	30.35 0.95 0.00	27.09 0.80 -0.16	29.87 0.97 -0.15	30.99 1.12 0.00	33.36 1.17 -0.31	31.73 1.16 -0.15	35.46 0.94 -9.44	32.56 1.03 -5.29	31.16 1.07 -0.64	30.93 0.95 -0.58	30.99 0.94 -2.31	30.68 0.84 0.00	27.97 0.86 0.00
UNION___PROCESSING_DRP 323587	33.92 -1.01 -0.25	25.05 -0.72 -3.19	15.76 -0.27 -8.16	25.65 -1.01 -0.96	21.13 -0.60 -6.45	33.43 -1.03 -4.85	43.33 -1.76 -0.81	38.90 -1.58 -0.87	30.76 -1.31 -0.97	28.10 -1.21 0.00	29.91 -1.36 0.00	28.26 -1.14 0.00	25.17 -0.96 0.00	27.56 -1.18 0.00	28.58 -1.29 0.00	30.65 -1.23 0.00	29.22 -1.22 -0.03	25.64 -1.02 -1.57	25.92 -1.20 -0.88	28.24 -1.32 -0.11	28.29 -1.20 -0.10	27.06 -1.07 -0.38	28.98 -0.87 0.00	26.46 -0.65 0.00
UPPER HUDSON___HYD 24058	37.54 1.31 -1.56	43.15 0.81 -19.76	58.70 0.26 -50.57	32.45 0.83 -5.92	55.78 0.54 -39.96	60.92 1.25 -30.07	51.38 2.10 -4.99	46.73 1.76 -5.36	38.34 1.33 -5.91	33.42 1.10 -3.00	32.35 1.08 0.00	30.30 0.90 0.00	27.05 0.76 -0.16	29.89 1.00 -0.15	31.12 1.25 0.00	33.46 1.29 -0.30	31.97 1.39 -0.16	36.00 1.22 -9.70	32.93 1.26 -5.44	31.40 1.30 -0.66	31.12 1.13 -0.59	31.21 1.10 -2.37	30.79 0.94 0.00	28.10 0.99 0.00
UPPER RAQUET___HYD 24056	34.42 -0.29 -0.03	22.78 -0.19 -0.38	8.78 -0.07 -0.98	25.62 -0.20 -0.12	15.88 -0.18 -0.78	29.89 -0.30 -0.59	43.73 -0.66 -0.10	39.24 -0.48 -0.11	31.14 -0.07 -0.11	29.26 -0.06 0.00	31.12 -0.15 -4.55	33.88 -0.07 -2.52	28.60 -0.05 0.00	28.73 -0.02 0.00	29.76 -0.10 0.00	31.74 -0.14 0.00	29.94 -0.48 0.00	28.89 -0.68 -4.49	32.81 -0.68 -7.25	36.29 -0.76 -7.60	36.31 -0.75 -7.66	34.39 -0.74 -7.38	36.73 -0.76 -7.66	33.60 -0.74 -7.23
VALLEY44_115KV_TB2 355964	35.19 0.21 -0.31	26.55 0.07 -3.89	17.83 0.01 -9.95	26.74 -0.13 -1.17	23.11 -0.05 -7.87	35.26 -0.26 -5.92	44.49 -0.78 -0.98	39.94 -0.73 -1.06	31.39 -0.89 -1.18	28.70 -0.62 0.00	30.84 -0.43 0.00	29.34 -0.05 0.00	26.16 0.04 0.00	28.51 -0.23 0.00	29.64 -0.23 0.00	31.61 -0.27 0.00	29.92 -0.52 -0.03	26.48 -0.50 -1.89	26.37 -0.94 -1.07	28.65 -0.93 -0.13	28.88 -0.64 -0.12	27.75 -0.46 -0.47	29.79 -0.06 0.00	27.27 0.16 0.00
VALLEY___115KV_TB 1-4 80826	35.43 0.73 -0.03	23.42 0.46 -0.37	9.00 0.17 -0.96	26.37 0.55 -0.11	16.35 0.31 -0.76	30.89 0.72 -0.57	45.67 1.29 -0.09	40.84 1.13 -0.10	31.99 0.79 -0.10	29.91 0.59 0.00	31.79 0.52 0.00	29.78 0.38 0.00	26.35 0.22 0.00	29.07 0.33 0.00	30.36 0.49 0.00	32.47 0.59 0.00	31.02 0.61 0.00	25.88 0.61 -0.19	27.00 0.65 -0.11	30.03 0.57 -0.01	29.87 0.46 -0.01	28.19 0.40 -0.05	30.15 0.30 0.00	27.35 0.24 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	36.90 1.66 -0.57	30.80 1.04 -7.17	26.58 0.35 -18.36	28.98 1.12 -2.15	30.44 0.65 -14.51	41.90 1.38 -10.92	48.27 2.17 -1.81	43.58 2.02 -1.95	34.77 1.51 -2.15	30.68 1.36 0.00	32.62 1.36 0.00	30.66 1.26 0.00	27.18 1.05 0.00	29.83 1.08 0.00	31.04 1.17 0.00	33.21 1.33 0.00	31.81 1.34 -0.06	29.78 1.17 -3.53	29.39 1.17 -1.98	31.00 1.31 -0.24	30.87 1.25 -0.22	29.72 1.12 -0.86	30.94 1.10 0.00	28.14 1.03 0.00
VISCHER___FERRY HYD 24020	37.95 1.74 -1.53	43.12 1.15 -19.38	57.87 0.39 -49.61	32.78 1.26 -5.81	55.24 0.75 -39.21	60.60 1.50 -29.50	51.51 2.33 -4.89	46.91 2.04 -5.26	38.47 1.57 -5.80	33.88 1.39 -3.17	32.77 1.50 0.00	30.68 1.29 0.00	27.40 1.11 -0.16	30.23 1.33 -0.15	31.38 1.51 0.00	33.80 1.60 -0.32	32.16 1.59 -0.16	35.93 1.33 -9.52	32.97 1.40 -5.33	31.57 1.48 -0.65	31.32 1.34 -0.58	31.40 1.33 -2.33	31.07 1.23 0.00	28.37 1.26 0.00
V_A_10_SYNC_DSASP 323832	32.98 -1.96 -0.26	24.62 -1.32 -3.36	15.97 -0.48 -8.59	24.98 -1.74 -1.01	21.03 -1.04 -6.78	32.79 -1.92 -5.11	41.83 -3.31 -0.85	37.45 -3.08 -0.91	29.65 -2.47 -1.02	27.13 -2.19 0.00	28.91 -2.36 0.00	27.40 -2.00 0.00	24.45 -1.68 0.00	26.73 -2.01 0.00	27.70 -2.17 0.00	29.63 -2.26 0.00	28.12 -2.32 -0.03	24.75 -1.97 -1.64	24.93 -2.24 -0.93	27.07 -2.49 -0.11	27.19 -2.31 -0.10	26.11 -2.04 -0.40	28.14 -1.70 0.00	25.79 -1.32 0.00
V_CMM_10_SYNC_DSASP 323787	34.45 -0.22 0.00	22.46 -0.13 0.00	7.82 -0.04 0.00	25.60 -0.11 0.00	15.21 -0.08 0.00	29.42 -0.18 0.00	43.87 -0.41 0.00	39.27 -0.34 0.00	30.94 -0.17 0.00	29.23 -0.09 0.00	31.17 -0.10 0.00	29.35 -0.05 0.00	26.12 0.00 0.00	28.79 0.05 0.00	29.85 -0.02 0.00	31.78 -0.10 0.00	30.24 -0.18 0.00	24.84 -0.24 0.00	26.04 -0.20 0.00	29.23 -0.22 0.00	29.21 -0.19 0.00	27.58 -0.16 0.00	29.74 -0.11 0.00	26.90 -0.21 0.00

V_CMP_10_SYNC_DSASP 323788	34.18 -0.49 0.00	22.33 -0.26 0.00	7.76 -0.11 0.00	25.37 -0.34 0.00	15.07 -0.21 0.00	29.18 -0.42 0.00	43.36 -0.92 0.00	38.73 -0.89 0.00	30.62 -0.48 0.00	28.84 -0.48 0.00	30.83 -0.43 0.00	0.48 -0.75 28.16	9.87 -0.67 15.58	28.42 -0.32 0.00	29.95 0.08 0.00	31.56 -0.32 0.00	30.13 -0.28 0.00	-3.40 -0.81 27.66	-21.12 -0.90 46.46	-21.16 -1.02 49.58	-21.51 -0.94 49.97	-20.97 -0.81 47.91	-20.95 -0.77 50.03	-20.93 -0.78 47.26
V_D_10_SYNC_DSASP 323841	32.15 -2.81 -0.28	24.24 -1.90 -3.55	16.27 -0.69 -9.09	24.37 -2.41 -1.07	20.99 -1.48 -7.19	32.28 -2.72 -5.41	40.62 -4.57 -0.90	36.32 -4.26 -0.97	28.85 -3.33 -1.08	26.38 -2.94 0.00	28.06 -3.21 0.00	26.64 -2.76 0.00	23.80 -2.32 0.00	25.99 -2.75 0.00	26.88 -2.99 0.00	28.72 -3.16 0.00	27.24 -3.20 -0.03	24.02 -2.79 -1.73	24.15 -3.07 -0.98	26.14 -3.42 -0.12	26.29 -3.22 -0.11	25.30 -2.87 -0.43	27.46 -2.38 0.00	25.24 -1.87 0.00
V_E_10_SYNC_DSASP 323830	37.67 2.55 -0.45	29.86 1.60 -5.67	22.92 0.54 -14.51	29.20 1.79 -1.70	27.86 1.11 -11.47	40.55 2.32 -8.63	49.72 4.00 -1.43	45.03 3.87 -1.54	35.69 2.88 -1.71	31.69 2.37 0.00	33.36 2.10 0.00	31.32 1.92 0.00	27.70 1.57 0.00	30.38 1.64 0.00	31.72 1.85 0.00	34.01 2.13 0.00	32.46 2.00 -0.05	29.60 1.71 -2.80	29.48 1.67 -1.57	31.49 1.85 -0.19	31.22 1.65 -0.17	29.76 1.33 -0.68	31.08 1.23 0.00	28.16 1.05 0.00
V_F_30_NSYNC_DSASP 323816	38.15 1.93 -1.55	43.54 1.24 -19.70	58.72 0.42 -50.43	32.97 1.35 -5.91	55.96 0.82 -39.85	61.31 1.72 -29.98	52.01 2.75 -4.97	47.36 2.40 -5.35	38.81 1.81 -5.90	33.90 1.56 -3.02	32.88 1.62 0.00	30.80 1.40 0.00	27.50 1.22 -0.16	30.35 1.46 -0.15	31.56 1.69 0.00	34.01 1.82 -0.30	32.44 1.87 -0.16	36.34 1.59 -9.67	33.31 1.64 -5.42	31.87 1.76 -0.66	31.61 1.62 -0.59	31.66 1.55 -2.36	31.31 1.46 0.00	28.55 1.44 0.00
V_F_30_SYNC_DSASP 323786	37.65 1.45 -1.53	42.88 0.94 -19.35	57.71 0.32 -49.53	32.54 1.03 -5.80	55.04 0.61 -39.14	60.25 1.20 -29.45	51.00 1.83 -4.88	46.36 1.49 -5.25	38.15 1.26 -5.79	33.51 1.08 -3.11	32.47 1.20 0.00	30.45 1.05 0.00	27.19 0.90 -0.16	29.98 1.08 -0.15	31.11 1.24 0.00	33.50 1.31 -0.31	31.87 1.30 -0.16	35.65 1.06 -9.50	32.71 1.15 -5.33	31.30 1.21 -0.65	31.05 1.07 -0.58	31.11 1.05 -2.32	30.78 0.94 0.00	28.06 0.95 0.00
V_XM_10_SYNC_DSASP 323789	34.18 -0.49 0.00	22.33 -0.26 0.00	7.76 -0.11 0.00	25.37 -0.34 0.00	15.07 -0.21 0.00	29.18 -0.42 0.00	43.36 -0.92 0.00	38.73 -0.89 0.00	30.62 -0.48 0.00	28.84 -0.48 0.00	30.83 -0.43 0.00	0.48 -0.75 28.16	9.87 -0.67 15.58	28.42 -0.32 0.00	29.95 0.08 0.00	31.56 -0.32 0.00	30.13 -0.28 0.00	-3.40 -0.81 27.66	-21.12 -0.90 46.46	-21.16 -1.02 49.58	-21.51 -0.94 49.97	-20.97 -0.81 47.91	-20.95 -0.77 50.03	-20.93 -0.78 47.26
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	37.53 1.68 -1.17	38.54 1.07 -14.88	46.33 0.37 -38.09	31.37 1.20 -4.46	46.07 0.68 -30.10	53.69 1.44 -22.65	50.48 2.43 -3.76	45.94 2.29 -4.04	37.29 1.74 -4.46	8.80 1.60 22.12	33.04 1.77 0.00	30.98 1.58 0.00	26.25 1.28 1.15	29.04 1.37 1.07	31.35 1.48 0.00	31.29 1.63 2.22	32.23 1.69 -0.12	33.94 1.56 -7.31	31.94 1.61 -4.10	31.59 1.65 -0.50	31.39 1.54 -0.45	30.93 1.40 -1.79	31.17 1.33 0.00	28.37 1.26 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	37.83 1.94 -1.22	39.26 1.25 -15.41	47.76 0.44 -39.46	31.72 1.39 -4.62	47.26 0.80 -31.18	54.69 1.62 -23.46	50.93 2.75 -3.89	46.46 2.67 -4.18	37.79 2.07 -4.61	45.16 1.98 -13.86	33.46 2.19 0.00	31.36 1.97 0.00	28.44 1.59 -0.72	31.13 1.71 -0.67	31.70 1.84 0.00	35.28 2.01 -1.39	32.60 2.06 -0.12	34.45 1.80 -7.57	32.36 1.88 -4.24	31.90 1.94 -0.52	31.66 1.79 -0.46	31.20 1.61 -1.85	31.36 1.51 0.00	28.56 1.45 0.00
W50THST__13_KV_LOAD 356117	38.11 2.22 -1.22	39.43 1.42 -15.41	47.82 0.50 -39.46	31.91 1.58 -4.62	47.37 0.91 -31.18	54.91 1.85 -23.46	51.32 3.14 -3.89	46.85 3.05 -4.18	38.12 2.40 -4.61	45.49 2.31 -13.86	33.83 2.57 0.00	31.72 2.32 0.00	28.77 1.92 -0.72	31.48 2.07 -0.67	32.07 2.21 0.00	35.67 2.40 -1.39	32.98 2.44 -0.12	34.74 2.09 -7.57	32.64 2.15 -4.24	32.19 2.23 -0.52	31.94 2.07 -0.46	31.45 1.85 -1.85	31.62 1.77 0.00	28.77 1.66 0.00
WADING RIVER_IC_1 23522	92.30 3.63 -54.00	54.25 2.34 -29.32	64.60 0.79 -55.95	32.87 2.54 -4.62	86.76 1.55 -69.92	84.78 3.16 -52.02	106.51 5.03 -57.19	134.06 4.65 -89.79	81.44 3.51 -46.83	46.20 3.14 -13.74	34.33 3.07 0.00	31.90 2.50 0.00	29.10 2.26 -0.72	31.58 2.60 -0.24	32.61 2.75 0.00	39.97 3.39 -4.69	36.35 3.44 -2.50	41.84 2.90 -13.86	36.31 3.16 -6.92	33.30 3.34 -0.52	33.03 3.17 -0.46	33.74 2.93 -3.06	50.63 3.03 -17.75	30.52 2.72 -0.70
WADING RIVER_IC_2 23547	92.30 3.63 -54.00	54.25 2.34 -29.32	64.60 0.79 -55.95	32.87 2.54 -4.62	86.76 1.55 -69.92	84.78 3.16 -52.02	106.51 5.03 -57.19	134.06 4.65 -89.79	81.44 3.51 -46.83	46.20 3.14 -13.74	34.33 3.07 0.00	31.90 2.50 0.00	29.10 2.26 -0.72	31.58 2.60 -0.24	32.61 2.75 0.00	39.97 3.39 -4.69	36.35 3.44 -2.50	41.84 2.90 -13.86	36.31 3.16 -6.92	33.30 3.34 -0.52	33.03 3.17 -0.46	33.74 2.93 -3.06	50.63 3.03 -17.75	30.52 2.72 -0.70
WADING RIVER_IC_3 23601	92.30 3.63 -54.00	54.25 2.34 -29.32	64.60 0.79 -55.95	32.87 2.54 -4.62	86.76 1.55 -69.92	84.78 3.16 -52.02	106.51 5.03 -57.19	134.06 4.65 -89.79	81.44 3.51 -46.83	46.20 3.14 -13.74	34.33 3.07 0.00	31.90 2.50 0.00	29.10 2.26 -0.72	31.58 2.60 -0.24	32.61 2.75 0.00	39.97 3.39 -4.69	36.35 3.44 -2.50	41.84 2.90 -13.86	36.31 3.16 -6.92	33.30 3.34 -0.52	33.03 3.17 -0.46	33.74 2.93 -3.06	50.63 3.03 -17.75	30.52 2.72 -0.70
WALDENNY_12_KV_BK2 80841	33.76 -1.20 -0.29	25.37 -0.91 -3.69	16.97 -0.34 -9.44	25.53 -1.29 -1.11	21.97 -0.77 -7.46	33.83 -1.38 -5.61	42.80 -2.42 -0.93	38.33 -2.28 -1.01	30.34 -1.89 -1.12	27.71 -1.61 0.00	29.53 -1.73 0.00	28.02 -1.37 0.00	24.99 -1.14 0.00	27.28 -1.46 0.00	28.25 -1.61 0.00	30.19 -1.69 0.00	28.62 -1.82 -0.03	25.29 -1.59 -1.79	25.36 -1.90 -1.02	27.51 -2.06 -0.12	27.62 -1.89 -0.11	26.51 -1.68 -0.44	28.59 -1.26 0.00	26.24 -0.87 0.00
WALDEN__HYDRO 24148	37.79 1.93 -1.19	38.87 1.23 -15.05	46.80 0.42 -38.51	31.57 1.35 -4.51	46.50 0.79 -30.43	54.16 1.65 -22.90	50.87 2.78 -3.80	46.30 2.60 -4.08	37.54 1.93 -4.50	26.10 1.71 4.93	33.03 1.76 0.00	30.93 1.53 0.00	27.18 1.31 0.26	29.86 1.36 0.24	31.39 1.52 0.00	33.10 1.71 0.49	32.40 1.87 -0.12	34.18 1.71 -7.39	32.16 1.78 -4.14	31.83 1.88 -0.50	31.64 1.79 -0.45	31.18 1.64 -1.81	31.39 1.55 0.00	28.55 1.44 0.00
WARRENSBURG____ 23737	37.54 1.31 -1.56	43.15 0.81 -19.76	58.70 0.26 -50.57	32.45 0.83 -5.92	55.78 0.54 -39.96	60.92 1.25 -30.07	51.38 2.10 -4.99	46.73 1.76 -5.36	38.34 1.33 -5.91	33.42 1.10 -3.00	32.35 1.08 0.00	30.30 0.90 0.00	27.05 0.76 -0.16	29.89 1.00 -0.15	31.12 1.25 0.00	33.46 1.29 -0.30	31.97 1.39 -0.16	36.00 1.22 -9.70	32.93 1.26 -5.44	31.40 1.30 -0.66	31.12 1.13 -0.59	31.21 1.10 -2.37	30.79 0.94 0.00	28.10 0.99 0.00

WATERSIDE___6 8 9 23538	37.88 1.99 -1.22	39.27 1.27 -15.42	47.77 0.44 -39.46	31.74 1.42 -4.62	47.26 0.79 -31.18	54.69 1.63 -23.46	50.94 2.77 -3.89	46.52 2.72 -4.18	37.84 2.12 -4.62	45.17 2.04 -13.81	33.52 2.25 0.00	31.41 2.01 0.00	28.50 1.66 -0.72	31.17 1.76 -0.67	31.76 1.89 0.00	35.32 2.06 -1.38	32.63 2.10 -0.12	34.48 1.83 -7.57	32.39 1.91 -4.25	31.93 1.97 -0.52	31.70 1.83 -0.46	31.22 1.63 -1.85	31.38 1.54 0.00	28.57 1.46 0.00
WATKINRD_115KV_LN8_ILLION 55919	35.28 0.57 -0.03	23.33 0.36 -0.37	8.96 0.13 -0.96	26.25 0.42 -0.11	16.29 0.25 -0.76	30.71 0.54 -0.57	45.35 0.97 -0.09	40.56 0.85 -0.10	31.78 0.58 -0.10	29.73 0.41 0.00	31.63 0.37 0.00	29.66 0.26 0.00	26.28 0.15 0.00	28.96 0.21 0.00	30.22 0.36 0.00	32.34 0.46 0.00	30.94 0.53 0.00	25.77 0.50 -0.19	26.88 0.53 -0.11	29.98 0.52 -0.01	29.84 0.43 -0.01	28.18 0.39 -0.05	30.16 0.31 0.00	27.40 0.29 0.00
WATSON___69_KV_BK 1 55734	91.65 3.66 -53.32	54.28 2.26 -29.42	64.75 0.81 -56.07	32.90 2.57 -4.62	86.87 1.57 -70.03	85.94 3.09 -53.26	107.01 5.02 -57.70	132.93 4.63 -88.69	80.94 3.56 -46.28	46.24 3.18 -13.74	34.43 3.16 0.00	32.02 2.62 0.00	29.20 2.36 -0.72	31.85 2.72 -0.39	32.68 2.82 0.00	40.08 3.41 -4.79	36.45 3.47 -2.58	41.98 2.91 -13.99	36.40 3.18 -6.98	33.31 3.35 -0.52	33.05 3.19 -0.46	33.81 2.96 -3.11	50.42 3.06 -17.52	30.64 2.74 -0.79
WDELAWARE___HYD 323627	37.04 1.25 -1.11	37.45 0.78 -14.08	44.18 0.26 -36.05	30.79 0.86 -4.22	44.26 0.49 -28.49	52.14 1.10 -21.43	49.82 1.98 -3.56	45.37 1.94 -3.82	36.86 1.54 -4.22	26.98 1.32 3.66	32.56 1.30 0.00	30.47 1.08 0.00	26.80 0.86 0.19	29.50 0.93 0.18	30.80 0.93 0.00	31.97 0.46 0.37	31.22 0.69 -0.11	32.71 0.71 -6.92	30.84 0.72 -3.88	30.61 0.69 -0.47	30.49 0.67 -0.42	30.69 1.25 -1.69	30.99 1.15 0.00	28.20 1.09 0.00
WEST BABYLON___IC 23714	89.86 3.42 -51.76	54.21 2.11 -29.51	64.73 0.76 -56.10	32.73 2.40 -4.62	86.71 1.46 -69.98	87.82 2.87 -55.35	107.24 4.64 -58.31	130.06 4.28 -86.17	79.44 3.29 -45.04	46.00 2.94 -13.74	34.19 2.93 0.00	31.84 2.44 0.00	29.01 2.17 -0.72	31.89 2.49 -0.67	32.45 2.58 0.00	39.98 3.12 -4.98	36.32 3.16 -2.74	42.04 2.69 -14.27	36.29 2.93 -7.13	33.03 3.07 -0.52	32.78 2.92 -0.46	33.67 2.74 -3.19	49.69 2.85 -16.99	30.62 2.57 -0.95
WEST CANADA___HYD 24049	34.80 0.10 -0.03	23.03 0.07 -0.37	8.85 0.02 -0.96	25.90 0.08 -0.11	16.09 0.04 -0.76	30.29 0.11 -0.57	44.60 0.22 -0.09	39.91 0.20 -0.10	31.34 0.15 -0.10	29.41 0.10 0.00	31.36 0.10 0.00	29.46 0.06 0.00	26.17 0.04 0.00	28.79 0.05 0.00	29.92 0.06 0.00	31.96 0.08 0.00	30.49 0.07 0.00	25.34 0.08 -0.19	26.43 0.08 -0.11	29.55 0.09 -0.01	29.47 0.06 -0.01	27.85 0.06 -0.05	29.89 0.05 0.00	27.16 0.05 0.00
WESTERN_NY_WIND 24143	34.30 -0.65 -0.27	25.44 -0.57 -3.42	16.39 -0.23 -8.75	25.87 -0.86 -1.02	21.67 -0.53 -6.91	33.95 -0.85 -5.20	43.66 -1.49 -0.86	39.15 -1.40 -0.93	30.93 -1.21 -1.04	28.17 -1.15 0.00	29.83 -1.43 0.00	28.23 -1.17 0.00	25.15 -0.97 0.00	27.55 -1.20 0.00	28.51 -1.36 0.00	30.68 -1.20 0.00	29.28 -1.17 -0.03	25.78 -0.98 -1.67	26.01 -1.18 -0.94	28.26 -1.30 -0.11	28.33 -1.17 -0.10	27.12 -1.04 -0.41	29.16 -0.68 0.00	26.71 -0.40 0.00
WESTOVER___LESR 323668	35.34 0.19 -0.47	28.66 0.09 -5.98	23.20 0.03 -15.31	27.53 0.03 -1.79	27.41 0.03 -12.10	38.80 0.09 -9.10	45.97 0.18 -1.51	41.44 0.20 -1.63	32.95 0.04 -1.80	29.31 -0.01 0.00	31.26 -0.01 0.00	29.48 0.08 0.00	26.17 0.04 0.00	28.73 -0.01 0.00	29.89 0.03 0.00	31.97 0.09 0.00	30.52 0.06 -0.05	28.16 0.13 -2.95	27.87 -0.02 -1.65	29.64 -0.01 -0.20	29.61 0.03 -0.18	28.46 0.00 -0.72	29.83 -0.01 0.00	27.18 0.07 0.00
WETHRSFD_WT_PWR 323626	33.15 -1.84 -0.32	25.35 -1.27 -4.03	17.70 -0.47 -10.30	25.24 -1.68 -1.21	22.45 -0.97 -8.14	33.95 -1.78 -6.13	42.38 -2.92 -1.02	37.95 -2.76 -1.10	29.91 -2.41 -1.22	27.17 -2.15 0.00	29.04 -2.23 0.00	27.54 -1.86 0.00	24.46 -1.67 0.00	26.70 -2.04 0.00	27.80 -2.06 0.00	29.79 -2.09 0.00	28.10 -2.35 -0.03	24.90 -2.09 -1.91	24.93 -2.42 -1.11	26.94 -2.65 -0.13	27.03 -2.49 -0.12	25.88 -2.35 -0.48	27.72 -2.12 0.00	25.42 -1.69 0.00
WHAVSTOR_138KV_BK127 55557	37.37 1.52 -1.18	38.46 0.97 -14.90	46.33 0.33 -38.13	31.27 1.10 -4.47	46.03 0.61 -30.14	53.57 1.30 -22.68	50.26 2.22 -3.76	45.75 2.09 -4.04	37.14 1.58 -4.46	8.34 1.46 22.43	32.89 1.62 0.00	30.84 1.44 0.00	26.11 1.16 1.17	28.89 1.24 1.09	31.20 1.33 0.00	31.09 1.46 2.25	32.06 1.53 -0.12	33.80 1.41 -7.32	31.80 1.46 -4.10	31.44 1.49 -0.50	31.23 1.38 -0.45	30.77 1.24 -1.79	31.02 1.18 0.00	28.26 1.15 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	37.37 1.52 -1.18	38.46 0.97 -14.90	46.33 0.33 -38.13	31.27 1.10 -4.47	46.03 0.61 -30.14	53.57 1.30 -22.68	50.26 2.22 -3.76	45.75 2.09 -4.04	37.14 1.58 -4.46	8.34 1.46 22.43	32.89 1.62 0.00	30.84 1.44 0.00	26.11 1.16 1.17	28.89 1.24 1.09	31.20 1.33 0.00	31.09 1.46 2.25	32.06 1.53 -0.12	33.80 1.41 -7.32	31.80 1.46 -4.10	31.44 1.49 -0.50	31.23 1.38 -0.45	30.77 1.24 -1.79	31.02 1.18 0.00	28.26 1.15 0.00
WHITEHAL_115KV_TB1 80871	38.51 2.28 -1.56	43.66 1.34 -19.73	58.77 0.40 -50.50	32.87 1.25 -5.91	56.08 0.88 -39.91	61.83 2.19 -30.03	52.82 3.55 -4.98	48.06 3.09 -5.35	39.33 2.32 -5.90	34.10 1.77 -3.01	33.32 2.06 0.00	30.89 1.50 0.00	27.52 1.24 -0.16	30.57 1.68 -0.15	32.09 2.23 0.00	34.42 2.24 -0.30	32.91 2.34 -0.16	36.75 1.98 -9.69	33.67 2.00 -5.43	32.20 2.09 -0.66	31.78 1.79 -0.59	31.78 1.67 -2.37	31.48 1.64 0.00	29.05 1.94 0.00
WHITEPLN_13_KV_LOAD 356215	38.08 2.20 -1.21	39.37 1.40 -15.39	47.73 0.48 -39.38	31.87 1.55 -4.61	47.30 0.90 -31.12	54.88 1.86 -23.42	51.29 3.12 -3.88	46.74 2.96 -4.17	37.99 2.28 -4.61	46.28 2.14 -14.82	33.59 2.32 0.00	31.46 2.06 0.00	28.61 1.71 -0.77	31.32 1.86 -0.72	31.85 1.99 0.00	35.56 2.20 -1.48	32.79 2.25 -0.12	34.62 1.98 -7.55	32.52 2.05 -4.24	32.12 2.15 -0.51	31.88 2.02 -0.46	31.42 1.83 -1.85	31.60 1.75 0.00	28.75 1.64 0.00
WM_FLOYD_69_KV_BK2 356380	92.22 3.59 -53.95	54.14 2.22 -29.33	64.61 0.79 -55.95	32.85 2.52 -4.62	86.75 1.53 -69.93	84.77 3.07 -52.10	106.49 4.99 -57.22	133.96 4.63 -89.72	81.39 3.49 -46.79	46.18 3.11 -13.74	34.30 3.04 0.00	31.86 2.46 0.00	29.08 2.24 -0.72	31.56 2.57 -0.25	32.59 2.72 0.00	39.95 3.37 -4.70	36.35 3.43 -2.50	41.83 2.89 -13.87	36.30 3.15 -6.92	33.28 3.32 -0.52	33.00 3.13 -0.46	33.72 2.91 -3.07	50.59 3.00 -17.74	30.50 2.69 -0.70
WOODARD__115KV_TB2 355635	34.41 -0.47 -0.21	24.91 -0.33 -2.66	14.55 -0.12 -6.80	26.06 -0.45 -0.80	20.38 -0.27 -5.37	33.17 -0.48 -4.04	44.24 -0.72 -0.67	39.72 -0.61 -0.73	31.39 -0.53 -0.82	28.78 -0.54 0.00	30.66 -0.61 0.00	28.85 -0.55 0.00	25.63 -0.50 0.00	28.17 -0.57 0.00	29.31 -0.55 0.00	31.37 -0.51 0.00	29.98 -0.46 -0.02	26.06 -0.33 -1.32	26.56 -0.42 -0.74	29.12 -0.42 -0.09	29.13 -0.35 -0.08	27.71 -0.36 -0.32	29.45 -0.39 0.00	26.79 -0.33 0.00

YORK____WARBASSE	37.98	39.33	47.78	31.78	47.28	54.69	50.98	46.58	37.90	45.24	33.62	31.52	28.58	31.25	31.84	35.42	32.75	34.62	32.53	32.09	31.85	31.36	31.52	28.69
23770	2.09	1.33	0.45	1.45	0.81	1.63	2.81	2.79	2.18	2.11	2.36	2.12	1.73	1.84	1.97	2.16	2.21	1.96	2.05	2.12	1.98	1.76	1.67	1.58
	-1.22	-15.42	-39.46	-4.62	-31.18	-23.46	-3.89	-4.18	-4.62	-13.81	0.00	0.00	-0.72	-0.67	0.00	-1.38	-0.12	-7.57	-4.25	-0.52	-0.46	-1.85	0.00	0.00