

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

11/16/2023

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	27.53	25.31	25.18	24.41	25.51	28.22	40.68	44.94	36.71	30.53	27.77	26.38	25.29	25.73	26.98	29.65	35.74	45.06	41.24	34.92	32.63	29.00	26.11	24.93
24138	1.58	1.11	1.07	0.81	1.17	1.67	2.48	2.91	2.50	2.26	2.06	2.02	1.94	1.99	2.07	2.15	2.66	2.72	2.60	1.97	1.44	0.87	0.51	0.40
	-2.06	-7.07	-7.69	-11.44	-6.15	0.00	-1.77	-2.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.03	-8.37	-7.66	-8.89	-12.71	-17.23	-18.94	-18.93
74TH STREET_GT_1	27.53	25.33	25.18	24.41	25.49	28.22	40.57	44.82	36.64	30.48	27.72	26.33	25.22	25.68	26.93	29.60	35.67	44.98	41.17	34.88	32.58	28.95	26.09	24.91
24260	1.58	1.13	1.07	0.81	1.15	1.67	2.37	2.79	2.43	2.21	2.01	1.97	1.87	1.95	2.02	2.09	2.60	2.65	2.54	1.95	1.40	0.84	0.50	0.40
	-2.06	-7.07	-7.69	-11.44	-6.15	0.00	-1.77	-2.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.03	-8.36	-7.66	-8.88	-12.69	-17.21	-18.92	-18.92
74TH STREET_GT_2	27.53	25.33	25.18	24.41	25.49	28.22	40.57	44.82	36.64	30.48	27.72	26.33	25.22	25.68	26.93	29.60	35.67	44.98	41.17	34.88	32.58	28.95	26.09	24.91
24261	1.58	1.13	1.07	0.81	1.15	1.67	2.37	2.79	2.43	2.21	2.01	1.97	1.87	1.95	2.02	2.09	2.60	2.65	2.54	1.95	1.40	0.84	0.50	0.40
	-2.06	-7.07	-7.69	-11.44	-6.15	0.00	-1.77	-2.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.03	-8.36	-7.66	-8.88	-12.69	-17.21	-18.92	-18.92
ADK HUDSON___FALLS	28.12	27.11	27.13	27.24	27.14	28.67	41.84	45.82	36.85	30.14	27.21	25.60	24.59	25.02	26.36	29.13	35.31	46.67	42.53	36.58	35.35	32.91	30.61	29.46
24011	1.67	1.20	1.15	0.86	1.31	2.12	3.21	3.27	2.63	1.87	1.49	1.24	1.24	1.28	1.45	1.62	1.99	2.31	2.04	1.49	1.09	0.62	0.43	0.36
	-2.56	-8.79	-9.55	-14.22	-7.64	0.00	-2.20	-2.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.27	-10.39	-9.51	-11.04	-15.78	-21.39	-23.51	-23.51
ADK RESOURCE___RCVRY	28.32	27.25	27.28	27.34	27.29	28.91	42.28	46.22	37.19	30.36	27.41	25.77	24.75	25.18	26.56	29.38	35.57	47.09	42.88	36.82	35.57	33.09	30.76	29.60
23798	1.86	1.34	1.30	0.96	1.46	2.36	3.64	3.67	2.98	2.09	1.70	1.41	1.40	1.45	1.64	1.87	2.24	2.68	2.35	1.68	1.24	0.71	0.47	0.40
	-2.56	-8.80	-9.56	-14.23	-7.64	0.00	-2.20	-2.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.28	-10.43	-9.56	-11.09	-15.85	-21.48	-23.62	-23.61
ADK S GLENS___FALLS	28.12	27.11	27.13	27.24	27.14	28.67	41.84	45.82	36.85	30.14	27.21	25.60	24.59	25.02	26.36	29.13	35.31	46.67	42.53	36.58	35.35	32.91	30.61	29.46
24028	1.67	1.20	1.15	0.86	1.31	2.12	3.21	3.27	2.63	1.87	1.49	1.24	1.24	1.28	1.45	1.62	1.99	2.31	2.04	1.49	1.09	0.62	0.43	0.36
	-2.56	-8.79	-9.55	-14.22	-7.64	0.00	-2.20	-2.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.27	-10.39	-9.51	-11.04	-15.78	-21.39	-23.51	-23.51
ADK_NYS___DAM	27.33	26.30	26.32	26.40	26.30	27.77	40.31	44.30	35.72	29.26	26.41	25.14	24.10	24.66	25.89	28.55	34.80	45.66	41.58	35.84	34.57	32.11	29.79	28.65
23527	0.96	0.67	0.64	0.47	0.71	1.22	1.75	1.83	1.50	0.99	0.69	0.78	0.75	0.92	0.97	1.04	1.51	1.60	1.36	1.06	0.76	0.44	0.28	0.22
	-2.48	-8.52	-9.25	-13.77	-7.40	0.00	-2.13	-2.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.24	-10.09	-9.24	-10.73	-15.33	-20.78	-22.84	-22.84
AIR_PRODUCTS___DRP	26.60	25.87	25.89	26.09	25.85	26.87	39.01	42.92	34.52	28.50	25.84	24.55	23.56	24.02	25.22	27.75	33.74	44.60	40.67	35.09	34.02	31.82	29.62	28.51
24190	0.22	0.19	0.16	0.10	0.22	0.32	0.44	0.44	0.31	0.23	0.13	0.19	0.21	0.28	0.30	0.25	0.45	0.51	0.43	0.29	0.18	0.10	0.06	0.04
	-2.49	-8.56	-9.30	-13.84	-7.44	0.00	-2.14	-2.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.24	-10.11	-9.26	-10.75	-15.36	-20.82	-22.89	-22.88
AKWESSNE_115KV_BK	0.37	0.57	0.70	10.63	11.85	22.06	31.84	35.20	29.97	24.57	22.50	21.46	20.50	20.46	21.65	24.09	28.72	30.63	27.89	21.00	2.25	0.84	0.52	0.16
355683	-3.61	-2.69	-2.64	-1.96	-3.18	-4.49	-4.66	-4.74	-4.24	-3.70	-3.21	-2.90	-2.85	-3.28	-3.26	-3.41	-3.37	-3.67	-3.38	-3.39	-2.51	-1.53	-0.92	-0.78
	19.92	13.87	13.08	-0.44	3.16	0.00	-0.07	-0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.04	-0.32	-0.29	-0.34	13.72	8.53	5.23	4.64
ALBANY___1	26.60	25.87	25.89	26.09	25.85	26.87	39.01	42.92	34.52	28.50	25.84	24.55	23.56	24.02	25.22	27.75	33.74	44.60	40.67	35.09	34.02	31.82	29.62	28.51
23571	0.22	0.19	0.16	0.10	0.22	0.32	0.44	0.44	0.31	0.23	0.13	0.19	0.21	0.28	0.30	0.25	0.45	0.51	0.43	0.29	0.18	0.10	0.06	0.04
	-2.49	-8.56	-9.30	-13.84	-7.44	0.00	-2.14	-2.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.24	-10.11	-9.26	-10.75	-15.36	-20.82	-22.89	-22.88
ALBANY___2	26.60	25.87	25.89	26.09	25.85	26.87	39.01	42.92	34.52	28.50	25.84	24.55	23.56	24.02	25.22	27.75	33.74	44.60	40.67	35.09	34.02	31.82	29.62	28.51
23572	0.22	0.19	0.16	0.10	0.22	0.32	0.44	0.44	0.31	0.23	0.13	0.19	0.21	0.28	0.30	0.25	0.45	0.51	0.43	0.29	0.18	0.10	0.06	0.04
	-2.49	-8.56	-9.30	-13.84	-7.44	0.00	-2.14	-2.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.24	-10.11	-9.26	-10.75	-15.36	-20.82	-22.89	-22.88
ALBANY___3	26.60	25.87	25.89	26.09	25.85	26.87	39.01	42.92	34.52	28.50	25.84	24.55	23.56	24.02	25.22	27.75	33.74	44.60	40.67	35.09	34.02	31.82	29.62	28.51
23573	0.22	0.19	0.16	0.10	0.22	0.32	0.44	0.44	0.31	0.23	0.13	0.19	0.21	0.28	0.30	0.25	0.45	0.51	0.43	0.29	0.18	0.10	0.06	0.04
	-2.49	-8.56	-9.30	-13.84	-7.44	0.00	-2.14	-2.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.24	-10.11	-9.26	-10.75	-15.36	-20.82	-22.89	-22.88

ALBANY___4 23574	26.60 0.22 -2.49	25.87 0.19 -8.56	25.89 0.16 -9.30	26.09 0.10 -13.84	25.85 0.22 -7.44	26.87 0.32 0.00	39.01 0.44 -2.14	42.92 0.44 -2.61	34.52 0.31 0.00	28.50 0.23 0.00	25.84 0.13 0.00	24.55 0.19 0.00	23.56 0.21 0.00	24.02 0.28 0.00	25.22 0.30 0.00	27.75 0.25 0.00	33.74 0.45 -1.24	44.60 0.51 -10.11	40.67 0.43 -9.26	35.09 0.29 -10.75	34.02 0.18 -15.36	31.82 0.10 -20.82	29.62 0.06 -22.89	28.51 0.04 -22.88
ALBANY___LFGE 323615	26.85 0.45 -2.51	26.11 0.36 -8.62	26.14 0.35 -9.37	26.33 0.23 -13.95	26.09 0.40 -7.49	27.16 0.61 0.00	39.46 0.87 -2.15	43.42 0.92 -2.63	34.90 0.68 0.00	28.78 0.51 0.00	26.10 0.39 0.00	24.77 0.41 0.00	23.77 0.42 0.00	24.24 0.50 0.00	25.46 0.55 0.00	28.06 0.55 0.00	34.11 0.80 -1.25	45.07 0.88 -10.21	41.11 0.77 -9.36	35.46 0.55 -10.86	34.37 0.37 -15.51	32.15 0.22 -21.03	29.92 0.13 -23.12	28.80 0.09 -23.12
ALCOA_PA_115KV_PL-6C 55860	1.54 -3.35 19.01	1.41 -2.50 13.21	1.50 -2.46 12.46	10.80 -1.82 -0.47	12.19 -3.02 2.98	22.33 -4.22 0.00	32.25 -4.26 -0.07	35.69 -4.27 -0.09	30.35 -3.87 0.00	24.85 -3.42 0.00	22.76 -2.96 0.00	21.70 -2.66 0.00	20.74 -2.62 0.00	20.58 -3.16 0.00	21.80 -3.11 0.00	24.26 -3.25 0.00	28.92 -3.17 -0.04	30.85 -3.47 -0.34	28.09 -3.19 -0.31	21.16 -3.25 -0.36	2.85 -2.38 13.25	1.23 -1.45 8.22	0.79 -0.87 5.01	0.41 -0.74 4.44
ALCOA_RYNLDS___DRP 24188	1.54 -3.35 19.01	1.41 -2.50 13.21	1.50 -2.46 12.46	10.80 -1.82 -0.47	12.19 -3.02 2.98	22.33 -4.22 0.00	32.25 -4.26 -0.07	35.69 -4.27 -0.09	30.35 -3.87 0.00	24.85 -3.42 0.00	22.76 -2.96 0.00	21.70 -2.66 0.00	20.74 -2.62 0.00	20.58 -3.16 0.00	21.80 -3.11 0.00	24.26 -3.25 0.00	28.92 -3.17 -0.04	30.85 -3.47 -0.34	28.09 -3.19 -0.31	21.16 -3.25 -0.36	2.85 -2.38 13.25	1.23 -1.45 8.22	0.79 -0.87 5.01	0.41 -0.74 4.44
ALCOA___DSASP 323711	1.56 -3.32 19.01	1.43 -2.48 13.21	1.50 -2.46 12.46	10.80 -1.82 -0.47	12.19 -3.02 2.98	22.33 -4.22 0.00	32.25 -4.26 -0.07	35.69 -4.26 -0.09	30.35 -3.87 0.00	24.85 -3.42 0.00	22.68 -3.03 0.00	21.71 -2.65 0.00	20.74 -2.62 0.00	20.58 -3.16 0.00	21.80 -3.12 0.00	24.26 -3.25 0.00	28.92 -3.17 -0.04	30.85 -3.47 -0.34	28.10 -3.19 -0.31	21.16 -3.25 -0.36	2.86 -2.38 13.24	1.24 -1.45 8.21	0.79 -0.87 5.00	0.41 -0.74 4.43
ALLEGHENY___COGEN 23514	25.41 0.93 -0.58	19.78 0.67 -1.99	19.27 0.67 -2.17	15.87 0.49 -3.23	20.73 0.80 -1.73	27.77 1.22 0.00	38.32 1.38 -0.50	41.83 1.36 -0.61	35.62 1.40 0.00	29.37 1.10 0.00	26.69 0.98 0.00	24.99 0.63 0.00	24.01 0.65 0.00	24.21 0.47 0.00	25.41 0.50 0.00	28.22 0.71 0.00	32.47 0.13 -0.29	37.08 0.75 -2.36	33.72 0.59 -2.16	27.04 0.48 -2.51	22.53 0.46 -3.58	15.96 0.21 -4.85	12.13 0.13 -5.34	11.09 0.17 -5.34
ALTAMONT_115KV_TB 2 55880	26.93 0.55 -2.49	26.10 0.41 -8.56	26.12 0.39 -9.30	26.28 0.28 -13.85	26.07 0.44 -7.44	27.24 0.69 0.00	39.56 0.98 -2.14	43.52 1.04 -2.62	35.03 0.82 0.00	28.92 0.65 0.00	26.20 0.49 0.00	24.87 0.51 0.00	23.87 0.51 0.00	24.31 0.57 0.00	25.51 0.60 0.00	28.14 0.63 0.00	34.16 0.87 -1.24	45.01 0.92 -10.12	41.11 0.87 -9.27	35.46 0.65 -10.75	34.29 0.44 -15.37	31.99 0.26 -20.83	29.73 0.16 -22.90	28.62 0.13 -22.90
ALTONA_WT_PWR 323606	0.00 -4.21 19.69	0.42 -3.00 13.70	0.62 -2.87 12.93	10.53 -2.07 -0.44	11.70 -3.38 3.11	21.90 -4.65 0.00	31.88 -4.63 -0.07	35.40 -4.55 -0.08	30.28 -3.93 0.00	24.85 -3.42 0.00	22.73 -2.98 0.00	21.78 -2.58 0.00	20.83 -2.52 0.00	20.72 -3.01 0.00	21.98 -2.94 0.00	24.45 -3.05 0.00	29.17 -2.92 -0.04	31.18 -3.13 -0.33	28.33 -2.94 -0.30	21.22 -3.18 -0.35	2.35 -2.40 13.73	0.85 -1.51 8.54	0.49 -0.95 5.23	0.11 -0.84 4.64
AMERICAN_REF_FUEL 24010	24.10 -0.33 -0.54	18.73 -0.26 -1.87	18.26 -0.20 -2.03	15.00 -0.17 -3.02	19.60 -0.22 -1.62	26.02 -0.53 0.00	35.34 -1.57 -0.47	38.28 -2.15 -0.57	33.09 -1.13 0.00	27.65 -0.62 0.00	25.33 -0.39 0.00	23.82 -0.54 0.00	22.96 -0.40 0.00	23.14 -0.59 0.00	24.22 -0.70 0.00	26.74 -0.77 0.00	29.98 -2.34 -0.27	33.73 -2.45 -2.21	30.83 -2.17 -2.02	24.91 -1.49 -2.35	20.93 -0.91 -3.35	14.92 -0.52 -4.54	11.42 -0.25 -4.99	10.50 -0.08 -4.99
ARKWRIGHT___SUMMIT_WT_PWR 323751	24.80 0.33 -0.58	19.38 0.27 -1.98	18.91 0.33 -2.15	15.63 0.27 -3.20	20.35 0.44 -1.72	27.40 0.85 0.00	37.15 0.22 -0.50	40.59 0.12 -0.61	35.34 1.13 0.00	29.51 1.24 0.00	27.05 1.34 0.00	25.46 1.10 0.00	24.50 1.14 0.00	24.71 0.97 0.00	25.89 0.97 0.00	28.63 1.13 0.00	31.86 -0.48 -0.29	35.74 -0.58 -2.34	32.38 -0.74 -2.15	25.84 -0.70 -2.49	21.65 -0.39 -3.56	15.45 -0.27 -4.82	11.83 -0.14 -5.30	10.86 -0.03 -5.30
ARTHUR_KILL_GT_1 23520	27.82 1.86 -2.06	25.51 1.32 -7.07	25.34 1.23 -7.69	24.52 0.92 -11.44	25.67 1.33 -6.15	28.30 1.75 0.00	40.35 2.15 -1.77	44.21 2.19 -2.15	36.34 2.12 0.00	30.25 1.98 0.00	27.54 1.83 0.00	26.14 1.78 0.00	25.06 1.70 0.00	25.52 1.78 0.00	26.79 1.87 0.00	29.40 1.90 0.00	35.58 2.50 -1.03	44.68 2.34 -8.36	40.89 2.26 -7.66	34.82 1.88 -8.89	32.48 1.29 -12.71	28.97 0.84 -17.23	26.14 0.53 -18.94	24.96 0.43 -18.94
ARTHUR_KILL_2 23512	27.74 1.79 -2.06	25.46 1.27 -7.07	25.30 1.18 -7.69	24.49 0.90 -11.44	25.62 1.27 -6.15	28.22 1.67 0.00	40.24 2.04 -1.77	44.09 2.07 -2.15	36.23 2.02 0.00	30.17 1.89 0.00	27.46 1.75 0.00	26.09 1.73 0.00	24.99 1.63 0.00	25.45 1.71 0.00	26.71 1.79 0.00	29.32 1.81 0.00	35.48 2.41 -1.03	44.58 2.24 -8.36	40.80 2.17 -7.66	34.75 1.80 -8.89	32.43 1.24 -12.71	28.93 0.81 -17.23	26.12 0.51 -18.94	24.95 0.41 -18.94
ARTHUR_KILL_3 23513	27.31 1.36 -2.06	25.15 0.96 -7.07	25.03 0.92 -7.69	24.30 0.70 -11.44	25.32 0.98 -6.15	27.98 1.43 0.00	40.28 2.08 -1.77	44.42 2.39 -2.16	36.30 2.09 0.00	30.25 1.98 0.00	27.49 1.77 0.00	26.14 1.78 0.00	25.04 1.68 0.00	25.49 1.76 0.00	26.73 1.82 0.00	29.38 1.87 0.00	35.35 2.28 -1.03	44.58 2.24 -8.37	40.90 2.26 -7.66	34.68 1.73 -8.89	32.46 1.27 -12.71	28.90 0.77 -17.23	26.06 0.45 -18.94	24.89 0.36 -18.93
ARTHUR_KILL_COGEN 323718	27.82 1.86 -2.06	25.51 1.32 -7.07	25.34 1.23 -7.69	24.52 0.92 -11.44	25.67 1.33 -6.15	28.30 1.75 0.00	40.35 2.15 -1.77	44.21 2.19 -2.15	36.34 2.12 0.00	30.25 1.98 0.00	27.54 1.83 0.00	26.14 1.78 0.00	25.06 1.70 0.00	25.52 1.78 0.00	26.79 1.87 0.00	29.40 1.90 0.00	35.58 2.50 -1.03	44.68 2.34 -8.36	40.89 2.26 -7.66	34.82 1.88 -8.89	32.48 1.29 -12.71	28.97 0.84 -17.23	26.14 0.53 -18.94	24.96 0.43 -18.94
ASHOKAN____ 23654	27.49 1.31 -2.28	25.85 0.89 -7.84	25.81 0.87 -8.52	25.45 0.62 -12.68	25.99 0.98 -6.81	27.88 1.33 0.00	40.36 1.97 -1.96	44.29 2.03 -2.39	35.75 1.54 0.00	29.18 0.90 0.00	26.31 0.59 0.00	24.87 0.51 0.00	23.80 0.44 0.00	24.21 0.47 0.00	25.49 0.57 0.00	28.25 0.74 0.00	34.56 1.38 -1.14	45.03 1.80 -9.26	41.10 1.64 -8.48	35.03 1.13 -9.84	33.25 0.70 -14.06	30.38 0.41 -19.07	27.86 0.23 -20.96	26.73 0.18 -20.96

ASTORIA_EAST_ENERGY_CC1 323581	27.66 1.70 -2.06	25.44 1.23 -7.08	25.29 1.17 -7.69	24.49 0.89 -11.45	25.60 1.25 -6.16	28.20 1.65 0.00	40.03 1.82 -1.77	44.09 2.07 -2.15	36.15 1.95 0.01	30.13 1.87 0.01	27.43 1.72 0.01	26.06 1.70 0.01	25.03 1.68 0.01	25.46 1.73 0.01	26.68 1.77 0.01	29.28 1.79 0.01	35.28 2.21 -1.02	44.51 2.18 -8.36	40.74 2.11 -7.66	34.57 1.64 -8.89	32.37 1.18 -12.70	28.87 0.74 -17.23	26.08 0.47 -18.94	24.94 0.41 -18.94
ASTORIA_EAST_ENERGY_CC2 323582	27.66 1.70 -2.06	25.44 1.23 -7.08	25.29 1.17 -7.69	24.49 0.89 -11.45	25.60 1.25 -6.16	28.20 1.65 0.00	39.99 1.78 -1.77	44.09 2.07 -2.15	36.15 1.95 0.01	30.13 1.87 0.01	27.43 1.72 0.01	26.06 1.70 0.01	25.03 1.68 0.01	25.46 1.73 0.01	26.68 1.77 0.01	29.28 1.79 0.01	35.28 2.21 -1.02	44.51 2.18 -8.36	40.74 2.11 -7.66	34.57 1.64 -8.89	32.37 1.18 -12.70	28.87 0.74 -17.23	26.08 0.47 -18.94	24.94 0.41 -18.94
ASTORIA_GT2_1 24094	27.65 1.70 -2.06	25.43 1.23 -7.07	25.28 1.17 -7.69	24.48 0.89 -11.44	25.62 1.27 -6.15	28.20 1.65 0.00	40.03 1.82 -1.77	44.14 2.11 -2.16	36.16 1.95 0.00	30.16 1.89 0.00	27.44 1.72 0.00	26.09 1.73 0.00	25.06 1.70 0.00	25.47 1.73 0.00	26.69 1.77 0.00	29.29 1.79 0.00	35.29 2.21 -1.03	44.51 2.17 -8.36	40.77 2.14 -7.66	34.60 1.66 -8.88	32.36 1.18 -12.69	28.83 0.72 -17.21	26.06 0.47 -18.92	24.93 0.41 -18.92
ASTORIA_GT2_2 24095	27.65 1.70 -2.06	25.43 1.23 -7.07	25.28 1.17 -7.69	24.48 0.89 -11.44	25.62 1.27 -6.15	28.20 1.65 0.00	40.03 1.82 -1.77	44.14 2.11 -2.16	36.16 1.95 0.00	30.16 1.89 0.00	27.44 1.72 0.00	26.09 1.73 0.00	25.06 1.70 0.00	25.47 1.73 0.00	26.69 1.77 0.00	29.29 1.79 0.00	35.29 2.21 -1.03	44.51 2.17 -8.36	40.77 2.14 -7.66	34.60 1.66 -8.88	32.36 1.18 -12.69	28.83 0.72 -17.21	26.06 0.47 -18.92	24.93 0.41 -18.92
ASTORIA_GT2_3 24096	27.65 1.70 -2.06	25.43 1.23 -7.07	25.28 1.17 -7.69	24.48 0.89 -11.44	25.62 1.27 -6.15	28.20 1.65 0.00	40.03 1.82 -1.77	44.14 2.11 -2.16	36.16 1.95 0.00	30.16 1.89 0.00	27.44 1.72 0.00	26.09 1.73 0.00	25.06 1.70 0.00	25.47 1.73 0.00	26.69 1.77 0.00	29.29 1.79 0.00	35.29 2.21 -1.03	44.51 2.17 -8.36	40.77 2.14 -7.66	34.60 1.66 -8.88	32.36 1.18 -12.69	28.83 0.72 -17.21	26.06 0.47 -18.92	24.93 0.41 -18.92
ASTORIA_GT2_4 24097	27.65 1.70 -2.06	25.43 1.23 -7.07	25.28 1.17 -7.69	24.48 0.89 -11.44	25.62 1.27 -6.15	28.20 1.65 0.00	40.03 1.82 -1.77	44.14 2.11 -2.16	36.16 1.95 0.00	30.16 1.89 0.00	27.44 1.72 0.00	26.09 1.73 0.00	25.06 1.70 0.00	25.47 1.73 0.00	26.69 1.77 0.00	29.29 1.79 0.00	35.29 2.21 -1.03	44.51 2.17 -8.36	40.77 2.14 -7.66	34.60 1.66 -8.88	32.36 1.18 -12.69	28.83 0.72 -17.21	26.06 0.47 -18.92	24.93 0.41 -18.92
ASTORIA_GT3_1 24098	27.65 1.70 -2.06	25.43 1.23 -7.07	25.28 1.17 -7.69	24.48 0.89 -11.44	25.62 1.27 -6.15	28.20 1.65 0.00	40.03 1.82 -1.77	44.14 2.11 -2.16	36.16 1.95 0.00	30.16 1.89 0.00	27.44 1.72 0.00	26.09 1.73 0.00	25.06 1.70 0.00	25.47 1.73 0.00	26.69 1.77 0.00	29.29 1.79 0.00	35.29 2.21 -1.03	44.51 2.17 -8.36	40.77 2.14 -7.66	34.60 1.66 -8.88	32.36 1.18 -12.69	28.83 0.72 -17.21	26.06 0.47 -18.92	24.93 0.41 -18.92
ASTORIA_GT3_2 24099	27.65 1.70 -2.06	25.43 1.23 -7.07	25.28 1.17 -7.69	24.48 0.89 -11.44	25.62 1.27 -6.15	28.20 1.65 0.00	40.03 1.82 -1.77	44.14 2.11 -2.16	36.16 1.95 0.00	30.16 1.89 0.00	27.44 1.72 0.00	26.09 1.73 0.00	25.06 1.70 0.00	25.47 1.73 0.00	26.69 1.77 0.00	29.29 1.79 0.00	35.29 2.21 -1.03	44.51 2.17 -8.36	40.77 2.14 -7.66	34.60 1.66 -8.88	32.36 1.18 -12.69	28.83 0.72 -17.21	26.06 0.47 -18.92	24.93 0.41 -18.92
ASTORIA_GT3_3 24100	27.65 1.70 -2.06	25.43 1.23 -7.07	25.28 1.17 -7.69	24.48 0.89 -11.44	25.62 1.27 -6.15	28.20 1.65 0.00	40.03 1.82 -1.77	44.14 2.11 -2.16	36.16 1.95 0.00	30.16 1.89 0.00	27.44 1.72 0.00	26.09 1.73 0.00	25.06 1.70 0.00	25.47 1.73 0.00	26.69 1.77 0.00	29.29 1.79 0.00	35.29 2.21 -1.03	44.51 2.17 -8.36	40.77 2.14 -7.66	34.60 1.66 -8.88	32.36 1.18 -12.69	28.83 0.72 -17.21	26.06 0.47 -18.92	24.93 0.41 -18.92
ASTORIA_GT3_4 24101	27.65 1.70 -2.06	25.43 1.23 -7.07	25.28 1.17 -7.69	24.48 0.89 -11.44	25.62 1.27 -6.15	28.20 1.65 0.00	40.03 1.82 -1.77	44.14 2.11 -2.16	36.16 1.95 0.00	30.16 1.89 0.00	27.44 1.72 0.00	26.09 1.73 0.00	25.06 1.70 0.00	25.47 1.73 0.00	26.69 1.77 0.00	29.29 1.79 0.00	35.29 2.21 -1.03	44.51 2.17 -8.36	40.77 2.14 -7.66	34.60 1.66 -8.88	32.36 1.18 -12.69	28.83 0.72 -17.21	26.06 0.47 -18.92	24.93 0.41 -18.92
ASTORIA_GT4_1 24102	27.65 1.70 -2.06	25.43 1.23 -7.07	25.28 1.17 -7.69	24.48 0.89 -11.44	25.62 1.27 -6.15	28.20 1.65 0.00	40.03 1.82 -1.77	44.14 2.11 -2.16	36.16 1.95 0.00	30.16 1.89 0.00	27.44 1.72 0.00	26.09 1.73 0.00	25.06 1.70 0.00	25.47 1.73 0.00	26.69 1.77 0.00	29.29 1.79 0.00	35.29 2.21 -1.03	44.51 2.17 -8.36	40.77 2.14 -7.66	34.60 1.66 -8.88	32.36 1.18 -12.69	28.83 0.72 -17.21	26.06 0.47 -18.92	24.93 0.41 -18.92
ASTORIA_GT4_2 24103	27.65 1.70 -2.06	25.43 1.23 -7.07	25.28 1.17 -7.69	24.48 0.89 -11.44	25.62 1.27 -6.15	28.20 1.65 0.00	40.03 1.82 -1.77	44.14 2.11 -2.16	36.16 1.95 0.00	30.16 1.89 0.00	27.44 1.72 0.00	26.09 1.73 0.00	25.06 1.70 0.00	25.47 1.73 0.00	26.69 1.77 0.00	29.29 1.79 0.00	35.29 2.21 -1.03	44.51 2.17 -8.36	40.77 2.14 -7.66	34.60 1.66 -8.88	32.36 1.18 -12.69	28.83 0.72 -17.21	26.06 0.47 -18.92	24.93 0.41 -18.92
ASTORIA_GT4_3 24104	27.65 1.70 -2.06	25.43 1.23 -7.07	25.28 1.17 -7.69	24.48 0.89 -11.44	25.62 1.27 -6.15	28.20 1.65 0.00	40.03 1.82 -1.77	44.14 2.11 -2.16	36.16 1.95 0.00	30.16 1.89 0.00	27.44 1.72 0.00	26.09 1.73 0.00	25.06 1.70 0.00	25.47 1.73 0.00	26.69 1.77 0.00	29.29 1.79 0.00	35.29 2.21 -1.03	44.51 2.17 -8.36	40.77 2.14 -7.66	34.60 1.66 -8.88	32.36 1.18 -12.69	28.83 0.72 -17.21	26.06 0.47 -18.92	24.93 0.41 -18.92
ASTORIA_GT4_4 24105	27.65 1.70 -2.06	25.43 1.23 -7.07	25.28 1.17 -7.69	24.48 0.89 -11.44	25.62 1.27 -6.15	28.20 1.65 0.00	40.03 1.82 -1.77	44.14 2.11 -2.16	36.16 1.95 0.00	30.16 1.89 0.00	27.44 1.72 0.00	26.09 1.73 0.00	25.06 1.70 0.00	25.47 1.73 0.00	26.69 1.77 0.00	29.29 1.79 0.00	35.29 2.21 -1.03	44.51 2.17 -8.36	40.77 2.14 -7.66	34.60 1.66 -8.88	32.36 1.18 -12.69	28.83 0.72 -17.21	26.06 0.47 -18.92	24.93 0.41 -18.92
ASTORIA_GT_1 23523	27.70 1.74 -2.06	25.47 1.27 -7.08	25.32 1.20 -7.69	24.50 0.90 -11.45	25.64 1.29 -6.16	28.25 1.70 0.00	40.10 1.89 -1.77	44.21 2.19 -2.15	36.22 2.02 0.01	30.21 1.95 0.01	27.48 1.77 0.01	26.13 1.78 0.01	25.10 1.75 0.01	25.51 1.78 0.01	26.73 1.82 0.01	29.34 2.28 0.01	35.34 2.28 -1.02	44.61 2.28 -8.36	40.83 2.20 -7.66	34.64 1.71 -8.89	32.40 1.22 -12.70	28.89 0.76 -17.23	26.09 0.48 -18.94	24.95 0.42 -18.94

ASTORIA_GT_10 24110	27.53 1.58 -2.06	25.33 1.13 -7.07	25.18 1.07 -7.69	24.41 0.81 -11.44	25.51 1.16 -6.15	28.14 1.59 0.00	40.28 2.08 -1.77	44.42 2.39 -2.16	36.37 2.16 0.00	30.31 2.04 0.00	27.57 1.85 0.00	26.19 1.83 0.00	25.13 1.77 0.00	25.59 1.85 0.00	26.81 1.89 0.00	29.43 1.93 0.00	35.48 2.40 -1.03	44.68 2.34 -8.36	40.96 2.32 -7.66	34.72 1.78 -8.88	32.43 1.26 -12.69	28.88 0.77 -17.21	26.08 0.49 -18.92	24.93 0.41 -18.92
ASTORIA_GT_11 24225	27.53 1.58 -2.06	25.33 1.13 -7.07	25.18 1.07 -7.69	24.41 0.81 -11.44	25.51 1.16 -6.15	28.14 1.59 0.00	40.28 2.08 -1.77	44.42 2.39 -2.16	36.37 2.16 0.00	30.31 2.04 0.00	27.57 1.85 0.00	26.19 1.83 0.00	25.13 1.77 0.00	25.59 1.85 0.00	26.81 1.89 0.00	29.43 1.93 0.00	35.48 2.40 -1.03	44.68 2.34 -8.36	40.96 2.32 -7.66	34.72 1.78 -8.88	32.43 1.26 -12.69	28.88 0.77 -17.21	26.08 0.49 -18.92	24.93 0.41 -18.92
ASTORIA_GT_12 24226	27.53 1.58 -2.06	25.33 1.13 -7.07	25.18 1.07 -7.69	24.41 0.81 -11.44	25.51 1.16 -6.15	28.14 1.59 0.00	40.28 2.08 -1.77	44.42 2.39 -2.16	36.37 2.16 0.00	30.31 2.04 0.00	27.57 1.85 0.00	26.19 1.83 0.00	25.13 1.77 0.00	25.59 1.85 0.00	26.81 1.89 0.00	29.43 1.93 0.00	35.48 2.40 -1.03	44.68 2.34 -8.36	40.96 2.32 -7.66	34.72 1.78 -8.88	32.43 1.26 -12.69	28.88 0.77 -17.21	26.08 0.49 -18.92	24.93 0.41 -18.92
ASTORIA_GT_13 24227	27.53 1.58 -2.06	25.33 1.13 -7.07	25.18 1.07 -7.69	24.41 0.81 -11.44	25.51 1.16 -6.15	28.14 1.59 0.00	40.28 2.08 -1.77	44.42 2.39 -2.16	36.37 2.16 0.00	30.31 2.04 0.00	27.57 1.85 0.00	26.19 1.83 0.00	25.13 1.77 0.00	25.59 1.85 0.00	26.81 1.89 0.00	29.43 1.93 0.00	35.48 2.40 -1.03	44.68 2.34 -8.36	40.96 2.32 -7.66	34.72 1.78 -8.88	32.43 1.26 -12.69	28.88 0.77 -17.21	26.08 0.49 -18.92	24.93 0.41 -18.92
ASTORIA_GT_5 24106	27.70 1.74 -2.06	25.47 1.27 -7.08	25.32 1.20 -7.69	24.50 0.90 -11.45	25.64 1.29 -6.16	28.25 1.70 0.00	40.10 1.89 -1.77	44.21 2.19 -2.15	36.22 2.02 0.01	30.21 1.95 0.01	27.48 1.77 0.01	26.13 1.78 0.01	25.10 1.75 0.01	25.51 1.78 0.01	26.73 1.82 0.01	29.34 1.84 0.01	35.34 2.28 -1.02	44.61 2.28 -8.36	40.83 2.20 -7.66	34.64 1.71 -8.89	32.40 1.22 -12.70	28.89 0.76 -17.23	26.09 0.48 -18.94	24.95 0.42 -18.94
ASTORIA_GT_7 24107	27.70 1.74 -2.06	25.47 1.27 -7.08	25.32 1.20 -7.69	24.50 0.90 -11.45	25.64 1.29 -6.16	28.25 1.70 0.00	40.10 1.89 -1.77	44.21 2.19 -2.15	36.22 2.02 0.01	30.21 1.95 0.01	27.48 1.77 0.01	26.13 1.78 0.01	25.10 1.75 0.01	25.51 1.78 0.01	26.73 1.82 0.01	29.34 1.84 0.01	35.34 2.28 -1.02	44.61 2.28 -8.36	40.83 2.20 -7.66	34.64 1.71 -8.89	32.40 1.22 -12.70	28.89 0.76 -17.23	26.09 0.48 -18.94	24.95 0.42 -18.94
ASTORIA_GT_8 24108	27.70 1.74 -2.06	25.46 1.27 -7.07	25.31 1.20 -7.69	24.49 0.90 -11.44	25.63 1.29 -6.15	28.25 1.70 0.00	40.10 1.89 -1.77	44.22 2.19 -2.16	36.23 2.02 0.00	30.22 1.95 0.00	27.49 1.77 0.00	26.14 1.78 0.00	25.10 1.75 0.00	25.52 1.78 0.00	26.74 1.82 0.00	29.35 1.84 0.00	35.35 2.28 -1.03	44.58 2.24 -8.36	40.83 2.20 -7.66	34.64 1.71 -8.88	32.40 1.22 -12.69	28.85 0.74 -17.21	26.07 0.48 -18.92	24.93 0.42 -18.92
ASTORIA___2 24149	27.66 1.70 -2.06	25.44 1.23 -7.08	25.29 1.17 -7.69	24.49 0.89 -11.45	25.62 1.27 -6.16	28.20 1.65 0.00	40.03 1.82 -1.77	44.13 2.11 -2.15	36.15 1.95 0.01	30.16 1.89 0.01	27.43 1.72 0.01	26.08 1.73 0.01	25.05 1.70 0.01	25.46 1.73 0.01	26.68 1.77 0.01	29.28 1.79 0.01	35.28 2.21 -1.02	44.54 2.21 -8.36	40.77 2.14 -7.66	34.60 1.66 -8.89	32.37 1.18 -12.70	28.87 0.74 -17.23	26.08 0.47 -18.94	24.95 0.41 -18.94
ASTORIA___3 23516	27.53 1.58 -2.06	25.34 1.15 -7.07	25.18 1.07 -7.69	24.41 0.81 -11.44	25.51 1.17 -6.15	28.14 1.59 0.00	40.28 2.08 -1.77	44.42 2.39 -2.16	36.37 2.16 0.00	30.31 2.04 0.00	27.57 1.85 0.00	26.19 1.83 0.00	25.13 1.77 0.00	25.59 1.85 0.00	26.81 1.89 0.00	29.43 1.92 0.00	35.48 2.41 -1.03	44.72 2.38 -8.37	40.96 2.32 -7.66	34.72 1.78 -8.89	32.45 1.26 -12.71	28.92 0.80 -17.23	26.10 0.49 -18.94	24.95 0.41 -18.94
ASTORIA___4 23517	27.53 1.58 -2.06	25.33 1.13 -7.07	25.18 1.07 -7.69	24.41 0.81 -11.44	25.51 1.16 -6.15	28.14 1.59 0.00	40.28 2.08 -1.77	44.42 2.39 -2.16	36.37 2.16 0.00	30.31 2.04 0.00	27.57 1.85 0.00	26.19 1.83 0.00	25.13 1.77 0.00	25.59 1.85 0.00	26.81 1.89 0.00	29.43 1.93 0.00	35.48 2.40 -1.03	44.68 2.34 -8.36	40.96 2.32 -7.66	34.72 1.78 -8.88	32.43 1.26 -12.69	28.88 0.77 -17.21	26.08 0.49 -18.92	24.93 0.41 -18.92
ASTORIA___5 23518	27.53 1.58 -2.06	25.34 1.15 -7.07	25.18 1.07 -7.69	24.41 0.81 -11.44	25.51 1.17 -6.15	28.14 1.59 0.00	40.28 2.08 -1.77	44.42 2.39 -2.16	36.37 2.16 0.00	30.31 2.04 0.00	27.57 1.85 0.00	26.19 1.83 0.00	25.13 1.77 0.00	25.59 1.85 0.00	26.81 1.89 0.00	29.43 1.92 0.00	35.48 2.41 -1.03	44.72 2.38 -8.37	40.96 2.32 -7.66	34.72 1.78 -8.89	32.45 1.26 -12.71	28.92 0.80 -17.23	26.10 0.49 -18.94	24.95 0.41 -18.94
AST_ENERGY_2_CC3 323677	27.34 1.39 -2.06	25.17 0.98 -7.07	25.03 0.92 -7.69	24.32 0.73 -11.44	25.34 1.00 -6.15	27.98 1.43 0.00	35.91 2.08 2.60	41.58 2.43 0.72	36.32 2.12 0.02	30.20 1.95 0.02	27.47 1.77 0.02	26.10 1.75 0.02	25.02 1.68 0.02	25.45 1.73 0.02	26.70 1.79 0.02	29.33 1.84 0.02	35.37 2.31 -1.01	37.02 2.31 -0.73	37.19 2.26 -3.95	34.66 1.73 -8.88	32.43 1.26 -12.69	28.89 0.77 -17.22	26.05 0.45 -18.93	24.88 0.36 -18.93
AST_ENERGY_2_CC4 323678	27.34 1.39 -2.06	25.17 0.98 -7.07	25.03 0.92 -7.69	24.32 0.73 -11.44	25.34 1.00 -6.15	27.98 1.43 0.00	35.91 2.08 2.60	41.58 2.43 0.72	36.32 2.12 0.02	30.20 1.95 0.02	27.47 1.77 0.02	26.10 1.75 0.02	25.02 1.68 0.02	25.45 1.73 0.02	26.70 1.79 0.02	29.33 1.84 0.02	35.37 2.31 -1.01	37.02 2.31 -0.73	37.19 2.26 -3.95	34.66 1.73 -8.88	32.43 1.26 -12.69	28.89 0.77 -17.22	26.05 0.45 -18.93	24.88 0.36 -18.93
ATHENS_STG_1 23668	26.80 0.62 -2.28	25.42 0.44 -7.85	25.38 0.43 -8.53	25.17 0.32 -12.70	25.49 0.47 -6.83	27.27 0.72 0.00	39.42 1.02 -1.96	43.42 1.16 -2.40	35.17 0.96 0.00	29.06 0.79 0.00	26.36 0.64 0.00	25.02 0.66 0.00	24.01 0.65 0.00	24.45 0.71 0.00	25.64 0.72 0.00	28.27 0.77 0.00	34.25 1.06 -1.14	44.34 1.09 -9.28	40.50 1.02 -8.50	34.68 0.77 -9.86	33.13 0.55 -14.09	30.33 0.33 -19.11	27.87 0.20 -21.00	26.75 0.16 -21.00
ATHENS_STG_2 23670	26.80 0.62 -2.28	25.42 0.44 -7.85	25.38 0.43 -8.53	25.17 0.32 -12.70	25.49 0.47 -6.83	27.27 0.72 0.00	39.42 1.02 -1.96	43.42 1.16 -2.40	35.17 0.96 0.00	29.06 0.79 0.00	26.36 0.64 0.00	25.02 0.66 0.00	24.01 0.65 0.00	24.45 0.71 0.00	25.64 0.72 0.00	28.27 0.77 0.00	34.25 1.06 -1.14	44.34 1.09 -9.28	40.50 1.02 -8.50	34.68 0.77 -9.86	33.13 0.55 -14.09	30.33 0.33 -19.11	27.87 0.20 -21.00	26.75 0.16 -21.00

ATHENS_STG_3 23677	26.80 0.62 -2.28	25.42 0.44 -7.85	25.38 0.43 -8.53	25.17 0.32 -12.70	25.49 0.47 -6.83	27.27 0.72 0.00	39.42 1.02 -1.96	43.42 1.16 -2.40	35.17 0.96 0.00	29.06 0.79 0.00	26.36 0.64 0.00	25.02 0.66 0.00	24.01 0.65 0.00	24.45 0.71 0.00	25.64 0.72 0.00	28.27 0.77 0.00	34.25 1.06 -1.14	44.34 1.09 -9.28	40.50 1.02 -8.50	34.68 0.77 -9.86	33.13 0.55 -14.09	30.33 0.33 -19.11	27.87 0.20 -21.00	26.75 0.16 -21.00
AUBURN____LFGE 323710	24.71 0.33 -0.48	19.00 0.24 -1.64	18.44 0.23 -1.78	14.96 0.15 -2.66	19.88 0.25 -1.43	26.95 0.40 0.00	37.25 0.40 -0.41	40.81 0.44 -0.50	34.73 0.51 0.00	28.69 0.42 0.00	26.13 0.41 0.00	24.65 0.29 0.00	23.63 0.28 0.00	23.97 0.24 0.00	25.19 0.27 0.00	27.84 0.33 0.00	32.45 0.16 -0.24	36.43 0.51 -1.94	33.03 0.28 -1.78	26.40 0.29 -2.06	21.65 0.22 -2.95	15.01 0.12 -4.00	11.13 0.07 -4.39	10.05 0.07 -4.39
BABYLON_RES_REC 323704	42.69 1.93 -16.86	42.09 1.37 -23.60	41.38 1.31 -23.64	40.72 0.98 -27.58	40.79 1.42 -21.17	42.73 2.10 -14.08	52.17 3.02 -12.71	56.37 3.47 -13.03	46.29 2.98 -9.11	40.88 2.55 -10.06	30.47 2.32 -2.44	29.81 2.27 -3.19	28.44 2.17 -2.92	30.14 2.23 -4.17	33.37 2.34 -6.11	39.74 2.53 -9.71	61.95 3.08 -26.82	63.83 3.47 -26.38	49.93 3.13 -15.82	43.79 2.38 -17.36	41.34 1.74 -21.12	36.68 1.04 -24.74	35.50 0.61 -28.22	32.13 0.50 -26.05
BABYLON__69_KV_BK2 356345	42.95 2.20 -16.86	42.28 1.56 -23.60	41.56 1.49 -23.64	40.84 1.11 -27.58	40.98 1.62 -21.17	43.05 2.42 -14.08	52.64 3.50 -12.71	56.84 3.95 -13.03	46.74 3.42 -9.10	41.16 2.83 -10.06	30.78 2.62 -2.44	30.10 2.56 -3.19	28.72 2.45 -2.92	30.45 2.54 -4.17	33.67 2.64 -6.11	40.10 2.89 -9.71	62.36 3.49 -26.81	64.32 3.98 -26.37	50.42 3.62 -15.82	44.17 2.77 -17.35	41.51 1.92 -21.11	36.76 1.13 -24.73	35.58 0.71 -28.20	32.19 0.58 -26.03
BALL_HILL_WT_PWR 323825	24.75 0.29 -0.57	19.29 0.21 -1.96	18.80 0.25 -2.13	15.49 0.17 -3.17	20.17 0.27 -1.70	27.16 0.61 0.00	36.63 -0.29 -0.49	39.95 -0.52 -0.60	34.76 0.55 0.00	29.00 0.73 0.00	26.56 0.85 0.00	24.99 0.63 0.00	24.05 0.70 0.00	24.26 0.52 0.00	25.44 0.52 0.00	28.08 0.58 0.00	31.31 -1.03 -0.28	35.31 -0.99 -2.32	32.17 -0.93 -2.12	25.87 -0.65 -2.46	21.69 -0.31 -3.52	15.47 -0.20 -4.77	11.84 -0.07 -5.25	10.87 0.04 -5.25
BARON_WINDS____WT_PWR 323822	24.87 0.29 -0.68	19.68 0.21 -2.35	19.23 0.25 -2.55	16.14 0.18 -3.80	20.55 0.31 -2.04	27.27 0.72 0.00	37.28 0.26 -0.59	40.70 0.12 -0.72	35.00 0.79 0.00	29.12 0.85 0.00	26.59 0.87 0.00	25.04 0.68 0.00	24.05 0.70 0.00	24.33 0.59 0.00	25.51 0.60 0.00	28.19 0.69 0.00	32.07 -0.32 -0.34	36.45 -0.31 -2.78	33.21 -0.31 -2.55	26.84 -0.17 -2.95	22.61 -0.09 -4.22	16.54 -0.08 -5.72	12.93 -0.03 -6.29	11.91 0.03 -6.29
BARRETT_IC_1 23704	42.55 1.79 -16.86	41.99 1.27 -23.60	41.28 1.22 -23.64	40.65 0.91 -27.58	40.68 1.31 -21.17	42.59 1.96 -14.08	51.77 2.62 -12.71	55.92 3.03 -13.03	45.91 2.60 -9.10	40.68 2.35 -10.06	30.35 2.18 -2.45	29.69 2.14 -3.19	28.30 2.03 -2.92	30.02 2.11 -4.17	33.20 2.17 -6.11	39.38 2.17 -9.70	61.56 2.69 -26.81	63.17 2.82 -26.38	49.46 2.66 -15.82	43.43 2.02 -17.35	41.10 1.50 -21.12	36.56 0.92 -24.74	35.45 0.55 -28.23	32.08 0.45 -26.05
BARRETT_IC_10 23701	42.55 1.79 -16.86	41.99 1.27 -23.60	41.28 1.22 -23.64	40.65 0.91 -27.58	40.68 1.31 -21.17	42.59 1.96 -14.08	51.77 2.62 -12.71	55.92 3.03 -13.03	45.91 2.60 -9.10	40.68 2.35 -10.06	30.35 2.18 -2.45	29.69 2.14 -3.19	28.30 2.03 -2.92	30.02 2.11 -4.17	33.20 2.17 -6.11	39.38 2.17 -9.70	61.56 2.69 -26.81	63.17 2.82 -26.38	49.46 2.66 -15.82	43.43 2.02 -17.35	41.10 1.50 -21.12	36.56 0.92 -24.74	35.45 0.55 -28.23	32.08 0.45 -26.05
BARRETT_IC_11 23702	42.55 1.79 -16.86	41.99 1.27 -23.60	41.28 1.22 -23.64	40.65 0.91 -27.58	40.68 1.31 -21.17	42.59 1.96 -14.08	51.77 2.62 -12.71	55.92 3.03 -13.03	45.91 2.60 -9.10	40.68 2.35 -10.06	30.35 2.18 -2.45	29.69 2.14 -3.19	28.30 2.03 -2.92	30.02 2.11 -4.17	33.20 2.17 -6.11	39.38 2.17 -9.70	61.56 2.69 -26.81	63.17 2.82 -26.38	49.46 2.66 -15.82	43.43 2.02 -17.35	41.10 1.50 -21.12	36.56 0.92 -24.74	35.45 0.55 -28.23	32.08 0.45 -26.05
BARRETT_IC_12 23703	42.55 1.79 -16.86	41.99 1.27 -23.60	41.28 1.22 -23.64	40.65 0.91 -27.58	40.68 1.31 -21.17	42.59 1.96 -14.08	51.77 2.62 -12.71	55.92 3.03 -13.03	45.91 2.60 -9.10	40.68 2.35 -10.06	30.35 2.18 -2.45	29.69 2.14 -3.19	28.30 2.03 -2.92	30.02 2.11 -4.17	33.20 2.17 -6.11	39.38 2.17 -9.70	61.56 2.69 -26.81	63.17 2.82 -26.38	49.46 2.66 -15.82	43.43 2.02 -17.35	41.10 1.50 -21.12	36.56 0.92 -24.74	35.45 0.55 -28.23	32.08 0.45 -26.05
BARRETT_IC_2 23705	42.55 1.79 -16.86	41.99 1.27 -23.60	41.28 1.22 -23.64	40.65 0.91 -27.58	40.68 1.31 -21.17	42.59 1.96 -14.08	51.77 2.62 -12.71	55.92 3.03 -13.03	45.91 2.60 -9.10	40.68 2.35 -10.06	30.35 2.18 -2.45	29.69 2.14 -3.19	28.30 2.03 -2.92	30.02 2.11 -4.17	33.20 2.17 -6.11	39.38 2.17 -9.70	61.56 2.69 -26.81	63.17 2.82 -26.38	49.46 2.66 -15.82	43.43 2.02 -17.35	41.10 1.50 -21.12	36.56 0.92 -24.74	35.45 0.55 -28.23	32.08 0.45 -26.05
BARRETT_IC_3 23706	42.55 1.79 -16.86	41.99 1.27 -23.60	41.28 1.22 -23.64	40.65 0.91 -27.58	40.68 1.31 -21.17	42.59 1.96 -14.08	51.77 2.62 -12.71	55.92 3.03 -13.03	45.91 2.60 -9.10	40.68 2.35 -10.06	30.35 2.18 -2.45	29.69 2.14 -3.19	28.30 2.03 -2.92	30.02 2.11 -4.17	33.20 2.17 -6.11	39.38 2.17 -9.70	61.56 2.69 -26.81	63.17 2.82 -26.38	49.46 2.66 -15.82	43.43 2.02 -17.35	41.10 1.50 -21.12	36.56 0.92 -24.74	35.45 0.55 -28.23	32.08 0.45 -26.05
BARRETT_IC_4 23707	42.55 1.79 -16.86	41.99 1.27 -23.60	41.28 1.22 -23.64	40.65 0.91 -27.58	40.68 1.31 -21.17	42.59 1.96 -14.08	51.77 2.62 -12.71	55.92 3.03 -13.03	45.91 2.60 -9.10	40.68 2.35 -10.06	30.35 2.18 -2.45	29.69 2.14 -3.19	28.30 2.03 -2.92	30.02 2.11 -4.17	33.20 2.17 -6.11	39.38 2.17 -9.70	61.56 2.69 -26.81	63.17 2.82 -26.38	49.46 2.66 -15.82	43.43 2.02 -17.35	41.10 1.50 -21.12	36.56 0.92 -24.74	35.45 0.55 -28.23	32.08 0.45 -26.05
BARRETT_IC_5 23708	42.55 1.79 -16.86	41.99 1.27 -23.60	41.28 1.22 -23.64	40.65 0.91 -27.58	40.68 1.31 -21.17	42.59 1.96 -14.08	51.77 2.62 -12.71	55.92 3.03 -13.03	45.91 2.60 -9.10	40.68 2.35 -10.06	30.35 2.18 -2.45	29.69 2.14 -3.19	28.30 2.03 -2.92	30.02 2.11 -4.17	33.20 2.17 -6.11	39.38 2.17 -9.70	61.56 2.69 -26.81	63.17 2.82 -26.38	49.46 2.66 -15.82	43.43 2.02 -17.35	41.10 1.50 -21.12	36.56 0.92 -24.74	35.45 0.55 -28.23	32.08 0.45 -26.05
BARRETT_IC_6 23709	42.55 1.79 -16.86	41.99 1.27 -23.60	41.28 1.22 -23.64	40.65 0.91 -27.58	40.68 1.31 -21.17	42.59 1.96 -14.08	51.77 2.62 -12.71	55.92 3.03 -13.03	45.91 2.60 -9.10	40.68 2.35 -10.06	30.35 2.18 -2.45	29.69 2.14 -3.19	28.30 2.03 -2.92	30.02 2.11 -4.17	33.20 2.17 -6.11	39.38 2.17 -9.70	61.56 2.69 -26.81	63.17 2.82 -26.38	49.46 2.66 -15.82	43.43 2.02 -17.35	41.10 1.50 -21.12	36.56 0.92 -24.74	35.45 0.55 -28.23	32.08 0.45 -26.05

BARRETT_IC_7 23710	42.55 1.79 -16.86	41.99 1.27 -23.60	41.28 1.22 -23.64	40.64 0.91 -27.58	40.68 1.31 -21.17	42.57 1.94 -14.08	51.77 2.62 -12.71	55.92 3.03 -13.03	45.92 2.60 -9.10	40.65 2.32 -10.06	30.34 2.19 -2.44	29.69 2.14 -3.19	28.30 2.03 -2.92	30.02 2.11 -4.17	33.20 2.17 -6.11	39.38 2.17 -9.71	61.56 2.69 -26.81	63.10 2.75 -26.37	49.42 2.63 -15.81	43.44 2.04 -17.35	41.08 1.50 -21.10	36.53 0.90 -24.72	35.42 0.55 -28.20	32.06 0.45 -26.03
BARRETT_IC_8 23711	42.55 1.79 -16.86	41.99 1.27 -23.60	41.28 1.22 -23.64	40.65 0.91 -27.58	40.68 1.31 -21.17	42.59 1.96 -14.08	51.77 2.62 -12.71	55.92 3.03 -13.03	45.91 2.60 -9.10	40.68 2.35 -10.06	30.35 2.18 -2.45	29.69 2.14 -3.19	28.30 2.03 -2.92	30.02 2.11 -4.17	33.20 2.17 -6.11	39.38 2.17 -9.70	61.56 2.69 -26.81	63.17 2.82 -26.38	49.46 2.66 -15.82	43.43 2.02 -17.35	41.10 1.50 -21.12	36.56 0.92 -24.74	35.45 0.55 -28.23	32.08 0.45 -26.05
BARRETT_IC_9 23700	42.55 1.79 -16.86	41.99 1.27 -23.60	41.28 1.22 -23.64	40.65 0.91 -27.58	40.68 1.31 -21.17	42.59 1.96 -14.08	51.77 2.62 -12.71	55.92 3.03 -13.03	45.91 2.60 -9.10	40.68 2.35 -10.06	30.35 2.18 -2.45	29.69 2.14 -3.19	28.30 2.03 -2.92	30.02 2.11 -4.17	33.20 2.17 -6.11	39.38 2.17 -9.70	61.56 2.69 -26.81	63.17 2.82 -26.38	49.46 2.66 -15.82	43.43 2.02 -17.35	41.10 1.50 -21.12	36.56 0.92 -24.74	35.45 0.55 -28.23	32.08 0.45 -26.05
BARRETT___1 23545	42.55 1.79 -16.86	41.99 1.27 -23.60	41.28 1.22 -23.64	40.65 0.91 -27.58	40.68 1.31 -21.17	42.59 1.96 -14.08	51.77 2.62 -12.71	55.92 3.03 -13.03	45.91 2.60 -9.10	40.68 2.35 -10.06	30.35 2.18 -2.45	29.69 2.14 -3.19	28.30 2.03 -2.92	30.02 2.11 -4.17	33.20 2.17 -6.11	39.38 2.17 -9.70	61.56 2.69 -26.81	63.17 2.82 -26.38	49.46 2.66 -15.82	43.43 2.02 -17.35	41.10 1.50 -21.12	36.56 0.92 -24.74	35.45 0.55 -28.23	32.08 0.45 -26.05
BARRETT___2 23546	42.55 1.79 -16.86	41.99 1.27 -23.60	41.28 1.22 -23.64	40.65 0.91 -27.58	40.68 1.31 -21.17	42.59 1.96 -14.08	51.77 2.62 -12.71	55.92 3.03 -13.03	45.91 2.60 -9.10	40.68 2.35 -10.06	30.35 2.18 -2.45	29.69 2.14 -3.19	28.30 2.03 -2.92	30.02 2.11 -4.17	33.20 2.17 -6.11	39.38 2.17 -9.70	61.56 2.69 -26.81	63.17 2.82 -26.38	49.46 2.66 -15.82	43.43 2.02 -17.35	41.10 1.50 -21.12	36.56 0.92 -24.74	35.45 0.55 -28.23	32.08 0.45 -26.05
BATAVIA___115KV_TB1 55881	24.87 0.45 -0.53	19.24 0.31 -1.81	18.73 0.34 -1.96	15.32 0.24 -2.92	20.18 0.42 -1.57	27.05 0.50 0.00	36.92 0.04 -0.45	40.18 -0.24 -0.55	34.62 0.41 0.00	28.81 0.54 0.00	26.33 0.62 0.00	24.68 0.32 0.00	23.73 0.37 0.00	23.93 0.19 0.00	25.07 0.15 0.00	27.78 0.28 0.00	31.35 -0.96 -0.26	35.50 -0.61 -2.13	32.22 -0.71 -1.96	25.89 -0.43 -2.27	21.56 -0.17 -3.24	15.17 -0.12 -4.40	11.46 -0.04 -4.83	10.49 0.07 -4.83
BAYONEEC___CTG1 323682	27.38 1.43 -2.06	25.22 1.03 -7.07	25.08 0.97 -7.69	24.34 0.74 -11.44	25.40 1.05 -6.15	28.06 1.51 0.00	40.39 2.19 -1.77	44.58 2.55 -2.16	36.41 2.19 0.00	30.31 2.04 0.00	27.57 1.85 0.00	26.19 1.83 0.00	25.11 1.75 0.00	25.54 1.80 0.00	26.79 1.87 0.00	29.43 1.92 0.00	35.48 2.41 -1.03	44.72 2.38 -8.37	40.99 2.35 -7.66	34.75 1.80 -8.89	32.50 1.31 -12.71	28.93 0.81 -17.23	26.07 0.47 -18.94	24.90 0.37 -18.93
BAYONEEC___CTG10 323750	27.38 1.43 -2.06	25.22 1.03 -7.07	25.08 0.97 -7.69	24.34 0.74 -11.44	25.40 1.05 -6.15	28.06 1.51 0.00	40.39 2.19 -1.77	44.58 2.55 -2.16	36.41 2.19 0.00	30.31 2.04 0.00	27.57 1.85 0.00	26.19 1.83 0.00	25.11 1.75 0.00	25.54 1.80 0.00	26.79 1.87 0.00	29.43 1.92 0.00	35.48 2.41 -1.03	44.72 2.38 -8.37	40.99 2.35 -7.66	34.75 1.80 -8.89	32.50 1.31 -12.71	28.93 0.81 -17.23	26.07 0.47 -18.94	24.90 0.37 -18.93
BAYONEEC___CTG2 323683	27.38 1.43 -2.06	25.22 1.03 -7.07	25.08 0.97 -7.69	24.34 0.74 -11.44	25.40 1.05 -6.15	28.06 1.51 0.00	40.39 2.19 -1.77	44.58 2.55 -2.16	36.41 2.19 0.00	30.31 2.04 0.00	27.57 1.85 0.00	26.19 1.83 0.00	25.11 1.75 0.00	25.54 1.80 0.00	26.79 1.87 0.00	29.43 1.92 0.00	35.48 2.41 -1.03	44.72 2.38 -8.37	40.99 2.35 -7.66	34.75 1.80 -8.89	32.50 1.31 -12.71	28.93 0.81 -17.23	26.07 0.47 -18.94	24.90 0.37 -18.93
BAYONEEC___CTG3 323684	27.38 1.43 -2.06	25.22 1.03 -7.07	25.08 0.97 -7.69	24.34 0.74 -11.44	25.40 1.05 -6.15	28.06 1.51 0.00	40.39 2.19 -1.77	44.58 2.55 -2.16	36.41 2.19 0.00	30.31 2.04 0.00	27.57 1.85 0.00	26.19 1.83 0.00	25.11 1.75 0.00	25.54 1.80 0.00	26.79 1.87 0.00	29.43 1.92 0.00	35.48 2.41 -1.03	44.72 2.38 -8.37	40.99 2.35 -7.66	34.75 1.80 -8.89	32.50 1.31 -12.71	28.93 0.81 -17.23	26.07 0.47 -18.94	24.90 0.37 -18.93
BAYONEEC___CTG4 323685	27.38 1.43 -2.06	25.22 1.03 -7.07	25.08 0.97 -7.69	24.34 0.74 -11.44	25.40 1.05 -6.15	28.06 1.51 0.00	40.39 2.19 -1.77	44.58 2.55 -2.16	36.41 2.19 0.00	30.31 2.04 0.00	27.57 1.85 0.00	26.19 1.83 0.00	25.11 1.75 0.00	25.54 1.80 0.00	26.79 1.87 0.00	29.43 1.92 0.00	35.48 2.41 -1.03	44.72 2.38 -8.37	40.99 2.35 -7.66	34.75 1.80 -8.89	32.50 1.31 -12.71	28.93 0.81 -17.23	26.07 0.47 -18.94	24.90 0.37 -18.93
BAYONEEC___CTG5 323686	27.38 1.43 -2.06	25.22 1.03 -7.07	25.08 0.97 -7.69	24.34 0.74 -11.44	25.40 1.05 -6.15	28.06 1.51 0.00	40.39 2.19 -1.77	44.58 2.55 -2.16	36.41 2.19 0.00	30.31 2.04 0.00	27.57 1.85 0.00	26.19 1.83 0.00	25.11 1.75 0.00	25.54 1.80 0.00	26.79 1.87 0.00	29.43 1.92 0.00	35.48 2.41 -1.03	44.72 2.38 -8.37	40.99 2.35 -7.66	34.75 1.80 -8.89	32.50 1.31 -12.71	28.93 0.81 -17.23	26.07 0.47 -18.94	24.90 0.37 -18.93
BAYONEEC___CTG6 323687	27.38 1.43 -2.06	25.22 1.03 -7.07	25.08 0.97 -7.69	24.34 0.74 -11.44	25.40 1.05 -6.15	28.06 1.51 0.00	40.39 2.19 -1.77	44.58 2.55 -2.16	36.41 2.19 0.00	30.31 2.04 0.00	27.57 1.85 0.00	26.19 1.83 0.00	25.11 1.75 0.00	25.54 1.80 0.00	26.79 1.87 0.00	29.43 1.92 0.00	35.48 2.41 -1.03	44.72 2.38 -8.37	40.99 2.35 -7.66	34.75 1.80 -8.89	32.50 1.31 -12.71	28.93 0.81 -17.23	26.07 0.47 -18.94	24.90 0.37 -18.93
BAYONEEC___CTG7 323688	27.38 1.43 -2.06	25.22 1.03 -7.07	25.08 0.97 -7.69	24.34 0.74 -11.44	25.40 1.05 -6.15	28.06 1.51 0.00	40.39 2.19 -1.77	44.58 2.55 -2.16	36.41 2.19 0.00	30.31 2.04 0.00	27.57 1.85 0.00	26.19 1.83 0.00	25.11 1.75 0.00	25.54 1.80 0.00	26.79 1.87 0.00	29.43 1.92 0.00	35.48 2.41 -1.03	44.72 2.38 -8.37	40.99 2.35 -7.66	34.75 1.80 -8.89	32.50 1.31 -12.71	28.93 0.81 -17.23	26.07 0.47 -18.94	24.90 0.37 -18.93
BAYONEEC___CTG8 323689	27.38 1.43 -2.06	25.22 1.03 -7.07	25.08 0.97 -7.69	24.34 0.74 -11.44	25.40 1.05 -6.15	28.06 1.51 0.00	40.39 2.19 -1.77	44.58 2.55 -2.16	36.41 2.19 0.00	30.31 2.04 0.00	27.57 1.85 0.00	26.19 1.83 0.00	25.11 1.75 0.00	25.54 1.80 0.00	26.79 1.87 0.00	29.43 1.92 0.00	35.48 2.41 -1.03	44.72 2.38 -8.37	40.99 2.35 -7.66	34.75 1.80 -8.89	32.50 1.31 -12.71	28.93 0.81 -17.23	26.07 0.47 -18.94	24.90 0.37 -18.93

BAYONEEC___CTG9 323749	27.38 1.43 -2.06	25.22 1.03 -7.07	25.08 0.97 -7.69	24.34 0.74 -11.44	25.40 1.05 -6.15	28.06 1.51 0.00	40.39 2.19 -1.77	44.58 2.55 -2.16	36.41 2.19 0.00	30.31 2.04 0.00	27.57 1.85 0.00	26.19 1.83 0.00	25.11 1.75 0.00	25.54 1.80 0.00	26.79 1.87 0.00	29.43 1.92 0.00	35.48 2.41 -1.03	44.72 2.38 -8.37	40.99 2.35 -7.66	34.75 1.80 -8.89	32.50 1.31 -12.71	28.93 0.81 -17.23	26.07 0.47 -18.94	24.90 0.37 -18.93
BEACON___LESR 323632	27.02 0.65 -2.48	26.15 0.48 -8.55	26.17 0.46 -9.29	26.29 0.32 -13.82	26.15 0.53 -7.43	27.37 0.82 0.00	39.77 1.20 -2.14	43.75 1.28 -2.61	35.21 0.99 0.00	28.95 0.68 0.00	26.26 0.54 0.00	24.89 0.54 0.00	23.89 0.54 0.00	24.35 0.62 0.00	25.56 0.65 0.00	28.25 0.74 0.00	34.32 1.03 -1.24	45.25 1.16 -10.12	41.33 1.08 -9.27	35.58 0.77 -10.76	34.39 0.54 -15.37	32.04 0.30 -20.84	29.76 0.18 -22.91	28.63 0.13 -22.90
BEAVER RIVER___HYD 24048	16.78 -1.00 6.11	12.56 -0.72 3.84	12.14 -0.74 3.55	12.58 -0.55 -0.97	16.80 -0.85 0.54	25.46 -1.09 0.00	35.86 -0.73 -0.15	39.37 -0.68 -0.18	33.32 -0.89 0.00	27.34 -0.93 0.00	24.89 -0.82 0.00	23.56 -0.80 0.00	22.44 -0.91 0.00	22.64 -1.09 0.00	23.87 -1.05 0.00	26.62 -0.88 0.00	31.43 -0.71 -0.09	33.94 -0.75 -0.71	31.01 -0.62 -0.65	24.06 -0.75 -0.76	14.43 -0.61 3.44	9.06 -0.37 1.46	6.14 -0.24 0.29	5.25 -0.23 0.10
BEEBEE_GT_13 23619	24.51 0.14 -0.48	18.84 0.09 -1.63	18.30 0.10 -1.78	14.86 0.06 -2.64	19.76 0.15 -1.42	26.50 -0.05 0.00	36.52 -0.33 -0.41	39.77 -0.60 -0.50	33.94 -0.27 0.00	28.24 -0.03 0.00	25.79 0.08 0.00	24.24 -0.12 0.00	23.28 -0.07 0.00	23.55 -0.19 0.00	24.72 -0.20 0.00	27.31 -0.19 0.00	31.42 -0.87 -0.24	35.19 -0.71 -1.93	32.03 -0.71 -1.77	25.67 -0.43 -2.05	21.19 -0.22 -2.93	14.73 -0.14 -3.98	10.97 -0.07 -4.37	9.97 0.01 -4.37
BENSHRST_27_KV_BENSHRST_1 355998	27.74 1.79 -2.06	25.48 1.28 -7.07	25.31 1.20 -7.69	24.51 0.91 -11.44	25.63 1.29 -6.15	28.33 1.78 0.00	40.57 2.37 -1.77	44.70 2.67 -2.16	36.68 2.46 0.00	30.53 2.26 0.00	27.80 2.08 0.00	26.41 2.05 0.00	25.31 1.96 0.00	25.75 2.02 0.00	27.03 2.12 0.00	29.65 2.15 0.00	35.83 2.76 -1.03	45.05 2.72 -8.36	41.26 2.63 -7.66	34.98 2.04 -8.88	32.62 1.44 -12.69	28.98 0.87 -17.21	26.14 0.55 -18.92	24.96 0.45 -18.92
BETHLEHEM___GRP 23843	26.60 0.22 -2.49	25.87 0.19 -8.56	25.89 0.16 -9.30	26.09 0.10 -13.84	25.85 0.22 -7.44	26.87 0.32 0.00	39.01 0.44 -2.14	42.92 0.44 -2.61	34.52 0.31 0.00	28.50 0.23 0.00	25.84 0.13 0.00	24.55 0.19 0.00	23.56 0.21 0.00	24.02 0.28 0.00	25.22 0.30 0.00	27.75 0.25 0.00	33.74 0.45 -1.24	44.60 0.51 -10.11	40.67 0.43 -9.26	35.09 0.29 -10.75	34.02 0.18 -15.36	31.82 0.10 -20.82	29.62 0.06 -22.89	28.51 0.04 -22.88
BETHLEHEM___GS1 323560	26.60 0.21 -2.49	25.85 0.17 -8.56	25.89 0.16 -9.30	26.09 0.10 -13.84	25.85 0.22 -7.44	26.87 0.32 0.00	39.01 0.44 -2.14	42.92 0.44 -2.61	34.52 0.31 0.00	28.47 0.20 0.00	25.84 0.13 0.00	24.55 0.19 0.00	23.56 0.21 0.00	24.02 0.29 0.00	25.22 0.30 0.00	27.75 0.25 0.00	33.74 0.45 -1.24	44.62 0.51 -10.13	40.69 0.43 -9.28	35.11 0.29 -10.77	34.05 0.18 -15.39	31.86 0.10 -20.86	29.66 0.06 -22.93	28.56 0.04 -22.93
BETHLEHEM___GS2 323561	26.60 0.21 -2.49	25.85 0.17 -8.56	25.89 0.16 -9.30	26.09 0.10 -13.84	25.85 0.22 -7.44	26.87 0.32 0.00	39.01 0.44 -2.14	42.92 0.44 -2.61	34.52 0.31 0.00	28.47 0.20 0.00	25.84 0.13 0.00	24.55 0.19 0.00	23.56 0.21 0.00	24.02 0.29 0.00	25.22 0.30 0.00	27.75 0.25 0.00	33.74 0.45 -1.24	44.62 0.51 -10.13	40.69 0.43 -9.28	35.11 0.29 -10.77	34.05 0.18 -15.39	31.86 0.10 -20.86	29.66 0.06 -22.93	28.56 0.04 -22.93
BETHLEHEM___GS3 323562	26.60 0.21 -2.49	25.85 0.17 -8.56	25.89 0.16 -9.30	26.09 0.10 -13.84	25.85 0.22 -7.44	26.87 0.32 0.00	39.01 0.44 -2.14	42.92 0.44 -2.61	34.52 0.31 0.00	28.47 0.20 0.00	25.84 0.13 0.00	24.55 0.19 0.00	23.56 0.21 0.00	24.02 0.29 0.00	25.22 0.30 0.00	27.75 0.25 0.00	33.74 0.45 -1.24	44.62 0.51 -10.13	40.69 0.43 -9.28	35.11 0.29 -10.77	34.05 0.18 -15.39	31.86 0.10 -20.86	29.66 0.06 -22.93	28.56 0.04 -22.93
BETHLEHEM___STEEL 23779	24.65 0.19 -0.56	19.17 0.12 -1.93	18.69 0.16 -2.10	15.39 0.11 -3.12	20.05 0.18 -1.68	26.97 0.42 0.00	36.37 -0.55 -0.48	39.58 -0.88 -0.59	34.45 0.24 0.00	28.75 0.48 0.00	26.36 0.64 0.00	24.80 0.44 0.00	23.87 0.51 0.00	24.07 0.33 0.00	25.22 0.30 0.00	27.86 0.36 0.00	31.05 -1.28 -0.28	35.03 -1.22 -2.28	31.95 -1.12 -2.09	25.76 -0.72 -2.42	21.56 -0.39 -3.46	15.39 -0.21 -4.70	11.74 -0.09 -5.16	10.78 0.03 -5.16
BETHLHEM_115KV_TB1 79974	26.67 0.29 -2.49	25.90 0.22 -8.55	25.93 0.21 -9.29	26.12 0.13 -13.83	25.88 0.25 -7.43	26.95 0.40 0.00	39.12 0.55 -2.14	43.04 0.56 -2.61	34.62 0.41 0.00	28.58 0.31 0.00	25.92 0.21 0.00	24.63 0.27 0.00	23.63 0.28 0.00	24.09 0.36 0.00	25.29 0.37 0.00	27.84 0.33 0.00	33.84 0.54 -1.24	44.66 0.58 -10.11	40.76 0.53 -9.26	35.16 0.36 -10.74	34.07 0.24 -15.35	31.84 0.13 -20.81	29.63 0.08 -22.88	28.52 0.06 -22.87
BETHPAGE_CC_5 323564	42.62 1.86 -16.86	42.04 1.32 -23.60	41.33 1.26 -23.64	40.68 0.95 -27.58	40.71 1.35 -21.17	42.62 1.99 -14.08	51.99 2.84 -12.71	56.13 3.23 -13.03	46.12 2.81 -9.11	40.76 2.43 -10.06	30.42 2.26 -2.44	29.76 2.22 -3.19	28.40 2.12 -2.92	30.09 2.18 -4.17	33.30 2.27 -6.11	39.66 2.45 -9.71	61.79 2.92 -26.82	63.55 3.19 -26.38	49.74 2.94 -15.82	43.64 2.24 -17.35	41.24 1.64 -21.12	36.62 0.98 -24.74	35.48 0.59 -28.22	32.11 0.47 -26.05
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	24.63 0.17 -0.56	19.17 0.10 -1.94	18.67 0.13 -2.11	15.39 0.10 -3.14	20.04 0.16 -1.69	27.05 0.50 0.00	36.37 -0.55 -0.49	39.62 -0.84 -0.59	34.59 0.38 0.00	28.86 0.59 0.00	26.46 0.75 0.00	24.87 0.51 0.00	23.96 0.61 0.00	24.16 0.43 0.00	25.31 0.40 0.00	27.97 0.47 0.00	31.08 -1.25 -0.28	35.08 -1.19 -2.29	31.99 -1.08 -2.10	25.79 -0.70 -2.44	21.58 -0.39 -3.48	15.40 -0.22 -4.72	11.77 -0.09 -5.19	10.80 0.02 -5.19
BINGHAMTON___COGEN 23790	25.27 0.48 -0.90	20.56 0.34 -3.09	20.11 0.33 -3.36	17.39 0.23 -5.00	21.24 0.36 -2.69	27.19 0.64 0.00	37.83 0.62 -0.77	41.49 0.68 -0.94	35.00 0.79 0.00	28.98 0.71 0.00	26.41 0.69 0.00	24.94 0.58 0.00	23.91 0.56 0.00	24.28 0.55 0.00	25.49 0.57 0.00	28.17 0.66 0.00	32.88 0.38 -0.45	38.07 0.44 -3.65	34.76 0.43 -3.35	28.32 0.38 -3.88	24.33 0.30 -5.55	18.60 0.17 -7.52	15.05 0.11 -8.27	13.96 0.11 -8.27
BIXINCNT_115KV_LOAD 355685	24.45 -0.02 -0.58	19.08 -0.03 -1.99	18.64 0.05 -2.16	15.43 0.06 -3.22	20.07 0.15 -1.73	27.40 0.85 0.00	36.68 -0.26 -0.50	40.11 -0.36 -0.61	35.17 0.96 0.00	29.34 1.07 0.00	26.90 1.18 0.00	25.26 0.90 0.00	24.29 0.93 0.00	24.50 0.76 0.00	25.69 0.77 0.00	28.41 0.91 0.00	31.38 -0.96 -0.29	35.31 -1.02 -2.35	32.08 -1.05 -2.15	25.73 -0.82 -2.50	21.52 -0.54 -3.57	15.39 -0.35 -4.84	11.80 -0.19 -5.32	10.83 -0.08 -5.32

BLACK RIVER___HYD 24047	20.59 -0.19 3.11	15.56 -0.12 1.45	15.02 -0.16 1.24	13.56 -0.12 -1.53	18.30 -0.15 -0.25	26.44 -0.11 0.00	37.15 0.47 -0.24	40.67 0.52 -0.29	34.25 0.03 0.00	28.07 -0.20 0.00	25.59 -0.13 0.00	24.09 -0.27 0.00	22.96 -0.40 0.00	23.24 -0.50 0.00	24.47 -0.45 0.00	27.34 -0.16 0.00	32.28 0.10 -0.14	35.30 0.21 -1.12	32.28 0.28 -1.02	25.36 0.12 -1.19	17.76 0.02 0.74	11.63 0.01 -0.72	8.15 -0.03 -1.51	7.14 -0.06 -1.61
BLACKRVR_115KV_TB2 79977	20.59 -0.19 3.11	15.55 -0.12 1.45	15.02 -0.16 1.24	13.56 -0.12 -1.53	18.30 -0.15 -0.25	26.44 -0.11 0.00	37.15 0.47 -0.24	40.67 0.52 -0.29	34.25 0.03 0.00	28.07 -0.20 0.00	25.59 -0.13 0.00	24.09 -0.27 0.00	22.96 -0.40 0.00	23.24 -0.50 0.00	24.47 -0.45 0.00	27.34 -0.17 0.00	32.28 0.10 -0.14	35.30 0.20 -1.12	32.28 0.28 -1.02	25.36 0.12 -1.19	17.76 0.02 0.74	11.63 0.01 -0.72	8.15 -0.03 -1.51	7.14 -0.06 -1.61
BLISS_WT_PWR 323608	24.35 -0.12 -0.58	19.03 -0.09 -1.99	18.59 0.00 -2.16	15.41 0.04 -3.22	20.05 0.13 -1.73	27.40 0.85 0.00	36.68 -0.25 -0.50	40.11 -0.36 -0.61	35.17 0.96 0.00	29.37 1.10 0.00	26.90 1.18 0.00	25.26 0.90 0.00	24.31 0.96 0.00	24.52 0.78 0.00	25.69 0.77 0.00	28.41 0.91 0.00	31.41 -0.93 -0.29	35.24 -1.09 -2.35	32.02 -1.11 -2.15	25.61 -0.94 -2.50	21.45 -0.61 -3.57	15.33 -0.41 -4.84	11.76 -0.23 -5.32	10.80 -0.11 -5.32
BLUESTONE___WT_PWR 323821	26.43 1.60 -0.93	21.51 1.18 -3.20	21.04 1.13 -3.48	18.17 0.84 -5.18	22.29 1.31 -2.78	28.67 2.12 0.00	40.37 3.13 -0.80	44.31 3.47 -0.98	37.02 2.81 0.00	30.48 2.21 0.00	27.77 2.06 0.00	26.14 1.78 0.00	24.94 1.59 0.00	25.33 1.59 0.00	26.63 1.72 0.00	29.73 2.23 0.00	34.95 2.43 -0.46	40.41 2.65 -3.79	36.83 2.39 -3.47	29.88 1.80 -4.03	25.51 1.27 -5.75	19.46 0.76 -7.80	15.68 0.44 -8.57	14.51 0.35 -8.57
BLUE_CIRC_CHEM_DRP 24182	26.85 0.48 -2.48	26.01 0.36 -8.53	26.04 0.34 -9.27	26.19 0.24 -13.80	25.99 0.38 -7.41	27.16 0.61 0.00	39.37 0.80 -2.13	43.35 0.88 -2.61	34.93 0.72 0.00	28.84 0.57 0.00	26.13 0.41 0.00	24.82 0.46 0.00	23.80 0.44 0.00	24.26 0.52 0.00	25.46 0.55 0.00	28.08 0.58 0.00	34.09 0.80 -1.24	44.90 0.85 -10.08	40.98 0.77 -9.23	35.34 0.58 -10.71	34.20 0.41 -15.31	31.88 0.23 -20.75	29.63 0.15 -22.82	28.51 0.11 -22.81
BOC_GAS_DRP 24189	26.83 0.45 -2.48	25.98 0.33 -8.53	26.01 0.31 -9.27	26.19 0.23 -13.80	25.96 0.35 -7.42	27.11 0.56 0.00	39.33 0.77 -2.13	43.27 0.80 -2.61	34.86 0.65 0.00	28.81 0.54 0.00	26.13 0.41 0.00	24.80 0.44 0.00	23.80 0.44 0.00	24.23 0.50 0.00	25.44 0.52 0.00	28.03 0.52 0.00	34.06 0.77 -1.24	44.84 0.78 -10.08	40.92 0.71 -9.24	35.32 0.55 -10.72	34.17 0.37 -15.31	31.88 0.22 -20.76	29.63 0.13 -22.82	28.52 0.11 -22.82
BOONVILLE_115KV_TB1 79983	21.88 0.05 2.06	16.13 0.05 1.04	15.54 0.03 0.92	13.02 0.02 -0.84	18.31 0.04 -0.08	26.71 0.16 0.00	37.19 0.62 -0.13	40.78 0.76 -0.16	34.66 0.44 0.00	28.53 0.25 0.00	26.00 0.28 0.00	24.55 0.19 0.00	23.45 0.09 0.00	23.76 0.02 0.00	24.99 0.07 0.00	27.78 0.28 0.00	32.57 0.45 -0.08	34.96 0.37 -0.61	31.97 0.43 -0.56	24.92 0.22 -0.65	17.93 0.11 0.66	11.21 0.08 -0.23	7.42 0.03 -0.72	6.38 0.01 -0.79
BORALEX_4TH_BRANCH 23824	27.30 0.93 -2.48	26.31 0.67 -8.52	26.32 0.64 -9.25	26.40 0.47 -13.77	26.30 0.71 -7.40	27.77 1.22 0.00	40.31 1.75 -2.13	44.30 1.83 -2.60	35.72 1.51 0.00	29.26 0.99 0.00	26.41 0.69 0.00	25.14 0.78 0.00	24.10 0.75 0.00	24.66 0.93 0.00	25.89 0.97 0.00	28.55 1.05 0.00	34.79 1.51 -1.23	45.63 1.60 -10.06	41.56 1.36 -9.22	35.81 1.06 -10.70	34.52 0.76 -15.28	32.06 0.45 -20.72	29.73 0.28 -22.78	28.59 0.22 -22.77
BOWLINE___1 23526	27.14 1.24 -2.00	24.89 0.87 -6.90	24.76 0.84 -7.49	23.94 0.63 -11.15	25.08 0.89 -5.99	27.88 1.33 0.00	40.05 1.89 -1.72	44.16 2.19 -2.11	36.09 1.88 0.00	29.94 1.67 0.00	27.21 1.49 0.00	25.85 1.49 0.00	24.75 1.40 0.00	25.21 1.47 0.00	26.44 1.52 0.00	29.10 1.59 0.00	35.07 2.02 -1.00	44.27 2.14 -8.16	40.43 1.98 -7.47	34.24 1.52 -8.67	31.98 1.11 -12.39	28.36 0.66 -16.80	25.52 0.39 -18.46	24.36 0.31 -18.46
BOWLINE___2 23595	27.14 1.24 -2.01	24.89 0.87 -6.90	24.76 0.84 -7.50	23.94 0.63 -11.16	25.08 0.89 -6.00	27.88 1.33 0.00	40.05 1.89 -1.72	44.16 2.19 -2.11	36.06 1.85 0.00	29.94 1.67 0.00	27.21 1.49 0.00	25.85 1.49 0.00	24.75 1.40 0.00	25.21 1.47 0.00	26.44 1.52 0.00	29.07 1.57 0.00	35.04 1.99 -1.00	44.24 2.11 -8.16	40.43 1.98 -7.47	34.24 1.52 -8.67	31.97 1.09 -12.39	28.36 0.66 -16.80	25.53 0.39 -18.47	24.36 0.31 -18.47
BRADY___115KV_TB2 356060	2.85 -3.11 17.94	2.36 -2.33 12.43	2.41 -2.30 11.72	10.97 -1.70 -0.51	12.57 -2.84 2.78	22.62 -3.93 0.00	32.80 -3.72 -0.08	36.26 -3.71 -0.10	30.76 -3.46 0.00	25.16 -3.11 0.00	23.01 -2.70 0.00	21.95 -2.41 0.00	20.92 -2.43 0.00	20.77 -2.97 0.00	22.00 -2.92 0.00	24.53 -2.97 0.00	29.28 -2.82 -0.05	31.32 -3.02 -0.37	28.56 -2.76 -0.34	21.51 -2.93 -0.39	3.87 -2.18 12.44	1.91 -1.33 7.65	1.25 -0.80 4.62	0.82 -0.69 4.08
BRANSCOMB___SOLAR 323811	27.73 1.29 -2.54	26.77 0.91 -8.74	26.81 0.89 -9.50	26.95 0.66 -14.14	26.79 1.00 -7.60	28.17 1.62 0.00	41.03 2.40 -2.19	45.01 2.47 -2.67	36.13 1.91 0.00	29.60 1.33 0.00	26.77 1.05 0.00	25.29 0.93 0.00	24.29 0.94 0.00	24.73 1.00 0.00	26.01 1.10 0.00	28.80 1.29 0.00	34.99 1.67 -1.27	46.25 1.90 -10.37	42.15 1.67 -9.50	36.30 1.23 -11.02	35.14 0.91 -15.75	32.76 0.51 -21.35	30.48 0.33 -23.47	29.34 0.28 -23.47
BRENTWOD_69_KV_W. BRTWOOD 56703	42.86 2.10 -16.86	42.21 1.49 -23.60	41.49 1.43 -23.64	40.80 1.07 -27.58	40.91 1.55 -21.17	42.97 2.34 -14.08	52.50 3.35 -12.71	56.72 3.83 -13.03	46.60 3.28 -9.10	41.07 2.74 -10.06	30.70 2.55 -2.44	30.03 2.48 -3.19	28.65 2.38 -2.92	30.38 2.47 -4.17	33.57 2.54 -6.11	39.99 2.78 -9.71	62.23 3.37 -26.81	64.15 3.81 -26.37	50.23 3.44 -15.82	44.05 2.65 -17.35	41.37 1.77 -21.11	36.68 1.06 -24.73	35.54 0.67 -28.20	32.17 0.55 -26.03
BRISTLHL_115KV_TB1 79998	23.66 -0.14 0.09	17.97 -0.10 -0.95	17.41 -0.10 -1.08	14.15 -0.07 -2.07	19.12 -0.11 -1.03	26.36 -0.19 0.00	36.36 -0.40 -0.32	39.82 -0.44 -0.39	33.91 -0.31 0.00	28.02 -0.25 0.00	25.53 -0.18 0.00	24.12 -0.24 0.00	23.14 -0.21 0.00	23.50 -0.24 0.00	24.67 -0.25 0.00	27.23 -0.28 0.00	31.79 -0.45 -0.19	34.98 -0.51 -1.51	31.99 -0.37 -1.38	25.47 -0.19 -1.61	20.32 -0.13 -1.96	13.72 -0.08 -2.90	9.90 -0.05 -3.28	8.86 -0.03 -3.30
BROOKHAVEN___DRP 24191	42.71 1.96 -16.86	42.11 1.39 -23.60	41.38 1.31 -23.64	40.72 0.98 -27.58	40.80 1.44 -21.17	42.81 2.18 -14.08	52.21 3.06 -12.71	56.36 3.47 -13.03	46.33 3.01 -9.10	40.85 2.52 -10.06	30.52 2.37 -2.44	29.86 2.31 -3.19	28.49 2.22 -2.92	30.23 2.33 -4.17	33.47 2.44 -6.11	39.82 2.61 -9.71	61.97 3.11 -26.81	64.02 3.67 -26.37	50.14 3.31 -15.85	44.01 2.57 -17.39	41.55 1.92 -21.15	36.79 1.12 -24.77	35.53 0.66 -28.20	32.15 0.53 -26.03

BROOKLYN_NAVY_YARD 23515	27.36 1.41 -2.06	25.21 1.01 -7.07	25.06 0.95 -7.69	24.32 0.73 -11.44	25.38 1.04 -6.15	28.04 1.49 0.00	40.39 2.19 -1.77	44.58 2.55 -2.16	36.44 2.22 0.00	30.33 2.06 0.00	27.57 1.85 0.00	26.19 1.83 0.00	25.11 1.75 0.00	25.56 1.83 0.00	26.81 1.89 0.00	29.43 1.92 0.00	35.48 2.41 -1.03	44.79 2.45 -8.37	41.02 2.39 -7.66	34.77 1.83 -8.89	32.52 1.33 -12.71	28.93 0.81 -17.23	26.07 0.47 -18.94	24.90 0.37 -18.93
BROOKLYN___ARMY_DRP 323595	27.67 1.72 -2.06	25.41 1.22 -7.07	25.26 1.15 -7.69	24.46 0.86 -11.44	25.58 1.24 -6.15	28.22 1.67 0.00	40.43 2.22 -1.77	44.54 2.51 -2.16	36.51 2.29 0.00	30.42 2.15 0.00	27.67 1.95 0.00	26.28 1.92 0.00	25.20 1.84 0.00	25.66 1.92 0.00	26.91 1.99 0.00	29.54 2.04 0.00	35.67 2.60 -1.03	44.88 2.55 -8.36	41.11 2.48 -7.66	34.86 1.92 -8.88	32.53 1.35 -12.69	28.94 0.83 -17.21	26.10 0.51 -18.92	24.94 0.42 -18.92
BROOKVLE_69_KV_TB1 55790	42.71 1.96 -16.86	42.11 1.39 -23.60	41.38 1.31 -23.64	40.72 0.98 -27.58	40.78 1.42 -21.17	42.75 2.12 -14.08	52.17 3.02 -12.71	56.36 3.47 -13.03	46.29 2.98 -9.10	40.90 2.57 -10.06	30.52 2.37 -2.44	29.86 2.31 -3.19	28.47 2.20 -2.92	30.19 2.28 -4.17	33.40 2.37 -6.11	39.74 2.53 -9.71	61.97 3.11 -26.81	63.68 3.33 -26.37	49.86 3.07 -15.81	43.75 2.36 -17.35	41.32 1.74 -21.10	36.64 1.01 -24.72	35.47 0.60 -28.20	32.10 0.49 -26.03
BROOME_2_LFGE 323671	25.27 0.48 -0.90	20.56 0.34 -3.09	20.11 0.33 -3.36	17.39 0.23 -5.00	21.24 0.36 -2.69	27.19 0.64 0.00	37.83 0.62 -0.77	41.49 0.68 -0.94	35.00 0.79 0.00	29.00 0.73 0.00	26.41 0.69 0.00	24.94 0.58 0.00	23.91 0.56 0.00	24.28 0.55 0.00	25.49 0.57 0.00	28.16 0.66 0.00	32.89 0.39 -0.45	38.07 0.44 -3.66	34.76 0.43 -3.35	28.32 0.38 -3.89	24.33 0.29 -5.55	18.60 0.17 -7.53	15.05 0.11 -8.27	13.97 0.11 -8.27
BROOME___LFGE 323600	25.27 0.48 -0.90	20.56 0.34 -3.09	20.11 0.33 -3.36	17.39 0.23 -5.00	21.24 0.36 -2.69	27.19 0.64 0.00	37.83 0.62 -0.77	41.49 0.68 -0.94	35.00 0.79 0.00	29.00 0.73 0.00	26.41 0.69 0.00	24.94 0.58 0.00	23.91 0.56 0.00	24.28 0.55 0.00	25.49 0.57 0.00	28.16 0.66 0.00	32.89 0.39 -0.45	38.07 0.44 -3.66	34.76 0.43 -3.35	28.32 0.38 -3.89	24.33 0.29 -5.55	18.60 0.17 -7.53	15.05 0.11 -8.27	13.97 0.11 -8.27
BROWNFLS_115KV_TB_3_5 80003	11.03 -2.05 10.81	8.36 -1.51 7.25	8.13 -1.49 6.80	11.84 -1.11 -0.79	14.98 -1.78 1.43	24.11 -2.44 0.00	34.34 -2.22 -0.12	37.78 -2.23 -0.15	32.02 -2.19 0.00	26.24 -2.04 0.00	23.97 -1.75 0.00	22.73 -1.63 0.00	21.67 -1.68 0.00	21.74 -1.99 0.00	22.95 -1.97 0.00	25.58 -1.93 0.00	30.36 -1.76 -0.07	32.65 -1.90 -0.58	29.80 -1.70 -0.53	22.86 -1.80 -0.61	10.11 -1.37 7.00	6.16 -0.83 3.91	4.15 -0.52 2.00	3.46 -0.46 1.67
BROWNSV1_27_KV_LOAD 356125	27.58 1.62 -2.06	25.34 1.15 -7.07	25.20 1.08 -7.69	24.42 0.83 -11.44	25.52 1.18 -6.15	28.25 1.70 0.00	40.68 2.48 -1.77	44.90 2.87 -2.16	36.71 2.50 0.00	30.56 2.29 0.00	27.77 2.06 0.00	26.41 2.05 0.00	25.29 1.94 0.00	25.75 2.02 0.00	27.01 2.09 0.00	29.65 2.15 0.00	35.74 2.66 -1.03	45.05 2.72 -8.36	41.26 2.63 -7.66	34.96 2.02 -8.88	32.64 1.46 -12.69	28.98 0.87 -17.21	26.11 0.52 -18.92	24.92 0.42 -18.92
BURROWS___LYONSDAL 23803	20.90 -0.14 2.85	15.43 -0.10 1.59	14.86 -0.13 1.43	12.92 -0.10 -0.87	18.02 -0.13 0.04	26.47 -0.08 0.00	36.93 0.36 -0.13	40.51 0.48 -0.16	34.38 0.17 0.00	28.27 0.00 0.00	25.77 0.05 0.00	24.36 0.00 0.00	23.24 -0.12 0.00	23.52 -0.21 0.00	24.77 -0.15 0.00	27.53 0.03 0.00	32.35 0.22 -0.08	34.78 0.17 -0.63	31.80 0.25 -0.58	24.75 0.02 -0.67	17.26 -0.02 1.20	10.79 -0.01 0.10	7.17 -0.03 -0.52	6.16 -0.04 -0.61
CAITHNESS_CC_1 323624	42.64 1.89 -16.86	42.06 1.34 -23.60	41.33 1.26 -23.64	40.68 0.95 -27.58	40.75 1.38 -21.17	42.73 2.10 -14.08	52.10 2.95 -12.71	56.21 3.31 -13.03	46.23 2.91 -9.11	40.76 2.43 -10.06	30.47 2.32 -2.44	29.81 2.27 -3.19	28.44 2.17 -2.92	30.16 2.26 -4.17	33.40 2.37 -6.11	39.74 2.53 -9.71	61.88 3.01 -26.82	63.96 3.60 -26.38	50.00 3.16 -15.86	43.90 2.45 -17.40	41.49 1.85 -21.16	36.78 1.10 -24.78	35.52 0.63 -28.22	32.15 0.51 -26.05
CALPINE BETH_PAGE_GT4 24209	42.57 1.82 -16.86	42.01 1.28 -23.60	41.29 1.23 -23.64	40.66 0.92 -27.58	40.62 1.26 -21.17	42.49 1.86 -14.08	51.84 2.70 -12.71	55.96 3.07 -13.03	45.95 2.63 -9.10	40.65 2.32 -10.06	30.34 2.19 -2.44	29.69 2.14 -3.19	28.33 2.06 -2.92	30.04 2.14 -4.17	33.25 2.22 -6.11	39.58 2.37 -9.71	61.65 2.79 -26.81	63.37 3.02 -26.37	49.58 2.79 -15.81	43.54 2.14 -17.35	41.16 1.57 -21.10	36.54 0.92 -24.72	35.44 0.57 -28.20	32.08 0.46 -26.03
CALPINE_BETH_PAGE_GT_4 323586	42.57 1.82 -16.86	42.01 1.28 -23.60	41.30 1.23 -23.64	40.66 0.92 -27.58	40.62 1.25 -21.17	42.49 1.86 -14.08	51.85 2.70 -12.71	55.97 3.07 -13.03	45.95 2.63 -9.10	40.65 2.32 -10.06	30.37 2.21 -2.44	29.71 2.17 -3.19	28.33 2.06 -2.92	30.04 2.14 -4.17	33.25 2.22 -6.11	39.58 2.37 -9.71	61.66 2.79 -26.82	63.42 3.06 -26.38	49.59 2.79 -15.82	43.55 2.14 -17.35	41.17 1.57 -21.12	36.58 0.94 -24.74	35.46 0.57 -28.22	32.10 0.46 -26.05
CALPINE_BP_GT1 23823	42.57 1.82 -16.86	42.01 1.28 -23.60	41.30 1.23 -23.64	40.66 0.92 -27.58	40.62 1.25 -21.17	42.49 1.86 -14.08	51.85 2.70 -12.71	55.97 3.07 -13.03	45.95 2.63 -9.10	40.65 2.32 -10.06	30.37 2.21 -2.44	29.71 2.17 -3.19	28.33 2.06 -2.92	30.04 2.14 -4.17	33.25 2.22 -6.11	39.58 2.37 -9.71	61.66 2.79 -26.82	63.42 3.06 -26.38	49.59 2.79 -15.82	43.55 2.14 -17.35	41.17 1.57 -21.12	36.58 0.94 -24.74	35.46 0.57 -28.22	32.10 0.46 -26.05
CALSPAN___DRP 24200	24.65 0.19 -0.56	19.17 0.12 -1.93	18.69 0.16 -2.10	15.39 0.11 -3.12	20.05 0.18 -1.68	26.97 0.42 0.00	36.37 -0.55 -0.48	39.58 -0.88 -0.59	34.45 0.24 0.00	28.75 0.48 0.00	26.36 0.64 0.00	24.80 0.44 0.00	23.87 0.51 0.00	24.07 0.33 0.00	25.22 0.30 0.00	27.86 0.36 0.00	31.05 -1.28 -0.28	35.03 -1.22 -2.28	31.95 -1.12 -2.09	25.76 -0.72 -2.42	21.56 -0.39 -3.46	15.39 -0.21 -4.70	11.74 -0.09 -5.16	10.78 0.03 -5.16
CALVERTON___SOLAR 323806	42.81 2.06 -16.86	42.18 1.45 -23.60	41.44 1.38 -23.64	40.75 1.02 -27.58	40.87 1.51 -21.17	42.91 2.28 -14.08	52.36 3.21 -12.71	56.53 3.63 -13.03	46.47 3.15 -9.11	40.93 2.60 -10.06	30.62 2.47 -2.44	29.93 2.39 -3.19	28.56 2.29 -2.92	30.30 2.40 -4.17	33.57 2.54 -6.11	39.94 2.72 -9.71	62.14 3.27 -26.82	64.30 3.94 -26.38	50.31 3.47 -15.86	44.14 2.69 -17.40	41.66 2.01 -21.16	36.87 1.19 -24.78	35.58 0.69 -28.22	32.19 0.55 -26.05
CANDIGU_WT_PWR 323617	24.87 0.29 -0.68	19.68 0.21 -2.35	19.23 0.25 -2.55	16.14 0.18 -3.80	20.55 0.31 -2.04	27.27 0.72 0.00	37.28 0.26 -0.59	40.70 0.12 -0.72	35.00 0.79 0.00	29.12 0.85 0.00	26.59 0.87 0.00	25.04 0.68 0.00	24.05 0.70 0.00	24.33 0.59 0.00	25.51 0.60 0.00	28.19 0.69 0.00	32.07 -0.32 -0.34	36.45 -0.31 -2.78	33.21 -0.31 -2.55	26.84 -0.17 -2.95	22.61 -0.09 -4.22	16.54 -0.08 -5.72	12.93 -0.03 -6.29	11.91 0.03 -6.29

CARR STREET_E_SYR 24060	23.93 0.02 -0.01	18.24 0.02 -1.10	17.67 0.02 -1.23	14.39 0.01 -2.22	19.34 0.02 -1.13	26.55 0.00 0.00	36.63 -0.15 -0.34	40.13 -0.16 -0.42	34.15 -0.07 0.00	28.24 -0.03 0.00	25.74 0.03 0.00	24.31 -0.05 0.00	23.33 -0.02 0.00	23.69 -0.05 0.00	24.87 -0.05 0.00	27.45 -0.05 0.00	31.99 -0.26 -0.20	35.36 -0.24 -1.62	32.28 -0.18 -1.49	25.73 -0.05 -1.73	20.65 -0.02 -2.19	14.05 -0.01 -3.16	10.22 -0.01 -3.56	9.17 0.01 -3.57
CARTHAGE___PAPER 23857	18.88 -0.74 4.27	14.22 -0.53 2.37	13.73 -0.56 2.13	13.06 -0.41 -1.32	17.50 -0.64 0.06	25.78 -0.77 0.00	36.35 -0.29 -0.20	39.88 -0.24 -0.25	33.63 -0.58 0.00	27.57 -0.71 0.00	25.10 -0.62 0.00	23.70 -0.66 0.00	22.58 -0.77 0.00	22.81 -0.93 0.00	24.04 -0.87 0.00	26.82 -0.69 0.00	31.72 -0.45 -0.12	34.56 -0.37 -0.96	31.58 -0.28 -0.88	24.64 -0.43 -1.02	16.31 -0.39 1.79	10.54 -0.24 0.12	7.31 -0.17 -0.81	6.36 -0.18 -0.95
CASSADAGA_WT_PWR 323784	24.90 0.43 -0.58	19.45 0.34 -1.99	18.99 0.41 -2.16	15.68 0.32 -3.21	20.45 0.53 -1.73	27.64 1.09 0.00	37.40 0.47 -0.50	40.95 0.48 -0.61	35.75 1.54 0.00	29.85 1.58 0.00	27.36 1.65 0.00	25.72 1.36 0.00	24.73 1.38 0.00	24.92 1.19 0.00	26.14 1.22 0.00	28.91 1.40 0.00	32.12 -0.22 -0.29	35.98 -0.34 -2.35	32.60 -0.53 -2.15	25.97 -0.58 -2.50	21.72 -0.33 -3.56	15.49 -0.24 -4.83	11.84 -0.14 -5.31	10.87 -0.03 -5.31
CE_DUNWOOD___DRP 24194	27.29 1.34 -2.05	25.13 0.94 -7.07	25.01 0.90 -7.68	24.26 0.68 -11.43	25.30 0.96 -6.14	27.98 1.43 0.00	40.28 2.08 -1.77	44.46 2.43 -2.16	36.30 2.09 0.00	30.11 1.84 0.00	27.36 1.65 0.00	25.99 1.63 0.00	24.92 1.56 0.00	25.37 1.64 0.00	26.61 1.69 0.00	29.27 1.76 0.00	35.29 2.21 -1.02	44.63 2.31 -8.35	40.79 2.17 -7.65	34.59 1.66 -8.87	32.36 1.20 -12.68	28.80 0.71 -17.19	25.99 0.42 -18.90	24.82 0.34 -18.90
CE_MILLWOOD___DRP 24193	27.23 1.29 -2.05	25.08 0.91 -7.05	24.95 0.87 -7.66	24.21 0.66 -11.40	25.26 0.95 -6.12	27.93 1.38 0.00	40.20 2.00 -1.76	44.33 2.31 -2.15	36.20 1.98 0.00	30.02 1.75 0.00	27.28 1.57 0.00	25.92 1.56 0.00	24.82 1.47 0.00	25.28 1.54 0.00	26.51 1.59 0.00	29.18 1.68 0.00	35.19 2.12 -1.02	44.51 2.21 -8.33	40.68 2.08 -7.63	34.49 1.59 -8.85	32.27 1.15 -12.65	28.72 0.68 -17.15	25.92 0.40 -18.85	24.76 0.32 -18.84
CE_NYC2_DRP 24202	27.53 1.58 -2.06	25.33 1.13 -7.07	25.18 1.07 -7.69	24.41 0.81 -11.44	25.51 1.16 -6.15	28.14 1.59 0.00	40.32 2.11 -1.77	44.46 2.43 -2.16	36.40 2.19 0.00	30.33 2.06 0.00	27.59 1.88 0.00	26.21 1.85 0.00	25.15 1.80 0.00	25.59 1.85 0.00	26.83 1.92 0.00	29.46 1.95 0.00	35.51 2.44 -1.03	44.75 2.41 -8.36	40.99 2.35 -7.66	34.74 1.80 -8.88	32.47 1.29 -12.69	28.89 0.78 -17.21	26.08 0.49 -18.92	24.92 0.41 -18.92
CE_NYC_DRP 24195	27.41 1.46 -2.06	25.22 1.03 -7.07	25.10 0.99 -7.69	24.35 0.75 -11.44	25.40 1.06 -6.15	28.06 1.51 0.00	40.15 2.22 -1.49	44.44 2.59 -1.98	36.47 2.26 0.00	30.33 2.06 0.00	27.57 1.85 0.00	26.21 1.85 0.00	25.13 1.77 0.00	25.56 1.83 0.00	26.81 1.89 0.00	29.46 1.95 0.00	35.51 2.44 -1.03	44.29 2.45 -7.87	40.81 2.42 -7.42	34.79 1.85 -8.88	32.51 1.33 -12.69	28.90 0.80 -17.21	26.06 0.47 -18.92	24.89 0.38 -18.92
CHAFFEE___LFGE 323603	24.63 0.17 -0.57	19.19 0.10 -1.96	18.70 0.15 -2.13	15.42 0.10 -3.17	20.06 0.16 -1.70	27.00 0.45 0.00	36.42 -0.51 -0.49	39.67 -0.80 -0.60	34.56 0.34 0.00	28.87 0.59 0.00	26.41 0.69 0.00	24.85 0.49 0.00	23.91 0.56 0.00	24.11 0.38 0.00	25.26 0.35 0.00	27.92 0.41 0.00	31.12 -1.22 -0.28	35.10 -1.19 -2.32	32.08 -1.02 -2.12	25.82 -0.70 -2.46	21.67 -0.33 -3.52	15.46 -0.21 -4.77	11.83 -0.08 -5.24	10.87 0.03 -5.24
CHATEAUG_35_KV_LOAD 355732	0.28 -4.28 19.33	0.65 -3.03 13.44	0.85 -2.89 12.68	10.52 -2.09 -0.46	11.73 -3.42 3.05	21.85 -4.70 0.00	31.84 -4.66 -0.07	35.33 -4.62 -0.09	30.18 -4.04 0.00	24.77 -3.51 0.00	22.71 -3.01 0.00	21.70 -2.66 0.00	20.76 -2.59 0.00	20.65 -3.09 0.00	21.90 -3.01 0.00	24.40 -3.11 0.00	29.08 -3.01 -0.04	31.08 -3.23 -0.34	28.15 -3.13 -0.31	21.09 -3.32 -0.36	2.65 -2.51 13.32	1.07 -1.57 8.26	0.66 -0.97 5.04	0.26 -0.86 4.47
CHATEAUG_WT_PWR 323614	-0.06 -4.25 19.70	0.38 -3.03 13.71	0.60 -2.89 12.94	10.52 -2.08 -0.44	11.69 -3.38 3.12	21.88 -4.67 0.00	31.84 -4.66 -0.07	35.37 -4.58 -0.08	30.18 -4.04 0.00	24.79 -3.48 0.00	22.68 -3.03 0.00	21.73 -2.63 0.00	20.78 -2.57 0.00	20.67 -3.06 0.00	21.93 -2.99 0.00	24.40 -3.11 0.00	29.08 -3.01 -0.04	31.11 -3.20 -0.33	28.21 -3.07 -0.30	21.15 -3.25 -0.35	2.27 -2.48 13.74	0.80 -1.56 8.54	0.46 -0.97 5.23	0.09 -0.86 4.64
CHAT_HIGH_FALL_HYD 323578	0.33 -4.23 19.33	0.65 -3.03 13.44	0.85 -2.89 12.68	10.52 -2.09 -0.46	11.73 -3.42 3.05	21.85 -4.70 0.00	31.84 -4.66 -0.07	35.33 -4.62 -0.09	30.18 -4.04 0.00	24.76 -3.51 0.00	22.65 -3.06 0.00	21.71 -2.65 0.00	20.76 -2.59 0.00	20.65 -3.09 0.00	21.90 -3.02 0.00	24.40 -3.11 0.00	29.08 -3.01 -0.04	31.08 -3.23 -0.34	28.16 -3.13 -0.31	21.09 -3.32 -0.36	2.51 -2.51 13.46	0.98 -1.57 8.35	0.60 -0.97 5.10	0.21 -0.86 4.52
CHAUTAUQUA___LFGE 323629	24.90 0.43 -0.57	19.42 0.32 -1.97	18.93 0.36 -2.14	15.61 0.27 -3.19	20.34 0.44 -1.71	27.37 0.82 0.00	37.04 0.11 -0.49	40.43 -0.04 -0.60	35.17 0.96 0.00	29.34 1.07 0.00	26.87 1.16 0.00	25.31 0.95 0.00	24.33 0.98 0.00	24.54 0.81 0.00	25.74 0.82 0.00	28.44 0.94 0.00	31.70 -0.64 -0.29	35.66 -0.65 -2.33	32.46 -0.65 -2.13	26.00 -0.53 -2.48	21.80 -0.22 -3.54	15.54 -0.15 -4.80	11.89 -0.05 -5.27	10.91 0.05 -5.27
CHERRYST_13_KV_LD 356241	27.46 1.51 -2.06	25.26 1.06 -7.07	25.13 1.02 -7.69	24.37 0.78 -11.44	25.43 1.09 -6.15	28.14 1.59 0.00	40.26 2.33 -1.49	44.55 2.71 -1.98	36.57 2.36 0.00	30.42 2.15 0.00	27.67 1.95 0.00	26.31 1.95 0.00	25.20 1.84 0.00	25.66 1.92 0.00	26.91 1.99 0.00	29.54 2.04 0.00	35.61 2.53 -1.03	44.40 2.55 -7.87	40.90 2.51 -7.42	34.86 1.92 -8.88	32.56 1.39 -12.69	28.94 0.83 -17.21	26.08 0.49 -18.92	24.90 0.40 -18.92
CHESTROR_138KV_BK263 355645	26.90 1.08 -1.93	24.52 0.75 -6.65	24.37 0.72 -7.22	23.44 0.53 -10.75	24.74 0.76 -5.78	27.69 1.14 0.00	39.70 1.60 -1.66	43.73 1.83 -2.03	35.79 1.57 0.00	29.66 1.39 0.00	26.92 1.21 0.00	25.58 1.22 0.00	24.50 1.14 0.00	24.92 1.19 0.00	26.16 1.25 0.00	28.80 1.29 0.00	34.68 1.67 -0.96	43.63 1.80 -7.86	39.84 1.67 -7.20	33.65 1.25 -8.35	31.32 0.91 -11.93	27.61 0.53 -16.18	24.77 0.32 -17.78	23.63 0.26 -17.78
CH_MIDHUDSON___DRP 24192	27.24 1.24 -2.10	25.23 0.87 -7.23	25.12 0.84 -7.86	24.47 0.62 -11.70	25.37 0.89 -6.29	27.88 1.33 0.00	40.14 1.89 -1.81	44.23 2.15 -2.21	36.06 1.85 0.00	29.80 1.53 0.00	27.03 1.31 0.00	25.68 1.32 0.00	24.57 1.21 0.00	25.02 1.28 0.00	26.24 1.32 0.00	28.94 1.43 0.00	34.89 1.79 -1.05	44.49 1.97 -8.55	40.60 1.80 -7.83	34.48 1.35 -9.08	32.44 0.98 -12.98	29.06 0.57 -17.60	26.36 0.35 -19.35	25.21 0.27 -19.34

CH_MISC_IPPS 23765	27.33 1.36 -2.07	25.19 0.94 -7.13	25.06 0.89 -7.74	24.35 0.67 -11.53	25.35 0.96 -6.19	27.96 1.41 0.00	40.22 2.00 -1.78	44.31 2.27 -2.18	36.16 1.95 0.00	29.88 1.61 0.00	27.13 1.41 0.00	25.75 1.39 0.00	24.64 1.28 0.00	25.06 1.33 0.00	26.29 1.37 0.00	28.99 1.48 0.00	35.04 1.96 -1.04	44.59 2.18 -8.44	40.66 1.95 -7.73	34.49 1.47 -8.97	32.36 1.05 -12.82	28.90 0.62 -17.39	26.15 0.37 -19.11	24.99 0.29 -19.11
CH_RES_BVR_FALLS 23983	-1.61 -2.06 23.45	-0.81 -1.51 16.43	-0.54 -1.45 15.52	11.41 -1.05 -0.30	12.71 -1.66 3.82	24.24 -2.31 0.00	34.08 -2.41 -0.05	37.49 -2.43 -0.06	32.06 -2.15 0.00	26.40 -1.87 0.00	24.07 -1.65 0.00	22.90 -1.46 0.00	21.93 -1.43 0.00	22.10 -1.64 0.00	23.30 -1.62 0.00	25.77 -1.73 0.00	30.32 -1.76 -0.03	32.19 -2.00 -0.22	29.19 -1.98 -0.20	22.31 -1.97 -0.23	0.58 -1.53 16.37	-0.37 -0.90 10.36	-0.40 -0.56 6.51	-0.70 -0.48 5.82
CH_RES_NIAGARA 23895	24.03 -0.41 -0.54	18.72 -0.26 -1.85	18.22 -0.21 -2.01	14.98 -0.17 -2.99	19.59 -0.22 -1.61	25.89 -0.66 0.00	35.15 -1.75 -0.46	38.08 -2.35 -0.57	32.84 -1.37 0.00	27.48 -0.79 0.00	25.17 -0.54 0.00	23.68 -0.68 0.00	22.82 -0.54 0.00	23.00 -0.74 0.00	24.07 -0.85 0.00	26.57 -0.94 0.00	29.82 -2.50 -0.27	33.62 -2.55 -2.19	30.72 -2.26 -2.01	24.77 -1.61 -2.33	20.83 -0.98 -3.32	14.85 -0.56 -4.51	11.34 -0.27 -4.93	10.44 -0.10 -4.95
CH_RES_SYRACUSE 23985	24.14 0.17 -0.08	18.46 0.12 -1.21	17.89 0.12 -1.35	14.58 0.07 -2.36	19.53 0.13 -1.21	26.74 0.19 0.00	36.91 0.11 -0.36	40.43 0.12 -0.45	34.39 0.17 0.00	28.41 0.14 0.00	25.90 0.18 0.00	24.46 0.10 0.00	23.45 0.09 0.00	23.81 0.07 0.00	25.02 0.10 0.00	27.62 0.11 0.00	32.23 -0.03 -0.21	35.66 -0.03 -1.72	32.55 0.00 -1.58	25.98 0.10 -1.83	20.94 0.09 -2.37	14.34 0.05 -3.39	10.49 0.03 -3.80	9.43 0.03 -3.81
CLINTON_WT_PWR 323605	-0.06 -4.25 19.70	0.38 -3.03 13.71	0.60 -2.89 12.94	10.52 -2.08 -0.44	11.69 -3.38 3.12	21.88 -4.67 0.00	31.84 -4.66 -0.07	35.37 -4.58 -0.08	30.18 -4.04 0.00	24.79 -3.48 0.00	22.68 -3.03 0.00	21.73 -2.63 0.00	20.78 -2.57 0.00	20.67 -3.06 0.00	21.93 -2.99 0.00	24.40 -3.11 0.00	29.08 -3.01 -0.04	31.11 -3.20 -0.33	28.21 -3.07 -0.30	21.15 -3.25 -0.35	2.27 -2.48 13.74	0.80 -1.56 8.54	0.46 -0.97 5.23	0.09 -0.86 4.64
CLINTON__LFGE 323618	0.16 -4.13 19.61	0.52 -2.96 13.64	0.71 -2.84 12.87	10.55 -2.05 -0.45	11.71 -3.38 3.10	21.90 -4.65 0.00	31.95 -4.56 -0.07	35.49 -4.46 -0.08	30.35 -3.87 0.00	24.91 -3.36 0.00	22.76 -2.96 0.00	21.83 -2.53 0.00	20.85 -2.50 0.00	20.72 -3.01 0.00	21.98 -2.94 0.00	24.48 -3.03 0.00	29.21 -2.88 -0.04	31.25 -3.06 -0.33	28.43 -2.85 -0.30	21.27 -3.13 -0.35	2.49 -2.33 13.66	0.93 -1.47 8.49	0.56 -0.91 5.20	0.17 -0.81 4.61
COBBLENY_34_KV_TB1 80064	24.63 0.17 -0.57	19.20 0.12 -1.96	18.70 0.15 -2.13	15.42 0.10 -3.17	20.06 0.16 -1.70	27.00 0.45 0.00	36.42 -0.51 -0.49	39.67 -0.80 -0.60	34.56 0.34 0.00	28.84 0.57 0.00	26.41 0.69 0.00	24.85 0.49 0.00	23.91 0.56 0.00	24.12 0.38 0.00	25.27 0.35 0.00	27.95 0.44 0.00	31.12 -1.22 -0.28	35.17 -1.12 -2.32	32.07 -1.02 -2.12	25.86 -0.65 -2.46	21.67 -0.33 -3.52	15.48 -0.19 -4.77	11.83 -0.08 -5.24	10.86 0.03 -5.24
COFFEEN__115KV_TB3 355620	20.89 0.00 3.01	15.76 0.00 1.37	15.23 -0.03 1.16	13.67 -0.04 -1.55	18.45 -0.02 -0.28	26.68 0.13 0.00	37.48 0.80 -0.24	41.04 0.88 -0.29	34.49 0.27 0.00	28.27 0.00 0.00	25.77 0.05 0.00	24.24 -0.12 0.00	23.07 -0.28 0.00	23.38 -0.36 0.00	24.62 -0.30 0.00	27.53 0.03 0.00	32.51 0.32 -0.14	35.62 0.51 -1.13	32.57 0.56 -1.04	25.59 0.34 -1.20	18.00 0.17 0.65	11.81 0.11 -0.80	8.26 0.03 -1.57	7.24 -0.02 -1.67
COLDSPRG_115KV_BK1 355956	25.17 0.69 -0.58	19.63 0.50 -2.01	19.13 0.53 -2.18	15.80 0.40 -3.25	20.56 0.62 -1.75	28.06 1.51 0.00	37.67 0.73 -0.50	41.32 0.84 -0.61	36.27 2.05 0.00	30.19 1.92 0.00	27.67 1.95 0.00	26.02 1.66 0.00	24.99 1.63 0.00	25.18 1.45 0.00	26.41 1.49 0.00	29.21 1.71 0.00	32.31 -0.03 -0.29	36.38 0.03 -2.37	33.09 -0.06 -2.17	26.48 -0.10 -2.52	22.12 0.04 -3.60	15.79 0.00 -4.89	12.05 0.01 -5.37	11.06 0.10 -5.37
COLONIE_LFGE__ 323577	27.24 0.84 -2.51	26.36 0.60 -8.64	26.39 0.57 -9.39	26.56 0.43 -13.98	26.36 0.65 -7.51	27.64 1.09 0.00	40.13 1.53 -2.16	44.10 1.60 -2.64	35.51 1.30 0.00	29.18 0.90 0.00	26.38 0.67 0.00	25.02 0.66 0.00	24.01 0.65 0.00	24.50 0.76 0.00	25.74 0.82 0.00	28.41 0.91 0.00	34.53 1.22 -1.26	45.55 1.32 -10.25	41.54 1.18 -9.39	35.83 0.89 -10.89	34.67 0.63 -15.56	32.36 0.36 -21.10	30.10 0.23 -23.20	28.96 0.18 -23.19
COOPERNY_115KV_TB1 80082	26.36 0.84 -1.63	23.30 0.58 -5.60	23.07 0.56 -6.09	21.64 0.43 -9.06	23.66 0.60 -4.87	27.45 0.90 0.00	39.07 1.24 -1.40	43.01 1.44 -1.71	35.45 1.23 0.00	29.37 1.10 0.00	26.69 0.98 0.00	25.33 0.97 0.00	24.26 0.91 0.00	24.69 0.95 0.00	25.89 0.97 0.00	28.55 1.05 0.00	34.14 1.28 -0.81	41.95 1.36 -6.62	38.31 1.27 -6.06	32.05 0.96 -7.03	29.25 0.72 -10.05	24.95 0.43 -13.63	21.90 0.25 -14.98	20.77 0.20 -14.98
COPENHAGEN_WT_PWR 323753	20.88 -0.19 2.83	15.76 -0.14 1.22	15.24 -0.16 1.02	13.62 -0.12 -1.58	18.35 -0.16 -0.32	26.44 -0.11 0.00	37.05 0.36 -0.24	40.56 0.40 -0.30	34.18 -0.03 0.00	28.04 -0.23 0.00	25.56 -0.15 0.00	24.09 -0.27 0.00	22.96 -0.40 0.00	23.26 -0.47 0.00	24.47 -0.45 0.00	27.31 -0.19 0.00	32.22 0.03 -0.14	35.27 0.14 -1.16	32.22 0.19 -1.06	25.35 0.07 -1.23	18.00 0.00 0.48	11.83 0.00 -0.93	8.31 -0.03 -1.68	7.30 -0.06 -1.77
CORNELL____ 23752	25.29 0.72 -0.67	19.97 0.53 -2.32	19.46 0.51 -2.52	16.27 0.36 -3.75	20.77 0.56 -2.02	27.51 0.96 0.00	38.22 1.20 -0.58	41.89 1.32 -0.71	35.45 1.23 0.00	29.26 0.99 0.00	26.61 0.90 0.00	25.09 0.73 0.00	24.05 0.70 0.00	24.40 0.66 0.00	25.66 0.75 0.00	28.41 0.91 0.00	33.22 0.83 -0.34	37.67 0.95 -2.74	34.42 0.93 -2.51	27.74 0.77 -2.91	23.20 0.55 -4.16	16.87 0.33 -5.65	13.06 0.19 -6.21	11.96 0.17 -6.21
CORONAAV_69_KV_TB1 355595	42.66 1.91 -16.86	42.08 1.35 -23.60	41.36 1.30 -23.64	40.71 0.97 -27.58	40.77 1.40 -21.17	42.70 2.07 -14.08	52.06 2.91 -12.71	56.20 3.31 -13.03	46.19 2.87 -9.10	40.82 2.49 -10.06	30.44 2.29 -2.44	29.79 2.24 -3.19	28.42 2.15 -2.92	30.11 2.21 -4.17	33.32 2.29 -6.11	39.60 2.39 -9.71	61.78 2.92 -26.81	63.40 3.06 -26.37	49.67 2.88 -15.81	43.66 2.26 -17.35	41.25 1.66 -21.10	36.60 0.98 -24.72	35.46 0.59 -28.20	32.09 0.48 -26.03
CORTLAND_115KV_TB3 80093	24.61 0.48 -0.24	19.24 0.36 -1.75	18.71 0.34 -1.94	15.62 0.24 -3.22	20.25 0.38 -1.67	27.19 0.64 0.00	37.70 0.77 -0.50	41.35 0.88 -0.61	35.03 0.82 0.00	28.95 0.68 0.00	26.36 0.64 0.00	24.87 0.51 0.00	23.84 0.49 0.00	24.21 0.47 0.00	25.44 0.52 0.00	28.11 0.61 0.00	32.85 0.51 -0.29	36.91 0.58 -2.36	33.69 0.56 -2.16	27.04 0.48 -2.50	22.17 0.35 -3.33	15.80 0.21 -4.69	12.03 0.13 -5.23	10.94 0.11 -5.24

COXSACKIE___GT 23611	27.86 1.60 -2.37	26.38 1.11 -8.14	26.36 1.08 -8.85	26.09 0.77 -13.17	26.53 1.25 -7.08	28.36 1.81 0.00	41.13 2.66 -2.03	45.07 2.71 -2.49	36.30 2.09 0.00	29.46 1.19 0.00	26.51 0.80 0.00	25.02 0.66 0.00	23.98 0.63 0.00	24.40 0.66 0.00	25.74 0.82 0.00	28.58 1.07 0.00	34.99 1.76 -1.18	46.08 2.48 -9.63	41.90 2.11 -8.82	35.75 1.47 -10.23	34.07 0.96 -14.62	31.27 0.54 -19.83	28.77 0.30 -21.80	27.61 0.23 -21.79
CPV_VALLEY___CC1 323721	26.62 0.91 -1.82	24.02 0.63 -6.27	23.83 0.59 -6.81	22.74 0.45 -10.14	24.28 0.64 -5.45	27.50 0.95 0.00	39.35 1.35 -1.57	43.33 1.55 -1.91	35.51 1.30 0.00	29.46 1.19 0.00	26.77 1.05 0.00	25.41 1.05 0.00	24.36 1.00 0.00	24.78 1.04 0.00	25.99 1.07 0.00	28.63 1.13 0.00	34.37 1.41 -0.91	42.92 1.53 -7.41	39.19 1.43 -6.79	33.02 1.08 -7.88	30.54 0.79 -11.26	26.64 0.48 -15.27	23.73 0.28 -16.78	22.59 0.22 -16.78
CPV_VALLEY___CC2 323722	26.62 0.91 -1.82	24.02 0.63 -6.27	23.83 0.59 -6.81	22.74 0.45 -10.14	24.28 0.64 -5.45	27.50 0.95 0.00	39.35 1.35 -1.57	43.33 1.55 -1.91	35.51 1.30 0.00	29.46 1.19 0.00	26.77 1.05 0.00	25.41 1.05 0.00	24.36 1.00 0.00	24.78 1.04 0.00	25.99 1.07 0.00	28.63 1.13 0.00	34.37 1.41 -0.91	42.92 1.53 -7.41	39.19 1.43 -6.79	33.02 1.08 -7.88	30.54 0.79 -11.26	26.64 0.48 -15.27	23.73 0.28 -16.78	22.59 0.22 -16.78
CRESCENT___HYD 24018	27.24 0.84 -2.51	26.36 0.60 -8.64	26.39 0.57 -9.39	26.56 0.43 -13.98	26.36 0.65 -7.51	27.64 1.09 0.00	40.13 1.53 -2.16	44.10 1.60 -2.64	35.51 1.30 0.00	29.18 0.90 0.00	26.38 0.67 0.00	25.02 0.66 0.00	24.01 0.65 0.00	24.50 0.76 0.00	25.74 0.82 0.00	28.41 0.91 0.00	34.53 1.22 -1.26	45.55 1.32 -10.25	41.54 1.18 -9.39	35.83 0.89 -10.89	34.67 0.63 -15.56	32.36 0.36 -21.10	30.10 0.23 -23.20	28.96 0.18 -23.19
CRICKET___VALLEY_CC1 323756	26.99 0.93 -2.16	25.24 0.67 -7.45	25.16 0.64 -8.09	24.68 0.49 -12.04	25.38 0.71 -6.47	27.61 1.06 0.00	39.83 1.53 -1.86	43.85 1.71 -2.27	35.65 1.44 0.00	29.40 1.13 0.00	26.67 0.95 0.00	25.36 1.00 0.00	24.31 0.96 0.00	24.81 1.07 0.00	26.01 1.10 0.00	28.63 1.13 0.00	34.67 1.54 -1.08	44.45 1.66 -8.81	40.50 1.46 -8.07	34.54 1.13 -9.36	32.67 0.81 -13.38	29.51 0.48 -18.14	26.90 0.29 -19.94	25.76 0.23 -19.93
CRICKET___VALLEY_CC2 323757	26.99 0.93 -2.16	25.24 0.67 -7.45	25.16 0.64 -8.09	24.68 0.49 -12.04	25.38 0.71 -6.47	27.61 1.06 0.00	39.83 1.53 -1.86	43.85 1.71 -2.27	35.65 1.44 0.00	29.40 1.13 0.00	26.67 0.95 0.00	25.36 1.00 0.00	24.31 0.96 0.00	24.81 1.07 0.00	26.01 1.10 0.00	28.63 1.13 0.00	34.67 1.54 -1.08	44.45 1.66 -8.81	40.50 1.46 -8.07	34.54 1.13 -9.36	32.67 0.81 -13.38	29.51 0.48 -18.14	26.90 0.29 -19.94	25.76 0.23 -19.93
CRICKET___VALLEY_CC3 323758	26.99 0.93 -2.16	25.24 0.67 -7.45	25.16 0.64 -8.09	24.68 0.49 -12.04	25.38 0.71 -6.47	27.61 1.06 0.00	39.83 1.53 -1.86	43.85 1.71 -2.27	35.65 1.44 0.00	29.40 1.13 0.00	26.67 0.95 0.00	25.36 1.00 0.00	24.31 0.96 0.00	24.81 1.07 0.00	26.01 1.10 0.00	28.63 1.13 0.00	34.67 1.54 -1.08	44.45 1.66 -8.81	40.50 1.46 -8.07	34.54 1.13 -9.36	32.67 0.81 -13.38	29.51 0.48 -18.14	26.90 0.29 -19.94	25.76 0.23 -19.93
CRUCIBLE_METL_DRP 24180	24.14 0.17 -0.08	18.46 0.12 -1.21	17.89 0.11 -1.35	14.58 0.07 -2.36	19.53 0.13 -1.21	26.74 0.19 0.00	36.91 0.11 -0.36	40.43 0.12 -0.45	34.38 0.17 0.00	28.41 0.14 0.00	25.89 0.18 0.00	24.46 0.10 0.00	23.45 0.09 0.00	23.81 0.07 0.00	25.02 0.10 0.00	27.62 0.11 0.00	32.23 -0.03 -0.21	35.66 -0.03 -1.72	32.55 0.00 -1.58	25.95 0.07 -1.83	20.94 0.09 -2.37	14.34 0.05 -3.39	10.49 0.03 -3.79	9.43 0.03 -3.80
DAHOWA___HYDRO 323763	27.85 1.41 -2.55	26.89 1.01 -8.76	26.91 0.97 -9.52	27.05 0.73 -14.17	26.90 1.09 -7.62	28.33 1.78 0.00	41.32 2.70 -2.19	45.25 2.71 -2.68	36.37 2.16 0.00	29.77 1.50 0.00	26.90 1.18 0.00	25.38 1.02 0.00	24.38 1.03 0.00	24.83 1.09 0.00	26.14 1.22 0.00	28.91 1.40 0.00	35.12 1.79 -1.27	46.40 2.04 -10.39	42.32 1.83 -9.52	36.42 1.32 -11.05	35.24 0.98 -15.78	32.85 0.56 -21.40	30.56 0.37 -23.52	29.41 0.30 -23.52
DANC___LFGE 323619	21.85 -0.22 1.83	16.56 -0.14 0.42	16.01 -0.16 0.25	13.80 -0.12 -1.77	18.62 -0.16 -0.59	26.37 -0.18 0.00	36.75 0.04 -0.27	40.20 0.00 -0.33	34.01 -0.20 0.00	27.96 -0.31 0.00	25.51 -0.21 0.00	24.04 -0.32 0.00	22.98 -0.37 0.00	23.31 -0.43 0.00	24.49 -0.42 0.00	27.23 -0.28 0.00	31.99 -0.22 -0.16	35.13 -0.14 -1.29	32.07 -0.09 -1.18	25.35 -0.07 -1.37	18.81 -0.09 -0.42	12.51 -0.04 -1.66	8.90 -0.05 -2.27	7.87 -0.06 -2.34
DANSKAMMER___1 23586	27.33 1.36 -2.07	25.19 0.94 -7.13	25.06 0.89 -7.74	24.35 0.67 -11.53	25.35 0.96 -6.19	27.96 1.41 0.00	40.22 2.00 -1.78	44.31 2.27 -2.18	36.16 1.95 0.00	29.88 1.61 0.00	27.13 1.41 0.00	25.75 1.39 0.00	24.64 1.28 0.00	25.06 1.33 0.00	26.29 1.37 0.00	28.99 1.48 0.00	35.04 1.96 -1.04	44.59 2.18 -8.44	40.66 1.95 -7.73	34.49 1.47 -8.97	32.36 1.05 -12.82	28.90 0.62 -17.39	26.15 0.37 -19.11	24.99 0.29 -19.11
DANSKAMMER___2 23589	27.33 1.36 -2.07	25.19 0.94 -7.13	25.06 0.89 -7.74	24.35 0.67 -11.53	25.35 0.96 -6.19	27.96 1.41 0.00	40.22 2.00 -1.78	44.31 2.27 -2.18	36.16 1.95 0.00	29.88 1.61 0.00	27.13 1.41 0.00	25.75 1.39 0.00	24.64 1.28 0.00	25.06 1.33 0.00	26.29 1.37 0.00	28.99 1.48 0.00	35.04 1.96 -1.04	44.59 2.18 -8.44	40.66 1.95 -7.73	34.49 1.47 -8.97	32.36 1.05 -12.82	28.90 0.62 -17.39	26.15 0.37 -19.11	24.99 0.29 -19.11
DANSKAMMER___3 23590	27.33 1.36 -2.07	25.19 0.94 -7.13	25.06 0.89 -7.74	24.35 0.67 -11.53	25.35 0.96 -6.19	27.96 1.41 0.00	40.22 2.00 -1.78	44.31 2.27 -2.18	36.16 1.95 0.00	29.88 1.61 0.00	27.13 1.41 0.00	25.75 1.39 0.00	24.64 1.28 0.00	25.06 1.33 0.00	26.29 1.37 0.00	28.99 1.48 0.00	35.04 1.96 -1.04	44.59 2.18 -8.44	40.66 1.95 -7.73	34.49 1.47 -8.97	32.36 1.05 -12.82	28.90 0.62 -17.39	26.15 0.37 -19.11	24.99 0.29 -19.11
DANSKAMMER___4 23591	27.33 1.36 -2.07	25.19 0.94 -7.13	25.06 0.89 -7.74	24.35 0.67 -11.53	25.35 0.96 -6.19	27.96 1.41 0.00	40.22 2.00 -1.78	44.31 2.27 -2.18	36.16 1.95 0.00	29.88 1.61 0.00	27.13 1.41 0.00	25.75 1.39 0.00	24.64 1.28 0.00	25.06 1.33 0.00	26.29 1.37 0.00	28.99 1.48 0.00	35.04 1.96 -1.04	44.59 2.18 -8.44	40.66 1.95 -7.73	34.49 1.47 -8.97	32.36 1.05 -12.82	28.90 0.62 -17.39	26.15 0.37 -19.11	24.99 0.29 -19.11
DANSKAMMER___DIESEL 23592	27.33 1.36 -2.07	25.19 0.94 -7.13	25.06 0.89 -7.74	24.35 0.67 -11.53	25.35 0.96 -6.19	27.96 1.41 0.00	40.22 2.00 -1.78	44.32 2.27 -2.18	36.16 1.95 0.00	29.88 1.61 0.00	27.13 1.41 0.00	25.75 1.39 0.00	24.64 1.28 0.00	25.07 1.33 0.00	26.29 1.37 0.00	28.99 1.49 0.00	35.04 1.96 -1.03	44.57 2.17 -8.42	40.64 1.95 -7.71	34.47 1.47 -8.95	32.33 1.05 -12.79	28.85 0.61 -17.34	26.10 0.37 -19.06	24.94 0.29 -19.06

DARBY___SOLAR 323810	27.75 1.31 -2.54	26.79 0.92 -8.74	26.83 0.90 -9.50	26.97 0.67 -14.14	26.81 1.02 -7.60	28.20 1.65 0.00	41.10 2.48 -2.19	45.05 2.51 -2.67	36.23 2.02 0.00	29.68 1.41 0.00	26.82 1.10 0.00	25.33 0.98 0.00	24.33 0.98 0.00	24.78 1.04 0.00	26.09 1.17 0.00	28.83 1.32 0.00	35.02 1.70 -1.27	46.25 1.90 -10.37	42.18 1.70 -9.50	36.33 1.25 -11.02	35.14 0.91 -15.75	32.78 0.52 -21.35	30.49 0.34 -23.48	29.35 0.28 -23.47
DASHVILLE___HYD 23610	27.03 0.98 -2.16	25.21 0.67 -7.42	25.12 0.64 -8.06	24.62 0.47 -11.99	25.31 0.67 -6.45	27.51 0.96 0.00	39.64 1.35 -1.85	43.65 1.51 -2.27	35.51 1.30 0.00	29.37 1.10 0.00	26.64 0.93 0.00	25.31 0.95 0.00	24.19 0.84 0.00	24.64 0.90 0.00	25.84 0.92 0.00	28.47 0.96 0.00	34.57 1.44 -1.07	44.33 1.60 -8.76	40.46 1.46 -8.03	34.47 1.11 -9.31	32.57 0.78 -13.31	29.40 0.46 -18.04	26.79 0.28 -19.84	25.64 0.22 -19.83
DEERFIELD_69_KV_DEERFIELD LD 355887	43.24 2.49 -16.86	42.49 1.76 -23.60	41.74 1.68 -23.64	40.96 1.23 -27.58	41.18 1.82 -21.17	43.39 2.76 -14.08	53.08 3.94 -12.71	57.32 4.43 -13.03	47.15 3.83 -9.10	41.44 3.11 -10.06	31.11 2.96 -2.44	30.40 2.85 -3.19	28.98 2.71 -2.92	30.73 2.82 -4.17	34.05 3.01 -6.11	40.51 3.30 -9.71	62.81 3.94 -26.81	65.14 4.79 -26.37	51.04 4.21 -15.85	44.69 3.25 -17.39	42.09 2.46 -21.15	37.07 1.41 -24.77	35.69 0.82 -28.20	32.28 0.66 -26.03
DELAWARE___LFGE 323621	25.81 0.84 -1.08	21.44 0.60 -3.72	21.04 0.57 -4.04	18.59 0.43 -6.01	22.06 0.64 -3.23	27.56 1.01 0.00	38.82 1.46 -0.93	42.64 1.63 -1.14	35.58 1.37 0.00	29.40 1.13 0.00	26.74 1.03 0.00	25.31 0.95 0.00	24.22 0.86 0.00	24.61 0.88 0.00	25.84 0.92 0.00	28.61 1.10 0.00	33.84 1.25 -0.54	39.69 1.33 -4.39	36.24 1.24 -4.02	29.66 0.94 -4.67	25.82 0.67 -6.67	20.35 0.40 -9.05	16.86 0.24 -9.95	15.72 0.19 -9.94
DERFIELD_115KV_TB7 355931	23.84 -0.12 -0.06	17.26 -0.09 -0.22	16.58 -0.08 -0.24	12.45 -0.06 -0.35	18.29 -0.09 -0.19	26.44 -0.11 0.00	36.45 -0.04 -0.05	39.89 -0.04 -0.07	34.15 -0.07 0.00	28.21 -0.06 0.00	25.66 -0.05 0.00	24.31 -0.05 0.00	23.28 -0.07 0.00	23.66 -0.07 0.00	24.84 -0.07 0.00	27.45 -0.06 0.00	32.08 0.00 -0.03	34.20 -0.03 -0.26	31.15 -0.06 -0.24	24.23 -0.10 -0.28	18.80 -0.07 -0.39	11.39 -0.04 -0.53	7.23 -0.03 -0.59	6.15 -0.03 -0.59
DOGLEVILLE___HYD 23807	24.87 0.91 -0.06	17.99 0.65 -0.22	17.30 0.64 -0.24	12.98 0.47 -0.35	19.13 0.75 -0.19	27.72 1.17 0.00	38.24 1.75 -0.05	41.89 1.95 -0.07	35.86 1.64 0.00	29.60 1.33 0.00	26.95 1.23 0.00	25.50 1.15 0.00	24.33 0.98 0.00	24.73 1.00 0.00	25.96 1.05 0.00	28.71 1.21 0.00	33.49 1.41 -0.03	35.46 1.22 -0.26	32.45 1.24 -0.24	25.19 0.86 -0.28	19.51 0.63 -0.39	11.85 0.41 -0.53	7.51 0.25 -0.59	6.38 0.21 -0.59
DUNKIRK___115KV_TB_200 55889	24.90 0.43 -0.57	19.42 0.33 -1.97	18.93 0.36 -2.14	15.59 0.26 -3.19	20.32 0.42 -1.71	27.35 0.80 0.00	36.96 0.04 -0.49	40.35 -0.12 -0.60	35.07 0.86 0.00	29.26 0.99 0.00	26.82 1.11 0.00	25.24 0.88 0.00	24.29 0.93 0.00	24.47 0.74 0.00	25.66 0.75 0.00	28.36 0.85 0.00	31.63 -0.71 -0.29	35.66 -0.65 -2.33	32.43 -0.68 -2.13	26.07 -0.46 -2.47	21.81 -0.20 -3.53	15.56 -0.13 -4.79	11.89 -0.05 -5.27	10.91 0.06 -5.27
DUNKIRK___1 23563	24.90 0.43 -0.57	19.42 0.33 -1.97	18.93 0.36 -2.14	15.59 0.26 -3.19	20.32 0.42 -1.71	27.35 0.80 0.00	36.96 0.04 -0.49	40.35 -0.12 -0.60	35.07 0.86 0.00	29.26 0.99 0.00	26.82 1.11 0.00	25.24 0.88 0.00	24.29 0.93 0.00	24.47 0.74 0.00	25.66 0.75 0.00	28.36 0.85 0.00	31.63 -0.71 -0.29	35.66 -0.65 -2.33	32.43 -0.68 -2.13	26.07 -0.46 -2.47	21.81 -0.20 -3.53	15.56 -0.13 -4.79	11.89 -0.05 -5.27	10.91 0.06 -5.27
DUNKIRK___2 23564	24.90 0.43 -0.57	19.42 0.33 -1.97	18.93 0.36 -2.14	15.59 0.26 -3.19	20.32 0.42 -1.71	27.35 0.80 0.00	36.96 0.04 -0.49	40.35 -0.12 -0.60	35.07 0.86 0.00	29.26 0.99 0.00	26.82 1.11 0.00	25.24 0.88 0.00	24.29 0.93 0.00	24.47 0.74 0.00	25.66 0.75 0.00	28.36 0.85 0.00	31.63 -0.71 -0.29	35.66 -0.65 -2.33	32.43 -0.68 -2.13	26.07 -0.46 -2.47	21.81 -0.20 -3.53	15.56 -0.13 -4.79	11.89 -0.05 -5.27	10.91 0.06 -5.27
DUNKIRK___3 23565	24.83 0.36 -0.57	19.35 0.26 -1.97	18.86 0.30 -2.14	15.55 0.21 -3.19	20.24 0.33 -1.71	27.27 0.72 0.00	36.78 -0.15 -0.49	40.11 -0.36 -0.60	34.90 0.68 0.00	29.12 0.85 0.00	26.69 0.98 0.00	25.11 0.76 0.00	24.17 0.82 0.00	24.38 0.64 0.00	25.56 0.65 0.00	28.22 0.72 0.00	31.44 -0.90 -0.29	35.49 -0.82 -2.33	32.31 -0.81 -2.14	26.02 -0.51 -2.48	21.76 -0.26 -3.54	15.55 -0.15 -4.80	11.89 -0.05 -5.28	10.92 0.05 -5.28
DUNKIRK___4 23566	24.80 0.33 -0.57	19.31 0.24 -1.95	18.82 0.28 -2.12	15.51 0.21 -3.15	20.23 0.35 -1.69	27.24 0.69 0.00	36.78 -0.15 -0.49	40.10 -0.36 -0.60	34.90 0.68 0.00	29.12 0.85 0.00	26.67 0.95 0.00	25.11 0.76 0.00	24.15 0.79 0.00	24.35 0.62 0.00	25.54 0.62 0.00	28.22 0.72 0.00	31.44 -0.90 -0.28	35.43 -0.85 -2.30	32.25 -0.84 -2.11	25.95 -0.55 -2.45	21.70 -0.28 -3.50	15.48 -0.16 -4.74	11.81 -0.07 -5.21	10.85 0.04 -5.21
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	27.36 1.41 -2.06	25.19 0.99 -7.07	25.05 0.94 -7.69	24.31 0.72 -11.44	25.36 1.02 -6.15	28.06 1.51 0.00	40.39 2.19 -1.77	44.62 2.59 -2.16	36.40 2.19 0.00	30.22 1.95 0.00	27.49 1.77 0.00	26.11 1.75 0.00	25.01 1.66 0.00	25.47 1.73 0.00	26.71 1.79 0.00	29.38 1.87 0.00	35.42 2.34 -1.02	44.78 2.45 -8.36	40.92 2.29 -7.66	34.69 1.76 -8.88	32.47 1.29 -12.69	28.86 0.75 -17.21	26.02 0.43 -18.92	24.85 0.35 -18.91
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	27.11 1.19 -2.02	24.88 0.82 -6.94	24.76 0.79 -7.54	23.98 0.60 -11.23	25.08 0.86 -6.03	27.77 1.22 0.00	39.92 1.75 -1.73	43.98 1.99 -2.12	35.92 1.71 0.00	29.74 1.47 0.00	27.00 1.29 0.00	25.65 1.29 0.00	24.54 1.19 0.00	24.97 1.23 0.00	26.21 1.30 0.00	28.88 1.38 0.00	34.82 1.76 -1.01	44.11 1.94 -8.20	40.25 1.77 -7.51	34.12 1.35 -8.72	31.90 0.96 -12.46	28.35 0.57 -16.89	25.58 0.34 -18.57	24.43 0.27 -18.56
E179THST_138_KV_TB4_REV_LBMP_J 345001	27.65 1.70 -2.06	25.41 1.22 -7.07	25.26 1.15 -7.69	24.47 0.88 -11.44	25.60 1.26 -6.15	28.20 1.65 0.00	40.14 1.93 -1.77	44.22 2.19 -2.16	36.23 2.02 0.00	30.16 1.89 0.00	27.44 1.72 0.00	26.09 1.73 0.00	25.01 1.66 0.00	25.47 1.73 0.00	26.69 1.77 0.00	29.29 1.79 0.00	35.35 2.28 -1.03	44.54 2.21 -8.36	40.83 2.20 -7.66	34.62 1.68 -8.88	32.36 1.18 -12.69	28.84 0.73 -17.21	26.06 0.47 -18.92	24.93 0.41 -18.92
E179THST_13_KV_LOAD 356214	27.74 1.79 -2.06	25.48 1.28 -7.07	25.33 1.22 -7.69	24.52 0.92 -11.44	25.65 1.31 -6.15	28.30 1.75 0.00	40.28 2.08 -1.77	44.42 2.39 -2.16	36.37 2.16 0.00	30.31 2.04 0.00	27.57 1.85 0.00	26.21 1.85 0.00	25.13 1.77 0.00	25.59 1.85 0.00	26.81 1.89 0.00	29.43 1.93 0.00	35.51 2.44 -1.03	44.71 2.38 -8.36	40.99 2.35 -7.66	34.74 1.80 -8.88	32.45 1.28 -12.69	28.89 0.78 -17.21	26.10 0.51 -18.92	24.95 0.44 -18.92

EAST HAMPTON___GT 23717	43.48 2.72 -16.86	42.66 1.93 -23.60	41.92 1.86 -23.64	41.09 1.36 -27.58	41.38 2.02 -21.17	43.71 3.08 -14.08	53.56 4.41 -12.71	57.80 4.90 -13.03	47.56 4.24 -9.11	41.72 3.39 -10.06	31.39 3.24 -2.44	30.64 3.09 -3.19	29.24 2.97 -2.92	30.97 3.06 -4.17	34.32 3.29 -6.11	40.85 3.63 -9.71	63.20 4.33 -26.82	65.83 5.47 -26.38	51.48 4.64 -15.86	45.03 3.58 -17.40	42.34 2.70 -21.16	37.24 1.56 -24.78	35.79 0.90 -28.22	32.35 0.72 -26.05
EAST RIVER___6 23660	27.36 1.41 -2.06	25.19 0.99 -7.07	25.05 0.94 -7.69	24.32 0.73 -11.44	25.36 1.02 -6.15	28.01 1.46 0.00	40.07 2.15 -1.49	44.40 2.55 -1.98	36.47 2.26 0.00	30.36 2.09 0.00	27.62 1.90 0.00	26.24 1.88 0.00	25.13 1.77 0.00	25.59 1.85 0.00	26.83 1.92 0.00	29.49 1.98 0.00	35.55 2.47 -1.03	44.37 2.51 -7.88	41.03 2.63 -7.43	34.97 2.02 -8.89	32.65 1.46 -12.71	29.01 0.88 -17.23	26.12 0.51 -18.94	24.94 0.41 -18.93
EAST RIVER___7 23524	27.36 1.41 -2.06	25.19 0.99 -7.07	25.05 0.94 -7.69	24.32 0.73 -11.44	25.36 1.02 -6.15	28.01 1.46 0.00	40.07 2.15 -1.49	44.40 2.55 -1.98	36.47 2.26 0.00	30.36 2.09 0.00	27.62 1.90 0.00	26.24 1.88 0.00	25.13 1.77 0.00	25.59 1.85 0.00	26.83 1.92 0.00	29.49 1.98 0.00	35.55 2.47 -1.03	44.37 2.51 -7.88	41.03 2.63 -7.43	34.97 2.02 -8.89	32.65 1.46 -12.71	29.01 0.88 -17.23	26.12 0.51 -18.94	24.94 0.41 -18.93
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	27.29 1.34 -2.05	25.13 0.94 -7.07	25.01 0.90 -7.68	24.26 0.68 -11.43	25.30 0.96 -6.14	27.98 1.43 0.00	40.28 2.08 -1.77	44.46 2.43 -2.16	36.30 2.09 0.00	30.11 1.84 0.00	27.36 1.65 0.00	25.99 1.63 0.00	24.92 1.56 0.00	25.37 1.64 0.00	26.61 1.69 0.00	29.27 1.76 0.00	35.29 2.21 -1.02	44.63 2.31 -8.35	40.79 2.17 -7.65	34.59 1.66 -8.87	32.36 1.20 -12.68	28.80 0.71 -17.19	25.99 0.42 -18.90	24.82 0.34 -18.90
EAST_HAMPTON___DIESEL 23722	43.48 2.72 -16.86	42.66 1.93 -23.60	41.92 1.86 -23.64	41.09 1.36 -27.58	41.38 2.02 -21.17	43.71 3.08 -14.08	53.56 4.41 -12.71	57.80 4.90 -13.03	47.56 4.24 -9.11	41.72 3.39 -10.06	31.39 3.24 -2.44	30.64 3.09 -3.19	29.24 2.97 -2.92	30.97 3.06 -4.17	34.34 3.31 -6.11	40.85 3.63 -9.71	63.23 4.36 -26.82	65.83 5.47 -26.38	51.48 4.64 -15.86	45.05 3.61 -17.40	42.34 2.70 -21.16	37.24 1.56 -24.78	35.79 0.90 -28.22	32.35 0.72 -26.05
EAST_PULASKI___ESR 323781	22.90 -0.17 0.83	17.37 -0.12 -0.37	16.83 -0.11 -0.52	13.99 -0.10 -1.94	18.91 -0.13 -0.84	26.36 -0.19 0.00	36.52 -0.22 -0.30	39.95 -0.28 -0.37	33.91 -0.31 0.00	27.96 -0.31 0.00	25.51 -0.21 0.00	24.09 -0.27 0.00	23.07 -0.28 0.00	23.40 -0.33 0.00	24.59 -0.32 0.00	27.23 -0.28 0.00	31.87 -0.35 -0.17	35.05 -0.34 -1.41	31.99 -0.28 -1.30	25.39 -0.17 -1.50	19.68 -0.11 -1.30	13.20 -0.07 -2.37	9.47 -0.05 -2.85	8.43 -0.04 -2.88
EAST_RIVER___1 323558	27.41 1.46 -2.06	25.22 1.03 -7.07	25.10 0.99 -7.69	24.35 0.75 -11.44	25.40 1.05 -6.15	28.09 1.54 0.00	40.15 2.22 -1.49	44.43 2.59 -1.98	36.47 2.26 0.00	30.33 2.06 0.00	27.59 1.88 0.00	26.21 1.85 0.00	25.13 1.77 0.00	25.56 1.83 0.00	26.81 1.89 0.00	29.46 1.95 0.00	35.51 2.43 -1.03	44.30 2.45 -7.88	40.82 2.42 -7.43	34.80 1.85 -8.89	32.52 1.33 -12.71	28.94 0.82 -17.23	26.08 0.47 -18.94	24.90 0.38 -18.93
EAST_RIVER___2 323559	27.36 1.41 -2.06	25.19 0.99 -7.07	25.05 0.94 -7.69	24.32 0.73 -11.44	25.36 1.02 -6.15	28.01 1.46 0.00	40.07 2.15 -1.49	44.40 2.55 -1.98	36.47 2.26 0.00	30.36 2.09 0.00	27.62 1.90 0.00	26.24 1.88 0.00	25.13 1.77 0.00	25.59 1.85 0.00	26.83 1.92 0.00	29.49 1.98 0.00	35.55 2.47 -1.03	44.37 2.51 -7.88	41.03 2.63 -7.43	34.97 2.02 -8.89	32.65 1.46 -12.71	29.01 0.88 -17.23	26.12 0.51 -18.94	24.94 0.41 -18.93
EAST___DELAWARE_HYD 23607	26.88 1.08 -1.90	24.39 0.72 -6.55	24.23 0.69 -7.12	23.27 0.52 -10.60	24.63 0.75 -5.69	27.58 1.03 0.00	39.60 1.53 -1.64	43.66 1.80 -2.00	35.68 1.47 0.00	29.49 1.21 0.00	26.77 1.05 0.00	25.41 1.05 0.00	23.59 0.23 0.00	24.00 0.26 0.00	25.19 0.27 0.00	27.81 0.30 0.00	33.64 0.64 -0.95	42.73 1.02 -7.74	38.81 0.74 -7.09	32.78 0.51 -8.23	31.05 0.81 -11.75	27.32 0.49 -15.93	24.47 0.28 -17.52	23.32 0.22 -17.51
EIGHT_POINT___WT_PWR 323820	25.00 0.45 -0.65	19.70 0.34 -2.24	19.25 0.39 -2.43	16.08 0.30 -3.62	20.65 0.51 -1.95	27.61 1.06 0.00	37.72 0.73 -0.56	41.19 0.64 -0.68	35.55 1.33 0.00	29.54 1.27 0.00	27.00 1.29 0.00	25.36 1.00 0.00	24.38 1.03 0.00	24.64 0.90 0.00	25.81 0.90 0.00	28.58 1.07 0.00	32.34 -0.03 -0.32	36.62 0.00 -2.65	33.31 -0.09 -2.43	26.87 0.00 -2.81	22.52 0.02 -4.02	16.33 -0.02 -5.45	12.66 -0.01 -5.99	11.64 0.06 -5.99
ELBRIDGE_115KV_TB2 80188	24.40 0.07 -0.44	18.68 0.05 -1.50	18.12 0.07 -1.63	14.62 0.04 -2.43	19.57 0.07 -1.31	26.63 0.08 0.00	36.74 -0.07 -0.38	40.24 -0.08 -0.46	34.21 0.00 0.00	28.30 0.03 0.00	25.77 0.05 0.00	24.34 -0.02 0.00	23.35 0.00 0.00	23.71 -0.02 0.00	24.89 -0.02 0.00	27.48 -0.03 0.00	32.04 -0.22 -0.22	35.61 -0.14 -1.77	32.48 -0.12 -1.63	25.91 -0.02 -1.89	21.18 0.00 -2.70	14.55 0.00 -3.65	10.69 0.00 -4.02	9.62 0.01 -4.02
ELEC_TRO_TEK 24086	42.52 1.77 -16.86	41.97 1.25 -23.60	41.26 1.20 -23.64	40.63 0.90 -27.58	40.66 1.29 -21.17	42.54 1.91 -14.08	51.88 2.73 -12.71	56.00 3.11 -13.03	45.98 2.67 -9.10	40.68 2.35 -10.06	30.29 2.13 -2.44	29.64 2.09 -3.19	28.28 2.01 -2.92	29.97 2.07 -4.17	33.17 2.14 -6.11	39.47 2.26 -9.71	61.65 2.79 -26.81	63.27 2.92 -26.37	49.51 2.73 -15.81	43.49 2.09 -17.35	41.14 1.55 -21.10	36.53 0.90 -24.72	35.41 0.54 -28.20	32.05 0.44 -26.03
ELLENBURG_WT_PWR 323604	-0.06 -4.25 19.70	0.38 -3.03 13.71	0.60 -2.89 12.94	10.52 -2.08 -0.44	11.69 -3.38 3.12	21.88 -4.67 0.00	31.84 -4.66 -0.07	35.37 -4.58 -0.08	30.18 -4.04 0.00	24.79 -3.48 0.00	22.68 -3.03 0.00	21.73 -2.63 0.00	20.78 -2.57 0.00	20.67 -3.06 0.00	21.93 -2.99 0.00	24.40 -3.11 0.00	29.08 -3.01 -0.04	31.11 -3.20 -0.33	28.21 -3.07 -0.30	21.15 -3.25 -0.35	2.27 -2.48 13.74	0.80 -1.56 8.54	0.46 -0.97 5.23	0.09 -0.86 4.64
ELM_ST_23_KV_LD_REV_LBMP_A 345012	24.54 0.10 -0.55	19.08 0.05 -1.90	18.59 0.10 -2.07	15.29 0.06 -3.08	19.96 0.11 -1.65	26.71 0.16 0.00	36.15 -0.77 -0.48	39.29 -1.16 -0.58	34.08 -0.14 0.00	28.44 0.17 0.00	26.07 0.36 0.00	24.53 0.17 0.00	23.61 0.26 0.00	23.81 0.07 0.00	24.94 0.02 0.00	27.56 0.06 0.00	30.79 -1.54 -0.28	34.76 -1.46 -2.25	31.70 -1.33 -2.06	25.60 -0.84 -2.39	21.42 -0.48 -3.41	15.26 -0.26 -4.63	11.64 -0.11 -5.09	10.69 0.01 -5.09
EMPIRE_CC_1 323656	26.78 0.48 -2.41	25.75 0.34 -8.28	25.75 0.33 -9.00	25.79 0.24 -13.39	25.77 0.38 -7.20	27.19 0.64 0.00	39.23 0.73 -2.07	43.15 0.76 -2.53	34.79 0.58 0.00	28.75 0.48 0.00	26.02 0.31 0.00	24.75 0.39 0.00	23.73 0.37 0.00	24.24 0.50 0.00	25.41 0.50 0.00	28.03 0.52 0.00	33.96 0.70 -1.20	44.49 0.71 -9.80	40.54 0.59 -8.97	34.92 0.46 -10.41	33.67 0.31 -14.88	31.24 0.17 -20.17	28.98 0.14 -22.17	27.87 0.11 -22.17

EMPIRE_CC_2 323658	26.78 0.48 -2.41	25.75 0.34 -8.28	25.75 0.33 -9.00	25.79 0.24 -13.39	25.77 0.38 -7.20	27.19 0.64 0.00	39.23 0.73 -2.07	43.15 0.76 -2.53	34.79 0.58 0.00	28.75 0.48 0.00	26.02 0.31 0.00	24.75 0.39 0.00	23.73 0.37 0.00	24.24 0.50 0.00	25.41 0.50 0.00	28.03 0.52 0.00	33.96 0.70 -1.20	44.49 0.71 -9.80	40.54 0.59 -8.97	34.92 0.46 -10.41	33.67 0.31 -14.88	31.24 0.17 -20.17	28.98 0.14 -22.17	27.87 0.11 -22.17
ENORWICH_115KV_TB1 80156	26.71 1.96 -0.85	21.51 1.46 -2.93	21.00 1.40 -3.18	17.92 1.03 -4.74	22.40 1.66 -2.55	29.23 2.68 0.00	41.21 4.04 -0.73	45.19 4.43 -0.89	37.70 3.49 0.00	30.93 2.66 0.00	28.16 2.44 0.00	26.48 2.12 0.00	25.22 1.87 0.00	25.59 1.85 0.00	26.93 2.02 0.00	30.20 2.70 0.00	35.52 3.04 -0.42	40.66 3.23 -3.46	37.09 2.94 -3.17	29.94 2.21 -3.68	25.29 1.55 -5.26	18.94 0.92 -7.13	15.02 0.52 -7.83	13.83 0.40 -7.83
ERIE_ST__34_KV_TB1-2 80199	24.51 0.05 -0.56	19.08 0.02 -1.94	18.58 0.05 -2.11	15.33 0.04 -3.14	19.95 0.07 -1.69	27.21 0.66 0.00	36.27 -0.66 -0.49	39.54 -0.92 -0.59	34.83 0.62 0.00	29.06 0.79 0.00	26.61 0.90 0.00	25.04 0.68 0.00	24.10 0.75 0.00	24.31 0.57 0.00	25.49 0.57 0.00	28.17 0.66 0.00	31.02 -1.31 -0.28	35.01 -1.26 -2.29	31.93 -1.15 -2.10	25.74 -0.75 -2.44	21.54 -0.43 -3.48	15.37 -0.25 -4.72	11.74 -0.12 -5.19	10.78 0.00 -5.19
ERIE_WT_PWR 323693	24.67 0.21 -0.56	19.19 0.14 -1.93	18.69 0.16 -2.10	15.40 0.12 -3.12	20.07 0.20 -1.68	27.00 0.45 0.00	36.41 -0.51 -0.48	39.62 -0.84 -0.59	34.52 0.31 0.00	28.81 0.54 0.00	26.38 0.67 0.00	24.82 0.46 0.00	23.89 0.54 0.00	24.09 0.36 0.00	25.24 0.32 0.00	27.89 0.38 0.00	31.05 -1.28 -0.28	35.00 -1.26 -2.28	31.95 -1.11 -2.09	25.73 -0.75 -2.43	21.58 -0.37 -3.47	15.38 -0.22 -4.70	11.75 -0.08 -5.16	10.79 0.03 -5.17
ESPRGFLD_115KV_TB1 80157	24.58 0.76 0.08	17.41 0.57 0.28	16.65 0.53 0.30	12.10 0.40 0.45	18.59 0.64 0.24	27.64 1.09 0.00	38.19 1.82 0.07	41.85 2.07 0.09	35.86 1.64 0.00	29.49 1.22 0.00	26.77 1.05 0.00	25.24 0.88 0.00	24.03 0.68 0.00	24.40 0.66 0.00	25.66 0.75 0.00	28.58 1.07 0.00	33.20 1.19 0.04	35.04 1.39 0.33	31.94 1.27 0.30	24.61 0.91 0.35	18.61 0.63 0.50	10.64 0.43 0.68	6.15 0.23 0.75	5.01 0.17 0.75
ETNA_115_KV_TB1_REV_LBMP_C 345029	25.26 0.69 -0.67	19.95 0.51 -2.32	19.42 0.48 -2.52	16.26 0.35 -3.75	20.75 0.55 -2.01	27.45 0.90 0.00	38.14 1.13 -0.58	41.85 1.28 -0.71	35.38 1.16 0.00	29.20 0.93 0.00	26.56 0.85 0.00	25.04 0.68 0.00	24.01 0.65 0.00	24.35 0.62 0.00	25.61 0.70 0.00	28.36 0.85 0.00	33.19 0.80 -0.34	37.60 0.88 -2.74	34.35 0.87 -2.51	27.68 0.72 -2.91	23.18 0.54 -4.16	16.84 0.31 -5.64	13.05 0.18 -6.20	11.95 0.16 -6.20
ETNA_____115KV_TB2 80207	25.26 0.69 -0.67	19.95 0.51 -2.32	19.42 0.48 -2.52	16.26 0.35 -3.75	20.75 0.55 -2.01	27.45 0.90 0.00	38.14 1.13 -0.58	41.85 1.28 -0.71	35.38 1.16 0.00	29.20 0.93 0.00	26.56 0.85 0.00	25.04 0.68 0.00	24.01 0.65 0.00	24.35 0.62 0.00	25.61 0.70 0.00	28.36 0.85 0.00	33.19 0.80 -0.34	37.60 0.88 -2.74	34.35 0.87 -2.51	27.68 0.72 -2.91	23.18 0.54 -4.16	16.84 0.31 -5.64	13.05 0.18 -6.20	11.95 0.16 -6.20
EUCLID__115KV_TB2 356179	23.80 -0.10 0.00	18.13 -0.07 -1.07	17.56 -0.07 -1.20	14.29 -0.05 -2.18	19.23 -0.07 -1.11	26.42 -0.13 0.00	36.41 -0.36 -0.34	39.88 -0.40 -0.41	33.94 -0.27 0.00	28.07 -0.20 0.00	25.56 -0.15 0.00	24.16 -0.19 0.00	23.19 -0.16 0.00	23.55 -0.19 0.00	24.72 -0.20 0.00	27.29 -0.22 0.00	31.83 -0.42 -0.20	35.13 -0.44 -1.59	32.06 -0.37 -1.46	25.55 -0.19 -1.70	20.51 -0.11 -2.14	13.93 -0.07 -3.10	10.12 -0.04 -3.49	9.07 -0.02 -3.50
E_CANADA_CAP_HY 24051	27.64 0.60 -3.15	28.42 0.46 -10.83	28.64 0.44 -11.77	30.02 0.34 -17.52	28.16 0.55 -9.42	27.56 1.01 0.00	41.00 1.86 -2.71	45.21 2.03 -3.31	35.72 1.50 0.00	29.26 0.99 0.00	26.46 0.75 0.00	24.89 0.54 0.00	23.68 0.33 0.00	24.07 0.33 0.00	25.34 0.42 0.00	28.27 0.77 0.00	34.46 0.83 -1.57	47.97 1.16 -12.83	43.72 0.99 -11.76	38.37 0.67 -13.64	38.42 0.44 -19.49	37.71 0.38 -26.43	35.90 0.18 -29.05	34.76 0.12 -29.05
E_CANADA_MHWK_HY 24050	24.87 0.91 -0.06	17.99 0.65 -0.22	17.30 0.64 -0.24	12.98 0.47 -0.35	19.13 0.75 -0.19	27.72 1.17 0.00	38.24 1.75 -0.05	41.89 1.95 -0.07	35.86 1.64 0.00	29.60 1.33 0.00	26.95 1.23 0.00	25.50 1.15 0.00	24.33 0.98 0.00	24.73 1.00 0.00	25.96 1.05 0.00	28.71 1.21 0.00	33.49 1.41 -0.03	35.46 1.22 -0.26	32.45 1.24 -0.24	25.19 0.86 -0.28	19.51 0.63 -0.39	11.85 0.41 -0.53	7.51 0.25 -0.59	6.38 0.21 -0.59
E_FISHKILL__LBMP 23776	27.09 1.10 -2.10	25.12 0.77 -7.23	25.02 0.74 -7.85	24.40 0.56 -11.69	25.28 0.80 -6.28	27.74 1.19 0.00	39.95 1.71 -1.81	44.03 1.95 -2.21	35.89 1.68 0.00	29.71 1.44 0.00	26.97 1.26 0.00	25.63 1.27 0.00	24.57 1.21 0.00	25.02 1.28 0.00	26.24 1.32 0.00	28.88 1.38 0.00	34.89 1.79 -1.05	44.38 1.87 -8.54	40.53 1.73 -7.82	34.45 1.32 -9.08	32.41 0.96 -12.97	29.05 0.57 -17.59	26.35 0.35 -19.33	25.20 0.29 -19.33
FALCON__SEABRD_CC1 323796	0.06 -4.18 19.66	0.46 -2.98 13.68	0.66 -2.86 12.91	10.55 -2.05 -0.45	11.70 -3.38 3.11	21.90 -4.65 0.00	31.91 -4.59 -0.07	35.45 -4.50 -0.08	30.31 -3.90 0.00	24.88 -3.39 0.00	22.73 -2.98 0.00	21.80 -2.56 0.00	20.85 -2.50 0.00	20.72 -3.01 0.00	21.98 -2.94 0.00	24.48 -3.03 0.00	29.17 -2.92 -0.04	31.21 -3.09 -0.33	28.49 -2.79 -0.30	21.34 -3.06 -0.35	2.49 -2.29 13.70	0.93 -1.45 8.52	0.55 -0.91 5.22	0.16 -0.80 4.63
FALCON__SEABRD_CC2 323797	0.06 -4.18 19.66	0.46 -2.98 13.68	0.66 -2.86 12.91	10.55 -2.05 -0.45	11.70 -3.38 3.11	21.90 -4.65 0.00	31.91 -4.59 -0.07	35.45 -4.50 -0.08	30.31 -3.90 0.00	24.88 -3.39 0.00	22.73 -2.98 0.00	21.80 -2.56 0.00	20.85 -2.50 0.00	20.72 -3.01 0.00	21.98 -2.94 0.00	24.48 -3.03 0.00	29.17 -2.92 -0.04	31.21 -3.09 -0.33	28.49 -2.79 -0.30	21.34 -3.06 -0.35	2.49 -2.29 13.70	0.93 -1.45 8.52	0.55 -0.91 5.22	0.16 -0.80 4.63
FAR ROCKAWAY__4 23548	42.83 2.08 -16.86	42.20 1.47 -23.60	41.46 1.40 -23.64	40.78 1.05 -27.58	40.89 1.53 -21.17	42.91 2.28 -14.08	52.32 3.17 -12.71	56.52 3.63 -13.03	46.43 3.11 -9.10	41.02 2.69 -10.06	30.65 2.49 -2.44	29.98 2.44 -3.19	28.58 2.31 -2.92	30.28 2.37 -4.17	33.50 2.47 -6.11	39.82 2.61 -9.71	61.94 3.08 -26.81	63.57 3.23 -26.37	49.86 3.07 -15.81	43.87 2.48 -17.35	41.42 1.83 -21.10	36.70 1.08 -24.72	35.51 0.64 -28.20	32.13 0.51 -26.03
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	27.43 1.48 -2.06	25.24 1.04 -7.07	25.11 1.00 -7.69	24.36 0.77 -11.44	25.42 1.07 -6.15	28.12 1.57 0.00	40.46 2.26 -1.77	44.66 2.63 -2.16	36.47 2.26 0.00	30.36 2.09 0.00	27.59 1.88 0.00	26.24 1.88 0.00	25.13 1.77 0.00	25.59 1.85 0.00	26.83 1.92 0.00	29.49 1.98 0.00	35.51 2.44 -1.03	44.81 2.48 -8.36	41.05 2.42 -7.66	34.79 1.85 -8.88	32.53 1.35 -12.69	28.90 0.80 -17.21	26.07 0.48 -18.92	24.89 0.39 -18.92

FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	27.43 1.48 -2.06	25.24 1.04 -7.07	25.11 1.00 -7.69	24.36 0.77 -11.44	25.42 1.07 -6.15	28.12 1.57 0.00	40.46 2.26 -1.77	44.66 2.63 -2.16	36.47 2.26 0.00	30.36 2.09 0.00	27.59 1.88 0.00	26.24 1.88 0.00	25.13 1.77 0.00	25.59 1.85 0.00	26.83 1.92 0.00	29.49 1.98 0.00	35.51 2.44 -1.03	44.81 2.48 -8.36	41.05 2.42 -7.66	34.79 1.85 -8.88	32.53 1.35 -12.69	28.90 0.80 -17.21	26.07 0.48 -18.92	24.89 0.39 -18.92
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	27.41 1.46 -2.06	25.24 1.04 -7.07	25.10 0.99 -7.69	24.35 0.75 -11.44	25.42 1.07 -6.15	28.09 1.54 0.00	40.43 2.22 -1.77	44.62 2.59 -2.16	36.47 2.26 0.00	30.33 2.06 0.00	27.59 1.88 0.00	26.21 1.85 0.00	25.13 1.77 0.00	25.59 1.85 0.00	26.81 1.89 0.00	29.46 1.95 0.00	35.51 2.44 -1.03	44.78 2.45 -8.36	41.02 2.39 -7.66	34.76 1.83 -8.88	32.51 1.33 -12.69	28.89 0.78 -17.21	26.06 0.47 -18.92	24.89 0.38 -18.92
FARRAGUT___LBMP 323566	27.41 1.46 -2.06	25.22 1.03 -7.07	25.10 0.99 -7.69	24.35 0.75 -11.44	25.40 1.06 -6.15	28.06 1.51 0.00	40.43 2.22 -1.77	44.62 2.59 -2.16	36.44 2.22 0.00	30.31 2.04 0.00	27.57 1.85 0.00	26.19 1.83 0.00	25.10 1.75 0.00	25.56 1.83 0.00	26.78 1.87 0.00	29.43 1.93 0.00	35.48 2.40 -1.03	44.75 2.41 -8.36	40.99 2.35 -7.66	34.76 1.83 -8.88	32.49 1.31 -12.69	28.89 0.78 -17.21	26.06 0.47 -18.92	24.89 0.38 -18.92
FENNER___WINDPWR 24204	24.23 0.48 0.15	18.51 0.36 -1.03	17.95 0.35 -1.18	14.71 0.24 -2.31	19.72 0.38 -1.15	27.19 0.64 0.00	37.78 0.98 -0.36	41.42 1.11 -0.44	35.10 0.89 0.00	28.95 0.68 0.00	26.38 0.67 0.00	24.92 0.56 0.00	23.82 0.47 0.00	24.19 0.45 0.00	25.41 0.50 0.00	28.16 0.66 0.00	32.96 0.70 -0.21	36.38 0.71 -1.69	33.20 0.68 -1.55	26.37 0.53 -1.79	21.01 0.37 -2.16	14.33 0.22 -3.21	10.45 0.13 -3.65	9.36 0.11 -3.67
FIBERTEK___ENERGY 23856	24.14 0.17 -0.08	18.46 0.12 -1.21	17.89 0.11 -1.35	14.58 0.07 -2.36	19.53 0.13 -1.21	26.74 0.19 0.00	36.91 0.11 -0.36	40.43 0.12 -0.45	34.38 0.17 0.00	28.41 0.14 0.00	25.89 0.18 0.00	24.46 0.10 0.00	23.45 0.09 0.00	23.81 0.07 0.00	25.02 0.10 0.00	27.62 0.11 0.00	32.23 -0.03 -0.21	35.66 -0.03 -1.72	32.55 0.00 -1.58	25.95 0.07 -1.83	20.94 0.09 -2.37	14.34 0.05 -3.39	10.49 0.03 -3.79	9.43 0.03 -3.80
FITZPATRICK____ 23598	23.73 -0.48 -0.31	17.85 -0.34 -1.07	17.26 -0.33 -1.16	13.64 -0.24 -1.72	18.76 -0.36 -0.93	25.97 -0.58 0.00	35.76 -0.95 -0.27	39.12 -1.07 -0.33	33.32 -0.89 0.00	27.57 -0.71 0.00	25.12 -0.59 0.00	23.75 -0.61 0.00	22.79 -0.56 0.00	23.14 -0.59 0.00	24.29 -0.62 0.00	26.79 -0.72 0.00	31.28 -0.93 -0.15	34.25 -0.99 -1.26	31.26 -0.87 -1.15	24.79 -0.60 -1.34	19.99 -0.41 -1.91	13.24 -0.25 -2.60	9.38 -0.15 -2.85	8.33 -0.11 -2.85
FLOWRFLD_69_KV_BK1 356044	42.71 1.96 -16.86	42.11 1.39 -23.60	41.39 1.33 -23.64	40.73 1.00 -27.58	40.82 1.46 -21.17	42.78 2.15 -14.08	52.13 2.99 -12.71	56.28 3.39 -13.03	46.33 3.01 -9.10	40.90 2.57 -10.06	30.52 2.37 -2.44	29.88 2.34 -3.19	28.49 2.22 -2.92	30.23 2.33 -4.17	33.45 2.42 -6.11	39.80 2.59 -9.71	61.85 2.98 -26.81	63.95 3.60 -26.37	50.06 3.22 -15.86	43.95 2.50 -17.40	41.52 1.89 -21.15	36.77 1.10 -24.77	35.52 0.65 -28.20	32.15 0.53 -26.03
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	27.36 1.39 -2.08	25.23 0.96 -7.14	25.11 0.92 -7.76	24.40 0.69 -11.55	25.40 1.00 -6.21	27.98 1.43 0.00	40.26 2.04 -1.79	44.40 2.35 -2.18	36.23 2.02 0.00	29.94 1.67 0.00	27.15 1.44 0.00	25.77 1.41 0.00	24.66 1.31 0.00	25.09 1.35 0.00	26.31 1.40 0.00	29.02 1.51 0.00	35.07 1.99 -1.04	44.66 2.24 -8.44	40.69 1.98 -7.73	34.52 1.49 -8.97	32.38 1.07 -12.82	28.91 0.63 -17.38	26.15 0.37 -19.11	25.00 0.30 -19.11
FORT ORANGE____ 23900	26.89 0.53 -2.47	26.02 0.39 -8.50	26.04 0.38 -9.24	26.18 0.27 -13.75	26.04 0.46 -7.39	27.24 0.69 0.00	39.55 0.98 -2.13	43.46 1.00 -2.60	34.97 0.75 0.00	28.75 0.48 0.00	26.07 0.36 0.00	24.73 0.37 0.00	23.73 0.37 0.00	24.19 0.45 0.00	25.41 0.50 0.00	28.03 0.52 0.00	34.09 0.80 -1.23	44.99 0.95 -10.07	41.03 0.84 -9.22	35.36 0.60 -10.70	34.18 0.41 -15.29	31.86 0.23 -20.73	29.60 0.14 -22.79	28.48 0.10 -22.79
FORT_DRUM_COGEN 23780	20.59 -0.19 3.11	15.55 -0.12 1.45	15.02 -0.16 1.24	13.56 -0.12 -1.53	18.30 -0.15 -0.25	26.44 -0.11 0.00	37.15 0.47 -0.24	40.67 0.52 -0.29	34.25 0.03 0.00	28.07 -0.20 0.00	25.59 -0.13 0.00	24.09 -0.27 0.00	22.96 -0.40 0.00	23.24 -0.50 0.00	24.47 -0.45 0.00	27.34 -0.17 0.00	32.28 0.10 -0.14	35.30 0.20 -1.12	32.28 0.28 -1.02	25.36 0.12 -1.19	17.76 0.02 0.74	11.63 0.01 -0.72	8.15 -0.03 -1.51	7.14 -0.06 -1.61
FOX_HILLS___ESR 323835	27.72 1.77 -2.06	25.45 1.25 -7.07	25.28 1.17 -7.69	24.48 0.89 -11.44	25.60 1.26 -6.15	28.25 1.70 0.00	40.43 2.22 -1.77	44.46 2.43 -2.16	36.47 2.26 0.00	30.39 2.12 0.00	27.64 1.93 0.00	26.26 1.90 0.00	25.17 1.82 0.00	25.64 1.90 0.00	26.91 1.99 0.00	29.51 2.01 0.00	35.67 2.60 -1.03	44.85 2.51 -8.36	41.08 2.45 -7.66	34.86 1.92 -8.88	32.53 1.35 -12.69	28.94 0.83 -17.21	26.11 0.52 -18.92	24.95 0.43 -18.92
FPL_FAR_ROCK_GT1 24212	42.86 2.10 -16.86	42.20 1.47 -23.60	41.48 1.41 -23.64	40.78 1.05 -27.58	40.89 1.53 -21.17	42.91 2.28 -14.08	52.35 3.21 -12.71	56.52 3.63 -13.03	46.43 3.11 -9.10	41.02 2.69 -10.06	30.65 2.49 -2.44	29.98 2.44 -3.19	28.58 2.31 -2.92	30.28 2.37 -4.17	33.50 2.47 -6.11	39.82 2.61 -9.71	62.07 3.20 -26.81	63.75 3.40 -26.38	50.02 3.22 -15.82	43.88 2.48 -17.35	41.43 1.83 -21.12	36.73 1.09 -24.74	35.54 0.64 -28.23	32.15 0.51 -26.05
FPL_FAR_ROCK_GT2 23815	42.86 2.10 -16.86	42.20 1.47 -23.60	41.48 1.41 -23.64	40.78 1.05 -27.58	40.89 1.53 -21.17	42.91 2.28 -14.08	52.35 3.21 -12.71	56.52 3.63 -13.03	46.43 3.11 -9.10	41.02 2.69 -10.06	30.65 2.49 -2.44	29.98 2.44 -3.19	28.58 2.31 -2.92	30.28 2.37 -4.17	33.50 2.47 -6.11	39.82 2.61 -9.71	62.07 3.20 -26.81	63.75 3.40 -26.38	50.02 3.22 -15.82	43.88 2.48 -17.35	41.43 1.83 -21.12	36.73 1.09 -24.74	35.54 0.64 -28.23	32.15 0.51 -26.05
FRANKLIN_FALL_HYD 24054	1.53 -3.92 18.45	1.51 -2.81 12.80	1.66 -2.69 12.07	10.68 -1.97 -0.49	12.08 -3.24 2.88	22.09 -4.46 0.00	32.18 -4.34 -0.08	35.69 -4.27 -0.09	30.48 -3.73 0.00	24.99 -3.28 0.00	22.89 -2.83 0.00	21.87 -2.48 0.00	20.90 -2.45 0.00	20.75 -2.99 0.00	22.00 -2.92 0.00	24.51 -3.00 0.00	29.24 -2.85 -0.04	31.28 -3.06 -0.36	28.36 -2.94 -0.33	21.26 -3.17 -0.38	3.45 -2.35 12.68	1.61 -1.46 7.82	1.03 -0.90 4.73	0.61 -0.79 4.19
FREEPORT_EQUS_GT1 23764	42.69 1.93 -16.86	42.07 1.35 -23.60	41.36 1.30 -23.64	40.71 0.97 -27.58	40.77 1.40 -21.17	42.70 2.07 -14.08	52.10 2.95 -12.71	56.25 3.35 -13.03	46.22 2.91 -9.10	40.85 2.52 -10.06	30.47 2.32 -2.44	29.81 2.27 -3.19	28.42 2.15 -2.92	30.14 2.23 -4.17	33.35 2.32 -6.11	39.69 2.48 -9.71	61.88 3.01 -26.82	63.65 3.29 -26.38	49.80 3.00 -15.82	43.72 2.31 -17.35	41.30 1.70 -21.12	36.65 1.01 -24.74	35.49 0.60 -28.22	32.12 0.48 -26.05

FREEPORT___CT2 23818	42.69	42.07	41.36	40.71	40.77	42.70	52.10	56.25	46.22	40.85	30.47	29.81	28.42	30.14	33.35	39.69	61.88	63.65	49.80	43.72	41.30	36.65	35.49	32.12
	1.93	1.35	1.30	0.97	1.40	2.07	2.95	3.35	2.91	2.52	2.32	2.27	2.15	2.23	2.32	2.48	3.01	3.29	3.00	2.31	1.70	1.01	0.60	0.48
	-16.86	-23.60	-23.64	-27.58	-21.17	-14.08	-12.71	-13.03	-9.10	-10.06	-2.44	-3.19	-2.92	-4.17	-6.11	-9.71	-26.82	-26.38	-15.82	-17.35	-21.12	-24.74	-28.22	-26.05
FRESHKLS_33_KV_LOAD 356253	27.81	25.51	25.34	24.52	25.67	28.30	40.35	44.22	36.33	30.25	27.51	26.14	25.06	25.52	26.78	29.40	35.58	44.68	40.89	34.81	32.47	28.93	26.12	24.95
	1.86	1.32	1.23	0.92	1.33	1.75	2.15	2.19	2.12	1.98	1.80	1.78	1.70	1.78	1.87	1.90	2.50	2.34	2.26	1.88	1.29	0.82	0.53	0.43
	-2.06	-7.07	-7.69	-11.44	-6.15	0.00	-1.77	-2.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.03	-8.36	-7.66	-8.88	-12.69	-17.21	-18.92	-18.92
FULTON COGEN____ 23766	23.66	17.97	17.41	14.15	19.12	26.36	36.36	39.82	33.91	28.02	25.53	24.12	23.14	23.50	24.67	27.23	31.79	34.98	31.99	25.47	20.32	13.72	9.90	8.86
	-0.14	-0.10	-0.10	-0.07	-0.11	-0.19	-0.40	-0.44	-0.31	-0.25	-0.18	-0.24	-0.21	-0.24	-0.25	-0.28	-0.45	-0.51	-0.37	-0.19	-0.13	-0.08	-0.05	-0.03
	0.09	-0.95	-1.08	-2.07	-1.03	0.00	-0.32	-0.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.19	-1.51	-1.38	-1.61	-1.96	-2.90	-3.28	-3.30
FULTON___LFGE 323630	28.30	28.39	28.55	29.44	28.30	28.67	42.60	47.25	37.63	30.70	27.64	25.97	24.85	25.28	26.76	30.01	36.39	48.42	44.60	38.72	38.19	36.62	34.47	33.27
	1.43	1.06	1.04	0.78	1.24	2.12	3.61	4.27	3.42	2.43	1.93	1.61	1.50	1.54	1.84	2.50	2.85	2.34	2.54	1.80	1.33	0.81	0.41	0.30
	-2.97	-10.21	-11.09	-16.51	-8.87	0.00	-2.55	-3.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.48	-12.10	-11.08	-12.86	-18.38	-24.91	-27.39	-27.38
G.F.CEMENT___DRP 24184	28.12	27.11	27.13	27.24	27.14	28.67	41.84	45.82	36.85	30.14	27.21	25.60	24.59	25.02	26.36	29.13	35.31	46.67	42.53	36.58	35.35	32.91	30.61	29.46
	1.67	1.20	1.15	0.86	1.31	2.12	3.21	3.27	2.63	1.87	1.49	1.24	1.24	1.28	1.45	1.62	1.99	2.31	2.04	1.49	1.09	0.62	0.43	0.36
	-2.56	-8.79	-9.55	-14.22	-7.64	0.00	-2.20	-2.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.27	-10.39	-9.51	-11.04	-15.78	-21.39	-23.51	-23.51
GARDENVILLE___LBMP 24039	24.58	19.14	18.64	15.36	20.02	26.89	36.30	39.46	34.35	28.67	26.25	24.70	23.77	23.97	25.12	27.75	30.95	34.93	31.86	25.68	21.50	15.34	11.73	10.76
	0.12	0.09	0.11	0.09	0.15	0.35	-0.62	-1.00	0.14	0.40	0.54	0.34	0.42	0.24	0.20	0.25	-1.38	-1.33	-1.21	-0.79	-0.44	-0.25	-0.11	0.01
	-0.56	-1.93	-2.10	-3.12	-1.68	0.00	-0.48	-0.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.28	-2.28	-2.09	-2.42	-3.46	-4.70	-5.16	-5.16
GARDNVLA_35_KV_LD 355827	24.69	19.21	18.72	15.41	20.09	27.03	36.45	39.66	34.56	28.84	26.41	24.85	23.91	24.12	25.27	27.92	31.11	35.10	32.01	25.83	21.62	15.41	11.76	10.80
	0.24	0.15	0.20	0.13	0.22	0.48	-0.47	-0.80	0.34	0.57	0.69	0.49	0.56	0.38	0.35	0.41	-1.22	-1.16	-1.05	-0.65	-0.33	-0.19	-0.07	0.04
	-0.56	-1.93	-2.10	-3.12	-1.68	0.00	-0.48	-0.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.28	-2.28	-2.09	-2.43	-3.47	-4.70	-5.16	-5.16
GELCKHM___115KV_LOAD 80723	23.93	18.25	17.69	14.40	19.34	26.52	36.60	40.05	34.08	28.19	25.69	24.26	23.28	23.64	24.82	27.40	31.96	35.35	32.27	25.71	20.68	14.10	10.27	9.22
	0.00	0.00	0.00	-0.01	0.00	-0.03	-0.18	-0.24	-0.14	-0.08	-0.03	-0.10	-0.07	-0.09	-0.10	-0.11	-0.29	-0.27	-0.22	-0.10	-0.04	-0.02	-0.02	0.00
	-0.03	-1.13	-1.27	-2.26	-1.15	0.00	-0.35	-0.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.20	-1.65	-1.51	-1.75	-2.23	-3.22	-3.62	-3.63
GENERAL___MILLS 23808	24.65	19.17	18.69	15.39	20.05	26.97	36.37	39.58	34.45	28.75	26.36	24.80	23.87	24.07	25.22	27.86	31.05	35.03	31.95	25.76	21.56	15.39	11.74	10.78
	0.19	0.12	0.16	0.11	0.18	0.42	-0.55	-0.88	0.24	0.48	0.64	0.44	0.51	0.33	0.30	0.36	-1.28	-1.22	-1.12	-0.72	-0.39	-0.21	-0.09	0.03
	-0.56	-1.93	-2.10	-3.12	-1.68	0.00	-0.48	-0.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.28	-2.28	-2.09	-2.42	-3.46	-4.70	-5.16	-5.16
GE_PLASTICS___DRP 24183	26.83	25.99	26.01	26.17	25.96	27.13	39.33	43.31	34.86	28.78	26.07	24.77	23.75	24.21	25.41	28.03	34.02	44.86	40.91	35.28	34.15	31.84	29.59	28.48
	0.45	0.34	0.33	0.23	0.36	0.58	0.77	0.84	0.65	0.51	0.36	0.41	0.40	0.47	0.50	0.52	0.74	0.82	0.71	0.53	0.37	0.21	0.13	0.10
	-2.48	-8.52	-9.26	-13.78	-7.41	0.00	-2.13	-2.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.23	-10.07	-9.22	-10.70	-15.29	-20.73	-22.79	-22.79
GILBOA___1 23756	26.53	24.64	24.54	23.94	24.80	27.24	39.16	43.07	35.10	29.00	26.33	24.97	23.94	24.38	25.59	28.22	33.98	43.29	39.53	33.65	31.71	28.47	25.85	24.73
	0.57	0.41	0.39	0.29	0.44	0.69	0.95	1.03	0.89	0.73	0.62	0.61	0.58	0.64	0.67	0.71	0.90	0.92	0.87	0.67	0.48	0.28	0.17	0.14
	-2.07	-7.10	-7.72	-11.49	-6.17	0.00	-1.78	-2.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.03	-8.40	-7.69	-8.92	-12.75	-17.29	-19.01	-19.00
GILBOA___2 23757	26.53	24.64	24.54	23.94	24.80	27.24	39.16	43.07	35.10	29.00	26.33	24.97	23.94	24.38	25.59	28.22	33.98	43.29	39.53	33.65	31.71	28.47	25.85	24.73
	0.57	0.41	0.39	0.29	0.44	0.69	0.95	1.03	0.89	0.73	0.62	0.61	0.58	0.64	0.67	0.71	0.90	0.92	0.87	0.67	0.48	0.28	0.17	0.14
	-2.07	-7.10	-7.72	-11.49	-6.17	0.00	-1.78	-2.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.03	-8.40	-7.69	-8.92	-12.75	-17.29	-19.01	-19.00
GILBOA___3 23758	26.53	24.64	24.54	23.94	24.80	27.24	39.16	43.07	35.10	29.00	26.33	24.97	23.94	24.38	25.59	28.22	33.98	43.29	39.53	33.65	31.71	28.47	25.85	24.73
	0.57	0.41	0.39	0.29	0.44	0.69	0.95	1.03	0.89	0.73	0.62	0.61	0.58	0.64	0.67	0.71	0.90	0.92	0.87	0.67	0.48	0.28	0.17	0.14
	-2.07	-7.10	-7.72	-11.49	-6.17	0.00	-1.78	-2.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.03	-8.40	-7.69	-8.92	-12.75	-17.29	-19.01	-19.00
GILBOA___4 23759	26.53	24.64	24.54	23.94	24.80	27.24	39.16	43.07	35.10	29.00	26.33	24.97	23.94	24.38	25.59	28.22	33.98	43.29	39.53	33.65	31.71	28.47	25.85	24.73
	0.57	0.41	0.39	0.29	0.44	0.69	0.95	1.03	0.89	0.73	0.62	0.61	0.58	0.64	0.67	0.71	0.90	0.92	0.87	0.67	0.48	0.28	0.17	0.14
	-2.07	-7.10	-7.72	-11.49	-6.17	0.00	-1.78	-2.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.03	-8.40	-7.69	-8.92	-12.75	-17.29	-19.01	-19.00
GILBOA____ 23599	26.53	24.64	24.54	23.94	24.81	27.24	39.16	43.07	35.10	29.01	26.33	24.97	23.94	24.38	25.59	28.22	33.98	43.25	39.53	33.65	31.71	28.47	25.85	24.73
	0.57	0.41	0.39	0.29	0.44	0.69	0.95	1.04	0.89	0.74	0.62	0.61	0.58	0.64	0.67	0.72	0.90	0.88	0.87	0.67	0.48	0.28	0.17	0.14
	-2.07	-7.10	-7.72	-11.49	-6.17	0.00	-1.78	-2.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.03	-8.39	-7.69	-8.92	-12.75	-17.29	-19.00	-19.00

GINNA____ 23603	23.34 -1.03 -0.47	18.00 -0.74 -1.61	17.48 -0.69 -1.75	14.23 -0.52 -2.60	18.86 -0.73 -1.40	25.28 -1.27 0.00	34.98 -1.86 -0.40	38.13 -2.23 -0.49	32.43 -1.78 0.00	26.94 -1.33 0.00	24.53 -1.18 0.00	23.07 -1.29 0.00	22.14 -1.22 0.00	22.43 -1.31 0.00	23.52 -1.39 0.00	26.05 -1.46 0.00	30.17 -2.12 -0.23	33.80 -2.07 -1.90	30.77 -1.95 -1.74	24.61 -1.47 -2.02	20.36 -1.02 -2.89	14.17 -0.64 -3.92	10.60 -0.37 -4.31	9.63 -0.27 -4.31
GLEN PARK____ 23778	20.79 -0.07 3.03	15.70 -0.03 1.39	15.16 -0.08 1.18	13.64 -0.06 -1.54	18.41 -0.05 -0.27	26.60 0.05 0.00	37.37 0.69 -0.24	40.91 0.76 -0.29	34.42 0.21 0.00	28.19 -0.08 0.00	25.69 -0.03 0.00	24.19 -0.17 0.00	23.03 -0.33 0.00	23.33 -0.40 0.00	24.57 -0.35 0.00	27.48 -0.03 0.00	32.44 0.26 -0.14	35.51 0.41 -1.13	32.47 0.47 -1.03	25.52 0.27 -1.20	17.94 0.13 0.67	11.75 0.08 -0.78	8.23 0.01 -1.55	7.21 -0.03 -1.65
GLENDALE_27_KV_LOAD 356172	27.62 1.67 -2.06	25.39 1.20 -7.07	25.23 1.12 -7.69	24.45 0.85 -11.44	25.56 1.22 -6.15	28.25 1.70 0.00	40.46 2.26 -1.77	44.66 2.63 -2.16	36.57 2.36 0.00	30.48 2.21 0.00	27.72 2.01 0.00	26.33 1.97 0.00	25.24 1.89 0.00	25.71 1.97 0.00	26.96 2.04 0.00	29.57 2.06 0.00	35.67 2.60 -1.03	44.92 2.58 -8.36	41.14 2.51 -7.66	34.86 1.92 -8.88	32.55 1.37 -12.69	28.94 0.83 -17.21	26.10 0.51 -18.92	24.95 0.43 -18.92
GLENWOOD_IC_1_G5 23712	42.64 1.89 -16.86	42.06 1.34 -23.60	41.34 1.28 -23.64	40.69 0.96 -27.58	40.75 1.38 -21.17	42.67 2.04 -14.08	52.06 2.91 -12.71	56.24 3.35 -13.03	46.19 2.87 -9.10	40.85 2.52 -10.06	30.44 2.29 -2.44	29.79 2.24 -3.19	28.40 2.13 -2.92	30.11 2.21 -4.17	33.32 2.29 -6.11	39.66 2.45 -9.71	61.85 2.98 -26.81	63.54 3.19 -26.37	49.73 2.94 -15.81	43.66 2.26 -17.35	41.27 1.68 -21.10	36.60 0.98 -24.72	35.45 0.58 -28.20	32.09 0.47 -26.03
GLENWOOD_IC_2_G1 23688	42.57 1.82 -16.86	42.01 1.28 -23.60	41.30 1.23 -23.64	40.66 0.92 -27.58	40.71 1.35 -21.17	42.59 1.96 -14.08	51.96 2.81 -12.71	56.13 3.23 -13.03	46.09 2.77 -9.11	40.76 2.43 -10.06	30.36 2.21 -2.44	29.71 2.17 -3.19	28.33 2.06 -2.92	30.04 2.14 -4.17	33.25 2.22 -6.11	39.55 2.34 -9.71	61.76 2.89 -26.82	63.45 3.09 -26.38	49.64 2.85 -15.82	43.59 2.19 -17.35	41.21 1.61 -21.12	36.60 0.96 -24.74	35.45 0.56 -28.22	32.09 0.45 -26.05
GLENWOOD_IC_3_G1 23689	42.57 1.82 -16.86	42.01 1.28 -23.60	41.30 1.23 -23.64	40.66 0.92 -27.58	40.71 1.35 -21.17	42.59 1.96 -14.08	51.96 2.81 -12.71	56.13 3.23 -13.03	46.09 2.77 -9.11	40.76 2.43 -10.06	30.36 2.21 -2.44	29.71 2.17 -3.19	28.33 2.06 -2.92	30.04 2.14 -4.17	33.25 2.22 -6.11	39.55 2.34 -9.71	61.76 2.89 -26.82	63.45 3.09 -26.38	49.64 2.85 -15.82	43.59 2.19 -17.35	41.21 1.61 -21.12	36.60 0.96 -24.74	35.45 0.56 -28.22	32.09 0.45 -26.05
GLENWOOD____4 23550	42.64 1.89 -16.86	42.06 1.34 -23.60	41.34 1.28 -23.64	40.69 0.96 -27.58	40.75 1.38 -21.17	42.67 2.04 -14.08	52.06 2.91 -12.71	56.24 3.35 -13.03	46.19 2.87 -9.10	40.85 2.52 -10.06	30.44 2.29 -2.44	29.79 2.24 -3.19	28.40 2.13 -2.92	30.11 2.21 -4.17	33.32 2.29 -6.11	39.66 2.45 -9.71	61.85 2.98 -26.81	63.54 3.19 -26.37	49.73 2.94 -15.81	43.66 2.26 -17.35	41.27 1.68 -21.10	36.60 0.98 -24.72	35.45 0.58 -28.20	32.09 0.47 -26.03
GLENWOOD____5 23614	42.64 1.89 -16.86	42.06 1.34 -23.60	41.34 1.28 -23.64	40.69 0.96 -27.58	40.75 1.38 -21.17	42.67 2.04 -14.08	52.06 2.91 -12.71	56.24 3.35 -13.03	46.19 2.87 -9.10	40.85 2.52 -10.06	30.44 2.29 -2.44	29.79 2.24 -3.19	28.40 2.13 -2.92	30.11 2.21 -4.17	33.32 2.29 -6.11	39.66 2.45 -9.71	61.85 2.98 -26.81	63.54 3.19 -26.37	49.73 2.94 -15.81	43.66 2.26 -17.35	41.27 1.68 -21.10	36.60 0.98 -24.72	35.45 0.58 -28.20	32.09 0.47 -26.03
GLOBAL GREEN_PORT_GT1 23814	43.43 2.68 -16.86	42.62 1.90 -23.60	41.89 1.82 -23.64	41.07 1.34 -27.58	41.35 1.98 -21.17	43.65 3.03 -14.08	53.48 4.33 -12.71	57.72 4.82 -13.03	47.49 4.17 -9.11	41.67 3.33 -10.06	31.34 3.19 -2.44	30.59 3.04 -3.19	29.19 2.92 -2.92	30.92 3.01 -4.17	34.27 3.24 -6.11	40.79 3.57 -9.71	63.17 4.30 -26.82	65.66 5.30 -26.38	51.42 4.58 -15.86	44.98 3.54 -17.40	42.30 2.66 -21.16	37.22 1.54 -24.78	35.77 0.88 -28.22	32.34 0.70 -26.05
GLOBE____DSASP 323697	23.95 -0.48 -0.54	18.68 -0.29 -1.85	18.19 -0.25 -2.01	14.94 -0.21 -2.99	19.53 -0.27 -1.61	25.81 -0.74 0.00	35.04 -1.86 -0.46	37.96 -2.47 -0.57	32.74 -1.47 0.00	27.39 -0.88 0.00	25.10 -0.62 0.00	23.60 -0.76 0.00	22.75 -0.61 0.00	22.93 -0.81 0.00	23.99 -0.92 0.00	26.49 -1.02 0.00	29.72 -2.60 -0.27	33.54 -2.62 -2.19	30.65 -2.32 -2.00	24.84 -1.54 -2.32	20.77 -1.04 -3.32	14.83 -0.57 -4.50	11.32 -0.28 -4.93	10.42 -0.12 -4.95
GOETHSLN____LBMP 323567	27.31 1.36 -2.06	25.15 0.96 -7.07	25.03 0.92 -7.69	24.30 0.70 -11.44	25.32 0.98 -6.15	27.98 1.43 0.00	40.28 2.08 -1.77	44.42 2.39 -2.16	36.30 2.09 0.00	30.22 1.95 0.00	27.49 1.77 0.00	26.14 1.78 0.00	25.03 1.68 0.00	25.49 1.76 0.00	26.74 1.82 0.00	29.38 1.87 0.00	35.35 2.28 -1.03	44.54 2.21 -8.36	40.89 2.26 -7.66	34.67 1.73 -8.88	32.45 1.28 -12.69	28.86 0.75 -17.21	26.04 0.45 -18.92	24.87 0.36 -18.92
GOLAH____69_KV_TB 1_2 80279	24.91 0.53 -0.49	19.21 0.41 -1.68	18.68 0.43 -1.82	15.17 0.30 -2.71	20.14 0.49 -1.46	27.19 0.64 0.00	37.22 0.36 -0.42	40.50 0.12 -0.51	34.83 0.62 0.00	28.89 0.62 0.00	26.36 0.64 0.00	24.70 0.34 0.00	23.73 0.37 0.00	23.95 0.21 0.00	25.12 0.20 0.00	27.78 0.28 0.00	31.69 -0.61 -0.24	36.06 0.10 -1.98	32.39 -0.40 -1.82	25.92 -0.24 -2.11	21.46 -0.04 -3.01	14.93 -0.05 -4.08	11.16 0.01 -4.49	10.17 0.09 -4.49
GOODYEAR_LAKE_HYD 323669	25.57 0.93 -0.74	20.37 0.68 -2.56	19.85 0.64 -2.78	16.78 0.49 -4.14	21.16 0.75 -2.22	27.74 1.19 0.00	38.86 1.79 -0.64	42.68 2.03 -0.78	35.89 1.68 0.00	29.63 1.36 0.00	26.95 1.23 0.00	25.46 1.10 0.00	24.31 0.96 0.00	24.71 0.97 0.00	25.94 1.02 0.00	28.80 1.29 0.00	33.86 1.44 -0.37	38.56 1.56 -3.02	35.20 1.46 -2.77	28.35 1.08 -3.21	23.85 0.78 -4.59	17.60 0.48 -6.23	13.79 0.27 -6.85	12.65 0.21 -6.84
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	25.27 0.48 -0.90	20.55 0.34 -3.08	20.10 0.33 -3.35	17.37 0.23 -4.98	21.24 0.36 -2.68	27.19 0.64 0.00	37.83 0.62 -0.77	41.48 0.68 -0.94	35.00 0.79 0.00	28.98 0.71 0.00	26.41 0.69 0.00	24.94 0.58 0.00	23.91 0.56 0.00	24.28 0.55 0.00	25.49 0.57 0.00	28.17 0.66 0.00	32.85 0.35 -0.45	38.06 0.44 -3.64	34.75 0.43 -3.34	28.31 0.38 -3.87	24.31 0.30 -5.53	18.57 0.17 -7.50	15.02 0.11 -8.24	13.94 0.11 -8.24
GOUDEY____7 23579	25.27 0.48 -0.90	20.56 0.36 -3.08	20.12 0.34 -3.35	17.38 0.24 -4.98	21.25 0.38 -2.68	27.21 0.66 0.00	37.86 0.66 -0.77	41.52 0.72 -0.94	35.03 0.82 0.00	29.01 0.74 0.00	26.43 0.72 0.00	24.97 0.61 0.00	23.94 0.58 0.00	24.31 0.57 0.00	25.51 0.60 0.00	28.19 0.69 0.00	32.91 0.42 -0.45	38.09 0.48 -3.64	34.78 0.46 -3.34	28.33 0.41 -3.87	24.33 0.31 -5.53	18.58 0.19 -7.50	15.03 0.11 -8.24	13.94 0.11 -8.24

GOUDEY___8 23580	25.27 0.48 -0.90	20.55 0.34 -3.08	20.10 0.33 -3.35	17.37 0.23 -4.98	21.24 0.36 -2.68	27.19 0.64 0.00	37.83 0.62 -0.77	41.48 0.68 -0.94	35.00 0.79 0.00	28.98 0.71 0.00	26.41 0.69 0.00	24.94 0.58 0.00	23.91 0.56 0.00	24.28 0.55 0.00	25.49 0.57 0.00	28.17 0.66 0.00	32.85 0.35 -0.45	38.06 0.44 -3.64	34.75 0.43 -3.34	28.31 0.38 -3.87	24.31 0.30 -5.53	18.57 0.17 -7.50	15.02 0.11 -8.24	13.94 0.11 -8.24
GOWANUS_GT1_1 24077	27.67 1.72 -2.06	25.41 1.22 -7.07	25.26 1.15 -7.69	24.46 0.86 -11.44	25.58 1.24 -6.15	28.22 1.67 0.00	40.43 2.22 -1.77	44.54 2.51 -2.16	36.51 2.29 0.00	30.42 2.15 0.00	27.67 1.95 0.00	26.28 1.92 0.00	25.20 1.84 0.00	25.66 1.92 0.00	26.91 1.99 0.00	29.54 2.04 0.00	35.67 2.60 -1.03	44.88 2.55 -8.36	41.11 2.48 -7.66	34.86 1.92 -8.88	32.53 1.35 -12.69	28.94 0.83 -17.21	26.10 0.51 -18.92	24.94 0.42 -18.92
GOWANUS_GT1_2 24078	27.67 1.72 -2.06	25.41 1.22 -7.07	25.26 1.15 -7.69	24.46 0.86 -11.44	25.58 1.24 -6.15	28.22 1.67 0.00	40.43 2.22 -1.77	44.54 2.51 -2.16	36.51 2.29 0.00	30.42 2.15 0.00	27.67 1.95 0.00	26.28 1.92 0.00	25.20 1.84 0.00	25.66 1.92 0.00	26.91 1.99 0.00	29.54 2.04 0.00	35.67 2.60 -1.03	44.88 2.55 -8.36	41.11 2.48 -7.66	34.86 1.92 -8.88	32.53 1.35 -12.69	28.94 0.83 -17.21	26.10 0.51 -18.92	24.94 0.42 -18.92
GOWANUS_GT1_3 24079	27.67 1.72 -2.06	25.41 1.22 -7.07	25.26 1.15 -7.69	24.46 0.86 -11.44	25.58 1.24 -6.15	28.22 1.67 0.00	40.43 2.22 -1.77	44.54 2.51 -2.16	36.51 2.29 0.00	30.42 2.15 0.00	27.67 1.95 0.00	26.28 1.92 0.00	25.20 1.84 0.00	25.66 1.92 0.00	26.91 1.99 0.00	29.54 2.04 0.00	35.67 2.60 -1.03	44.88 2.55 -8.36	41.11 2.48 -7.66	34.86 1.92 -8.88	32.53 1.35 -12.69	28.94 0.83 -17.21	26.10 0.51 -18.92	24.94 0.42 -18.92
GOWANUS_GT1_4 24080	27.67 1.72 -2.06	25.41 1.22 -7.07	25.26 1.15 -7.69	24.46 0.86 -11.44	25.58 1.24 -6.15	28.22 1.67 0.00	40.43 2.22 -1.77	44.54 2.51 -2.16	36.51 2.29 0.00	30.42 2.15 0.00	27.67 1.95 0.00	26.28 1.92 0.00	25.20 1.84 0.00	25.66 1.92 0.00	26.91 1.99 0.00	29.54 2.04 0.00	35.67 2.60 -1.03	44.88 2.55 -8.36	41.11 2.48 -7.66	34.86 1.92 -8.88	32.53 1.35 -12.69	28.94 0.83 -17.21	26.10 0.51 -18.92	24.94 0.42 -18.92
GOWANUS_GT1_5 24084	27.67 1.72 -2.06	25.41 1.22 -7.07	25.26 1.15 -7.69	24.46 0.86 -11.44	25.58 1.24 -6.15	28.22 1.67 0.00	40.43 2.22 -1.77	44.54 2.51 -2.16	36.51 2.29 0.00	30.42 2.15 0.00	27.67 1.95 0.00	26.28 1.92 0.00	25.20 1.84 0.00	25.66 1.92 0.00	26.91 1.99 0.00	29.54 2.04 0.00	35.67 2.60 -1.03	44.88 2.55 -8.36	41.11 2.48 -7.66	34.86 1.92 -8.88	32.53 1.35 -12.69	28.94 0.83 -17.21	26.10 0.51 -18.92	24.94 0.42 -18.92
GOWANUS_GT1_6 24111	27.67 1.72 -2.06	25.41 1.22 -7.07	25.26 1.15 -7.69	24.46 0.86 -11.44	25.58 1.24 -6.15	28.22 1.67 0.00	40.43 2.22 -1.77	44.54 2.51 -2.16	36.51 2.29 0.00	30.42 2.15 0.00	27.67 1.95 0.00	26.28 1.92 0.00	25.20 1.84 0.00	25.66 1.92 0.00	26.91 1.99 0.00	29.54 2.04 0.00	35.67 2.60 -1.03	44.88 2.55 -8.36	41.11 2.48 -7.66	34.86 1.92 -8.88	32.53 1.35 -12.69	28.94 0.83 -17.21	26.10 0.51 -18.92	24.94 0.42 -18.92
GOWANUS_GT1_7 24112	27.67 1.72 -2.06	25.41 1.22 -7.07	25.26 1.15 -7.69	24.46 0.86																				

GOWANUS_GT2_7 24120	27.67 1.72 -2.06	25.41 1.22 -7.07	25.26 1.15 -7.69	24.46 0.86 -11.44	25.58 1.24 -6.15	28.22 1.67 0.00	40.43 2.22 -1.77	44.54 2.51 -2.16	36.51 2.29 0.00	30.42 2.15 0.00	27.67 1.95 0.00	26.28 1.92 0.00	25.20 1.84 0.00	25.66 1.92 0.00	26.91 1.99 0.00	29.54 2.04 0.00	35.67 2.59 -1.03	44.89 2.55 -8.37	41.12 2.48 -7.66	34.87 1.92 -8.89	32.54 1.35 -12.71	28.98 0.85 -17.23	26.13 0.52 -18.94	24.96 0.42 -18.94
GOWANUS_GT2_8 24121	27.67 1.72 -2.06	25.41 1.22 -7.07	25.26 1.15 -7.69	24.46 0.86 -11.44	25.58 1.24 -6.15	28.22 1.67 0.00	40.43 2.22 -1.77	44.54 2.51 -2.16	36.51 2.29 0.00	30.42 2.15 0.00	27.67 1.95 0.00	26.28 1.92 0.00	25.20 1.84 0.00	25.66 1.92 0.00	26.91 1.99 0.00	29.54 2.04 0.00	35.67 2.59 -1.03	44.89 2.55 -8.37	41.12 2.48 -7.66	34.87 1.92 -8.89	32.54 1.35 -12.71	28.98 0.85 -17.23	26.13 0.52 -18.94	24.96 0.42 -18.94
GOWANUS_GT3_1 24122	27.67 1.72 -2.06	25.41 1.22 -7.07	25.26 1.15 -7.69	24.46 0.86 -11.44	25.58 1.24 -6.15	28.22 1.67 0.00	40.43 2.22 -1.77	44.54 2.51 -2.16	36.51 2.29 0.00	30.42 2.15 0.00	27.67 1.95 0.00	26.28 1.92 0.00	25.20 1.84 0.00	25.66 1.92 0.00	26.91 1.99 0.00	29.54 2.04 0.00	35.67 2.59 -1.03	44.89 2.55 -8.37	41.12 2.48 -7.66	34.87 1.92 -8.89	32.54 1.35 -12.71	28.98 0.85 -17.23	26.13 0.52 -18.94	24.96 0.42 -18.94
GOWANUS_GT3_2 24123	27.67 1.72 -2.06	25.41 1.22 -7.07	25.26 1.15 -7.69	24.46 0.86 -11.44	25.58 1.24 -6.15	28.22 1.67 0.00	40.43 2.22 -1.77	44.54 2.51 -2.16	36.51 2.29 0.00	30.42 2.15 0.00	27.67 1.95 0.00	26.28 1.92 0.00	25.20 1.84 0.00	25.66 1.92 0.00	26.91 1.99 0.00	29.54 2.04 0.00	35.67 2.59 -1.03	44.89 2.55 -8.37	41.12 2.48 -7.66	34.87 1.92 -8.89	32.54 1.35 -12.71	28.98 0.85 -17.23	26.13 0.52 -18.94	24.96 0.42 -18.94
GOWANUS_GT3_3 24124	27.67 1.72 -2.06	25.41 1.22 -7.07	25.26 1.15 -7.69	24.46 0.86 -11.44	25.58 1.24 -6.15	28.22 1.67 0.00	40.43 2.22 -1.77	44.54 2.51 -2.16	36.51 2.29 0.00	30.42 2.15 0.00	27.67 1.95 0.00	26.28 1.92 0.00	25.20 1.84 0.00	25.66 1.92 0.00	26.91 1.99 0.00	29.54 2.04 0.00	35.67 2.59 -1.03	44.89 2.55 -8.37	41.12 2.48 -7.66	34.87 1.92 -8.89	32.54 1.35 -12.71	28.98 0.85 -17.23	26.13 0.52 -18.94	24.96 0.42 -18.94
GOWANUS_GT3_4 24125	27.67 1.72 -2.06	25.41 1.22 -7.07	25.26 1.15 -7.69	24.46 0.86 -11.44	25.58 1.24 -6.15	28.22 1.67 0.00	40.43 2.22 -1.77	44.54 2.51 -2.16	36.51 2.29 0.00	30.42 2.15 0.00	27.67 1.95 0.00	26.28 1.92 0.00	25.20 1.84 0.00	25.66 1.92 0.00	26.91 1.99 0.00	29.54 2.04 0.00	35.67 2.59 -1.03	44.89 2.55 -8.37	41.12 2.48 -7.66	34.87 1.92 -8.89	32.54 1.35 -12.71	28.98 0.85 -17.23	26.13 0.52 -18.94	24.96 0.42 -18.94
GOWANUS_GT3_5 24126	27.67 1.72 -2.06	25.41 1.22 -7.07	25.26 1.15 -7.69	24.46 0.86 -11.44	25.58 1.24 -6.15	28.22 1.67 0.00	40.43 2.22 -1.77	44.54 2.51 -2.16	36.51 2.29 0.00	30.42 2.15 0.00	27.67 1.95 0.00	26.28 1.92 0.00	25.20 1.84 0.00	25.66 1.92 0.00	26.91 1.99 0.00	29.54 2.04 0.00	35.67 2.59 -1.03	44.89 2.55 -8.37	41.12 2.48 -7.66	34.87 1.92 -8.89	32.54 1.35 -12.71	28.98 0.85 -17.23	26.13 0.52 -18.94	24.96 0.42 -18.94
GOWANUS_GT3_6 24127	27.67 1.72 -2.06	25.41 1.22 -7.07	25.26 1.15 -7.69	24.46																				

GOWANUS_GT4_6 24135	27.67 1.72 -2.06	25.41 1.22 -7.07	25.26 1.15 -7.69	24.46 0.86 -11.44	25.58 1.24 -6.15	28.22 1.67 0.00	40.43 2.22 -1.77	44.54 2.51 -2.16	36.51 2.29 0.00	30.42 2.15 0.00	27.67 1.95 0.00	26.28 1.92 0.00	25.20 1.84 0.00	25.66 1.92 0.00	26.91 1.99 0.00	29.54 2.04 0.00	35.67 2.60 -1.03	44.88 2.55 -8.36	41.11 2.48 -7.66	34.86 1.92 -8.88	32.53 1.35 -12.69	28.94 0.83 -17.21	26.10 0.51 -18.92	24.94 0.42 -18.92
GOWANUS_GT4_7 24136	27.67 1.72 -2.06	25.41 1.22 -7.07	25.26 1.15 -7.69	24.46 0.86 -11.44	25.58 1.24 -6.15	28.22 1.67 0.00	40.43 2.22 -1.77	44.54 2.51 -2.16	36.51 2.29 0.00	30.42 2.15 0.00	27.67 1.95 0.00	26.28 1.92 0.00	25.20 1.84 0.00	25.66 1.92 0.00	26.91 1.99 0.00	29.54 2.04 0.00	35.67 2.60 -1.03	44.88 2.55 -8.36	41.11 2.48 -7.66	34.86 1.92 -8.88	32.53 1.35 -12.69	28.94 0.83 -17.21	26.10 0.51 -18.92	24.94 0.42 -18.92
GOWANUS_GT4_8 24137	27.67 1.72 -2.06	25.41 1.22 -7.07	25.26 1.15 -7.69	24.46 0.86 -11.44	25.58 1.24 -6.15	28.22 1.67 0.00	40.43 2.22 -1.77	44.54 2.51 -2.16	36.51 2.29 0.00	30.42 2.15 0.00	27.67 1.95 0.00	26.28 1.92 0.00	25.20 1.84 0.00	25.66 1.92 0.00	26.91 1.99 0.00	29.54 2.04 0.00	35.67 2.60 -1.03	44.88 2.55 -8.36	41.11 2.48 -7.66	34.86 1.92 -8.88	32.53 1.35 -12.69	28.94 0.83 -17.21	26.10 0.51 -18.92	24.94 0.42 -18.92
GREENBSH_115KV_TB3 55895	26.71 0.33 -2.48	25.94 0.27 -8.55	25.96 0.25 -9.29	26.15 0.17 -13.82	25.93 0.31 -7.43	27.03 0.48 0.00	39.19 0.62 -2.14	43.11 0.64 -2.61	34.69 0.48 0.00	28.64 0.37 0.00	25.95 0.23 0.00	24.65 0.29 0.00	23.66 0.30 0.00	24.12 0.38 0.00	25.31 0.40 0.00	27.89 0.39 0.00	33.90 0.61 -1.24	44.75 0.68 -10.10	40.82 0.59 -9.25	35.22 0.43 -10.74	34.10 0.28 -15.34	31.85 0.15 -20.80	29.63 0.09 -22.86	28.52 0.07 -22.86
GREENDGE_115KV_TB5 80291	25.04 0.53 -0.62	19.64 0.39 -2.12	19.13 0.39 -2.31	15.87 0.28 -3.43	20.49 0.45 -1.85	27.37 0.82 0.00	37.80 0.84 -0.53	40.99 0.48 -0.65	35.31 1.09 0.00	29.23 0.96 0.00	26.64 0.93 0.00	25.04 0.68 0.00	24.03 0.68 0.00	24.35 0.62 0.00	25.56 0.65 0.00	28.28 0.77 0.00	32.65 0.29 -0.31	36.76 0.27 -2.51	33.68 0.40 -2.30	27.10 0.38 -2.67	22.59 0.30 -3.81	16.22 0.15 -5.17	12.44 0.09 -5.68	11.38 0.11 -5.68
GREENIDGE___3 23582	25.04 0.53 -0.62	19.64 0.39 -2.12	19.13 0.39 -2.31	15.87 0.28 -3.43	20.49 0.45 -1.85	27.37 0.82 0.00	37.80 0.84 -0.53	40.99 0.48 -0.65	35.31 1.09 0.00	29.23 0.96 0.00	26.64 0.93 0.00	25.04 0.68 0.00	24.03 0.68 0.00	24.35 0.62 0.00	25.56 0.65 0.00	28.28 0.77 0.00	32.65 0.29 -0.31	36.76 0.27 -2.51	33.68 0.40 -2.30	27.10 0.38 -2.67	22.59 0.30 -3.81	16.22 0.15 -5.17	12.44 0.09 -5.68	11.38 0.11 -5.68
GREENIDGE___4 23583	25.04 0.53 -0.62	19.64 0.39 -2.12	19.13 0.39 -2.31	15.87 0.28 -3.43	20.49 0.46 -1.85	27.37 0.82 0.00	37.81 0.84 -0.53	40.99 0.48 -0.65	35.31 1.09 0.00	29.23 0.96 0.00	26.64 0.92 0.00	25.04 0.68 0.00	24.03 0.68 0.00	24.35 0.62 0.00	25.56 0.65 0.00	28.27 0.77 0.00	32.65 0.29 -0.31	36.73 0.24 -2.51	33.68 0.40 -2.30	27.10 0.38 -2.67	22.59 0.29 -3.81	16.22 0.15 -5.17	12.44 0.09 -5.68	11.38 0.11 -5.68
GREENLWN_69_KV_BK 3 55738	42.40 1.65 -16.86	41.90 1.18 -23.60	41.21 1.15 -23.64	40.63 0.90 -27.58	40.66 1.29 -21.17	42.41 1.78 -14.08	51.66 2.51 -12.71	55.80 2.91 -13.03	45.81 2.50 -9.10	40.68 2.35 -10.06	30.13 1.98 -2.44	29.49 1.95 -3.19	28.14 1.87 -2.92	29.85 1.95 -4.17	33.05 2.02 -6.11	39.36 2.15 -9.71	61.53 2.66 -26.81	63.17 2.82 -26.37	49.42 2.63 -15.81	43.41 2.02 -17.34	41.08 1.50 -21.10	36.52 0.90 -24.72	35.42 0.55 -28.20	32.08 0.46 -26.03
GREENWD_138_KV_38B11_REV_LBMP_J 345004	27.67 1.72 -2.06	25.41 1.22 -7.07	25.26 1.15 -7.69	24.46 0.86 -11.44	25.58 1.24 -6.15	28.22 1.67 0.00	40.43 2.22 -1.77	44.54 2.51 -2.16	36.51 2.29 0.00	30.42 2.15 0.00	27.67 1.95 0.00	26.28 1.92 0.00	25.20 1.84 0.00	25.66 1.92 0.00	26.91 1.99 0.00	29.54 2.04 0.00	35.67 2.60 -1.03	44.88 2.55 -8.36	41.11 2.48 -7.66	34.86 1.92 -8.88	32.53 1.35 -12.69	28.94 0.83 -17.21	26.10 0.51 -18.92	24.94 0.42 -18.92
GRISSOM___SOLAR 323813	28.30 1.43 -2.97	28.39 1.06 -10.21	28.55 1.04 -11.09	29.44 0.78 -16.51	28.30 1.24 -8.87	28.67 2.12 0.00	42.60 3.61 -2.55	47.25 4.27 -3.12	37.63 3.42 0.00	30.70 2.43 0.00	27.64 1.93 0.00	25.97 1.61 0.00	24.85 1.50 0.00	25.28 1.54 0.00	26.76 1.84 0.00	30.01 2.50 0.00	36.39 2.85 -1.48	48.42 2.34 -12.10	44.60 2.54 -11.08	38.72 1.80 -12.86	38.19 1.33 -18.38	36.62 0.81 -24.91	34.47 0.41 -27.39	33.27 0.30 -27.38
GROVEVILLE___HYD 323602	27.36 1.39 -2.08	25.23 0.96 -7.14	25.11 0.92 -7.76	24.40 0.69 -11.55	25.40 1.00 -6.21	27.98 1.43 0.00	40.26 2.04 -1.79	44.40 2.35 -2.18	36.23 2.02 0.00	29.94 1.67 0.00	27.15 1.44 0.00	25.77 1.41 0.00	24.66 1.31 0.00	25.09 1.35 0.00	26.31 1.40 0.00	29.02 1.51 0.00	35.07 1.99 -1.04	44.66 2.24 -8.44	40.69 1.98 -7.73	34.52 1.49 -8.97	32.38 1.07 -12.82	28.91 0.63 -17.38	26.15 0.37 -19.11	25.00 0.30 -19.11
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	24.14 0.17 -0.08	18.46 0.12 -1.21	17.89 0.11 -1.35	14.58 0.07 -2.36	19.53 0.13 -1.21	26.74 0.19 0.00	36.91 0.11 -0.36	40.43 0.12 -0.45	34.38 0.17 0.00	28.41 0.14 0.00	25.89 0.18 0.00	24.46 0.10 0.00	23.45 0.09 0.00	23.81 0.07 0.00	25.02 0.10 0.00	27.62 0.11 0.00	32.23 -0.03 -0.21	35.66 -0.03 -1.72	32.55 0.00 -1.58	25.95 0.07 -1.83	20.94 0.09 -2.37	14.34 0.05 -3.39	10.49 0.03 -3.79	9.43 0.03 -3.80
HAMLTNNY_34_KV_TB 80303	24.55 0.22 -0.44	18.78 0.15 -1.50	18.21 0.15 -1.63	14.68 0.10 -2.43	19.66 0.16 -1.31	26.79 0.24 0.00	36.99 0.18 -0.38	40.52 0.20 -0.46	34.45 0.24 0.00	28.50 0.23 0.00	25.95 0.23 0.00	24.51 0.15 0.00	23.49 0.14 0.00	23.85 0.12 0.00	25.04 0.12 0.00	27.67 0.17 0.00	32.27 0.00 -0.22	35.85 0.10 -1.78	32.67 0.06 -1.63	26.06 0.12 -1.89	21.29 0.11 -2.70	14.62 0.07 -3.66	10.73 0.04 -4.02	9.66 0.04 -4.02
HAMPSHIRE___PAPER_HYD 323593	11.05 -2.03 10.81	8.36 -1.51 7.25	8.13 -1.49 6.80	11.84 -1.11 -0.79	14.98 -1.78 1.43	24.11 -2.44 0.00	34.33 -2.22 -0.12	37.78 -2.23 -0.15	32.02 -2.19 0.00	26.23 -2.04 0.00	23.94 -1.77 0.00	22.73 -1.63 0.00	21.67 -1.68 0.00	21.74 -1.99 0.00	22.95 -1.97 0.00	25.58 -1.93 0.00	30.36 -1.76 -0.07	32.65 -1.90 -0.58	29.80 -1.70 -0.53	22.86 -1.80 -0.61	10.11 -1.37 7.01	6.15 -0.83 3.92	4.15 -0.52 2.00	3.45 -0.46 1.68
HARDSCRABBLE_WT_PWR 323673	24.60 0.65 -0.06	17.82 0.48 -0.22	17.12 0.46 -0.24	12.86 0.35 -0.35	18.95 0.56 -0.19	27.45 0.90 0.00	37.91 1.42 -0.05	41.53 1.60 -0.07	35.55 1.33 0.00	29.34 1.07 0.00	26.72 1.00 0.00	25.31 0.95 0.00	24.17 0.82 0.00	24.54 0.81 0.00	25.76 0.85 0.00	28.52 1.02 0.00	33.23 1.15 -0.03	35.18 0.95 -0.26	32.14 0.93 -0.24	24.95 0.62 -0.28	19.32 0.44 -0.39	11.74 0.30 -0.53	7.44 0.18 -0.59	6.32 0.15 -0.59

HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	27.14 1.29 -1.95	24.72 0.89 -6.71	24.57 0.85 -7.29	23.65 0.64 -10.85	24.95 0.93 -5.83	27.88 1.33 0.00	40.01 1.89 -1.68	44.11 2.19 -2.05	36.10 1.88 0.00	29.91 1.64 0.00	27.15 1.44 0.00	25.80 1.44 0.00	24.68 1.33 0.00	25.14 1.40 0.00	26.36 1.45 0.00	29.05 1.54 0.00	35.01 1.99 -0.97	44.01 2.11 -7.93	40.22 1.98 -7.26	33.97 1.49 -8.43	31.60 1.07 -12.04	27.86 0.63 -16.33	24.99 0.37 -17.95	23.83 0.30 -17.95
HARSNRAD_115KV_TB1 81005	24.43 0.00 -0.54	18.98 0.00 -1.85	18.47 0.03 -2.01	15.16 0.01 -3.00	19.86 0.05 -1.61	26.47 -0.08 0.00	35.92 -0.98 -0.46	38.96 -1.48 -0.57	33.70 -0.51 0.00	28.16 -0.11 0.00	25.79 0.08 0.00	24.24 -0.12 0.00	23.33 -0.02 0.00	23.52 -0.21 0.00	24.64 -0.27 0.00	27.23 -0.28 0.00	30.49 -1.83 -0.27	34.40 -1.77 -2.19	31.37 -1.61 -2.01	25.35 -1.03 -2.33	21.20 -0.61 -3.33	15.07 -0.34 -4.51	11.47 -0.15 -4.96	10.54 -0.01 -4.96
HARZA MOOSE__RIVER 24016	20.90 -0.14 2.85	15.43 -0.10 1.59	14.86 -0.13 1.43	12.92 -0.10 -0.87	18.02 -0.13 0.04	26.47 -0.08 0.00	36.93 0.36 -0.13	40.51 0.48 -0.16	34.38 0.17 0.00	28.27 0.00 0.00	25.77 0.05 0.00	24.36 0.00 0.00	23.24 -0.12 0.00	23.52 -0.21 0.00	24.77 -0.15 0.00	27.53 0.03 0.00	32.35 0.22 -0.08	34.78 0.17 -0.63	31.80 0.25 -0.58	24.75 0.02 -0.67	17.26 -0.02 1.20	10.79 -0.01 0.10	7.17 -0.03 -0.52	6.16 -0.04 -0.61
HDSNBRDG_115KV_BRDG_TB1 355580	23.94 0.02 -0.02	18.26 0.02 -1.12	17.69 0.02 -1.25	14.39 0.00 -2.24	19.35 0.02 -1.14	26.55 0.00 0.00	36.64 -0.15 -0.35	40.09 -0.20 -0.42	34.15 -0.07 0.00	28.24 -0.03 0.00	25.71 0.00 0.00	24.31 -0.05 0.00	23.33 -0.02 0.00	23.69 -0.05 0.00	24.87 -0.05 0.00	27.45 -0.06 0.00	32.00 -0.26 -0.20	35.37 -0.24 -1.64	32.29 -0.19 -1.50	25.72 -0.07 -1.74	20.68 -0.02 -2.21	14.08 -0.01 -3.19	10.25 -0.01 -3.59	9.19 0.01 -3.60
HELLGATE_13_KV_LD 55870	27.55 1.60 -2.06	25.34 1.15 -7.07	25.20 1.08 -7.69	24.42 0.83 -11.44	25.51 1.16 -6.15	28.14 1.59 0.00	40.28 2.08 -1.77	44.42 2.39 -2.16	36.37 2.16 0.00	30.31 2.04 0.00	27.57 1.85 0.00	26.19 1.83 0.00	25.13 1.77 0.00	25.59 1.85 0.00	26.81 1.89 0.00	29.43 1.93 0.00	35.48 2.40 -1.03	44.68 2.34 -8.36	40.96 2.32 -7.66	34.72 1.78 -8.88	32.45 1.28 -12.69	28.88 0.77 -17.21	26.08 0.49 -18.92	24.93 0.41 -18.92
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	27.55 1.60 -2.06	25.34 1.15 -7.07	25.20 1.08 -7.69	24.42 0.83 -11.44	25.51 1.16 -6.15	28.14 1.59 0.00	40.28 2.08 -1.77	44.42 2.39 -2.16	36.37 2.16 0.00	30.31 2.04 0.00	27.57 1.85 0.00	26.19 1.83 0.00	25.13 1.77 0.00	25.59 1.85 0.00	26.81 1.89 0.00	29.43 1.93 0.00	35.48 2.40 -1.03	44.68 2.34 -8.36	40.96 2.32 -7.66	34.72 1.78 -8.88	32.45 1.28 -12.69	28.88 0.77 -17.21	26.08 0.49 -18.92	24.93 0.41 -18.92
HEMPSTEAD____ 23647	42.52 1.77 -16.86	41.97 1.25 -23.60	41.26 1.20 -23.64	40.63 0.90 -27.58	40.66 1.29 -21.17	42.54 1.91 -14.08	51.88 2.73 -12.71	56.01 3.11 -13.03	46.02 2.70 -9.10	40.68 2.35 -10.06	30.31 2.16 -2.44	29.66 2.12 -3.19	28.28 2.01 -2.92	30.00 2.09 -4.17	33.20 2.17 -6.11	39.52 2.31 -9.71	61.66 2.79 -26.82	63.42 3.06 -26.38	49.59 2.79 -15.82	43.55 2.14 -17.35	41.17 1.57 -21.12	36.58 0.94 -24.74	35.44 0.55 -28.22	32.08 0.44 -26.05
HEWLETT__69_KV_BK3 55828	42.74 1.98 -16.86	42.13 1.40 -23.60	41.39 1.33 -23.64	40.73 1.00 -27.58	40.82 1.46 -21.17	42.78 2.15 -14.08	52.17 3.02 -12.71	56.32 3.43 -13.03	46.26 2.94 -9.10	40.90 2.57 -10.06	30.52 2.37 -2.44	29.88 2.34 -3.19	28.49 2.22 -2.92	30.19 2.28 -4.17	33.40 2.37 -6.11	39.69 2.48 -9.71	61.85 2.98 -26.81	63.47 3.13 -26.37	49.73 2.94 -15.81	43.73 2.33 -17.35	41.32 1.74 -21.10	36.65 1.02 -24.72	35.48 0.61 -28.20	32.11 0.49 -26.03
HICKLING____1 23621	25.26 0.62 -0.75	20.14 0.45 -2.57	19.67 0.44 -2.80	16.63 0.32 -4.16	20.92 0.49 -2.24	27.59 1.04 0.00	37.84 0.77 -0.64	41.37 0.72 -0.79	35.45 1.23 0.00	29.43 1.16 0.00	26.87 1.16 0.00	25.31 0.95 0.00	24.29 0.93 0.00	24.59 0.85 0.00	25.81 0.90 0.00	28.52 1.02 0.00	32.62 0.19 -0.37	37.36 0.34 -3.04	34.01 0.25 -2.79	27.55 0.26 -3.23	23.32 0.22 -4.62	17.29 0.13 -6.26	13.65 0.09 -6.89	12.60 0.13 -6.88
HICKLING____2 23622	25.26 0.62 -0.75	20.14 0.45 -2.57	19.67 0.44 -2.80	16.63 0.32 -4.16	20.92 0.49 -2.24	27.59 1.04 0.00	37.84 0.77 -0.64	41.37 0.72 -0.79	35.45 1.23 0.00	29.43 1.16 0.00	26.87 1.16 0.00	25.31 0.95 0.00	24.29 0.93 0.00	24.59 0.85 0.00	25.81 0.90 0.00	28.52 1.02 0.00	32.62 0.19 -0.37	37.36 0.34 -3.04	34.01 0.25 -2.79	27.55 0.26 -3.23	23.32 0.22 -4.62	17.29 0.13 -6.26	13.65 0.09 -6.89	12.60 0.13 -6.88
HIGH FALLS____HY 23754	27.27 1.29 -2.08	25.17 0.87 -7.17	25.04 0.82 -7.79	24.37 0.62 -11.60	25.32 0.89 -6.23	27.80 1.25 0.00	40.01 1.79 -1.79	44.13 2.07 -2.19	35.99 1.78 0.00	29.77 1.50 0.00	27.03 1.31 0.00	25.68 1.32 0.00	24.36 1.00 0.00	24.78 1.04 0.00	25.96 1.05 0.00	28.66 1.16 0.00	34.72 1.63 -1.04	44.25 1.80 -8.47	40.41 1.67 -7.76	34.31 1.25 -9.01	32.37 1.02 -12.87	28.95 0.60 -17.45	26.20 0.35 -19.18	25.05 0.28 -19.18
HILLBURN____GT 23639	27.18 1.31 -1.97	24.83 0.92 -6.79	24.69 0.89 -7.38	23.80 0.67 -10.98	25.04 0.95 -5.90	27.93 1.38 0.00	40.14 2.00 -1.70	44.25 2.31 -2.07	36.20 1.98 0.00	30.02 1.75 0.00	27.31 1.59 0.00	25.92 1.56 0.00	24.83 1.47 0.00	25.28 1.54 0.00	26.51 1.60 0.00	29.18 1.68 0.00	35.15 2.11 -0.98	44.15 2.14 -8.03	40.44 2.11 -7.36	34.17 1.59 -8.54	31.84 1.17 -12.20	28.13 0.70 -16.53	25.25 0.41 -18.18	24.09 0.32 -18.17
HILLSIDE_115KV_TB1 80332	24.98 0.31 -0.77	20.01 0.22 -2.66	19.55 0.23 -2.90	16.62 0.16 -4.31	20.76 0.25 -2.32	27.19 0.64 0.00	37.28 0.18 -0.67	40.76 0.08 -0.81	34.90 0.68 0.00	29.01 0.74 0.00	26.49 0.77 0.00	24.97 0.61 0.00	23.98 0.63 0.00	24.28 0.55 0.00	25.46 0.55 0.00	28.11 0.61 0.00	32.18 -0.26 -0.39	36.92 -0.20 -3.15	33.70 -0.15 -2.88	27.35 -0.05 -3.35	23.26 0.00 -4.78	17.38 0.00 -6.48	13.81 0.01 -7.13	12.78 0.06 -7.13
HISHELDN_WT_PWR 323625	24.58 0.10 -0.59	19.22 0.07 -2.03	18.75 0.12 -2.21	15.53 0.09 -3.29	20.12 0.16 -1.77	26.89 0.34 0.00	36.47 -0.47 -0.51	39.73 -0.76 -0.62	34.39 0.17 0.00	28.70 0.42 0.00	26.26 0.54 0.00	24.70 0.34 0.00	23.77 0.42 0.00	24.00 0.26 0.00	25.14 0.22 0.00	27.78 0.28 0.00	31.16 -1.19 -0.29	35.19 -1.19 -2.40	32.09 -1.09 -2.20	25.86 -0.75 -2.55	21.72 -0.41 -3.65	15.59 -0.25 -4.95	11.99 -0.11 -5.44	11.03 0.00 -5.44
HOLTSVILLE_IC_1 23690	42.64 1.89 -16.86	42.06 1.34 -23.60	41.34 1.28 -23.64	40.68 0.95 -27.58	40.75 1.38 -21.17	42.70 2.07 -14.08	52.07 2.92 -12.71	56.21 3.31 -13.03	46.23 2.91 -9.11	40.79 2.46 -10.06	30.47 2.32 -2.44	29.81 2.27 -3.19	28.44 2.17 -2.92	30.16 2.26 -4.17	33.40 2.37 -6.11	39.72 2.50 -9.71	61.85 2.98 -26.82	63.89 3.53 -26.38	49.94 3.10 -15.86	43.85 2.40 -17.40	41.45 1.81 -21.16	36.76 1.08 -24.78	35.52 0.63 -28.22	32.14 0.51 -26.05

HOLTSVILLE_IC_10 23699	42.76 2.01 -16.86	42.14 1.42 -23.60	41.43 1.36 -23.64	40.74 1.01 -27.58	40.84 1.47 -21.17	42.86 2.23 -14.08	52.25 3.10 -12.71	56.41 3.51 -13.03	46.43 3.11 -9.11	40.93 2.60 -10.06	30.62 2.47 -2.44	29.93 2.39 -3.19	28.56 2.29 -2.92	30.28 2.37 -4.17	33.52 2.49 -6.11	39.88 2.67 -9.71	62.04 3.17 -26.82	64.20 3.84 -26.38	50.18 3.35 -15.86	44.02 2.57 -17.39	41.58 1.94 -21.16	36.82 1.14 -24.78	35.56 0.67 -28.22	32.18 0.54 -26.05
HOLTSVILLE_IC_2 23691	42.64 1.89 -16.86	42.06 1.34 -23.60	41.34 1.28 -23.64	40.68 0.95 -27.58	40.75 1.38 -21.17	42.70 2.07 -14.08	52.07 2.92 -12.71	56.21 3.31 -13.03	46.23 2.91 -9.11	40.79 2.46 -10.06	30.47 2.32 -2.44	29.81 2.27 -3.19	28.44 2.17 -2.92	30.16 2.26 -4.17	33.40 2.37 -6.11	39.72 2.50 -9.71	61.85 2.98 -26.82	63.89 3.53 -26.38	49.94 3.10 -15.86	43.85 2.40 -17.40	41.45 1.81 -21.16	36.76 1.08 -24.78	35.52 0.63 -28.22	32.14 0.51 -26.05
HOLTSVILLE_IC_3 23692	42.64 1.89 -16.86	42.06 1.34 -23.60	41.34 1.28 -23.64	40.68 0.95 -27.58	40.75 1.38 -21.17	42.70 2.07 -14.08	52.07 2.92 -12.71	56.21 3.31 -13.03	46.23 2.91 -9.11	40.79 2.46 -10.06	30.47 2.32 -2.44	29.81 2.27 -3.19	28.44 2.17 -2.92	30.16 2.26 -4.17	33.40 2.37 -6.11	39.72 2.50 -9.71	61.85 2.98 -26.82	63.89 3.53 -26.38	49.94 3.10 -15.86	43.85 2.40 -17.40	41.45 1.81 -21.16	36.76 1.08 -24.78	35.52 0.63 -28.22	32.14 0.51 -26.05
HOLTSVILLE_IC_4 23693	42.64 1.89 -16.86	42.06 1.34 -23.60	41.34 1.28 -23.64	40.68 0.95 -27.58	40.75 1.38 -21.17	42.70 2.07 -14.08	52.07 2.92 -12.71	56.21 3.31 -13.03	46.23 2.91 -9.11	40.79 2.46 -10.06	30.47 2.32 -2.44	29.81 2.27 -3.19	28.44 2.17 -2.92	30.16 2.26 -4.17	33.40 2.37 -6.11	39.72 2.50 -9.71	61.85 2.98 -26.82	63.89 3.53 -26.38	49.94 3.10 -15.86	43.85 2.40 -17.40	41.45 1.81 -21.16	36.76 1.08 -24.78	35.52 0.63 -28.22	32.14 0.51 -26.05
HOLTSVILLE_IC_5 23694	42.64 1.89 -16.86	42.06 1.34 -23.60	41.34 1.28 -23.64	40.68 0.95 -27.58	40.75 1.38 -21.17	42.70 2.07 -14.08	52.07 2.92 -12.71	56.21 3.31 -13.03	46.23 2.91 -9.11	40.79 2.46 -10.06	30.47 2.32 -2.44	29.81 2.27 -3.19	28.44 2.17 -2.92	30.16 2.26 -4.17	33.40 2.37 -6.11	39.72 2.50 -9.71	61.85 2.98 -26.82	63.89 3.53 -26.38	49.94 3.10 -15.86	43.85 2.40 -17.40	41.45 1.81 -21.16	36.76 1.08 -24.78	35.52 0.63 -28.22	32.14 0.51 -26.05
HOLTSVILLE_IC_6 23695	42.76 2.01 -16.86	42.14 1.42 -23.60	41.43 1.36 -23.64	40.74 1.01 -27.58	40.84 1.47 -21.17	42.86 2.23 -14.08	52.25 3.10 -12.71	56.41 3.51 -13.03	46.43 3.11 -9.11	40.93 2.60 -10.06	30.62 2.47 -2.44	29.93 2.39 -3.19	28.56 2.29 -2.92	30.28 2.37 -4.17	33.52 2.49 -6.11	39.88 2.67 -9.71	62.04 3.17 -26.82	64.20 3.84 -26.38	50.18 3.35 -15.86	44.02 2.57 -17.39	41.58 1.94 -21.16	36.82 1.14 -24.78	35.56 0.67 -28.22	32.18 0.54 -26.05
HOLTSVILLE_IC_7 23696	42.76 2.01 -16.86	42.14 1.42 -23.60	41.43 1.36 -23.64	40.74 1.01 -27.58	40.84 1.47 -21.17	42.86 2.23 -14.08	52.25 3.10 -12.71	56.41 3.51 -13.03	46.43 3.11 -9.11	40.93 2.60 -10.06	30.62 2.47 -2.44	29.93 2.39 -3.19	28.56 2.29 -2.92	30.28 2.37 -4.17	33.52 2.49 -6.11	39.88 2.67 -9.71	62.04 3.17 -26.82	64.20 3.84 -26.38	50.18 3.35 -15.86	44.02 2.57 -17.39	41.58 1.94 -21.16	36.82 1.14 -24.78	35.56 0.67 -28.22	32.18 0.54 -26.05
HOLTSVILLE_IC_8 23697	42.76 2.01 -16.86	42.14 1.42 -23.60	41.43 1.36 -23.64	40.74 1.01 -27.58	40.84 1.47 -21.17	42.86 2.23 -14.08	52.25 3.10 -12.71	56.41 3.51 -13.03	46.43 3.11 -9.11	40.93 2.60 -10.06	30.62 2.47 -2.44	29.93 2.39 -3.19	28.56 2.29 -2.92	30.28 2.37 -4.17	33.52 2.49 -6.11	39.88 2.67 -9.71	62.04 3.17 -26.82	64.20 3.84 -26.38	50.18 3.35 -15.86	44.02 2.57 -17.39	41.58 1.94 -21.16	36.82 1.14 -24.78	35.56 0.67 -28.22	32.18 0.54 -26.05
HOLTSVILLE_IC_9 23698	42.76 2.01 -16.86	42.14 1.42 -23.60	41.43 1.36 -23.64	40.74 1.01 -27.58	40.84 1.47 -21.17	42.86 2.23 -14.08	52.25 3.10 -12.71	56.41 3.51 -13.03	46.43 3.11 -9.11	40.93 2.60 -10.06	30.62 2.47 -2.44	29.93 2.39 -3.19	28.56 2.29 -2.92	30.28 2.37 -4.17	33.52 2.49 -6.11	39.88 2.67 -9.71	62.04 3.17 -26.82	64.20 3.84 -26.38	50.18 3.35 -15.86	44.02 2.57 -17.39	41.58 1.94 -21.16	36.82 1.14 -24.78	35.56 0.67 -28.22	32.18 0.54 -26.05
HOMER_HL_115KV_TB2 355744	24.56 0.07 -0.59	19.19 0.03 -2.03	18.70 0.07 -2.20	15.47 0.04 -3.28	20.03 0.07 -1.76	27.56 1.01 0.00	36.51 -0.44 -0.51	39.89 -0.60 -0.62	35.27 1.06 0.00	29.43 1.16 0.00	26.97 1.26 0.00	25.36 1.00 0.00	24.38 1.03 0.00	24.59 0.85 0.00	25.79 0.87 0.00	28.47 0.96 0.00	31.26 -1.09 -0.29	35.39 -0.99 -2.40	32.27 -0.90 -2.20	26.00 -0.60 -2.55	21.75 -0.37 -3.64	15.62 -0.22 -4.94	11.98 -0.11 -5.42	11.01 -0.01 -5.42
HOWARD_WT_PWR 323690	25.00 0.45 -0.65	19.73 0.36 -2.25	19.28 0.41 -2.45	16.11 0.32 -3.64	20.68 0.53 -1.96	27.64 1.09 0.00	37.80 0.80 -0.56	41.31 0.76 -0.69	35.62 1.40 0.00	29.60 1.33 0.00	27.03 1.31 0.00	25.41 1.05 0.00	24.43 1.07 0.00	24.66 0.92 0.00	25.86 0.95 0.00	28.61 1.10 0.00	32.44 0.06 -0.33	36.71 0.07 -2.66	33.35 -0.06 -2.44	26.93 0.05 -2.83	22.54 0.02 -4.04	16.36 -0.02 -5.48	12.68 -0.01 -6.03	11.67 0.06 -6.03
HQ_GEN_CEDARS 23644	1.98 -3.35 18.57	1.75 -2.48 12.89	1.80 -2.46 12.16	10.82 -1.82 -0.49	12.27 -3.02 2.90	22.33 -4.22 0.00	32.29 -4.23 -0.08	35.69 -4.27 -0.09	30.38 -3.83 0.00	24.88 -3.39 0.00	22.76 -2.96 0.00	21.73 -2.63 0.00	20.76 -2.59 0.00	20.58 -3.16 0.00	21.80 -3.11 0.00	24.26 -3.25 0.00	28.92 -3.17 -0.04	30.86 -3.47 -0.35	28.14 -3.16 -0.32	21.18 -3.25 -0.37	3.18 -2.38 12.91	1.47 -1.45 7.98	0.96 -0.87 4.85	0.56 -0.74 4.29
HQ_GEN_CEDARS_PROXY 323590	2.00 -3.32 18.57	1.75 -2.48 12.89	1.80 -2.46 12.16	10.82 -1.82 -0.49	12.27 -3.02 2.90	22.33 -4.22 0.00	32.29 -4.23 -0.08	35.69 -4.26 -0.09	30.38 -3.83 0.00	24.88 -3.39 0.00	22.71 -3.01 0.00	21.73 -2.63 0.00	20.76 -2.59 0.00	20.58 -3.16 0.00	21.80 -3.12 0.00	24.26 -3.25 0.00	28.92 -3.17 -0.04	30.86 -3.47 -0.35	28.14 -3.16 -0.32	21.20 -3.22 -0.37	3.20 -2.38 12.90	1.47 -1.45 7.98	0.96 -0.87 4.84	0.56 -0.74 4.28
HQ_GEN_IMPORT 323601	-0.04 -3.63 20.30	0.27 -2.70 14.15	0.43 -2.64 13.35	10.63 -1.94 -0.42	11.80 -3.17 3.23	22.09 -4.46 0.00	31.84 -4.66 -0.07	35.20 -4.74 -0.08	29.97 -4.24 0.00	24.60 -3.67 0.00	22.42 -3.29 0.00	21.46 -2.90 0.00	20.50 -2.85 0.00	20.49 -3.25 0.00	21.68 -3.24 0.00	24.09 -3.41 0.00	28.72 -3.36 -0.04	30.61 -3.67 -0.31	27.88 -3.38 -0.28	21.01 -3.37 -0.33	1.98 -2.51 13.99	0.64 -1.54 8.72	0.38 -0.93 5.36	0.04 -0.79 4.77
HQ_GEN_WHEEL 23651	-0.04 -3.63 20.30	0.27 -2.70 14.15	0.43 -2.64 13.35	10.63 -1.94 -0.42	11.80 -3.17 3.23	22.09 -4.46 0.00	31.84 -4.66 -0.07	35.20 -4.74 -0.08	29.97 -4.24 0.00	24.60 -3.67 0.00	22.42 -3.29 0.00	21.46 -2.90 0.00	20.50 -2.85 0.00	20.49 -3.25 0.00	21.68 -3.24 0.00	24.09 -3.41 0.00	28.72 -3.36 -0.04	30.61 -3.67 -0.31	27.88 -3.38 -0.28	21.01 -3.37 -0.33	1.98 -2.51 13.99	0.64 -1.54 8.72	0.38 -0.93 5.36	0.04 -0.79 4.77

HUDSON AVE_GT_3 23810	27.43 1.48 -2.06	25.24 1.04 -7.07	25.10 0.99 -7.69	24.36 0.77 -11.44	25.42 1.07 -6.15	28.09 1.54 0.00	40.46 2.26 -1.77	44.66 2.63 -2.16	36.47 2.26 0.00	30.36 2.09 0.00	27.59 1.88 0.00	26.24 1.88 0.00	25.13 1.77 0.00	25.59 1.85 0.00	26.83 1.92 0.00	29.49 1.98 0.00	35.51 2.44 -1.03	44.81 2.48 -8.36	41.05 2.42 -7.66	34.79 1.85 -8.88	32.53 1.35 -12.69	28.90 0.80 -17.21	26.07 0.48 -18.92	24.89 0.39 -18.92
HUDSON AVE_GT_4 23540	27.43 1.48 -2.06	25.24 1.04 -7.07	25.10 0.99 -7.69	24.36 0.77 -11.44	25.42 1.07 -6.15	28.09 1.54 0.00	40.46 2.26 -1.77	44.66 2.63 -2.16	36.47 2.26 0.00	30.36 2.09 0.00	27.59 1.88 0.00	26.24 1.88 0.00	25.13 1.77 0.00	25.59 1.85 0.00	26.83 1.92 0.00	29.49 1.98 0.00	35.51 2.44 -1.03	44.81 2.48 -8.36	41.05 2.42 -7.66	34.79 1.85 -8.88	32.53 1.35 -12.69	28.90 0.80 -17.21	26.07 0.48 -18.92	24.89 0.39 -18.92
HUDSON AVE_GT_5 23657	27.43 1.48 -2.06	25.24 1.04 -7.07	25.10 0.99 -7.69	24.36 0.77 -11.44	25.42 1.07 -6.15	28.09 1.54 0.00	40.46 2.26 -1.77	44.66 2.63 -2.16	36.47 2.26 0.00	30.36 2.09 0.00	27.59 1.88 0.00	26.24 1.88 0.00	25.13 1.77 0.00	25.59 1.85 0.00	26.83 1.92 0.00	29.49 1.98 0.00	35.51 2.44 -1.03	44.81 2.48 -8.36	41.05 2.42 -7.66	34.79 1.85 -8.88	32.53 1.35 -12.69	28.90 0.80 -17.21	26.07 0.48 -18.92	24.89 0.39 -18.92
HUDSON_AVE_10 24168	27.36 1.41 -2.06	25.21 1.01 -7.07	25.06 0.95 -7.69	24.32 0.73 -11.44	25.38 1.04 -6.15	28.04 1.49 0.00	40.39 2.19 -1.77	44.58 2.55 -2.16	36.44 2.22 0.00	30.31 2.04 0.00	27.57 1.85 0.00	26.21 1.85 0.00	25.10 1.75 0.00	25.56 1.83 0.00	26.81 1.89 0.00	29.43 1.93 0.00	35.48 2.40 -1.03	44.78 2.45 -8.36	41.02 2.39 -7.66	34.76 1.83 -8.88	32.51 1.33 -12.69	28.89 0.78 -17.21	26.06 0.47 -18.92	24.88 0.37 -18.92
HUDSON___115KV_TB 4 355613	27.41 1.10 -2.42	26.24 0.79 -8.33	26.25 0.77 -9.05	26.17 0.55 -13.47	26.32 0.89 -7.24	27.88 1.33 0.00	40.48 1.97 -2.08	44.40 1.99 -2.54	35.72 1.51 0.00	29.23 0.96 0.00	26.38 0.67 0.00	24.94 0.58 0.00	23.94 0.58 0.00	24.40 0.66 0.00	25.69 0.77 0.00	28.47 0.96 0.00	34.67 1.41 -1.21	45.58 1.77 -9.84	41.54 1.55 -9.01	35.64 1.13 -10.46	34.18 0.76 -14.94	31.59 0.44 -20.26	29.19 0.25 -22.27	28.05 0.19 -22.27
HUNTER MOUNT___DRP 323613	27.46 1.19 -2.37	26.12 0.86 -8.14	26.11 0.84 -8.85	25.91 0.58 -13.17	26.24 0.96 -7.08	27.98 1.43 0.00	40.58 2.11 -2.03	44.47 2.11 -2.49	35.82 1.61 0.00	29.20 0.93 0.00	26.33 0.62 0.00	24.87 0.51 0.00	23.87 0.51 0.00	24.31 0.57 0.00	25.61 0.70 0.00	28.41 0.91 0.00	34.64 1.41 -1.18	45.50 1.90 -9.62	41.40 1.61 -8.81	35.43 1.15 -10.23	33.84 0.74 -14.61	31.14 0.43 -19.81	28.69 0.24 -21.78	27.54 0.18 -21.78
HUNTINGTON_RES_REC 323705	42.52 1.77 -16.86	41.99 1.27 -23.60	41.28 1.22 -23.64	40.67 0.94 -27.58	40.71 1.35 -21.17	42.57 1.94 -14.08	51.89 2.73 -12.71	56.01 3.11 -13.03	46.02 2.70 -9.11	40.76 2.43 -10.06	30.29 2.13 -2.44	29.64 2.10 -3.19	28.28 2.01 -2.92	30.00 2.09 -4.17	33.22 2.19 -6.11	39.55 2.34 -9.71	61.69 2.82 -26.82	63.69 3.33 -26.38	49.69 2.91 -15.80	43.65 2.26 -17.34	41.26 1.68 -21.10	36.64 1.01 -24.72	35.49 0.60 -28.22	32.13 0.49 -26.05
HUNTLEY___63 23557	24.56 0.12 -0.55	19.10 0.10 -1.88	18.61 0.15 -2.04	15.27 0.09 -3.03	19.99 0.16 -1.63	26.66 0.11 0.00	36.14 -0.77 -0.47	39.28 -1.16 -0.57	34.01 -0.21 0.00	28.38 0.11 0.00	26.02 0.31 0.00	24.46 0.10 0.00	23.56 0.21 0.00	23.74 0.00 0.00	24.89 -0.02 0.00	27.51 0.00 0.00	30.75 -1.57 -0.27	34.70 -1.49 -2.22	31.64 -1.36 -2.03	25.54 -0.87 -2.36	21.35 -0.50 -3.37	15.20 -0.26 -4.56	11.56 -0.11 -5.01	10.63 0.02 -5.02
HUNTLEY___64 23558	24.56 0.12 -0.55	19.10 0.10 -1.88	18.61 0.15 -2.04	15.27 0.09 -3.03	19.99 0.16 -1.63	26.66 0.11 0.00	36.14 -0.77 -0.47	39.28 -1.16 -0.57	34.01 -0.21 0.00	28.38 0.11 0.00	26.02 0.31 0.00	24.46 0.10 0.00	23.56 0.21 0.00	23.74 0.00 0.00	24.89 -0.02 0.00	27.51 0.00 0.00	30.75 -1.57 -0.27	34.70 -1.49 -2.22	31.64 -1.36 -2.03	25.54 -0.87 -2.36	21.35 -0.50 -3.37	15.20 -0.26 -4.56	11.56 -0.11 -5.01	10.63 0.02 -5.02
HUNTLEY___65 23559	24.56 0.12 -0.55	19.10 0.10 -1.88	18.61 0.15 -2.04	15.27 0.09 -3.03	19.99 0.16 -1.63	26.66 0.11 0.00	36.14 -0.77 -0.47	39.28 -1.16 -0.57	34.01 -0.21 0.00	28.38 0.11 0.00	26.02 0.31 0.00	24.46 0.10 0.00	23.56 0.21 0.00	23.74 0.00 0.00	24.89 -0.02 0.00	27.51 0.00 0.00	30.75 -1.57 -0.27	34.70 -1.49 -2.22	31.64 -1.36 -2.03	25.54 -0.87 -2.36	21.35 -0.50 -3.37	15.20 -0.26 -4.56	11.56 -0.11 -5.01	10.63 0.02 -5.02
HUNTLEY___66 23560	24.56 0.12 -0.55	19.10 0.10 -1.88	18.61 0.15 -2.04	15.27 0.09 -3.03	19.99 0.16 -1.63	26.66 0.11 0.00	36.14 -0.77 -0.47	39.28 -1.16 -0.57	34.01 -0.21 0.00	28.38 0.11 0.00	26.02 0.31 0.00	24.46 0.10 0.00	23.56 0.21 0.00	23.74 0.00 0.00	24.89 -0.02 0.00	27.51 0.00 0.00	30.75 -1.57 -0.27	34.70 -1.49 -2.22	31.64 -1.36 -2.03	25.54 -0.87 -2.36	21.35 -0.50 -3.37	15.20 -0.26 -4.56	11.56 -0.11 -5.01	10.63 0.02 -5.02
HUNTLEY___67 23561	24.44 0.00 -0.55	18.99 -0.02 -1.89	18.51 0.03 -2.05	15.21 0.00 -3.05	19.87 0.04 -1.64	26.52 -0.03 0.00	35.92 -0.98 -0.47	39.01 -1.44 -0.58	33.80 -0.41 0.00	28.24 -0.03 0.00	25.87 0.15 0.00	24.34 -0.02 0.00	23.45 0.09 0.00	23.64 -0.09 0.00	24.74 -0.17 0.00	27.34 -0.17 0.00	30.56 -1.76 -0.27	34.47 -1.73 -2.23	31.47 -1.55 -2.04	25.44 -0.99 -2.37	21.28 -0.59 -3.39	15.18 -0.32 -4.59	11.58 -0.14 -5.05	10.63 -0.01 -5.05
HUNTLEY___68 23562	24.44 0.00 -0.55	18.99 -0.02 -1.89	18.51 0.03 -2.05	15.21 0.00 -3.05	19.87 0.04 -1.64	26.52 -0.03 0.00	35.92 -0.98 -0.47	39.01 -1.44 -0.58	33.80 -0.41 0.00	28.24 -0.03 0.00	25.87 0.15 0.00	24.34 -0.02 0.00	23.45 0.09 0.00	23.64 -0.09 0.00	24.74 -0.17 0.00	27.34 -0.17 0.00	30.56 -1.76 -0.27	34.47 -1.73 -2.23	31.47 -1.55 -2.04	25.44 -0.99 -2.37	21.28 -0.59 -3.39	15.18 -0.32 -4.59	11.58 -0.14 -5.05	10.63 -0.01 -5.05
HYLAND___LFGE 323620	25.48 1.00 -0.58	19.82 0.70 -1.99	19.31 0.72 -2.17	15.90 0.52 -3.23	20.78 0.86 -1.73	27.85 1.30 0.00	38.46 1.53 -0.50	41.99 1.51 -0.61	35.72 1.50 0.00	29.40 1.13 0.00	26.67 0.95 0.00	24.97 0.61 0.00	23.96 0.61 0.00	24.19 0.45 0.00	25.37 0.45 0.00	28.19 0.69 0.00	32.50 0.16 -0.29	37.22 0.88 -2.36	33.82 0.68 -2.16	27.11 0.55 -2.51	22.58 0.52 -3.58	15.98 0.23 -4.85	12.15 0.14 -5.34	11.10 0.18 -5.34
INDECK___CORINTH 23802	28.06 1.60 -2.56	27.08 1.15 -8.81	27.11 1.12 -9.57	27.22 0.83 -14.24	27.10 1.25 -7.65	28.59 2.04 0.00	41.73 3.10 -2.20	45.67 3.11 -2.69	36.71 2.50 0.00	30.05 1.78 0.00	27.13 1.41 0.00	25.53 1.17 0.00	24.52 1.17 0.00	24.95 1.21 0.00	26.29 1.37 0.00	28.96 1.46 0.00	35.09 1.76 -1.28	46.53 2.11 -10.45	42.37 1.83 -9.57	36.48 1.32 -11.10	35.31 0.96 -15.87	32.95 0.54 -21.51	30.72 0.40 -23.65	29.58 0.35 -23.64

INDECK___ILION 23567	24.29 0.33 -0.06	17.60 0.26 -0.22	16.91 0.25 -0.24	12.69 0.18 -0.35	18.68 0.29 -0.19	27.00 0.45 0.00	37.26 0.77 -0.05	40.81 0.88 -0.07	34.93 0.72 0.00	28.84 0.57 0.00	26.23 0.51 0.00	24.85 0.49 0.00	23.77 0.42 0.00	24.14 0.40 0.00	25.34 0.42 0.00	28.03 0.52 0.00	32.72 0.64 -0.03	34.78 0.54 -0.26	31.77 0.56 -0.24	24.69 0.36 -0.28	19.12 0.24 -0.39	11.60 0.16 -0.53	7.36 0.10 -0.59	6.25 0.07 -0.59
INDECK___OLEAN 23982	24.56 0.07 -0.59	19.17 0.02 -2.03	18.70 0.07 -2.20	15.47 0.04 -3.28	20.03 0.07 -1.76	27.56 1.01 0.00	36.51 -0.44 -0.51	39.89 -0.60 -0.62	35.28 1.06 0.00	29.46 1.19 0.00	26.97 1.26 0.00	25.36 1.00 0.00	24.38 1.03 0.00	24.59 0.85 0.00	25.79 0.87 0.00	28.47 0.96 0.00	31.26 -1.09 -0.29	35.36 -1.02 -2.40	32.27 -0.90 -2.20	25.95 -0.65 -2.55	21.76 -0.37 -3.64	15.61 -0.23 -4.94	11.98 -0.11 -5.43	11.01 -0.01 -5.43
INDECK___OSWEGO 23783	23.37 -0.29 0.24	17.73 -0.20 -0.81	17.17 -0.20 -0.94	14.01 -0.15 -2.00	18.95 -0.22 -0.97	26.18 -0.37 0.00	36.13 -0.62 -0.31	39.53 -0.72 -0.38	33.63 -0.58 0.00	27.79 -0.48 0.00	25.33 -0.39 0.00	23.95 -0.41 0.00	22.96 -0.40 0.00	23.33 -0.40 0.00	24.47 -0.45 0.00	27.04 -0.47 0.00	31.56 -0.67 -0.18	34.76 -0.68 -1.46	31.73 -0.59 -1.34	25.25 -0.36 -1.56	20.03 -0.24 -1.79	13.49 -0.14 -2.73	9.71 -0.09 -3.13	8.67 -0.07 -3.15
INDECK___YERKES 23781	24.58 0.14 -0.55	19.12 0.12 -1.88	18.63 0.16 -2.04	15.30 0.11 -3.03	20.01 0.18 -1.63	26.68 0.13 0.00	36.18 -0.73 -0.47	39.32 -1.12 -0.57	34.04 -0.17 0.00	28.44 0.17 0.00	26.05 0.33 0.00	24.48 0.12 0.00	23.59 0.23 0.00	23.78 0.05 0.00	24.89 -0.02 0.00	27.51 0.00 0.00	30.79 -1.54 -0.27	34.66 -1.53 -2.22	31.68 -1.33 -2.03	25.47 -0.94 -2.36	21.39 -0.46 -3.37	15.19 -0.27 -4.57	11.57 -0.11 -5.01	10.64 0.03 -5.02
INDIAN POINT_GT_1 24139	27.23 1.29 -2.04	25.05 0.91 -7.02	24.92 0.87 -7.63	24.16 0.66 -11.35	25.22 0.93 -6.10	27.93 1.38 0.00	40.16 1.97 -1.75	44.32 2.31 -2.14	36.20 1.98 0.00	30.02 1.75 0.00	27.28 1.57 0.00	25.92 1.56 0.00	24.82 1.47 0.00	25.28 1.54 0.00	26.49 1.57 0.00	29.16 1.65 0.00	35.15 2.08 -1.02	44.48 2.21 -8.29	40.65 2.08 -7.60	34.43 1.56 -8.82	32.23 1.15 -12.60	28.65 0.68 -17.08	25.84 0.40 -18.77	24.68 0.32 -18.77
INDIAN POINT_GT_2 23659	27.23 1.29 -2.04	25.05 0.91 -7.02	24.92 0.87 -7.63	24.16 0.66 -11.35	25.22 0.93 -6.10	27.93 1.38 0.00	40.16 1.97 -1.75	44.32 2.31 -2.14	36.20 1.98 0.00	30.02 1.75 0.00	27.28 1.57 0.00	25.92 1.56 0.00	24.82 1.47 0.00	25.28 1.54 0.00	26.49 1.57 0.00	29.16 1.65 0.00	35.15 2.08 -1.02	44.48 2.21 -8.29	40.65 2.08 -7.60	34.43 1.56 -8.82	32.23 1.15 -12.60	28.65 0.68 -17.08	25.84 0.40 -18.77	24.68 0.32 -18.77
INDIAN POINT_GT_3 24019	27.23 1.29 -2.04	25.05 0.91 -7.02	24.92 0.87 -7.63	24.16 0.66 -11.35	25.22 0.93 -6.10	27.93 1.38 0.00	40.16 1.97 -1.75	44.32 2.31 -2.14	36.20 1.98 0.00	30.02 1.75 0.00	27.28 1.57 0.00	25.92 1.56 0.00	24.82 1.47 0.00	25.28 1.54 0.00	26.49 1.57 0.00	29.16 1.65 0.00	35.15 2.08 -1.02	44.48 2.21 -8.29	40.65 2.08 -7.60	34.43 1.56 -8.82	32.23 1.15 -12.60	28.65 0.68 -17.08	25.84 0.40 -18.77	24.68 0.32 -18.77
INDIAN POINT___2 23530	27.20 1.29 -2.02	24.95 0.89 -6.93	24.81 0.85 -7.53	24.02 0.66 -11.21	25.15 0.93 -6.03	27.90 1.35 0.00	40.10 1.93 -1.73	44.25 2.27 -2.12	36.16 1.95 0.00	30.00 1.72 0.00	27.28 1.57 0.00	25.90 1.54 0.00	24.83 1.47 0.00	25.26 1.52 0.00	26.49 1.57 0.00	29.16 1.65 0.00	35.11 2.05 -1.01	44.35 2.18 -8.20	40.53 2.04 -7.51	34.33 1.56 -8.72	32.06 1.13 -12.45	28.47 0.69 -16.89	25.63 0.39 -18.56	24.47 0.32 -18.56
INDIAN POINT___3 23531	27.20 1.27 -2.04	25.04 0.89 -7.02	24.91 0.85 -7.63	24.16 0.64 -11.36	25.21 0.91 -6.10	27.90 1.35 0.00	40.12 1.93 -1.76	44.24 2.23 -2.15	36.13 1.92 0.00	29.97 1.70 0.00	27.23 1.52 0.00	25.87 1.51 0.00	24.80 1.45 0.00	25.26 1.52 0.00	26.46 1.54 0.00	29.13 1.62 0.00	35.12 2.05 -1.02	44.42 2.14 -8.30	40.59 2.01 -7.60	34.41 1.54 -8.82	32.22 1.13 -12.61	28.65 0.66 -17.09	25.85 0.39 -18.79	24.69 0.31 -18.78
INGHAM_C_115KV_TB7 356103	24.87 0.91 -0.06	17.99 0.65 -0.22	17.30 0.64 -0.24	12.98 0.47 -0.35	19.13 0.75 -0.19	27.72 1.17 0.00	38.24 1.75 -0.05	41.89 1.95 -0.07	35.86 1.64 0.00	29.60 1.33 0.00	26.95 1.23 0.00	25.50 1.14 0.00	24.33 0.98 0.00	24.73 1.00 0.00	25.96 1.05 0.00	28.72 1.21 0.00	33.49 1.41 -0.03	35.46 1.22 -0.26	32.45 1.24 -0.24	25.19 0.87 -0.28	19.50 0.63 -0.39	11.85 0.41 -0.53	7.51 0.25 -0.59	6.38 0.21 -0.59
IP CORINTH___1 23988	28.06 1.60 -2.56	27.08 1.15 -8.81	27.11 1.12 -9.57	27.22 0.83 -14.24	27.10 1.26 -7.65	28.59 2.04 0.00	41.73 3.10 -2.20	45.67 3.11 -2.69	36.71 2.50 0.00	30.05 1.78 0.00	27.13 1.41 0.00	25.53 1.17 0.00	24.52 1.17 0.00	24.95 1.21 0.00	26.29 1.37 0.00	28.96 1.46 0.00	35.09 1.76 -1.28	46.49 2.11 -10.41	42.34 1.83 -9.53	36.44 1.32 -11.06	35.25 0.96 -15.81	32.87 0.54 -21.43	30.63 0.40 -23.56	29.49 0.35 -23.55
IP___TICONDEROGA 23804	29.22 2.77 -2.56	27.90 1.99 -8.80	27.90 1.92 -9.56	27.81 1.43 -14.23	28.00 2.17 -7.64	30.05 3.50 0.00	43.95 5.32 -2.20	48.01 5.46 -2.69	38.70 4.48 0.00	31.44 3.17 0.00	28.31 2.60 0.00	26.50 2.14 0.00	25.52 2.17 0.00	25.90 2.16 0.00	27.38 2.47 0.00	30.50 3.00 0.00	36.85 3.53 -1.27	48.45 4.08 -10.39	44.15 3.66 -9.52	37.77 2.67 -11.05	36.26 2.00 -15.78	33.43 1.13 -21.40	30.91 0.71 -23.53	29.70 0.59 -23.52
ISLIP_RES_REC 323679	42.88 2.13 -16.86	42.23 1.51 -23.60	41.49 1.43 -23.64	40.79 1.06 -27.58	40.93 1.56 -21.17	42.99 2.36 -14.08	52.47 3.32 -12.71	56.64 3.75 -13.03	46.60 3.28 -9.11	41.07 2.74 -10.06	30.75 2.60 -2.44	30.05 2.51 -3.19	28.68 2.41 -2.92	30.40 2.49 -4.17	33.67 2.64 -6.11	40.05 2.83 -9.71	62.23 3.36 -26.82	64.43 4.08 -26.38	50.36 3.53 -15.86	44.18 2.74 -17.39	41.67 2.03 -21.15	36.87 1.20 -24.78	35.60 0.71 -28.22	32.20 0.56 -26.05
JAMAICA__27_KV_LOAD 355505	27.50 1.55 -2.06	25.29 1.10 -7.07	25.13 1.02 -7.69	24.37 0.78 -11.44	25.45 1.11 -6.15	28.17 1.62 0.00	40.65 2.44 -1.77	44.90 2.87 -2.16	36.71 2.50 0.00	30.56 2.29 0.00	27.77 2.06 0.00	26.41 2.05 0.00	25.29 1.94 0.00	25.73 1.99 0.00	27.01 2.09 0.00	29.65 2.15 0.00	35.77 2.69 -1.03	45.12 2.79 -8.36	41.30 2.66 -7.66	34.98 2.04 -8.88	32.66 1.48 -12.69	28.98 0.87 -17.21	26.10 0.51 -18.92	24.91 0.41 -18.92
JANIS___SOLAR 323808	25.98 1.31 -0.77	20.75 0.98 -2.65	20.24 0.94 -2.88	17.13 0.68 -4.29	21.59 1.09 -2.31	28.33 1.78 0.00	39.69 2.59 -0.66	43.51 2.83 -0.81	36.47 2.26 0.00	29.94 1.67 0.00	27.18 1.46 0.00	25.58 1.22 0.00	24.43 1.07 0.00	24.81 1.07 0.00	26.11 1.20 0.00	29.16 1.65 0.00	34.26 1.83 -0.38	39.15 2.04 -3.14	35.77 1.92 -2.87	28.88 1.49 -3.34	24.30 1.05 -4.77	17.97 0.61 -6.46	14.12 0.35 -7.10	12.98 0.28 -7.10

JARVIS____ 23743	23.84 -0.12 -0.06	17.26 -0.09 -0.22	16.58 -0.08 -0.24	12.45 -0.06 -0.35	18.29 -0.09 -0.19	26.44 -0.11 0.00	36.45 -0.04 -0.05	39.89 -0.04 -0.07	34.15 -0.07 0.00	28.21 -0.06 0.00	25.66 -0.05 0.00	24.31 -0.05 0.00	23.28 -0.07 0.00	23.67 -0.07 0.00	24.84 -0.07 0.00	27.45 -0.05 0.00	32.08 0.00 -0.03	34.20 -0.03 -0.26	31.15 -0.06 -0.24	24.23 -0.10 -0.28	18.80 -0.07 -0.39	11.39 -0.04 -0.53	7.23 -0.03 -0.59	6.15 -0.03 -0.59
JENNISON____1 23625	26.31 1.48 -0.93	21.40 1.08 -3.20	20.94 1.03 -3.48	18.10 0.77 -5.18	22.18 1.20 -2.78	28.51 1.96 0.00	40.08 2.84 -0.80	43.99 3.15 -0.98	36.78 2.57 0.00	30.28 2.01 0.00	27.59 1.88 0.00	25.99 1.63 0.00	24.80 1.45 0.00	25.18 1.45 0.00	26.49 1.57 0.00	29.54 2.04 0.00	34.73 2.21 -0.46	40.14 2.38 -3.78	36.61 2.17 -3.47	29.71 1.64 -4.02	25.39 1.16 -5.75	19.39 0.70 -7.79	15.63 0.40 -8.57	14.47 0.32 -8.56
JENNISON____2 23626	26.31 1.48 -0.93	21.40 1.08 -3.20	20.94 1.03 -3.48	18.10 0.77 -5.18	22.18 1.20 -2.78	28.51 1.96 0.00	40.08 2.84 -0.80	43.99 3.15 -0.98	36.78 2.57 0.00	30.28 2.01 0.00	27.59 1.88 0.00	25.99 1.63 0.00	24.80 1.45 0.00	25.18 1.45 0.00	26.49 1.57 0.00	29.54 2.04 0.00	34.73 2.21 -0.46	40.14 2.38 -3.78	36.61 2.17 -3.47	29.71 1.64 -4.02	25.39 1.16 -5.75	19.39 0.70 -7.79	15.63 0.40 -8.57	14.47 0.32 -8.56
JERICHO_RISE_WT_PWR 323719	0.27 -4.30 19.33	0.60 -3.08 13.44	0.81 -2.94 12.68	10.50 -2.12 -0.46	11.71 -3.44 3.04	21.80 -4.75 0.00	31.74 -4.77 -0.07	35.25 -4.70 -0.09	30.11 -4.11 0.00	24.71 -3.56 0.00	22.60 -3.11 0.00	21.65 -2.70 0.00	20.71 -2.64 0.00	20.60 -3.13 0.00	21.85 -3.07 0.00	24.34 -3.16 0.00	29.02 -3.08 -0.04	31.02 -3.30 -0.34	28.09 -3.19 -0.31	21.04 -3.37 -0.36	2.46 -2.57 13.45	0.95 -1.60 8.35	0.58 -0.99 5.10	0.20 -0.87 4.52
KATONAH____115KV_46KV_TB4 355592	27.37 1.39 -2.09	25.26 0.96 -7.18	25.14 0.92 -7.80	24.47 0.70 -11.61	25.41 0.98 -6.24	28.04 1.49 0.00	40.34 2.11 -1.79	44.53 2.47 -2.19	36.40 2.19 0.00	30.16 1.89 0.00	27.39 1.67 0.00	25.99 1.63 0.00	24.82 1.47 0.00	25.28 1.54 0.00	26.49 1.57 0.00	29.18 1.68 0.00	35.24 2.15 -1.04	44.83 2.38 -8.48	40.91 2.17 -7.77	34.70 1.64 -9.02	32.57 1.20 -12.88	29.06 0.70 -17.46	26.27 0.41 -19.20	25.11 0.32 -19.19
KCE_NY_1 323755	27.79 1.34 -2.55	26.86 0.96 -8.78	26.89 0.92 -9.54	27.04 0.68 -14.21	26.86 1.04 -7.63	28.22 1.67 0.00	41.11 2.48 -2.20	45.10 2.55 -2.68	36.27 2.05 0.00	29.74 1.47 0.00	26.90 1.18 0.00	25.41 1.05 0.00	24.40 1.05 0.00	24.83 1.09 0.00	26.14 1.22 0.00	28.91 1.40 0.00	35.09 1.76 -1.28	46.40 2.00 -10.42	42.28 1.76 -9.54	36.42 1.30 -11.07	35.27 0.96 -15.82	32.91 0.56 -21.45	30.61 0.35 -23.58	29.45 0.28 -23.58
KCE_NY_6_ESR 323823	24.67 0.21 -0.56	19.19 0.14 -1.93	18.69 0.16 -2.10	15.40 0.12 -3.12	20.07 0.20 -1.68	27.00 0.45 0.00	36.41 -0.51 -0.48	39.62 -0.84 -0.59	34.52 0.31 0.00	28.81 0.54 0.00	26.38 0.67 0.00	24.82 0.46 0.00	23.89 0.54 0.00	24.09 0.36 0.00	25.24 0.32 0.00	27.89 0.38 0.00	31.05 -1.28 -0.28	35.00 -1.26 -2.28	31.95 -1.11 -2.09	25.73 -0.75 -2.43	21.58 -0.37 -3.47	15.38 -0.22 -4.70	11.75 -0.08 -5.16	10.79 0.03 -5.17
KEDC_PORT_JEFF_GT2 24210	42.71 1.96 -16.86	42.11 1.39 -23.60	41.38 1.31 -23.64	40.72 0.98 -27.58	40.80 1.44 -21.17	42.78 2.15 -14.08	52.07 2.92 -12.71	56.17 3.27 -13.03	46.26 2.94 -9.11	40.88 2.55 -10.06	30.54 2.39 -2.44	29.86 2.32 -3.19	28.49 2.22 -2.92	30.23 2.33 -4.17	33.47 2.44 -6.11	39.80 2.58 -9.71	61.85 2.98 -26.82	63.93 3.57 -26.38	49.97 3.13 -15.87	43.91 2.45 -17.40	41.51 1.87 -21.16	36.81 1.12 -24.79	35.54 0.65 -28.22	32.16 0.53 -26.05
KEDC_PORT_JEFF_GT3 24211	42.71 1.96 -16.86	42.11 1.39 -23.60	41.38 1.31 -23.64	40.72 0.98 -27.58	40.80 1.44 -21.17	42.78 2.15 -14.08	52.07 2.92 -12.71	56.17 3.27 -13.03	46.26 2.94 -9.11	40.88 2.55 -10.06	30.54 2.39 -2.44	29.86 2.32 -3.19	28.49 2.22 -2.92	30.23 2.33 -4.17	33.47 2.44 -6.11	39.80 2.58 -9.71	61.85 2.98 -26.82	63.93 3.57 -26.38	49.97 3.13 -15.87	43.91 2.45 -17.40	41.51 1.87 -21.16	36.81 1.12 -24.79	35.54 0.65 -28.22	32.16 0.53 -26.05
KEDC_GLWD_GT4 24219	42.64 1.89 -16.86	42.06 1.34 -23.60	41.34 1.28 -23.64	40.69 0.96 -27.58	40.75 1.38 -21.17	42.67 2.04 -14.08	52.07 2.92 -12.71	56.25 3.35 -13.03	46.19 2.87 -9.10	40.85 2.52 -10.06	30.44 2.29 -2.44	29.78 2.24 -3.19	28.40 2.12 -2.92	30.12 2.21 -4.17	33.32 2.29 -6.11	39.66 2.45 -9.71	61.85 2.98 -26.82	63.59 3.23 -26.38	49.74 2.94 -15.82	43.67 2.26 -17.35	41.26 1.66 -21.12	36.63 0.99 -24.74	35.47 0.58 -28.22	32.11 0.47 -26.05
KEDC_GLWD_GT5 24220	42.64 1.89 -16.86	42.06 1.34 -23.60	41.34 1.28 -23.64	40.69 0.96 -27.58	40.75 1.38 -21.17	42.67 2.04 -14.08	52.07 2.92 -12.71	56.25 3.35 -13.03	46.19 2.87 -9.10	40.85 2.52 -10.06	30.44 2.29 -2.44	29.78 2.24 -3.19	28.40 2.12 -2.92	30.12 2.21 -4.17	33.32 2.29 -6.11	39.66 2.45 -9.71	61.85 2.98 -26.82	63.59 3.23 -26.38	49.74 2.94 -15.82	43.67 2.26 -17.35	41.26 1.66 -21.12	36.63 0.99 -24.74	35.47 0.58 -28.22	32.11 0.47 -26.05
KENSICO____ 23655	27.29 1.34 -2.05	25.13 0.94 -7.07	25.01 0.90 -7.68	24.26 0.68 -11.43	25.30 0.96 -6.14	27.98 1.43 0.00	40.28 2.08 -1.77	44.46 2.43 -2.16	36.30 2.09 0.00	30.11 1.84 0.00	27.36 1.65 0.00	25.99 1.63 0.00	24.92 1.56 0.00	25.37 1.64 0.00	26.61 1.69 0.00	29.27 1.76 0.00	35.29 2.21 -1.02	44.63 2.31 -8.35	40.79 2.17 -7.65	34.59 1.66 -8.87	32.36 1.20 -12.68	28.80 0.71 -17.19	25.99 0.42 -18.90	24.82 0.34 -18.90
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	27.17 1.29 -1.98	24.83 0.89 -6.82	24.67 0.84 -7.41	23.81 0.63 -11.03	25.03 0.91 -5.93	27.82 1.27 0.00	40.00 1.86 -1.70	44.10 2.15 -2.08	36.03 1.81 0.00	29.77 1.50 0.00	27.03 1.31 0.00	25.65 1.29 0.00	24.29 0.93 0.00	24.71 0.97 0.00	25.91 1.00 0.00	28.61 1.10 0.00	34.61 1.57 -0.99	43.83 1.80 -8.06	40.00 1.64 -7.38	33.82 1.20 -8.56	31.73 1.02 -12.24	28.09 0.60 -16.59	25.26 0.35 -18.24	24.10 0.28 -18.23
KIAC_JFK_GT1 23816	27.43 1.48 -2.06	25.24 1.04 -7.07	25.10 0.99 -7.69	24.35 0.75 -11.44	25.40 1.06 -6.15	28.09 1.54 0.00	40.54 2.33 -1.77	44.78 2.75 -2.16	36.61 2.39 0.00	30.45 2.18 0.00	27.69 1.98 0.00	26.31 1.95 0.00	25.22 1.87 0.00	25.66 1.92 0.00	26.93 2.02 0.00	29.57 2.06 0.00	35.67 2.60 -1.03	45.02 2.68 -8.36	41.20 2.57 -7.66	34.91 1.97 -8.88	32.60 1.42 -12.69	28.95 0.84 -17.21	26.08 0.49 -18.92	24.90 0.39 -18.92
KIAC_JFK_GT2 23817	27.43 1.48 -2.06	25.24 1.04 -7.07	25.10 0.99 -7.69	24.35 0.75 -11.44	25.40 1.06 -6.15	28.09 1.54 0.00	40.54 2.33 -1.77	44.78 2.75 -2.16	36.61 2.39 0.00	30.45 2.18 0.00	27.69 1.98 0.00	26.31 1.95 0.00	25.22 1.87 0.00	25.66 1.92 0.00	26.93 2.02 0.00	29.57 2.06 0.00	35.67 2.60 -1.03	45.02 2.68 -8.36	41.20 2.57 -7.66	34.91 1.97 -8.88	32.60 1.42 -12.69	28.95 0.84 -17.21	26.08 0.49 -18.92	24.90 0.39 -18.92

KIAC_JFK____ 323774	27.43 1.48 -2.06	25.24 1.04 -7.07	25.10 0.99 -7.69	24.35 0.75 -11.44	25.40 1.05 -6.15	28.09 1.54 0.00	40.54 2.33 -1.77	44.78 2.75 -2.16	36.61 2.39 0.00	30.48 2.21 0.00	27.69 1.98 0.00	26.31 1.95 0.00	25.22 1.87 0.00	25.66 1.92 0.00	26.93 2.02 0.00	29.57 2.06 0.00	35.67 2.59 -1.03	45.06 2.72 -8.37	41.21 2.57 -7.66	34.92 1.97 -8.89	32.61 1.42 -12.71	28.99 0.86 -17.23	26.10 0.49 -18.94	24.92 0.39 -18.93
KINTIGH____ 23543	24.40 0.00 -0.51	18.86 0.00 -1.74	18.33 0.02 -1.89	14.96 0.00 -2.81	19.74 0.04 -1.51	26.26 -0.29 0.00	36.00 -0.87 -0.43	39.04 -1.36 -0.53	33.46 -0.75 0.00	27.90 -0.37 0.00	25.53 -0.18 0.00	24.02 -0.34 0.00	23.14 -0.21 0.00	23.36 -0.38 0.00	24.47 -0.45 0.00	27.01 -0.50 0.00	30.70 -1.60 -0.25	34.43 -1.60 -2.05	31.46 -1.39 -1.88	25.37 -0.87 -2.18	21.10 -0.50 -3.12	14.85 -0.27 -4.23	11.20 -0.12 -4.65	10.22 -0.01 -4.65
KNTFSRNC_46_KV_46KV_LOAD 80397	0.11 -4.18 19.61	0.52 -2.96 13.64	0.71 -2.84 12.87	10.55 -2.05 -0.45	11.71 -3.38 3.10	21.90 -4.65 0.00	31.95 -4.55 -0.07	35.49 -4.46 -0.08	30.35 -3.87 0.00	24.91 -3.36 0.00	22.83 -2.88 0.00	21.83 -2.53 0.00	20.85 -2.50 0.00	20.72 -3.01 0.00	21.98 -2.94 0.00	24.48 -3.03 0.00	29.21 -2.88 -0.04	31.25 -3.06 -0.33	28.43 -2.85 -0.30	21.27 -3.13 -0.35	2.64 -2.33 13.51	1.03 -1.47 8.39	0.62 -0.91 5.13	0.23 -0.81 4.55
LACHUTE____HYDRO 323717	29.22 2.77 -2.56	27.90 1.99 -8.80	27.90 1.92 -9.56	27.81 1.43 -14.23	28.00 2.16 -7.64	30.05 3.50 0.00	43.95 5.32 -2.20	48.01 5.46 -2.69	38.69 4.48 0.00	31.44 3.17 0.00	28.31 2.60 0.00	26.50 2.14 0.00	25.53 2.17 0.00	25.90 2.16 0.00	27.38 2.47 0.00	30.50 3.00 0.00	36.86 3.53 -1.28	48.48 4.08 -10.43	44.19 3.65 -9.56	37.81 2.67 -11.09	36.32 2.00 -15.85	33.51 1.13 -21.48	31.00 0.71 -23.62	29.79 0.59 -23.61
LAWRNCALV_115KV_TB1 80681	4.20 -3.20 16.49	3.36 -2.38 11.38	3.35 -2.35 10.72	10.99 -1.74 -0.57	12.81 -2.87 2.51	22.57 -3.98 0.00	32.63 -3.90 -0.09	36.07 -3.91 -0.11	30.66 -3.56 0.00	25.08 -3.19 0.00	22.96 -2.75 0.00	21.87 -2.48 0.00	20.88 -2.48 0.00	20.75 -2.99 0.00	21.98 -2.94 0.00	24.48 -3.03 0.00	29.18 -2.92 -0.05	31.19 -3.19 -0.41	28.44 -2.91 -0.38	21.48 -3.01 -0.44	4.95 -2.22 11.31	2.66 -1.35 6.88	1.77 -0.82 4.08	1.30 -0.71 3.58
LEDERLE____ 23769	27.29 1.41 -1.99	24.96 0.99 -6.84	24.80 0.94 -7.44	23.93 0.70 -11.07	25.14 1.00 -5.95	28.04 1.49 0.00	40.26 2.11 -1.71	44.43 2.47 -2.09	36.30 2.09 0.00	30.14 1.87 0.00	27.39 1.67 0.00	26.02 1.66 0.00	24.89 1.54 0.00	25.35 1.61 0.00	26.59 1.67 0.00	29.27 1.76 0.00	35.29 2.24 -0.99	44.44 2.38 -8.09	40.61 2.23 -7.41	34.33 1.68 -8.60	31.98 1.22 -12.28	28.27 0.72 -16.65	25.40 0.43 -18.30	24.23 0.34 -18.30
LIGHTHSE_115KV_TB6 355974	22.68 -0.17 1.05	17.20 -0.12 -0.20	16.66 -0.11 -0.35	13.97 -0.10 -1.91	18.86 -0.13 -0.79	26.39 -0.16 0.00	36.59 -0.15 -0.30	40.03 -0.20 -0.36	33.94 -0.27 0.00	27.99 -0.28 0.00	25.53 -0.18 0.00	24.09 -0.27 0.00	23.05 -0.30 0.00	23.40 -0.33 0.00	24.59 -0.32 0.00	27.23 -0.28 0.00	31.90 -0.32 -0.17	35.07 -0.31 -1.40	32.01 -0.25 -1.28	25.39 -0.14 -1.48	19.49 -0.11 -1.12	13.07 -0.05 -2.23	9.36 -0.05 -2.74	8.33 -0.04 -2.78
LINDEN COGEN____ 23786	27.29 1.34 -2.06	25.15 0.96 -7.07	25.03 0.92 -7.69	24.30 0.70 -11.44	25.32 0.98 -6.15	27.96 1.41 0.00	40.24 2.04 -1.77	44.42 2.39 -2.16	36.27 2.05 0.00	30.22 1.95 0.00	27.49 1.77 0.00	26.11 1.75 0.00	25.04 1.68 0.00	25.49 1.76 0.00	26.71 1.79 0.00	29.35 1.84 0.00	35.35 2.28 -1.03	44.55 2.21 -8.37	40.87 2.23 -7.66	34.65 1.71 -8.89	32.45 1.26 -12.71	28.90 0.77 -17.23	26.06 0.45 -18.94	24.89 0.36 -18.93
LINDHRST_69_KV_BK1 356055	42.83 2.08 -16.86	42.20 1.47 -23.60	41.46 1.40 -23.64	40.78 1.05 -27.58	40.88 1.51 -21.17	42.89 2.26 -14.08	52.39 3.24 -12.71	56.60 3.71 -13.03	46.50 3.18 -9.10	41.02 2.69 -10.06	30.65 2.49 -2.44	29.98 2.44 -3.19	28.58 2.31 -2.92	30.30 2.40 -4.17	33.52 2.49 -6.11	39.91 2.70 -9.71	62.13 3.27 -26.81	64.02 3.67 -26.37	50.14 3.35 -15.82	43.97 2.57 -17.35	41.44 1.85 -21.11	36.70 1.08 -24.73	35.52 0.65 -28.20	32.15 0.54 -26.03
LIPA_MISC_IPP 23656	42.71 1.96 -16.86	42.11 1.39 -23.60	41.38 1.31 -23.64	40.72 0.98 -27.58	40.80 1.44 -21.17	42.81 2.18 -14.08	52.21 3.06 -12.71	56.36 3.47 -13.03	46.33 3.01 -9.10	40.85 2.52 -10.06	30.52 2.37 -2.44	29.86 2.31 -3.19	28.49 2.22 -2.92	30.23 2.33 -4.17	33.47 2.44 -6.11	39.82 2.61 -9.71	61.97 3.11 -26.81	64.02 3.67 -26.37	50.14 3.31 -15.85	44.01 2.57 -17.39	41.55 1.92 -21.15	36.79 1.12 -24.77	35.53 0.66 -28.20	32.15 0.53 -26.03
LISF____SOLAR 323691	42.76 2.01 -16.86	42.14 1.42 -23.60	41.41 1.35 -23.64	40.73 1.00 -27.58	40.82 1.46 -21.17	42.83 2.20 -14.08	52.28 3.13 -12.71	56.41 3.51 -13.03	46.36 3.04 -9.11	40.88 2.55 -10.06	30.57 2.42 -2.44	29.88 2.34 -3.19	28.51 2.24 -2.92	30.26 2.35 -4.17	33.50 2.47 -6.11	39.86 2.64 -9.71	62.04 3.17 -26.82	64.16 3.80 -26.38	50.21 3.38 -15.86	44.07 2.62 -17.40	41.62 1.98 -21.16	36.85 1.17 -24.78	35.56 0.67 -28.22	32.18 0.54 -26.05
LITTLE FALLS____HYD 24013	24.87 0.91 -0.06	17.99 0.65 -0.22	17.30 0.64 -0.24	12.98 0.47 -0.35	19.13 0.75 -0.19	27.72 1.17 0.00	38.24 1.75 -0.05	41.89 1.95 -0.07	35.86 1.64 0.00	29.60 1.33 0.00	26.95 1.23 0.00	25.50 1.14 0.00	24.33 0.98 0.00	24.73 1.00 0.00	25.96 1.05 0.00	28.72 1.21 0.00	33.49 1.41 -0.03	35.46 1.22 -0.26	32.45 1.24 -0.24	25.19 0.87 -0.28	19.50 0.63 -0.39	11.85 0.41 -0.53	7.51 0.25 -0.59	6.38 0.21 -0.59
LITTLRIV_115KV_TB1 356100	4.75 -2.99 16.15	3.76 -2.23 11.13	3.74 -2.20 10.49	11.11 -1.63 -0.58	13.04 -2.71 2.44	22.83 -3.72 0.00	33.10 -3.43 -0.09	36.63 -3.35 -0.11	31.03 -3.18 0.00	25.39 -2.88 0.00	23.25 -2.47 0.00	22.12 -2.24 0.00	21.09 -2.27 0.00	20.94 -2.80 0.00	22.18 -2.74 0.00	24.75 -2.75 0.00	29.57 -2.53 -0.05	31.58 -2.82 -0.42	28.85 -2.51 -0.39	21.76 -2.74 -0.45	5.40 -2.03 11.05	2.96 -1.24 6.70	1.97 -0.75 3.95	1.46 -0.67 3.46
LI_NEWBRDGE____DRP 323616	42.50 1.74 -16.86	41.96 1.23 -23.60	41.25 1.18 -23.64	40.63 0.90 -27.58	40.66 1.29 -21.17	42.51 1.89 -14.08	51.81 2.66 -12.71	55.96 3.07 -13.03	45.95 2.63 -9.10	40.68 2.35 -10.06	30.24 2.08 -2.44	29.59 2.05 -3.19	28.23 1.96 -2.92	29.95 2.04 -4.17	33.15 2.12 -6.11	39.44 2.23 -9.71	61.59 2.72 -26.81	63.20 2.85 -26.37	49.42 2.63 -15.81	43.44 2.04 -17.35	41.08 1.50 -21.10	36.51 0.88 -24.72	35.40 0.53 -28.20	32.05 0.43 -26.03
LOCKPORT_115KV_TB60_63_64 80432	24.43 0.00 -0.54	18.95 -0.02 -1.85	18.45 0.02 -2.01	15.14 0.00 -2.99	19.84 0.04 -1.61	26.44 -0.11 0.00	35.91 -0.98 -0.46	39.00 -1.44 -0.56	33.70 -0.51 0.00	28.13 -0.14 0.00	25.77 0.05 0.00	24.21 -0.15 0.00	23.33 -0.02 0.00	23.50 -0.24 0.00	24.62 -0.30 0.00	27.20 -0.30 0.00	30.49 -1.83 -0.27	34.39 -1.77 -2.18	31.37 -1.61 -2.00	25.32 -1.06 -2.32	21.17 -0.63 -3.32	15.05 -0.35 -4.50	11.45 -0.16 -4.94	10.52 -0.02 -4.94

LOCKPORT___CC1 323769	24.43 0.00 -0.54	18.96 -0.02 -1.85	18.47 0.03 -2.01	15.16 0.01 -3.00	19.86 0.05 -1.61	26.47 -0.08 0.00	35.92 -0.98 -0.46	38.96 -1.47 -0.57	33.70 -0.51 0.00	28.16 -0.11 0.00	25.77 0.05 0.00	24.24 -0.12 0.00	23.33 -0.02 0.00	23.52 -0.21 0.00	24.64 -0.27 0.00	27.20 -0.30 0.00	30.49 -1.83 -0.27	34.33 -1.84 -2.19	31.37 -1.61 -2.01	25.27 -1.11 -2.33	21.20 -0.61 -3.33	15.05 -0.36 -4.51	11.47 -0.15 -4.96	10.54 -0.01 -4.96
LOCKPORT___CC2 323770	24.43 0.00 -0.54	18.96 -0.02 -1.85	18.47 0.03 -2.01	15.16 0.01 -3.00	19.86 0.05 -1.61	26.47 -0.08 0.00	35.92 -0.98 -0.46	38.96 -1.47 -0.57	33.70 -0.51 0.00	28.16 -0.11 0.00	25.77 0.05 0.00	24.24 -0.12 0.00	23.33 -0.02 0.00	23.52 -0.21 0.00	24.64 -0.27 0.00	27.20 -0.30 0.00	30.49 -1.83 -0.27	34.33 -1.84 -2.19	31.37 -1.61 -2.01	25.27 -1.11 -2.33	21.20 -0.61 -3.33	15.05 -0.36 -4.51	11.47 -0.15 -4.96	10.54 -0.01 -4.96
LOCKPORT___CC3 323771	24.43 0.00 -0.54	18.96 -0.02 -1.85	18.47 0.03 -2.01	15.16 0.01 -3.00	19.86 0.05 -1.61	26.47 -0.08 0.00	35.92 -0.98 -0.46	38.96 -1.47 -0.57	33.70 -0.51 0.00	28.16 -0.11 0.00	25.77 0.05 0.00	24.24 -0.12 0.00	23.33 -0.02 0.00	23.52 -0.21 0.00	24.64 -0.27 0.00	27.20 -0.30 0.00	30.49 -1.83 -0.27	34.33 -1.84 -2.19	31.37 -1.61 -2.01	25.27 -1.11 -2.33	21.20 -0.61 -3.33	15.05 -0.36 -4.51	11.47 -0.15 -4.96	10.54 -0.01 -4.96
LONG_LAKE_PHOENIX 24014	23.66 -0.14 0.09	17.97 -0.10 -0.95	17.41 -0.10 -1.08	14.15 -0.07 -2.07	19.12 -0.11 -1.03	26.36 -0.19 0.00	36.36 -0.40 -0.32	39.82 -0.44 -0.39	33.91 -0.31 0.00	28.02 -0.25 0.00	25.53 -0.18 0.00	24.12 -0.24 0.00	23.14 -0.21 0.00	23.50 -0.24 0.00	24.67 -0.25 0.00	27.23 -0.28 0.00	31.79 -0.45 -0.19	34.98 -0.51 -1.51	31.99 -0.37 -1.38	25.47 -0.19 -1.61	20.32 -0.13 -1.96	13.72 -0.08 -2.90	9.90 -0.05 -3.28	8.86 -0.03 -3.30
LOVETT___3 23632	27.20 1.31 -1.99	24.91 0.92 -6.86	24.75 0.87 -7.46	23.92 0.67 -11.10	25.10 0.95 -5.96	27.93 1.38 0.00	40.12 1.97 -1.71	44.27 2.31 -2.10	36.16 1.95 0.00	30.02 1.75 0.00	27.28 1.57 0.00	25.92 1.56 0.00	24.82 1.47 0.00	25.28 1.54 0.00	26.51 1.59 0.00	29.16 1.65 0.00	35.13 2.08 -0.99	44.32 2.24 -8.11	40.48 2.08 -7.43	34.26 1.59 -8.62	31.94 1.15 -12.31	28.27 0.68 -16.69	25.42 0.40 -18.35	24.26 0.32 -18.35
LOVETT___4 23642	27.20 1.31 -1.99	24.91 0.92 -6.86	24.75 0.87 -7.46	23.92 0.67 -11.10	25.10 0.95 -5.96	27.93 1.38 0.00	40.12 1.97 -1.71	44.27 2.31 -2.10	36.16 1.95 0.00	30.02 1.75 0.00	27.28 1.57 0.00	25.92 1.56 0.00	24.82 1.47 0.00	25.28 1.54 0.00	26.51 1.59 0.00	29.16 1.65 0.00	35.13 2.08 -0.99	44.32 2.24 -8.11	40.48 2.08 -7.43	34.26 1.59 -8.62	31.94 1.15 -12.31	28.27 0.68 -16.69	25.42 0.40 -18.35	24.26 0.32 -18.35
LOVETT___5 23593	27.20 1.31 -1.99	24.91 0.92 -6.86	24.75 0.87 -7.46	23.92 0.67 -11.10	25.10 0.95 -5.96	27.93 1.38 0.00	40.12 1.97 -1.71	44.27 2.31 -2.10	36.16 1.95 0.00	30.02 1.75 0.00	27.28 1.57 0.00	25.92 1.56 0.00	24.82 1.47 0.00	25.28 1.54 0.00	26.51 1.59 0.00	29.16 1.65 0.00	35.13 2.08 -0.99	44.32 2.24 -8.11	40.48 2.08 -7.43	34.26 1.59 -8.62	31.94 1.15 -12.31	28.27 0.68 -16.69	25.42 0.40 -18.35	24.26 0.32 -18.35
LOWER_RAQUET___HYD 24057	4.93 -3.13 15.83	3.88 -2.35 10.90	3.84 -2.32 10.26	11.05 -1.70 -0.60	12.99 -2.82 2.38	22.65 -3.90 0.00	32.74 -3.79 -0.09	36.19 -3.79 -0.11	30.72 -3.49 0.00	25.16 -3.11 0.00	22.96 -2.75 0.00	21.92 -2.44 0.00	20.92 -2.43 0.00	20.79 -2.94 0.00	22.03 -2.89 0.00	24.53 -2.97 0.00	29.28 -2.82 -0.05	31.32 -3.09 -0.43	28.55 -2.82 -0.39	21.57 -2.94 -0.46	5.48 -2.18 10.82	3.03 -1.33 6.54	2.03 -0.81 3.84	1.53 -0.70 3.36
LOWER___HUDSON 24059	27.24 0.84 -2.51	26.36 0.60 -8.64	26.39 0.57 -9.39	26.56 0.43 -13.98	26.36 0.65 -7.51	27.64 1.09 0.00	40.13 1.53 -2.16	44.10 1.60 -2.64	35.51 1.30 0.00	29.18 0.90 0.00	26.38 0.67 0.00	25.02 0.66 0.00	24.01 0.65 0.00	24.50 0.76 0.00	25.74 0.82 0.00	28.41 0.91 0.00	34.53 1.22 -1.26	45.55 1.32 -10.25	41.54 1.18 -9.39	35.83 0.89 -10.89	34.67 0.63 -15.56	32.36 0.36 -21.10	30.10 0.23 -23.20	28.96 0.18 -23.19
LOWVILLE_115KV_TB2 356335	18.85 -0.53 4.51	14.01 -0.38 2.74	13.52 -0.39 2.51	12.78 -0.29 -0.92	17.46 -0.44 0.30	26.05 -0.50 0.00	36.51 -0.07 -0.14	40.08 0.04 -0.17	33.94 -0.27 0.00	27.87 -0.40 0.00	25.41 -0.31 0.00	23.99 -0.37 0.00	22.86 -0.49 0.00	23.12 -0.62 0.00	24.37 -0.55 0.00	27.15 -0.36 0.00	32.01 -0.13 -0.08	34.44 -0.20 -0.67	31.50 -0.09 -0.62	24.50 -0.26 -0.71	15.88 -0.26 2.34	9.94 -0.16 0.79	6.67 -0.11 -0.11	5.72 -0.12 -0.25
LUTHERFT_115KV_GLOB_FND_222 355753	27.76 1.31 -2.55	26.85 0.94 -8.78	26.89 0.92 -9.54	27.04 0.68 -14.21	26.85 1.02 -7.63	28.20 1.65 0.00	41.07 2.44 -2.20	45.06 2.51 -2.68	36.23 2.02 0.00	29.71 1.44 0.00	26.87 1.16 0.00	25.38 1.02 0.00	24.38 1.03 0.00	24.83 1.09 0.00	26.14 1.22 0.00	28.88 1.38 0.00	35.05 1.73 -1.27	46.32 1.97 -10.38	42.22 1.73 -9.51	36.38 1.30 -11.03	35.19 0.94 -15.76	32.81 0.54 -21.37	30.51 0.35 -23.49	29.36 0.29 -23.49
LUTHERNY_35_KV_BK2 355980	27.79 1.34 -2.55	26.86 0.96 -8.78	26.89 0.92 -9.54	27.04 0.68 -14.21	26.87 1.04 -7.63	28.22 1.67 0.00	41.11 2.48 -2.20	45.10 2.55 -2.68	36.27 2.05 0.00	29.74 1.47 0.00	26.87 1.16 0.00	25.41 1.05 0.00	24.40 1.05 0.00	24.83 1.09 0.00	26.14 1.22 0.00	28.91 1.40 0.00	35.09 1.76 -1.27	46.36 2.00 -10.38	42.25 1.77 -9.51	36.38 1.30 -11.03	35.21 0.96 -15.76	32.83 0.56 -21.37	30.52 0.35 -23.49	29.36 0.29 -23.49
LWR___OSWEGATCHIE_HYD 23850	11.03 -2.05 10.81	8.36 -1.51 7.25	8.13 -1.49 6.80	11.84 -1.11 -0.79	14.98 -1.78 1.43	24.11 -2.44 0.00	34.34 -2.22 -0.12	37.78 -2.23 -0.15	32.02 -2.19 0.00	26.24 -2.04 0.00	23.97 -1.75 0.00	22.73 -1.63 0.00	21.67 -1.68 0.00	21.74 -1.99 0.00	22.95 -1.97 0.00	25.58 -1.93 0.00	30.36 -1.76 -0.07	32.65 -1.90 -0.58	29.80 -1.70 -0.53	22.86 -1.80 -0.61	10.11 -1.37 7.00	6.16 -0.83 3.91	4.15 -0.52 2.00	3.46 -0.46 1.67
LYONS_FALL_HYD 23570	20.90 -0.14 2.85	15.43 -0.10 1.59	14.86 -0.13 1.43	12.92 -0.10 -0.87	18.02 -0.13 0.04	26.47 -0.08 0.00	36.93 0.36 -0.13	40.51 0.48 -0.16	34.39 0.17 0.00	28.27 0.00 0.00	25.77 0.05 0.00	24.36 0.00 0.00	23.24 -0.12 0.00	23.52 -0.21 0.00	24.77 -0.15 0.00	27.53 0.03 0.00	32.35 0.23 -0.08	34.78 0.17 -0.63	31.80 0.25 -0.58	24.75 0.02 -0.67	17.26 -0.02 1.21	10.79 -0.01 0.10	7.17 -0.03 -0.52	6.16 -0.04 -0.61
MADISON___COUNTY_LFGE 323628	23.95 0.60 0.54	17.86 0.45 -0.29	17.23 0.41 -0.39	13.83 0.30 -1.37	19.27 0.47 -0.60	27.35 0.80 0.00	37.92 1.28 -0.21	41.56 1.44 -0.26	35.31 1.09 0.00	29.09 0.82 0.00	26.49 0.77 0.00	25.02 0.66 0.00	23.91 0.56 0.00	24.28 0.55 0.00	25.51 0.60 0.00	28.30 0.80 0.00	33.10 0.93 -0.12	35.86 0.88 -1.00	32.76 0.87 -0.92	25.77 0.65 -1.06	19.88 0.44 -0.95	12.87 0.27 -1.69	8.85 0.15 -2.03	7.76 0.12 -2.05

MALONE___115KV_TB1 356076	1.53 -3.92 18.45	1.51 -2.81 12.80	1.66 -2.69 12.07	10.68 -1.97 -0.49	12.08 -3.24 2.88	22.09 -4.46 0.00	32.18 -4.34 -0.08	35.69 -4.27 -0.09	30.48 -3.73 0.00	24.99 -3.28 0.00	22.89 -2.83 0.00	21.87 -2.48 0.00	20.90 -2.45 0.00	20.75 -2.99 0.00	22.00 -2.92 0.00	24.51 -3.00 0.00	29.24 -2.85 -0.04	31.28 -3.06 -0.36	28.36 -2.94 -0.33	21.26 -3.17 -0.38	3.45 -2.35 12.68	1.61 -1.46 7.82	1.03 -0.90 4.73	0.61 -0.79 4.19
MAPLEWOD_115KV_TB3 80458	27.04 0.65 -2.50	26.21 0.48 -8.61	26.24 0.46 -9.36	26.41 0.33 -13.93	26.19 0.51 -7.48	27.37 0.82 0.00	39.75 1.17 -2.15	43.73 1.24 -2.63	35.17 0.96 0.00	29.01 0.74 0.00	26.25 0.54 0.00	24.90 0.54 0.00	23.91 0.56 0.00	24.38 0.64 0.00	25.59 0.67 0.00	28.25 0.74 0.00	34.32 1.03 -1.25	45.27 1.12 -10.17	41.29 0.99 -9.32	35.59 0.72 -10.81	34.45 0.52 -15.45	32.14 0.29 -20.95	29.88 0.18 -23.03	28.76 0.14 -23.03
MAPLE_RIDGE_WT_1 323574	-0.83 -1.89 22.84	-0.22 -1.34 16.01	0.00 -1.30 15.13	11.51 -0.92 -0.28	13.04 -1.42 3.73	24.59 -1.96 0.00	34.44 -2.04 -0.04	37.84 -2.07 -0.05	32.40 -1.81 0.00	26.72 -1.55 0.00	24.35 -1.36 0.00	23.14 -1.22 0.00	22.16 -1.19 0.00	22.38 -1.35 0.00	23.57 -1.35 0.00	26.07 -1.43 0.00	30.57 -1.51 -0.03	32.38 -1.80 -0.21	29.31 -1.86 -0.19	22.44 -1.83 -0.22	1.16 -1.46 15.86	0.00 -0.85 10.05	-0.18 -0.53 6.32	-0.51 -0.45 5.65
MAPLE_RIDGE_WT_2 323611	-0.83 -1.89 22.84	-0.22 -1.34 16.01	0.00 -1.30 15.13	11.51 -0.92 -0.28	13.04 -1.42 3.73	24.59 -1.96 0.00	34.44 -2.04 -0.04	37.84 -2.07 -0.05	32.40 -1.81 0.00	26.72 -1.55 0.00	24.35 -1.36 0.00	23.14 -1.22 0.00	22.16 -1.19 0.00	22.38 -1.35 0.00	23.57 -1.35 0.00	26.07 -1.43 0.00	30.57 -1.51 -0.03	32.38 -1.80 -0.21	29.31 -1.86 -0.19	22.44 -1.83 -0.22	1.16 -1.46 15.86	0.00 -0.85 10.05	-0.18 -0.53 6.32	-0.51 -0.45 5.65
MARBLE_RIVER_WT_PWR 323696	-0.06 -4.25 19.70	0.36 -3.05 13.71	0.58 -2.91 12.94	10.51 -2.09 -0.44	11.68 -3.40 3.12	21.85 -4.70 0.00	31.80 -4.70 -0.07	35.33 -4.62 -0.08	30.18 -4.04 0.00	24.79 -3.48 0.00	22.65 -3.06 0.00	21.71 -2.65 0.00	20.76 -2.59 0.00	20.65 -3.09 0.00	21.90 -3.02 0.00	24.40 -3.11 0.00	29.11 -2.98 -0.04	31.11 -3.20 -0.33	28.21 -3.07 -0.30	21.13 -3.27 -0.35	2.27 -2.48 13.74	0.80 -1.56 8.54	0.46 -0.97 5.23	0.09 -0.86 4.64
MARSHVLE_115KV_TB1 80742	27.71 0.69 -3.12	28.37 0.51 -10.73	28.58 0.49 -11.66	29.89 0.38 -17.36	28.12 0.60 -9.33	27.66 1.12 0.00	41.12 2.00 -2.68	45.34 2.19 -3.28	35.86 1.64 0.00	29.34 1.07 0.00	26.54 0.82 0.00	24.97 0.61 0.00	23.75 0.40 0.00	24.14 0.40 0.00	25.44 0.52 0.00	28.39 0.88 0.00	34.57 0.96 -1.56	47.95 1.29 -12.68	43.74 1.15 -11.62	38.32 0.79 -13.48	38.28 0.54 -19.26	37.42 0.41 -26.11	35.57 0.20 -28.71	34.43 0.14 -28.70
MARSH_HILL_WT_PWR 323713	25.00 0.45 -0.65	19.70 0.34 -2.24	19.25 0.39 -2.43	16.08 0.30 -3.62	20.65 0.51 -1.95	27.61 1.06 0.00	37.72 0.73 -0.56	41.19 0.64 -0.68	35.55 1.33 0.00	29.54 1.27 0.00	27.00 1.29 0.00	25.36 1.00 0.00	24.38 1.03 0.00	24.64 0.90 0.00	25.81 0.90 0.00	28.58 1.07 0.00	32.34 -0.03 -0.32	36.62 0.00 -2.65	33.31 -0.09 -2.43	26.87 0.00 -2.81	22.52 0.02 -4.02	16.33 -0.02 -5.45	12.66 -0.01 -5.99	11.64 0.06 -5.99
MCINTYRE_115KV_TB2 80467	4.26 -2.96 16.67	3.39 -2.23 11.51	3.37 -2.22 10.84	11.08 -1.64 -0.56	12.92 -2.73 2.54	22.81 -3.74 0.00	33.13 -3.39 -0.09	36.66 -3.31 -0.11	31.00 -3.22 0.00	25.33 -2.94 0.00	23.19 -2.52 0.00	22.09 -2.27 0.00	21.04 -2.31 0.00	20.86 -2.87 0.00	22.10 -2.82 0.00	24.70 -2.81 0.00	29.54 -2.56 -0.05	31.63 -2.75 -0.41	28.84 -2.51 -0.37	21.72 -2.77 -0.43	4.96 -2.05 11.47	2.66 -1.25 6.99	1.76 -0.76 4.15	1.28 -0.67 3.65
MECO___69_KV_BK1 80468	28.32 1.46 -2.97	28.39 1.06 -10.21	28.55 1.03 -11.09	29.44 0.78 -16.51	28.30 1.24 -8.87	28.67 2.12 0.00	42.59 3.61 -2.55	47.25 4.27 -3.12	37.64 3.42 0.00	30.70 2.43 0.00	27.64 1.93 0.00	25.97 1.61 0.00	24.85 1.49 0.00	25.28 1.54 0.00	26.76 1.84 0.00	30.01 2.50 0.00	36.38 2.85 -1.48	48.38 2.34 -12.06	44.57 2.54 -11.05	38.68 1.80 -12.82	38.13 1.33 -18.32	36.54 0.81 -24.84	34.38 0.41 -27.31	33.19 0.30 -27.30
MENANDS___115KV_TB5 355628	26.90 0.50 -2.50	26.09 0.38 -8.59	26.13 0.36 -9.34	26.31 0.26 -13.90	26.08 0.42 -7.47	27.21 0.66 0.00	39.50 0.91 -2.15	43.41 0.92 -2.63	34.93 0.72 0.00	28.84 0.57 0.00	26.10 0.39 0.00	24.80 0.44 0.00	23.80 0.44 0.00	24.26 0.52 0.00	25.46 0.55 0.00	28.08 0.58 0.00	34.13 0.83 -1.25	45.05 0.92 -10.16	41.05 0.77 -9.30	35.42 0.58 -10.80	34.30 0.39 -15.43	32.04 0.23 -20.91	29.80 0.14 -22.99	28.68 0.11 -22.99
MG INDUSTRY___DRP 24185	26.85 0.48 -2.48	26.01 0.36 -8.53	26.04 0.34 -9.27	26.19 0.24 -13.80	25.99 0.38 -7.41	27.16 0.61 0.00	39.37 0.80 -2.13	43.35 0.88 -2.61	34.93 0.72 0.00	28.84 0.57 0.00	26.13 0.41 0.00	24.82 0.46 0.00	23.80 0.44 0.00	24.26 0.52 0.00	25.46 0.55 0.00	28.08 0.58 0.00	34.09 0.80 -1.24	44.90 0.85 -10.08	40.98 0.77 -9.23	35.34 0.78 -10.71	34.20 0.41 -15.31	31.88 0.23 -20.75	29.63 0.15 -22.82	28.51 0.11 -22.81
MID___OSWEGATCHIE_HYD 23849	11.03 -2.05 10.81	8.36 -1.51 7.25	8.13 -1.49 6.80	11.84 -1.11 -0.79	14.98 -1.78 1.43	24.11 -2.44 0.00	34.34 -2.22 -0.12	37.78 -2.23 -0.15	32.02 -2.19 0.00	26.24 -2.04 0.00	23.97 -1.75 0.00	22.73 -1.63 0.00	21.67 -1.68 0.00	21.74 -1.99 0.00	22.95 -1.97 0.00	25.58 -1.93 0.00	30.36 -1.76 -0.07	32.65 -1.90 -0.58	29.80 -1.70 -0.53	22.86 -1.80 -0.61	10.11 -1.37 7.00	6.16 -0.83 3.91	4.15 -0.52 2.00	3.46 -0.46 1.67
MID___RAQUETTE_HYD 23851	4.91 -3.15 15.83	3.88 -2.35 10.90	3.84 -2.32 10.26	11.05 -1.70 -0.60	12.99 -2.82 2.38	22.65 -3.90 0.00	32.74 -3.79 -0.09	36.19 -3.79 -0.11	30.72 -3.49 0.00	25.16 -3.11 0.00	23.01 -2.70 0.00	21.92 -2.44 0.00	20.92 -2.43 0.00	20.79 -2.94 0.00	22.03 -2.89 0.00	24.53 -2.97 0.00	29.28 -2.82 -0.05	31.31 -3.09 -0.43	28.55 -2.82 -0.39	21.58 -2.93 -0.46	5.50 -2.18 10.81	3.04 -1.33 6.53	2.03 -0.81 3.83	1.53 -0.70 3.36
MILLIKEN___1 23584	25.22 0.69 -0.63	19.80 0.51 -2.16	19.27 0.49 -2.35	16.01 0.35 -3.50	20.62 0.55 -1.88	27.45 0.90 0.00	38.11 1.13 -0.54	41.76 1.24 -0.66	35.38 1.16 0.00	29.18 0.90 0.00	26.54 0.82 0.00	25.04 0.68 0.00	24.01 0.65 0.00	24.35 0.62 0.00	25.59 0.67 0.00	28.33 0.83 0.00	33.13 0.77 -0.31	37.42 0.88 -2.56	34.19 0.87 -2.34	27.47 0.70 -2.72	22.90 0.54 -3.88	16.47 0.31 -5.27	12.64 0.18 -5.79	11.54 0.16 -5.79
MILLIKEN___2 23585	25.22 0.69 -0.63	19.80 0.51 -2.16	19.27 0.49 -2.35	16.01 0.35 -3.50	20.62 0.55 -1.88	27.45 0.90 0.00	38.11 1.13 -0.54	41.76 1.24 -0.66	35.38 1.16 0.00	29.18 0.90 0.00	26.54 0.82 0.00	25.04 0.68 0.00	24.01 0.65 0.00	24.35 0.62 0.00	25.59 0.67 0.00	28.33 0.83 0.00	33.13 0.77 -0.31	37.42 0.88 -2.56	34.19 0.87 -2.34	27.47 0.70 -2.72	22.90 0.54 -3.88	16.47 0.31 -5.27	12.64 0.18 -5.79	11.54 0.16 -5.79

MILLIKEN___DIESEL 23629	25.22 0.69 -0.63	19.80 0.51 -2.16	19.27 0.49 -2.35	16.01 0.35 -3.50	20.62 0.55 -1.88	27.45 0.90 0.00	38.11 1.13 -0.54	41.76 1.24 -0.66	35.38 1.16 0.00	29.18 0.90 0.00	26.54 0.82 0.00	25.04 0.68 0.00	24.01 0.65 0.00	24.35 0.62 0.00	25.59 0.67 0.00	28.33 0.83 0.00	33.13 0.77 -0.31	37.42 0.88 -2.56	34.19 0.87 -2.34	27.47 0.70 -2.72	22.90 0.54 -3.88	16.47 0.31 -5.27	12.64 0.18 -5.79	11.54 0.16 -5.79
MILLSEAT___LFGE 323607	24.71 0.29 -0.53	19.13 0.19 -1.82	18.63 0.23 -1.98	15.25 0.16 -2.94	20.06 0.29 -1.58	26.84 0.29 0.00	36.60 -0.29 -0.45	39.78 -0.64 -0.56	34.32 0.10 0.00	28.61 0.34 0.00	26.12 0.41 0.00	24.51 0.15 0.00	23.59 0.23 0.00	23.78 0.05 0.00	24.92 0.00 0.00	27.59 0.08 0.00	31.06 -1.25 -0.26	35.07 -1.05 -2.15	31.92 -1.02 -1.97	25.62 -0.72 -2.29	21.42 -0.33 -3.27	15.11 -0.22 -4.43	11.45 -0.09 -4.86	10.50 0.04 -4.87
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	27.23 1.29 -2.05	25.08 0.91 -7.05	24.95 0.87 -7.66	24.21 0.66 -11.40	25.26 0.95 -6.12	27.93 1.38 0.00	40.20 2.00 -1.76	44.33 2.31 -2.15	36.20 1.98 0.00	30.02 1.75 0.00	27.28 1.57 0.00	25.92 1.56 0.00	24.82 1.47 0.00	25.28 1.54 0.00	26.51 1.59 0.00	29.18 1.68 0.00	35.19 2.12 -1.02	44.51 2.21 -8.33	40.68 2.08 -7.63	34.49 1.59 -8.85	32.27 1.15 -12.65	28.72 0.68 -17.15	25.92 0.40 -18.85	24.76 0.32 -18.84
MILLWOOD_13_KV_LOAD 356217	27.30 1.36 -2.05	25.11 0.94 -7.05	24.99 0.90 -7.66	24.24 0.69 -11.40	25.28 0.96 -6.12	27.98 1.43 0.00	40.27 2.08 -1.76	44.45 2.43 -2.15	36.30 2.09 0.00	30.11 1.84 0.00	27.36 1.65 0.00	25.99 1.63 0.00	24.87 1.52 0.00	25.30 1.57 0.00	26.54 1.62 0.00	29.21 1.71 0.00	35.22 2.15 -1.02	44.61 2.31 -8.33	40.77 2.17 -7.63	34.54 1.64 -8.85	32.33 1.20 -12.65	28.74 0.70 -17.15	25.93 0.41 -18.85	24.76 0.33 -18.84
MODEL_CITY_ENERGY 24167	24.17 -0.26 -0.54	18.79 -0.19 -1.86	18.30 -0.15 -2.02	15.04 -0.12 -3.00	19.66 -0.15 -1.61	26.12 -0.43 0.00	35.48 -1.42 -0.46	38.48 -1.95 -0.57	33.26 -0.96 0.00	27.79 -0.48 0.00	25.46 -0.26 0.00	23.92 -0.44 0.00	23.05 -0.30 0.00	23.24 -0.50 0.00	24.32 -0.60 0.00	26.87 -0.63 0.00	30.11 -2.21 -0.27	33.90 -2.28 -2.20	30.97 -2.01 -2.01	24.99 -1.40 -2.33	20.99 -0.83 -3.33	14.94 -0.48 -4.52	11.41 -0.23 -4.97	10.49 -0.07 -4.97
MODERN_LFGE___ 323580	24.17 -0.26 -0.54	18.79 -0.19 -1.86	18.30 -0.15 -2.02	15.04 -0.12 -3.00	19.66 -0.15 -1.61	26.12 -0.43 0.00	35.48 -1.42 -0.46	38.48 -1.95 -0.57	33.26 -0.96 0.00	27.79 -0.48 0.00	25.46 -0.26 0.00	23.92 -0.44 0.00	23.05 -0.30 0.00	23.24 -0.50 0.00	24.32 -0.60 0.00	26.87 -0.63 0.00	30.11 -2.21 -0.27	33.90 -2.28 -2.20	30.97 -2.01 -2.01	24.99 -1.40 -2.33	20.99 -0.83 -3.33	14.94 -0.48 -4.52	11.41 -0.23 -4.97	10.49 -0.07 -4.97
MOHAWK_PAPER___DRP 24187	27.04 0.65 -2.50	26.21 0.48 -8.61	26.24 0.46 -9.36	26.41 0.33 -13.93	26.19 0.51 -7.48	27.37 0.82 0.00	39.75 1.17 -2.15	43.73 1.24 -2.63	35.17 0.96 0.00	29.01 0.74 0.00	26.25 0.54 0.00	24.90 0.54 0.00	23.91 0.56 0.00	24.38 0.64 0.00	25.59 0.67 0.00	28.25 0.74 0.00	34.32 1.03 -1.25	45.27 1.12 -10.17	41.29 0.99 -9.32	35.59 0.72 -10.81	34.45 0.52 -15.45	32.14 0.29 -20.95	29.88 0.18 -23.03	28.76 0.14 -23.03
MOHICAN___35_KV_115KV_LD 80490	28.12 1.67 -2.56	27.11 1.20 -8.79	27.13 1.15 -9.55	27.24 0.86 -14.22	27.14 1.31 -7.64	28.67 2.12 0.00	41.84 3.21 -2.20	45.82 3.27 -2.69	36.85 2.63 0.00	30.14 1.87 0.00	27.21 1.49 0.00	25.60 1.24 0.00	24.59 1.24 0.00	25.02 1.28 0.00	26.36 1.45 0.00	29.13 1.62 0.00	35.31 1.99 -1.27	46.67 2.31 -10.39	42.53 2.04 -9.51	36.58 1.49 -11.04	35.35 1.09 -15.78	32.91 0.62 -21.39	30.61 0.43 -23.51	29.46 0.36 -23.51
MONGAUP___HYD 23641	27.02 1.22 -1.90	24.50 0.82 -6.55	24.33 0.79 -7.12	23.33 0.58 -10.60	24.74 0.86 -5.69	27.77 1.22 0.00	39.71 1.64 -1.64	43.74 1.87 -2.00	35.75 1.54 0.00	29.57 1.30 0.00	26.84 1.13 0.00	25.46 1.10 0.00	24.38 1.03 0.00	24.81 1.07 0.00	26.04 1.12 0.00	28.71 1.21 0.00	34.67 1.67 -0.95	43.52 1.80 -7.75	39.74 1.67 -7.10	33.59 1.30 -8.24	31.18 0.92 -11.77	27.40 0.54 -15.96	24.52 0.31 -17.54	23.38 0.25 -17.54
MONTAUK___DIESEL 23721	43.48 2.72 -16.86	42.66 1.93 -23.60	41.92 1.86 -23.64	41.09 1.36 -27.58	41.39 2.02 -21.17	43.71 3.08 -14.08	53.56 4.41 -12.71	57.80 4.90 -13.03	47.56 4.24 -9.10	41.72 3.39 -10.06	31.39 3.24 -2.44	30.64 3.09 -3.19	29.24 2.97 -2.92	30.97 3.06 -4.17	34.32 3.29 -6.11	40.84 3.63 -9.71	63.22 4.36 -26.81	65.65 5.30 -26.37	51.48 4.65 -15.85	45.02 3.58 -17.39	42.33 2.70 -21.15	37.21 1.55 -24.77	35.76 0.89 -28.20	32.33 0.72 -26.03
MOONROAD_115KV_HARTFLD_TB1-2 355988	24.90 0.43 -0.58	19.45 0.34 -1.99	18.99 0.41 -2.16	15.68 0.32 -3.21	20.45 0.53 -1.73	27.66 1.12 0.00	37.41 0.47 -0.50	40.95 0.48 -0.61	35.75 1.54 0.00	29.83 1.55 0.00	27.36 1.65 0.00	25.72 1.36 0.00	24.73 1.38 0.00	24.92 1.19 0.00	26.14 1.22 0.00	28.91 1.40 0.00	32.11 -0.22 -0.29	36.02 -0.31 -2.35	32.60 -0.53 -2.15	26.02 -0.53 -2.49	21.71 -0.33 -3.56	15.50 -0.23 -4.83	11.84 -0.14 -5.31	10.87 -0.03 -5.31
MORTIMER_115KV_TB3 55949	24.83 0.45 -0.49	19.12 0.33 -1.67	18.58 0.34 -1.81	15.08 0.23 -2.70	20.05 0.40 -1.45	27.05 0.50 0.00	37.14 0.29 -0.42	40.50 0.12 -0.51	34.73 0.51 0.00	28.81 0.54 0.00	26.28 0.57 0.00	24.65 0.29 0.00	23.68 0.33 0.00	23.93 0.19 0.00	25.12 0.20 0.00	27.81 0.30 0.00	31.81 -0.48 -0.24	36.19 0.24 -1.97	32.47 -0.31 -1.81	25.98 -0.17 -2.10	21.46 -0.02 -3.00	14.93 -0.03 -4.06	11.13 0.00 -4.46	10.13 0.07 -4.46
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	27.41 1.46 -2.06	25.22 1.03 -7.07	25.10 0.99 -7.69	24.34 0.74 -11.44	25.40 1.06 -6.15	28.09 1.54 0.00	40.39 2.19 -1.77	44.58 2.55 -2.16	36.40 2.19 0.00	30.28 2.01 0.00	27.51 1.80 0.00	26.16 1.80 0.00	25.06 1.70 0.00	25.52 1.78 0.00	26.76 1.84 0.00	29.40 1.90 0.00	35.45 2.37 -1.03	44.75 2.41 -8.36	40.96 2.32 -7.66	34.72 1.78 -8.88	32.47 1.29 -12.69	28.87 0.76 -17.21	26.05 0.46 -18.92	24.88 0.37 -18.92
MUNSVILLE_WIND_PWR 323609	26.80 2.06 -0.85	21.59 1.54 -2.93	21.09 1.48 -3.18	18.00 1.11 -4.74	22.50 1.76 -2.55	29.42 2.87 0.00	41.50 4.33 -0.73	45.54 4.78 -0.89	37.98 3.76 0.00	31.16 2.89 0.00	28.39 2.67 0.00	26.67 2.32 0.00	25.38 2.03 0.00	25.75 2.02 0.00	27.13 2.22 0.00	30.42 2.91 0.00	35.81 3.33 -0.42	40.94 3.50 -3.46	37.31 3.16 -3.17	30.09 2.36 -3.68	25.39 1.64 -5.26	18.99 0.96 -7.13	15.06 0.55 -7.84	13.85 0.42 -7.84
N SALMON___HYD 24042	1.57 -3.87 18.45	1.53 -2.79 12.80	1.66 -2.69 12.07	10.68 -1.97 -0.49	12.08 -3.24 2.88	22.09 -4.46 0.00	32.18 -4.34 -0.08	35.69 -4.26 -0.09	30.49 -3.73 0.00	24.99 -3.28 0.00	22.84 -2.88 0.00	21.87 -2.48 0.00	20.90 -2.45 0.00	20.74 -2.99 0.00	22.00 -2.92 0.00	24.51 -3.00 0.00	29.24 -2.85 -0.04	31.28 -3.06 -0.36	28.36 -2.94 -0.33	21.26 -3.18 -0.38	3.34 -2.35 12.79	1.54 -1.46 7.89	0.99 -0.90 4.78	0.57 -0.79 4.23

N.AKRON__115KV_KNAPP 355671	24.71 0.29 -0.53	19.14 0.19 -1.83	18.64 0.23 -1.99	15.27 0.16 -2.95	20.05 0.27 -1.59	26.84 0.29 0.00	36.56 -0.33 -0.46	39.71 -0.72 -0.56	34.28 0.07 0.00	28.58 0.31 0.00	26.13 0.41 0.00	24.51 0.15 0.00	23.59 0.23 0.00	23.78 0.05 0.00	24.92 0.00 0.00	27.59 0.08 0.00	31.03 -1.28 -0.26	35.05 -1.09 -2.16	31.90 -1.05 -1.98	25.67 -0.67 -2.29	21.41 -0.35 -3.28	15.14 -0.21 -4.45	11.47 -0.09 -4.88	10.51 0.04 -4.89
N.BELMOR_69_KV_BK1 55787	42.64 1.89 -16.86	42.06 1.34 -23.60	41.33 1.26 -23.64	40.68 0.95 -27.58	40.73 1.36 -21.17	42.65 2.02 -14.08	52.02 2.88 -12.71	56.20 3.31 -13.03	46.15 2.84 -9.10	40.79 2.46 -10.06	30.42 2.26 -2.44	29.76 2.22 -3.19	28.40 2.13 -2.92	30.09 2.18 -4.17	33.30 2.27 -6.11	39.63 2.42 -9.71	61.81 2.95 -26.81	63.54 3.19 -26.37	49.73 2.94 -15.81	43.66 2.26 -17.35	41.27 1.68 -21.10	36.60 0.98 -24.72	35.46 0.59 -28.20	32.09 0.47 -26.03
N.E_GEN_SANDY PD 24062	27.01 0.81 -2.30	25.63 0.58 -7.92	25.59 0.56 -8.61	25.38 0.41 -12.81	25.70 0.62 -6.88	27.53 0.98 0.00	39.80 1.38 -1.98	43.80 1.51 -2.42	35.82 1.23 -0.38	28.80 0.90 0.38	26.41 0.69 0.00	25.14 0.78 0.00	24.10 0.75 0.00	24.61 0.88 0.00	25.81 0.90 0.00	28.44 0.94 0.00	34.55 1.35 -1.15	44.74 1.39 -9.37	40.80 1.24 -8.58	34.95 0.94 -9.96	33.40 0.68 -14.23	30.59 0.39 -19.30	28.13 0.25 -21.21	27.00 0.20 -21.21
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	27.20 1.31 -1.99	24.90 0.92 -6.85	24.76 0.89 -7.45	23.91 0.67 -11.09	25.10 0.95 -5.96	27.93 1.38 0.00	40.15 2.00 -1.71	44.27 2.31 -2.09	36.20 1.98 0.00	30.02 1.75 0.00	27.28 1.57 0.00	25.92 1.56 0.00	24.82 1.47 0.00	25.28 1.54 0.00	26.51 1.59 0.00	29.18 1.68 0.00	35.16 2.12 -0.99	44.32 2.24 -8.10	40.50 2.11 -7.42	34.25 1.59 -8.61	31.95 1.16 -12.30	28.26 0.69 -16.68	25.40 0.40 -18.33	24.24 0.32 -18.33
N.QUEENS_27_KV_LOAD 356247	27.70 1.74 -2.06	25.46 1.27 -7.07	25.31 1.20 -7.69	24.49 0.90 -11.44	25.63 1.29 -6.15	28.25 1.70 0.00	40.10 1.89 -1.77	44.22 2.19 -2.16	36.23 2.02 0.00	30.22 1.95 0.00	27.49 1.77 0.00	26.14 1.78 0.00	25.10 1.75 0.00	25.52 1.78 0.00	26.74 1.82 0.00	29.35 1.84 0.00	35.35 2.28 -1.03	44.58 2.24 -8.36	40.83 2.20 -7.66	34.64 1.71 -8.88	32.40 1.22 -12.69	28.85 0.74 -17.21	26.07 0.48 -18.92	24.93 0.42 -18.92
N.TROY___115KV_TB1 355778	27.24 0.84 -2.51	26.37 0.60 -8.64	26.39 0.57 -9.39	26.56 0.43 -13.98	26.36 0.65 -7.51	27.61 1.06 0.00	40.13 1.53 -2.16	44.10 1.59 -2.64	35.51 1.30 0.00	29.18 0.90 0.00	26.38 0.67 0.00	25.02 0.66 0.00	24.01 0.65 0.00	24.50 0.76 0.00	25.74 0.82 0.00	28.41 0.91 0.00	34.52 1.22 -1.25	45.51 1.33 -10.21	41.51 1.18 -9.36	35.80 0.89 -10.86	34.62 0.63 -15.51	32.30 0.37 -21.03	30.02 0.23 -23.12	28.89 0.18 -23.12
NARROWS_GT1_1 24228	27.67 1.72 -2.06	25.41 1.22 -7.07	25.26 1.15 -7.69	24.46 0.86 -11.44	25.58 1.24 -6.15	28.22 1.67 0.00	40.43 2.22 -1.77	44.54 2.51 -2.16	36.51 2.29 0.00	30.42 2.15 0.00	27.67 1.95 0.00	26.28 1.92 0.00	25.20 1.84 0.00	25.66 1.92 0.00	26.91 1.99 0.00	29.54 2.04 0.00	35.67 2.59 -1.03	44.89 2.55 -8.37	41.12 2.48 -7.66	34.87 1.92 -8.89	32.54 1.35 -12.71	28.98 0.85 -17.23	26.13 0.52 -18.94	24.96 0.42 -18.94
NARROWS_GT1_2 24229	27.67 1.72 -2.06	25.41 1.22 -7.07	25.26 1.15 -7.69	24.46 0.86 -11.44	25.58 1.24 -6.15	28.22 1.67 0.00	40.43 2.22 -1.77	44.54 2.51 -2.16	36.51 2.29 0.00	30.42 2.15 0.00	27.67 1.95 0.00	26.28 1.92 0.00	25.20 1.84 0.00	25.66 1.92 0.00	26.91 1.99 0.00	29.54 2.04 0.00	35.67 2.59 -1.03	44.89 2.55 -8.37	41.12 2.48 -7.66	34.87 1.92 -8.89	32.54 1.35 -12.71	28.98 0.85 -17.23	26.13 0.52 -18.94	24.96 0.42 -18.94
NARROWS_GT1_3 24230	27.67 1.72 -2.06	25.41 1.22 -7.07	25.26 1.15 -7.69	24.46 0.86 -11.44	25.58 1.24 -6.15	28.22 1.67 0.00	40.43 2.22 -1.77	44.54 2.51 -2.16	36.51 2.29 0.00	30.42 2.15 0.00	27.67 1.95 0.00	26.28 1.92 0.00	25.20 1.84 0.00	25.66 1.92 0.00	26.91 1.99 0.00	29.54 2.04 0.00	35.67 2.59 -1.03	44.89 2.55 -8.37	41.12 2.48 -7.66	34.87 1.92 -8.89	32.54 1.35 -12.71	28.98 0.85 -17.23	26.13 0.52 -18.94	24.96 0.42 -18.94
NARROWS_GT1_4 24231	27.67 1.72 -2.06	25.41 1.22 -7.07	25.26 1.15 -7.69	24.46 0.86 -11.44	25.58 1.24 -6.15	28.22 1.67 0.00	40.43 2.22 -1.77	44.54 2.51 -2.16	36.51 2.29 0.00	30.42 2.15 0.00	27.67 1.95 0.00	26.28 1.92 0.00	25.20 1.84 0.00	25.66 1.92 0.00	26.91 1.99 0.00	29.54 2.04 0.00	35.67 2.59 -1.03	44.89 2.55 -8.37	41.12 2.48 -7.66	34.87 1.92 -8.89	32.54 1.35 -12.71	28.98 0.85 -17.23	26.13 0.52 -18.94	24.96 0.42 -18.94
NARROWS_GT1_5 24232	27.67 1.72 -2.06	25.41 1.22 -7.07	25.26 1.15 -7.69	24.46 0.86 -11.44	25.58 1.24 -6.15	28.22 1.67 0.00	40.43 2.22 -1.77	44.54 2.51 -2.16	36.51 2.29 0.00	30.42 2.15 0.00	27.67 1.95 0.00	26.28 1.92 0.00	25.20 1.84 0.00	25.66 1.92 0.00	26.91 1.99 0.00	29.54 2.04 0.00	35.67 2.59 -1.03	44.89 2.55 -8.37	41.12 2.48 -7.66	34.87 1.92 -8.89	32.54 1.35 -12.71	28.98 0.85 -17.23	26.13 0.52 -18.94	24.96 0.42 -18.94
NARROWS_GT1_6 24233	27.67 1.72 -2.06	25.41 1.22 -7.07	25.26 1.15 -7.69	24.46 0.86 -11.44	25.58 1.24 -6.15	28.22 1.67 0.00	40.43 2.22 -1.77	44.54 2.51 -2.16	36.51 2.29 0.00	30.42 2.15 0.00	27.67 1.95 0.00	26.28 1.92 0.00	25.20 1.84 0.00	25.66 1.92 0.00	26.91 1.99 0.00	29.54 2.04 0.00	35.67 2.59 -1.03	44.89 2.55 -8.37	41.12 2.48 -7.66	34.87 1.92 -8.89	32.54 1.35 -12.71	28.98 0.85 -17.23	26.13 0.52 -18.94	24.96 0.42 -18.94
NARROWS_GT1_7 24234	27.67 1.72 -2.06	25.41 1.22 -7.07	25.26 1.15 -7.69	24.46 0.86 -11.44	25.58 1.24 -6.15	28.22 1.67 0.00	40.43 2.22 -1.77	44.54 2.51 -2.16	36.51 2.29 0.00	30.42 2.15 0.00	27.67 1.95 0.00	26.28 1.92 0.00	25.20 1.84 0.00	25.66 1.92 0.00	26.91 1.99 0.00	29.54 2.04 0.00	35.67 2.59 -1.03	44.89 2.55 -8.37	41.12 2.48 -7.66	34.87 1.92 -8.89	32.54 1.35 -12.71	28.98 0.85 -17.23	26.13 0.52 -18.94	24.96 0.42 -18.94
NARROWS_GT1_8 24235	27.67 1.72 -2.06	25.41 1.22 -7.07	25.26 1.15 -7.69	24.46 0.86 -11.44	25.58 1.24 -6.15	28.22 1.67 0.00	40.43 2.22 -1.77	44.54 2.51 -2.16	36.51 2.29 0.00	30.42 2.15 0.00	27.67 1.95 0.00	26.28 1.92 0.00	25.20 1.84 0.00	25.66 1.92 0.00	26.91 1.99 0.00	29.54 2.04 0.00	35.67 2.59 -1.03	44.89 2.55 -8.37	41.12 2.48 -7.66	34.87 1.92 -8.89	32.54 1.35 -12.71	28.98 0.85 -17.23	26.13 0.52 -18.94	24.96 0.42 -18.94
NARROWS_GT2_1 24236	27.67 1.72 -2.06	25.41 1.22 -7.07	25.26 1.15 -7.69	24.46 0.86 -11.44	25.58 1.24 -6.15	28.22 1.67 0.00	40.43 2.22 -1.77	44.54 2.51 -2.16	36.51 2.29 0.00	30.42 2.15 0.00	27.67 1.95 0.00	26.28 1.92 0.00	25.20 1.84 0.00	25.66 1.92 0.00	26.91 1.99 0.00	29.54 2.04 0.00	35.67 2.59 -1.03	44.89 2.55 -8.37	41.12 2.48 -7.66	34.87 1.92 -8.89	32.54 1.35 -12.71	28.98 0.85 -17.23	26.13 0.52 -18.94	24.96 0.42 -18.94

NARROWS_GT2_2 24237	27.67 1.72 -2.06	25.41 1.22 -7.07	25.26 1.15 -7.69	24.46 0.86 -11.44	25.58 1.24 -6.15	28.22 1.67 0.00	40.43 2.22 -1.77	44.54 2.51 -2.16	36.51 2.29 0.00	30.42 2.15 0.00	27.67 1.95 0.00	26.28 1.92 0.00	25.20 1.84 0.00	25.66 1.92 0.00	26.91 1.99 0.00	29.54 2.04 0.00	35.67 2.59 -1.03	44.89 2.55 -8.37	41.12 2.48 -7.66	34.87 1.92 -8.89	32.54 1.35 -12.71	28.98 0.85 -17.23	26.13 0.52 -18.94	24.96 0.42 -18.94
NARROWS_GT2_3 24238	27.67 1.72 -2.06	25.41 1.22 -7.07	25.26 1.15 -7.69	24.46 0.86 -11.44	25.58 1.24 -6.15	28.22 1.67 0.00	40.43 2.22 -1.77	44.54 2.51 -2.16	36.51 2.29 0.00	30.42 2.15 0.00	27.67 1.95 0.00	26.28 1.92 0.00	25.20 1.84 0.00	25.66 1.92 0.00	26.91 1.99 0.00	29.54 2.04 0.00	35.67 2.59 -1.03	44.89 2.55 -8.37	41.12 2.48 -7.66	34.87 1.92 -8.89	32.54 1.35 -12.71	28.98 0.85 -17.23	26.13 0.52 -18.94	24.96 0.42 -18.94
NARROWS_GT2_4 24239	27.67 1.72 -2.06	25.41 1.22 -7.07	25.26 1.15 -7.69	24.46 0.86 -11.44	25.58 1.24 -6.15	28.22 1.67 0.00	40.43 2.22 -1.77	44.54 2.51 -2.16	36.51 2.29 0.00	30.42 2.15 0.00	27.67 1.95 0.00	26.28 1.92 0.00	25.20 1.84 0.00	25.66 1.92 0.00	26.91 1.99 0.00	29.54 2.04 0.00	35.67 2.59 -1.03	44.89 2.55 -8.37	41.12 2.48 -7.66	34.87 1.92 -8.89	32.54 1.35 -12.71	28.98 0.85 -17.23	26.13 0.52 -18.94	24.96 0.42 -18.94
NARROWS_GT2_5 24240	27.67 1.72 -2.06	25.41 1.22 -7.07	25.26 1.15 -7.69	24.46 0.86 -11.44	25.58 1.24 -6.15	28.22 1.67 0.00	40.43 2.22 -1.77	44.54 2.51 -2.16	36.51 2.29 0.00	30.42 2.15 0.00	27.67 1.95 0.00	26.28 1.92 0.00	25.20 1.84 0.00	25.66 1.92 0.00	26.91 1.99 0.00	29.54 2.04 0.00	35.67 2.59 -1.03	44.89 2.55 -8.37	41.12 2.48 -7.66	34.87 1.92 -8.89	32.54 1.35 -12.71	28.98 0.85 -17.23	26.13 0.52 -18.94	24.96 0.42 -18.94
NARROWS_GT2_6 24241	27.67 1.72 -2.06	25.41 1.22 -7.07	25.26 1.15 -7.69	24.46 0.86 -11.44	25.58 1.24 -6.15	28.22 1.67 0.00	40.43 2.22 -1.77	44.54 2.51 -2.16	36.51 2.29 0.00	30.42 2.15 0.00	27.67 1.95 0.00	26.28 1.92 0.00	25.20 1.84 0.00	25.66 1.92 0.00	26.91 1.99 0.00	29.54 2.04 0.00	35.67 2.59 -1.03	44.89 2.55 -8.37	41.12 2.48 -7.66	34.87 1.92 -8.89	32.54 1.35 -12.71	28.98 0.85 -17.23	26.13 0.52 -18.94	24.96 0.42 -18.94
NARROWS_GT2_7 24242	27.67 1.72 -2.06	25.41 1.22 -7.07	25.26 1.15 -7.69	24.46 0.86 -11.44	25.58 1.24 -6.15	28.22 1.67 0.00	40.43 2.22 -1.77	44.54 2.51 -2.16	36.51 2.29 0.00	30.42 2.15 0.00	27.67 1.95 0.00	26.28 1.92 0.00	25.20 1.84 0.00	25.66 1.92 0.00	26.91 1.99 0.00	29.54 2.04 0.00	35.67 2.59 -1.03	44.89 2.55 -8.37	41.12 2.48 -7.66	34.87 1.92 -8.89	32.54 1.35 -12.71	28.98 0.85 -17.23	26.13 0.52 -18.94	24.96 0.42 -18.94
NARROWS_GT2_8 24243	27.67 1.72 -2.06	25.41 1.22 -7.07	25.26 1.15 -7.69	24.46 0.86 -11.44	25.58 1.24 -6.15	28.22 1.67 0.00	40.43 2.22 -1.77	44.54 2.51 -2.16	36.51 2.29 0.00	30.42 2.15 0.00	27.67 1.95 0.00	26.28 1.92 0.00	25.20 1.84 0.00	25.66 1.92 0.00	26.91 1.99 0.00	29.54 2.04 0.00	35.67 2.59 -1.03	44.89 2.55 -8.37	41.12 2.48 -7.66	34.87 1.92 -8.89	32.54 1.35 -12.71	28.98 0.85 -17.23	26.13 0.52 -18.94	24.96 0.42 -18.94
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	27.46 1.19 -2.37	26.12 0.86 -8.14	26.11 0.84 -8.85	25.91 0.58 -13.17	26.24 0.96 -7.08	27.98 1.43 0.00	40.58 2.11 -2.03	44.47 2.11 -2.49	35.82 1.61 0.00	29.20 0.93 0.00	26.33 0.62 0.00	24.87 0.51 0.00	23.87 0.51 0.00	24.31 0.57 0.00	25.61 0.70 0.00	28.41 0.91 0.00	34.64 1.41 -1.18	45.50 1.90 -9.62	41.40 1.61 -8.81	35.43 1.15 -10.23	33.84 0.74 -14.61	31.14 0.43 -19.81	28.69 0.24 -21.78	27.54 0.18 -21.78
NCHELSEA_115KV_TR2 355582	27.33 1.36 -2.07	25.20 0.94 -7.13	25.08 0.90 -7.75	24.37 0.68 -11.54	25.36 0.96 -6.20	27.96 1.41 0.00	40.22 2.00 -1.78	44.36 2.31 -2.18	36.16 1.95 0.00	29.91 1.64 0.00	27.13 1.41 0.00	25.75 1.39 0.00	24.64 1.28 0.00	25.07 1.33 0.00	26.31 1.40 0.00	28.99 1.49 0.00	35.04 1.96 -1.03	44.58 2.17 -8.43	40.65 1.95 -7.72	34.48 1.47 -8.96	32.34 1.05 -12.80	28.88 0.62 -17.36	26.13 0.37 -19.08	24.97 0.30 -19.08
NEG CAPITAL___MECHNVIL 23645	27.75 1.31 -2.54	26.79 0.92 -8.74	26.82 0.90 -9.50	26.96 0.67 -14.14	26.81 1.02 -7.60	28.20 1.65 0.00	41.06 2.44 -2.18	45.05 2.51 -2.67	36.23 2.02 0.00	29.71 1.44 0.00	26.87 1.16 0.00	25.41 1.05 0.00	24.38 1.03 0.00	24.85 1.12 0.00	26.14 1.22 0.00	28.91 1.40 0.00	35.12 1.79 -1.27	46.34 2.00 -10.36	42.27 1.80 -9.49	36.39 1.32 -11.02	35.19 0.96 -15.74	32.80 0.56 -21.34	30.48 0.35 -23.46	29.33 0.28 -23.46
NEG CENTRAL_HIGH_ACRES 23767	24.05 -0.31 -0.47	18.51 -0.22 -1.61	17.98 -0.20 -1.75	14.60 -0.16 -2.60	19.39 -0.20 -1.40	26.07 -0.48 0.00	36.00 -0.84 -0.40	39.28 -1.07 -0.49	33.46 -0.75 0.00	27.79 -0.48 0.00	25.33 -0.39 0.00	23.82 -0.54 0.00	22.89 -0.47 0.00	23.17 -0.57 0.00	24.32 -0.60 0.00	26.90 -0.61 0.00	31.10 -1.19 -0.23	34.76 -1.12 -1.90	31.66 -1.05 -1.74	25.33 -0.75 -2.02	20.91 -0.46 -2.89	14.51 -0.31 -3.92	10.81 -0.17 -4.31	9.80 -0.10 -4.31
NEG CENTRAL___DRP 24199	24.71 0.33 -0.48	19.05 0.26 -1.67	18.48 0.25 -1.81	15.02 0.17 -2.70	19.93 0.29 -1.45	27.03 0.48 0.00	37.33 0.47 -0.42	40.73 0.36 -0.51	34.83 0.62 0.00	28.81 0.54 0.00	26.25 0.54 0.00	24.72 0.37 0.00	23.73 0.37 0.00	24.04 0.31 0.00	25.24 0.32 0.00	27.92 0.41 0.00	32.39 0.10 -0.24	36.12 0.17 -1.97	33.00 0.22 -1.81	26.36 0.22 -2.09	21.66 0.18 -2.99	15.05 0.10 -4.06	11.19 0.06 -4.46	10.12 0.07 -4.46
NEG CENTRAL___INDECK 23768	25.29 0.81 -0.58	19.70 0.58 -2.00	19.18 0.59 -2.17	15.81 0.43 -3.23	20.64 0.71 -1.73	27.61 1.06 0.00	38.07 1.13 -0.50	41.55 1.08 -0.61	35.48 1.27 0.00	29.34 1.07 0.00	26.72 1.00 0.00	25.04 0.68 0.00	24.05 0.70 0.00	24.28 0.55 0.00	25.46 0.55 0.00	28.25 0.74 0.00	32.44 0.10 -0.29	36.78 0.44 -2.36	33.54 0.40 -2.16	26.90 0.34 -2.51	22.42 0.35 -3.58	15.91 0.15 -4.86	12.12 0.11 -5.34	11.08 0.15 -5.34
NEG CENTRAL___SENECA 23627	24.91 0.50 -0.52	19.27 0.38 -1.77	18.72 0.36 -1.93	15.29 0.27 -2.87	20.17 0.44 -1.54	27.27 0.72 0.00	37.64 0.77 -0.44	41.01 0.60 -0.54	35.17 0.96 0.00	29.12 0.85 0.00	26.54 0.82 0.00	24.94 0.58 0.00	23.94 0.58 0.00	24.26 0.52 0.00	25.46 0.55 0.00	28.17 0.66 0.00	32.56 0.26 -0.26	36.34 0.27 -2.10	33.30 0.40 -1.92	26.64 0.36 -2.23	21.94 0.28 -3.18	15.37 0.15 -4.32	11.50 0.09 -4.75	10.44 0.11 -4.75
NEG CENTRAL___STATE_STREET 24147	24.71 0.33 -0.48	19.00 0.24 -1.64	18.44 0.23 -1.78	14.96 0.15 -2.66	19.88 0.25 -1.43	26.95 0.40 0.00	37.25 0.40 -0.41	40.81 0.44 -0.50	34.73 0.51 0.00	28.69 0.42 0.00	26.13 0.41 0.00	24.65 0.29 0.00	23.63 0.28 0.00	23.97 0.24 0.00	25.19 0.27 0.00	27.84 0.33 0.00	32.45 0.16 -0.24	36.43 0.51 -1.94	33.03 0.28 -1.78	26.40 0.29 -2.06	21.65 0.22 -2.95	15.01 0.12 -4.00	11.13 0.07 -4.39	10.05 0.07 -4.39

NEG MILLWOOD___DRP 24198	27.44 1.46 -2.09	25.31 1.01 -7.18	25.18 0.95 -7.80	24.49 0.73 -11.61	25.45 1.02 -6.24	28.09 1.54 0.00	40.42 2.19 -1.79	44.61 2.55 -2.19	36.47 2.26 0.00	30.16 1.89 0.00	27.36 1.65 0.00	25.97 1.61 0.00	24.75 1.40 0.00	25.21 1.47 0.00	26.41 1.49 0.00	29.16 1.65 0.00	35.21 2.12 -1.04	44.87 2.41 -8.48	40.91 2.17 -7.77	34.68 1.61 -9.02	32.53 1.16 -12.88	29.05 0.69 -17.47	26.27 0.40 -19.20	25.11 0.32 -19.20
NEG NORTH_FLCN_SEA 23793	0.01 -4.23 19.66	0.47 -2.98 13.68	0.66 -2.86 12.91	10.55 -2.05 -0.45	11.70 -3.38 3.11	21.90 -4.65 0.00	31.91 -4.59 -0.07	35.45 -4.50 -0.08	30.31 -3.90 0.00	24.88 -3.39 0.00	22.81 -2.91 0.00	21.80 -2.56 0.00	20.85 -2.50 0.00	20.72 -3.01 0.00	21.98 -2.94 0.00	24.48 -3.03 0.00	29.17 -2.92 -0.04	31.21 -3.09 -0.33	28.49 -2.79 -0.30	21.34 -3.05 -0.35	2.64 -2.29 13.55	1.03 -1.45 8.42	0.61 -0.91 5.15	0.21 -0.80 4.57
NEG NORTH_KES_CHATEGAY 23792	0.28 -4.28 19.33	0.65 -3.03 13.44	0.85 -2.89 12.68	10.52 -2.09 -0.46	11.73 -3.42 3.05	21.85 -4.70 0.00	31.84 -4.66 -0.07	35.33 -4.62 -0.09	30.18 -4.04 0.00	24.77 -3.51 0.00	22.71 -3.01 0.00	21.70 -2.66 0.00	20.76 -2.59 0.00	20.65 -3.09 0.00	21.90 -3.01 0.00	24.40 -3.11 0.00	29.08 -3.01 -0.04	31.08 -3.23 -0.34	28.15 -3.13 -0.31	21.09 -3.32 -0.36	2.65 -2.51 13.32	1.07 -1.57 8.26	0.66 -0.97 5.04	0.26 -0.86 4.47
NEG NORTH___ALICE_FALLS 23915	0.11 -4.18 19.61	0.52 -2.96 13.64	0.71 -2.84 12.87	10.55 -2.05 -0.45	11.71 -3.38 3.10	21.90 -4.65 0.00	31.95 -4.55 -0.07	35.49 -4.46 -0.08	30.35 -3.87 0.00	24.91 -3.36 0.00	22.83 -2.88 0.00	21.83 -2.53 0.00	20.85 -2.50 0.00	20.72 -3.01 0.00	21.98 -2.94 0.00	24.48 -3.03 0.00	29.21 -2.88 -0.04	31.25 -3.06 -0.33	28.43 -2.85 -0.30	21.27 -3.13 -0.35	2.64 -2.33 13.51	1.03 -1.47 8.39	0.62 -0.91 5.13	0.23 -0.81 4.55
NEG NORTH___LWR_SARANAC 23913	0.11 -4.18 19.61	0.52 -2.96 13.64	0.71 -2.84 12.87	10.55 -2.05 -0.45	11.71 -3.38 3.10	21.90 -4.65 0.00	31.95 -4.55 -0.07	35.49 -4.46 -0.08	30.35 -3.87 0.00	24.91 -3.36 0.00	22.83 -2.88 0.00	21.83 -2.53 0.00	20.85 -2.50 0.00	20.72 -3.01 0.00	21.98 -2.94 0.00	24.48 -3.03 0.00	29.21 -2.88 -0.04	31.25 -3.06 -0.33	28.43 -2.85 -0.30	21.27 -3.13 -0.35	2.64 -2.33 13.51	1.03 -1.47 8.39	0.62 -0.91 5.13	0.23 -0.81 4.55
NEG NORTH___PLATTSBURG 23628	0.16 -4.13 19.61	0.52 -2.96 13.64	0.71 -2.84 12.87	10.55 -2.05 -0.45	11.71 -3.38 3.10	21.90 -4.65 0.00	31.95 -4.56 -0.07	35.49 -4.46 -0.08	30.35 -3.87 0.00	24.91 -3.36 0.00	22.76 -2.96 0.00	21.83 -2.53 0.00	20.85 -2.50 0.00	20.72 -3.01 0.00	21.98 -2.94 0.00	24.48 -3.03 0.00	29.21 -2.88 -0.04	31.25 -3.06 -0.33	28.43 -2.85 -0.30	21.27 -3.13 -0.35	2.49 -2.33 13.66	0.93 -1.47 8.49	0.56 -0.91 5.20	0.17 -0.81 4.61
NEG WEST_LEA_LOCKPORT 23791	24.43 0.00 -0.54	18.98 0.00 -1.85	18.47 0.03 -2.01	15.16 0.01 -3.00	19.86 0.05 -1.61	26.47 -0.08 0.00	35.92 -0.98 -0.46	38.96 -1.48 -0.57	33.70 -0.51 0.00	28.16 -0.11 0.00	25.79 0.08 0.00	24.24 -0.12 0.00	23.33 -0.02 0.00	23.52 -0.21 0.00	24.64 -0.27 0.00	27.23 -0.28 0.00	30.49 -1.83 -0.27	34.40 -1.77 -2.19	31.37 -1.61 -2.01	25.35 -1.03 -2.33	21.20 -0.61 -3.33	15.07 -0.34 -4.51	11.47 -0.15 -4.96	10.54 -0.01 -4.96
NEG WEST___LANCASTR 23811	24.14 -0.33 -0.58	18.85 -0.26 -1.98	18.36 -0.21 -2.15	15.20 -0.16 -3.20	19.68 -0.24 -1.72	27.16 0.61 0.00	35.73 -1.20 -0.49	38.96 -1.51 -0.60	34.66 0.44 0.00	28.92 0.65 0.00	26.51 0.80 0.00	24.94 0.58 0.00	23.98 0.63 0.00	24.21 0.47 0.00	25.36 0.45 0.00	28.03 0.52 0.00	30.58 -1.76 -0.29	34.58 -1.73 -2.34	31.54 -1.58 -2.14	25.43 -1.11 -2.49	21.32 -0.72 -3.55	15.29 -0.43 -4.82	11.74 -0.23 -5.30	10.79 -0.10 -5.30
NEG_PENN_ALLEGHNY 23528	25.32 0.53 -0.90	20.59 0.38 -3.09	20.14 0.36 -3.36	17.42 0.27 -5.00	21.28 0.40 -2.69	27.27 0.72 0.00	37.94 0.73 -0.77	41.61 0.80 -0.94	35.14 0.92 0.00	29.09 0.82 0.00	26.49 0.77 0.00	25.02 0.66 0.00	23.98 0.63 0.00	24.35 0.62 0.00	25.56 0.65 0.00	28.25 0.74 0.00	32.98 0.48 -0.45	38.17 0.54 -3.65	34.85 0.53 -3.35	28.39 0.46 -3.88	24.38 0.35 -5.55	18.63 0.21 -7.52	15.07 0.13 -8.27	13.98 0.12 -8.27
NEG___GEN_MONROE 24207	24.91 0.53 -0.49	19.21 0.41 -1.68	18.68 0.43 -1.82	15.17 0.30 -2.71	20.14 0.49 -1.46	27.19 0.64 0.00	37.22 0.36 -0.42	40.50 0.12 -0.51	34.83 0.62 0.00	28.89 0.62 0.00	26.36 0.64 0.00	24.70 0.34 0.00	23.73 0.37 0.00	23.95 0.21 0.00	25.12 0.20 0.00	27.78 0.28 0.00	31.69 -0.61 -0.24	36.06 0.10 -1.98	32.39 -0.40 -1.82	25.92 -0.24 -2.11	21.46 -0.04 -3.01	14.93 -0.05 -4.08	11.16 0.01 -4.49	10.17 0.09 -4.49
NEPA___ENERGY 23901	24.93 0.45 -0.58	19.45 0.33 -2.00	18.95 0.34 -2.18	15.64 0.24 -3.24	20.32 0.38 -1.74	27.40 0.85 0.00	36.94 0.00 -0.50	40.24 -0.24 -0.61	35.03 0.82 0.00	29.26 0.99 0.00	26.82 1.11 0.00	25.24 0.88 0.00	24.29 0.93 0.00	24.50 0.76 0.00	25.66 0.75 0.00	28.33 0.83 0.00	31.57 -0.77 -0.29	35.70 -0.65 -2.37	32.49 -0.65 -2.17	26.21 -0.36 -2.52	21.91 -0.17 -3.60	15.69 -0.09 -4.88	12.01 -0.02 -5.36	11.03 0.08 -5.36
NEVERSINK___HYD 23608	26.96 1.17 -1.90	24.43 0.79 -6.52	24.27 0.76 -7.09	23.27 0.57 -10.55	24.68 0.82 -5.67	27.69 1.14 0.00	39.74 1.68 -1.63	43.81 1.95 -1.99	35.82 1.61 0.00	29.60 1.33 0.00	26.87 1.16 0.00	25.50 1.15 0.00	23.61 0.26 0.00	24.02 0.29 0.00	25.19 0.27 0.00	27.84 0.33 0.00	33.67 0.67 -0.94	42.66 0.99 -7.70	38.77 0.74 -7.06	32.77 0.53 -8.19	31.07 0.89 -11.70	27.29 0.53 -15.86	24.41 0.31 -17.44	23.26 0.24 -17.43
NEWKRMKL_115KV_TB1 55635	26.78 0.38 -2.50	26.03 0.31 -8.60	26.07 0.30 -9.34	26.26 0.19 -13.91	26.01 0.35 -7.47	27.08 0.53 0.00	39.31 0.73 -2.15	43.25 0.76 -2.63	34.80 0.58 0.00	28.72 0.45 0.00	26.02 0.31 0.00	24.70 0.34 0.00	23.70 0.35 0.00	24.16 0.43 0.00	25.39 0.47 0.00	27.97 0.47 0.00	34.00 0.71 -1.25	44.88 0.75 -10.16	40.96 0.68 -9.31	35.33 0.48 -10.80	34.23 0.31 -15.43	32.01 0.19 -20.92	29.78 0.11 -23.00	28.67 0.08 -23.00
NEWTON___FALLS_HYD 23847	11.03 -2.05 10.81	8.36 -1.51 7.25	8.13 -1.49 6.80	11.84 -1.11 -0.79	14.98 -1.78 1.43	24.11 -2.44 0.00	34.34 -2.22 -0.12	37.78 -2.23 -0.15	32.02 -2.19 0.00	26.24 -2.04 0.00	23.97 -1.75 0.00	22.73 -1.63 0.00	21.67 -1.68 0.00	21.74 -1.99 0.00	22.95 -1.97 0.00	25.58 -1.93 0.00	30.36 -1.76 -0.07	32.65 -1.90 -0.58	29.80 -1.70 -0.53	22.86 -1.80 -0.61	10.11 -1.37 7.00	6.16 -0.83 3.91	4.15 -0.52 2.00	3.46 -0.46 1.67
NGRID_A1_DSASP 323792	24.03 -0.41 -0.54	18.72 -0.26 -1.85	18.22 -0.21 -2.01	14.98 -0.17 -2.99	19.59 -0.22 -1.61	25.89 -0.66 0.00	35.15 -1.75 -0.46	38.08 -2.35 -0.57	32.84 -1.37 0.00	27.48 -0.79 0.00	25.17 -0.54 0.00	23.68 -0.68 0.00	22.82 -0.54 0.00	23.00 -0.74 0.00	24.07 -0.85 0.00	26.57 -0.94 0.00	29.82 -2.50 -0.27	33.62 -2.55 -2.19	30.72 -2.26 -2.01	24.77 -1.61 -2.33	20.83 -0.98 -3.32	14.85 -0.56 -4.51	11.34 -0.27 -4.93	10.44 -0.10 -4.95

NGRID_A2_DSASP 323793	24.03 -0.41 -0.54	18.72 -0.26 -1.85	18.22 -0.21 -2.01	14.98 -0.17 -2.99	19.59 -0.22 -1.61	25.89 -0.66 0.00	35.15 -1.75 -0.46	38.08 -2.35 -0.57	32.84 -1.37 0.00	27.48 -0.79 0.00	25.17 -0.54 0.00	23.68 -0.68 0.00	22.82 -0.54 0.00	23.00 -0.74 0.00	24.07 -0.85 0.00	26.57 -0.94 0.00	29.82 -2.50 -0.27	33.62 -2.55 -2.19	30.72 -2.26 -2.01	24.77 -1.61 -2.33	20.83 -0.98 -3.32	14.85 -0.56 -4.51	11.34 -0.27 -4.93	10.44 -0.10 -4.95
NGRID_A4_DSASP 323807	24.03 -0.41 -0.54	18.72 -0.26 -1.85	18.22 -0.21 -2.01	14.98 -0.17 -2.99	19.59 -0.22 -1.61	25.89 -0.66 0.00	35.15 -1.75 -0.46	38.08 -2.35 -0.57	32.84 -1.37 0.00	27.48 -0.79 0.00	25.17 -0.54 0.00	23.68 -0.68 0.00	22.82 -0.54 0.00	23.00 -0.74 0.00	24.07 -0.85 0.00	26.57 -0.94 0.00	29.82 -2.50 -0.27	33.62 -2.55 -2.19	30.72 -2.26 -2.01	24.77 -1.61 -2.33	20.83 -0.98 -3.32	14.85 -0.56 -4.51	11.34 -0.27 -4.93	10.44 -0.10 -4.95
NIAGARA_115E_LBMP 323715	24.05 -0.38 -0.54	18.69 -0.29 -1.86	18.20 -0.25 -2.02	14.97 -0.19 -3.01	19.56 -0.25 -1.62	25.97 -0.58 0.00	35.26 -1.64 -0.47	38.20 -2.23 -0.57	33.02 -1.20 0.00	27.59 -0.68 0.00	25.28 -0.44 0.00	23.77 -0.58 0.00	22.91 -0.44 0.00	23.10 -0.64 0.00	24.17 -0.75 0.00	26.68 -0.82 0.00	29.88 -2.44 -0.27	33.66 -2.51 -2.20	30.76 -2.23 -2.02	24.83 -1.56 -2.34	20.88 -0.94 -3.34	14.88 -0.54 -4.53	11.38 -0.27 -4.98	10.47 -0.10 -4.98
NIAGARA_115W_LBMP 323714	23.95 -0.48 -0.54	18.68 -0.29 -1.85	18.19 -0.25 -2.01	14.95 -0.19 -2.99	19.53 -0.27 -1.61	25.81 -0.74 0.00	35.04 -1.86 -0.46	37.96 -2.47 -0.57	32.74 -1.47 0.00	27.39 -0.88 0.00	25.10 -0.62 0.00	23.60 -0.76 0.00	22.75 -0.61 0.00	22.93 -0.81 0.00	23.99 -0.92 0.00	26.49 -1.02 0.00	29.72 -2.60 -0.27	33.51 -2.65 -2.19	30.65 -2.32 -2.00	24.69 -1.68 -2.32	20.77 -1.03 -3.32	14.81 -0.59 -4.50	11.32 -0.28 -4.93	10.42 -0.12 -4.95
NIAGARA_230_LBMP 323716	24.24 -0.19 -0.53	18.80 -0.15 -1.83	18.32 -0.10 -1.99	15.02 -0.10 -2.97	19.68 -0.11 -1.59	26.15 -0.40 0.00	35.51 -1.38 -0.46	38.43 -1.99 -0.56	33.22 -0.99 0.00	27.79 -0.48 0.00	25.43 -0.28 0.00	23.92 -0.44 0.00	23.05 -0.30 0.00	23.26 -0.47 0.00	24.34 -0.57 0.00	26.84 -0.66 0.00	30.11 -2.21 -0.27	33.90 -2.24 -2.17	31.01 -1.95 -1.99	25.03 -1.32 -2.30	21.00 -0.78 -3.29	14.93 -0.44 -4.46	11.38 -0.19 -4.91	10.45 -0.05 -4.91
NIAGARA__115KV_198_GIBSON 55903	23.95 -0.48 -0.54	18.68 -0.29 -1.85	18.19 -0.25 -2.01	14.94 -0.21 -2.99	19.53 -0.27 -1.61	25.81 -0.74 0.00	35.04 -1.86 -0.46	37.96 -2.47 -0.57	32.74 -1.47 0.00	27.39 -0.88 0.00	25.10 -0.62 0.00	23.60 -0.76 0.00	22.75 -0.61 0.00	22.93 -0.81 0.00	23.99 -0.92 0.00	26.49 -1.02 0.00	29.72 -2.60 -0.27	33.54 -2.62 -2.19	30.65 -2.32 -2.00	24.84 -1.54 -2.32	20.77 -1.04 -3.32	14.83 -0.57 -4.50	11.32 -0.28 -4.93	10.42 -0.12 -4.95
NIAGARA____ 23760	24.24 -0.19 -0.54	18.82 -0.15 -1.86	18.34 -0.10 -2.02	15.06 -0.10 -3.00	19.70 -0.11 -1.61	26.15 -0.40 0.00	35.51 -1.38 -0.46	38.44 -1.99 -0.56	33.22 -0.99 0.00	27.79 -0.48 0.00	25.43 -0.28 0.00	23.92 -0.44 0.00	23.05 -0.30 0.00	23.26 -0.47 0.00	24.34 -0.57 0.00	26.84 -0.66 0.00	30.11 -2.21 -0.27	33.92 -2.24 -2.18	31.02 -1.95 -2.00	25.05 -1.32 -2.32	21.03 -0.78 -3.32	14.97 -0.44 -4.51	11.42 -0.19 -4.95	10.50 -0.05 -4.96
NINE_MILE_1 23575	23.74 -0.48 -0.32	17.88 -0.34 -1.10	17.29 -0.33 -1.20	13.69 -0.24 -1.78	18.79 -0.36 -0.96	25.97 -0.58 0.00	35.76 -0.95 -0.27	39.13 -1.07 -0.34	33.36 -0.85 0.00	27.57 -0.71 0.00	25.12 -0.59 0.00	23.75 -0.61 0.00	22.79 -0.56 0.00	23.14 -0.59 0.00	24.29 -0.62 0.00	26.82 -0.69 0.00	31.28 -0.93 -0.16	34.29 -0.99 -1.30	31.30 -0.87 -1.19	24.83 -0.60 -1.38	20.05 -0.41 -1.97	13.34 -0.24 -2.68	9.47 -0.15 -2.94	8.42 -0.11 -2.94
NINE_MILE_2 23744	23.74 -0.48 -0.32	17.88 -0.34 -1.10	17.29 -0.33 -1.19	13.68 -0.24 -1.77	18.80 -0.35 -0.95	25.97 -0.58 0.00	35.76 -0.95 -0.27	39.13 -1.07 -0.33	33.36 -0.85 0.00	27.57 -0.71 0.00	25.12 -0.59 0.00	23.75 -0.61 0.00	22.79 -0.56 0.00	23.14 -0.59 0.00	24.29 -0.62 0.00	26.82 -0.69 0.00	31.28 -0.93 -0.16	34.29 -0.99 -1.30	31.30 -0.87 -1.19	24.83 -0.60 -1.38	20.04 -0.41 -1.97	13.33 -0.24 -2.67	9.46 -0.15 -2.93	8.41 -0.11 -2.93
NM_CAPITAL____DRP 24208	26.82 0.43 -2.49	26.02 0.33 -8.58	26.06 0.31 -9.32	26.24 0.22 -13.87	26.01 0.36 -7.45	27.13 0.58 0.00	39.38 0.80 -2.14	43.32 0.84 -2.62	34.86 0.65 0.00	28.75 0.48 0.00	26.05 0.33 0.00	24.75 0.39 0.00	23.75 0.40 0.00	24.21 0.47 0.00	25.41 0.50 0.00	28.00 0.50 0.00	34.03 0.74 -1.24	44.93 0.82 -10.13	40.97 0.71 -9.28	35.35 0.53 -10.77	34.23 0.35 -15.39	31.96 0.20 -20.87	29.74 0.13 -22.94	28.62 0.09 -22.94
NM_CENTRAL____DRP 24181	23.93 0.05 0.01	18.22 0.03 -1.06	17.65 0.03 -1.19	14.34 0.01 -2.18	19.33 0.04 -1.10	26.58 0.03 0.00	36.66 -0.11 -0.34	40.16 -0.12 -0.41	34.18 -0.03 0.00	28.27 0.00 0.00	25.74 0.03 0.00	24.34 -0.02 0.00	23.33 -0.02 0.00	23.71 -0.02 0.00	24.89 -0.02 0.00	27.48 -0.03 0.00	32.02 -0.22 -0.20	35.36 -0.20 -1.59	32.28 -0.15 -1.46	25.70 -0.05 -1.69	20.61 0.00 -2.13	13.99 0.00 -3.09	10.15 0.00 -3.48	9.09 0.01 -3.49
NM_FRONTIER____DRP 24179	23.95 -0.48 -0.54	18.68 -0.29 -1.85	18.19 -0.25 -2.01	14.94 -0.21 -2.99	19.53 -0.27 -1.61	25.81 -0.74 0.00	35.04 -1.86 -0.46	37.96 -2.47 -0.57	32.74 -1.47 0.00	27.39 -0.88 0.00	25.10 -0.62 0.00	23.60 -0.76 0.00	22.75 -0.61 0.00	22.93 -0.81 0.00	23.99 -0.92 0.00	26.49 -1.02 0.00	29.72 -2.60 -0.27	33.54 -2.62 -2.19	30.65 -2.32 -2.00	24.84 -1.54 -2.32	20.77 -1.04 -3.32	14.83 -0.57 -4.50	11.32 -0.28 -4.93	10.42 -0.12 -4.95
NM_ST_REGIS____HYD 24053	4.13 -3.39 16.37	3.35 -2.48 11.29	3.36 -2.43 10.64	10.94 -1.79 -0.57	12.76 -2.95 2.48	22.46 -4.09 0.00	32.55 -3.97 -0.09	36.03 -3.95 -0.11	30.62 -3.59 0.00	25.08 -3.19 0.00	22.96 -2.75 0.00	21.90 -2.46 0.00	20.90 -2.45 0.00	20.77 -2.97 0.00	22.00 -2.92 0.00	24.51 -3.00 0.00	29.25 -2.85 -0.05	31.30 -3.09 -0.42	28.48 -2.88 -0.38	21.49 -3.01 -0.44	5.05 -2.24 11.19	2.73 -1.37 6.80	1.81 -0.84 4.02	1.33 -0.73 3.53
NORTHPORT____1 23551	42.47 1.72 -16.86	41.96 1.23 -23.60	41.23 1.17 -23.64	40.61 0.88 -27.58	40.64 1.27 -21.17	42.51 1.89 -14.08	51.85 2.70 -12.71	56.01 3.11 -13.03	46.02 2.70 -9.11	40.65 2.32 -10.06	30.31 2.16 -2.44	29.69 2.14 -3.19	28.33 2.06 -2.92	30.04 2.14 -4.17	33.20 2.17 -6.11	39.50 2.28 -9.71	61.63 2.76 -26.82	63.48 3.12 -26.38	49.61 2.82 -15.82	43.59 2.19 -17.35	41.24 1.64 -21.12	36.62 0.98 -24.74	35.44 0.55 -28.22	32.11 0.47 -26.05
NORTHPORT____2 23552	42.47 1.72 -16.86	41.96 1.23 -23.60	41.23 1.17 -23.64	40.61 0.88 -27.58	40.64 1.27 -21.17	42.51 1.89 -14.08	51.85 2.70 -12.71	56.01 3.11 -13.03	46.02 2.70 -9.11	40.65 2.32 -10.06	30.31 2.16 -2.44	29.69 2.14 -3.19	28.33 2.06 -2.92	30.04 2.14 -4.17	33.20 2.17 -6.11	39.50 2.28 -9.71	61.63 2.76 -26.82	63.48 3.12 -26.38	49.61 2.82 -15.82	43.59 2.19 -17.35	41.24 1.64 -21.12	36.62 0.98 -24.74	35.44 0.55 -28.22	32.11 0.47 -26.05

NORTHPORT___3 23553	42.33 1.58 -16.86	41.87 1.15 -23.60	41.18 1.12 -23.64	40.62 0.89 -27.58	40.62 1.25 -21.17	42.33 1.70 -14.08	51.56 2.40 -12.71	55.65 2.75 -13.03	45.71 2.39 -9.11	40.62 2.29 -10.06	30.06 1.90 -2.44	29.42 1.88 -3.19	28.05 1.77 -2.92	29.76 1.85 -4.17	32.95 1.92 -6.11	39.25 2.04 -9.71	61.40 2.53 -26.82	63.11 2.75 -26.38	49.30 2.51 -15.82	43.33 1.92 -17.35	41.02 1.42 -21.11	36.52 0.88 -24.74	35.43 0.54 -28.22	32.10 0.46 -26.05
NORTHPORT___4 23650	42.33 1.58 -16.86	41.87 1.15 -23.60	41.18 1.12 -23.64	40.62 0.89 -27.58	40.62 1.25 -21.17	42.33 1.70 -14.08	51.56 2.40 -12.71	55.65 2.75 -13.03	45.71 2.39 -9.11	40.62 2.29 -10.06	30.06 1.90 -2.44	29.42 1.88 -3.19	28.05 1.77 -2.92	29.76 1.85 -4.17	32.95 1.92 -6.11	39.25 2.04 -9.71	61.40 2.53 -26.82	63.11 2.75 -26.38	49.30 2.51 -15.82	43.33 1.92 -17.35	41.02 1.42 -21.11	36.52 0.88 -24.74	35.43 0.54 -28.22	32.10 0.46 -26.05
NORTHPORT___IC 23718	42.47 1.72 -16.86	41.96 1.23 -23.60	41.23 1.17 -23.64	40.61 0.88 -27.58	40.64 1.27 -21.17	42.51 1.89 -14.08	51.85 2.70 -12.71	56.01 3.11 -13.03	46.02 2.70 -9.11	40.65 2.32 -10.06	30.31 2.16 -2.44	29.69 2.14 -3.19	28.33 2.06 -2.92	30.04 2.14 -4.17	33.20 2.17 -6.11	39.50 2.28 -9.71	61.63 2.76 -26.82	63.48 3.12 -26.38	49.61 2.82 -15.82	43.59 2.19 -17.35	41.24 1.64 -21.12	36.62 0.98 -24.74	35.44 0.55 -28.22	32.11 0.47 -26.05
NORTH___COUNTRY_ESR 323785	0.27 -4.30 19.33	0.60 -3.08 13.44	0.81 -2.94 12.68	10.50 -2.12 -0.46	11.71 -3.44 3.04	21.80 -4.75 0.00	31.74 -4.77 -0.07	35.25 -4.70 -0.09	30.11 -4.11 0.00	24.71 -3.56 0.00	22.60 -3.11 0.00	21.65 -2.70 0.00	20.71 -2.64 0.00	20.60 -3.13 0.00	21.85 -3.07 0.00	24.34 -3.16 0.00	29.02 -3.08 -0.04	31.02 -3.30 -0.34	28.09 -3.19 -0.31	21.04 -3.37 -0.36	2.46 -2.57 13.45	0.95 -1.60 8.35	0.58 -0.99 5.10	0.20 -0.87 4.52
NPX_GEN_1385_PROXY 323591	32.86 1.00 -7.96	31.74 0.70 -13.92	30.15 0.67 -13.05	31.51 0.51 -18.85	32.32 0.73 -13.40	39.90 1.09 -12.26	50.90 1.75 -12.71	55.09 2.19 -13.03	45.20 1.88 -9.11	34.98 1.44 -5.27	29.80 1.65 -2.44	29.30 1.75 -3.19	28.00 1.73 -2.92	29.76 1.85 -4.17	32.50 1.47 -6.11	34.80 1.46 -5.84	43.48 1.86 -9.57	54.93 1.73 -19.22	48.75 1.95 -15.82	42.95 1.54 -17.35	40.80 1.20 -21.12	36.36 0.72 -24.74	34.83 0.36 -27.80	32.04 0.40 -26.05
NPX_GEN_CSC 323557	42.81 2.06 -16.86	42.18 1.45 -23.60	41.44 1.38 -23.64	40.75 1.02 -27.58	40.87 1.51 -21.17	42.91 2.28 -14.08	52.36 3.21 -12.71	56.53 3.63 -13.03	46.47 3.15 -9.11	40.93 2.60 -10.06	30.62 2.47 -2.44	29.96 2.41 -3.19	28.58 2.31 -2.92	30.30 2.40 -4.17	33.57 2.54 -6.11	39.94 2.72 -9.71	62.14 3.27 -26.82	64.37 4.01 -26.38	50.31 3.47 -15.86	44.14 2.69 -17.40	41.67 2.03 -21.16	36.87 1.19 -24.78	35.58 0.69 -28.22	32.19 0.55 -26.05
NSINS_S_GLNS_FALLS 23858	28.15 1.70 -2.56	27.13 1.22 -8.80	27.17 1.18 -9.56	27.26 0.88 -14.23	27.17 1.33 -7.65	28.70 2.15 0.00	41.91 3.28 -2.20	45.86 3.31 -2.69	36.88 2.67 0.00	30.16 1.89 0.00	27.23 1.52 0.00	25.60 1.24 0.00	24.61 1.26 0.00	25.04 1.31 0.00	26.39 1.47 0.00	29.13 1.62 0.00	35.31 1.99 -1.27	46.68 2.31 -10.39	42.54 2.04 -9.52	36.59 1.49 -11.05	35.36 1.09 -15.79	32.92 0.62 -21.40	30.63 0.43 -23.53	29.48 0.36 -23.53
NUCOR_STEEL___DRP 24197	24.72 0.36 -0.47	19.00 0.27 -1.60	18.43 0.26 -1.74	14.93 0.18 -2.59	19.88 0.29 -1.39	27.00 0.45 0.00	37.27 0.44 -0.40	40.79 0.44 -0.49	34.69 0.48 0.00	28.69 0.42 0.00	26.10 0.39 0.00	24.63 0.27 0.00	23.63 0.28 0.00	23.97 0.24 0.00	25.19 0.27 0.00	27.84 0.33 0.00	32.44 0.16 -0.23	36.14 0.27 -1.90	32.99 0.28 -1.74	26.35 0.29 -2.01	21.60 0.24 -2.88	14.94 0.14 -3.90	11.04 0.08 -4.29	9.96 0.08 -4.29
NUMBER_THREE_WT_PWR 323818	18.63 -0.57 4.69	13.85 -0.41 2.86	13.37 -0.43 2.62	12.77 -0.32 -0.93	17.38 -0.49 0.32	25.97 -0.58 0.00	36.43 -0.15 -0.14	40.00 -0.04 -0.18	33.87 -0.34 0.00	27.79 -0.48 0.00	25.33 -0.39 0.00	23.95 -0.41 0.00	22.82 -0.54 0.00	23.07 -0.66 0.00	24.32 -0.60 0.00	27.06 -0.44 0.00	31.91 -0.22 -0.08	34.38 -0.27 -0.68	31.44 -0.15 -0.62	24.43 -0.34 -0.72	15.72 -0.30 2.47	9.85 -0.19 0.87	6.60 -0.13 -0.07	5.67 -0.13 -0.21
NYISO_LBMP_REFERENCE 24008	23.89 0.00 0.00	17.12 0.00 0.00	16.43 0.00 0.00	12.15 0.00 0.00	18.19 0.00 0.00	26.55 0.00 0.00	36.44 0.00 0.00	39.87 0.00 0.00	34.21 0.00 0.00	28.27 0.00 0.00	25.71 0.00 0.00	24.36 0.00 0.00	23.35 0.00 0.00	23.74 0.00 0.00	24.92 0.00 0.00	27.51 0.00 0.00	32.05 0.00 0.00	33.98 0.00 0.00	30.98 0.00 0.00	24.05 0.00 0.00	18.48 0.00 0.00	10.90 0.00 0.00	6.67 0.00 0.00	5.59 0.00 0.00
NYPA_BRENTWD___GT 24164	42.88 2.13 -16.86	42.21 1.49 -23.60	41.49 1.43 -23.64	40.80 1.07 -27.58	40.91 1.55 -21.17	42.97 2.34 -14.08	52.54 3.39 -12.71	56.73 3.83 -13.03	46.60 3.28 -9.11	41.07 2.74 -10.06	30.70 2.55 -2.44	30.03 2.49 -3.19	28.66 2.38 -2.92	30.38 2.47 -4.17	33.60 2.57 -6.11	39.99 2.78 -9.71	62.23 3.36 -26.82	64.20 3.84 -26.38	50.27 3.47 -15.82	44.03 2.62 -17.36	41.38 1.77 -21.12	36.72 1.08 -24.75	35.56 0.67 -28.22	32.19 0.55 -26.05
NYPA_GOWANUS___GT5 24156	27.67 1.72 -2.06	25.41 1.22 -7.07	25.26 1.15 -7.69	24.46 0.86 -11.44	25.58 1.24 -6.15	28.22 1.67 0.00	40.43 2.22 -1.77	44.54 2.51 -2.16	36.51 2.29 0.00	30.42 2.15 0.00	27.67 1.95 0.00	26.28 1.92 0.00	25.20 1.84 0.00	25.66 1.92 0.00	26.91 1.99 0.00	29.54 2.04 0.00	35.67 2.59 -1.03	44.89 2.55 -8.37	41.12 2.48 -7.66	34.87 1.92 -8.89	32.54 1.35 -12.71	28.98 0.85 -17.23	26.13 0.52 -18.94	24.96 0.42 -18.94
NYPA_GOWANUS___GT6 24157	27.67 1.72 -2.06	25.41 1.22 -7.07	25.26 1.15 -7.69	24.46 0.86 -11.44	25.58 1.24 -6.15	28.22 1.67 0.00	40.43 2.22 -1.77	44.54 2.51 -2.16	36.51 2.29 0.00	30.42 2.15 0.00	27.67 1.95 0.00	26.28 1.92 0.00	25.20 1.84 0.00	25.66 1.92 0.00	26.91 1.99 0.00	29.54 2.04 0.00	35.67 2.59 -1.03	44.89 2.55 -8.37	41.12 2.48 -7.66	34.87 1.92 -8.89	32.54 1.35 -12.71	28.98 0.85 -17.23	26.13 0.52 -18.94	24.96 0.42 -18.94
NYPA_HARLEM__RVR_GT1 24160	27.66 1.70 -2.06	25.44 1.23 -7.08	25.29 1.17 -7.69	24.49 0.89 -11.45	25.60 1.25 -6.16	28.20 1.65 0.00	40.06 1.86 -1.77	44.17 2.15 -2.15	36.19 1.98 0.01	30.16 1.89 0.01	27.46 1.75 0.01	26.08 1.73 0.01	25.03 1.68 0.01	25.46 1.73 0.01	26.68 1.77 0.01	29.28 1.79 0.01	35.31 2.24 -1.02	44.54 2.21 -8.36	40.80 2.17 -7.66	34.60 1.66 -8.89	32.37 1.18 -12.70	28.87 0.74 -17.23	26.08 0.47 -18.94	24.95 0.41 -18.94
NYPA_HARLEM__RVR_GT2 24161	27.66 1.70 -2.06	25.44 1.23 -7.08	25.29 1.17 -7.69	24.49 0.89 -11.45	25.60 1.25 -6.16	28.20 1.65 0.00	40.06 1.86 -1.77	44.17 2.15 -2.15	36.19 1.98 0.01	30.16 1.89 0.01	27.46 1.75 0.01	26.08 1.73 0.01	25.03 1.68 0.01	25.46 1.73 0.01	26.68 1.77 0.01	29.28 1.79 0.01	35.31 2.24 -1.02	44.54 2.21 -8.36	40.80 2.17 -7.66	34.60 1.66 -8.89	32.37 1.18 -12.70	28.87 0.74 -17.23	26.08 0.47 -18.94	24.95 0.41 -18.94

NYPA_KENT____GT 24152	27.60 1.65 -2.06	25.38 1.18 -7.07	25.23 1.12 -7.69	24.43 0.84 -11.44	25.54 1.20 -6.15	28.20 1.65 0.00	40.39 2.19 -1.77	44.54 2.51 -2.16	36.47 2.26 0.00	30.39 2.12 0.00	27.64 1.93 0.00	26.26 1.90 0.00	25.18 1.82 0.00	25.64 1.90 0.00	26.88 1.97 0.00	29.51 2.01 0.00	35.61 2.53 -1.03	44.86 2.51 -8.37	41.09 2.45 -7.66	34.82 1.88 -8.89	32.52 1.33 -12.71	28.95 0.83 -17.23	26.12 0.51 -18.94	24.95 0.42 -18.94
NYPA_POUCH1____GT 24155	27.69 1.74 -2.06	25.45 1.25 -7.07	25.28 1.17 -7.69	24.47 0.88 -11.44	25.60 1.25 -6.15	28.25 1.70 0.00	40.46 2.26 -1.77	44.58 2.55 -2.16	36.54 2.33 0.00	30.45 2.18 0.00	27.72 2.01 0.00	26.33 1.97 0.00	25.22 1.87 0.00	25.68 1.95 0.00	26.96 2.04 0.00	29.57 2.06 0.00	35.74 2.66 -1.03	44.96 2.62 -8.37	41.15 2.51 -7.66	34.89 1.95 -8.89	32.58 1.39 -12.71	28.99 0.86 -17.23	26.14 0.53 -18.94	24.96 0.43 -18.94
NYPA_VERNON____GT2 24162	27.55 1.60 -2.06	25.34 1.15 -7.07	25.20 1.08 -7.69	24.41 0.81 -11.44	25.51 1.17 -6.15	28.17 1.62 0.00	40.35 2.15 -1.77	44.50 2.47 -2.16	36.44 2.22 0.00	30.36 2.09 0.00	27.62 1.90 0.00	26.24 1.88 0.00	25.15 1.80 0.00	25.61 1.87 0.00	26.86 1.94 0.00	29.49 1.98 0.00	35.55 2.47 -1.03	44.79 2.45 -8.37	41.02 2.39 -7.66	34.77 1.83 -8.89	32.48 1.29 -12.71	28.93 0.81 -17.23	26.10 0.49 -18.94	24.94 0.41 -18.94
NYPA_VERNON____GT3 24163	27.55 1.60 -2.06	25.34 1.15 -7.07	25.20 1.08 -7.69	24.41 0.81 -11.44	25.51 1.17 -6.15	28.17 1.62 0.00	40.35 2.15 -1.77	44.50 2.47 -2.16	36.44 2.22 0.00	30.36 2.09 0.00	27.62 1.90 0.00	26.24 1.88 0.00	25.15 1.80 0.00	25.61 1.87 0.00	26.86 1.94 0.00	29.49 1.98 0.00	35.55 2.47 -1.03	44.79 2.45 -8.37	41.02 2.39 -7.66	34.77 1.83 -8.89	32.48 1.29 -12.71	28.93 0.81 -17.23	26.10 0.49 -18.94	24.94 0.41 -18.94
NYPA__ASTORIA_CC1 323568	27.53 1.58 -2.06	25.34 1.15 -7.07	25.18 1.07 -7.69	24.41 0.81 -11.44	25.51 1.17 -6.15	28.14 1.59 0.00	40.28 2.08 -1.77	44.42 2.39 -2.16	36.37 2.16 0.00	30.31 2.04 0.00	27.57 1.85 0.00	26.19 1.83 0.00	25.13 1.77 0.00	25.59 1.85 0.00	26.81 1.89 0.00	29.43 1.92 0.00	35.48 2.41 -1.03	44.72 2.38 -8.37	40.96 2.32 -7.66	34.72 1.78 -8.89	32.45 1.26 -12.71	28.92 0.80 -17.23	26.10 0.49 -18.94	24.95 0.41 -18.94
NYPA__ASTORIA_CC2 323569	27.53 1.58 -2.06	25.34 1.15 -7.07	25.18 1.07 -7.69	24.41 0.81 -11.44	25.51 1.17 -6.15	28.14 1.59 0.00	40.28 2.08 -1.77	44.42 2.39 -2.16	36.37 2.16 0.00	30.31 2.04 0.00	27.57 1.85 0.00	26.19 1.83 0.00	25.13 1.77 0.00	25.59 1.85 0.00	26.81 1.89 0.00	29.43 1.92 0.00	35.48 2.41 -1.03	44.72 2.38 -8.37	40.96 2.32 -7.66	34.72 1.78 -8.89	32.45 1.26 -12.71	28.92 0.80 -17.23	26.10 0.49 -18.94	24.95 0.41 -18.94
NYPA__HOLTSVILL 23794	42.64 1.89 -16.86	42.06 1.34 -23.60	41.34 1.28 -23.64	40.68 0.95 -27.58	40.75 1.38 -21.17	42.70 2.07 -14.08	52.07 2.92 -12.71	56.21 3.31 -13.03	46.23 2.91 -9.11	40.79 2.46 -10.06	30.47 2.32 -2.44	29.81 2.27 -3.19	28.44 2.17 -2.92	30.16 2.26 -4.17	33.40 2.37 -6.11	39.72 2.50 -9.71	61.85 2.98 -26.82	63.89 3.53 -26.38	49.94 3.10 -15.86	43.85 2.40 -17.40	41.45 1.81 -21.16	36.76 1.08 -24.78	35.52 0.63 -28.22	32.14 0.51 -26.05
NYPA____HELLGATE_GT1 24158	27.66 1.70 -2.06	25.44 1.23 -7.08	25.29 1.17 -7.69	24.49 0.89 -11.45	25.60 1.25 -6.16	28.20 1.65 0.00	40.06 1.86 -1.77	44.17 2.15 -2.15	36.19 1.98 0.01	30.16 1.89 0.01	27.46 1.75 0.01	26.08 1.73 0.01	25.03 1.68 0.01	25.46 1.73 0.01	26.68 1.77 0.01	29.28 1.79 0.01	35.31 2.24 -1.02	44.54 2.21 -8.36	40.80 2.17 -7.66	34.60 1.66 -8.89	32.37 1.18 -12.70	28.87 0.74 -17.23	26.08 0.47 -18.94	24.95 0.41 -18.94
NYPA____HELLGATE_GT2 24159	27.66 1.70 -2.06	25.44 1.23 -7.08	25.29 1.17 -7.69	24.49 0.89 -11.45	25.60 1.25 -6.16	28.20 1.65 0.00	40.06 1.86 -1.77	44.17 2.15 -2.15	36.19 1.98 0.01	30.16 1.89 0.01	27.46 1.75 0.01	26.08 1.73 0.01	25.03 1.68 0.01	25.46 1.73 0.01	26.68 1.77 0.01	29.28 1.79 0.01	35.31 2.24 -1.02	44.54 2.21 -8.36	40.80 2.17 -7.66	34.60 1.66 -8.89	32.37 1.18 -12.70	28.87 0.74 -17.23	26.08 0.47 -18.94	24.95 0.41 -18.94
NYS_BARGE__HYD 23848	24.43 0.00 -0.54	18.95 -0.02 -1.85	18.45 0.02 -2.01	15.14 0.00 -2.99	19.84 0.04 -1.61	26.44 -0.11 0.00	35.92 -0.98 -0.46	38.96 -1.47 -0.56	33.70 -0.51 0.00	28.16 -0.11 0.00	25.77 0.05 0.00	24.21 -0.15 0.00	23.33 -0.02 0.00	23.52 -0.21 0.00	24.62 -0.30 0.00	27.20 -0.30 0.00	30.49 -1.83 -0.27	34.33 -1.84 -2.19	31.37 -1.61 -2.00	25.25 -1.13 -2.32	21.17 -0.63 -3.32	15.04 -0.36 -4.50	11.45 -0.16 -4.95	10.52 -0.02 -4.95
OAK ORCHARD__HYD 24046	24.83 0.45 -0.49	19.12 0.32 -1.67	18.58 0.35 -1.81	15.08 0.23 -2.70	20.04 0.40 -1.45	27.05 0.50 0.00	37.14 0.29 -0.42	40.50 0.12 -0.51	34.73 0.51 0.00	28.84 0.57 0.00	26.28 0.57 0.00	24.68 0.32 0.00	23.68 0.33 0.00	23.93 0.19 0.00	25.11 0.20 0.00	27.81 0.30 0.00	31.81 -0.48 -0.24	36.19 0.24 -1.97	32.47 -0.31 -1.81	25.93 -0.22 -2.10	21.46 -0.02 -3.00	14.92 -0.04 -4.06	11.14 0.00 -4.47	10.13 0.07 -4.47
OAKDALE__35_KV_LOAD 356122	25.22 0.43 -0.89	20.51 0.31 -3.08	20.06 0.30 -3.34	17.35 0.22 -4.98	21.20 0.33 -2.67	27.16 0.61 0.00	37.75 0.55 -0.77	41.40 0.60 -0.94	34.93 0.72 0.00	28.92 0.65 0.00	26.36 0.64 0.00	24.92 0.56 0.00	23.89 0.54 0.00	24.23 0.50 0.00	25.44 0.52 0.00	28.11 0.61 0.00	32.82 0.32 -0.45	38.02 0.41 -3.63	34.68 0.37 -3.33	28.25 0.34 -3.86	24.26 0.26 -5.52	18.55 0.16 -7.48	15.00 0.10 -8.23	13.92 0.10 -8.23
OCC_CHEM__DRP 24175	24.03 -0.41 -0.54	18.72 -0.26 -1.85	18.22 -0.21 -2.01	14.98 -0.17 -2.99	19.58 -0.22 -1.61	25.89 -0.66 0.00	35.15 -1.75 -0.46	38.08 -2.35 -0.57	32.85 -1.37 0.00	27.48 -0.79 0.00	25.17 -0.54 0.00	23.68 -0.68 0.00	22.82 -0.54 0.00	23.00 -0.74 0.00	24.07 -0.85 0.00	26.57 -0.94 0.00	29.79 -2.53 -0.27	33.65 -2.51 -2.19	30.75 -2.23 -2.00	24.89 -1.49 -2.33	20.83 -0.98 -3.32	14.87 -0.53 -4.50	11.33 -0.27 -4.93	10.44 -0.10 -4.95
OH_GEN_PROXY 24063	24.26 -0.17 -0.53	18.82 -0.14 -1.83	18.32 -0.10 -1.99	15.03 -0.08 -2.96	19.68 -0.11 -1.59	26.18 -0.37 0.00	35.55 -1.35 -0.46	38.55 -1.87 -0.56	33.29 -0.92 0.00	27.85 -0.42 0.00	25.48 -0.23 0.00	23.97 -0.39 0.00	23.10 -0.26 0.00	23.31 -0.43 0.00	24.39 -0.52 0.00	26.90 -0.61 0.00	30.20 -2.12 -0.27	34.00 -2.14 -2.16	31.10 -1.86 -1.98	25.10 -1.25 -2.30	21.03 -0.74 -3.29	14.94 -0.41 -4.46	11.38 -0.19 -4.90	10.44 -0.05 -4.90
OLIN_CORP_DRP 24177	24.10 -0.33 -0.54	18.73 -0.26 -1.87	18.26 -0.20 -2.03	15.00 -0.17 -3.02	19.60 -0.22 -1.62	26.02 -0.53 0.00	35.34 -1.57 -0.47	38.28 -2.15 -0.57	33.08 -1.13 0.00	27.65 -0.62 0.00	25.33 -0.39 0.00	23.82 -0.54 0.00	22.96 -0.40 0.00	23.14 -0.59 0.00	24.22 -0.70 0.00	26.74 -0.77 0.00	29.95 -2.37 -0.27	33.77 -2.41 -2.20	30.86 -2.14 -2.02	24.98 -1.42 -2.34	20.93 -0.91 -3.35	14.94 -0.50 -4.54	11.41 -0.25 -4.99	10.50 -0.08 -4.99

OLIN_CORP_DSASP 323712	24.03 -0.41 -0.54	18.72 -0.26 -1.85	18.22 -0.21 -2.01	14.98 -0.17 -2.99	19.59 -0.22 -1.61	25.89 -0.66 0.00	35.15 -1.75 -0.46	38.08 -2.35 -0.57	32.84 -1.37 0.00	27.48 -0.79 0.00	25.17 -0.54 0.00	23.68 -0.68 0.00	22.82 -0.54 0.00	23.00 -0.74 0.00	24.07 -0.85 0.00	26.57 -0.94 0.00	29.82 -2.50 -0.27	33.62 -2.55 -2.19	30.72 -2.26 -2.01	24.77 -1.61 -2.33	20.83 -0.98 -3.32	14.85 -0.56 -4.51	11.34 -0.27 -4.93	10.44 -0.10 -4.95
ONEIDA_HERK_LFGE 323681	22.01 0.05 1.93	16.21 0.05 0.97	15.61 0.03 0.85	12.99 0.02 -0.81	18.31 0.04 -0.08	26.71 0.16 0.00	37.18 0.62 -0.13	40.74 0.72 -0.15	34.66 0.44 0.00	28.52 0.25 0.00	25.97 0.26 0.00	24.55 0.19 0.00	23.45 0.09 0.00	23.76 0.02 0.00	24.99 0.07 0.00	27.78 0.28 0.00	32.57 0.45 -0.07	34.94 0.37 -0.59	31.95 0.43 -0.54	24.90 0.22 -0.63	18.00 0.11 0.60	11.21 0.07 -0.25	7.41 0.03 -0.71	6.37 0.01 -0.77
ONEIDA___115KV_TB4 55905	23.95 0.60 0.54	17.86 0.45 -0.29	17.23 0.41 -0.39	13.83 0.30 -1.37	19.27 0.47 -0.60	27.35 0.80 0.00	37.92 1.28 -0.21	41.56 1.44 -0.26	35.31 1.09 0.00	29.09 0.82 0.00	26.49 0.77 0.00	25.02 0.66 0.00	23.91 0.56 0.00	24.28 0.55 0.00	25.51 0.60 0.00	28.30 0.80 0.00	33.10 0.93 -0.12	35.86 0.88 -1.00	32.76 0.87 -0.92	25.77 0.65 -1.06	19.88 0.44 -0.95	12.87 0.27 -1.69	8.85 0.15 -2.03	7.76 0.12 -2.05
ONONDAGA_REF_OCCRA 23987	24.09 0.12 -0.08	18.46 0.09 -1.25	17.91 0.08 -1.40	14.66 0.06 -2.44	19.54 0.09 -1.25	26.68 0.13 0.00	36.89 0.07 -0.38	40.41 0.08 -0.46	34.35 0.14 0.00	28.41 0.14 0.00	25.87 0.15 0.00	24.46 0.10 0.00	23.45 0.09 0.00	23.81 0.07 0.00	24.99 0.07 0.00	27.62 0.11 0.00	32.21 -0.06 -0.22	35.72 -0.03 -1.78	32.61 0.00 -1.63	26.02 0.07 -1.90	21.01 0.07 -2.45	14.45 0.04 -3.50	10.62 0.03 -3.93	9.56 0.03 -3.94
ONONDAGA___COGEN 23986	24.14 0.17 -0.08	18.46 0.12 -1.21	17.89 0.11 -1.35	14.58 0.07 -2.36	19.53 0.13 -1.21	26.74 0.19 0.00	36.91 0.11 -0.36	40.43 0.12 -0.45	34.38 0.17 0.00	28.41 0.14 0.00	25.89 0.18 0.00	24.46 0.10 0.00	23.45 0.09 0.00	23.81 0.07 0.00	25.02 0.10 0.00	27.62 0.11 0.00	32.23 -0.03 -0.21	35.66 -0.03 -1.72	32.55 0.00 -1.58	25.95 0.07 -1.83	20.94 0.09 -2.37	14.34 0.05 -3.39	10.49 0.03 -3.79	9.43 0.03 -3.80
ONTARIO___LFGE 23819	24.91 0.50 -0.52	19.27 0.38 -1.77	18.71 0.36 -1.93	15.29 0.27 -2.87	20.17 0.44 -1.54	27.27 0.72 0.00	37.65 0.77 -0.44	41.01 0.60 -0.54	35.17 0.96 0.00	29.12 0.85 0.00	26.54 0.82 0.00	24.94 0.58 0.00	23.94 0.58 0.00	24.26 0.52 0.00	25.46 0.55 0.00	28.16 0.66 0.00	32.56 0.26 -0.26	36.34 0.27 -2.10	33.30 0.40 -1.92	26.64 0.36 -2.23	21.95 0.28 -3.19	15.36 0.14 -4.32	11.51 0.09 -4.75	10.44 0.11 -4.75
ORANGEVILLE_WT_PWR 323706	24.62 0.12 -0.60	19.29 0.09 -2.08	18.81 0.13 -2.26	15.61 0.10 -3.36	20.18 0.18 -1.81	26.97 0.42 0.00	36.63 -0.33 -0.52	39.90 -0.60 -0.63	34.52 0.31 0.00	28.78 0.51 0.00	26.33 0.62 0.00	24.77 0.41 0.00	23.82 0.47 0.00	24.04 0.31 0.00	25.19 0.27 0.00	27.84 0.33 0.00	31.33 -1.03 -0.30	35.41 -1.02 -2.46	32.26 -0.96 -2.25	26.01 -0.65 -2.61	21.84 -0.37 -3.73	15.73 -0.23 -5.06	12.12 -0.11 -5.56	11.15 0.00 -5.56
ORANGEVILLE___ESR 323794	24.62 0.12 -0.60	19.29 0.09 -2.08	18.81 0.13 -2.26	15.61 0.10 -3.36	20.18 0.18 -1.81	26.97 0.42 0.00	36.63 -0.33 -0.52	39.90 -0.60 -0.63	34.52 0.31 0.00	28.78 0.51 0.00	26.33 0.62 0.00	24.77 0.41 0.00	23.82 0.47 0.00	24.04 0.31 0.00	25.19 0.27 0.00	27.84 0.33 0.00	31.33 -1.03 -0.30	35.41 -1.02 -2.46	32.26 -0.96 -2.25	26.01 -0.65 -2.61	21.84 -0.37 -3.73	15.73 -0.23 -5.06	12.12 -0.11 -5.56	11.15 0.00 -5.56
OSWEGATCHIE___HYD 24044	11.05 -2.03 10.81	8.36 -1.51 7.25	8.13 -1.49 6.80	11.84 -1.11 -0.79	14.98 -1.78 1.43	24.11 -2.44 0.00	34.33 -2.22 -0.12	37.78 -2.23 -0.15	32.02 -2.19 0.00	26.23 -2.04 0.00	23.94 -1.77 0.00	22.73 -1.63 0.00	21.67 -1.68 0.00	21.74 -1.99 0.00	22.95 -1.97 0.00	25.58 -1.93 0.00	30.36 -1.76 -0.07	32.65 -1.90 -0.58	29.80 -1.70 -0.53	22.86 -1.80 -0.61	10.11 -1.37 7.01	6.15 -0.83 3.92	4.15 -0.52 2.00	3.45 -0.46 1.68
OSWEGO___5 23606	23.93 -0.31 -0.34	18.08 -0.22 -1.18	17.51 -0.20 -1.28	13.90 -0.16 -1.90	19.00 -0.22 -1.02	26.18 -0.37 0.00	36.08 -0.65 -0.29	39.47 -0.76 -0.36	33.63 -0.58 0.00	27.82 -0.45 0.00	25.33 -0.39 0.00	23.95 -0.41 0.00	22.98 -0.37 0.00	23.33 -0.40 0.00	24.49 -0.42 0.00	27.04 -0.47 0.00	31.52 -0.71 -0.17	34.65 -0.72 -1.39	31.63 -0.62 -1.27	25.12 -0.41 -1.48	20.32 -0.28 -2.11	13.60 -0.16 -2.86	9.72 -0.10 -3.15	8.66 -0.07 -3.15
OSWEGO___6 23613	23.93 -0.31 -0.34	18.08 -0.22 -1.18	17.51 -0.20 -1.28	13.90 -0.16 -1.90	19.00 -0.22 -1.02	26.18 -0.37 0.00	36.08 -0.65 -0.29	39.47 -0.76 -0.36	33.63 -0.58 0.00	27.82 -0.45 0.00	25.33 -0.39 0.00	23.95 -0.41 0.00	22.98 -0.37 0.00	23.33 -0.40 0.00	24.49 -0.42 0.00	27.04 -0.47 0.00	31.52 -0.71 -0.17	34.65 -0.72 -1.39	31.63 -0.62 -1.27	25.12 -0.41 -1.48	20.32 -0.28 -2.11	13.60 -0.16 -2.86	9.72 -0.10 -3.15	8.66 -0.07 -3.15
OUTOKUMPU-AB___DRP 24206	24.56 0.12 -0.55	19.10 0.10 -1.88	18.61 0.15 -2.04	15.27 0.09 -3.03	19.99 0.16 -1.63	26.66 0.11 0.00	36.14 -0.77 -0.47	39.28 -1.16 -0.57	34.01 -0.21 0.00	28.38 0.11 0.00	26.02 0.31 0.00	24.46 0.10 0.00	23.56 0.21 0.00	23.74 0.00 0.00	24.89 -0.02 0.00	27.51 0.00 0.00	30.75 -1.57 -0.27	34.70 -1.49 -2.22	31.64 -1.36 -2.03	25.54 -0.87 -2.36	21.35 -0.50 -3.37	15.20 -0.26 -4.56	11.56 -0.11 -5.01	10.63 0.02 -5.02
OXBOW___ 24026	24.36 -0.07 -0.54	18.95 -0.03 -1.86	18.47 0.02 -2.03	15.16 -0.01 -3.01	19.83 0.02 -1.62	26.34 -0.21 0.00	35.77 -1.13 -0.47	38.80 -1.64 -0.57	33.56 -0.65 0.00	28.04 -0.23 0.00	25.66 -0.05 0.00	24.14 -0.22 0.00	23.26 -0.09 0.00	23.45 -0.28 0.00	24.54 -0.37 0.00	27.12 -0.39 0.00	30.40 -1.92 -0.27	34.24 -1.94 -2.20	31.29 -1.70 -2.02	25.19 -1.20 -2.34	21.15 -0.68 -3.35	15.04 -0.39 -4.54	11.47 -0.17 -4.97	10.55 -0.02 -4.99
OXY_CHEM_DSASP 323612	24.03 -0.41 -0.54	18.72 -0.26 -1.85	18.22 -0.21 -2.01	14.98 -0.17 -2.99	19.58 -0.22 -1.61	25.89 -0.66 0.00	35.15 -1.75 -0.46	38.08 -2.35 -0.57	32.85 -1.37 0.00	27.48 -0.79 0.00	25.17 -0.54 0.00	23.68 -0.68 0.00	22.82 -0.54 0.00	23.00 -0.74 0.00	24.07 -0.85 0.00	26.57 -0.94 0.00	29.79 -2.53 -0.27	33.65 -2.51 -2.19	30.75 -2.23 -2.00	24.89 -1.49 -2.33	20.83 -0.98 -3.32	14.87 -0.53 -4.50	11.33 -0.27 -4.93	10.44 -0.10 -4.95
OZONE_PARK_ESR 323760	27.58 1.62 -2.06	25.34 1.15 -7.07	25.20 1.08 -7.69	24.42 0.83 -11.44	25.52 1.18 -6.15	28.25 1.70 0.00	40.68 2.48 -1.77	44.94 2.91 -2.16	36.71 2.50 0.00	30.56 2.29 0.00	27.77 2.06 0.00	26.41 2.05 0.00	25.29 1.94 0.00	25.75 2.02 0.00	27.01 2.09 0.00	29.68 2.17 0.00	35.77 2.69 -1.03	45.05 2.72 -8.36	41.26 2.63 -7.66	34.96 2.02 -8.88	32.66 1.48 -12.69	28.98 0.87 -17.21	26.11 0.52 -18.92	24.92 0.42 -18.92

PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	24.03 -0.41 -0.54	18.72 -0.26 -1.85	18.22 -0.21 -2.01	14.98 -0.17 -2.99	19.58 -0.22 -1.61	25.89 -0.66 0.00	35.15 -1.75 -0.46	38.08 -2.35 -0.57	32.85 -1.37 0.00	27.48 -0.79 0.00	25.17 -0.54 0.00	23.68 -0.68 0.00	22.82 -0.54 0.00	23.00 -0.74 0.00	24.07 -0.85 0.00	26.57 -0.94 0.00	29.79 -2.53 -0.27	33.65 -2.51 -2.19	30.75 -2.23 -2.00	24.89 -1.49 -2.33	20.83 -0.98 -3.32	14.87 -0.53 -4.50	11.33 -0.27 -4.93	10.44 -0.10 -4.95
PACKARD__115KV_DUPONT_184 80571	24.03 -0.41 -0.54	18.72 -0.26 -1.85	18.22 -0.21 -2.01	14.98 -0.17 -2.99	19.58 -0.22 -1.61	25.89 -0.66 0.00	35.15 -1.75 -0.46	38.08 -2.35 -0.57	32.85 -1.37 0.00	27.48 -0.79 0.00	25.17 -0.54 0.00	23.68 -0.68 0.00	22.82 -0.54 0.00	23.00 -0.74 0.00	24.07 -0.85 0.00	26.57 -0.94 0.00	29.79 -2.53 -0.27	33.65 -2.51 -2.19	30.75 -2.23 -2.00	24.89 -1.49 -2.33	20.83 -0.98 -3.32	14.87 -0.53 -4.50	11.33 -0.27 -4.93	10.44 -0.10 -4.95
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	27.65 1.70 -2.06	25.41 1.22 -7.07	25.26 1.15 -7.69	24.47 0.88 -11.44	25.60 1.26 -6.15	28.20 1.65 0.00	40.14 1.93 -1.77	44.22 2.19 -2.16	36.20 1.98 0.00	30.16 1.89 0.00	27.44 1.72 0.00	26.06 1.71 0.00	25.01 1.66 0.00	25.45 1.71 0.00	26.69 1.77 0.00	29.29 1.79 0.00	35.32 2.24 -1.03	44.54 2.21 -8.36	40.80 2.17 -7.66	34.60 1.66 -8.88	32.36 1.18 -12.69	28.84 0.73 -17.21	26.06 0.47 -18.92	24.93 0.41 -18.92
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	27.89 1.94 -2.06	25.60 1.40 -7.07	25.44 1.33 -7.69	24.60 1.01 -11.44	25.78 1.44 -6.15	28.49 1.94 0.00	40.54 2.33 -1.77	44.66 2.63 -2.16	36.54 2.33 0.00	30.42 2.15 0.00	27.67 1.95 0.00	26.26 1.90 0.00	25.20 1.84 0.00	25.66 1.92 0.00	26.88 1.97 0.00	29.51 2.01 0.00	35.61 2.53 -1.03	44.68 2.34 -8.36	41.08 2.45 -7.66	34.81 1.88 -8.88	32.53 1.35 -12.69	28.94 0.83 -17.21	26.13 0.54 -18.92	24.98 0.46 -18.92
PATROON__115KV_TB1 80586	26.86 0.45 -2.51	26.10 0.36 -8.62	26.14 0.34 -9.37	26.33 0.23 -13.95	26.09 0.40 -7.49	27.16 0.61 0.00	39.47 0.87 -2.15	43.42 0.92 -2.63	34.90 0.68 0.00	28.81 0.54 0.00	26.10 0.39 0.00	24.77 0.41 0.00	23.77 0.42 0.00	24.23 0.50 0.00	25.46 0.55 0.00	28.06 0.55 0.00	34.10 0.80 -1.25	45.05 0.88 -10.19	41.08 0.77 -9.33	35.44 0.55 -10.83	34.33 0.37 -15.47	32.10 0.22 -20.98	29.86 0.13 -23.06	28.74 0.10 -23.06
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	24.39 -0.07 -0.57	19.00 -0.07 -1.95	18.51 -0.03 -2.12	15.27 -0.04 -3.15	19.85 -0.04 -1.70	27.16 0.61 0.00	36.09 -0.84 -0.49	39.31 -1.16 -0.60	34.73 0.51 0.00	28.95 0.68 0.00	26.54 0.82 0.00	24.97 0.61 0.00	24.03 0.68 0.00	24.23 0.50 0.00	25.39 0.47 0.00	28.06 0.55 0.00	30.83 -1.51 -0.28	34.82 -1.46 -2.30	31.79 -1.30 -2.11	25.61 -0.89 -2.45	21.45 -0.54 -3.50	15.34 -0.31 -4.75	11.73 -0.15 -5.22	10.77 -0.03 -5.22
PAWLING_115_KV_BK3_REV_LBMP_H 345028	27.44 1.46 -2.09	25.31 1.01 -7.18	25.18 0.95 -7.80	24.49 0.73 -11.61	25.45 1.02 -6.24	28.09 1.54 0.00	40.42 2.19 -1.79	44.61 2.55 -2.19	36.47 2.26 0.00	30.16 1.89 0.00	27.36 1.65 0.00	25.97 1.61 0.00	24.75 1.40 0.00	25.21 1.47 0.00	26.41 1.49 0.00	29.16 1.65 0.00	35.21 2.12 -1.04	44.87 2.41 -8.48	40.91 2.17 -7.77	34.68 1.61 -9.02	32.53 1.16 -12.88	29.05 0.69 -17.47	26.27 0.40 -19.20	25.11 0.32 -19.20
PEEKSKILL____ 23653	27.22 1.29 -2.04	25.05 0.91 -7.02	24.92 0.87 -7.63	24.16 0.66 -11.35	25.22 0.93 -6.10	27.93 1.38 0.00	40.16 1.97 -1.75	44.32 2.31 -2.14	36.20 1.98 0.00	30.02 1.75 0.00	27.28 1.57 0.00	25.92 1.56 0.00	24.83 1.47 0.00	25.26 1.52 0.00	26.49 1.57 0.00	29.16 1.65 0.00	35.15 2.08 -1.02	44.48 2.21 -8.30	40.66 2.08 -7.60	34.44 1.56 -8.82	32.24 1.15 -12.61	28.68 0.69 -17.09	25.86 0.40 -18.79	24.70 0.32 -18.79
PGE MADISON__WINDPWR 24146	26.80 2.06 -0.85	21.59 1.54 -2.93	21.09 1.48 -3.18	18.00 1.11 -4.74	22.50 1.76 -2.55	29.42 2.87 0.00	41.50 4.33 -0.73	45.54 4.78 -0.89	37.98 3.76 0.00	31.16 2.89 0.00	28.39 2.67 0.00	26.67 2.32 0.00	25.38 2.03 0.00	25.75 2.02 0.00	27.13 2.22 0.00	30.42 2.91 0.00	35.81 3.33 -0.42	40.94 3.50 -3.46	37.31 3.16 -3.17	30.09 2.36 -3.68	25.39 1.64 -5.26	18.99 0.96 -7.13	15.06 0.55 -7.84	13.85 0.42 -7.84
PIERCEFIELD__HYD 23852	4.91 -3.15 15.83	3.88 -2.35 10.90	3.84 -2.32 10.26	11.05 -1.70 -0.60	12.99 -2.82 2.38	22.65 -3.90 0.00	32.74 -3.79 -0.09	36.19 -3.79 -0.11	30.72 -3.49 0.00	25.16 -3.11 0.00	23.01 -2.70 0.00	21.92 -2.44 0.00	20.92 -2.43 0.00	20.79 -2.94 0.00	22.03 -2.89 0.00	24.53 -2.97 0.00	29.28 -2.82 -0.05	31.31 -3.09 -0.43	28.55 -2.82 -0.39	21.58 -2.93 -0.46	5.50 -2.18 10.81	3.04 -1.33 6.53	2.03 -0.81 3.83	1.53 -0.70 3.36
PINELAWN_CC_1 323563	42.69 1.93 -16.86	42.09 1.37 -23.60	41.38 1.31 -23.64	40.72 0.98 -27.58	40.79 1.42 -21.17	42.73 2.10 -14.08	52.17 3.02 -12.71	56.37 3.47 -13.03	46.29 2.98 -9.11	40.88 2.55 -10.06	30.47 2.32 -2.44	29.81 2.27 -3.19	28.44 2.17 -2.92	30.14 2.23 -4.17	33.37 2.34 -6.11	39.74 2.53 -9.71	61.95 3.08 -26.82	63.83 3.47 -26.38	49.93 3.13 -15.82	43.79 2.38 -17.36	41.34 1.74 -21.12	36.68 1.04 -24.74	35.50 0.61 -28.22	32.13 0.50 -26.05
PJM_GEN_HTP_PROXY 323702	27.38 1.43 -2.06	25.21 1.01 -7.07	25.08 0.97 -7.69	24.34 0.74 -11.44	25.40 1.05 -6.15	28.06 1.51 0.00	40.43 2.22 -1.77	44.62 2.59 -2.16	36.41 2.19 0.00	30.28 2.01 0.00	27.54 1.83 0.00	26.16 1.80 0.00	25.08 1.73 0.00	25.54 1.80 0.00	26.76 1.84 0.00	29.40 1.90 0.00	35.45 2.37 -1.03	44.75 2.41 -8.37	40.99 2.35 -7.66	34.75 1.80 -8.89	32.50 1.31 -12.71	28.92 0.80 -17.23	26.07 0.47 -18.94	24.89 0.37 -18.93
PJM_GEN_KEystone 24065	25.92 0.67 -1.36	22.26 0.46 -4.68	21.95 0.44 -5.08	20.06 0.34 -7.56	22.73 0.47 -4.06	27.32 0.77 0.00	38.22 0.62 -1.17	41.93 0.64 -1.43	35.14 0.92 0.00	29.26 0.99 0.00	26.69 0.98 0.00	25.24 0.88 0.00	24.22 0.86 0.00	24.57 0.83 0.00	25.76 0.85 0.00	28.36 0.85 0.00	33.12 0.39 -0.68	39.98 0.48 -5.53	36.53 0.49 -5.07	30.36 0.43 -5.88	27.25 0.37 -8.40	22.51 0.23 -11.39	19.34 0.15 -12.52	18.26 0.16 -12.52
PJM_GEN_NEPTUNE_PROXY 323594	42.50 1.74 -16.86	41.96 1.23 -23.60	41.25 1.18 -23.64	40.63 0.90 -27.58	40.66 1.29 -21.17	42.51 1.89 -14.08	51.85 2.70 -12.72	55.97 3.07 -13.03	45.99 2.67 -9.11	40.68 2.35 -10.06	30.23 2.08 -2.44	29.59 2.05 -3.19	28.23 1.96 -2.92	29.95 2.04 -4.17	33.15 2.12 -6.11	39.44 2.23 -9.71	61.59 2.72 -26.82	63.25 2.89 -26.38	49.43 2.63 -15.82	43.43 2.02 -17.35	41.10 1.50 -21.12	36.53 0.89 -24.74	35.41 0.52 -28.22	32.06 0.42 -26.05
PJM_GEN_VFT_PROXY 323633	27.29 1.34 -2.06	25.15 0.96 -7.07	25.03 0.92 -7.69	24.30 0.70 -11.44	25.32 0.98 -6.15	27.96 1.41 0.00	40.24 2.04 -1.77	44.42 2.39 -2.16	36.27 2.05 0.00	30.22 1.95 0.00	27.49 1.77 0.00	26.11 1.75 0.00	25.04 1.68 0.00	25.49 1.76 0.00	26.71 1.79 0.00	29.35 1.84 0.00	35.35 2.28 -1.03	44.55 2.21 -8.37	40.87 2.23 -7.66	34.65 1.71 -8.89	32.45 1.26 -12.71	28.90 0.77 -17.23	26.06 0.45 -18.94	24.89 0.36 -18.93

PLATSBRG_115KV_PMLD1 355749	0.06 -4.18 19.66	0.48 -2.96 13.68	0.69 -2.83 12.91	10.56 -2.04 -0.45	11.74 -3.35 3.11	21.96 -4.59 0.00	31.99 -4.52 -0.07	35.52 -4.43 -0.08	30.35 -3.87 0.00	24.93 -3.34 0.00	22.86 -2.85 0.00	21.85 -2.51 0.00	20.88 -2.48 0.00	20.77 -2.97 0.00	22.03 -2.89 0.00	24.53 -2.97 0.00	29.24 -2.85 -0.04	31.28 -3.02 -0.33	28.49 -2.79 -0.30	21.32 -3.08 -0.35	2.62 -2.31 13.55	1.02 -1.46 8.42	0.60 -0.91 5.15	0.21 -0.80 4.57
PLEASANTVLY___LBMP 24000	27.12 1.08 -2.15	25.28 0.77 -7.39	25.18 0.72 -8.03	24.65 0.55 -11.95	25.40 0.78 -6.42	27.72 1.17 0.00	39.96 1.68 -1.85	44.04 1.91 -2.26	35.86 1.64 0.00	29.68 1.41 0.00	26.92 1.21 0.00	25.60 1.24 0.00	24.52 1.17 0.00	24.99 1.26 0.00	26.21 1.30 0.00	28.85 1.35 0.00	34.85 1.73 -1.07	44.54 1.83 -8.73	40.68 1.70 -8.00	34.63 1.30 -9.28	32.69 0.94 -13.26	29.44 0.56 -17.98	26.78 0.34 -19.77	25.63 0.27 -19.76
PLSNTVLE_13_KV_13.8KVDIST 80602	27.22 1.24 -2.09	25.17 0.87 -7.18	25.06 0.84 -7.80	24.39 0.63 -11.61	25.34 0.91 -6.24	27.90 1.35 0.00	40.20 1.97 -1.79	44.33 2.27 -2.19	36.16 1.95 0.00	29.94 1.67 0.00	27.21 1.49 0.00	25.85 1.49 0.00	24.75 1.40 0.00	25.23 1.50 0.00	26.44 1.52 0.00	29.13 1.62 0.00	35.14 2.05 -1.04	44.63 2.17 -8.48	40.76 2.01 -7.77	34.58 1.52 -9.01	32.47 1.11 -12.88	29.01 0.65 -17.46	26.29 0.42 -19.20	25.12 0.34 -19.19
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	27.22 1.24 -2.09	25.17 0.87 -7.18	25.06 0.84 -7.80	24.39 0.63 -11.61	25.34 0.91 -6.24	27.90 1.35 0.00	40.20 1.97 -1.79	44.33 2.27 -2.19	36.16 1.95 0.00	29.94 1.67 0.00	27.21 1.49 0.00	25.85 1.49 0.00	24.75 1.40 0.00	25.23 1.50 0.00	26.44 1.52 0.00	29.13 1.62 0.00	35.14 2.05 -1.04	44.63 2.17 -8.48	40.76 2.01 -7.77	34.58 1.52 -9.01	32.47 1.11 -12.88	29.01 0.65 -17.46	26.29 0.42 -19.20	25.12 0.34 -19.19
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	27.33 1.34 -2.10	25.27 0.92 -7.23	25.16 0.89 -7.85	24.50 0.66 -11.69	25.44 0.96 -6.28	27.96 1.41 0.00	40.25 2.00 -1.81	44.35 2.27 -2.21	36.16 1.95 0.00	29.85 1.58 0.00	27.08 1.36 0.00	25.70 1.34 0.00	24.61 1.26 0.00	25.04 1.31 0.00	26.29 1.37 0.00	28.96 1.46 0.00	34.99 1.89 -1.05	44.62 2.11 -8.54	40.69 1.89 -7.82	34.55 1.42 -9.08	32.47 1.02 -12.97	29.07 0.59 -17.58	26.35 0.35 -19.33	25.20 0.29 -19.32
POLETTI____ 23519	27.34 1.39 -2.06	25.17 0.98 -7.07	25.05 0.94 -7.69	24.32 0.73 -11.44	25.34 1.00 -6.15	27.98 1.43 0.00	35.91 2.08 2.60	41.58 2.43 0.72	36.32 2.12 0.02	30.21 1.95 0.02	27.47 1.77 0.02	26.10 1.75 0.02	25.02 1.68 0.02	25.45 1.73 0.02	26.69 1.79 0.02	29.33 1.84 0.02	35.37 2.31 -1.01	37.01 2.31 -0.72	37.18 2.26 -3.95	34.68 1.76 -8.87	32.42 1.26 -12.68	28.86 0.75 -17.21	26.04 0.45 -18.92	24.86 0.36 -18.92
POMONA____ESR 323819	27.22 1.34 -1.99	24.90 0.92 -6.85	24.76 0.89 -7.45	23.91 0.67 -11.09	25.10 0.95 -5.96	27.93 1.38 0.00	40.15 2.00 -1.71	44.27 2.31 -2.09	36.20 1.98 0.00	30.02 1.75 0.00	27.31 1.59 0.00	25.92 1.56 0.00	24.83 1.47 0.00	25.28 1.54 0.00	26.51 1.60 0.00	29.18 1.68 0.00	35.16 2.11 -0.99	44.32 2.24 -8.11	40.51 2.11 -7.43	34.26 1.59 -8.62	31.96 1.17 -12.31	28.29 0.70 -16.69	25.43 0.41 -18.35	24.26 0.32 -18.35
PORT_JEFF_3 23555	42.67 1.91 -16.86	42.07 1.35 -23.60	41.36 1.30 -23.64	40.69 0.96 -27.58	40.77 1.40 -21.17	42.73 2.10 -14.08	51.96 2.81 -12.71	56.05 3.15 -13.03	46.19 2.87 -9.11	40.82 2.49 -10.06	30.49 2.34 -2.44	29.83 2.29 -3.19	28.47 2.19 -2.92	30.19 2.28 -4.17	33.42 2.39 -6.11	39.72 2.50 -9.71	61.76 2.89 -26.82	63.79 3.43 -26.38	49.88 3.04 -15.86	43.83 2.38 -17.40	41.45 1.81 -21.16	36.78 1.10 -24.78	35.52 0.63 -28.22	32.15 0.51 -26.05
PORT_JEFF_4 23616	42.67 1.91 -16.86	42.07 1.35 -23.60	41.36 1.30 -23.64	40.69 0.96 -27.58	40.77 1.40 -21.17	42.73 2.10 -14.08	51.96 2.81 -12.71	56.05 3.15 -13.03	46.19 2.87 -9.11	40.82 2.49 -10.06	30.49 2.34 -2.44	29.83 2.29 -3.19	28.47 2.19 -2.92	30.19 2.28 -4.17	33.42 2.39 -6.11	39.72 2.50 -9.71	61.76 2.89 -26.82	63.79 3.43 -26.38	49.88 3.04 -15.86	43.83 2.38 -17.40	41.45 1.81 -21.16	36.78 1.10 -24.78	35.52 0.63 -28.22	32.15 0.51 -26.05
PORT_JEFF_IC 23713	42.71 1.96 -16.86	42.11 1.39 -23.60	41.38 1.31 -23.64	40.72 0.98 -27.58	40.80 1.44 -21.17	42.78 2.15 -14.08	52.07 2.92 -12.71	56.17 3.27 -13.03	46.26 2.94 -9.11	40.88 2.55 -10.06	30.54 2.39 -2.44	29.86 2.32 -3.19	28.49 2.22 -2.92	30.23 2.33 -4.17	33.47 2.44 -6.11	39.80 2.58 -9.71	61.85 2.98 -26.82	63.93 3.57 -26.38	49.97 3.13 -15.87	43.91 2.45 -17.40	41.51 1.87 -21.16	36.81 1.12 -24.79	35.54 0.65 -28.22	32.16 0.53 -26.05
PPL PILGRIM_ST_GT1 24216	42.88 2.13 -16.86	42.21 1.49 -23.60	41.49 1.43 -23.64	40.80 1.07 -27.58	40.91 1.55 -21.17	42.97 2.34 -14.08	52.54 3.39 -12.71	56.73 3.83 -13.03	46.60 3.28 -9.11	41.07 2.74 -10.06	30.70 2.55 -2.44	30.03 2.49 -3.19	28.66 2.38 -2.92	30.38 2.47 -4.17	33.60 2.57 -6.11	39.99 2.78 -9.71	62.23 3.36 -26.82	64.20 3.84 -26.38	50.27 3.47 -15.82	44.03 2.62 -17.36	41.38 1.77 -21.12	36.72 1.08 -24.75	35.56 0.67 -28.22	32.19 0.55 -26.05
PPL PILGRIM_ST_GT2 24217	42.88 2.13 -16.86	42.21 1.49 -23.60	41.49 1.43 -23.64	40.80 1.07 -27.58	40.91 1.55 -21.17	42.97 2.34 -14.08	52.54 3.39 -12.71	56.73 3.83 -13.03	46.60 3.28 -9.11	41.07 2.74 -10.06	30.70 2.55 -2.44	30.03 2.49 -3.19	28.66 2.38 -2.92	30.38 2.47 -4.17	33.60 2.57 -6.11	39.99 2.78 -9.71	62.23 3.36 -26.82	64.20 3.84 -26.38	50.27 3.47 -15.82	44.03 2.62 -17.36	41.38 1.77 -21.12	36.72 1.08 -24.75	35.56 0.67 -28.22	32.19 0.55 -26.05
PPL_SHRM_GT3 24213	42.81 2.06 -16.86	42.18 1.45 -23.60	41.44 1.38 -23.64	40.75 1.02 -27.58	40.87 1.51 -21.17	42.91 2.28 -14.08	52.36 3.21 -12.71	56.53 3.63 -13.03	46.47 3.15 -9.11	40.93 2.60 -10.06	30.62 2.47 -2.44	29.96 2.41 -3.19	28.58 2.31 -2.92	30.30 2.40 -4.17	33.57 2.54 -6.11	39.94 2.72 -9.71	62.14 3.27 -26.82	64.33 3.97 -26.38	50.31 3.47 -15.86	44.14 2.69 -17.40	41.67 2.03 -21.16	36.88 1.20 -24.78	35.58 0.69 -28.22	32.19 0.56 -26.05
PPL_SHRM_GT4 24214	42.81 2.06 -16.86	42.18 1.45 -23.60	41.44 1.38 -23.64	40.75 1.02 -27.58	40.87 1.51 -21.17	42.91 2.28 -14.08	52.36 3.21 -12.71	56.53 3.63 -13.03	46.47 3.15 -9.11	40.93 2.60 -10.06	30.62 2.47 -2.44	29.96 2.41 -3.19	28.58 2.31 -2.92	30.30 2.40 -4.17	33.57 2.54 -6.11	39.94 2.72 -9.71	62.14 3.27 -26.82	64.33 3.97 -26.38	50.31 3.47 -15.86	44.14 2.69 -17.40	41.67 2.03 -21.16	36.88 1.20 -24.78	35.58 0.69 -28.22	32.19 0.56 -26.05
PROJECT___ORANGE I 24174	23.94 0.05 0.00	18.25 0.05 -1.08	17.69 0.05 -1.21	14.38 0.02 -2.20	19.36 0.05 -1.11	26.60 0.05 0.00	36.70 -0.07 -0.34	40.16 -0.12 -0.42	34.21 0.00 0.00	28.30 0.03 0.00	25.77 0.05 0.00	24.36 0.00 0.00	23.35 0.00 0.00	23.74 0.00 0.00	24.92 0.00 0.00	27.51 0.00 0.00	32.06 -0.19 -0.20	35.41 -0.17 -1.61	32.29 -0.15 -1.47	25.74 -0.02 -1.71	20.64 0.00 -2.16	14.02 0.00 -3.12	10.19 0.00 -3.52	9.14 0.02 -3.53

PROJECT___ORANGE 2 24166	23.94 0.05 0.00	18.25 0.05 -1.08	17.69 0.05 -1.21	14.38 0.02 -2.20	19.36 0.05 -1.11	26.60 0.05 0.00	36.70 -0.07 -0.34	40.16 -0.12 -0.42	34.21 0.00 0.00	28.30 0.03 0.00	25.77 0.05 0.00	24.36 0.00 0.00	23.35 0.00 0.00	23.74 0.00 0.00	24.92 0.00 0.00	27.51 0.00 0.00	32.06 -0.19 -0.20	35.41 -0.17 -1.61	32.29 -0.15 -1.47	25.74 -0.02 -1.71	20.64 0.00 -2.16	14.02 0.00 -3.12	10.19 0.00 -3.52	9.14 0.02 -3.53
PUCKETT___SOLAR 323809	25.66 0.86 -0.91	20.86 0.62 -3.13	20.41 0.59 -3.40	17.65 0.44 -5.06	21.60 0.69 -2.72	27.72 1.17 0.00	38.71 1.49 -0.78	42.42 1.60 -0.96	35.62 1.40 0.00	29.37 1.10 0.00	26.69 0.98 0.00	25.19 0.83 0.00	24.10 0.75 0.00	24.47 0.74 0.00	25.76 0.85 0.00	28.61 1.10 0.00	33.56 1.06 -0.45	38.86 1.19 -3.70	35.48 1.11 -3.39	28.87 0.89 -3.93	24.73 0.63 -5.61	18.89 0.38 -7.61	15.26 0.22 -8.37	14.15 0.20 -8.37
PYRITES___HYD 24023	4.73 -2.92 16.25	3.75 -2.17 11.20	3.71 -2.17 10.55	11.13 -1.60 -0.58	13.08 -2.66 2.46	22.91 -3.64 0.00	33.28 -3.24 -0.09	36.83 -3.15 -0.11	31.13 -3.08 0.00	25.44 -2.83 0.00	23.32 -2.39 0.00	22.19 -2.17 0.00	21.16 -2.20 0.00	20.98 -2.75 0.00	22.23 -2.69 0.00	24.84 -2.67 0.00	29.67 -2.44 -0.05	31.68 -2.72 -0.42	28.94 -2.42 -0.38	21.83 -2.67 -0.45	5.36 -2.00 11.12	2.94 -1.21 6.75	1.95 -0.74 3.98	1.44 -0.65 3.50
QUAKERRD_115KV_BK1 80622	23.96 -0.41 -0.47	18.42 -0.31 -1.61	17.91 -0.26 -1.75	14.55 -0.21 -2.60	19.32 -0.27 -1.40	25.94 -0.61 0.00	35.82 -1.02 -0.40	39.04 -1.32 -0.49	33.26 -0.96 0.00	27.62 -0.65 0.00	25.20 -0.51 0.00	23.70 -0.66 0.00	22.77 -0.58 0.00	23.05 -0.69 0.00	24.17 -0.75 0.00	26.74 -0.77 0.00	30.91 -1.38 -0.23	34.55 -1.33 -1.90	31.51 -1.21 -1.74	25.21 -0.87 -2.02	20.80 -0.57 -2.89	14.47 -0.35 -3.92	10.78 -0.19 -4.31	9.78 -0.12 -4.30
QUENSBRY_115KV_TB8 356137	28.27 1.82 -2.56	27.22 1.30 -8.80	27.25 1.26 -9.56	27.32 0.94 -14.23	27.26 1.42 -7.65	28.86 2.31 0.00	42.13 3.50 -2.20	46.10 3.55 -2.69	37.09 2.87 0.00	30.31 2.04 0.00	27.36 1.65 0.00	25.72 1.36 0.00	24.71 1.35 0.00	25.14 1.40 0.00	26.51 1.59 0.00	29.29 1.79 0.00	35.47 2.15 -1.28	46.92 2.55 -10.40	42.73 2.23 -9.52	36.72 1.61 -11.05	35.46 1.18 -15.79	32.97 0.66 -21.41	30.67 0.46 -23.54	29.51 0.39 -23.53
RAMAPO___LBMP 323565	27.10 1.22 -1.99	24.82 0.86 -6.84	24.68 0.82 -7.44	23.84 0.62 -11.07	25.01 0.87 -5.95	27.85 1.30 0.00	40.00 1.86 -1.71	44.11 2.15 -2.09	36.03 1.81 0.00	29.91 1.64 0.00	27.18 1.47 0.00	25.82 1.46 0.00	24.73 1.38 0.00	25.18 1.45 0.00	26.41 1.49 0.00	29.05 1.54 0.00	35.00 1.96 -0.99	44.13 2.07 -8.08	40.33 1.95 -7.41	34.14 1.95 -8.59	31.83 1.49 -12.28	28.18 1.07 -16.65	25.35 0.38 -18.30	24.19 0.30 -18.30
RANKINE____ 23646	24.65 0.19 -0.56	19.17 0.12 -1.93	18.69 0.16 -2.10	15.39 0.11 -3.12	20.05 0.18 -1.68	26.97 0.42 0.00	36.37 -0.55 -0.48	39.58 -0.88 -0.59	34.45 0.24 0.00	28.75 0.48 0.00	26.36 0.64 0.00	24.80 0.44 0.00	23.87 0.51 0.00	24.07 0.33 0.00	25.22 0.30 0.00	27.86 0.36 0.00	31.05 -1.28 -0.28	35.03 -1.22 -2.28	31.95 -1.12 -2.09	25.76 -0.72 -2.42	21.56 -0.39 -3.46	15.39 -0.21 -4.70	11.74 -0.09 -5.16	10.78 0.03 -5.16
RAVENSWOOD_GT2_1 24244	27.41 1.46 -2.06	25.24 1.04 -7.07	25.10 0.99 -7.69	24.35 0.75 -11.44	25.40 1.06 -6.15	28.09 1.54 0.00	40.39 2.19 -1.77	44.58 2.55 -2.16	36.40 2.19 0.00	30.28 2.01 0.00	27.54 1.83 0.00	26.16 1.80 0.00	25.08 1.73 0.00	25.54 1.80 0.00	26.78 1.87 0.00	29.43 1.93 0.00	35.45 2.37 -1.03	44.75 2.41 -8.36	40.96 2.32 -7.66	34.74 1.80 -8.88	32.47 1.29 -12.69	28.88 0.77 -17.21	26.06 0.47 -18.92	24.88 0.37 -18.92
RAVENSWOOD_GT2_2 24245	27.41 1.46 -2.06	25.24 1.04 -7.07	25.10 0.99 -7.69	24.35 0.75 -11.44	25.40 1.06 -6.15	28.09 1.54 0.00	40.39 2.19 -1.77	44.58 2.55 -2.16	36.40 2.19 0.00	30.28 2.01 0.00	27.54 1.83 0.00	26.16 1.80 0.00	25.08 1.73 0.00	25.54 1.80 0.00	26.78 1.87 0.00	29.43 1.93 0.00	35.45 2.37 -1.03	44.75 2.41 -8.36	40.96 2.32 -7.66	34.74 1.80 -8.88	32.47 1.29 -12.69	28.88 0.77 -17.21	26.06 0.47 -18.92	24.88 0.37 -18.92
RAVENSWOOD_GT2_3 24246	27.43 1.48 -2.06	25.24 1.04 -7.07	25.10 0.99 -7.69	24.35 0.75 -11.44	25.42 1.07 -6.15	28.09 1.54 0.00	40.39 2.19 -1.77	44.58 2.55 -2.16	36.44 2.22 0.00	30.31 2.04 0.00	27.54 1.83 0.00	26.19 1.83 0.00	25.10 1.75 0.00	25.54 1.80 0.00	26.78 1.87 0.00	29.43 1.93 0.00	35.48 2.40 -1.03	44.75 2.41 -8.36	40.99 2.35 -7.66	34.74 1.80 -8.88	32.49 1.31 -12.69	28.88 0.77 -17.21	26.06 0.47 -18.92	24.89 0.38 -18.92
RAVENSWOOD_GT2_4 24247	27.43 1.48 -2.06	25.24 1.04 -7.07	25.10 0.99 -7.69	24.35 0.75 -11.44	25.42 1.07 -6.15	28.09 1.54 0.00	40.39 2.19 -1.77	44.58 2.55 -2.16	36.44 2.22 0.00	30.31 2.04 0.00	27.54 1.83 0.00	26.19 1.83 0.00	25.10 1.75 0.00	25.54 1.80 0.00	26.78 1.87 0.00	29.43 1.93 0.00	35.48 2.40 -1.03	44.75 2.41 -8.36	40.99 2.35 -7.66	34.74 1.80 -8.88	32.49 1.31 -12.69	28.88 0.77 -17.21	26.06 0.47 -18.92	24.89 0.38 -18.92
RAVENSWOOD_GT3_1 24248	27.41 1.46 -2.06	25.24 1.04 -7.07	25.10 0.99 -7.69	24.35 0.75 -11.44	25.42 1.07 -6.15	28.09 1.54 0.00	40.39 2.19 -1.77	44.58 2.55 -2.16	36.44 2.22 0.00	30.31 2.04 0.00	27.54 1.83 0.00	26.16 1.80 0.00	25.08 1.73 0.00	25.54 1.80 0.00	26.78 1.87 0.00	29.43 1.93 0.00	35.45 2.37 -1.03	44.75 2.41 -8.36	40.99 2.35 -7.66	34.74 1.80 -8.88	32.47 1.29 -12.69	28.88 0.77 -17.21	26.06 0.47 -18.92	24.88 0.37 -18.92
RAVENSWOOD_GT3_2 24249	27.41 1.46 -2.06	25.24 1.04 -7.07	25.10 0.99 -7.69	24.35 0.75 -11.44	25.42 1.07 -6.15	28.09 1.54 0.00	40.39 2.19 -1.77	44.58 2.55 -2.16	36.44 2.22 0.00	30.31 2.04 0.00	27.54 1.83 0.00	26.16 1.80 0.00	25.08 1.73 0.00	25.54 1.80 0.00	26.78 1.87 0.00	29.43 1.93 0.00	35.45 2.37 -1.03	44.75 2.41 -8.36	40.99 2.35 -7.66	34.74 1.80 -8.88	32.47 1.29 -12.69	28.88 0.77 -17.21	26.06 0.47 -18.92	24.88 0.37 -18.92
RAVENSWOOD_GT3_3 24250	27.43 1.48 -2.06	25.26 1.06 -7.07	25.11 1.00 -7.69	24.36 0.77 -11.44	25.43 1.09 -6.15	28.12 1.57 0.00	40.43 2.22 -1.77	44.62 2.59 -2.16	36.47 2.26 0.00	30.33 2.06 0.00	27.57 1.85 0.00	26.21 1.85 0.00	25.13 1.77 0.00	25.56 1.83 0.00	26.81 1.89 0.00	29.46 1.95 0.00	35.51 2.44 -1.03	44.81 2.48 -8.36	41.02 2.39 -7.66	34.76 1.83 -8.88	32.51 1.33 -12.69	28.89 0.78 -17.21	26.06 0.47 -18.92	24.89 0.38 -18.92
RAVENSWOOD_GT3_4 24251	27.43 1.48 -2.06	25.26 1.06 -7.07	25.11 1.00 -7.69	24.36 0.77 -11.44	25.43 1.09 -6.15	28.12 1.57 0.00	40.43 2.22 -1.77	44.62 2.59 -2.16	36.47 2.26 0.00	30.33 2.06 0.00	27.57 1.85 0.00	26.21 1.85 0.00	25.13 1.77 0.00	25.56 1.83 0.00	26.81 1.89 0.00	29.46 1.95 0.00	35.51 2.44 -1.03	44.81 2.48 -8.36	41.02 2.39 -7.66	34.76 1.83 -8.88	32.51 1.33 -12.69	28.89 0.78 -17.21	26.06 0.47 -18.92	24.89 0.38 -18.92

RAVENSWOOD_GT_1 23729	27.55 1.60 -2.06	25.34 1.15 -7.07	25.20 1.08 -7.69	24.41 0.81 -11.44	25.51 1.16 -6.15	28.17 1.62 0.00	40.35 2.15 -1.77	44.50 2.47 -2.16	36.44 2.22 0.00	30.33 2.06 0.00	27.62 1.90 0.00	26.24 1.88 0.00	25.15 1.80 0.00	25.61 1.88 0.00	26.86 1.94 0.00	29.49 1.98 0.00	35.54 2.47 -1.03	44.78 2.45 -8.36	41.02 2.39 -7.66	34.76 1.83 -8.88	32.49 1.31 -12.69	28.89 0.78 -17.21	26.08 0.49 -18.92	24.93 0.41 -18.93
RAVENSWOOD_GT_10 24258	27.41 1.46 -2.06	25.22 1.03 -7.07	25.10 0.99 -7.69	24.35 0.75 -11.44	25.40 1.06 -6.15	28.09 1.54 0.00	40.39 2.19 -1.77	44.58 2.55 -2.16	36.44 2.22 0.00	30.28 2.01 0.00	27.54 1.83 0.00	26.16 1.80 0.00	25.08 1.73 0.00	25.54 1.80 0.00	26.78 1.87 0.00	29.43 1.93 0.00	35.45 2.37 -1.03	44.75 2.41 -8.36	40.99 2.35 -7.66	34.74 1.80 -8.88	32.49 1.31 -12.69	28.88 0.77 -17.21	26.06 0.47 -18.92	24.88 0.37 -18.92
RAVENSWOOD_GT_11 24259	27.41 1.46 -2.06	25.22 1.03 -7.07	25.10 0.99 -7.69	24.35 0.75 -11.44	25.40 1.06 -6.15	28.09 1.54 0.00	40.39 2.19 -1.77	44.58 2.55 -2.16	36.44 2.22 0.00	30.28 2.01 0.00	27.54 1.83 0.00	26.16 1.80 0.00	25.08 1.73 0.00	25.54 1.80 0.00	26.78 1.87 0.00	29.43 1.93 0.00	35.45 2.37 -1.03	44.75 2.41 -8.36	40.99 2.35 -7.66	34.74 1.80 -8.88	32.49 1.31 -12.69	28.88 0.77 -17.21	26.06 0.47 -18.92	24.88 0.37 -18.92
RAVENSWOOD_GT_4 24252	27.38 1.43 -2.06	25.21 1.01 -7.07	25.08 0.97 -7.69	24.34 0.74 -11.44	25.40 1.06 -6.15	28.06 1.51 0.00	40.43 2.22 -1.77	44.62 2.59 -2.16	36.44 2.22 0.00	30.28 2.01 0.00	27.54 1.83 0.00	26.16 1.80 0.00	25.08 1.73 0.00	25.52 1.78 0.00	26.76 1.84 0.00	29.43 1.93 0.00	35.45 2.37 -1.03	44.75 2.41 -8.36	40.99 2.35 -7.66	34.74 1.80 -8.88	32.49 1.31 -12.69	28.88 0.77 -17.21	26.05 0.46 -18.92	24.87 0.37 -18.91
RAVENSWOOD_GT_5 24254	27.38 1.43 -2.06	25.21 1.01 -7.07	25.08 0.97 -7.69	24.34 0.74 -11.44	25.40 1.06 -6.15	28.06 1.51 0.00	40.43 2.22 -1.77	44.62 2.59 -2.16	36.44 2.22 0.00	30.28 2.01 0.00	27.54 1.83 0.00	26.16 1.80 0.00	25.08 1.73 0.00	25.52 1.78 0.00	26.76 1.84 0.00	29.43 1.93 0.00	35.45 2.37 -1.03	44.75 2.41 -8.36	40.99 2.35 -7.66	34.74 1.80 -8.88	32.49 1.31 -12.69	28.88 0.77 -17.21	26.05 0.46 -18.92	24.87 0.37 -18.91
RAVENSWOOD_GT_6 24253	27.38 1.43 -2.06	25.21 1.01 -7.07	25.08 0.97 -7.69	24.34 0.74 -11.44	25.40 1.06 -6.15	28.06 1.51 0.00	40.43 2.22 -1.77	44.62 2.59 -2.16	36.44 2.22 0.00	30.28 2.01 0.00	27.54 1.83 0.00	26.16 1.80 0.00	25.08 1.73 0.00	25.52 1.78 0.00	26.76 1.84 0.00	29.43 1.93 0.00	35.45 2.37 -1.03	44.75 2.41 -8.36	40.99 2.35 -7.66	34.74 1.80 -8.88	32.49 1.31 -12.69	28.88 0.77 -17.21	26.05 0.46 -18.92	24.87 0.37 -18.91
RAVENSWOOD_GT_7 24255	27.38 1.43 -2.06	25.21 1.01 -7.07	25.08 0.97 -7.69	24.34 0.74 -11.44	25.40 1.06 -6.15	28.06 1.51 0.00	40.43 2.22 -1.77	44.62 2.59 -2.16	36.44 2.22 0.00	30.28 2.01 0.00	27.54 1.83 0.00	26.16 1.80 0.00	25.08 1.73 0.00	25.52 1.78 0.00	26.76 1.84 0.00	29.43 1.93 0.00	35.45 2.37 -1.03	44.75 2.41 -8.36	40.99 2.35 -7.66	34.74 1.80 -8.88	32.49 1.31 -12.69	28.88 0.77 -17.21	26.05 0.46 -18.92	24.87 0.37 -18.91
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	27.41 1.46 -2.06	25.22 1.03 -7.07	25.10 0.99 -7.69	24.35 0.75 -11.44	25.40 1.06 -6.15	28.09 1.54 0.00	40.39 2.19 -1.77	44.58 2.55 -2.16	36.44 2.22 0.00	30.28 2.01 0.00	27.54 1.83 0.00	26.16 1.80 0.00	25.08 1.73 0.00	25.54 1.80 0.00	26.78 1.87 0.00	29.43 1.93 0.00	35.45 2.37 -1.03	44.75 2.41 -8.36	40.99 2.35 -7.66	34.74 1.80 -8.88	32.49 1.31 -12.69	28.88 0.77 -17.21	26.06 0.47 -18.92	24.88 0.37 -18.92
RAVENSWOOD_GT_9 24257	27.41 1.46 -2.06	25.22 1.03 -7.07	25.10 0.99 -7.69	24.35 0.75 -11.44	25.40 1.06 -6.15	28.09 1.54 0.00	40.39 2.19 -1.77	44.58 2.55 -2.16	36.44 2.22 0.00	30.28 2.01 0.00	27.54 1.83 0.00	26.16 1.80 0.00	25.08 1.73 0.00	25.54 1.80 0.00	26.78 1.87 0.00	29.43 1.93 0.00	35.45 2.37 -1.03	44.75 2.41 -8.36	40.99 2.35 -7.66	34.74 1.80 -8.88	32.49 1.31 -12.69	28.88 0.77 -17.21	26.06 0.47 -18.92	24.88 0.37 -18.92
RAVENSWOOD___1 23533	27.53 1.58 -2.06	25.33 1.13 -7.07	25.18 1.07 -7.69	24.41 0.81 -11.44	25.51 1.17 -6.15	28.14 1.59 0.00	40.35 2.15 -1.77	44.50 2.47 -2.16	36.44 2.22 0.00	30.33 2.06 0.00	27.59 1.88 0.00	26.21 1.85 0.00	25.15 1.80 0.00	25.59 1.85 0.00	26.83 1.92 0.00	29.46 1.95 0.00	35.51 2.43 -1.03	44.79 2.45 -8.37	40.99 2.35 -7.66	34.75 1.80 -8.89	32.48 1.29 -12.71	28.93 0.81 -17.23	26.10 0.49 -18.94	24.94 0.41 -18.94
RAVENSWOOD___2 23534	27.53 1.58 -2.06	25.33 1.13 -7.07	25.18 1.07 -7.69	24.41 0.81 -11.44	25.49 1.15 -6.15	28.14 1.59 0.00	40.32 2.11 -1.77	44.50 2.47 -2.16	36.41 2.19 0.00	30.33 2.06 0.00	27.59 1.88 0.00	26.21 1.85 0.00	25.15 1.80 0.00	25.59 1.85 0.00	26.83 1.92 0.00	29.46 1.95 0.00	35.51 2.43 -1.03	44.75 2.41 -8.37	40.99 2.35 -7.66	34.75 1.80 -8.89	32.48 1.29 -12.71	28.92 0.80 -17.23	26.10 0.49 -18.94	24.94 0.41 -18.94
RAVENSWOOD___3 23535	27.41 1.46 -2.06	25.24 1.04 -7.07	25.10 0.99 -7.69	24.35 0.75 -11.44	25.42 1.07 -6.15	28.09 1.54 0.00	40.39 2.19 -1.77	44.58 2.55 -2.16	36.44 2.22 0.00	30.31 2.04 0.00	27.54 1.83 0.00	26.19 1.83 0.00	25.08 1.73 0.00	25.54 1.80 0.00	26.79 1.87 0.00	29.43 1.92 0.00	35.45 2.37 -1.03	44.75 2.41 -8.37	40.99 2.35 -7.66	34.75 1.80 -8.89	32.48 1.29 -12.71	28.92 0.80 -17.23	26.08 0.47 -18.94	24.90 0.37 -18.94
RAVENSWOOD___4 23820	27.53 1.58 -2.06	25.33 1.13 -7.07	25.18 1.07 -7.69	24.40 0.80 -11.44	25.49 1.15 -6.15	28.12 1.57 0.00	40.32 2.11 -1.77	44.46 2.43 -2.16	36.41 2.19 0.00	30.31 2.04 0.00	27.59 1.88 0.00	26.21 1.85 0.00	25.13 1.77 0.00	25.59 1.85 0.00	26.81 1.89 0.00	29.43 1.92 0.00	35.51 2.43 -1.03	44.75 2.41 -8.37	40.99 2.35 -7.66	34.75 1.80 -8.89	32.46 1.27 -12.71	28.92 0.80 -17.23	26.10 0.49 -18.94	24.93 0.40 -18.94
RCPI_TRUST___DRP 24196	27.41 1.46 -2.06	25.24 1.04 -7.07	25.11 1.00 -7.69	24.36 0.77 -11.44	25.41 1.07 -6.15	28.12 1.57 0.00	40.46 2.26 -1.77	44.70 2.67 -2.16	36.47 2.26 0.00	30.36 2.09 0.00	27.59 1.88 0.00	26.24 1.88 0.00	25.13 1.77 0.00	25.59 1.85 0.00	26.83 1.92 0.00	29.49 1.98 0.00	35.51 2.44 -1.02	44.81 2.48 -8.36	41.02 2.39 -7.66	34.79 1.85 -8.88	32.51 1.33 -12.69	28.90 0.80 -17.21	26.06 0.47 -18.92	24.89 0.38 -18.92
RED___ROCHESTER 323720	24.58 0.21 -0.47	18.89 0.14 -1.63	18.35 0.15 -1.78	14.89 0.10 -2.64	19.81 0.20 -1.42	26.58 0.03 0.00	36.66 -0.18 -0.41	39.97 -0.40 -0.50	34.11 -0.10 0.00	28.38 0.11 0.00	25.90 0.18 0.00	24.34 -0.02 0.00	23.38 0.02 0.00	23.64 -0.09 0.00	24.82 -0.10 0.00	27.42 -0.08 0.00	31.55 -0.74 -0.24	35.33 -0.58 -1.93	32.16 -0.59 -1.77	25.70 -0.41 -2.05	21.25 -0.17 -2.93	14.76 -0.12 -3.98	11.00 -0.05 -4.37	9.98 0.02 -4.37

REGAN___SOLAR 323812	28.30 1.43 -2.97	28.39 1.06 -10.21	28.55 1.04 -11.09	29.44 0.78 -16.51	28.30 1.24 -8.87	28.67 2.12 0.00	42.60 3.61 -2.55	47.25 4.27 -3.12	37.63 3.42 0.00	30.70 2.43 0.00	27.64 1.93 0.00	25.97 1.61 0.00	24.85 1.50 0.00	25.28 1.54 0.00	26.76 1.84 0.00	30.01 2.50 0.00	36.39 2.85 -1.48	48.42 2.34 -12.10	44.60 2.54 -11.08	38.72 1.80 -12.86	38.19 1.33 -18.38	36.62 0.81 -24.91	34.47 0.41 -27.39	33.27 0.30 -27.38
RENSSELAER___COGEN 23796	26.71 0.33 -2.48	25.94 0.27 -8.55	25.96 0.25 -9.29	26.15 0.17 -13.82	25.93 0.31 -7.43	27.03 0.48 0.00	39.19 0.62 -2.14	43.11 0.64 -2.61	34.69 0.48 0.00	28.61 0.34 0.00	25.95 0.23 0.00	24.65 0.29 0.00	23.66 0.30 0.00	24.11 0.38 0.00	25.31 0.40 0.00	27.89 0.38 0.00	33.90 0.61 -1.24	44.77 0.68 -10.12	40.83 0.59 -9.27	35.24 0.43 -10.76	34.13 0.28 -15.37	31.89 0.15 -20.84	29.67 0.09 -22.91	28.56 0.07 -22.90
REPUBLIC_115KV_BARTNBRK 55605	29.39 2.94 -2.56	28.02 2.11 -8.80	28.02 2.04 -9.56	27.90 1.52 -14.23	28.13 2.29 -7.64	30.27 3.72 0.00	44.28 5.65 -2.20	48.37 5.82 -2.69	38.97 4.76 0.00	31.66 3.39 0.00	28.49 2.78 0.00	26.67 2.31 0.00	25.66 2.31 0.00	26.04 2.30 0.00	27.53 2.62 0.00	30.72 3.22 0.00	37.11 3.78 -1.27	48.68 4.31 -10.39	44.43 3.93 -9.52	37.96 2.86 -11.05	36.41 2.14 -15.78	33.52 1.22 -21.40	30.96 0.76 -23.53	29.74 0.63 -23.52
REVERE_CPPR_DRP 24186	23.49 0.65 1.05	17.45 0.48 0.15	16.83 0.44 0.04	13.68 0.33 -1.19	19.15 0.53 -0.43	27.43 0.88 0.00	38.11 1.49 -0.18	41.77 1.67 -0.23	35.48 1.27 0.00	29.18 0.90 0.00	26.59 0.87 0.00	25.11 0.76 0.00	23.96 0.61 0.00	24.31 0.57 0.00	25.59 0.67 0.00	28.44 0.94 0.00	33.31 1.15 -0.11	35.97 1.12 -0.87	32.89 1.12 -0.80	25.75 0.77 -0.93	19.44 0.54 -0.42	12.44 0.33 -1.21	8.44 0.18 -1.60	7.36 0.13 -1.63
REYNOLDS_115KV_TB3 80639	26.88 0.50 -2.49	26.06 0.38 -8.56	26.09 0.36 -9.30	26.25 0.26 -13.84	26.05 0.42 -7.44	27.21 0.66 0.00	39.45 0.87 -2.14	43.40 0.92 -2.61	34.93 0.72 0.00	28.81 0.54 0.00	26.10 0.39 0.00	24.80 0.44 0.00	23.80 0.44 0.00	24.26 0.52 0.00	25.46 0.55 0.00	28.08 0.58 0.00	34.12 0.83 -1.24	44.97 0.88 -10.11	41.01 0.77 -9.26	35.38 0.58 -10.75	34.23 0.39 -15.36	31.95 0.23 -20.82	29.71 0.15 -22.89	28.59 0.11 -22.89
RIVERBAY____ 323610	27.89 1.94 -2.06	25.60 1.40 -7.07	25.44 1.33 -7.69	24.60 1.01 -11.44	25.78 1.44 -6.15	28.49 1.94 0.00	40.54 2.33 -1.77	44.66 2.63 -2.16	36.54 2.33 0.00	30.42 2.15 0.00	27.67 1.95 0.00	26.26 1.90 0.00	25.20 1.84 0.00	25.66 1.92 0.00	26.88 1.97 0.00	29.51 2.01 0.00	35.61 2.53 -1.03	44.68 2.34 -8.36	41.08 2.45 -7.66	34.81 1.88 -8.88	32.53 1.35 -12.69	28.94 0.83 -17.21	26.13 0.54 -18.92	24.98 0.46 -18.92
RIVERSDE_115KV_TB3 55908	26.82 0.43 -2.49	26.02 0.33 -8.58	26.06 0.31 -9.32	26.24 0.22 -13.87	26.01 0.36 -7.45	27.13 0.58 0.00	39.38 0.80 -2.14	43.32 0.84 -2.62	34.86 0.65 0.00	28.75 0.48 0.00	26.05 0.33 0.00	24.75 0.39 0.00	23.75 0.40 0.00	24.21 0.47 0.00	25.41 0.50 0.00	28.00 0.50 0.00	34.03 0.74 -1.24	44.93 0.82 -10.13	40.97 0.71 -9.28	35.35 0.53 -10.77	34.23 0.35 -15.39	31.96 0.20 -20.87	29.74 0.13 -22.94	28.62 0.09 -22.94
ROARING___BROOK_WT_PWR 323790	-0.83 -1.89 22.84	-0.22 -1.34 16.01	0.00 -1.30 15.13	11.51 -0.92 -0.28	13.04 -1.42 3.73	24.59 -1.96 0.00	34.44 -2.04 -0.04	37.84 -2.07 -0.05	32.40 -1.81 0.00	26.72 -1.55 0.00	24.35 -1.36 0.00	23.14 -1.22 0.00	22.16 -1.19 0.00	22.38 -1.35 0.00	23.57 -1.35 0.00	26.07 -1.43 0.00	30.57 -1.51 -0.03	32.38 -1.80 -0.21	29.31 -1.86 -0.19	22.44 -1.83 -0.22	1.16 -1.46 15.86	0.00 -0.85 10.05	-0.18 -0.53 6.32	-0.51 -0.45 5.65
ROCHESRG_115KV_T4 355643	24.39 0.02 -0.47	18.75 0.00 -1.63	18.23 0.03 -1.77	14.80 0.01 -2.63	19.66 0.05 -1.41	26.36 -0.19 0.00	36.30 -0.55 -0.41	39.53 -0.84 -0.50	33.73 -0.48 0.00	28.07 -0.20 0.00	25.64 -0.08 0.00	24.12 -0.24 0.00	23.17 -0.19 0.00	23.45 -0.28 0.00	24.59 -0.32 0.00	27.18 -0.33 0.00	31.23 -1.06 -0.24	34.95 -0.95 -1.92	31.84 -0.90 -1.76	25.52 -0.58 -2.04	21.09 -0.31 -2.92	14.67 -0.19 -3.96	10.94 -0.09 -4.35	9.93 -0.02 -4.35
ROCHESTER_9_IC 23652	24.51 0.14 -0.48	18.84 0.09 -1.63	18.30 0.10 -1.78	14.86 0.06 -2.64	19.76 0.15 -1.42	26.50 -0.05 0.00	36.52 -0.33 -0.41	39.77 -0.60 -0.50	33.94 -0.27 0.00	28.24 -0.03 0.00	25.79 0.08 0.00	24.24 -0.12 0.00	23.28 -0.07 0.00	23.55 -0.19 0.00	24.72 -0.20 0.00	27.31 -0.19 0.00	31.42 -0.87 -0.24	35.19 -0.71 -1.93	32.03 -0.71 -1.77	25.67 -0.43 -2.05	21.19 -0.22 -2.93	14.73 -0.14 -3.98	10.97 -0.07 -4.37	9.97 0.01 -4.37
ROCKVIEW_13_KV_LD 356306	27.41 1.46 -2.06	25.22 1.03 -7.07	25.08 0.97 -7.69	24.33 0.74 -11.44	25.40 1.06 -6.15	28.14 1.59 0.00	40.50 2.30 -1.77	44.78 2.75 -2.16	36.54 2.33 0.00	30.33 2.06 0.00	27.57 1.85 0.00	26.19 1.83 0.00	25.08 1.73 0.00	25.54 1.80 0.00	26.78 1.87 0.00	29.46 1.95 0.00	35.54 2.47 -1.02	44.91 2.58 -8.36	41.02 2.39 -7.66	34.76 1.83 -8.88	32.53 1.35 -12.69	28.89 0.78 -17.21	26.04 0.45 -18.92	24.87 0.36 -18.91
ROME____115KV_TB2 80656	23.49 0.65 1.05	17.45 0.48 0.15	16.83 0.44 0.04	13.68 0.33 -1.19	19.15 0.53 -0.43	27.43 0.88 0.00	38.11 1.49 -0.18	41.77 1.67 -0.23	35.48 1.27 0.00	29.18 0.90 0.00	26.59 0.87 0.00	25.11 0.76 0.00	23.96 0.61 0.00	24.31 0.57 0.00	25.59 0.67 0.00	28.44 0.94 0.00	33.31 1.15 -0.11	35.97 1.12 -0.87	32.89 1.12 -0.80	25.75 0.77 -0.93	19.44 0.54 -0.42	12.44 0.33 -1.21	8.44 0.18 -1.60	7.36 0.13 -1.63
ROSETON___1 23587	27.04 1.10 -2.05	24.93 0.77 -7.04	24.81 0.74 -7.65	24.10 0.56 -11.38	25.09 0.78 -6.12	27.72 1.17 0.00	39.87 1.68 -1.76	43.93 1.91 -2.15	35.86 1.64 0.00	29.68 1.41 0.00	26.97 1.26 0.00	25.63 1.27 0.00	24.54 1.19 0.00	24.99 1.26 0.00	26.21 1.29 0.00	28.85 1.35 0.00	34.83 1.76 -1.02	44.17 1.87 -8.32	40.30 1.70 -7.63	34.20 1.30 -8.85	32.07 0.94 -12.64	28.61 0.57 -17.14	25.86 0.35 -18.85	24.70 0.27 -18.84
ROSETON___2 23588	27.04 1.10 -2.05	24.93 0.77 -7.04	24.81 0.74 -7.65	24.10 0.56 -11.38	25.09 0.78 -6.12	27.72 1.17 0.00	39.87 1.68 -1.76	43.93 1.91 -2.15	35.86 1.64 0.00	29.68 1.41 0.00	26.97 1.26 0.00	25.63 1.27 0.00	24.54 1.19 0.00	24.99 1.26 0.00	26.21 1.29 0.00	28.85 1.35 0.00	34.83 1.76 -1.02	44.17 1.87 -8.32	40.30 1.70 -7.63	34.20 1.30 -8.85	32.07 0.94 -12.64	28.61 0.57 -17.14	25.86 0.35 -18.85	24.70 0.27 -18.84
ROTTDRAM_115KV_TB3 80664	27.34 0.86 -2.58	26.63 0.62 -8.89	26.68 0.59 -9.66	26.97 0.44 -14.38	26.59 0.67 -7.73	27.61 1.06 0.00	40.22 1.57 -2.22	44.22 1.63 -2.72	35.55 1.33 0.00	29.26 0.99 0.00	26.49 0.77 0.00	25.09 0.73 0.00	24.08 0.72 0.00	24.52 0.78 0.00	25.76 0.85 0.00	28.41 0.91 0.00	34.49 1.15 -1.29	45.74 1.26 -10.50	41.74 1.15 -9.62	36.08 0.87 -11.17	35.07 0.63 -15.96	32.89 0.36 -21.63	30.68 0.23 -23.78	29.55 0.18 -23.78

RUSSELL___1 23602	24.58 0.22 -0.47	18.89 0.14 -1.63	18.35 0.15 -1.78	14.89 0.10 -2.64	19.81 0.20 -1.42	26.58 0.03 0.00	36.66 -0.18 -0.41	39.97 -0.40 -0.50	34.11 -0.10 0.00	28.38 0.11 0.00	25.89 0.18 0.00	24.34 -0.02 0.00	23.38 0.02 0.00	23.64 -0.09 0.00	24.82 -0.10 0.00	27.42 -0.08 0.00	31.55 -0.74 -0.24	35.36 -0.54 -1.93	32.16 -0.59 -1.77	25.74 -0.36 -2.05	21.25 -0.17 -2.93	14.77 -0.11 -3.98	10.99 -0.05 -4.37	9.98 0.02 -4.37
RUSSELL___2 23532	24.58 0.22 -0.47	18.89 0.14 -1.63	18.35 0.15 -1.78	14.89 0.10 -2.64	19.81 0.20 -1.42	26.58 0.03 0.00	36.66 -0.18 -0.41	39.97 -0.40 -0.50	34.11 -0.10 0.00	28.38 0.11 0.00	25.89 0.18 0.00	24.34 -0.02 0.00	23.38 0.02 0.00	23.64 -0.09 0.00	24.82 -0.10 0.00	27.42 -0.08 0.00	31.55 -0.74 -0.24	35.36 -0.54 -1.93	32.16 -0.59 -1.77	25.74 -0.36 -2.05	21.25 -0.17 -2.93	14.77 -0.11 -3.98	10.99 -0.05 -4.37	9.98 0.02 -4.37
RUSSELL___3 23549	24.58 0.22 -0.47	18.89 0.14 -1.63	18.35 0.15 -1.78	14.89 0.10 -2.64	19.81 0.20 -1.42	26.58 0.03 0.00	36.66 -0.18 -0.41	39.97 -0.40 -0.50	34.11 -0.10 0.00	28.38 0.11 0.00	25.89 0.18 0.00	24.34 -0.02 0.00	23.38 0.02 0.00	23.64 -0.09 0.00	24.82 -0.10 0.00	27.42 -0.08 0.00	31.55 -0.74 -0.24	35.36 -0.54 -1.93	32.16 -0.59 -1.77	25.74 -0.36 -2.05	21.25 -0.17 -2.93	14.77 -0.11 -3.98	10.99 -0.05 -4.37	9.98 0.02 -4.37
RUSSELL___4 23556	24.58 0.22 -0.47	18.89 0.14 -1.63	18.35 0.15 -1.78	14.89 0.10 -2.64	19.81 0.20 -1.42	26.58 0.03 0.00	36.66 -0.18 -0.41	39.97 -0.40 -0.50	34.11 -0.10 0.00	28.38 0.11 0.00	25.89 0.18 0.00	24.34 -0.02 0.00	23.38 0.02 0.00	23.64 -0.09 0.00	24.82 -0.10 0.00	27.42 -0.08 0.00	31.55 -0.74 -0.24	35.36 -0.54 -1.93	32.16 -0.59 -1.77	25.74 -0.36 -2.05	21.25 -0.17 -2.93	14.77 -0.11 -3.98	10.99 -0.05 -4.37	9.98 0.02 -4.37
RUSSELL___STATION 23914	24.58 0.22 -0.47	18.89 0.14 -1.63	18.35 0.15 -1.78	14.89 0.10 -2.64	19.81 0.20 -1.42	26.58 0.03 0.00	36.66 -0.18 -0.41	39.97 -0.40 -0.50	34.11 -0.10 0.00	28.38 0.11 0.00	25.89 0.18 0.00	24.34 -0.02 0.00	23.38 0.02 0.00	23.64 -0.09 0.00	24.82 -0.10 0.00	27.42 -0.08 0.00	31.55 -0.74 -0.24	35.36 -0.54 -1.93	32.16 -0.59 -1.77	25.74 -0.36 -2.05	21.25 -0.17 -2.93	14.77 -0.11 -3.98	10.99 -0.05 -4.37	9.98 0.02 -4.37
S SALMON___HYD 24043	22.68 -0.17 1.05	17.20 -0.12 -0.20	16.66 -0.11 -0.35	13.97 -0.10 -1.91	18.86 -0.13 -0.79	26.39 -0.16 0.00	36.59 -0.15 -0.30	40.03 -0.20 -0.36	33.94 -0.27 0.00	27.99 -0.28 0.00	25.54 -0.18 0.00	24.09 -0.27 0.00	23.05 -0.30 0.00	23.40 -0.33 0.00	24.59 -0.32 0.00	27.23 -0.28 0.00	31.90 -0.32 -0.17	35.07 -0.31 -1.40	32.01 -0.25 -1.28	25.39 -0.14 -1.48	19.49 -0.11 -1.12	13.07 -0.05 -2.23	9.36 -0.05 -2.74	8.33 -0.04 -2.78
S.PERRY___115KV_TB1 80734	25.29 0.81 -0.58	19.70 0.58 -2.00	19.19 0.59 -2.17	15.81 0.43 -3.23	20.64 0.71 -1.73	27.61 1.06 0.00	38.06 1.13 -0.50	41.55 1.08 -0.61	35.45 1.23 0.00	29.32 1.05 0.00	26.72 1.00 0.00	25.04 0.68 0.00	24.05 0.70 0.00	24.28 0.55 0.00	25.46 0.55 0.00	28.25 0.74 0.00	32.40 0.06 -0.29	36.81 0.48 -2.36	33.54 0.40 -2.16	26.92 0.36 -2.51	22.42 0.35 -3.58	15.92 0.16 -4.86	12.11 0.11 -5.34	11.08 0.15 -5.34
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	24.49 0.05 -0.55	19.04 0.03 -1.89	18.54 0.07 -2.05	15.24 0.04 -3.05	19.93 0.09 -1.64	26.60 0.05 0.00	36.03 -0.87 -0.47	39.13 -1.32 -0.58	33.91 -0.31 0.00	28.30 0.03 0.00	25.95 0.23 0.00	24.41 0.05 0.00	23.52 0.16 0.00	23.71 -0.02 0.00	24.82 -0.10 0.00	27.42 -0.08 0.00	30.66 -1.67 -0.27	34.57 -1.63 -2.23	31.56 -1.46 -2.04	25.51 -0.91 -2.37	21.33 -0.54 -3.39	15.21 -0.28 -4.59	11.59 -0.13 -5.05	10.64 0.00 -5.05
SAWYER___23_KV_LOAD 55526	24.49 0.05 -0.55	19.04 0.03 -1.89	18.54 0.07 -2.05	15.24 0.04 -3.05	19.93 0.09 -1.64	26.60 0.05 0.00	36.03 -0.87 -0.47	39.13 -1.32 -0.58	33.91 -0.31 0.00	28.30 0.03 0.00	25.95 0.23 0.00	24.41 0.05 0.00	23.52 0.16 0.00	23.71 -0.02 0.00	24.82 -0.10 0.00	27.42 -0.08 0.00	30.66 -1.67 -0.27	34.57 -1.63 -2.23	31.56 -1.46 -2.04	25.51 -0.91 -2.37	21.33 -0.54 -3.39	15.21 -0.28 -4.59	11.59 -0.13 -5.05	10.64 0.00 -5.05
SELKIRK___I 23801	26.85 0.48 -2.48	26.01 0.36 -8.53	26.04 0.35 -9.27	26.19 0.24 -13.80	25.99 0.38 -7.41	27.16 0.61 0.00	39.37 0.80 -2.13	43.35 0.88 -2.61	34.93 0.72 0.00	28.81 0.54 0.00	26.15 0.44 0.00	24.82 0.46 0.00	23.80 0.44 0.00	24.26 0.52 0.00	25.46 0.55 0.00	28.08 0.58 0.00	34.09 0.80 -1.24	44.92 0.85 -10.09	41.00 0.77 -9.25	35.36 0.58 -10.73	34.22 0.41 -15.33	31.91 0.23 -20.78	29.66 0.15 -22.85	28.54 0.11 -22.84
SELKIRK___II 23799	26.82 0.45 -2.48	25.99 0.34 -8.52	26.01 0.33 -9.26	26.17 0.23 -13.78	25.96 0.36 -7.41	27.13 0.58 0.00	39.33 0.77 -2.13	43.31 0.84 -2.60	34.86 0.65 0.00	28.75 0.48 0.00	26.07 0.36 0.00	24.75 0.39 0.00	23.75 0.40 0.00	24.21 0.47 0.00	25.41 0.50 0.00	28.03 0.52 0.00	34.03 0.74 -1.24	44.87 0.81 -10.08	40.93 0.71 -9.24	35.30 0.53 -10.72	34.17 0.37 -15.32	31.87 0.21 -20.77	29.63 0.13 -22.83	28.52 0.10 -22.82
SENECA OSWGO___HYD 24041	23.66 -0.14 0.09	17.97 -0.10 -0.95	17.41 -0.10 -1.08	14.15 -0.07 -2.07	19.12 -0.11 -1.03	26.37 -0.18 0.00	36.36 -0.40 -0.32	39.82 -0.44 -0.39	33.91 -0.31 0.00	28.02 -0.25 0.00	25.54 -0.18 0.00	24.12 -0.24 0.00	23.14 -0.21 0.00	23.50 -0.24 0.00	24.67 -0.25 0.00	27.23 -0.28 0.00	31.79 -0.45 -0.19	34.98 -0.51 -1.51	31.99 -0.37 -1.39	25.47 -0.19 -1.61	20.32 -0.13 -1.96	13.72 -0.08 -2.90	9.91 -0.05 -3.28	8.86 -0.03 -3.30
SENECA___115KV_TB3 355854	24.67 0.22 -0.56	19.21 0.15 -1.93	18.70 0.18 -2.10	15.41 0.13 -3.12	20.09 0.22 -1.68	27.03 0.48 0.00	36.45 -0.47 -0.48	39.66 -0.80 -0.59	34.56 0.34 0.00	28.84 0.57 0.00	26.41 0.69 0.00	24.85 0.49 0.00	23.91 0.56 0.00	24.12 0.38 0.00	25.27 0.35 0.00	27.92 0.41 0.00	31.11 -1.22 -0.28	35.07 -1.19 -2.28	32.01 -1.05 -2.09	25.80 -0.67 -2.42	21.60 -0.35 -3.46	15.40 -0.20 -4.70	11.76 -0.07 -5.16	10.79 0.04 -5.16
SENECA___ENERGY 23797	24.52 0.14 -0.48	18.88 0.10 -1.66	18.34 0.12 -1.80	14.91 0.07 -2.68	19.78 0.14 -1.44	26.79 0.24 0.00	37.00 0.15 -0.41	40.41 0.04 -0.51	34.52 0.31 0.00	28.55 0.28 0.00	26.00 0.28 0.00	24.51 0.15 0.00	23.52 0.16 0.00	23.83 0.10 0.00	25.02 0.10 0.00	27.64 0.14 0.00	32.10 -0.19 -0.24	35.83 -0.10 -1.96	32.71 -0.06 -1.79	26.16 0.02 -2.08	21.49 0.04 -2.97	14.93 0.00 -4.03	11.10 0.00 -4.43	10.04 0.02 -4.43
SHOEMAKER___GT 23640	26.80 1.00 -1.90	24.38 0.70 -6.55	24.20 0.66 -7.12	23.25 0.50 -10.60	24.60 0.71 -5.69	27.58 1.03 0.00	39.53 1.46 -1.64	43.54 1.67 -2.00	35.62 1.40 0.00	29.49 1.21 0.00	26.79 1.08 0.00	25.43 1.07 0.00	24.36 1.00 0.00	24.78 1.04 0.00	26.01 1.10 0.00	28.66 1.16 0.00	34.48 1.48 -0.95	43.39 1.66 -7.75	39.56 1.49 -7.10	33.42 1.13 -8.24	31.06 0.81 -11.77	27.34 0.49 -15.96	24.50 0.29 -17.54	23.36 0.23 -17.54

SHOEMAKR_138KV_BK 111 55601	26.79 1.00 -1.89	24.34 0.70 -6.51	24.16 0.66 -7.08	23.19 0.50 -10.53	24.56 0.71 -5.66	27.59 1.04 0.00	39.52 1.46 -1.63	43.53 1.67 -1.99	35.65 1.44 0.00	29.51 1.24 0.00	26.82 1.11 0.00	25.46 1.10 0.00	24.38 1.03 0.00	24.80 1.07 0.00	26.04 1.12 0.00	28.69 1.18 0.00	34.50 1.51 -0.94	43.34 1.66 -7.70	39.54 1.52 -7.05	33.39 1.15 -8.18	31.00 0.83 -11.69	27.24 0.49 -15.85	24.39 0.29 -17.42	23.24 0.23 -17.42
SHOREHAM_IC_1 23715	42.81 2.06 -16.86	42.18 1.45 -23.60	41.44 1.38 -23.64	40.75 1.02 -27.58	40.87 1.51 -21.17	42.91 2.28 -14.08	52.36 3.21 -12.71	56.53 3.63 -13.03	46.47 3.15 -9.11	40.93 2.60 -10.06	30.62 2.47 -2.44	29.96 2.41 -3.19	28.58 2.31 -2.92	30.30 2.40 -4.17	33.57 2.54 -6.11	39.94 2.72 -9.71	62.14 3.27 -26.82	64.33 3.97 -26.38	50.31 3.47 -15.86	44.14 2.69 -17.40	41.67 2.03 -21.16	36.88 1.20 -24.78	35.58 0.69 -28.22	32.19 0.56 -26.05
SHOREHAM_IC_2 23716	42.81 2.06 -16.86	42.18 1.45 -23.60	41.44 1.38 -23.64	40.75 1.02 -27.58	40.87 1.51 -21.17	42.91 2.28 -14.08	52.36 3.21 -12.71	56.53 3.63 -13.03	46.47 3.15 -9.11	40.93 2.60 -10.06	30.62 2.47 -2.44	29.96 2.41 -3.19	28.58 2.31 -2.92	30.30 2.40 -4.17	33.57 2.54 -6.11	39.94 2.72 -9.71	62.14 3.27 -26.82	64.33 3.97 -26.38	50.31 3.47 -15.86	44.14 2.69 -17.40	41.67 2.03 -21.16	36.88 1.20 -24.78	35.58 0.69 -28.22	32.19 0.56 -26.05
SISSONVILLE____ 23735	4.91 -3.15 15.83	3.88 -2.35 10.90	3.84 -2.32 10.26	11.05 -1.70 -0.60	12.99 -2.82 2.38	22.65 -3.90 0.00	32.74 -3.79 -0.09	36.19 -3.79 -0.11	30.72 -3.49 0.00	25.16 -3.11 0.00	23.01 -2.70 0.00	21.92 -2.44 0.00	20.92 -2.43 0.00	20.79 -2.94 0.00	22.03 -2.89 0.00	24.53 -2.97 0.00	29.28 -2.82 -0.05	31.31 -3.09 -0.43	28.55 -2.82 -0.39	21.58 -2.93 -0.46	5.50 -2.18 10.81	3.04 -1.33 6.53	2.03 -0.81 3.83	1.53 -0.70 3.36
SITHE_IND_GS1 24169	23.76 -0.45 -0.32	17.91 -0.33 -1.12	17.33 -0.31 -1.21	13.73 -0.23 -1.80	18.84 -0.33 -0.97	25.99 -0.56 0.00	35.77 -0.95 -0.28	39.13 -1.07 -0.34	33.36 -0.85 0.00	27.59 -0.68 0.00	25.12 -0.59 0.00	23.77 -0.58 0.00	22.82 -0.54 0.00	23.17 -0.57 0.00	24.29 -0.62 0.00	26.82 -0.69 0.00	31.28 -0.93 -0.16	34.31 -0.99 -1.32	31.32 -0.87 -1.21	24.88 -0.58 -1.40	20.10 -0.39 -2.00	13.39 -0.23 -2.72	9.51 -0.14 -2.99	8.47 -0.11 -2.99
SITHE_IND_GS2 24170	23.76 -0.45 -0.32	17.91 -0.33 -1.12	17.33 -0.31 -1.21	13.73 -0.23 -1.80	18.84 -0.33 -0.97	25.99 -0.56 0.00	35.77 -0.95 -0.28	39.13 -1.07 -0.34	33.36 -0.85 0.00	27.59 -0.68 0.00	25.12 -0.59 0.00	23.77 -0.58 0.00	22.82 -0.54 0.00	23.17 -0.57 0.00	24.29 -0.62 0.00	26.82 -0.69 0.00	31.28 -0.93 -0.16	34.31 -0.99 -1.32	31.32 -0.87 -1.21	24.88 -0.58 -1.40	20.10 -0.39 -2.00	13.39 -0.23 -2.72	9.51 -0.14 -2.99	8.47 -0.11 -2.99
SITHE_IND_GS3 24171	23.76 -0.45 -0.32	17.91 -0.33 -1.12	17.33 -0.31 -1.21	13.73 -0.23 -1.80	18.84 -0.33 -0.97	25.99 -0.56 0.00	35.77 -0.95 -0.28	39.13 -1.07 -0.34	33.36 -0.85 0.00	27.59 -0.68 0.00	25.12 -0.59 0.00	23.77 -0.58 0.00	22.82 -0.54 0.00	23.17 -0.57 0.00	24.29 -0.62 0.00	26.82 -0.69 0.00	31.28 -0.93 -0.16	34.31 -0.99 -1.32	31.32 -0.87 -1.21	24.88 -0.58 -1.40	20.10 -0.39 -2.00	13.39 -0.23 -2.72	9.51 -0.14 -2.99	8.47 -0.11 -2.99
SITHE_IND_GS4 24172	23.76 -0.45 -0.32	17.91 -0.33 -1.12	17.33 -0.31 -1.21	13.73 -0.23 -1.80	18.84 -0.33 -0.97	25.99 -0.56 0.00	35.77 -0.95 -0.28	39.13 -1.07 -0.34	33.36 -0.85 0.00	27.59 -0.68 0.00	25.12 -0.59 0.00	23.77 -0.58 0.00	22.82 -0.54 0.00	23.17 -0.57 0.00	24.29 -0.62 0.00	26.82 -0.69 0.00	31.28 -0.93 -0.16	34.31 -0.99 -1.32	31.32 -0.87 -1.21	24.88 -0.58 -1.40	20.10 -0.39 -2.00	13.39 -0.23 -2.72	9.51 -0.14 -2.99	8.47 -0.11 -2.99
SITHE____BATAVIA 24024	24.89 0.48 -0.52	19.26 0.34 -1.79	18.75 0.38 -1.95	15.31 0.26 -2.90	20.19 0.44 -1.56	27.11 0.56 0.00	36.99 0.11 -0.45	40.26 -0.16 -0.55	34.69 0.48 0.00	28.89 0.62 0.00	26.36 0.64 0.00	24.70 0.34 0.00	23.75 0.40 0.00	23.95 0.21 0.00	25.11 0.20 0.00	27.81 0.30 0.00	31.41 -0.90 -0.26	35.52 -0.58 -2.12	32.27 -0.65 -1.94	25.85 -0.46 -2.26	21.56 -0.15 -3.22	15.15 -0.12 -4.37	11.44 -0.03 -4.80	10.47 0.08 -4.80
SITHE____INDEPEND 23800	23.76 -0.45 -0.32	17.91 -0.33 -1.12	17.33 -0.31 -1.21	13.73 -0.23 -1.80	18.84 -0.33 -0.97	25.99 -0.56 0.00	35.77 -0.95 -0.28	39.13 -1.08 -0.34	33.36 -0.86 0.00	27.56 -0.71 0.00	25.12 -0.59 0.00	23.77 -0.58 0.00	22.82 -0.54 0.00	23.17 -0.57 0.00	24.29 -0.62 0.00	26.82 -0.69 0.00	31.28 -0.93 -0.16	34.34 -0.95 -1.32	31.32 -0.87 -1.21	24.88 -0.58 -1.40	20.10 -0.39 -2.00	13.38 -0.23 -2.71	9.51 -0.14 -2.98	8.47 -0.11 -2.98
SITHE____MASSENA 23902	1.61 -3.32 18.97	1.46 -2.48 13.18	1.53 -2.46 12.43	10.80 -1.82 -0.47	12.20 -3.02 2.98	22.33 -4.22 0.00	32.25 -4.26 -0.07	35.69 -4.26 -0.09	30.35 -3.87 0.00	24.85 -3.42 0.00	22.68 -3.03 0.00	21.71 -2.65 0.00	20.74 -2.62 0.00	20.58 -3.16 0.00	21.80 -3.12 0.00	24.26 -3.25 0.00	28.92 -3.17 -0.04	30.85 -3.47 -0.34	28.13 -3.16 -0.31	21.16 -3.25 -0.36	2.90 -2.38 13.20	1.27 -1.45 8.18	0.81 -0.87 4.99	0.43 -0.74 4.42
SITHE____OGDNSBRG 24021	3.83 -3.01 17.05	3.08 -2.26 11.78	3.09 -2.23 11.11	11.05 -1.65 -0.55	12.82 -2.77 2.61	22.75 -3.80 0.00	33.06 -3.46 -0.08	36.54 -3.43 -0.10	30.93 -3.28 0.00	25.27 -3.00 0.00	23.14 -2.57 0.00	22.05 -2.31 0.00	21.02 -2.34 0.00	20.84 -2.90 0.00	22.08 -2.84 0.00	24.64 -2.86 0.00	29.47 -2.63 -0.05	31.55 -2.82 -0.39	28.77 -2.57 -0.36	21.66 -2.81 -0.42	4.64 -2.09 11.76	2.44 -1.28 7.19	1.61 -0.77 4.29	1.14 -0.68 3.78
SITHE____STERLING 23777	23.93 0.57 0.54	17.86 0.44 -0.29	17.23 0.41 -0.39	13.83 0.30 -1.37	19.27 0.47 -0.60	27.35 0.80 0.00	37.92 1.27 -0.21	41.56 1.43 -0.26	35.31 1.09 0.00	29.09 0.82 0.00	26.49 0.77 0.00	25.02 0.66 0.00	23.91 0.56 0.00	24.28 0.55 0.00	25.51 0.60 0.00	28.30 0.80 0.00	33.10 0.93 -0.12	35.86 0.88 -1.00	32.76 0.87 -0.92	25.77 0.65 -1.06	19.88 0.44 -0.95	12.87 0.27 -1.70	8.85 0.15 -2.03	7.76 0.12 -2.05
SLEIGHT__34_KV_TB1 80719	24.36 0.00 -0.47	18.73 0.00 -1.61	18.19 0.02 -1.75	14.76 0.00 -2.60	19.63 0.04 -1.40	26.47 -0.08 0.00	36.62 -0.22 -0.40	40.00 -0.36 -0.49	34.08 -0.14 0.00	28.24 -0.03 0.00	25.74 0.03 0.00	24.21 -0.15 0.00	23.24 -0.12 0.00	23.55 -0.19 0.00	24.72 -0.20 0.00	27.34 -0.17 0.00	31.68 -0.61 -0.23	35.37 -0.51 -1.90	32.22 -0.50 -1.74	25.76 -0.31 -2.02	21.20 -0.17 -2.89	14.69 -0.12 -3.91	10.91 -0.06 -4.30	9.87 -0.02 -4.30
SOUTH CAIRO____GT 23612	27.67 1.41 -2.37	26.27 1.01 -8.14	26.24 0.97 -8.85	26.00 0.68 -13.17	26.40 1.13 -7.08	28.20 1.65 0.00	40.91 2.44 -2.03	44.83 2.47 -2.49	36.09 1.88 0.00	29.34 1.07 0.00	26.43 0.72 0.00	24.97 0.61 0.00	23.94 0.58 0.00	24.38 0.64 0.00	25.69 0.77 0.00	28.52 1.02 0.00	34.87 1.63 -1.18	45.85 2.24 -9.63	41.68 1.89 -8.82	35.63 1.35 -10.23	33.98 0.87 -14.62	31.22 0.49 -19.83	28.74 0.27 -21.80	27.59 0.21 -21.79

SOUTH HAMPTN___IC 23720	43.10 2.34 -16.86	42.37 1.64 -23.60	41.64 1.58 -23.64	40.90 1.17 -27.58	41.08 1.71 -21.17	43.23 2.60 -14.08	52.87 3.72 -12.71	57.04 4.15 -13.03	46.91 3.59 -9.11	41.27 2.94 -10.06	30.96 2.80 -2.44	30.25 2.70 -3.19	28.84 2.57 -2.92	30.59 2.68 -4.17	33.89 2.86 -6.11	40.32 3.11 -9.71	62.59 3.72 -26.82	64.94 4.58 -26.38	50.80 3.97 -15.86	44.50 3.05 -17.40	41.93 2.29 -21.16	37.02 1.34 -24.78	35.66 0.77 -28.22	32.26 0.62 -26.05
SOUTHDOW_115KV_TB1 355954	25.29 0.81 -0.58	19.72 0.60 -2.00	19.24 0.64 -2.17	15.86 0.47 -3.24	20.70 0.76 -1.74	28.14 1.59 0.00	37.96 1.02 -0.50	41.63 1.16 -0.61	36.40 2.19 0.00	30.33 2.06 0.00	27.77 2.06 0.00	26.14 1.78 0.00	25.10 1.75 0.00	25.30 1.57 0.00	26.54 1.62 0.00	29.35 1.84 0.00	32.53 0.19 -0.29	36.58 0.24 -2.36	33.20 0.06 -2.16	26.56 0.00 -2.51	22.16 0.09 -3.59	15.80 0.03 -4.87	12.04 0.02 -5.35	11.05 0.11 -5.35
SOUTHOLD_69_KV_BK 2 55809	43.43 2.68 -16.86	42.62 1.90 -23.60	41.87 1.81 -23.64	41.07 1.34 -27.58	41.35 1.98 -21.17	43.63 3.00 -14.08	53.45 4.30 -12.71	57.72 4.82 -13.03	47.49 4.17 -9.10	41.67 3.34 -10.06	31.34 3.19 -2.44	30.59 3.04 -3.19	29.19 2.92 -2.92	30.92 3.01 -4.17	34.27 3.24 -6.11	40.79 3.58 -9.71	63.16 4.29 -26.81	65.51 5.16 -26.37	51.41 4.58 -15.85	44.97 3.54 -17.39	42.29 2.66 -21.15	37.19 1.53 -24.77	35.75 0.88 -28.20	32.32 0.70 -26.03
SOUTHOLD___IC 23719	43.43 2.68 -16.86	42.62 1.90 -23.60	41.89 1.82 -23.64	41.07 1.34 -27.58	41.35 1.98 -21.17	43.65 3.03 -14.08	53.48 4.33 -12.71	57.72 4.82 -13.03	47.49 4.17 -9.11	41.67 3.33 -10.06	31.34 3.19 -2.44	30.59 3.04 -3.19	29.19 2.92 -2.92	30.92 3.01 -4.17	34.27 3.24 -6.11	40.79 3.57 -9.71	63.17 4.30 -26.82	65.66 5.30 -26.38	51.42 4.58 -15.86	44.98 3.54 -17.40	42.30 2.66 -21.16	37.22 1.54 -24.78	35.77 0.88 -28.22	32.34 0.70 -26.05
SOUTH_FORK_WT_PWR 323839	43.48 2.72 -16.86	42.66 1.93 -23.60	41.92 1.86 -23.64	41.09 1.36 -27.58	41.39 2.02 -21.17	43.71 3.08 -14.08	53.56 4.41 -12.71	57.80 4.90 -13.03	47.56 4.24 -9.10	41.72 3.39 -10.06	31.39 3.24 -2.44	30.64 3.09 -3.19	29.24 2.97 -2.92	30.97 3.06 -4.17	34.32 3.29 -6.11	40.84 3.63 -9.71	63.22 4.36 -26.81	65.65 5.30 -26.37	51.48 4.65 -15.85	45.05 3.61 -17.39	42.33 2.70 -21.15	37.21 1.55 -24.77	35.77 0.90 -28.20	32.34 0.72 -26.03
SPIERFLS_115KV_TB 1 80737	28.06 1.60 -2.56	27.08 1.15 -8.81	27.11 1.12 -9.57	27.22 0.83 -14.24	27.10 1.26 -7.65	28.59 2.04 0.00	41.73 3.10 -2.20	45.67 3.11 -2.69	36.71 2.50 0.00	30.05 1.78 0.00	27.13 1.41 0.00	25.53 1.17 0.00	24.52 1.21 0.00	24.95 1.21 0.00	26.29 1.37 0.00	28.96 1.46 0.00	35.09 1.76 -1.28	46.49 2.11 -10.41	42.34 1.83 -9.53	36.44 1.32 -11.06	35.25 0.96 -15.81	32.87 0.54 -21.43	30.63 0.40 -23.56	29.49 0.35 -23.55
ST LAWRENCE___ 23600	0.30 -3.68 19.92	0.50 -2.76 13.87	0.65 -2.69 13.08	10.60 -1.99 -0.44	11.80 -3.24 3.16	21.98 -4.57 0.00	31.73 -4.77 -0.07	35.08 -4.87 -0.08	29.87 -4.35 0.00	24.48 -3.79 0.00	22.35 -3.37 0.00	21.39 -2.97 0.00	20.43 -2.92 0.00	20.39 -3.35 0.00	21.60 -3.31 0.00	24.01 -3.49 0.00	28.63 -3.46 -0.04	30.52 -3.77 -0.32	27.80 -3.47 -0.29	20.95 -3.44 -0.34	2.22 -2.57 13.69	0.81 -1.57 8.52	0.50 -0.95 5.22	0.15 -0.80 4.63
STATE_CA_115KV_115_LB 55624	26.86 0.45 -2.51	26.11 0.36 -8.63	26.15 0.34 -9.38	26.34 0.23 -13.95	26.09 0.40 -7.50	27.16 0.61 0.00	39.47 0.87 -2.16	43.42 0.92 -2.64	34.90 0.68 0.00	28.81 0.54 0.00	26.10 0.39 0.00	24.77 0.41 0.00	23.77 0.42 0.00	24.23 0.50 0.00	25.46 0.55 0.00	28.06 0.55 0.00	34.10 0.80 -1.25	45.05 0.88 -10.19	41.09 0.77 -9.34	35.44 0.55 -10.84	34.34 0.37 -15.48	32.11 0.22 -20.99	29.87 0.13 -23.08	28.76 0.10 -23.07
STATE_ST_34_KV_LOAD 55959	24.71 0.33 -0.48	19.00 0.24 -1.64	18.44 0.23 -1.78	14.96 0.15 -2.66	19.88 0.25 -1.43	26.95 0.40 0.00	37.25 0.40 -0.41	40.81 0.44 -0.50	34.73 0.51 0.00	28.69 0.42 0.00	26.13 0.41 0.00	24.65 0.29 0.00	23.63 0.28 0.00	23.97 0.24 0.00	25.19 0.27 0.00	27.84 0.33 0.00	32.45 0.16 -0.24	36.43 0.51 -1.94	33.03 0.28 -1.78	26.40 0.29 -2.06	21.65 0.22 -2.95	15.01 0.12 -4.00	11.13 0.07 -4.39	10.05 0.07 -4.39
STATION 5_MISC_HYD 23604	24.51 0.14 -0.48	18.84 0.09 -1.63	18.30 0.10 -1.78	14.86 0.06 -2.64	19.76 0.14 -1.42	26.50 -0.05 0.00	36.52 -0.33 -0.41	39.77 -0.60 -0.50	33.94 -0.27 0.00	28.24 -0.03 0.00	25.77 0.05 0.00	24.24 -0.12 0.00	23.28 -0.07 0.00	23.57 -0.16 0.00	24.72 -0.20 0.00	27.31 -0.19 0.00	31.42 -0.86 -0.24	35.16 -0.75 -1.93	32.03 -0.71 -1.77	25.62 -0.48 -2.05	21.20 -0.22 -2.93	14.72 -0.15 -3.98	10.98 -0.07 -4.37	9.97 0.01 -4.37
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	24.70 0.33 -0.47	18.97 0.24 -1.60	18.41 0.25 -1.74	14.92 0.17 -2.59	19.88 0.29 -1.39	26.92 0.37 0.00	37.16 0.33 -0.40	40.55 0.20 -0.49	34.62 0.41 0.00	28.69 0.42 0.00	26.15 0.44 0.00	24.58 0.22 0.00	23.56 0.21 0.00	23.88 0.14 0.00	25.07 0.15 0.00	27.75 0.25 0.00	32.16 -0.13 -0.23	35.87 0.00 -1.89	32.71 0.00 -1.74	26.09 0.02 -2.01	21.43 0.07 -2.88	14.81 0.01 -3.90	10.97 0.01 -4.29	9.92 0.04 -4.29
STA_56_34_KV_BUS2_REV_LBMP_B 345033	24.34 -0.02 -0.47	18.72 -0.03 -1.63	18.18 -0.02 -1.77	14.76 -0.02 -2.63	19.63 0.02 -1.41	26.34 -0.21 0.00	36.33 -0.51 -0.41	39.61 -0.76 -0.50	33.77 -0.44 0.00	28.07 -0.20 0.00	25.61 -0.10 0.00	24.09 -0.27 0.00	23.14 -0.21 0.00	23.40 -0.33 0.00	24.57 -0.35 0.00	27.18 -0.33 0.00	31.29 -0.99 -0.24	35.05 -0.85 -1.92	31.90 -0.84 -1.76	25.54 -0.55 -2.04	21.09 -0.31 -2.92	14.65 -0.21 -3.96	10.91 -0.11 -4.35	9.91 -0.03 -4.35
STA_56___34_KV_BUS2 355983	24.34 -0.02 -0.47	18.72 -0.03 -1.63	18.18 -0.02 -1.77	14.76 -0.02 -2.63	19.63 0.02 -1.41	26.34 -0.21 0.00	36.33 -0.51 -0.41	39.61 -0.76 -0.50	33.77 -0.44 0.00	28.07 -0.20 0.00	25.61 -0.10 0.00	24.09 -0.27 0.00	23.14 -0.21 0.00	23.40 -0.33 0.00	24.57 -0.35 0.00	27.18 -0.33 0.00	31.29 -0.99 -0.24	35.05 -0.85 -1.92	31.90 -0.84 -1.76	25.54 -0.55 -2.04	21.09 -0.31 -2.92	14.65 -0.21 -3.96	10.91 -0.11 -4.35	9.91 -0.03 -4.35
STA_67___115KV_BK2 355882	24.47 0.10 -0.47	18.82 0.07 -1.63	18.28 0.08 -1.78	14.85 0.05 -2.64	19.72 0.11 -1.42	26.47 -0.08 0.00	36.48 -0.36 -0.41	39.73 -0.64 -0.50	33.91 -0.31 0.00	28.19 -0.08 0.00	25.74 0.03 0.00	24.19 -0.17 0.00	23.26 -0.09 0.00	23.52 -0.21 0.00	24.67 -0.25 0.00	27.29 -0.22 0.00	31.36 -0.93 -0.24	35.12 -0.78 -1.93	32.00 -0.74 -1.77	25.62 -0.48 -2.05	21.17 -0.24 -2.93	14.72 -0.15 -3.98	10.97 -0.07 -4.37	9.96 0.00 -4.37
STA_7___115KV_9TRANS 80674	24.58 0.22 -0.47	18.89 0.14 -1.63	18.35 0.15 -1.78	14.89 0.10 -2.64	19.81 0.20 -1.42	26.58 0.03 0.00	36.66 -0.18 -0.41	39.97 -0.40 -0.50	34.11 -0.10 0.00	28.38 0.11 0.00	25.89 0.18 0.00	24.34 -0.02 0.00	23.38 0.02 0.00	23.64 -0.09 0.00	24.82 -0.10 0.00	27.42 -0.08 0.00	31.55 -0.74 -0.24	35.36 -0.54 -1.93	32.16 -0.59 -1.77	25.74 -0.36 -2.05	21.25 -0.17 -2.93	14.77 -0.11 -3.98	10.99 -0.05 -4.37	9.98 0.02 -4.37

STA_82___115KV_TB1 80780	24.47 0.10 -0.48	18.81 0.05 -1.64	18.27 0.07 -1.78	14.84 0.04 -2.64	19.71 0.09 -1.42	26.44 -0.11 0.00	36.44 -0.40 -0.41	39.69 -0.68 -0.50	33.87 -0.34 0.00	28.16 -0.11 0.00	25.71 0.00 0.00	24.16 -0.19 0.00	23.24 -0.12 0.00	23.50 -0.24 0.00	24.64 -0.27 0.00	27.26 -0.25 0.00	31.33 -0.96 -0.24	35.09 -0.82 -1.93	31.97 -0.77 -1.77	25.60 -0.51 -2.05	21.16 -0.26 -2.93	14.71 -0.16 -3.98	10.97 -0.07 -4.37	9.96 0.00 -4.37
STEEL___WIND 323596	24.67 0.21 -0.56	19.19 0.14 -1.93	18.69 0.16 -2.10	15.40 0.12 -3.12	20.07 0.20 -1.68	27.00 0.45 0.00	36.41 -0.51 -0.48	39.62 -0.84 -0.59	34.52 0.31 0.00	28.81 0.54 0.00	26.38 0.67 0.00	24.82 0.46 0.00	23.89 0.54 0.00	24.09 0.36 0.00	25.24 0.32 0.00	27.89 0.38 0.00	31.05 -1.28 -0.28	35.00 -1.26 -2.28	31.95 -1.11 -2.09	25.73 -0.75 -2.43	21.58 -0.37 -3.47	15.38 -0.22 -4.70	11.75 -0.08 -5.16	10.79 0.03 -5.17
STEPHTWN_115KV_BK_2 55603	27.02 0.65 -2.48	26.15 0.48 -8.55	26.17 0.46 -9.29	26.29 0.32 -13.82	26.15 0.53 -7.43	27.37 0.82 0.00	39.77 1.20 -2.14	43.75 1.28 -2.61	35.21 0.99 0.00	28.98 0.71 0.00	26.25 0.54 0.00	24.90 0.54 0.00	23.89 0.54 0.00	24.35 0.62 0.00	25.56 0.65 0.00	28.25 0.74 0.00	34.32 1.03 -1.24	45.23 1.16 -10.10	41.31 1.08 -9.25	35.56 0.77 -10.74	34.36 0.54 -15.34	32.00 0.31 -20.80	29.71 0.18 -22.86	28.58 0.13 -22.86
STEBEN_REC_LFGE 323667	25.18 0.62 -0.67	19.89 0.48 -2.29	19.42 0.51 -2.49	16.25 0.39 -3.70	20.84 0.65 -1.99	27.82 1.27 0.00	38.14 1.13 -0.57	41.64 1.08 -0.70	35.86 1.64 0.00	29.77 1.50 0.00	27.18 1.47 0.00	25.53 1.17 0.00	24.54 1.19 0.00	24.78 1.04 0.00	25.99 1.07 0.00	28.77 1.27 0.00	32.70 0.32 -0.33	37.09 0.41 -2.71	33.70 0.25 -2.48	27.19 0.26 -2.88	22.80 0.20 -4.11	16.56 0.09 -5.57	12.84 0.05 -6.12	11.81 0.10 -6.12
STILLWATER___SOLAR 323814	27.73 1.29 -2.55	26.81 0.92 -8.76	26.84 0.89 -9.52	26.99 0.66 -14.18	26.81 1.00 -7.62	28.17 1.62 0.00	41.03 2.40 -2.19	44.98 2.43 -2.68	36.16 1.95 0.00	29.66 1.38 0.00	26.82 1.10 0.00	25.36 1.00 0.00	24.33 0.98 0.00	24.78 1.04 0.00	26.09 1.17 0.00	28.83 1.32 0.00	35.02 1.70 -1.27	46.27 1.90 -10.39	42.20 1.70 -9.52	36.35 1.25 -11.05	35.19 0.92 -15.79	32.83 0.52 -21.40	30.54 0.34 -23.53	29.40 0.28 -23.53
STONY___BROOK 24151	42.71 1.96 -16.86	42.11 1.39 -23.60	41.38 1.31 -23.64	40.73 1.00 -27.58	40.82 1.46 -21.17	42.78 2.15 -14.08	52.10 2.95 -12.71	56.25 3.35 -13.03	46.33 3.01 -9.11	40.90 2.57 -10.06	30.54 2.39 -2.44	29.88 2.34 -3.19	28.51 2.24 -2.92	30.23 2.33 -4.17	33.47 2.44 -6.11	39.80 2.58 -9.71	61.92 3.05 -26.82	64.06 3.70 -26.38	50.04 3.19 -15.87	43.93 2.48 -17.40	41.51 1.87 -21.16	36.81 1.12 -24.79	35.54 0.65 -28.22	32.17 0.53 -26.05
STURGEON_POOL_HYD 23609	27.02 0.98 -2.15	25.18 0.67 -7.39	25.10 0.64 -8.03	24.59 0.49 -11.95	25.31 0.69 -6.42	27.53 0.98 0.00	39.67 1.38 -1.85	43.72 1.59 -2.26	35.58 1.37 0.00	29.46 1.19 0.00	26.74 1.03 0.00	25.41 1.05 0.00	24.29 0.93 0.00	24.73 1.00 0.00	25.94 1.02 0.00	28.58 1.07 0.00	34.66 1.54 -1.07	44.37 1.66 -8.73	40.49 1.52 -8.00	34.49 1.15 -9.28	32.58 0.83 -13.26	29.37 0.49 -17.98	26.74 0.30 -19.77	25.60 0.24 -19.77
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	26.96 1.12 -1.94	24.59 0.79 -6.68	24.42 0.74 -7.26	23.51 0.56 -10.80	24.80 0.80 -5.80	27.72 1.17 0.00	39.78 1.68 -1.67	43.82 1.91 -2.04	35.86 1.64 0.00	29.71 1.44 0.00	27.00 1.29 0.00	25.65 1.29 0.00	24.57 1.21 0.00	24.99 1.26 0.00	26.21 1.30 0.00	28.88 1.38 0.00	34.78 1.76 -0.97	43.70 1.83 -7.89	39.94 1.73 -7.23	33.76 1.32 -8.39	31.43 0.96 -11.98	27.71 0.57 -16.25	24.87 0.34 -17.86	23.71 0.27 -17.86
SWANROAD_115KV_TB1 355699	24.10 -0.33 -0.54	18.74 -0.24 -1.86	18.25 -0.20 -2.02	15.00 -0.16 -3.01	19.59 -0.22 -1.62	26.05 -0.50 0.00	35.37 -1.53 -0.46	38.32 -2.11 -0.57	33.12 -1.09 0.00	27.68 -0.59 0.00	25.35 -0.36 0.00	23.85 -0.51 0.00	22.98 -0.37 0.00	23.14 -0.59 0.00	24.24 -0.67 0.00	26.76 -0.74 0.00	29.98 -2.34 -0.27	33.79 -2.38 -2.20	30.85 -2.14 -2.01	24.97 -1.42 -2.33	20.91 -0.91 -3.34	14.92 -0.50 -4.52	11.39 -0.25 -4.97	10.48 -0.08 -4.97
SYNERGY___BIOGAS 323694	24.89 0.48 -0.52	19.26 0.34 -1.79	18.75 0.38 -1.95	15.31 0.26 -2.90	20.19 0.44 -1.56	27.11 0.56 0.00	36.99 0.11 -0.45	40.26 -0.16 -0.55	34.69 0.48 0.00	28.89 0.62 0.00	26.36 0.64 0.00	24.70 0.34 0.00	23.75 0.40 0.00	23.95 0.21 0.00	25.11 0.20 0.00	27.81 0.30 0.00	31.41 -0.90 -0.26	35.52 -0.58 -2.12	32.27 -0.65 -1.94	25.85 -0.46 -2.26	21.56 -0.15 -3.22	15.15 -0.12 -4.37	11.44 -0.03 -4.80	10.47 0.08 -4.80
SYRACUSE___ENERGY_ST1 323597	24.14 0.17 -0.08	18.46 0.12 -1.21	17.89 0.11 -1.35	14.58 0.07 -2.36	19.53 0.13 -1.21	26.74 0.19 0.00	36.91 0.11 -0.36	40.43 0.12 -0.45	34.38 0.17 0.00	28.41 0.14 0.00	25.89 0.18 0.00	24.46 0.10 0.00	23.45 0.09 0.00	23.81 0.07 0.00	25.02 0.10 0.00	27.62 0.11 0.00	32.23 -0.03 -0.21	35.66 -0.03 -1.72	32.55 0.00 -1.58	25.95 0.07 -1.83	20.94 0.09 -2.37	14.34 0.05 -3.39	10.49 0.03 -3.79	9.43 0.03 -3.80
SYRACUSE___ENERGY_ST2 323598	24.14 0.17 -0.08	18.46 0.12 -1.21	17.89 0.11 -1.35	14.58 0.07 -2.36	19.53 0.13 -1.21	26.74 0.19 0.00	36.91 0.11 -0.36	40.43 0.12 -0.45	34.38 0.17 0.00	28.41 0.14 0.00	25.89 0.18 0.00	24.46 0.10 0.00	23.45 0.09 0.00	23.81 0.07 0.00	25.02 0.10 0.00	27.62 0.11 0.00	32.23 -0.03 -0.21	35.66 -0.03 -1.72	32.55 0.00 -1.58	25.95 0.07 -1.83	20.94 0.09 -2.37	14.34 0.05 -3.39	10.49 0.03 -3.79	9.43 0.03 -3.80
SYRACUSE___POWER 24017	24.08 0.12 -0.07	18.44 0.09 -1.23	17.88 0.08 -1.37	14.61 0.05 -2.40	19.51 0.09 -1.23	26.68 0.13 0.00	36.84 0.04 -0.37	40.36 0.04 -0.45	34.32 0.10 0.00	28.38 0.11 0.00	25.84 0.13 0.00	24.43 0.07 0.00	23.42 0.07 0.00	23.78 0.05 0.00	24.99 0.07 0.00	27.59 0.08 0.00	32.17 -0.10 -0.22	35.66 -0.07 -1.76	32.55 -0.03 -1.61	25.97 0.05 -1.87	20.94 0.06 -2.41	14.38 0.03 -3.45	10.55 0.02 -3.86	9.49 0.03 -3.87
TALLMAN___138KV_BK151 55660	27.17 1.29 -1.98	24.86 0.91 -6.83	24.71 0.87 -7.42	23.85 0.66 -11.04	25.05 0.93 -5.93	27.93 1.38 0.00	40.11 1.97 -1.71	44.22 2.27 -2.09	36.16 1.95 0.00	30.00 1.72 0.00	27.28 1.57 0.00	25.92 1.56 0.00	24.82 1.47 0.00	25.26 1.52 0.00	26.49 1.57 0.00	29.16 1.65 0.00	35.12 2.08 -0.99	44.25 2.21 -8.07	40.44 2.08 -7.39	34.19 1.56 -8.57	31.88 1.15 -12.25	28.18 0.68 -16.61	25.33 0.40 -18.26	24.16 0.32 -18.25
TEALLAVE_115KV_TB7 355573	23.93 0.05 0.01	18.22 0.03 -1.06	17.65 0.03 -1.19	14.34 0.01 -2.18	19.33 0.04 -1.10	26.58 0.03 0.00	36.66 -0.11 -0.34	40.16 -0.12 -0.41	34.18 -0.03 0.00	28.27 0.00 0.00	25.74 0.03 0.00	24.34 -0.02 0.00	23.33 -0.02 0.00	23.71 -0.02 0.00	24.89 -0.02 0.00	27.48 -0.03 0.00	32.02 -0.22 -0.20	35.36 -0.20 -1.59	32.28 -0.15 -1.46	25.70 -0.05 -1.69	20.61 0.00 -2.13	13.99 0.00 -3.09	10.15 0.00 -3.48	9.09 0.01 -3.49

TELGRAPH_34_KV_EAST 80808	24.57 0.14 -0.54	19.05 0.09 -1.84	18.56 0.13 -2.00	15.22 0.09 -2.98	19.96 0.16 -1.60	26.66 0.11 0.00	36.24 -0.66 -0.46	39.35 -1.08 -0.56	34.01 -0.21 0.00	28.38 0.11 0.00	25.97 0.26 0.00	24.38 0.02 0.00	23.47 0.12 0.00	23.66 -0.07 0.00	24.79 -0.12 0.00	27.42 -0.08 0.00	30.78 -1.54 -0.27	34.73 -1.43 -2.18	31.64 -1.33 -1.99	25.50 -0.87 -2.31	21.31 -0.48 -3.31	15.11 -0.27 -4.48	11.47 -0.12 -4.92	10.53 0.02 -4.93
TEMPLE___115KV_TB 2 55572	23.94 0.05 0.00	18.25 0.05 -1.08	17.69 0.05 -1.21	14.38 0.02 -2.20	19.36 0.05 -1.11	26.60 0.05 0.00	36.70 -0.07 -0.34	40.16 -0.12 -0.42	34.21 0.00 0.00	28.30 0.03 0.00	25.77 0.05 0.00	24.36 0.00 0.00	23.35 0.00 0.00	23.74 0.00 0.00	24.92 0.00 0.00	27.51 0.00 0.00	32.06 -0.19 -0.20	35.41 -0.17 -1.61	32.29 -0.15 -1.47	25.74 -0.02 -1.71	20.64 0.00 -2.16	14.02 0.00 -3.12	10.19 0.00 -3.52	9.14 0.02 -3.53
TIANA___69_KV_BK 1 55817	43.00 2.25 -16.86	42.32 1.59 -23.60	41.57 1.51 -23.64	40.85 1.12 -27.58	41.02 1.66 -21.17	43.13 2.50 -14.08	52.68 3.53 -12.71	56.88 3.99 -13.03	46.77 3.46 -9.10	41.16 2.83 -10.06	30.83 2.67 -2.44	30.15 2.61 -3.19	28.77 2.50 -2.92	30.49 2.59 -4.17	33.80 2.77 -6.11	40.21 3.00 -9.71	62.45 3.59 -26.81	64.63 4.28 -26.37	50.64 3.81 -15.85	44.40 2.96 -17.39	41.85 2.22 -21.15	36.95 1.29 -24.77	35.62 0.75 -28.20	32.22 0.60 -26.03
TILDEN___115KV_TB1 80814	24.08 0.12 -0.07	18.44 0.09 -1.23	17.88 0.08 -1.37	14.61 0.05 -2.40	19.51 0.09 -1.23	26.68 0.13 0.00	36.84 0.04 -0.37	40.36 0.04 -0.45	34.32 0.10 0.00	28.38 0.11 0.00	25.84 0.13 0.00	24.43 0.07 0.00	23.42 0.07 0.00	23.78 0.05 0.00	24.99 0.07 0.00	27.59 0.08 0.00	32.17 -0.10 -0.22	35.66 -0.07 -1.76	32.55 -0.03 -1.61	25.97 0.05 -1.87	20.94 0.06 -2.41	14.38 0.03 -3.45	10.55 0.02 -3.86	9.49 0.03 -3.87
TRIGEN___CC 323695	42.52 1.77 -16.86	41.97 1.25 -23.60	41.26 1.20 -23.64	40.63 0.90 -27.58	40.66 1.29 -21.17	42.54 1.91 -14.08	51.88 2.73 -12.71	56.00 3.11 -13.03	45.98 2.67 -9.10	40.68 2.35 -10.06	30.29 2.13 -2.44	29.64 2.09 -3.19	28.28 2.01 -2.92	29.97 2.07 -4.17	33.17 2.14 -6.11	39.47 2.26 -9.71	61.65 2.79 -26.81	63.27 2.92 -26.37	49.51 2.73 -15.81	43.49 2.09 -17.35	41.14 1.55 -21.10	36.53 0.90 -24.72	35.41 0.54 -28.20	32.05 0.44 -26.03
TRINITY___115KV__ 4 BK 55933	26.74 0.36 -2.49	25.98 0.29 -8.56	26.01 0.28 -9.31	26.19 0.18 -13.85	25.97 0.33 -7.44	27.05 0.50 0.00	39.27 0.69 -2.14	43.20 0.72 -2.62	34.76 0.55 0.00	28.67 0.40 0.00	25.97 0.26 0.00	24.68 0.32 0.00	23.68 0.33 0.00	24.16 0.43 0.00	25.36 0.45 0.00	27.92 0.41 0.00	33.97 0.67 -1.24	44.81 0.71 -10.12	40.87 0.62 -9.27	35.27 0.46 -10.76	34.15 0.30 -15.37	31.91 0.17 -20.84	29.69 0.11 -22.91	28.57 0.07 -22.90
UNION___PROCESSING_DRP 323587	24.83 0.45 -0.49	19.12 0.33 -1.67	18.58 0.34 -1.81	15.08 0.23 -2.70	20.05 0.40 -1.45	27.05 0.50 0.00	37.14 0.29 -0.42	40.50 0.12 -0.51	34.73 0.51 0.00	28.81 0.54 0.00	26.28 0.57 0.00	24.65 0.29 0.00	23.68 0.33 0.00	23.93 0.19 0.00	25.12 0.20 0.00	27.81 0.30 0.00	31.81 -0.48 -0.24	36.19 0.24 -1.97	32.47 -0.31 -1.81	25.98 -0.17 -2.10	21.46 -0.02 -3.00	14.93 -0.03 -4.06	11.13 0.00 -4.46	10.13 0.07 -4.46
UPPER HUDSON___HYD 24058	28.06 1.60 -2.56	27.08 1.15 -8.81	27.11 1.12 -9.57	27.22 0.83 -14.24	27.10 1.25 -7.65	28.59 2.04 0.00	41.73 3.10 -2.20	45.67 3.11 -2.69	36.71 2.50 0.00	30.05 1.78 0.00	27.13 1.41 0.00	25.53 1.17 0.00	24.52 1.17 0.00	24.95 1.21 0.00	26.29 1.37 0.00	28.96 1.46 0.00	35.09 1.76 -1.28	46.53 2.11 -10.45	42.37 1.83 -9.57	36.48 1.32 -11.10	35.31 0.96 -15.87	32.95 0.54 -21.51	30.72 0.40 -23.65	29.58 0.35 -23.64
UPPER RAQUET___HYD 24056	4.93 -3.13 15.83	3.88 -2.35 10.90	3.84 -2.32 10.26	11.05 -1.70 -0.60	12.99 -2.82 2.38	22.65 -3.90 0.00	32.74 -3.79 -0.09	36.19 -3.79 -0.11	30.72 -3.49 0.00	25.16 -3.11 0.00	22.96 -2.75 0.00	21.92 -2.44 0.00	20.92 -2.43 0.00	20.79 -2.94 0.00	22.03 -2.89 0.00	24.53 -2.97 0.00	29.28 -2.82 -0.05	31.32 -3.09 -0.43	28.55 -2.82 -0.39	21.57 -2.94 -0.46	5.48 -2.18 10.82	3.03 -1.33 6.54	2.03 -0.81 3.84	1.53 -0.70 3.36
VALLEY44_115KV_TB2 355964	24.51 0.02 -0.59	19.15 0.00 -2.02	18.66 0.03 -2.20	15.45 0.02 -3.27	19.99 0.04 -1.76	27.45 0.90 0.00	36.40 -0.55 -0.51	39.73 -0.76 -0.62	35.10 0.89 0.00	29.29 1.02 0.00	26.82 1.11 0.00	25.24 0.88 0.00	24.26 0.91 0.00	24.47 0.74 0.00	25.66 0.75 0.00	28.33 0.83 0.00	31.13 -1.22 -0.29	35.25 -1.12 -2.39	32.14 -1.02 -2.19	25.92 -0.67 -2.54	21.71 -0.41 -3.63	15.58 -0.24 -4.92	11.96 -0.12 -5.41	10.99 -0.01 -5.41
VALLEY___115KV_TB 1-4 80826	24.48 0.53 -0.06	17.72 0.38 -0.22	17.04 0.38 -0.24	12.79 0.28 -0.35	18.84 0.45 -0.19	27.27 0.72 0.00	37.69 1.20 -0.05	41.25 1.32 -0.07	35.31 1.09 0.00	29.15 0.88 0.00	26.54 0.82 0.00	25.14 0.78 0.00	24.01 0.65 0.00	24.40 0.66 0.00	25.61 0.70 0.00	28.36 0.85 0.00	33.08 0.99 -0.03	35.02 0.78 -0.26	32.02 0.81 -0.24	24.86 0.53 -0.28	19.25 0.37 -0.39	11.68 0.25 -0.53	7.40 0.15 -0.59	6.29 0.12 -0.59
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	26.31 1.34 -1.08	21.82 0.98 -3.72	21.40 0.94 -4.04	18.86 0.69 -6.01	22.50 1.07 -3.23	28.22 1.67 0.00	39.84 2.48 -0.93	43.79 2.79 -1.14	36.47 2.26 0.00	30.11 1.84 0.00	27.44 1.72 0.00	25.92 1.56 0.00	24.73 1.38 0.00	25.14 1.40 0.00	26.41 1.49 0.00	29.35 1.84 0.00	34.71 2.12 -0.54	40.75 2.38 -4.39	37.04 2.04 -4.02	30.26 1.54 -4.67	26.27 1.11 -6.67	20.62 0.68 -9.05	17.01 0.39 -9.95	15.85 0.31 -9.94
VISCHER___FERRY HYD 24020	27.24 0.84 -2.51	26.36 0.60 -8.64	26.39 0.57 -9.39	26.56 0.43 -13.98	26.36 0.65 -7.51	27.64 1.09 0.00	40.13 1.53 -2.16	44.10 1.60 -2.64	35.51 1.30 0.00	29.18 0.90 0.00	26.38 0.67 0.00	25.02 0.66 0.00	24.01 0.65 0.00	24.50 0.76 0.00	25.74 0.82 0.00	28.41 0.91 0.00	34.53 1.22 -1.26	45.55 1.32 -10.25	41.54 1.18 -9.39	35.83 0.89 -10.89	34.67 0.63 -15.56	32.36 0.36 -21.10	30.10 0.23 -23.20	28.96 0.18 -23.19
V_A_10_SYNC_DSASP 323832	24.40 0.00 -0.51	18.84 -0.02 -1.74	18.33 0.02 -1.89	14.96 0.00 -2.81	19.74 0.04 -1.51	26.26 -0.29 0.00	35.96 -0.91 -0.43	39.04 -1.36 -0.53	33.46 -0.75 0.00	27.93 -0.34 0.00	25.54 -0.18 0.00	24.04 -0.32 0.00	23.14 -0.21 0.00	23.36 -0.38 0.00	24.47 -0.45 0.00	27.01 -0.49 0.00	30.70 -1.60 -0.25	34.40 -1.63 -2.05	31.46 -1.39 -1.88	25.32 -0.91 -2.18	21.10 -0.50 -3.12	14.83 -0.29 -4.23	11.20 -0.12 -4.65	10.23 -0.01 -4.65
V_CMM_10_SYNC_DSASP 323787	0.37 -3.61 19.92	0.55 -2.70 13.87	0.70 -2.64 13.08	10.63 -1.96 -0.44	11.84 -3.20 3.16	22.04 -4.51 0.00	31.80 -4.70 -0.07	35.20 -4.74 -0.08	29.94 -4.28 0.00	24.57 -3.70 0.00	22.42 -3.29 0.00	21.44 -2.92 0.00	20.50 -2.85 0.00	20.44 -3.30 0.00	21.65 -3.26 0.00	24.07 -3.44 0.00	28.73 -3.36 -0.04	30.59 -3.70 -0.32	27.89 -3.38 -0.29	21.00 -3.39 -0.34	2.26 -2.53 13.69	0.84 -1.54 8.52	0.52 -0.93 5.22	0.17 -0.79 4.63

V_CMP_10_SYNC_DSASP 323788	0.10 -4.13 19.66	0.50 -2.94 13.68	0.69 -2.82 12.91	10.56 -2.04 -0.45	11.74 -3.35 3.11	21.96 -4.59 0.00	31.99 -4.52 -0.07	35.52 -4.43 -0.08	30.35 -3.87 0.00	24.91 -3.36 0.00	22.78 -2.93 0.00	21.85 -2.51 0.00	20.88 -2.48 0.00	20.77 -2.97 0.00	22.03 -2.89 0.00	24.53 -2.97 0.00	29.24 -2.85 -0.04	31.28 -3.02 -0.33	28.49 -2.79 -0.30	21.32 -3.08 -0.35	2.47 -2.31 13.70	0.92 -1.46 8.52	0.54 -0.91 5.22	0.15 -0.81 4.63
V_E_10_SYNC_DSASP 323830	26.80 2.06 -0.85	21.59 1.54 -2.93	21.09 1.48 -3.18	18.00 1.11 -4.74	22.50 1.76 -2.55	29.42 2.87 0.00	41.50 4.33 -0.73	45.54 4.78 -0.89	37.98 3.76 0.00	31.16 2.89 0.00	28.39 2.67 0.00	26.67 2.32 0.00	25.38 2.03 0.00	25.75 2.02 0.00	27.13 2.22 0.00	30.42 2.91 0.00	35.81 3.33 -0.42	40.94 3.50 -3.46	37.31 3.16 -3.17	30.09 2.36 -3.68	25.39 1.64 -5.26	18.99 0.96 -7.13	15.06 0.55 -7.84	13.85 0.42 -7.84
V_F_30_NSYNC___DSASP 323816	27.76 1.31 -2.55	26.85 0.94 -8.78	26.89 0.92 -9.54	27.04 0.68 -14.21	26.85 1.02 -7.63	28.20 1.65 0.00	41.07 2.44 -2.20	45.06 2.51 -2.68	36.23 2.02 0.00	29.71 1.44 0.00	26.87 1.16 0.00	25.38 1.02 0.00	24.38 1.03 0.00	24.83 1.09 0.00	26.14 1.22 0.00	28.88 1.37 0.00	35.06 1.73 -1.28	46.36 1.97 -10.42	42.25 1.73 -9.54	36.40 1.27 -11.07	35.25 0.94 -15.82	32.90 0.54 -21.45	30.60 0.35 -23.58	29.45 0.28 -23.58
V_F_30_SYNC_DSASP 323786	26.86 0.45 -2.51	26.10 0.36 -8.62	26.14 0.34 -9.37	26.33 0.23 -13.95	26.09 0.40 -7.49	27.16 0.61 0.00	39.47 0.87 -2.15	43.42 0.92 -2.63	34.90 0.68 0.00	28.81 0.54 0.00	26.10 0.39 0.00	24.77 0.41 0.00	23.77 0.42 0.00	24.23 0.50 0.00	25.46 0.55 0.00	28.06 0.55 0.00	34.10 0.80 -1.25	45.05 0.88 -10.19	41.08 0.77 -9.33	35.44 0.55 -10.83	34.33 0.37 -15.47	32.10 0.22 -20.98	29.86 0.13 -23.06	28.74 0.10 -23.06
V_XM_10_SYNC_DSASP 323789	0.10 -4.13 19.66	0.50 -2.94 13.68	0.69 -2.82 12.91	10.56 -2.04 -0.45	11.74 -3.35 3.11	21.96 -4.59 0.00	31.99 -4.52 -0.07	35.52 -4.43 -0.08	30.35 -3.87 0.00	24.91 -3.36 0.00	22.78 -2.93 0.00	21.85 -2.51 0.00	20.88 -2.48 0.00	20.77 -2.97 0.00	22.03 -2.89 0.00	24.53 -2.97 0.00	29.24 -2.85 -0.04	31.28 -3.02 -0.33	28.49 -2.79 -0.30	21.32 -3.08 -0.35	2.47 -2.31 13.70	0.92 -1.46 8.52	0.54 -0.91 5.22	0.15 -0.81 4.63
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	27.30 1.41 -1.99	24.97 0.99 -6.85	24.81 0.94 -7.45	23.94 0.70 -11.08	25.17 1.02 -5.96	28.04 1.49 0.00	40.26 2.11 -1.71	44.39 2.43 -2.09	36.30 2.09 0.00	30.11 1.84 0.00	27.39 1.67 0.00	25.99 1.63 0.00	24.89 1.54 0.00	25.35 1.61 0.00	26.59 1.67 0.00	29.27 1.76 0.00	35.26 2.21 -0.99	44.45 2.38 -8.10	40.59 2.20 -7.42	34.34 1.68 -8.61	32.00 1.22 -12.30	28.29 0.72 -16.67	25.42 0.42 -18.33	24.25 0.34 -18.32
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	27.50 1.55 -2.06	25.31 1.11 -7.07	25.16 1.05 -7.69	24.40 0.80 -11.44	25.49 1.15 -6.15	28.22 1.67 0.00	40.65 2.44 -1.77	44.90 2.87 -2.16	36.68 2.46 0.00	30.50 2.23 0.00	27.75 2.03 0.00	26.38 2.02 0.00	25.27 1.91 0.00	25.73 1.99 0.00	26.98 2.07 0.00	29.62 2.12 0.00	35.70 2.63 -1.02	45.02 2.68 -8.36	41.20 2.57 -7.66	34.91 1.97 -8.88	32.60 1.42 -12.69	28.95 0.84 -17.21	26.10 0.51 -18.92	24.91 0.40 -18.92
W50THST__13_KV_LOAD 356117	27.53 1.58 -2.06	25.31 1.11 -7.07	25.18 1.07 -7.69	24.41 0.81 -11.44	25.51 1.16 -6.15	28.22 1.67 0.00	40.68 2.48 -1.77	44.94 2.91 -2.16	36.71 2.50 0.00	30.53 2.26 0.00	27.77 2.06 0.00	26.38 2.02 0.00	25.29 1.94 0.00	25.73 1.99 0.00	26.98 2.07 0.00	29.65 2.15 0.00	35.74 2.66 -1.02	45.05 2.72 -8.36	41.23 2.60 -7.66	34.91 1.97 -8.88	32.62 1.44 -12.69	28.96 0.85 -17.21	26.10 0.51 -18.92	24.91 0.41 -18.92
WADING RIVER_IC_1 23522	42.81 2.06 -16.86	42.18 1.45 -23.60	41.46 1.40 -23.64	40.77 1.03 -27.58	40.87 1.51 -21.17	42.91 2.28 -14.08	52.39 3.24 -12.71	56.56 3.67 -13.03	46.50 3.18 -9.11	40.96 2.63 -10.06	30.65 2.49 -2.44	29.96 2.41 -3.19	28.58 2.31 -2.92	30.33 2.42 -4.17	33.60 2.57 -6.11	39.97 2.75 -9.71	62.17 3.30 -26.82	64.37 4.01 -26.38	50.34 3.50 -15.86	44.16 2.72 -17.40	41.67 2.03 -21.16	36.88 1.20 -24.78	35.58 0.69 -28.22	32.19 0.56 -26.05
WADING RIVER_IC_2 23547	42.81 2.06 -16.86	42.18 1.45 -23.60	41.46 1.40 -23.64	40.77 1.03 -27.58	40.87 1.51 -21.17	42.91 2.28 -14.08	52.39 3.24 -12.71	56.56 3.67 -13.03	46.50 3.18 -9.11	40.96 2.63 -10.06	30.65 2.49 -2.44	29.96 2.41 -3.19	28.58 2.31 -2.92	30.33 2.42 -4.17	33.60 2.57 -6.11	39.97 2.75 -9.71	62.17 3.30 -26.82	64.37 4.01 -26.38	50.34 3.50 -15.86	44.16 2.72 -17.40	41.67 2.03 -21.16	36.88 1.20 -24.78	35.58 0.69 -28.22	32.19 0.56 -26.05
WADING RIVER_IC_3 23601	42.81 2.06 -16.86	42.18 1.45 -23.60	41.46 1.40 -23.64	40.77 1.03 -27.58	40.87 1.51 -21.17	42.91 2.28 -14.08	52.39 3.24 -12.71	56.56 3.67 -13.03	46.50 3.18 -9.11	40.96 2.63 -10.06	30.65 2.49 -2.44	29.96 2.41 -3.19	28.58 2.31 -2.92	30.33 2.42 -4.17	33.60 2.57 -6.11	39.97 2.75 -9.71	62.17 3.30 -26.82	64.37 4.01 -26.38	50.34 3.50 -15.86	44.16 2.72 -17.40	41.67 2.03 -21.16	36.88 1.20 -24.78	35.58 0.69 -28.22	32.19 0.56 -26.05
WALDENNY_12_KV_BK2 80841	24.67 0.22 -0.56	19.18 0.14 -1.92	18.70 0.18 -2.09	15.39 0.12 -3.11	20.07 0.20 -1.67	26.97 0.42 0.00	36.41 -0.51 -0.48	39.62 -0.84 -0.59	34.45 0.24 0.00	28.75 0.48 0.00	26.36 0.64 0.00	24.80 0.44 0.00	23.87 0.51 0.00	24.07 0.33 0.00	25.22 0.30 0.00	27.86 0.36 0.00	31.08 -1.25 -0.28	35.02 -1.22 -2.27	31.97 -1.08 -2.08	25.77 -0.70 -2.41	21.56 -0.37 -3.45	15.38 -0.20 -4.68	11.73 -0.08 -5.14	10.77 0.04 -5.14
WALDEN___HYDRO 24148	27.15 1.24 -2.02	24.92 0.86 -6.94	24.79 0.82 -7.54	24.00 0.62 -11.23	25.12 0.89 -6.03	27.82 1.27 0.00	39.99 1.82 -1.73	44.06 2.07 -2.12	35.96 1.74 0.00	29.74 1.47 0.00	27.00 1.29 0.00	25.63 1.27 0.00	24.54 1.19 0.00	24.97 1.23 0.00	26.21 1.29 0.00	28.88 1.37 0.00	34.85 1.79 -1.01	44.23 2.04 -8.21	40.36 1.86 -7.52	34.18 1.39 -8.73	31.95 1.00 -12.47	28.41 0.60 -16.91	25.61 0.35 -18.59	24.46 0.28 -18.59
WARRENSBURG____ 23737	28.06 1.60 -2.56	27.08 1.15 -8.81	27.11 1.12 -9.57	27.22 0.83 -14.24	27.10 1.25 -7.65	28.59 2.04 0.00	41.73 3.10 -2.20	45.67 3.11 -2.69	36.71 2.50 0.00	30.05 1.78 0.00	27.13 1.41 0.00	25.53 1.17 0.00	24.52 1.17 0.00	24.95 1.21 0.00	26.29 1.37 0.00	28.96 1.46 0.00	35.09 1.76 -1.28	46.53 2.11 -10.45	42.37 1.83 -9.57	36.48 1.32 -11.10	35.31 0.96 -15.87	32.95 0.54 -21.51	30.72 0.40 -23.65	29.58 0.35 -23.64
WATERSIDE___6 8 9 23538	27.50 1.55 -2.06	25.33 1.13 -7.07	25.18 1.07 -7.69	24.40 0.80 -11.44	25.49 1.15 -6.15	28.12 1.57 0.00	40.32 2.11 -1.77	44.46 2.43 -2.16	36.40 2.19 0.00	30.31 2.04 0.00	27.59 1.88 0.00	26.21 1.85 0.00	25.13 1.77 0.00	25.59 1.85 0.00	26.81 1.89 0.00	29.43 1.93 0.00	35.51 2.44 -1.03	44.75 2.41 -8.36	40.99 2.35 -7.66	34.74 1.80 -8.88	32.47 1.29 -12.69	28.88 0.77 -17.21	26.08 0.49 -18.92	24.92 0.40 -18.92

WATKINRD_115KV_LN8_ILLION 55919	24.29 0.33 -0.06	17.60 0.26 -0.22	16.91 0.25 -0.24	12.69 0.18 -0.35	18.68 0.29 -0.19	27.00 0.45 0.00	37.26 0.77 -0.05	40.81 0.88 -0.07	34.93 0.72 0.00	28.84 0.57 0.00	26.23 0.51 0.00	24.85 0.49 0.00	23.77 0.42 0.00	24.14 0.40 0.00	25.34 0.42 0.00	28.03 0.52 0.00	32.72 0.64 -0.03	34.78 0.54 -0.26	31.77 0.56 -0.24	24.69 0.36 -0.28	19.12 0.24 -0.39	11.60 0.16 -0.53	7.36 0.10 -0.59	6.25 0.07 -0.59
WATSON___69_KV_BK 1 55734	43.05 2.29 -16.86	42.35 1.63 -23.60	41.61 1.54 -23.64	40.89 1.15 -27.58	41.06 1.69 -21.17	43.18 2.55 -14.08	52.83 3.68 -12.71	57.04 4.15 -13.03	46.87 3.56 -9.10	41.27 2.94 -10.06	30.90 2.75 -2.44	30.20 2.66 -3.19	28.82 2.55 -2.92	30.54 2.63 -4.17	33.80 2.77 -6.11	40.24 3.03 -9.71	62.52 3.65 -26.81	64.53 4.18 -26.37	50.58 3.78 -15.83	44.32 2.91 -17.36	41.49 1.89 -21.12	36.77 1.13 -24.74	35.61 0.74 -28.20	32.22 0.60 -26.03
WDELAWARE___HYD 323627	26.90 1.10 -1.90	24.40 0.74 -6.55	24.24 0.71 -7.11	23.26 0.52 -10.59	24.63 0.75 -5.69	27.61 1.06 0.00	39.64 1.57 -1.64	43.66 1.80 -2.00	35.72 1.50 0.00	29.51 1.24 0.00	26.79 1.08 0.00	25.41 1.05 0.00	23.59 0.23 0.00	24.00 0.26 0.00	25.19 0.27 0.00	27.81 0.30 0.00	33.67 0.67 -0.95	42.73 1.02 -7.73	38.80 0.74 -7.08	32.78 0.51 -8.22	31.06 0.83 -11.74	27.32 0.50 -15.92	24.46 0.29 -17.50	23.31 0.22 -17.50
WEST BABYLON___IC 23714	42.90 2.15 -16.86	42.25 1.52 -23.60	41.52 1.46 -23.64	40.81 1.08 -27.58	40.95 1.58 -21.17	42.99 2.36 -14.08	52.54 3.39 -12.71	56.76 3.87 -13.03	46.63 3.32 -9.10	41.10 2.77 -10.06	30.72 2.57 -2.44	30.05 2.51 -3.19	28.68 2.41 -2.92	30.38 2.47 -4.17	33.62 2.59 -6.11	40.02 2.81 -9.71	62.29 3.43 -26.81	64.19 3.84 -26.37	50.29 3.50 -15.82	44.09 2.69 -17.35	41.49 1.90 -21.11	36.75 1.12 -24.73	35.56 0.69 -28.20	32.18 0.56 -26.03
WEST CANADA___HYD 24049	23.84 -0.12 -0.06	17.26 -0.09 -0.22	16.58 -0.08 -0.24	12.45 -0.06 -0.35	18.29 -0.09 -0.19	26.44 -0.11 0.00	36.45 -0.04 -0.05	39.89 -0.04 -0.07	34.15 -0.07 0.00	28.21 -0.06 0.00	25.66 -0.05 0.00	24.31 -0.05 0.00	23.28 -0.07 0.00	23.67 -0.07 0.00	24.84 -0.07 0.00	27.45 -0.05 0.00	32.08 0.00 -0.03	34.20 -0.03 -0.26	31.15 -0.06 -0.24	24.23 -0.10 -0.28	18.80 -0.07 -0.39	11.39 -0.04 -0.53	7.23 -0.03 -0.59	6.15 -0.03 -0.59
WESTERN_NY_WIND 24143	24.87 0.45 -0.53	19.24 0.31 -1.81	18.73 0.34 -1.96	15.32 0.24 -2.92	20.18 0.42 -1.57	27.05 0.50 0.00	36.92 0.04 -0.45	40.18 0.04 -0.55	34.62 0.41 0.00	28.81 0.54 0.00	26.33 0.62 0.00	24.68 0.32 0.00	23.73 0.37 0.00	23.93 0.19 0.00	25.07 0.15 0.00	27.78 0.28 0.00	31.35 -0.96 -0.26	35.50 -0.61 -2.13	32.22 -0.71 -1.96	25.89 -0.43 -2.27	21.56 -0.17 -3.24	15.17 -0.12 -4.40	11.46 -0.04 -4.83	10.49 0.07 -4.83
WESTOVER___LESR 323668	25.27 0.48 -0.90	20.56 0.36 -3.08	20.12 0.34 -3.35	17.38 0.24 -4.98	21.25 0.38 -2.68	27.21 0.66 0.00	37.86 0.66 -0.77	41.52 0.72 -0.94	35.03 0.82 0.00	29.01 0.74 0.00	26.43 0.72 0.00	24.97 0.61 0.00	23.94 0.58 0.00	24.31 0.57 0.00	25.51 0.60 0.00	28.19 0.69 0.00	32.91 0.42 -0.45	38.09 0.48 -3.64	34.78 0.46 -3.34	28.33 0.41 -3.87	24.33 0.31 -5.53	18.58 0.19 -7.50	15.03 0.11 -8.24	13.94 0.11 -8.24
WETHRSFD_WT_PWR 323626	24.62 0.12 -0.61	19.30 0.09 -2.09	18.83 0.13 -2.27	15.63 0.10 -3.38	20.19 0.18 -1.82	26.97 0.42 0.00	36.67 -0.29 -0.52	39.95 -0.56 -0.64	34.56 0.34 0.00	28.81 0.54 0.00	26.33 0.62 0.00	24.77 0.41 0.00	23.84 0.49 0.00	24.07 0.33 0.00	25.22 0.30 0.00	27.86 0.36 0.00	31.36 -0.99 -0.30	35.46 -0.99 -2.47	32.31 -0.93 -2.26	26.05 -0.63 -2.63	21.88 -0.35 -3.75	15.75 -0.23 -5.09	12.16 -0.10 -5.59	11.18 0.00 -5.59
WHAVSTOR_138KV_BK127 55557	27.18 1.29 -1.99	24.89 0.91 -6.86	24.74 0.85 -7.46	23.91 0.66 -11.10	25.09 0.93 -5.96	27.90 1.35 0.00	40.08 1.93 -1.71	44.23 2.27 -2.10	36.13 1.92 0.00	30.00 1.72 0.00	27.26 1.54 0.00	25.89 1.53 0.00	24.80 1.45 0.00	25.26 1.52 0.00	26.49 1.57 0.00	29.13 1.62 0.00	35.10 2.05 -0.99	44.26 2.17 -8.11	40.45 2.04 -7.43	34.23 1.56 -8.62	31.93 1.13 -12.31	28.26 0.66 -16.70	25.42 0.39 -18.35	24.26 0.32 -18.35
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	27.18 1.29 -1.99	24.89 0.91 -6.86	24.74 0.85 -7.46	23.91 0.66 -11.10	25.09 0.93 -5.96	27.90 1.35 0.00	40.08 1.93 -1.71	44.23 2.27 -2.10	36.13 1.92 0.00	30.00 1.72 0.00	27.26 1.54 0.00	25.89 1.53 0.00	24.80 1.45 0.00	25.26 1.52 0.00	26.49 1.57 0.00	29.13 1.62 0.00	35.10 2.05 -0.99	44.26 2.17 -8.11	40.45 2.04 -7.43	34.23 1.56 -8.62	31.93 1.13 -12.31	28.26 0.66 -16.70	25.42 0.39 -18.35	24.26 0.32 -18.35
WHITEHAL_115KV_TB1 80871	28.60 2.15 -2.56	27.46 1.54 -8.80	27.48 1.49 -9.56	27.49 1.11 -14.23	27.51 1.67 -7.64	29.28 2.73 0.00	42.82 4.19 -2.20	46.82 4.27 -2.69	37.67 3.46 0.00	30.70 2.43 0.00	27.69 1.98 0.00	25.99 1.63 0.00	24.99 1.63 0.00	25.40 1.66 0.00	26.78 1.87 0.00	29.73 2.23 0.00	35.99 2.66 -1.27	47.60 3.23 -10.39	43.28 2.79 -9.52	37.12 2.02 -11.05	35.75 1.48 -15.78	33.14 0.84 -21.40	30.74 0.55 -23.53	29.57 0.46 -23.52
WHITEPLN_13_KV_LOAD 356215	27.48 1.53 -2.05	25.25 1.06 -7.07	25.12 1.02 -7.68	24.36 0.78 -11.43	25.43 1.09 -6.14	28.25 1.70 0.00	40.64 2.44 -1.77	45.01 2.99 -2.16	36.71 2.50 0.00	30.45 2.18 0.00	27.67 1.95 0.00	26.28 1.92 0.00	25.17 1.82 0.00	25.64 1.90 0.00	26.88 1.97 0.00	29.60 2.09 0.00	35.70 2.63 -1.02	44.91 2.58 -8.35	41.16 2.54 -7.65	34.83 1.90 -8.87	32.59 1.42 -12.68	28.91 0.82 -17.19	26.05 0.48 -18.90	24.87 0.39 -18.90
WM_FLOYD_69_KV_BK2 356380	42.78 2.03 -16.86	42.16 1.44 -23.60	41.43 1.36 -23.64	40.74 1.01 -27.58	40.86 1.49 -21.17	42.89 2.26 -14.08	52.32 3.17 -12.71	56.48 3.59 -13.03	46.43 3.11 -9.10	40.90 2.57 -10.06	30.60 2.44 -2.44	29.91 2.36 -3.19	28.54 2.27 -2.92	30.28 2.37 -4.17	33.55 2.52 -6.11	39.91 2.70 -9.71	62.10 3.24 -26.81	64.15 3.81 -26.37	50.27 3.44 -15.85	44.11 2.67 -17.39	41.64 2.01 -21.15	36.83 1.17 -24.77	35.56 0.69 -28.20	32.17 0.55 -26.03
WOODARD___115KV_TB2 355635	23.88 -0.02 -0.01	18.20 -0.02 -1.10	17.64 -0.02 -1.23	14.36 -0.01 -2.22	19.32 0.00 -1.13	26.50 -0.05 0.00	36.56 -0.22 -0.34	40.05 -0.24 -0.42	34.08 -0.14 0.00	28.19 -0.08 0.00	25.66 -0.05 0.00	24.26 -0.10 0.00	23.28 -0.07 0.00	23.64 -0.09 0.00	24.82 -0.10 0.00	27.40 -0.11 0.00	31.96 -0.29 -0.20	35.29 -0.31 -1.62	32.21 -0.25 -1.48	25.68 -0.10 -1.72	20.61 -0.06 -2.18	14.02 -0.03 -3.15	10.20 -0.02 -3.55	9.14 -0.01 -3.56
YORK___WARBASSE 23770	27.67 1.72 -2.06	25.41 1.22 -7.07	25.26 1.15 -7.69	24.46 0.86 -11.44	25.58 1.24 -6.15	28.22 1.67 0.00	40.43 2.22 -1.77	44.54 2.51 -2.16	36.51 2.29 0.00	30.42 2.15 0.00	27.67 1.95 0.00	26.28 1.92 0.00	25.20 1.84 0.00	25.66 1.92 0.00	26.91 1.99 0.00	29.54 2.04 0.00	35.67 2.60 -1.03	44.88 2.55 -8.36	41.11 2.48 -7.66	34.86 1.92 -8.88	32.53 1.35 -12.69	28.94 0.83 -17.21	26.10 0.51 -18.92	24.94 0.42 -18.92