

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

### --- Marginal Cost of Congestion

## Generator Data

11/28/2023

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	26.42	28.59	27.53	30.04	28.98	27.87	35.62	31.32	26.90	25.11	35.92	40.27	37.82	52.79	51.71	35.63	41.54	43.47	42.21	41.02	44.11	40.94	37.38	29.24
24138	0.91	0.12	-0.29	0.56	0.94	1.37	1.86	1.91	1.86	1.57	1.53	1.86	2.08	2.03	1.04	3.16	3.57	3.97	3.82	3.72	3.60	3.43	2.96	2.23
	-8.29	-26.25	-33.51	-18.04	-11.41	-5.31	-7.84	-3.80	0.00	-2.59	-16.46	-16.05	-10.79	-26.60	-37.70	0.00	-2.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	26.43	28.59	27.53	30.06	29.00	27.88	35.62	31.31	26.87	25.07	35.88	40.21	37.75	52.75	51.69	35.56	41.46	43.39	42.14	40.97	44.08	40.89	37.34	29.19
24260	0.91	0.12	-0.30	0.58	0.96	1.37	1.85	1.91	1.83	1.53	1.49	1.80	2.02	1.99	1.02	3.09	3.49	3.89	3.75	3.66	3.57	3.38	2.92	2.18
	-8.30	-26.25	-33.52	-18.04	-11.41	-5.31	-7.84	-3.80	0.00	-2.59	-16.46	-16.05	-10.79	-26.60	-37.70	0.00	-2.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	26.43	28.59	27.53	30.06	29.00	27.88	35.62	31.31	26.87	25.07	35.88	40.21	37.75	52.75	51.69	35.56	41.46	43.39	42.14	40.97	44.08	40.89	37.34	29.19
24261	0.91	0.12	-0.30	0.58	0.96	1.37	1.85	1.91	1.83	1.53	1.49	1.80	2.02	1.99	1.02	3.09	3.49	3.89	3.75	3.66	3.57	3.38	2.92	2.18
	-8.30	-26.25	-33.52	-18.04	-11.41	-5.31	-7.84	-3.80	0.00	-2.59	-16.46	-16.05	-10.79	-26.60	-37.70	0.00	-2.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	28.43	35.96	37.12	34.93	31.83	28.89	37.29	31.81	26.27	23.84	39.89	43.99	40.01	59.55	61.95	34.56	41.15	42.46	41.20	39.95	43.12	39.85	36.54	28.58
24011	0.57	0.07	-0.16	0.36	0.57	0.89	1.30	1.34	1.23	0.90	0.85	1.05	1.23	1.28	0.64	2.09	2.60	2.97	2.81	2.65	2.61	2.34	2.12	1.56
	-10.64	-33.66	-42.98	-23.14	-14.64	-6.81	-10.05	-4.88	0.00	-1.99	-21.10	-20.58	-13.84	-34.11	-48.34	0.00	-2.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	28.48	35.98	37.14	34.98	31.89	28.99	37.46	31.99	26.44	23.97	40.03	44.13	40.19	59.75	62.05	34.80	41.50	42.88	41.56	40.28	43.39	40.12	36.80	28.77
23798	0.62	0.08	-0.17	0.39	0.62	0.98	1.47	1.51	1.40	1.03	0.98	1.18	1.40	1.46	0.71	2.33	2.94	3.39	3.17	2.98	2.88	2.60	2.39	1.76
	-10.64	-33.68	-43.00	-23.15	-14.65	-6.81	-10.06	-4.88	0.00	-1.99	-21.12	-20.59	-13.85	-34.12	-48.37	0.00	-2.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	28.43	35.96	37.12	34.93	31.83	28.89	37.29	31.81	26.27	23.84	39.89	43.99	40.01	59.55	61.95	34.56	41.15	42.46	41.20	39.95	43.12	39.85	36.54	28.58
24028	0.57	0.07	-0.16	0.36	0.57	0.89	1.30	1.34	1.23	0.90	0.85	1.05	1.23	1.28	0.64	2.09	2.60	2.97	2.81	2.65	2.61	2.34	2.12	1.56
	-10.64	-33.66	-42.98	-23.14	-14.64	-6.81	-10.05	-4.88	0.00	-1.99	-21.10	-20.58	-13.84	-34.11	-48.34	0.00	-2.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	28.40	34.86	35.52	34.38	31.59	28.96	37.21	31.89	26.54	24.12	39.39	43.66	39.97	58.76	60.49	34.98	41.20	42.41	41.18	39.99	43.55	40.35	36.98	29.00
23527	0.91	0.12	-0.31	0.59	0.82	1.18	1.57	1.57	1.50	1.20	1.08	1.42	1.65	1.65	0.82	2.51	2.74	2.92	2.79	2.70	3.03	2.84	2.57	1.99
	-10.28	-32.52	-41.52	-22.35	-14.14	-6.58	-9.71	-4.71	0.00	-1.97	-20.39	-19.88	-13.37	-32.95	-46.70	0.00	-2.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	27.83	35.05	36.11	34.09	31.13	28.25	36.23	30.89	25.57	23.32	38.87	42.85	38.97	57.90	60.30	33.60	39.70	40.85	39.69	38.56	41.75	38.63	35.37	27.97
24190	0.25	0.05	-0.05	0.12	0.24	0.42	0.51	0.53	0.52	0.41	0.39	0.45	0.55	0.53	0.25	1.13	1.22	1.36	1.29	1.27	1.24	1.12	0.94	0.96
	-10.36	-32.79	-41.86	-22.53	-14.26	-6.63	-9.79	-4.75	0.00	-1.95	-20.55	-20.04	-13.48	-33.22	-47.08	0.00	-2.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	16.67	3.22	-4.13	11.46	15.97	19.31	23.27	23.15	22.36	18.65	6.14	1.86	12.29	-21.64	-22.99	30.49	35.40	38.82	37.67	36.61	40.01	37.08	34.17	26.77
355683	-0.86	0.03	0.31	-0.64	-1.08	-2.09	-2.96	-2.60	-2.68	-2.37	-2.39	-2.70	-3.02	-2.80	-1.38	-0.56	-0.50	-0.68	-0.72	-0.69	-0.50	-0.43	-0.25	-0.25
	-0.31	-0.97	-1.25	-0.67	-0.42	-0.20	-0.30	-0.15	0.00	-0.06	9.39	17.80	9.62	43.00	34.57	1.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	27.83	35.05	36.11	34.09	31.13	28.25	36.23	30.89	25.57	23.32	38.87	42.85	38.97	57.90	60.30	33.60	39.70	40.85	39.69	38.56	41.75	38.63	35.37	27.97
23571	0.25	0.05	-0.05	0.12	0.24	0.42	0.51	0.53	0.52	0.41	0.39	0.45	0.55	0.53	0.25	1.13	1.22	1.36	1.29	1.27	1.24	1.12	0.94	0.96
	-10.36	-32.79	-41.86	-22.53	-14.26	-6.63	-9.79	-4.75	0.00	-1.95	-20.55	-20.04	-13.48	-33.22	-47.08	0.00	-2.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___2	27.83	35.05	36.11	34.09	31.13	28.25	36.23	30.89	25.57	23.32	38.87	42.85	38.97	57.90	60.30	33.60	39.70	40.85	39.69	38.56	41.75	38.63	35.37	27.97
23572	0.25	0.05	-0.05	0.12	0.24	0.42	0.51	0.53	0.52	0.41	0.39	0.45	0.55	0.53	0.25	1.13	1.22	1.36	1.29	1.27	1.24	1.12	0.94	0.96
	-10.36	-32.79	-41.86	-22.53	-14.26	-6.63	-9.79	-4.75	0.00	-1.95	-20.55	-20.04	-13.48	-33.22	-47.08	0.00	-2.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___3	27.83	35.05	36.11	34.09	31.13	28.25	36.23	30.89	25.57	23.32	38.87	42.85	38.97	57.90	60.30	33.60	39.70	40.85	39.69	38.56	41.75	38.63	35.37	27.97
23573	0.25	0.05	-0.05	0.12	0.24	0.42	0.51	0.53	0.52	0.41	0.39	0.45	0.55	0.53	0.25	1.13	1.22	1.36	1.29	1.27	1.24	1.12	0.94	0.96
	-10.36	-32.79	-41.86	-22.53	-14.26	-6.63	-9.79	-4.75	0.00	-1.95	-20.55	-20.04	-13.48	-33.22	-47.08	0.00	-2.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___4 23574	27.83 0.25 -10.36	35.05 0.05 -32.79	36.11 -0.05 -41.86	34.09 0.12 -22.53	31.13 0.24 -14.26	28.25 0.42 -6.63	36.23 0.51 -9.79	30.89 0.53 -4.75	25.57 0.52 0.00	23.32 0.41 -1.95	38.87 0.39 -20.55	42.85 0.45 -20.04	38.97 0.55 -13.48	57.90 0.53 -33.22	60.30 0.25 -47.08	33.60 1.13 0.00	39.70 1.22 -2.59	40.85 1.36 0.00	39.69 1.29 0.00	38.56 1.27 0.00	41.75 1.24 0.00	38.63 1.12 0.00	35.37 0.94 0.00	27.97 0.96 0.00
ALBANY___LFGE 323615	28.08 0.43 -10.44	35.31 0.07 -33.03	36.36 -0.11 -42.16	34.37 0.24 -22.70	31.40 0.42 -14.36	28.52 0.64 -6.68	36.60 0.81 -9.86	31.21 0.82 -4.79	25.83 0.79 0.00	23.56 0.64 -1.97	39.22 0.59 -20.71	43.27 0.72 -20.19	39.37 0.85 -13.58	58.44 0.82 -33.46	60.81 0.41 -47.43	33.99 1.52 0.00	40.18 1.68 -2.60	41.36 1.87 0.00	40.17 1.78 0.00	39.03 1.73 0.00	42.24 1.73 0.00	39.08 1.57 0.00	35.77 1.35 0.00	28.24 1.23 0.00
ALCOA_PA_115KV_PL-6C 55860	16.78 -0.76 -0.33	3.29 0.04 -1.03	-4.11 0.26 -1.32	11.60 -0.54 -0.71	16.12 -0.95 -0.45	19.45 -1.96 -0.21	23.44 -2.80 -0.32	23.28 -2.48 -0.16	22.50 -2.54 0.00	18.75 -2.26 -0.06	5.72 -2.31 9.91	1.10 -2.55 18.72	12.59 -2.86 9.49	-21.78 -2.65 43.30	-23.15 -1.28 34.84	31.50 -0.37 0.59	37.00 -0.38 -1.48	40.43 -0.63 -1.57	39.34 -0.64 -1.59	38.29 -0.57 -1.56	41.79 -0.38 -1.65	38.77 -0.32 -1.57	35.59 -0.09 -1.26	27.97 -0.11 -1.07
ALCOA_RYNLDS___DRP 24188	16.78 -0.76 -0.33	3.29 0.04 -1.03	-4.11 0.26 -1.32	11.60 -0.54 -0.71	16.12 -0.95 -0.45	19.45 -1.96 -0.21	23.44 -2.80 -0.32	23.28 -2.48 -0.16	22.50 -2.54 0.00	18.75 -2.26 -0.06	5.72 -2.31 9.91	1.10 -2.55 18.72	12.59 -2.86 9.49	-21.78 -2.65 43.30	-23.15 -1.28 34.84	31.50 -0.37 0.59	37.00 -0.38 -1.48	40.43 -0.63 -1.57	39.34 -0.64 -1.59	38.29 -0.57 -1.56	41.79 -0.38 -1.65	38.77 -0.32 -1.57	35.59 -0.09 -1.26	27.97 -0.11 -1.07
ALCOA___DSASP 323711	16.78 -0.76 -0.33	3.29 0.04 -1.03	-4.11 0.26 -1.32	11.60 -0.54 -0.71	16.12 -0.95 -0.45	19.45 -1.96 -0.21	23.44 -2.80 -0.32	23.26 -2.50 -0.16	22.50 -2.54 0.00	18.75 -2.26 -0.06	5.72 -2.31 9.91	1.09 -2.56 18.72	12.59 -2.85 9.49	-21.78 -2.65 43.30	-23.15 -1.28 34.84	31.51 -0.37 0.59	37.00 -0.38 -1.48	40.43 -0.63 -1.57	39.34 -0.64 -1.59	38.29 -0.57 -1.56	41.79 -0.38 -1.65	38.77 -0.32 -1.57	35.59 -0.09 -1.26	27.96 -0.11 -1.07
ALLEGHENY___COGEN 23514	19.80 0.46 -2.13	8.96 0.02 -6.73	2.72 -0.18 -8.59	16.41 0.35 -4.63	20.12 0.58 -2.93	23.25 0.69 -1.36	28.92 0.98 -2.01	27.41 0.82 -0.98	25.90 0.86 0.00	21.89 0.59 -0.34	22.37 0.25 -4.20	26.84 0.38 -4.10	28.11 0.41 -2.76	31.45 0.50 -6.79	22.79 0.21 -9.62	33.27 0.80 0.00	36.93 0.50 -0.53	40.08 0.58 0.00	39.18 0.78 0.00	38.10 0.80 0.00	41.89 1.38 0.00	38.69 1.18 0.00	35.59 1.17 0.00	28.07 1.06 0.00
ALTAMONT_115KV_TB 2 55880	28.05 0.45 -10.38	35.13 0.06 -32.85	36.11 -0.14 -41.94	34.30 0.29 -22.58	31.37 0.46 -14.28	28.50 0.66 -6.64	36.59 0.85 -9.81	31.21 0.85 -4.76	25.85 0.80 0.00	23.56 0.65 -1.95	39.12 0.60 -20.59	43.16 0.73 -20.08	39.29 0.85 -13.50	58.26 0.82 -33.28	60.56 0.42 -47.17	33.93 1.46 0.00	40.12 1.63 -2.59	41.33 1.83 0.00	40.17 1.78 0.00	39.04 1.74 0.00	42.26 1.74 0.00	39.12 1.61 0.00	35.81 1.39 0.00	28.15 1.14 0.00
ALTONA_WT_PWR 323606	16.74 -0.79 -0.31	3.27 0.07 -0.97	-4.13 0.32 -1.24	11.48 -0.62 -0.67	16.07 -0.98 -0.42	19.39 -2.01 -0.20	23.30 -2.93 -0.30	23.37 -2.39 -0.15	22.40 -2.64 0.00	18.40 -2.60 -0.06	-2.42 -2.90 17.45	-15.23 -3.45 34.14	-21.00 -3.73 42.21	-22.75 -3.13 43.79	-23.71 -1.49 35.20	-21.47 -1.43 52.51	-21.04 -1.37 55.57	-21.04 -1.74 58.79	-21.08 -1.81 57.66	-21.03 -1.74 56.59	-21.04 -1.53 60.02	-20.99 -1.35 57.15	-12.31 -1.06 45.67	-12.65 -0.95 38.71
AMERICAN_REF_FUEL 24010	18.64 -0.55 -1.97	8.32 -0.13 -6.23	2.44 0.18 -7.96	15.27 -0.44 -4.28	18.68 -0.66 -2.71	21.49 -0.96 -1.26	26.49 -1.31 -1.86	24.94 -1.56 -0.90	23.81 -1.23 0.00	20.30 -0.97 -0.31	20.70 -1.11 -3.87	24.89 -1.25 -3.78	26.20 -1.28 -2.54	29.16 -1.27 -6.27	20.99 -0.83 -8.85	30.59 -1.88 0.00	33.57 -2.81 -0.49	36.26 -3.24 0.00	35.41 -2.98 0.00	34.41 -2.89 0.00	37.85 -2.67 0.00	34.90 -2.62 0.00	32.25 -2.17 0.00	25.72 -1.30 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	19.38 0.06 -2.11	8.85 -0.03 -6.66	2.84 0.02 -8.50	15.92 -0.09 -4.58	19.33 -0.19 -2.90	22.22 -0.32 -1.35	27.76 -0.16 -1.99	26.20 -0.36 -0.97	24.89 -0.15 0.00	21.17 -0.12 -0.33	21.69 -0.37 -4.13	26.10 -0.29 -4.03	27.23 -0.42 -2.71	30.44 -0.40 -6.69	21.99 -0.42 -9.44	31.62 -0.85 0.00	35.00 -1.42 -0.52	37.93 -1.56 0.00	37.14 -1.26 0.00	36.10 -1.19 0.00	39.74 -0.77 0.00	37.01 -0.50 0.00	34.38 -0.04 0.00	27.12 0.11 0.00
ARTHUR_KILL_GT_1 23520	26.33 0.82 -8.30	28.57 0.10 -26.25	27.59 -0.24 -33.52	29.94 0.46 -18.04	28.83 0.79 -11.41	27.69 1.18 -5.31	35.39 1.62 -7.84	31.10 1.69 -3.80	26.73 1.69 0.00	24.93 1.39 -2.59	35.74 1.35 -16.46	39.99 1.58 -16.05	37.49 1.76 -10.79	52.46 1.69 -26.60	51.57 0.89 -37.70	35.38 2.91 0.00	41.16 3.19 -2.07	43.02 3.52 0.00	41.82 3.43 0.00	40.82 3.52 0.00	43.78 3.26 0.00	40.77 3.25 0.00	37.14 2.72 0.00	29.06 2.05 0.00
ARTHUR_KILL_2 23512	26.28 0.76 -8.30	28.57 0.09 -26.25	27.61 -0.22 -33.52	29.90 0.42 -18.04	28.78 0.74 -11.41	27.62 1.11 -5.31	35.30 1.54 -7.84	31.01 1.60 -3.80	26.64 1.60 0.00	24.87 1.33 -2.59	35.69 1.30 -16.46	39.92 1.51 -16.05	37.42 1.69 -10.79	52.38 1.61 -26.60	51.53 0.86 -37.70	35.27 2.80 0.00	41.04 3.07 -2.07	42.87 3.37 0.00	41.68 3.29 0.00	40.69 3.39 0.00	43.65 3.14 0.00	40.63 3.12 0.00	37.02 2.60 0.00	28.97 1.96 0.00
ARTHUR_KILL_3 23513	26.20 0.69 -8.29	28.56 0.09 -26.25	27.60 -0.22 -33.51	29.91 0.43 -18.04	28.80 0.76 -11.41	27.62 1.11 -5.31	35.29 1.53 -7.84	30.98 1.58 -3.80	26.51 1.47 0.00	24.77 1.22 -2.59	35.62 1.23 -16.46	39.88 1.48 -16.05	37.37 1.64 -10.79	52.36 1.61 -26.58	51.49 0.81 -37.70	35.08 2.61 0.00	40.94 2.97 -2.07	42.79 3.29 0.00	41.58 3.18 0.00	40.44 3.14 0.00	43.49 2.97 0.00	40.38 2.86 0.00	36.87 2.45 0.00	28.85 1.84 0.00
ARTHUR_KILL_COGEN 323718	26.33 0.82 -8.30	28.57 0.10 -26.25	27.59 -0.24 -33.52	29.94 0.46 -18.04	28.83 0.79 -11.41	27.69 1.18 -5.31	35.39 1.62 -7.84	31.10 1.69 -3.80	26.73 1.69 0.00	24.93 1.39 -2.59	35.74 1.35 -16.46	39.99 1.58 -16.05	37.49 1.76 -10.79	52.46 1.69 -26.60	51.57 0.89 -37.70	35.38 2.91 0.00	41.16 3.19 -2.07	43.02 3.52 0.00	41.82 3.43 0.00	40.82 3.52 0.00	43.78 3.26 0.00	40.77 3.25 0.00	37.14 2.72 0.00	29.06 2.05 0.00
ASHOKAN____ 23654	27.52 0.97 -9.34	31.89 0.13 -29.55	31.74 -0.28 -37.72	32.33 0.58 -20.31	30.40 0.93 -12.85	28.50 1.32 -5.97	36.50 1.75 -8.82	31.72 1.83 -4.28	26.91 1.87 0.00	23.86 1.40 -1.50	37.44 0.99 -18.52	41.71 1.28 -18.06	38.51 1.43 -12.15	55.48 1.38 -29.93	56.10 0.70 -42.43	35.23 2.76 0.00	41.58 3.35 -2.33	43.45 3.96 0.00	42.26 3.87 0.00	41.05 3.75 0.00	44.39 3.87 0.00	40.91 3.40 0.00	37.31 2.89 0.00	29.31 2.30 0.00

ASTORIA_EAST_ENERGY_CC1 323581	26.18 0.67 -8.30	28.56 0.09 -26.25	27.61 -0.21 -33.52	29.89 0.41 -18.04	28.75 0.71 -11.41	27.61 1.11 -5.31	35.35 1.59 -7.84	31.06 1.65 -3.80	26.60 1.56 0.00	24.85 1.30 -2.59	35.78 1.39 -16.46	39.90 1.49 -16.05	37.43 1.69 -10.79	52.46 1.70 -26.60	51.55 0.88 -37.70	35.21 2.74 0.00	41.06 3.09 -2.07	42.96 3.47 0.00	41.73 3.34 0.00	40.61 3.31 0.00	43.70 3.18 0.00	40.53 3.01 0.00	36.92 2.50 0.00	28.85 1.84 0.00
ASTORIA_EAST_ENERGY_CC2 323582	26.18 0.67 -8.30	28.56 0.09 -26.25	27.61 -0.21 -33.52	29.89 0.41 -18.04	28.75 0.71 -11.41	27.61 1.11 -5.31	35.35 1.59 -7.84	31.06 1.65 -3.80	26.60 1.56 0.00	24.85 1.30 -2.59	35.78 1.39 -16.46	39.90 1.49 -16.05	37.43 1.69 -10.79	52.46 1.70 -26.60	51.55 0.88 -37.70	35.21 2.74 0.00	41.06 3.09 -2.07	42.96 3.47 0.00	41.73 3.34 0.00	40.61 3.31 0.00	43.70 3.18 0.00	40.53 3.01 0.00	36.92 2.50 0.00	28.85 1.84 0.00
ASTORIA_GT2_1 24094	26.19 0.68 -8.30	28.56 0.09 -26.25	27.61 -0.22 -33.52	29.90 0.42 -18.04	28.76 0.72 -11.41	27.62 1.11 -5.31	35.37 1.60 -7.84	31.07 1.66 -3.80	26.62 1.58 0.00	24.86 1.32 -2.59	35.80 1.41 -16.46	39.93 1.52 -16.05	37.44 1.70 -10.79	52.48 1.72 -26.60	51.56 0.88 -37.70	35.24 2.77 0.00	41.07 3.11 -2.07	42.99 3.49 0.00	41.76 3.36 0.00	40.62 3.32 0.00	43.72 3.20 0.00	40.54 3.03 0.00	36.94 2.53 0.00	28.86 1.85 0.00
ASTORIA_GT2_2 24095	26.19 0.68 -8.30	28.56 0.09 -26.25	27.61 -0.22 -33.52	29.90 0.42 -18.04	28.76 0.72 -11.41	27.62 1.11 -5.31	35.37 1.60 -7.84	31.07 1.66 -3.80	26.62 1.58 0.00	24.86 1.32 -2.59	35.80 1.41 -16.46	39.93 1.52 -16.05	37.44 1.70 -10.79	52.48 1.72 -26.60	51.56 0.88 -37.70	35.24 2.77 0.00	41.07 3.11 -2.07	42.99 3.49 0.00	41.76 3.36 0.00	40.62 3.32 0.00	43.72 3.20 0.00	40.54 3.03 0.00	36.94 2.53 0.00	28.86 1.85 0.00
ASTORIA_GT2_3 24096	26.19 0.68 -8.30	28.56 0.09 -26.25	27.61 -0.22 -33.52	29.90 0.42 -18.04	28.76 0.72 -11.41	27.62 1.11 -5.31	35.37 1.60 -7.84	31.07 1.66 -3.80	26.62 1.58 0.00	24.86 1.32 -2.59	35.80 1.41 -16.46	39.93 1.52 -16.05	37.44 1.70 -10.79	52.48 1.72 -26.60	51.56 0.88 -37.70	35.24 2.77 0.00	41.07 3.11 -2.07	42.99 3.49 0.00	41.76 3.36 0.00	40.62 3.32 0.00	43.72 3.20 0.00	40.54 3.03 0.00	36.94 2.53 0.00	28.86 1.85 0.00
ASTORIA_GT2_4 24097	26.19 0.68 -8.30	28.56 0.09 -26.25	27.61 -0.22 -33.52	29.90 0.42 -18.04	28.76 0.72 -11.41	27.62 1.11 -5.31	35.37 1.60 -7.84	31.07 1.66 -3.80	26.62 1.58 0.00	24.86 1.32 -2.59	35.80 1.41 -16.46	39.93 1.52 -16.05	37.44 1.70 -10.79	52.48 1.72 -26.60	51.56 0.88 -37.70	35.24 2.77 0.00	41.07 3.11 -2.07	42.99 3.49 0.00	41.76 3.36 0.00	40.62 3.32 0.00	43.72 3.20 0.00	40.54 3.03 0.00	36.94 2.53 0.00	28.86 1.85 0.00
ASTORIA_GT3_1 24098	26.19 0.68 -8.30	28.56 0.09 -26.25	27.61 -0.22 -33.52	29.90 0.42 -18.04	28.76 0.72 -11.41	27.62 1.11 -5.31	35.37 1.60 -7.84	31.07 1.66 -3.80	26.62 1.58 0.00	24.86 1.32 -2.59	35.80 1.41 -16.46	39.93 1.52 -16.05	37.44 1.70 -10.79	52.48 1.72 -26.60	51.56 0.88 -37.70	35.24 2.77 0.00	41.07 3.11 -2.07	42.99 3.49 0.00	41.76 3.36 0.00	40.62 3.32 0.00	43.72 3.20 0.00	40.54 3.03 0.00	36.94 2.53 0.00	28.86 1.85 0.00
ASTORIA_GT3_2 24099	26.19 0.68 -8.30	28.56 0.09 -26.25	27.61 -0.22 -33.52	29.90 0.42 -18.04	28.76 0.72 -11.41	27.62 1.11 -5.31	35.37 1.60 -7.84	31.07 1.66 -3.80	26.62 1.58 0.00	24.86 1.32 -2.59	35.80 1.41 -16.46	39.93 1.52 -16.05	37.44 1.70 -10.79	52.48 1.72 -26.60	51.56 0.88 -37.70	35.24 2.77 0.00	41.07 3.11 -2.07	42.99 3.49 0.00	41.76 3.36 0.00	40.62 3.32 0.00	43.72 3.20 0.00	40.54 3.03 0.00	36.94 2.53 0.00	28.86 1.85 0.00
ASTORIA_GT3_3 24100	26.19 0.68 -8.30	28.56 0.09 -26.25	27.61 -0.22 -33.52	29.90 0.42 -18.04	28.76 0.72 -11.41	27.62 1.11 -5.31	35.37 1.60 -7.84	31.07 1.66 -3.80	26.62 1.58 0.00	24.86 1.32 -2.59	35.80 1.41 -16.46	39.93 1.52 -16.05	37.44 1.70 -10.79	52.48 1.72 -26.60	51.56 0.88 -37.70	35.24 2.77 0.00	41.07 3.11 -2.07	42.99 3.49 0.00	41.76 3.36 0.00	40.62 3.32 0.00	43.72 3.20 0.00	40.54 3.03 0.00	36.94 2.53 0.00	28.86 1.85 0.00
ASTORIA_GT3_4 24101	26.19 0.68 -8.30	28.56 0.09 -26.25	27.61 -0.22 -33.52	29.90 0.42 -18.04	28.76 0.72 -11.41	27.62 1.11 -5.31	35.37 1.60 -7.84	31.07 1.66 -3.80	26.62 1.58 0.00	24.86 1.32 -2.59	35.80 1.41 -16.46	39.93 1.52 -16.05	37.44 1.70 -10.79	52.48 1.72 -26.60	51.56 0.88 -37.70	35.24 2.77 0.00	41.07 3.11 -2.07	42.99 3.49 0.00	41.76 3.36 0.00	40.62 3.32 0.00	43.72 3.20 0.00	40.54 3.03 0.00	36.94 2.53 0.00	28.86 1.85 0.00
ASTORIA_GT4_1 24102	26.19 0.68 -8.30	28.56 0.09 -26.25	27.61 -0.22 -33.52	29.90 0.42 -18.04	28.76 0.72 -11.41	27.62 1.11 -5.31	35.37 1.60 -7.84	31.07 1.66 -3.80	26.62 1.58 0.00	24.86 1.32 -2.59	35.80 1.41 -16.46	39.93 1.52 -16.05	37.44 1.70 -10.79	52.48 1.72 -26.60	51.56 0.88 -37.70	35.24 2.77 0.00	41.07 3.11 -2.07	42.99 3.49 0.00	41.76 3.36 0.00	40.62 3.32 0.00	43.72 3.20 0.00	40.54 3.03 0.00	36.94 2.53 0.00	28.86 1.85 0.00
ASTORIA_GT4_2 24103	26.19 0.68 -8.30	28.56 0.09 -26.25	27.61 -0.22 -33.52	29.90 0.42 -18.04	28.76 0.72 -11.41	27.62 1.11 -5.31	35.37 1.60 -7.84	31.07 1.66 -3.80	26.62 1.58 0.00	24.86 1.32 -2.59	35.80 1.41 -16.46	39.93 1.52 -16.05	37.44 1.70 -10.79	52.48 1.72 -26.60	51.56 0.88 -37.70	35.24 2.77 0.00	41.07 3.11 -2.07	42.99 3.49 0.00	41.76 3.36 0.00	40.62 3.32 0.00	43.72 3.20 0.00	40.54 3.03 0.00	36.94 2.53 0.00	28.86 1.85 0.00
ASTORIA_GT4_3 24104	26.19 0.68 -8.30	28.56 0.09 -26.25	27.61 -0.22 -33.52	29.90 0.42 -18.04	28.76 0.72 -11.41	27.62 1.11 -5.31	35.37 1.60 -7.84	31.07 1.66 -3.80	26.62 1.58 0.00	24.86 1.32 -2.59	35.80 1.41 -16.46	39.93 1.52 -16.05	37.44 1.70 -10.79	52.48 1.72 -26.60	51.56 0.88 -37.70	35.24 2.77 0.00	41.07 3.11 -2.07	42.99 3.49 0.00	41.76 3.36 0.00	40.62 3.32 0.00	43.72 3.20 0.00	40.54 3.03 0.00	36.94 2.53 0.00	28.86 1.85 0.00
ASTORIA_GT4_4 24105	26.19 0.68 -8.30	28.56 0.09 -26.25	27.61 -0.22 -33.52	29.90 0.42 -18.04	28.76 0.72 -11.41	27.62 1.11 -5.31	35.37 1.60 -7.84	31.07 1.66 -3.80	26.62 1.58 0.00	24.86 1.32 -2.59	35.80 1.41 -16.46	39.93 1.52 -16.05	37.44 1.70 -10.79	52.48 1.72 -26.60	51.56 0.88 -37.70	35.24 2.77 0.00	41.07 3.11 -2.07	42.99 3.49 0.00	41.76 3.36 0.00	40.62 3.32 0.00	43.72 3.20 0.00	40.54 3.03 0.00	36.94 2.53 0.00	28.86 1.85 0.00
ASTORIA_GT_1 23523	26.22 0.71 -8.30	28.56 0.09 -26.25	27.60 -0.23 -33.52	29.92 0.45 -18.04	28.79 0.75 -11.41	27.66 1.16 -5.31	35.43 1.66 -7.84	31.13 1.73 -3.80	26.67 1.63 0.00	24.91 1.37 -2.59	35.84 1.45 -16.46	39.97 1.56 -16.05	37.50 1.77 -10.79	52.54 1.77 -26.60	51.59 0.92 -37.70	35.32 2.85 0.00	41.17 3.20 -2.07	43.08 3.59 0.00	41.86 3.46 0.00	40.72 3.42 0.00	43.83 3.31 0.00	40.64 3.13 0.00	37.02 2.60 0.00	28.92 1.92 0.00

ASTORIA_GT_10 24110	26.30 0.79 -8.30	28.57 0.10 -26.25	27.57 -0.25 -33.52	29.96 0.49 -18.04	28.86 0.82 -11.41	27.71 1.21 -5.31	35.44 1.67 -7.84	31.14 1.73 -3.80	26.71 1.66 0.00	24.95 1.40 -2.59	35.80 1.41 -16.46	40.06 1.65 -16.05	37.59 1.86 -10.79	52.56 1.80 -26.60	51.60 0.92 -37.70	35.35 2.88 0.00	41.20 3.23 -2.07	43.11 3.62 0.00	41.87 3.48 0.00	40.73 3.43 0.00	43.82 3.31 0.00	40.72 3.21 0.00	37.17 2.75 0.00	29.05 2.04 0.00
ASTORIA_GT_11 24225	26.30 0.79 -8.30	28.57 0.10 -26.25	27.57 -0.25 -33.52	29.96 0.49 -18.04	28.86 0.82 -11.41	27.71 1.21 -5.31	35.44 1.67 -7.84	31.14 1.73 -3.80	26.71 1.66 0.00	24.95 1.40 -2.59	35.80 1.41 -16.46	40.06 1.65 -16.05	37.59 1.86 -10.79	52.56 1.80 -26.60	51.60 0.92 -37.70	35.35 2.88 0.00	41.20 3.23 -2.07	43.11 3.62 0.00	41.87 3.48 0.00	40.73 3.43 0.00	43.82 3.31 0.00	40.72 3.21 0.00	37.17 2.75 0.00	29.05 2.04 0.00
ASTORIA_GT_12 24226	26.30 0.79 -8.30	28.57 0.10 -26.25	27.57 -0.25 -33.52	29.96 0.49 -18.04	28.86 0.82 -11.41	27.71 1.21 -5.31	35.44 1.67 -7.84	31.14 1.73 -3.80	26.71 1.66 0.00	24.95 1.40 -2.59	35.80 1.41 -16.46	40.06 1.65 -16.05	37.59 1.86 -10.79	52.56 1.80 -26.60	51.60 0.92 -37.70	35.35 2.88 0.00	41.20 3.23 -2.07	43.11 3.62 0.00	41.87 3.48 0.00	40.73 3.43 0.00	43.82 3.31 0.00	40.72 3.21 0.00	37.17 2.75 0.00	29.05 2.04 0.00
ASTORIA_GT_13 24227	26.30 0.79 -8.30	28.57 0.10 -26.25	27.57 -0.25 -33.52	29.96 0.49 -18.04	28.86 0.82 -11.41	27.71 1.21 -5.31	35.44 1.67 -7.84	31.14 1.73 -3.80	26.71 1.66 0.00	24.95 1.40 -2.59	35.80 1.41 -16.46	40.06 1.65 -16.05	37.59 1.86 -10.79	52.56 1.80 -26.60	51.60 0.92 -37.70	35.35 2.88 0.00	41.20 3.23 -2.07	43.11 3.62 0.00	41.87 3.48 0.00	40.73 3.43 0.00	43.82 3.31 0.00	40.72 3.21 0.00	37.17 2.75 0.00	29.05 2.04 0.00
ASTORIA_GT_5 24106	26.22 0.71 -8.30	28.56 0.09 -26.25	27.60 -0.23 -33.52	29.92 0.45 -18.04	28.79 0.75 -11.41	27.66 1.16 -5.31	35.43 1.66 -7.84	31.13 1.73 -3.80	26.67 1.63 0.00	24.91 1.37 -2.59	35.84 1.45 -16.46	39.97 1.56 -16.05	37.50 1.77 -10.79	52.54 1.77 -26.60	51.59 0.92 -37.70	35.32 2.85 0.00	41.17 3.20 -2.07	43.08 3.59 0.00	41.86 3.46 0.00	40.72 3.42 0.00	43.83 3.31 0.00	40.64 3.13 0.00	37.02 2.60 0.00	28.92 1.92 0.00
ASTORIA_GT_7 24107	26.22 0.71 -8.30	28.56 0.09 -26.25	27.60 -0.23 -33.52	29.92 0.45 -18.04	28.79 0.75 -11.41	27.66 1.16 -5.31	35.43 1.66 -7.84	31.13 1.73 -3.80	26.67 1.63 0.00	24.91 1.37 -2.59	35.84 1.45 -16.46	39.97 1.56 -16.05	37.50 1.77 -10.79	52.54 1.77 -26.60	51.59 0.92 -37.70	35.32 2.85 0.00	41.17 3.20 -2.07	43.08 3.59 0.00	41.86 3.46 0.00	40.72 3.42 0.00	43.83 3.31 0.00	40.64 3.13 0.00	37.02 2.60 0.00	28.92 1.92 0.00
ASTORIA_GT_8 24108	26.22 0.71 -8.30	28.57 0.09 -26.25	27.60 -0.23 -33.52	29.92 0.44 -18.04	28.79 0.75 -11.41	27.66 1.16 -5.31	35.42 1.66 -7.84	31.13 1.73 -3.80	26.67 1.64 0.00	24.90 1.36 -2.59	35.84 1.45 -16.46	39.99 1.58 -16.05	37.50 1.77 -10.79	52.55 1.78 -26.60	51.60 0.92 -37.70	35.32 2.85 0.00	41.17 3.20 -2.07	43.08 3.59 0.00	41.87 3.47 0.00	40.72 3.42 0.00	43.82 3.31 0.00	40.64 3.13 0.00	37.03 2.61 0.00	28.92 1.91 0.00
ASTORIA___2 24149	26.19 0.67 -8.30	28.56 0.09 -26.25	27.61 -0.22 -33.52	29.90 0.42 -18.04	28.76 0.72 -11.41	27.62 1.12 -5.31	35.37 1.60 -7.84	31.07 1.66 -3.80	26.62 1.58 0.00	24.86 1.32 -2.59	35.80 1.41 -16.46	39.92 1.51 -16.05	37.44 1.71 -10.79	52.48 1.72 -26.60	51.56 0.88 -37.70	35.24 2.77 0.00	41.07 3.11 -2.07	42.99 3.49 0.00	41.76 3.37 0.00	40.62 3.32 0.00	43.72 3.20 0.00	40.54 3.03 0.00	36.94 2.52 0.00	28.86 1.86 0.00
ASTORIA___3 23516	26.30 0.79 -8.30	28.58 0.10 -26.25	27.57 -0.25 -33.52	29.96 0.49 -18.04	28.86 0.82 -11.41	27.71 1.21 -5.31	35.44 1.68 -7.84	31.14 1.74 -3.80	26.70 1.66 0.00	24.94 1.40 -2.59	35.80 1.41 -16.46	40.06 1.65 -16.05	37.59 1.86 -10.79	52.55 1.79 -26.60	51.60 0.93 -37.70	35.35 2.88 0.00	41.20 3.23 -2.07	43.11 3.61 0.00	41.88 3.48 0.00	40.73 3.43 0.00	43.82 3.30 0.00	40.72 3.21 0.00	37.17 2.75 0.00	29.06 2.04 0.00
ASTORIA___4 23517	26.30 0.79 -8.30	28.57 0.10 -26.25	27.57 -0.25 -33.52	29.96 0.49 -18.04	28.86 0.82 -11.41	27.71 1.21 -5.31	35.44 1.67 -7.84	31.14 1.73 -3.80	26.71 1.66 0.00	24.95 1.40 -2.59	35.80 1.41 -16.46	40.06 1.65 -16.05	37.59 1.86 -10.79	52.56 1.80 -26.60	51.60 0.92 -37.70	35.35 2.88 0.00	41.20 3.23 -2.07	43.11 3.62 0.00	41.87 3.48 0.00	40.73 3.43 0.00	43.82 3.31 0.00	40.72 3.21 0.00	37.17 2.75 0.00	29.05 2.04 0.00
ASTORIA___5 23518	26.30 0.79 -8.30	28.58 0.10 -26.25	27.57 -0.25 -33.52	29.96 0.49 -18.04	28.86 0.82 -11.41	27.71 1.21 -5.31	35.44 1.68 -7.84	31.14 1.74 -3.80	26.70 1.66 0.00	24.94 1.40 -2.59	35.80 1.41 -16.46	40.06 1.65 -16.05	37.59 1.86 -10.79	52.55 1.79 -26.60	51.60 0.93 -37.70	35.35 2.88 0.00	41.20 3.23 -2.07	43.11 3.61 0.00	41.88 3.48 0.00	40.73 3.43 0.00	43.82 3.30 0.00	40.72 3.21 0.00	37.17 2.75 0.00	29.06 2.04 0.00
AST_ENERGY_2_CC3 323677	26.27 0.76 -8.29	28.57 0.10 -26.25	27.58 -0.24 -33.51	29.94 0.47 -18.04	28.84 0.80 -11.41	27.67 1.17 -5.31	35.36 1.60 -7.84	31.07 1.67 -3.80	26.62 1.58 0.00	24.85 1.30 -2.59	35.71 1.32 -16.46	40.01 1.60 -16.05	37.50 1.77 -10.79	52.53 1.77 -26.60	51.58 0.90 -37.70	35.26 2.79 0.00	41.14 3.17 -2.07	43.00 3.51 0.00	41.73 3.34 0.00	40.57 3.28 0.00	43.65 3.13 0.00	40.51 3.00 0.00	37.01 2.59 0.00	28.97 1.96 0.00
AST_ENERGY_2_CC4 323678	26.27 0.76 -8.29	28.57 0.10 -26.25	27.58 -0.24 -33.51	29.94 0.47 -18.04	28.84 0.80 -11.41	27.67 1.17 -5.31	35.36 1.60 -7.84	31.07 1.67 -3.80	26.62 1.58 0.00	24.85 1.30 -2.59	35.71 1.32 -16.46	40.01 1.60 -16.05	37.50 1.77 -10.79	52.53 1.77 -26.60	51.58 0.90 -37.70	35.26 2.79 0.00	41.14 3.17 -2.07	43.00 3.51 0.00	41.73 3.34 0.00	40.57 3.28 0.00	43.65 3.13 0.00	40.51 3.00 0.00	37.01 2.59 0.00	28.97 1.96 0.00
ATHENS_STG_1 23668	26.89 0.49 -9.19	31.36 0.06 -29.08	31.26 -0.17 -37.12	31.78 0.36 -19.98	29.82 0.56 -12.64	27.81 0.73 -5.88	35.55 0.94 -8.68	30.74 0.92 -4.21	25.92 0.87 0.00	23.49 0.73 -1.80	36.86 0.71 -18.23	40.99 0.85 -17.78	37.87 0.97 -11.95	54.56 0.94 -29.46	55.19 0.47 -41.75	34.06 1.59 0.00	39.95 1.76 -2.29	41.48 1.98 0.00	40.34 1.94 0.00	39.21 1.91 0.00	42.39 1.88 0.00	39.28 1.77 0.00	35.93 1.51 0.00	28.19 1.18 0.00
ATHENS_STG_2 23670	26.89 0.49 -9.19	31.36 0.06 -29.08	31.26 -0.17 -37.12	31.78 0.36 -19.98	29.82 0.56 -12.64	27.81 0.73 -5.88	35.55 0.94 -8.68	30.74 0.92 -4.21	25.92 0.87 0.00	23.49 0.73 -1.80	36.86 0.71 -18.23	40.99 0.85 -17.78	37.87 0.97 -11.95	54.56 0.94 -29.46	55.19 0.47 -41.75	34.06 1.59 0.00	39.95 1.76 -2.29	41.48 1.98 0.00	40.34 1.94 0.00	39.21 1.91 0.00	42.39 1.88 0.00	39.28 1.77 0.00	35.93 1.51 0.00	28.19 1.18 0.00

ATHENS_STG_3 23677	26.89 0.49 -9.19	31.36 0.06 -29.08	31.26 -0.17 -37.12	31.78 0.36 -19.98	29.82 0.56 -12.64	27.81 0.73 -5.88	35.55 0.94 -8.68	30.74 0.92 -4.21	25.92 0.87 0.00	23.49 0.73 -1.80	36.86 0.71 -18.23	40.99 0.85 -17.78	37.87 0.97 -11.95	54.56 0.94 -29.46	55.19 0.47 -41.75	34.06 1.59 0.00	39.95 1.76 -2.29	41.48 1.98 0.00	40.34 1.94 0.00	39.21 1.91 0.00	42.39 1.88 0.00	39.28 1.77 0.00	35.93 1.51 0.00	28.19 1.18 0.00
AUBURN____LFGE 323710	19.15 0.18 -1.75	7.77 0.01 -5.54	1.31 -0.08 -7.08	15.41 0.16 -3.81	19.24 0.21 -2.41	22.57 0.25 -1.12	27.80 0.21 -1.66	26.73 0.31 -0.82	25.42 0.38 0.00	21.45 0.22 -0.28	21.52 0.12 -3.48	25.93 0.17 -3.39	27.33 0.11 -2.28	29.91 0.12 -5.62	21.07 0.13 -7.97	32.82 0.34 0.00	36.58 0.25 -0.44	39.95 0.45 0.00	38.76 0.37 0.00	37.76 0.46 0.00	40.85 0.34 0.00	37.86 0.35 0.00	34.68 0.26 0.00	27.29 0.28 0.00
BABYLON_RES_REC 323704	26.76 1.25 -8.30	28.67 0.19 -26.26	27.43 -0.40 -33.52	30.21 0.73 -18.05	29.31 1.27 -11.42	29.06 1.96 -5.90	36.24 2.47 -7.84	31.82 2.41 -3.81	27.25 2.21 0.00	25.35 1.81 -2.58	36.47 1.80 -16.74	40.71 2.19 -16.16	54.42 2.47 -27.01	87.56 2.56 -60.84	73.15 1.22 -58.95	53.88 3.41 -18.00	72.32 3.85 -32.58	75.52 4.28 -31.75	104.26 4.11 -61.75	81.29 4.07 -39.92	65.08 4.23 -20.33	47.32 4.04 -5.77	52.65 3.81 -14.42	33.81 2.83 -3.97
BABYLON__69_KV_BK2 356345	26.97 1.46 -8.30	28.69 0.22 -26.26	27.36 -0.47 -33.52	30.34 0.85 -18.05	29.50 1.46 -11.42	29.34 2.22 -5.91	36.59 2.82 -7.84	32.14 2.74 -3.81	27.55 2.51 0.00	25.60 2.07 -2.58	36.67 2.01 -16.73	40.98 2.46 -16.16	54.52 2.79 -26.78	88.36 2.88 -61.32	73.69 1.46 -59.26	54.30 4.09 -17.74	72.64 4.65 -32.09	79.29 5.35 -34.44	122.42 5.20 -78.82	85.36 5.12 -42.94	66.50 5.32 -20.66	48.23 4.86 -5.86	53.31 4.33 -14.56	34.26 3.21 -4.04
BALL_HILL_WT_PWR 323825	19.32 0.02 -2.08	8.76 -0.05 -6.59	2.73 0.01 -8.41	15.91 -0.05 -4.53	19.40 -0.09 -2.86	22.31 -0.22 -1.33	27.64 -0.25 -1.97	26.06 -0.49 -0.95	24.87 -0.17 0.00	21.18 -0.10 -0.33	21.71 -0.31 -4.09	26.14 -0.21 -3.99	27.38 -0.24 -2.68	30.55 -0.22 -6.62	21.95 -0.36 -9.34	31.77 -0.70 0.00	34.97 -1.44 -0.51	37.85 -1.64 0.00	37.05 -1.35 0.00	36.04 -1.26 0.00	39.62 -0.89 0.00	36.72 -0.79 0.00	33.98 -0.45 0.00	26.92 -0.09 0.00
BARON_WINDS____WT_PWR 323822	19.30 -0.42 -2.50	10.04 -0.09 -7.91	4.47 0.07 -10.10	16.76 -0.11 -5.44	19.99 -0.07 -3.44	22.53 -0.26 -1.60	28.04 -0.26 -2.37	26.33 -0.42 -1.15	24.60 -0.44 0.00	20.77 -0.59 -0.40	22.21 -0.65 -4.94	26.41 -0.76 -4.82	27.34 -0.83 -3.24	31.37 -0.78 -7.98	23.74 -0.53 -11.29	31.42 -1.05 0.00	34.91 -1.61 -0.62	37.68 -1.82 0.00	36.91 -1.48 0.00	35.90 -1.40 0.00	39.64 -0.87 0.00	36.91 -0.60 0.00	34.15 -0.27 0.00	27.08 0.07 0.00
BARRETT_IC_1 23704	26.58 1.07 -8.30	28.64 0.16 -26.26	27.49 -0.35 -33.52	30.08 0.60 -18.05	29.11 1.07 -11.42	28.82 1.68 -5.94	35.84 2.07 -7.84	31.37 1.97 -3.81	26.86 1.82 0.00	25.05 1.51 -2.58	38.79 1.57 -19.28	41.68 1.91 -17.40	61.76 2.05 -34.77	84.33 2.08 -58.09	73.94 1.07 -59.90	65.64 3.13 -30.04	81.65 3.46 -42.30	134.31 4.08 -90.73	144.80 3.89 -102.52	147.00 3.88 -105.82	66.15 3.90 -21.74	47.39 3.70 -6.18	52.54 3.25 -14.87	33.70 2.43 -4.26
BARRETT_IC_10 23701	26.58 1.07 -8.30	28.64 0.16 -26.26	27.49 -0.35 -33.52	30.08 0.60 -18.05	29.11 1.07 -11.42	28.82 1.68 -5.94	35.84 2.07 -7.84	31.37 1.97 -3.81	26.86 1.82 0.00	25.05 1.51 -2.58	38.79 1.57 -19.28	41.68 1.91 -17.40	61.76 2.05 -34.77	84.33 2.08 -58.09	73.94 1.07 -59.90	65.64 3.13 -30.04	81.65 3.46 -42.30	134.31 4.08 -90.73	144.80 3.89 -102.52	147.00 3.88 -105.82	66.15 3.90 -21.74	47.39 3.70 -6.18	52.54 3.25 -14.87	33.70 2.43 -4.26
BARRETT_IC_11 23702	26.58 1.07 -8.30	28.64 0.16 -26.26	27.49 -0.35 -33.52	30.08 0.60 -18.05	29.11 1.07 -11.42	28.82 1.68 -5.94	35.84 2.07 -7.84	31.37 1.97 -3.81	26.86 1.82 0.00	25.05 1.51 -2.58	38.79 1.57 -19.28	41.68 1.91 -17.40	61.76 2.05 -34.77	84.33 2.08 -58.09	73.94 1.07 -59.90	65.64 3.13 -30.04	81.65 3.46 -42.30	134.31 4.08 -90.73	144.80 3.89 -102.52	147.00 3.88 -105.82	66.15 3.90 -21.74	47.39 3.70 -6.18	52.54 3.25 -14.87	33.70 2.43 -4.26
BARRETT_IC_12 23703	26.58 1.07 -8.30	28.64 0.16 -26.26	27.49 -0.35 -33.52	30.08 0.60 -18.05	29.11 1.07 -11.42	28.82 1.68 -5.94	35.84 2.07 -7.84	31.37 1.97 -3.81	26.86 1.82 0.00	25.05 1.51 -2.58	38.79 1.57 -19.28	41.68 1.91 -17.40	61.76 2.05 -34.77	84.33 2.08 -58.09	73.94 1.07 -59.90	65.64 3.13 -30.04	81.65 3.46 -42.30	134.31 4.08 -90.73	144.80 3.89 -102.52	147.00 3.88 -105.82	66.15 3.90 -21.74	47.39 3.70 -6.18	52.54 3.25 -14.87	33.70 2.43 -4.26
BARRETT_IC_2 23705	26.58 1.07 -8.30	28.64 0.16 -26.26	27.49 -0.35 -33.52	30.08 0.60 -18.05	29.11 1.07 -11.42	28.82 1.68 -5.94	35.84 2.07 -7.84	31.37 1.97 -3.81	26.86 1.82 0.00	25.05 1.51 -2.58	38.79 1.57 -19.28	41.68 1.91 -17.40	61.76 2.05 -34.77	84.33 2.08 -58.09	73.94 1.07 -59.90	65.64 3.13 -30.04	81.65 3.46 -42.30	134.31 4.08 -90.73	144.80 3.89 -102.52	147.00 3.88 -105.82	66.15 3.90 -21.74	47.39 3.70 -6.18	52.54 3.25 -14.87	33.70 2.43 -4.26
BARRETT_IC_3 23706	26.58 1.07 -8.30	28.64 0.16 -26.26	27.49 -0.35 -33.52	30.08 0.60 -18.05	29.11 1.07 -11.42	28.82 1.68 -5.94	35.84 2.07 -7.84	31.37 1.97 -3.81	26.86 1.82 0.00	25.05 1.51 -2.58	38.79 1.57 -19.28	41.68 1.91 -17.40	61.76 2.05 -34.77	84.33 2.08 -58.09	73.94 1.07 -59.90	65.64 3.13 -30.04	81.65 3.46 -42.30	134.31 4.08 -90.73	144.80 3.89 -102.52	147.00 3.88 -105.82	66.15 3.90 -21.74	47.39 3.70 -6.18	52.54 3.25 -14.87	33.70 2.43 -4.26
BARRETT_IC_4 23707	26.58 1.07 -8.30	28.64 0.16 -26.26	27.49 -0.35 -33.52	30.08 0.60 -18.05	29.11 1.07 -11.42	28.82 1.68 -5.94	35.84 2.07 -7.84	31.37 1.97 -3.81	26.86 1.82 0.00	25.05 1.51 -2.58	38.79 1.57 -19.28	41.68 1.91 -17.40	61.76 2.05 -34.77	84.33 2.08 -58.09	73.94 1.07 -59.90	65.64 3.13 -30.04	81.65 3.46 -42.30	134.31 4.08 -90.73	144.80 3.89 -102.52	147.00 3.88 -105.82	66.15 3.90 -21.74	47.39 3.70 -6.18	52.54 3.25 -14.87	33.70 2.43 -4.26
BARRETT_IC_5 23708	26.58 1.07 -8.30	28.64 0.16 -26.26	27.49 -0.35 -33.52	30.08 0.60 -18.05	29.11 1.07 -11.42	28.82 1.68 -5.94	35.84 2.07 -7.84	31.37 1.97 -3.81	26.86 1.82 0.00	25.05 1.51 -2.58	38.79 1.57 -19.28	41.68 1.91 -17.40	61.76 2.05 -34.77	84.33 2.08 -58.09	73.94 1.07 -59.90	65.64 3.13 -30.04	81.65 3.46 -42.30	134.31 4.08 -90.73	144.80 3.89 -102.52	147.00 3.88 -105.82	66.15 3.90 -21.74	47.39 3.70 -6.18	52.54 3.25 -14.87	33.70 2.43 -4.26
BARRETT_IC_6 23709	26.58 1.07 -8.30	28.64 0.16 -26.26	27.49 -0.35 -33.52	30.08 0.60 -18.05	29.11 1.07 -11.42	28.82 1.68 -5.94	35.84 2.07 -7.84	31.37 1.97 -3.81	26.86 1.82 0.00	25.05 1.51 -2.58	38.79 1.57 -19.28	41.68 1.91 -17.40	61.76 2.05 -34.77	84.33 2.08 -58.09	73.94 1.07 -59.90	65.64 3.13 -30.04	81.65 3.46 -42.30	134.31 4.08 -90.73	144.80 3.89 -102.52	147.00 3.88 -105.82	66.15 3.90 -21.74	47.39 3.70 -6.18	52.54 3.25 -14.87	33.70 2.43 -4.26

BARRETT_IC_7 23710	26.58 1.06 -8.30	28.64 0.16 -26.26	27.49 -0.34 -33.52	30.08 0.60 -18.05	29.11 1.07 -11.42	28.82 1.69 -5.94	35.83 2.06 -7.84	31.37 1.96 -3.81	26.86 1.82 0.00	25.05 1.51 -2.58	38.79 1.58 -19.28	41.68 1.91 -17.40	61.80 2.09 -34.77	84.39 2.14 -58.09	73.96 1.09 -59.90	65.65 3.13 -30.04	81.70 3.51 -42.30	134.33 4.10 -90.73	144.91 4.00 -102.52	147.04 3.93 -105.82	66.27 4.01 -21.74	47.39 3.70 -6.17	52.48 3.19 -14.87	33.71 2.44 -4.25
BARRETT_IC_8 23711	26.58 1.07 -8.30	28.64 0.16 -26.26	27.49 -0.35 -33.52	30.08 0.60 -18.05	29.11 1.07 -11.42	28.82 1.68 -5.94	35.84 2.07 -7.84	31.37 1.97 -3.81	26.86 1.82 0.00	25.05 1.51 -2.58	38.79 1.57 -19.28	41.68 1.91 -17.40	61.76 2.05 -34.77	84.33 2.08 -58.09	73.94 1.07 -59.90	65.64 3.13 -30.04	81.65 3.46 -42.30	134.31 4.08 -90.73	144.80 3.89 -102.52	147.00 3.88 -105.82	66.15 3.90 -21.74	47.39 3.70 -6.18	52.54 3.25 -14.87	33.70 2.43 -4.26
BARRETT_IC_9 23700	26.58 1.07 -8.30	28.64 0.16 -26.26	27.49 -0.35 -33.52	30.08 0.60 -18.05	29.11 1.07 -11.42	28.82 1.68 -5.94	35.84 2.07 -7.84	31.37 1.97 -3.81	26.86 1.82 0.00	25.05 1.51 -2.58	38.79 1.57 -19.28	41.68 1.91 -17.40	61.76 2.05 -34.77	84.33 2.08 -58.09	73.94 1.07 -59.90	65.64 3.13 -30.04	81.65 3.46 -42.30	134.31 4.08 -90.73	144.80 3.89 -102.52	147.00 3.88 -105.82	66.15 3.90 -21.74	47.39 3.70 -6.18	52.54 3.25 -14.87	33.70 2.43 -4.26
BARRETT___1 23545	26.58 1.07 -8.30	28.64 0.16 -26.26	27.49 -0.35 -33.52	30.08 0.60 -18.05	29.11 1.07 -11.42	28.82 1.68 -5.94	35.84 2.07 -7.84	31.37 1.97 -3.81	26.86 1.82 0.00	25.05 1.51 -2.58	38.79 1.57 -19.28	41.68 1.91 -17.40	61.76 2.05 -34.77	84.33 2.08 -58.09	73.94 1.07 -59.90	65.64 3.13 -30.04	81.65 3.46 -42.30	134.31 4.08 -90.73	144.80 3.89 -102.52	147.00 3.88 -105.82	66.15 3.90 -21.74	47.39 3.70 -6.18	52.54 3.25 -14.87	33.70 2.43 -4.26
BARRETT___2 23546	26.58 1.07 -8.30	28.64 0.16 -26.26	27.49 -0.35 -33.52	30.08 0.60 -18.05	29.11 1.07 -11.42	28.82 1.68 -5.94	35.84 2.07 -7.84	31.37 1.97 -3.81	26.86 1.82 0.00	25.05 1.51 -2.58	38.79 1.57 -19.28	41.68 1.91 -17.40	61.76 2.05 -34.77	84.33 2.08 -58.09	73.94 1.07 -59.90	65.64 3.13 -30.04	81.65 3.46 -42.30	134.31 4.08 -90.73	144.80 3.89 -102.52	147.00 3.88 -105.82	66.15 3.90 -21.74	47.39 3.70 -6.18	52.54 3.25 -14.87	33.70 2.43 -4.26
BATAVIA___115KV_TB1 55881	19.30 0.20 -1.88	8.15 -0.03 -5.96	1.86 -0.06 -7.61	15.58 0.06 -4.10	19.29 0.07 -2.59	22.43 0.02 -1.21	27.74 0.03 -1.78	26.31 -0.15 -0.86	25.10 0.06 0.00	21.29 0.03 -0.30	21.45 -0.19 -3.71	25.85 -0.13 -3.62	27.38 0.01 -2.44	30.12 -0.05 -6.00	21.32 -0.14 -8.49	32.37 -0.10 0.00	35.73 -0.64 -0.47	38.77 -0.73 0.00	37.85 -0.54 0.00	36.75 -0.55 0.00	40.30 -0.22 0.00	37.09 -0.42 0.00	34.08 -0.34 0.00	27.07 0.06 0.00
BAYONEEC___CTG1 323682	26.28 0.77 -8.29	28.57 0.10 -26.25	27.57 -0.25 -33.51	29.96 0.48 -18.04	28.86 0.82 -11.41	27.70 1.20 -5.31	35.40 1.63 -7.84	31.09 1.68 -3.80	26.64 1.59 0.00	24.87 1.33 -2.59	35.71 1.32 -16.46	40.00 1.60 -16.05	37.51 1.77 -10.79	52.51 1.75 -26.60	51.57 0.89 -37.70	35.25 2.78 0.00	41.13 3.16 -2.07	43.00 3.51 0.00	41.78 3.38 0.00	40.62 3.32 0.00	43.71 3.19 0.00	40.56 3.05 0.00	37.04 2.62 0.00	28.98 1.97 0.00
BAYONEEC___CTG10 323750	26.28 0.77 -8.29	28.57 0.10 -26.25	27.57 -0.25 -33.51	29.96 0.48 -18.04	28.86 0.82 -11.41	27.70 1.20 -5.31	35.40 1.63 -7.84	31.09 1.68 -3.80	26.64 1.59 0.00	24.87 1.33 -2.59	35.71 1.32 -16.46	40.00 1.60 -16.05	37.51 1.77 -10.79	52.51 1.75 -26.60	51.57 0.89 -37.70	35.25 2.78 0.00	41.13 3.16 -2.07	43.00 3.51 0.00	41.78 3.38 0.00	40.62 3.32 0.00	43.71 3.19 0.00	40.56 3.05 0.00	37.04 2.62 0.00	28.98 1.97 0.00
BAYONEEC___CTG2 323683	26.28 0.77 -8.29	28.57 0.10 -26.25	27.57 -0.25 -33.51	29.96 0.48 -18.04	28.86 0.82 -11.41	27.70 1.20 -5.31	35.40 1.63 -7.84	31.09 1.68 -3.80	26.64 1.59 0.00	24.87 1.33 -2.59	35.71 1.32 -16.46	40.00 1.60 -16.05	37.51 1.77 -10.79	52.51 1.75 -26.60	51.57 0.89 -37.70	35.25 2.78 0.00	41.13 3.16 -2.07	43.00 3.51 0.00	41.78 3.38 0.00	40.62 3.32 0.00	43.71 3.19 0.00	40.56 3.05 0.00	37.04 2.62 0.00	28.98 1.97 0.00
BAYONEEC___CTG3 323684	26.28 0.77 -8.29	28.57 0.10 -26.25	27.57 -0.25 -33.51	29.96 0.48 -18.04	28.86 0.82 -11.41	27.70 1.20 -5.31	35.40 1.63 -7.84	31.09 1.68 -3.80	26.64 1.59 0.00	24.87 1.33 -2.59	35.71 1.32 -16.46	40.00 1.60 -16.05	37.51 1.77 -10.79	52.51 1.75 -26.60	51.57 0.89 -37.70	35.25 2.78 0.00	41.13 3.16 -2.07	43.00 3.51 0.00	41.78 3.38 0.00	40.62 3.32 0.00	43.71 3.19 0.00	40.56 3.05 0.00	37.04 2.62 0.00	28.98 1.97 0.00
BAYONEEC___CTG4 323685	26.28 0.77 -8.29	28.57 0.10 -26.25	27.57 -0.25 -33.51	29.96 0.48 -18.04	28.86 0.82 -11.41	27.70 1.20 -5.31	35.40 1.63 -7.84	31.09 1.68 -3.80	26.64 1.59 0.00	24.87 1.33 -2.59	35.71 1.32 -16.46	40.00 1.60 -16.05	37.51 1.77 -10.79	52.51 1.75 -26.60	51.57 0.89 -37.70	35.25 2.78 0.00	41.13 3.16 -2.07	43.00 3.51 0.00	41.78 3.38 0.00	40.62 3.32 0.00	43.71 3.19 0.00	40.56 3.05 0.00	37.04 2.62 0.00	28.98 1.97 0.00
BAYONEEC___CTG5 323686	26.28 0.77 -8.29	28.57 0.10 -26.25	27.57 -0.25 -33.51	29.96 0.48 -18.04	28.86 0.82 -11.41	27.70 1.20 -5.31	35.40 1.63 -7.84	31.09 1.68 -3.80	26.64 1.59 0.00	24.87 1.33 -2.59	35.71 1.32 -16.46	40.00 1.60 -16.05	37.51 1.77 -10.79	52.51 1.75 -26.60	51.57 0.89 -37.70	35.25 2.78 0.00	41.13 3.16 -2.07	43.00 3.51 0.00	41.78 3.38 0.00	40.62 3.32 0.00	43.71 3.19 0.00	40.56 3.05 0.00	37.04 2.62 0.00	28.98 1.97 0.00
BAYONEEC___CTG6 323687	26.28 0.77 -8.29	28.57 0.10 -26.25	27.57 -0.25 -33.51	29.96 0.48 -18.04	28.86 0.82 -11.41	27.70 1.20 -5.31	35.40 1.63 -7.84	31.09 1.68 -3.80	26.64 1.59 0.00	24.87 1.33 -2.59	35.71 1.32 -16.46	40.00 1.60 -16.05	37.51 1.77 -10.79	52.51 1.75 -26.60	51.57 0.89 -37.70	35.25 2.78 0.00	41.13 3.16 -2.07	43.00 3.51 0.00	41.78 3.38 0.00	40.62 3.32 0.00	43.71 3.19 0.00	40.56 3.05 0.00	37.04 2.62 0.00	28.98 1.97 0.00
BAYONEEC___CTG7 323688	26.28 0.77 -8.29	28.57 0.10 -26.25	27.57 -0.25 -33.51	29.96 0.48 -18.04	28.86 0.82 -11.41	27.70 1.20 -5.31	35.40 1.63 -7.84	31.09 1.68 -3.80	26.64 1.59 0.00	24.87 1.33 -2.59	35.71 1.32 -16.46	40.00 1.60 -16.05	37.51 1.77 -10.79	52.51 1.75 -26.60	51.57 0.89 -37.70	35.25 2.78 0.00	41.13 3.16 -2.07	43.00 3.51 0.00	41.78 3.38 0.00	40.62 3.32 0.00	43.71 3.19 0.00	40.56 3.05 0.00	37.04 2.62 0.00	28.98 1.97 0.00
BAYONEEC___CTG8 323689	26.28 0.77 -8.29	28.57 0.10 -26.25	27.57 -0.25 -33.51	29.96 0.48 -18.04	28.86 0.82 -11.41	27.70 1.20 -5.31	35.40 1.63 -7.84	31.09 1.68 -3.80	26.64 1.59 0.00	24.87 1.33 -2.59	35.71 1.32 -16.46	40.00 1.60 -16.05	37.51 1.77 -10.79	52.51 1.75 -26.60	51.57 0.89 -37.70	35.25 2.78 0.00	41.13 3.16 -2.07	43.00 3.51 0.00	41.78 3.38 0.00	40.62 3.32 0.00	43.71 3.19 0.00	40.56 3.05 0.00	37.04 2.62 0.00	28.98 1.97 0.00

BAYONEEC___CTG9 323749	26.28 0.77 -8.29	28.57 0.10 -26.25	27.57 -0.25 -33.51	29.96 0.48 -18.04	28.86 0.82 -11.41	27.70 1.20 -5.31	35.40 1.63 -7.84	31.09 1.68 -3.80	26.64 1.59 0.00	24.87 1.33 -2.59	35.71 1.32 -16.46	40.00 1.60 -16.05	37.51 1.77 -10.79	52.51 1.75 -26.60	51.57 0.89 -37.70	35.25 2.78 0.00	41.13 3.16 -2.07	43.00 3.51 0.00	41.78 3.38 0.00	40.62 3.32 0.00	43.71 3.19 0.00	40.56 3.05 0.00	37.04 2.62 0.00	28.98 1.97 0.00
BEACON___LESR 323632	28.15 0.58 -10.35	35.05 0.09 -32.74	35.95 -0.16 -41.80	34.27 0.33 -22.51	31.41 0.55 -14.24	28.68 0.86 -6.62	36.82 1.11 -9.78	31.45 1.11 -4.74	26.04 1.00 0.00	23.68 0.77 -1.95	39.19 0.74 -20.53	43.30 0.93 -20.01	39.50 1.10 -13.46	58.40 1.07 -33.17	60.50 0.51 -47.02	34.26 1.79 0.00	40.55 2.08 -2.58	41.80 2.30 0.00	40.59 2.20 0.00	39.47 2.17 0.00	42.72 2.20 0.00	39.47 1.96 0.00	36.06 1.64 0.00	28.44 1.43 0.00
BEAVER RIVER___HYD 24048	17.48 -0.43 -0.70	4.41 -0.02 -2.20	-2.72 0.16 -2.81	12.69 -0.26 -1.51	17.22 -0.36 -0.96	21.07 -0.57 -0.44	25.98 -0.55 -0.60	25.47 -0.44 -0.30	24.37 -0.67 0.00	20.10 -0.97 -0.11	-7.79 -1.33 24.39	-24.69 -1.43 45.62	2.21 -1.78 20.94	-27.67 -1.79 50.03	-28.44 -0.82 40.59	21.28 -1.23 9.97	38.72 -1.02 -3.84	42.68 -0.72 -3.91	41.46 -0.64 -3.70	40.39 -0.54 -3.63	43.55 -0.82 -3.85	40.34 -0.84 -3.67	36.98 -0.38 -2.93	29.36 -0.13 -2.48
BEEBEE_GT_13 23619	18.90 -0.07 -1.75	7.70 -0.05 -5.53	1.39 0.03 -7.06	15.13 -0.10 -3.80	18.87 -0.16 -2.40	22.06 -0.25 -1.12	27.24 -0.34 -1.65	25.94 -0.46 -0.79	24.76 -0.28 0.00	21.05 -0.18 -0.28	21.07 -0.31 -3.45	25.43 -0.30 -3.37	27.00 -0.21 -2.27	29.53 -0.21 -5.58	20.68 -0.20 -7.91	32.10 -0.37 0.00	35.48 -0.86 -0.43	38.53 -0.97 0.00	37.56 -0.84 0.00	36.46 -0.84 0.00	39.79 -0.73 0.00	36.67 -0.84 0.00	33.67 -0.75 0.00	26.62 -0.39 0.00
BENSHRST_27_KV_BENSHRST_1 355998	26.43 0.92 -8.30	28.59 0.12 -26.25	27.53 -0.30 -33.52	30.05 0.57 -18.04	28.99 0.95 -11.41	27.88 1.37 -5.31	35.65 1.88 -7.84	31.36 1.95 -3.80	26.94 1.89 0.00	25.13 1.59 -2.59	35.94 1.54 -16.46	40.24 1.83 -16.05	37.78 2.05 -10.79	52.76 1.99 -26.60	51.73 1.05 -37.70	35.67 3.20 0.00	41.54 3.57 -2.07	43.47 3.98 0.00	42.26 3.86 0.00	41.16 3.86 0.00	44.23 3.71 0.00	41.08 3.57 0.00	37.49 3.07 0.00	29.25 2.24 0.00
BETHLEHEM___GRP 23843	27.83 0.25 -10.36	35.05 0.05 -32.79	36.11 -0.05 -41.86	34.09 0.12 -22.53	31.13 0.24 -14.26	28.25 0.42 -6.63	36.23 0.51 -9.79	30.89 0.53 -4.75	25.57 0.52 0.00	23.32 0.41 -1.95	38.87 0.39 -20.55	42.85 0.45 -20.04	38.97 0.55 -13.48	57.90 0.53 -33.22	60.30 0.25 -47.08	33.60 1.13 0.00	39.70 1.22 -2.59	40.85 1.36 0.00	39.69 1.29 0.00	38.56 1.27 0.00	41.75 1.24 0.00	38.63 1.12 0.00	35.37 0.94 0.00	27.97 0.96 0.00
BETHLEHEM___GS1 323560	27.83 0.25 -10.36	35.06 0.05 -32.79	36.11 -0.05 -41.86	34.09 0.12 -22.53	31.13 0.25 -14.26	28.25 0.43 -6.63	36.24 0.52 -9.79	30.88 0.53 -4.75	25.57 0.52 0.00	23.32 0.41 -1.95	38.87 0.39 -20.55	42.85 0.45 -20.04	38.97 0.55 -13.48	57.90 0.53 -33.22	60.30 0.25 -47.08	33.60 1.13 0.00	39.70 1.22 -2.59	40.85 1.36 0.00	39.69 1.30 0.00	38.56 1.27 0.00	41.75 1.23 0.00	38.64 1.12 0.00	35.37 0.95 0.00	27.97 0.96 0.00
BETHLEHEM___GS2 323561	27.83 0.25 -10.36	35.06 0.05 -32.79	36.11 -0.05 -41.86	34.09 0.12 -22.53	31.13 0.25 -14.26	28.25 0.43 -6.63	36.24 0.52 -9.79	30.88 0.53 -4.75	25.57 0.52 0.00	23.32 0.41 -1.95	38.87 0.39 -20.55	42.85 0.45 -20.04	38.97 0.55 -13.48	57.90 0.53 -33.22	60.30 0.25 -47.08	33.60 1.13 0.00	39.70 1.22 -2.59	40.85 1.36 0.00	39.69 1.30 0.00	38.56 1.27 0.00	41.75 1.23 0.00	38.64 1.12 0.00	35.37 0.95 0.00	27.97 0.96 0.00
BETHLEHEM___GS3 323562	27.83 0.25 -10.36	35.06 0.05 -32.79	36.11 -0.05 -41.86	34.09 0.12 -22.53	31.13 0.25 -14.26	28.25 0.43 -6.63	36.24 0.52 -9.79	30.88 0.53 -4.75	25.57 0.52 0.00	23.32 0.41 -1.95	38.87 0.39 -20.55	42.85 0.45 -20.04	38.97 0.55 -13.48	57.90 0.53 -33.22	60.30 0.25 -47.08	33.60 1.13 0.00	39.70 1.22 -2.59	40.85 1.36 0.00	39.69 1.30 0.00	38.56 1.27 0.00	41.75 1.23 0.00	38.64 1.12 0.00	35.37 0.95 0.00	27.97 0.96 0.00
BETHLEHEM___STEEL 23779	19.27 0.01 -2.05	8.64 -0.06 -6.47	2.57 0.00 -8.27	15.83 -0.05 -4.45	19.36 -0.08 -2.82	22.27 -0.24 -1.31	27.51 -0.35 -1.94	25.95 -0.59 -0.94	24.74 -0.30 0.00	21.07 -0.21 -0.33	21.51 -0.44 -4.02	25.86 -0.43 -3.93	27.21 -0.37 -2.64	30.31 -0.36 -6.51	21.78 -0.38 -9.19	31.76 -0.71 0.00	34.89 -1.52 -0.51	37.75 -1.75 0.00	36.92 -1.48 0.00	35.88 -1.42 0.00	39.46 -1.06 0.00	36.47 -1.05 0.00	33.68 -0.74 0.00	26.78 -0.23 0.00
BETHLHEM_115KV_TB1 79974	27.87 0.30 -10.36	35.05 0.05 -32.78	36.08 -0.07 -41.85	34.13 0.16 -22.53	31.18 0.30 -14.25	28.31 0.48 -6.63	36.30 0.59 -9.79	30.95 0.60 -4.75	25.62 0.58 0.00	23.37 0.46 -1.95	38.92 0.44 -20.55	42.92 0.52 -20.04	39.04 0.62 -13.48	57.97 0.60 -33.21	60.33 0.29 -47.07	33.68 1.20 0.00	39.80 1.32 -2.59	40.96 1.47 0.00	39.79 1.40 0.00	38.67 1.38 0.00	41.86 1.35 0.00	38.74 1.23 0.00	35.47 1.05 0.00	28.02 1.01 0.00
BETHPAGE_CC_5 323564	26.67 1.16 -8.30	28.65 0.17 -26.26	27.46 -0.37 -33.52	30.15 0.67 -18.05	29.22 1.18 -11.42	28.90 1.82 -5.89	36.02 2.25 -7.84	31.60 2.19 -3.81	27.06 2.02 0.00	25.21 1.67 -2.58	36.46 1.69 -16.84	40.64 2.07 -16.21	55.27 2.31 -28.02	86.43 2.33 -59.94	72.58 1.17 -58.44	55.12 3.39 -19.26	74.21 3.85 -34.45	77.34 4.43 -33.42	102.08 4.24 -59.44	82.84 4.18 -41.36	64.52 4.22 -19.79	47.11 3.98 -5.62	52.16 3.49 -14.25	33.47 2.59 -3.87
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	19.39 0.12 -2.06	8.69 -0.04 -6.51	2.58 -0.04 -8.32	15.94 0.03 -4.48	19.49 0.04 -2.83	22.42 -0.09 -1.32	27.71 -0.17 -1.95	26.14 -0.40 -0.94	24.93 -0.11 0.00	21.22 -0.06 -0.33	21.65 -0.32 -4.05	26.04 -0.27 -3.95	27.38 -0.22 -2.66	30.51 -0.20 -6.54	21.92 -0.29 -9.24	31.99 -0.48 0.00	35.13 -1.28 -0.51	38.02 -1.47 0.00	37.22 -1.18 0.00	36.15 -1.15 0.00	39.77 -0.74 0.00	36.75 -0.76 0.00	33.94 -0.48 0.00	26.97 -0.05 0.00
BINGHAMTON___COGEN 23790	20.68 0.21 -3.26	12.53 0.01 -10.30	7.37 -0.09 -13.15	18.70 0.19 -7.08	21.39 0.29 -4.48	23.59 0.31 -2.08	29.41 0.40 -3.08	27.45 0.35 -1.50	25.45 0.41 0.00	21.80 0.32 -0.53	24.71 0.27 -6.51	29.07 0.35 -6.35	29.58 0.37 -4.27	35.05 0.36 -10.53	28.04 0.15 -14.92	33.11 0.64 0.00	37.22 0.50 -0.82	40.09 0.60 0.00	39.06 0.67 0.00	37.93 0.63 0.00	41.20 0.68 0.00	38.17 0.66 0.00	35.00 0.57 0.00	27.51 0.50 0.00
BIXINCNT_115KV_LOAD 355685	19.67 0.34 -2.12	8.87 -0.04 -6.69	2.71 -0.14 -8.54	16.29 0.26 -4.60	19.98 0.45 -2.91	22.83 0.28 -1.35	28.40 0.48 -2.00	26.84 0.27 -0.97	25.44 0.40 0.00	21.44 0.15 -0.34	21.86 -0.22 -4.15	26.40 -0.02 -4.05	27.54 -0.13 -2.73	30.98 0.10 -6.71	22.32 -0.13 -9.48	32.41 -0.06 0.00	35.06 -1.36 -0.52	38.14 -1.36 0.00	37.76 -0.63 0.00	36.55 -0.75 0.00	40.81 0.30 0.00	37.89 0.38 0.00	35.04 0.63 0.00	27.84 0.83 0.00

BLACK RIVER___HYD 24047	17.78 -0.36 -0.92	5.11 -0.01 -2.90	-1.86 0.13 -3.70	13.25 -0.17 -2.00	17.64 -0.24 -1.26	21.45 -0.31 -0.57	26.60 -0.09 -0.76	25.93 -0.06 -0.39	24.63 -0.41 0.00	20.32 -0.78 -0.15	-1.71 -1.24 18.40	-14.20 -1.51 35.04	7.08 -1.90 15.96	-15.84 -1.83 38.18	-18.28 -0.88 30.37	23.52 -1.21 7.74	38.07 -0.94 -3.11	42.21 -0.37 -3.09	40.96 -0.36 -2.93	39.86 -0.31 -2.87	43.01 -0.55 -3.04	39.71 -0.70 -2.90	36.51 -0.23 -2.32	28.95 -0.02 -1.96
BLACKRVR_115KV_TB2 79977	17.78 -0.36 -0.92	5.11 -0.01 -2.90	-1.86 0.13 -3.70	13.25 -0.17 -2.00	17.65 -0.24 -1.26	21.45 -0.31 -0.57	26.60 -0.09 -0.76	25.94 -0.05 -0.39	24.63 -0.41 0.00	20.32 -0.78 -0.15	-1.71 -1.23 18.40	-14.19 -1.51 35.04	7.08 -1.90 15.96	-15.83 -1.82 38.18	-18.28 -0.88 30.37	23.52 -1.21 7.74	38.07 -0.94 -3.11	42.21 -0.37 -3.09	40.97 -0.35 -2.93	39.86 -0.31 -2.87	43.01 -0.55 -3.04	39.71 -0.70 -2.90	36.51 -0.23 -2.32	28.95 -0.02 -1.96
BLISS_WT_PWR 323608	19.60 0.27 -2.12	8.85 -0.06 -6.69	2.72 -0.12 -8.54	16.27 0.23 -4.60	19.96 0.43 -2.91	22.76 0.21 -1.35	28.38 0.45 -2.00	26.84 0.27 -0.97	25.39 0.35 0.00	21.34 0.05 -0.34	21.75 -0.33 -4.15	26.30 -0.11 -4.05	27.32 -0.34 -2.73	30.85 -0.03 -6.71	22.25 -0.20 -9.48	32.22 -0.25 0.00	34.73 -1.69 -0.52	37.82 -1.68 0.00	37.58 -0.82 0.00	36.33 -0.97 0.00	40.76 0.25 0.00	37.87 0.36 0.00	35.06 0.64 0.00	27.82 0.81 0.00
BLUESTONE___WT_PWR 323821	21.50 0.27 -4.02	14.94 0.01 -12.72	10.40 -0.14 -16.24	20.49 0.31 -8.74	22.71 0.56 -5.53	24.66 0.90 -2.57	30.76 1.03 -3.80	28.86 1.41 -1.85	27.06 2.02 0.00	22.85 1.50 -0.40	27.11 1.18 -8.01	31.54 1.37 -7.81	31.78 1.59 -5.25	38.61 1.50 -12.94	32.12 0.81 -18.33	35.15 2.68 0.00	39.69 2.78 -1.01	42.74 3.24 0.00	40.98 2.58 0.00	39.30 2.00 0.00	42.61 2.10 0.00	39.54 2.03 0.00	36.20 1.78 0.00	28.33 1.32 0.00
BLUE_CIRC_CHEM_DRP 24182	27.95 0.52 -10.21	34.59 0.08 -32.30	35.38 -0.16 -41.23	33.97 0.34 -22.20	31.20 0.53 -14.04	28.49 0.76 -6.53	36.52 0.95 -9.64	31.22 0.93 -4.68	25.93 0.89 0.00	23.56 0.70 -1.91	38.81 0.64 -20.25	42.89 0.79 -19.74	39.13 0.92 -13.28	57.75 0.87 -32.72	59.79 0.44 -46.38	34.03 1.56 0.00	40.20 1.75 -2.55	41.43 1.94 0.00	40.25 1.86 0.00	39.12 1.82 0.00	42.38 1.86 0.00	39.20 1.69 0.00	35.90 1.48 0.00	28.29 1.28 0.00
BOC_GAS_DRP 24189	27.96 0.40 -10.35	35.01 0.06 -32.74	35.98 -0.12 -41.80	34.19 0.26 -22.50	31.27 0.41 -14.24	28.42 0.60 -6.62	36.45 0.75 -9.78	31.09 0.74 -4.74	25.76 0.72 0.00	23.49 0.59 -1.95	39.01 0.55 -20.52	43.04 0.67 -20.01	39.18 0.78 -13.46	58.08 0.75 -33.17	60.35 0.37 -47.01	33.81 1.34 0.00	39.97 1.49 -2.58	41.16 1.67 0.00	40.00 1.61 0.00	38.88 1.58 0.00	42.08 1.56 0.00	38.97 1.46 0.00	35.68 1.26 0.00	28.07 1.05 0.00
BOONVILLE_115KV_TB1 79983	17.90 0.11 -0.57	4.06 0.03 -1.81	-3.40 -0.03 -2.32	12.77 0.09 -1.25	17.56 0.14 -0.79	21.76 0.20 -0.36	26.82 0.37 -0.52	26.29 0.43 -0.26	25.36 0.31 0.00	21.09 0.04 -0.09	27.56 -0.20 -9.83	39.28 -0.06 -16.98	33.24 -0.19 -8.49	37.01 -0.19 -13.04	25.09 -0.03 -12.15	39.77 0.25 -7.05	37.92 0.44 -1.58	41.75 0.72 -1.53	40.58 0.73 -1.45	39.47 0.75 -1.43	42.63 0.60 -1.51	39.44 0.49 -1.44	36.13 0.56 -1.15	28.51 0.52 -0.97
BORALEX_4TH_BRANCH 23824	28.40 0.91 -10.28	34.86 0.12 -32.52	35.52 -0.31 -41.52	34.38 0.59 -22.35	31.59 0.82 -14.14	28.96 1.18 -6.58	37.21 1.57 -9.71	31.88 1.57 -4.71	26.54 1.50 0.00	24.12 1.20 -1.97	39.39 1.08 -20.39	43.66 1.42 -19.88	39.96 1.65 -13.37	58.76 1.65 -32.95	60.49 0.82 -46.70	34.98 2.51 0.00	41.20 2.74 -2.56	42.41 2.92 0.00	41.18 2.78 0.00	40.00 2.70 0.00	43.55 3.03 0.00	40.35 2.84 0.00	36.98 2.56 0.00	29.00 1.99 0.00
BOWLINE___1 23526	25.98 0.72 -8.05	27.77 0.09 -25.46	26.58 -0.24 -32.51	29.41 0.47 -17.50	28.49 0.79 -11.07	27.49 1.15 -5.15	35.04 1.51 -7.60	30.73 1.44 -3.69	26.34 1.30 0.00	21.20 1.06 0.82	34.95 1.05 -15.97	39.18 1.25 -15.56	36.81 1.40 -10.47	51.33 1.37 -25.80	50.23 0.69 -36.57	34.71 2.24 0.00	40.45 2.54 -2.01	42.37 2.87 0.00	41.22 2.82 0.00	40.09 2.79 0.00	43.20 2.68 0.00	40.08 2.56 0.00	36.59 2.17 0.00	28.62 1.61 0.00
BOWLINE___2 23595	25.98 0.72 -8.05	27.77 0.09 -25.47	26.58 -0.24 -32.51	29.41 0.47 -17.50	28.49 0.79 -11.07	27.49 1.15 -5.15	35.05 1.51 -7.60	30.75 1.46 -3.69	26.39 1.34 0.00	21.28 1.10 0.77	34.98 1.08 -15.97	39.22 1.29 -15.57	36.85 1.44 -10.47	51.38 1.42 -25.80	50.25 0.71 -36.57	34.77 2.30 0.00	40.51 2.60 -2.01	42.43 2.94 0.00	41.28 2.89 0.00	40.16 2.86 0.00	43.27 2.76 0.00	40.14 2.63 0.00	36.65 2.23 0.00	28.66 1.65 0.00
BRADY___115KV_TB2 356060	16.95 -0.62 -0.36	3.41 0.06 -1.13	-4.04 0.21 -1.44	11.76 -0.45 -0.78	16.31 -0.81 -0.49	19.66 -1.77 -0.23	23.77 -2.49 -0.33	23.63 -2.14 -0.17	22.80 -2.24 0.00	18.90 -2.11 -0.06	5.05 -2.18 10.70	-0.13 -2.32 20.17	12.61 -2.61 9.72	-22.01 -2.47 43.71	-23.39 -1.16 35.21	32.76 -0.07 -0.36	39.22 0.02 -3.30	42.89 -0.16 -3.55	42.18 -0.30 -4.08	41.05 -0.25 -4.01	44.74 -0.03 -4.25	41.53 -0.02 -4.05	37.88 0.23 -3.24	29.87 0.12 -2.74
BRANSCOMB___SOLAR 323811	28.46 0.66 -10.58	35.79 0.09 -33.48	36.85 -0.20 -42.74	34.87 0.42 -23.01	31.83 0.65 -14.56	28.93 0.96 -6.77	37.24 1.32 -9.99	31.78 1.32 -4.85	26.26 1.22 0.00	23.85 0.91 -1.99	39.75 0.84 -20.99	43.88 1.06 -20.46	39.93 1.22 -13.76	59.32 1.24 -33.92	61.68 0.64 -48.07	34.54 2.07 0.00	41.01 2.47 -2.64	42.28 2.78 0.00	41.04 2.65 0.00	39.85 2.56 0.00	43.10 2.58 0.00	39.85 2.34 0.00	36.50 2.08 0.00	28.59 1.58 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	26.91 1.40 -8.30	28.69 0.21 -26.26	27.37 -0.46 -33.52	30.30 0.81 -18.05	29.45 1.41 -11.42	29.30 2.18 -5.92	36.51 2.74 -7.84	32.05 2.64 -3.81	27.45 2.40 0.00	25.53 1.99 -2.58	36.51 1.96 -16.62	40.87 2.41 -16.10	53.41 2.70 -25.78	88.92 2.78 -61.97	73.99 1.43 -59.59	52.95 4.00 -16.48	70.66 4.51 -30.25	77.37 5.11 -32.77	123.42 5.02 -80.00	83.27 5.01 -40.96	66.70 5.16 -21.02	48.21 4.73 -5.97	53.25 4.20 -14.64	34.24 3.13 -4.11
BRISTLHL_115KV_TB1 79998	18.34 -0.22 -1.35	6.46 -0.04 -4.28	-0.16 0.07 -5.46	14.22 -0.15 -2.94	18.24 -0.24 -1.86	21.70 -0.37 -0.87	26.72 -0.50 -1.29	25.71 -0.52 -0.63	24.59 -0.45 0.00	20.83 -0.34 -0.22	19.31 -0.32 -1.69	22.76 -0.41 -0.81	25.35 -0.47 -0.88	25.80 -0.45 -2.08	17.03 -0.23 -4.29	31.54 -0.51 0.43	35.55 -0.69 -0.34	38.76 -0.74 0.00	37.70 -0.69 0.00	36.62 -0.68 0.00	39.75 -0.76 0.00	36.76 -0.76 0.00	33.68 -0.74 0.00	26.44 -0.57 0.00
BROOKHAVEN___DRP 24191	26.92 1.41 -8.30	28.69 0.22 -26.26	27.38 -0.45 -33.52	30.29 0.81 -18.05	29.44 1.41 -11.42	29.31 2.18 -5.93	36.53 2.76 -7.84	32.03 2.63 -3.81	27.40 2.36 0.00	25.51 1.98 -2.58	36.46 1.94 -16.59	40.79 2.34 -16.09	53.15 2.69 -25.51	89.15 2.78 -62.21	74.13 1.44 -59.72	52.65 4.02 -16.15	70.29 4.62 -29.76	92.00 5.42 -47.08	212.15 5.29 -168.46	97.36 5.16 -54.89	67.02 5.34 -21.16	48.37 4.85 -6.01	53.40 4.30 -14.68	34.35 3.20 -4.14



BROOKLYN_NAVY_YARD 23515	26.27 0.76 -8.29	28.57 0.10 -26.25	27.58 -0.24 -33.51	29.94 0.46 -18.04	28.83 0.79 -11.41	27.66 1.16 -5.31	35.36 1.60 -7.84	31.06 1.66 -3.80	26.61 1.57 0.00	24.85 1.31 -2.59	35.70 1.31 -16.46	39.98 1.58 -16.05	37.48 1.74 -10.79	52.48 1.72 -26.60	51.55 0.88 -37.70	35.22 2.75 0.00	41.10 3.14 -2.07	42.98 3.49 0.00	41.75 3.35 0.00	40.59 3.30 0.00	43.67 3.15 0.00	40.52 3.01 0.00	37.01 2.59 0.00	28.96 1.95 0.00
BROOKLYN___ARMY_DRP 323595	26.35 0.84 -8.30	28.58 0.11 -26.25	27.56 -0.27 -33.52	30.00 0.52 -18.04	28.91 0.87 -11.41	27.79 1.28 -5.31	35.52 1.75 -7.84	31.22 1.82 -3.80	26.80 1.76 0.00	25.02 1.48 -2.59	35.84 1.45 -16.46	40.11 1.70 -16.05	37.63 1.90 -10.79	52.62 1.85 -26.60	51.65 0.98 -37.70	35.48 3.01 0.00	41.32 3.35 -2.07	43.23 3.73 0.00	42.02 3.62 0.00	40.92 3.62 0.00	43.96 3.45 0.00	40.86 3.34 0.00	37.28 2.86 0.00	29.11 2.10 0.00
BROOKVLE_69_KV_TB1 55790	26.62 1.10 -8.30	28.63 0.16 -26.26	27.48 -0.35 -33.52	30.14 0.66 -18.05	29.17 1.13 -11.42	28.66 1.69 -5.77	35.92 2.15 -7.84	31.49 2.09 -3.81	27.05 2.01 0.00	25.21 1.67 -2.58	36.75 1.66 -17.17	40.74 2.02 -16.36	60.94 2.26 -33.74	80.29 2.20 -53.92	68.83 1.12 -54.74	61.84 3.34 -26.03	85.51 3.75 -45.86	83.12 4.25 -39.37	95.32 4.17 -52.76	84.63 4.08 -43.26	60.34 4.05 -15.78	45.76 3.76 -4.48	50.63 3.25 -12.96	32.57 2.47 -3.08
BROOME_2_LFGE 323671	20.68 0.21 -3.26	12.53 0.01 -10.30	7.37 -0.08 -13.15	18.70 0.19 -7.08	21.39 0.29 -4.48	23.59 0.31 -2.08	29.41 0.40 -3.08	27.45 0.35 -1.50	25.45 0.41 0.00	21.80 0.32 -0.53	24.70 0.26 -6.51	29.06 0.34 -6.35	29.58 0.37 -4.27	35.05 0.36 -10.53	28.03 0.15 -14.92	33.11 0.64 0.00	37.22 0.50 -0.82	40.10 0.60 0.00	39.06 0.67 0.00	37.93 0.63 0.00	41.20 0.68 0.00	38.17 0.66 0.00	34.99 0.57 0.00	27.50 0.49 0.00
BROOME___LFGE 323600	20.68 0.21 -3.26	12.53 0.01 -10.30	7.37 -0.08 -13.15	18.70 0.19 -7.08	21.39 0.29 -4.48	23.59 0.31 -2.08	29.41 0.40 -3.08	27.45 0.35 -1.50	25.45 0.41 0.00	21.80 0.32 -0.53	24.70 0.26 -6.51	29.06 0.34 -6.35	29.58 0.37 -4.27	35.05 0.36 -10.53	28.03 0.15 -14.92	33.11 0.64 0.00	37.22 0.50 -0.82	40.10 0.60 0.00	39.06 0.67 0.00	37.93 0.63 0.00	41.20 0.68 0.00	38.17 0.66 0.00	34.99 0.57 0.00	27.50 0.49 0.00
BROWNFLS_115KV_TB_3_5 80003	17.09 -0.68 -0.56	3.99 0.00 -1.78	-3.19 0.24 -2.27	12.21 -0.45 -1.22	16.69 -0.70 -0.77	20.26 -1.30 -0.35	24.73 -1.70 -0.50	24.37 -1.48 -0.25	23.39 -1.65 0.00	19.34 -1.71 -0.09	-2.74 -1.90 18.77	-14.83 -2.09 35.10	7.42 -2.46 15.06	-25.78 -2.36 47.58	-26.63 -1.13 38.48	27.63 -1.31 3.54	41.04 -1.22 -6.36	44.92 -1.18 -6.61	43.55 -1.10 -6.26	42.44 -1.00 -6.14	45.91 -1.12 -6.51	42.64 -1.07 -6.20	38.84 -0.54 -4.96	30.88 -0.33 -4.20
BROWNSV1_27_KV_LOAD 356125	26.48 0.96 -8.29	28.60 0.13 -26.25	27.51 -0.31 -33.51	30.07 0.60 -18.04	29.03 0.99 -11.41	27.92 1.42 -5.31	35.70 1.93 -7.84	31.40 1.99 -3.80	26.95 1.91 0.00	25.13 1.58 -2.59	35.93 1.54 -16.46	40.28 1.87 -16.05	37.82 2.09 -10.79	52.82 2.06 -26.60	51.73 1.06 -37.70	35.68 3.21 0.00	41.60 3.64 -2.07	43.55 4.05 0.00	42.30 3.90 0.00	41.13 3.83 0.00	44.24 3.73 0.00	41.05 3.53 0.00	37.48 3.06 0.00	29.31 2.30 0.00
BURROWS___LYONSDAL 23803	17.80 -0.01 -0.60	4.12 0.01 -1.89	-3.26 0.02 -2.41	12.74 0.00 -1.30	17.47 0.03 -0.82	21.61 0.04 -0.38	26.64 0.18 -0.54	26.13 0.26 -0.27	25.15 0.11 0.00	20.86 -0.19 -0.10	17.05 -0.47 0.41	20.29 -0.35 1.71	24.28 -0.56 0.11	18.25 -0.58 5.33	9.52 -0.21 3.24	34.02 -0.18 -1.74	37.94 0.02 -2.02	41.80 0.30 -2.00	40.62 0.34 -1.89	39.54 0.39 -1.86	42.67 0.18 -1.97	39.50 0.11 -1.88	36.21 0.29 -1.50	28.63 0.34 -1.27
CAITHNESS_CC_1 323624	26.87 1.36 -8.30	28.69 0.21 -26.26	27.39 -0.44 -33.52	30.26 0.77 -18.05	29.40 1.35 -11.42	29.24 2.12 -5.93	36.44 2.68 -7.84	31.95 2.54 -3.81	27.33 2.29 0.00	25.46 1.92 -2.58	36.41 1.89 -16.59	40.74 2.29 -16.09	53.08 2.63 -25.51	89.09 2.71 -62.21	74.09 1.39 -59.73	52.52 3.91 -16.14	70.13 4.49 -29.75	92.03 5.25 -47.28	212.27 5.11 -168.76	97.23 5.00 -54.93	66.76 5.08 -21.17	48.23 4.70 -6.01	53.26 4.15 -14.68	34.26 3.11 -4.14
CALPINE BETH_PAGE_GT4 24209	26.63 1.11 -8.30	28.64 0.17 -26.26	27.47 -0.36 -33.52	30.12 0.64 -18.05	29.18 1.13 -11.42	28.82 1.76 -5.87	35.89 2.12 -7.84	31.47 2.07 -3.81	26.95 1.91 0.00	25.11 1.57 -2.58	36.48 1.61 -16.95	40.58 1.96 -16.26	56.27 2.18 -29.15	85.28 2.20 -58.91	71.94 1.11 -57.86	56.36 3.23 -20.66	76.14 3.68 -36.57	79.40 4.24 -35.66	101.48 4.08 -59.01	84.43 4.01 -43.12	63.78 4.10 -19.16	46.75 3.80 -5.44	51.77 3.30 -14.05	33.21 2.46 -3.74
CALPINE_BETH_PAGE_GT_4 323586	26.62 1.11 -8.30	28.64 0.17 -26.26	27.47 -0.36 -33.52	30.12 0.64 -18.05	29.17 1.13 -11.42	28.82 1.75 -5.87	35.90 2.13 -7.84	31.47 2.07 -3.81	26.95 1.91 0.00	25.11 1.57 -2.58	36.48 1.60 -16.95	40.59 1.96 -16.26	56.27 2.19 -29.15	85.28 2.21 -58.91	71.94 1.11 -57.86	56.36 3.24 -20.66	76.16 3.69 -36.57	79.41 4.26 -35.66	101.46 4.06 -59.01	84.42 4.00 -43.12	63.71 4.03 -19.16	46.75 3.80 -5.44	51.79 3.32 -14.05	33.21 2.46 -3.74
CALPINE_BP_GT1 23823	26.62 1.11 -8.30	28.64 0.17 -26.26	27.47 -0.36 -33.52	30.12 0.64 -18.05	29.17 1.13 -11.42	28.82 1.75 -5.87	35.90 2.13 -7.84	31.47 2.07 -3.81	26.95 1.91 0.00	25.11 1.57 -2.58	36.48 1.60 -16.95	40.59 1.96 -16.26	56.27 2.19 -29.15	85.28 2.21 -58.91	71.94 1.11 -57.86	56.36 3.24 -20.66	76.16 3.69 -36.57	79.41 4.26 -35.66	101.46 4.06 -59.01	84.42 4.00 -43.12	63.71 4.03 -19.16	46.75 3.80 -5.44	51.79 3.32 -14.05	33.21 2.46 -3.74
CALSPAN___DRP 24200	19.27 0.01 -2.05	8.64 -0.06 -6.47	2.57 0.00 -8.27	15.83 -0.05 -4.45	19.36 -0.08 -2.82	22.27 -0.24 -1.31	27.51 -0.35 -1.94	25.95 -0.59 -0.94	24.74 -0.30 0.00	21.07 -0.21 -0.33	21.51 -0.44 -4.02	25.86 -0.43 -3.93	27.21 -0.37 -2.64	30.31 -0.36 -6.51	21.78 -0.38 -9.19	31.76 -0.71 0.00	34.89 -1.52 -0.51	37.75 -1.75 0.00	36.92 -1.48 0.00	35.88 -1.42 0.00	39.46 -1.06 0.00	36.47 -1.05 0.00	33.68 -0.74 0.00	26.78 -0.23 0.00
CALVERTON___SOLAR 323806	26.98 1.47 -8.30	28.70 0.22 -26.26	27.35 -0.47 -33.52	30.33 0.85 -18.05	29.50 1.46 -11.42	29.40 2.27 -5.93	36.65 2.88 -7.84	32.14 2.73 -3.81	27.50 2.46 0.00	25.58 2.04 -2.58	36.51 1.99 -16.59	40.87 2.41 -16.09	53.26 2.81 -25.52	89.27 2.90 -62.21	74.19 1.50 -59.72	52.80 4.18 -16.16	70.49 4.83 -29.77	92.16 5.64 -47.02	212.29 5.50 -168.40	97.54 5.36 -54.88	67.16 5.48 -21.16	48.56 5.04 -6.01	53.56 4.45 -14.68	34.47 3.33 -4.14
CANDIGU_WT_PWR 323617	19.30 -0.42 -2.50	10.04 -0.09 -7.91	4.47 0.07 -10.10	16.76 -0.11 -5.44	19.99 -0.07 -3.44	22.53 -0.26 -1.60	28.04 -0.26 -2.37	26.33 -0.42 -1.15	24.60 -0.44 0.00	20.77 -0.59 -0.40	22.21 -0.65 -4.94	26.41 -0.76 -4.82	27.34 -0.83 -3.24	31.37 -0.78 -7.98	23.74 -0.53 -11.29	31.42 -1.05 0.00	34.91 -1.61 -0.62	37.68 -1.82 0.00	36.91 -1.48 0.00	35.90 -1.40 0.00	39.64 -0.87 0.00	36.91 -0.60 0.00	34.15 -0.27 0.00	27.08 0.07 0.00

CARR STREET_E_SYR 24060	18.59 -0.08 -1.46	6.81 -0.02 -4.62	0.22 0.02 -5.89	14.55 -0.05 -3.17	18.53 -0.10 -2.01	21.90 -0.23 -0.93	26.91 -0.41 -1.38	25.85 -0.43 -0.67	24.67 -0.37 0.00	20.92 -0.27 -0.23	20.57 -0.25 -2.90	24.93 -0.26 -2.83	26.56 -0.28 -1.90	28.05 -0.27 -4.16	19.04 -0.14 -6.21	32.20 -0.27 0.00	35.71 -0.55 -0.36	38.90 -0.60 0.00	37.86 -0.54 0.00	36.75 -0.55 0.00	39.89 -0.62 0.00	36.90 -0.62 0.00	33.80 -0.62 0.00	26.55 -0.46 0.00
CARTHAGE___PAPER 23857	17.76 -0.29 -0.83	4.85 0.00 -2.63	-2.22 0.11 -3.36	13.09 -0.15 -1.81	17.57 -0.20 -1.14	21.40 -0.31 -0.52	26.47 -0.16 -0.70	25.88 -0.07 -0.35	24.67 -0.38 0.00	20.33 -0.76 -0.14	-3.96 -1.17 20.72	-18.11 -1.33 39.14	5.38 -1.68 17.89	-20.26 -1.66 42.76	-22.12 -0.77 34.33	22.88 -0.99 8.60	38.58 -0.71 -3.39	42.64 -0.26 -3.41	41.40 -0.22 -3.23	40.31 -0.15 -3.16	43.50 -0.37 -3.36	40.21 -0.50 -3.20	36.92 -0.05 -2.55	29.29 0.11 -2.16
CASSADAGA_WT_PWR 323784	19.67 0.35 -2.11	8.91 0.01 -6.68	2.77 -0.06 -8.53	16.09 0.07 -4.59	19.56 0.04 -2.90	22.51 -0.04 -1.35	28.13 0.20 -2.00	26.58 0.01 -0.97	25.24 0.20 0.00	21.47 0.18 -0.34	21.90 -0.17 -4.14	26.41 0.01 -4.04	27.54 -0.12 -2.72	30.73 -0.13 -6.70	22.17 -0.26 -9.46	32.03 -0.44 0.00	35.48 -0.94 -0.52	38.47 -1.03 0.00	37.75 -0.65 0.00	36.62 -0.68 0.00	40.37 -0.15 0.00	37.70 0.18 0.00	34.99 0.57 0.00	27.50 0.49 0.00
CE_DUNWOOD___DRP 24194	26.28 0.78 -8.28	28.52 0.10 -26.20	27.50 -0.26 -33.45	29.94 0.50 -18.01	28.85 0.84 -11.39	27.71 1.22 -5.30	35.37 1.62 -7.82	31.02 1.62 -3.80	26.57 1.53 0.00	24.90 1.27 -2.68	35.60 1.24 -16.43	39.87 1.49 -16.02	37.39 1.67 -10.77	52.34 1.64 -26.55	51.43 0.83 -37.63	35.08 2.61 0.00	40.92 2.96 -2.07	42.82 3.33 0.00	41.64 3.25 0.00	40.49 3.19 0.00	43.60 3.09 0.00	40.45 2.94 0.00	36.94 2.52 0.00	28.89 1.88 0.00
CE_MILLWOOD___DRP 24193	26.23 0.76 -8.25	28.42 0.10 -26.10	27.39 -0.25 -33.33	29.87 0.49 -17.94	28.80 0.82 -11.35	27.66 1.19 -5.28	35.30 1.58 -7.79	30.95 1.57 -3.78	26.52 1.48 0.00	24.92 1.23 -2.74	35.49 1.20 -16.37	39.75 1.43 -15.96	37.28 1.61 -10.73	52.19 1.58 -26.45	51.26 0.80 -37.49	34.98 2.51 0.00	40.81 2.85 -2.06	42.71 3.21 0.00	41.54 3.14 0.00	40.39 3.09 0.00	43.50 2.99 0.00	40.36 2.84 0.00	36.86 2.44 0.00	28.82 1.81 0.00
CE_NYC2_DRP 24202	26.31 0.80 -8.30	28.58 0.10 -26.25	27.57 -0.26 -33.52	29.97 0.49 -18.04	28.88 0.84 -11.41	27.73 1.23 -5.31	35.46 1.69 -7.84	31.16 1.75 -3.80	26.72 1.68 0.00	24.96 1.42 -2.59	35.81 1.41 -16.46	40.07 1.66 -16.05	37.60 1.87 -10.79	52.58 1.81 -26.60	51.61 0.94 -37.70	35.37 2.90 0.00	41.23 3.26 -2.07	43.13 3.64 0.00	41.90 3.51 0.00	40.76 3.45 0.00	43.84 3.33 0.00	40.73 3.21 0.00	37.18 2.76 0.00	29.06 2.05 0.00
CE_NYC_DRP 24195	26.31 0.80 -8.29	28.57 0.10 -26.25	27.57 -0.25 -33.51	29.97 0.49 -18.04	28.87 0.84 -11.41	27.73 1.22 -5.31	35.43 1.66 -7.84	31.12 1.71 -3.80	26.68 1.64 0.00	24.91 1.36 -2.59	35.74 1.35 -16.46	40.04 1.63 -16.05	37.54 1.81 -10.79	52.56 1.80 -26.60	51.59 0.91 -37.70	35.30 2.83 0.00	41.18 3.22 -2.07	43.08 3.59 0.00	41.83 3.44 0.00	40.67 3.37 0.00	43.76 3.24 0.00	40.60 3.09 0.00	37.08 2.66 0.00	29.00 1.99 0.00
CHAFFEE___LFGE 323603	19.34 0.04 -2.08	8.75 -0.05 -6.58	2.70 -0.01 -8.40	15.93 -0.03 -4.52	19.46 -0.02 -2.86	22.38 -0.15 -1.33	27.64 -0.25 -1.97	26.07 -0.48 -0.95	24.84 -0.20 0.00	21.16 -0.12 -0.33	21.66 -0.35 -4.09	26.05 -0.30 -3.99	27.33 -0.29 -2.68	30.50 -0.27 -6.61	21.98 -0.32 -9.33	31.90 -0.57 0.00	35.08 -1.33 -0.51	37.96 -1.54 0.00	37.11 -1.29 0.00	36.07 -1.23 0.00	39.63 -0.89 0.00	36.60 -0.91 0.00	33.80 -0.62 0.00	26.81 -0.20 0.00
CHATEAUG_35_KV_LOAD 355732	16.68 -0.85 -0.31	3.29 0.07 -1.00	-4.06 0.35 -1.28	11.46 -0.66 -0.69	16.00 -1.06 -0.43	19.29 -2.12 -0.21	23.25 -3.00 -0.31	23.35 -2.41 -0.16	22.34 -2.70 0.00	18.39 -2.63 -0.06	-3.37 -2.87 18.43	-17.08 -3.37 36.07	-23.61 -3.67 44.88	-23.03 -3.16 44.04	-23.94 -1.50 35.41	-25.75 -1.39 56.83	-25.32 -1.30 59.92	-25.55 -1.66 63.39	-25.46 -1.68 62.17	-25.33 -1.61 61.02	-25.63 -1.43 64.72	-25.36 -1.26 61.62	-15.82 -0.99 49.25	-15.63 -0.91 41.74
CHATEAUG_WT_PWR 323614	16.64 -0.89 -0.31	3.26 0.07 -0.97	-4.10 0.36 -1.24	11.42 -0.68 -0.67	15.97 -1.08 -0.42	19.26 -2.14 -0.20	23.18 -3.05 -0.30	23.23 -2.52 -0.15	22.27 -2.78 0.00	18.31 -2.70 -0.06	-2.45 -2.95 17.43	-15.24 -3.50 34.11	-20.98 -3.79 42.13	-22.86 -3.23 43.79	-23.77 -1.55 35.19	-21.57 -1.60 52.44	-21.19 -1.60 55.49	-21.21 -2.00 58.71	-21.22 -2.03 57.58	-21.12 -1.91 56.52	-21.21 -1.78 59.94	-21.08 -1.53 57.07	-12.37 -1.18 45.61	-12.69 -1.05 38.65
CHAT_HIGH_FALL_HYD 323578	16.68 -0.85 -0.31	3.29 0.07 -1.00	-4.06 0.35 -1.28	11.46 -0.66 -0.69	16.00 -1.06 -0.43	19.28 -2.13 -0.21	23.24 -3.00 -0.31	23.33 -2.43 -0.16	22.34 -2.70 0.00	18.38 -2.63 -0.06	-3.38 -2.87 18.43	-17.10 -3.38 36.07	-23.61 -3.67 44.88	-23.03 -3.15 44.04	-23.94 -1.50 35.41	-25.75 -1.39 56.83	-25.32 -1.31 59.92	-25.55 -1.66 63.39	-25.45 -1.68 62.17	-25.33 -1.62 61.02	-25.63 -1.43 64.72	-25.37 -1.26 61.62	-15.82 -1.00 49.25	-15.63 -0.91 41.74
CHAUTAUQUA___LFGE 323629	19.42 0.11 -2.09	8.81 -0.03 -6.62	2.75 -0.01 -8.46	15.97 -0.02 -4.55	19.46 -0.05 -2.88	22.39 -0.15 -1.34	27.84 -0.07 -1.98	26.27 -0.29 -0.96	25.03 -0.01 0.00	21.29 0.00 -0.33	21.81 -0.23 -4.11	26.24 -0.13 -4.01	27.45 -0.18 -2.70	30.64 -0.18 -6.65	22.06 -0.30 -9.39	31.90 -0.57 0.00	35.23 -1.19 -0.52	38.16 -1.34 0.00	37.35 -1.05 0.00	36.31 -0.99 0.00	39.92 -0.60 0.00	37.04 -0.48 0.00	34.27 -0.15 0.00	27.11 0.10 0.00
CHERRYST_13_KV_LD 356241	26.35 0.84 -8.29	28.58 0.11 -26.25	27.55 -0.27 -33.51	30.00 0.52 -18.04	28.92 0.89 -11.41	27.79 1.28 -5.31	35.50 1.74 -7.84	31.20 1.80 -3.80	26.76 1.72 0.00	24.98 1.43 -2.59	35.80 1.41 -16.46	40.12 1.71 -16.05	37.63 1.90 -10.79	52.65 1.89 -26.60	51.63 0.96 -37.70	35.43 2.96 0.00	41.32 3.35 -2.07	43.23 3.73 0.00	41.96 3.57 0.00	40.79 3.49 0.00	43.88 3.36 0.00	40.71 3.20 0.00	37.19 2.77 0.00	29.07 2.06 0.00
CHESTROR_138KV_BK263 355645	25.58 0.64 -7.72	26.71 0.08 -24.41	25.26 -0.22 -31.17	28.65 0.44 -16.78	27.96 0.72 -10.61	27.17 1.03 -4.94	34.57 1.36 -7.29	30.47 1.33 -3.54	26.29 1.25 0.00	21.87 1.01 0.10	34.23 0.99 -15.31	38.46 1.18 -14.92	36.29 1.31 -10.04	50.18 1.28 -24.74	48.68 0.65 -35.06	34.58 2.11 0.00	40.22 2.40 -1.93	42.21 2.72 0.00	41.07 2.68 0.00	39.94 2.64 0.00	43.07 2.55 0.00	39.94 2.43 0.00	36.49 2.07 0.00	28.54 1.53 0.00
CH_MIDHUDSON___DRP 24192	26.52 0.80 -8.51	29.24 0.10 -26.92	28.41 -0.27 -34.37	30.47 0.54 -18.50	29.20 0.87 -11.71	27.85 1.21 -5.44	35.56 1.59 -8.04	31.09 1.59 -3.90	26.56 1.52 0.00	23.81 1.28 -1.58	36.02 1.21 -16.88	40.28 1.46 -16.46	37.66 1.65 -11.07	53.05 1.61 -27.28	52.45 0.81 -38.66	35.03 2.56 0.00	40.94 2.91 -2.12	42.80 3.31 0.00	41.63 3.24 0.00	40.49 3.19 0.00	43.60 3.08 0.00	40.42 2.91 0.00	36.92 2.50 0.00	28.89 1.88 0.00

CH_MISC_IPPS 23765	26.45 0.89 -8.34	28.73 0.11 -26.40	27.72 -0.30 -33.70	30.17 0.60 -18.14	29.06 0.95 -11.48	27.88 1.34 -5.34	35.58 1.76 -7.88	31.18 1.76 -3.83	26.71 1.66 0.00	23.68 1.38 -1.34	35.78 1.30 -16.55	40.07 1.57 -16.14	37.58 1.78 -10.85	52.64 1.74 -26.75	51.77 0.89 -37.91	35.22 2.75 0.00	41.11 3.13 -2.08	43.05 3.56 0.00	41.89 3.50 0.00	40.72 3.42 0.00	43.88 3.36 0.00	40.66 3.15 0.00	37.12 2.70 0.00	29.04 2.03 0.00
CH_RES_BVR_FALLS 23983	16.88 -0.54 -0.21	2.88 0.00 -0.66	-4.66 0.20 -0.84	11.47 -0.41 -0.45	16.27 -0.64 -0.28	20.00 -1.35 -0.14	24.13 -2.03 -0.23	23.91 -1.80 -0.11	23.20 -1.84 0.00	19.31 -1.68 -0.04	10.84 -1.78 5.31	10.15 -2.03 10.18	16.82 -2.35 5.77	-19.25 -2.25 41.17	-21.34 -1.15 33.17	31.02 -1.02 0.43	34.95 -0.95 0.00	38.51 -0.98 0.00	37.44 -0.95 0.00	36.32 -0.98 0.00	39.65 -0.87 0.00	36.70 -0.81 0.00	33.90 -0.53 0.00	26.62 -0.39 0.00
CH_RES_NIAGARA 23895	18.42 -0.76 -1.96	8.27 -0.16 -6.20	2.47 0.25 -7.92	15.12 -0.58 -4.26	18.47 -0.85 -2.70	21.25 -1.21 -1.26	26.17 -1.62 -1.86	24.63 -1.87 -0.90	23.51 -1.53 0.00	20.06 -1.21 -0.31	20.47 -1.32 -3.86	24.60 -1.53 -3.76	25.91 -1.56 -2.53	28.85 -1.55 -6.24	20.80 -0.98 -8.80	30.21 -2.26 0.00	33.12 -3.26 -0.48	35.76 -3.74 0.00	34.92 -3.48 0.00	33.92 -3.38 0.00	37.30 -3.22 0.00	34.39 -3.12 0.00	31.78 -2.64 0.00	25.41 -1.61 0.00
CH_RES_SYRACUSE 23985	18.78 0.02 -1.55	7.12 0.00 -4.90	0.56 -0.02 -6.26	14.83 0.02 -3.37	18.78 0.02 -2.13	22.17 -0.02 -0.99	27.31 -0.09 -1.47	26.24 -0.09 -0.72	25.00 -0.04 0.00	21.17 -0.03 -0.25	20.95 -0.06 -3.08	25.30 -0.07 -3.01	26.87 -0.10 -2.02	28.59 -0.09 -4.52	19.62 -0.03 -6.68	32.49 0.02 0.00	36.16 -0.13 -0.39	39.40 -0.10 0.00	38.32 -0.07 0.00	37.23 -0.08 0.00	40.38 -0.13 0.00	37.36 -0.14 0.00	34.24 -0.18 0.00	26.88 -0.13 0.00
CLINTON_WT_PWR 323605	16.64 -0.89 -0.31	3.26 0.07 -0.97	-4.10 0.36 -1.24	11.42 -0.68 -0.67	15.97 -1.08 -0.42	19.26 -2.14 -0.20	23.18 -3.05 -0.30	23.23 -2.52 -0.15	22.27 -2.78 0.00	18.31 -2.70 -0.06	-2.45 -2.95 17.43	-15.24 -3.50 34.11	-20.98 -3.79 42.13	-22.86 -3.23 43.79	-23.77 -1.55 35.19	-21.57 -1.60 52.44	-21.19 -1.60 55.49	-21.21 -2.00 58.71	-21.22 -2.03 57.58	-21.12 -1.91 56.52	-21.21 -1.78 59.94	-21.08 -1.53 57.07	-12.37 -1.18 45.61	-12.69 -1.05 38.65
CLINTON__LFGE 323618	16.91 -0.61 -0.31	3.29 0.09 -0.98	-4.18 0.26 -1.25	11.60 -0.51 -0.67	16.23 -0.82 -0.42	19.60 -1.80 -0.20	23.60 -2.64 -0.30	23.88 -1.88 -0.16	22.90 -2.14 0.00	18.84 -2.17 -0.06	-2.59 -2.47 18.05	-15.81 -2.84 35.33	-21.95 -3.04 43.85	-22.30 -2.52 43.94	-23.51 -1.15 35.33	-23.22 -0.52 55.17	-22.60 -0.38 58.24	-22.51 -0.37 61.63	-22.44 -0.37 60.44	-22.39 -0.37 59.32	-22.49 -0.09 62.91	-22.61 -0.22 59.90	-13.56 -0.10 47.87	-13.91 -0.35 40.57
COBBLENY_34_KV_TB1 80064	19.34 0.04 -2.08	8.75 -0.05 -6.58	2.70 -0.01 -8.40	15.93 -0.03 -4.52	19.46 -0.03 -2.86	22.36 -0.17 -1.33	27.63 -0.26 -1.97	26.06 -0.50 -0.95	24.83 -0.21 0.00	21.16 -0.13 -0.33	21.65 -0.36 -4.09	26.01 -0.33 -3.99	27.33 -0.29 -2.68	30.50 -0.27 -6.61	21.98 -0.33 -9.33	31.90 -0.57 0.00	35.07 -1.34 -0.51	37.97 -1.53 0.00	37.12 -1.27 0.00	36.07 -1.23 0.00	39.62 -0.90 0.00	36.60 -0.91 0.00	33.77 -0.65 0.00	26.84 -0.17 0.00
COFFEEN__115KV_TB3 355620	17.91 -0.23 -0.93	5.17 0.00 -2.95	-1.84 0.09 -3.76	13.36 -0.10 -2.03	17.78 -0.13 -1.28	21.70 -0.07 -0.58	27.09 0.41 -0.76	26.31 0.32 -0.39	24.82 -0.22 0.00	20.47 -0.64 -0.15	-1.51 -1.05 18.39	-14.00 -1.31 35.04	7.31 -1.67 15.96	-15.52 -1.51 38.18	-18.11 -0.71 30.37	24.19 -0.55 7.74	38.87 -0.14 -3.11	43.21 0.63 -3.09	41.96 0.65 -2.93	40.79 0.62 -2.87	44.01 0.45 -3.04	40.56 0.15 -2.90	37.23 0.49 -2.32	29.45 0.48 -1.96
COLDSPRG_115KV_BK1 355956	20.29 0.94 -2.14	9.05 0.07 -6.76	2.65 -0.28 -8.63	16.62 0.54 -4.65	20.35 0.79 -2.94	23.46 0.89 -1.37	29.12 1.17 -2.02	27.54 0.96 -0.98	26.21 1.17 0.00	22.31 1.02 -0.34	22.76 0.64 -4.19	27.51 1.06 -4.09	28.86 1.17 -2.75	32.07 1.13 -6.78	22.94 0.39 -9.57	33.75 1.28 0.00	37.13 0.71 -0.53	40.26 0.76 0.00	39.42 1.03 0.00	38.30 1.01 0.00	42.06 1.54 0.00	39.03 1.52 0.00	36.10 1.68 0.00	28.49 1.48 0.00
COLONIE_LFGE__ 323577	28.28 0.61 -10.46	35.38 0.08 -33.08	36.36 -0.19 -42.24	34.56 0.38 -22.74	31.59 0.58 -14.39	28.74 0.85 -6.69	36.93 1.12 -9.88	31.52 1.12 -4.79	26.11 1.07 0.00	23.78 0.85 -1.97	39.44 0.78 -20.74	43.58 0.99 -20.22	39.70 1.16 -13.60	58.82 1.14 -33.52	61.05 0.57 -47.51	34.34 1.87 0.00	40.63 2.12 -2.61	41.85 2.35 0.00	40.65 2.26 0.00	39.48 2.18 0.00	42.78 2.27 0.00	39.60 2.09 0.00	36.27 1.85 0.00	28.47 1.46 0.00
COOPERNY_115KV_TB1 80082	23.88 0.51 -6.15	21.75 0.06 -19.47	18.98 -0.18 -24.85	25.17 0.36 -13.38	25.69 0.60 -8.46	25.97 0.84 -3.94	32.84 1.10 -5.82	29.50 1.08 -2.82	26.07 1.03 0.00	22.18 0.84 -0.39	30.96 0.82 -12.21	35.24 0.97 -11.91	34.04 1.09 -8.01	44.95 1.06 -19.73	41.47 0.53 -27.97	34.22 1.75 0.00	39.39 1.96 -1.54	41.72 2.22 0.00	40.57 2.18 0.00	39.44 2.14 0.00	42.60 2.08 0.00	39.50 1.99 0.00	36.11 1.69 0.00	28.26 1.25 0.00
COPENHAGEN_WT_PWR 323753	17.71 -0.46 -0.96	5.23 -0.03 -3.04	-1.65 0.17 -3.88	13.30 -0.22 -2.09	17.63 -0.31 -1.32	21.41 -0.39 -0.60	26.53 -0.21 -0.82	25.83 -0.18 -0.41	24.52 -0.52 0.00	20.21 -0.90 -0.16	0.44 -1.33 16.15	-10.29 -1.63 31.02	8.84 -2.05 14.06	-11.52 -2.02 33.66	-14.51 -1.00 26.48	23.98 -1.60 6.89	37.33 -1.40 -2.83	41.38 -0.89 -2.78	40.15 -0.87 -2.63	39.07 -0.81 -2.58	42.15 -1.10 -2.74	38.94 -1.18 -2.61	35.90 -0.60 -2.08	28.51 -0.27 -1.77
CORNELL____ 23752	20.15 0.45 -2.49	10.13 0.04 -7.87	4.19 -0.16 -10.05	17.17 0.33 -5.41	20.53 0.49 -3.42	23.39 0.60 -1.59	29.08 0.79 -2.36	27.59 0.83 -1.15	25.89 0.85 0.00	22.00 0.64 -0.40	23.34 0.47 -4.94	27.76 0.58 -4.82	28.81 0.63 -3.24	32.77 0.62 -7.99	24.62 0.34 -11.31	33.57 1.10 0.00	37.66 1.14 -0.62	40.84 1.34 0.00	39.74 1.35 0.00	38.59 1.29 0.00	41.87 1.36 0.00	38.74 1.22 0.00	35.46 1.04 0.00	27.84 0.82 0.00
CORONAAV_69_KV_TB1 355595	26.68 1.17 -8.30	28.65 0.17 -26.26	27.45 -0.38 -33.52	30.16 0.68 -18.05	29.22 1.18 -11.42	28.88 1.80 -5.88	36.01 2.25 -7.84	31.58 2.18 -3.81	27.08 2.03 0.00	25.22 1.68 -2.58	38.08 1.71 -18.44	41.43 2.09 -16.98	67.49 2.31 -40.24	84.50 2.30 -58.04	72.76 1.19 -58.60	70.80 3.42 -34.91	95.54 3.87 -55.78	117.51 4.47 -73.54	127.32 4.38 -84.54	123.36 4.28 -81.78	64.60 4.37 -19.71	47.14 4.03 -5.60	53.39 3.46 -15.52	33.48 2.61 -3.85
CORTLAND_115KV_TB3 80093	19.60 0.27 -2.12	8.95 0.02 -6.71	2.79 -0.10 -8.57	16.25 0.20 -4.61	19.85 0.30 -2.92	22.90 0.35 -1.36	28.40 0.46 -2.01	27.04 0.46 -0.98	25.52 0.48 0.00	21.66 0.36 -0.34	22.42 0.27 -4.22	26.82 0.34 -4.11	28.07 0.36 -2.77	30.87 0.36 -6.34	22.43 0.19 -9.27	33.18 0.71 0.00	37.11 0.68 -0.53	40.31 0.82 0.00	39.25 0.85 0.00	38.10 0.80 0.00	41.33 0.81 0.00	38.24 0.72 0.00	35.02 0.59 0.00	27.50 0.48 0.00





EAST HAMPTON___GT 23717	27.49 1.97 -8.30	28.77 0.29 -26.26	27.19 -0.64 -33.52	30.68 1.20 -18.05	30.03 1.98 -11.42	30.10 2.98 -5.93	37.59 3.82 -7.84	33.09 3.69 -3.81	28.41 3.37 0.00	26.30 2.76 -2.58	37.11 2.59 -16.59	41.62 3.16 -16.09	54.18 3.72 -25.52	90.14 3.78 -62.20	74.68 1.99 -59.72	54.10 5.46 -16.16	72.02 6.35 -29.78	93.72 7.37 -46.85	213.65 7.18 -168.07	99.12 6.97 -54.84	68.87 7.20 -21.16	50.08 6.56 -6.01	54.88 5.78 -14.68	35.47 4.32 -4.14
EAST RIVER___6 23660	26.32 0.81 -8.29	28.58 0.11 -26.25	27.57 -0.25 -33.51	29.96 0.49 -18.04	28.89 0.85 -11.41	27.72 1.22 -5.31	35.43 1.66 -7.84	31.13 1.73 -3.80	26.68 1.64 0.00	24.90 1.35 -2.59	35.72 1.34 -16.46	40.03 1.62 -16.05	37.54 1.80 -10.79	52.54 1.78 -26.60	51.58 0.91 -37.70	35.29 2.82 0.00	41.21 3.24 -2.07	43.12 3.62 0.00	41.86 3.46 0.00	40.69 3.39 0.00	43.75 3.23 0.00	40.60 3.09 0.00	37.09 2.67 0.00	29.01 2.00 0.00
EAST RIVER___7 23524	26.32 0.81 -8.29	28.58 0.11 -26.25	27.57 -0.25 -33.51	29.96 0.49 -18.04	28.89 0.85 -11.41	27.72 1.22 -5.31	35.43 1.66 -7.84	31.13 1.73 -3.80	26.68 1.64 0.00	24.90 1.35 -2.59	35.72 1.34 -16.46	40.03 1.62 -16.05	37.54 1.80 -10.79	52.54 1.78 -26.60	51.58 0.91 -37.70	35.29 2.82 0.00	41.21 3.24 -2.07	43.12 3.62 0.00	41.86 3.46 0.00	40.69 3.39 0.00	43.75 3.23 0.00	40.60 3.09 0.00	37.09 2.67 0.00	29.01 2.00 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	26.28 0.78 -8.28	28.52 0.10 -26.20	27.50 -0.26 -33.45	29.94 0.50 -18.01	28.85 0.84 -11.39	27.71 1.22 -5.30	35.37 1.62 -7.82	31.02 1.62 -3.80	26.57 1.53 0.00	24.90 1.27 -2.68	35.60 1.24 -16.43	39.87 1.49 -16.02	37.39 1.67 -10.77	52.34 1.64 -26.55	51.43 0.83 -37.63	35.08 2.61 0.00	40.92 2.96 -2.07	42.82 3.33 0.00	41.64 3.25 0.00	40.49 3.19 0.00	43.60 3.09 0.00	40.45 2.94 0.00	36.94 2.52 0.00	28.89 1.88 0.00
EAST_HAMPTON___DIESEL 23722	27.49 1.98 -8.30	28.76 0.29 -26.26	27.19 -0.64 -33.52	30.68 1.20 -18.05	30.03 1.98 -11.42	30.10 2.98 -5.93	37.59 3.82 -7.84	33.09 3.69 -3.81	28.41 3.37 0.00	26.30 2.77 -2.58	37.11 2.59 -16.59	41.62 3.17 -16.09	54.18 3.72 -25.52	90.14 3.78 -62.20	74.69 2.00 -59.72	54.10 5.47 -16.16	72.03 6.35 -29.78	93.72 7.38 -46.85	213.65 7.19 -168.07	99.12 6.97 -54.84	68.87 7.20 -21.16	50.08 6.56 -6.01	54.88 5.78 -14.68	35.47 4.33 -4.14
EAST_PULASKI___ESR 323781	18.19 -0.27 -1.24	6.12 -0.03 -3.94	-0.57 0.10 -5.03	13.97 -0.17 -2.71	18.06 -0.28 -1.71	21.57 -0.43 -0.80	26.61 -0.53 -1.21	25.69 -0.50 -0.59	24.55 -0.49 0.00	20.68 -0.47 -0.20	16.15 -0.50 1.28	17.33 -0.59 4.45	22.52 -0.70 1.72	19.73 -0.70 3.73	11.88 -0.37 0.71	29.87 -0.73 1.87	35.32 -0.90 -0.31	38.63 -0.86 0.00	37.56 -0.83 0.00	36.48 -0.82 0.00	39.58 -0.94 0.00	36.57 -0.94 0.00	33.58 -0.84 0.00	26.40 -0.62 0.00
EAST_RIVER___1 323558	26.31 0.80 -8.29	28.57 0.10 -26.25	27.57 -0.25 -33.51	29.97 0.49 -18.04	28.88 0.84 -11.41	27.73 1.22 -5.31	35.43 1.66 -7.84	31.12 1.72 -3.80	26.68 1.64 0.00	24.91 1.36 -2.59	35.74 1.35 -16.46	40.04 1.63 -16.05	37.55 1.81 -10.79	52.56 1.80 -26.60	51.59 0.91 -37.70	35.30 2.84 0.00	41.19 3.22 -2.07	43.08 3.59 0.00	41.83 3.44 0.00	40.68 3.38 0.00	43.75 3.24 0.00	40.60 3.09 0.00	37.08 2.66 0.00	29.01 2.00 0.00
EAST_RIVER___2 323559	26.32 0.81 -8.29	28.58 0.11 -26.25	27.57 -0.25 -33.51	29.96 0.49 -18.04	28.89 0.85 -11.41	27.72 1.22 -5.31	35.43 1.66 -7.84	31.13 1.73 -3.80	26.68 1.64 0.00	24.90 1.35 -2.59	35.72 1.34 -16.46	40.03 1.62 -16.05	37.54 1.80 -10.79	52.54 1.78 -26.60	51.58 0.91 -37.70	35.29 2.82 0.00	41.21 3.24 -2.07	43.12 3.62 0.00	41.86 3.46 0.00	40.69 3.39 0.00	43.75 3.23 0.00	40.60 3.09 0.00	37.09 2.67 0.00	29.01 2.00 0.00
EAST___DELAWARE_HYD 23607	25.11 0.50 -7.40	25.68 0.06 -23.40	24.01 -0.18 -29.87	27.87 0.36 -16.08	27.40 0.61 -10.17	26.83 0.90 -4.73	34.17 1.26 -6.99	30.27 1.28 -3.39	26.20 1.16 0.00	22.82 0.97 -0.90	33.48 0.88 -14.67	37.70 1.03 -14.31	35.69 1.13 -9.62	49.10 1.22 -23.72	47.17 0.59 -33.61	33.52 1.05 0.00	39.20 1.45 -1.85	41.27 1.77 0.00	40.14 1.75 0.00	39.02 1.72 0.00	42.18 1.66 0.00	39.97 2.46 0.00	36.45 2.03 0.00	28.45 1.44 0.00
EIGHT_POINT___WT_PWR 323820	18.76 -0.84 -2.39	9.61 -0.16 -7.55	4.09 0.14 -9.63	16.47 -0.15 -5.19	19.79 -0.12 -3.28	22.39 -0.34 -1.53	27.76 -0.43 -2.26	25.91 -0.80 -1.11	24.17 -0.87 0.00	20.27 -1.07 -0.38	21.52 -1.12 -4.72	25.52 -1.44 -4.60	26.50 -1.54 -3.09	30.37 -1.42 -7.63	22.91 -0.85 -10.79	30.63 -1.84 0.00	34.06 -2.43 -0.59	36.53 -2.96 0.00	35.80 -2.60 0.00	35.07 -2.23 0.00	39.55 -0.97 0.00	36.94 -0.58 0.00	34.28 -0.14 0.00	27.19 0.18 0.00
ELBRIDGE_115KV_TB2 80188	18.76 -0.05 -1.60	7.26 -0.02 -5.06	0.78 0.01 -6.46	14.89 -0.02 -3.48	18.77 -0.05 -2.20	22.11 -0.11 -1.02	27.24 -0.21 -1.52	26.17 -0.17 -0.74	24.93 -0.11 0.00	21.10 -0.11 -0.26	20.97 -0.13 -3.18	25.29 -0.17 -3.10	26.81 -0.22 -2.09	28.67 -0.21 -4.71	19.81 -0.09 -6.93	32.31 -0.15 0.00	35.98 -0.32 -0.40	39.21 -0.29 0.00	38.11 -0.28 0.00	37.05 -0.25 0.00	40.18 -0.34 0.00	37.20 -0.31 0.00	34.09 -0.33 0.00	26.79 -0.22 0.00
ELEC_TRO_TEK 24086	26.57 1.06 -8.30	28.63 0.15 -26.26	27.49 -0.34 -33.52	30.10 0.61 -18.05	29.13 1.08 -11.42	28.60 1.66 -5.74	35.86 2.09 -7.84	31.44 2.03 -3.81	26.94 1.90 0.00	25.11 1.57 -2.58	37.04 1.61 -17.50	40.85 1.97 -16.52	63.24 2.16 -36.13	78.61 2.14 -52.30	68.09 1.09 -54.03	64.81 3.21 -29.13	89.60 3.61 -50.09	90.88 4.16 -47.22	99.40 4.03 -56.98	91.82 3.94 -50.58	59.54 4.01 -15.01	45.48 3.70 -4.26	50.40 3.20 -12.78	32.34 2.40 -2.93
ELLENBURG_WT_PWR 323604	16.64 -0.89 -0.31	3.26 0.07 -0.97	-4.10 0.36 -1.24	11.42 -0.68 -0.67	15.97 -1.08 -0.42	19.26 -2.14 -0.20	23.18 -3.05 -0.30	23.23 -2.52 -0.15	22.27 -2.78 0.00	18.31 -2.70 -0.06	-2.45 -2.95 17.43	-15.24 -3.50 34.11	-20.98 -3.79 42.13	-22.86 -3.23 43.79	-23.77 -1.55 35.19	-21.57 -1.60 52.44	-21.19 -1.60 55.49	-21.21 -2.00 58.71	-21.22 -2.03 57.58	-21.12 -1.91 56.52	-21.21 -1.78 59.94	-21.08 -1.53 57.07	-12.37 -1.18 45.61	-12.69 -1.05 38.65
ELM_ST_23_KV_LD_REV_LBMP_A 345012	19.10 -0.14 -2.02	8.55 -0.08 -6.40	2.53 0.04 -8.18	15.68 -0.15 -4.40	19.18 -0.23 -2.79	22.06 -0.43 -1.30	27.25 -0.60 -1.92	25.68 -0.85 -0.93	24.49 -0.55 0.00	20.88 -0.40 -0.32	21.30 -0.61 -3.98	25.61 -0.64 -3.88	26.96 -0.59 -2.61	30.01 -0.59 -6.44	21.58 -0.48 -9.09	31.47 -1.00 0.00	34.56 -1.83 -0.50	37.39 -2.11 0.00	36.54 -1.85 0.00	35.51 -1.79 0.00	39.05 -1.47 0.00	36.07 -1.44 0.00	33.30 -1.12 0.00	26.51 -0.50 0.00
EMPIRE_CC_1 323656	27.66 0.46 -9.99	33.88 0.06 -31.60	34.51 -0.14 -40.34	33.44 0.29 -21.72	30.81 0.45 -13.74	28.26 0.67 -6.39	36.18 0.81 -9.43	30.95 0.77 -4.58	25.77 0.73 0.00	23.55 0.65 -1.95	38.38 0.64 -19.81	42.49 0.81 -19.32	38.88 0.95 -12.99	57.09 0.92 -32.02	58.79 0.44 -45.38	34.06 1.58 0.00	40.15 1.76 -2.49	41.44 1.94 0.00	40.24 1.85 0.00	39.11 1.81 0.00	42.38 1.86 0.00	39.19 1.68 0.00	35.97 1.55 0.00	28.28 1.27 0.00



FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	26.34 0.83 -8.29	28.58 0.11 -26.25	27.56 -0.26 -33.51	29.99 0.51 -18.04	28.90 0.86 -11.41	27.76 1.25 -5.31	35.47 1.70 -7.84	31.17 1.76 -3.80	26.71 1.67 0.00	24.93 1.39 -2.59	35.76 1.38 -16.46	40.07 1.66 -16.05	37.58 1.85 -10.79	52.59 1.83 -26.60	51.60 0.93 -37.70	35.35 2.88 0.00	41.25 3.28 -2.07	43.13 3.64 0.00	41.90 3.51 0.00	40.74 3.44 0.00	43.83 3.31 0.00	40.67 3.16 0.00	37.15 2.73 0.00	29.05 2.04 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	26.32 0.81 -8.29	28.58 0.11 -26.25	27.57 -0.26 -33.51	29.97 0.50 -18.04	28.88 0.84 -11.41	27.73 1.23 -5.31	35.44 1.67 -7.84	31.13 1.73 -3.80	26.69 1.64 0.00	24.92 1.37 -2.59	35.75 1.36 -16.46	40.05 1.64 -16.05	37.56 1.82 -10.79	52.57 1.80 -26.60	51.59 0.92 -37.70	35.32 2.85 0.00	41.20 3.23 -2.07	43.09 3.59 0.00	41.85 3.45 0.00	40.69 3.39 0.00	43.77 3.26 0.00	40.61 3.10 0.00	37.10 2.68 0.00	29.02 2.00 0.00
FARRAGUT___LBMP 323566	26.31 0.79 -8.29	28.58 0.11 -26.25	27.57 -0.25 -33.51	29.97 0.49 -18.04	28.87 0.83 -11.41	27.72 1.22 -5.31	35.42 1.66 -7.84	31.11 1.70 -3.80	26.66 1.62 0.00	24.89 1.35 -2.59	35.73 1.34 -16.46	40.03 1.62 -16.05	37.53 1.80 -10.79	52.54 1.78 -26.60	51.58 0.90 -37.70	35.28 2.81 0.00	41.16 3.20 -2.07	43.05 3.55 0.00	41.81 3.41 0.00	40.65 3.36 0.00	43.73 3.22 0.00	40.58 3.07 0.00	37.07 2.65 0.00	28.99 1.98 0.00
FENNER___WINDPWR 24204	18.99 0.25 -1.52	7.06 0.02 -4.82	0.38 -0.09 -6.15	14.92 0.17 -3.31	18.99 0.27 -2.10	22.51 0.33 -0.97	27.84 0.47 -1.44	26.82 0.52 -0.70	25.51 0.47 0.00	21.49 0.29 -0.25	22.58 0.16 -4.49	28.25 0.27 -5.62	28.49 0.26 -3.29	30.98 0.30 -6.52	21.49 0.18 -8.33	34.25 0.68 -1.10	37.02 0.74 -0.38	40.40 0.90 0.00	39.28 0.89 0.00	38.15 0.85 0.00	41.34 0.82 0.00	38.23 0.72 0.00	35.06 0.63 0.00	27.56 0.55 0.00
FIBERTEK___ENERGY 23856	18.78 0.02 -1.55	7.12 0.00 -4.90	0.56 -0.02 -6.26	14.83 0.02 -3.37	18.78 0.02 -2.13	22.17 -0.02 -0.99	27.31 -0.09 -1.47	26.24 -0.08 -0.72	25.00 -0.04 0.00	21.17 -0.03 -0.25	20.95 -0.06 -3.08	25.30 -0.07 -3.01	26.87 -0.10 -2.02	28.59 -0.09 -4.52	19.62 -0.03 -6.68	32.49 0.02 0.00	36.15 -0.13 -0.39	39.40 -0.10 0.00	38.32 -0.07 0.00	37.23 -0.08 0.00	40.38 -0.13 0.00	37.36 -0.14 0.00	34.24 -0.18 0.00	26.88 -0.13 0.00
FITZPATRICK____ 23598	17.91 -0.43 -1.13	5.73 -0.06 -3.57	-0.99 0.14 -4.56	13.60 -0.29 -2.46	17.72 -0.46 -1.55	21.27 -0.65 -0.72	26.13 -0.87 -1.07	25.24 -0.88 -0.52	24.23 -0.82 0.00	20.50 -0.63 -0.18	19.60 -0.57 -2.24	23.82 -0.73 -2.19	25.58 -0.83 -1.47	26.98 -0.81 -3.63	17.69 -0.42 -5.14	31.45 -1.02 0.00	34.93 -1.25 -0.28	38.14 -1.35 0.00	37.10 -1.30 0.00	36.03 -1.27 0.00	39.13 -1.39 0.00	36.20 -1.31 0.00	33.20 -1.22 0.00	26.08 -0.93 0.00
FLOWRFLD_69_KV_BK1 356044	26.91 1.40 -8.30	28.69 0.21 -26.26	27.38 -0.45 -33.52	30.28 0.81 -18.05	29.44 1.40 -11.42	29.29 2.17 -5.92	36.51 2.74 -7.84	32.05 2.65 -3.81	27.46 2.42 0.00	25.54 2.00 -2.58	36.48 1.96 -16.60	40.84 2.39 -16.10	53.26 2.71 -25.61	89.08 2.80 -62.12	74.09 1.45 -59.67	52.78 4.04 -16.27	70.46 4.62 -29.95	88.17 5.38 -43.30	222.99 5.32 -179.28	99.29 5.17 -56.82	66.97 5.35 -21.11	48.36 4.86 -5.99	53.35 4.27 -14.66	34.31 3.17 -4.13
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	26.50 0.92 -8.37	28.81 0.12 -26.47	27.80 -0.31 -33.80	30.24 0.62 -18.19	29.12 0.99 -11.51	27.93 1.38 -5.35	35.65 1.82 -7.90	31.25 1.81 -3.84	26.77 1.72 0.00	23.73 1.43 -1.35	35.88 1.35 -16.60	40.17 1.63 -16.18	37.67 1.85 -10.89	52.78 1.80 -26.82	51.91 0.92 -38.01	35.31 2.85 0.00	41.22 3.24 -2.09	43.16 3.67 0.00	42.00 3.60 0.00	40.83 3.53 0.00	43.99 3.47 0.00	40.76 3.25 0.00	37.21 2.79 0.00	29.10 2.09 0.00
FORT ORANGE____ 23900	27.86 0.34 -10.30	34.87 0.06 -32.59	35.83 -0.09 -41.61	34.02 0.18 -22.40	31.13 0.33 -14.17	28.33 0.54 -6.59	36.34 0.69 -9.73	31.00 0.67 -4.72	25.71 0.67 0.00	23.38 0.49 -1.94	38.82 0.46 -20.43	42.82 0.54 -19.92	38.98 0.64 -13.40	57.80 0.62 -33.02	60.07 0.30 -46.80	33.70 1.23 0.00	39.88 1.41 -2.57	41.10 1.60 0.00	39.92 1.53 0.00	38.82 1.52 0.00	42.02 1.51 0.00	38.91 1.40 0.00	35.61 1.19 0.00	28.10 1.09 0.00
FORT_DRUM_COGEN 23780	17.76 -0.36 -0.90	5.06 -0.01 -2.85	-1.92 0.13 -3.64	13.21 -0.18 -1.96	17.62 -0.24 -1.24	21.43 -0.33 -0.56	26.55 -0.13 -0.75	25.91 -0.07 -0.38	24.61 -0.43 0.00	20.31 -0.79 -0.15	-2.15 -1.24 18.84	-14.95 -1.50 35.81	6.73 -1.89 16.31	-16.69 -1.81 39.03	-19.01 -0.87 31.11	23.36 -1.21 7.90	38.12 -0.94 -3.16	42.24 -0.40 -3.15	41.01 -0.37 -2.98	39.90 -0.33 -2.93	43.04 -0.58 -3.10	39.75 -0.72 -2.95	36.55 -0.23 -2.36	28.98 -0.03 -2.00
FOX_HILLS___ESR 323835	26.32 0.81 -8.30	28.57 0.10 -26.25	27.58 -0.25 -33.52	29.96 0.48 -18.04	28.86 0.82 -11.41	27.71 1.21 -5.31	35.44 1.67 -7.84	31.14 1.73 -3.80	26.74 1.70 0.00	24.96 1.42 -2.59	35.78 1.39 -16.46	40.04 1.63 -16.05	37.55 1.81 -10.79	52.53 1.77 -26.60	51.63 0.96 -37.70	35.40 2.93 0.00	41.22 3.25 -2.07	43.10 3.60 0.00	41.90 3.50 0.00	40.85 3.55 0.00	43.85 3.33 0.00	40.79 3.27 0.00	37.24 2.82 0.00	29.06 2.05 0.00
FPL_FAR_ROCK_GT1 24212	26.82 1.31 -8.30	28.66 0.19 -26.26	27.41 -0.42 -33.52	30.25 0.76 -18.05	29.35 1.30 -11.42	29.04 1.98 -5.86	36.26 2.49 -7.84	31.82 2.42 -3.81	27.29 2.25 0.00	25.40 1.86 -2.58	38.30 1.86 -18.51	41.67 2.30 -17.01	65.89 2.53 -38.43	83.12 2.52 -56.44	72.03 1.30 -57.75	69.20 3.72 -33.01	92.08 4.21 -51.97	117.87 4.90 -73.47	126.77 4.72 -83.66	124.17 4.66 -82.21	64.23 4.71 -19.00	47.31 4.40 -5.40	52.93 3.81 -14.70	33.57 2.85 -3.72
FPL_FAR_ROCK_GT2 23815	26.82 1.31 -8.30	28.66 0.19 -26.26	27.41 -0.42 -33.52	30.25 0.76 -18.05	29.35 1.30 -11.42	29.04 1.98 -5.86	36.26 2.49 -7.84	31.82 2.42 -3.81	27.29 2.25 0.00	25.40 1.86 -2.58	38.30 1.86 -18.51	41.67 2.30 -17.01	65.89 2.53 -38.43	83.12 2.52 -56.44	72.03 1.30 -57.75	69.20 3.72 -33.01	92.08 4.21 -51.97	117.87 4.90 -73.47	126.77 4.72 -83.66	124.17 4.66 -82.21	64.23 4.71 -19.00	47.31 4.40 -5.40	52.93 3.81 -14.70	33.57 2.85 -3.72
FRANKLIN_FALL_HYD 24054	16.90 -0.66 -0.34	3.39 0.08 -1.08	-4.04 0.27 -1.38	11.66 -0.52 -0.74	16.24 -0.85 -0.47	19.58 -1.84 -0.22	23.63 -2.63 -0.33	23.68 -2.09 -0.17	22.71 -2.33 0.00	18.74 -2.27 -0.06	9.30 -2.52 6.11	8.64 -2.90 10.83	31.11 -3.16 -9.33	-21.85 -2.70 43.31	-23.19 -1.27 34.89	64.08 -0.84 -32.45	73.53 -0.70 -38.34	79.04 -0.99 -40.53	76.83 -0.99 -39.43	75.08 -0.92 -38.69	80.83 -0.72 -41.04	75.95 -0.64 -39.07	65.30 -0.35 -31.23	53.09 -0.39 -26.47
FREEPORT_EQUS_GT1 23764	26.68 1.16 -8.30	28.65 0.17 -26.26	27.45 -0.37 -33.52	30.16 0.68 -18.05	29.22 1.18 -11.42	28.87 1.82 -5.84	36.04 2.28 -7.84	31.62 2.22 -3.81	27.08 2.04 0.00	25.23 1.69 -2.58	36.93 1.70 -17.31	40.87 2.08 -16.43	58.59 2.32 -31.33	83.77 2.32 -57.29	71.27 1.16 -57.13	59.35 3.33 -23.55	79.96 3.79 -40.27	87.17 4.39 -43.28	103.29 4.03 -60.86	92.03 4.04 -50.69	63.04 4.11 -18.41	46.78 4.04 -5.23	51.77 3.53 -13.81	33.23 2.62 -3.60



FREPORT___CT2 23818	26.68 1.16 -8.30	28.65 0.17 -26.26	27.45 -0.37 -33.52	30.16 0.68 -18.05	29.22 1.18 -11.42	28.87 1.82 -5.84	36.04 2.28 -7.84	31.62 2.22 -3.81	27.08 2.04 0.00	25.23 1.69 -2.58	36.93 1.70 -17.31	40.87 2.08 -16.43	58.59 2.32 -31.33	83.77 2.32 -57.29	71.27 1.16 -57.13	59.35 3.33 -23.55	79.96 3.18 -40.27	87.17 3.52 -43.28	103.29 4.03 -60.86	92.03 4.04 -50.69	63.04 4.11 -18.41	46.78 4.04 -5.23	51.77 3.53 -13.81	33.23 2.62 -3.60
FRESHKLS_33_KV_LOAD 356253	26.33 0.82 -8.30	28.58 0.10 -26.25	27.59 -0.24 -33.52	29.94 0.46 -18.04	28.83 0.79 -11.41	27.69 1.18 -5.31	35.39 1.62 -7.84	31.10 1.69 -3.80	26.73 1.69 0.00	24.93 1.39 -2.59	35.74 1.35 -16.46	40.00 1.59 -16.05	37.49 1.76 -10.79	52.47 1.71 -26.60	51.57 0.90 -37.70	35.38 2.91 0.00	41.15 3.18 -2.07	43.02 3.52 0.00	41.83 3.44 0.00	40.83 3.53 0.00	43.78 3.27 0.00	40.77 3.25 0.00	37.14 2.72 0.00	29.05 2.04 0.00
FULTON COGEN____ 23766	18.34 -0.22 -1.35	6.46 -0.04 -4.28	-0.16 0.07 -5.46	14.22 -0.15 -2.94	18.24 -0.24 -1.86	21.70 -0.37 -0.87	26.72 -0.50 -1.29	25.71 -0.52 -0.63	24.59 -0.45 0.00	20.83 -0.34 -0.22	19.31 -0.32 -1.69	22.76 -0.41 -0.81	25.35 -0.47 -0.88	25.80 -0.45 -2.08	17.03 -0.23 -4.29	31.54 -0.51 0.43	35.55 -0.69 -0.34	38.76 -0.74 0.00	37.70 -0.69 0.00	36.62 -0.68 0.00	39.75 -0.76 0.00	36.76 -0.76 0.00	33.68 -0.74 0.00	26.44 -0.57 0.00
FULTON___LFGE 323630	30.70 1.26 -12.23	41.07 0.16 -38.69	43.29 -0.41 -49.40	38.85 0.82 -26.59	34.66 1.22 -16.82	30.71 1.69 -7.82	39.91 2.43 -11.55	33.66 2.45 -5.60	26.74 1.70 0.00	23.66 0.54 -2.17	42.72 0.54 -24.25	47.24 1.23 -23.65	42.55 1.70 -15.91	65.41 2.05 -39.20	69.64 1.12 -55.55	35.50 3.03 0.00	42.94 3.99 -3.05	43.90 4.41 0.00	42.74 4.35 0.00	41.49 4.19 0.00	45.00 4.49 0.00	41.30 3.79 0.00	37.76 3.34 0.00	29.48 2.47 0.00
G.F.CEMENT___DRP 24184	28.43 0.57 -10.64	35.96 0.07 -33.66	37.12 -0.16 -42.98	34.93 0.36 -23.14	31.83 0.57 -14.64	28.89 0.89 -6.81	37.29 1.30 -10.05	31.81 1.34 -4.88	26.27 1.23 0.00	23.84 0.90 -1.99	39.89 0.85 -21.10	43.99 1.05 -20.58	40.01 1.23 -13.84	59.55 1.28 -34.11	61.95 0.64 -48.34	34.56 2.09 0.00	41.15 2.60 -2.65	42.46 2.97 0.00	41.20 2.81 0.00	39.95 2.65 0.00	43.12 2.61 0.00	39.85 2.34 0.00	36.54 2.12 0.00	28.58 1.56 0.00
GARDENVILLE___LBMP 24039	19.20 -0.06 -2.05	8.63 -0.06 -6.48	2.60 0.02 -8.27	15.79 -0.10 -4.45	19.30 -0.14 -2.82	22.19 -0.32 -1.31	27.41 -0.45 -1.94	25.84 -0.70 -0.94	24.63 -0.41 0.00	20.98 -0.30 -0.33	21.44 -0.52 -4.03	25.77 -0.52 -3.93	27.11 -0.47 -2.64	30.20 -0.47 -6.51	21.73 -0.43 -9.19	31.62 -0.85 0.00	34.75 -1.66 -0.51	37.59 -1.91 0.00	36.76 -1.64 0.00	35.73 -1.57 0.00	39.30 -1.22 0.00	36.33 -1.18 0.00	33.55 -0.87 0.00	26.69 -0.32 0.00
GARDNVLA_35_KV_LD 355827	19.29 0.03 -2.05	8.64 -0.05 -6.47	2.56 -0.01 -8.27	15.84 -0.04 -4.45	19.37 -0.06 -2.82	22.29 -0.21 -1.31	27.54 -0.32 -1.94	25.98 -0.56 -0.94	24.77 -0.27 0.00	21.10 -0.18 -0.33	21.54 -0.41 -4.02	25.89 -0.39 -3.93	27.24 -0.34 -2.64	30.35 -0.32 -6.50	21.80 -0.36 -9.18	31.80 -0.67 0.00	34.94 -1.47 -0.51	37.81 -1.69 0.00	36.98 -1.41 0.00	35.93 -1.37 0.00	39.52 -1.00 0.00	36.53 -0.98 0.00	33.73 -0.69 0.00	26.81 -0.20 0.00
GELCKHM_1																								

GINNA____ 23603	18.08 -0.86 -1.72	7.52 -0.14 -5.43	1.53 0.28 -6.94	14.57 -0.60 -3.74	18.10 -0.89 -2.36	21.14 -1.16 -1.10	26.12 -1.43 -1.62	24.81 -1.56 -0.77	23.64 -1.40 0.00	20.15 -1.08 -0.28	20.28 -1.05 -3.40	24.46 -1.22 -3.31	25.88 -1.29 -2.23	28.42 -1.24 -5.49	20.04 -0.71 -7.79	30.77 -1.71 0.00	34.11 -2.21 -0.43	37.02 -2.48 0.00	36.03 -2.37 0.00	34.97 -2.33 0.00	38.08 -2.43 0.00	35.12 -2.39 0.00	32.21 -2.21 0.00	25.39 -1.62 0.00
GLEN PARK____ 23778	17.86 -0.29 -0.93	5.15 -0.01 -2.94	-1.83 0.11 -3.75	13.32 -0.13 -2.02	17.72 -0.18 -1.28	21.61 -0.16 -0.57	26.93 0.24 -0.76	26.18 0.19 -0.39	24.75 -0.29 0.00	20.40 -0.70 -0.15	-1.59 -1.12 18.39	-14.08 -1.40 35.04	7.22 -1.76 15.96	-15.64 -1.62 38.18	-18.17 -0.77 30.37	23.97 -0.76 7.74	38.61 -0.40 -3.11	42.90 0.31 -3.09	41.66 0.34 -2.93	40.51 0.34 -2.87	43.69 0.13 -3.04	40.29 -0.12 -2.90	37.00 0.26 -2.32	29.29 0.31 -1.96
GLENDALE_27_KV_LOAD 356172	26.38 0.87 -8.30	28.59 0.11 -26.25	27.55 -0.28 -33.52	30.02 0.54 -18.04	28.94 0.90 -11.41	27.82 1.31 -5.31	35.58 1.81 -7.84	31.28 1.88 -3.80	26.85 1.81 0.00	25.07 1.52 -2.59	35.89 1.50 -16.46	40.18 1.78 -16.05	37.73 1.99 -10.79	52.70 1.94 -26.60	51.68 1.00 -37.70	35.54 3.08 0.00	41.41 3.45 -2.07	43.35 3.86 0.00	42.11 3.72 0.00	40.96 3.67 0.00	44.06 3.54 0.00	40.92 3.41 0.00	37.34 2.92 0.00	29.17 2.16 0.00
GLENWOOD_IC_1_G5 23712	26.54 1.02 -8.30	28.62 0.14 -26.26	27.50 -0.33 -33.52	30.10 0.62 -18.05	29.10 1.06 -11.42	28.52 1.58 -5.74	35.79 2.02 -7.84	31.33 1.92 -3.81	26.93 1.89 0.00	25.11 1.57 -2.58	36.66 1.57 -17.16	40.62 1.91 -16.35	61.66 2.13 -34.60	79.00 2.03 -52.81	67.99 1.02 -54.00	62.57 3.13 -26.97	87.18 3.54 -47.74	82.40 3.95 -38.95	93.18 3.95 -50.83	82.96 3.86 -41.80	59.21 3.73 -14.96	45.24 3.47 -4.25	50.13 3.02 -12.70	32.27 2.34 -2.92
GLENWOOD_IC_2_G1 23688	26.44 0.92 -8.30	28.60 0.13 -26.26	27.53 -0.30 -33.52	30.05 0.56 -18.05	29.01 0.96 -11.42	27.95 1.43 -5.32	35.63 1.86 -7.84	31.24 1.83 -3.81	26.77 1.73 0.00	24.98 1.44 -2.58	35.85 1.44 -16.48	40.16 1.74 -16.06	38.61 1.94 -11.73	53.31 1.90 -27.26	52.03 0.96 -38.10	36.45 2.93 -1.04	43.12 3.31 -3.91	44.37 3.75 -1.12	43.28 3.64 -1.24	41.90 3.59 -1.01	44.36 3.51 -0.33	40.93 3.32 -0.09	37.65 2.87 -0.36	29.23 2.15 -0.07
GLENWOOD_IC_3_G1 23689	26.44 0.92 -8.30	28.60 0.13 -26.26	27.53 -0.30 -33.52	30.05 0.56 -18.05	29.01 0.96 -11.42	27.95 1.43 -5.32	35.63 1.86 -7.84	31.24 1.83 -3.81	26.77 1.73 0.00	24.98 1.44 -2.58	35.85 1.44 -16.48	40.16 1.74 -16.06	38.61 1.94 -11.73	53.31 1.90 -27.26	52.03 0.96 -38.10	36.45 2.93 -1.04	43.12 3.31 -3.91	44.37 3.75 -1.12	43.28 3.64 -1.24	41.90 3.59 -1.01	44.36 3.51 -0.33	40.93 3.32 -0.09	37.65 2.87 -0.36	29.23 2.15 -0.07
GLENWOOD____4 23550	26.54 1.02 -8.30	28.62 0.14 -26.26	27.50 -0.33 -33.52	30.10 0.62 -18.05	29.10 1.06 -11.42	28.52 1.58 -5.74	35.79 2.02 -7.84	31.36 1.95 -3.81	26.93 1.89 0.00	25.11 1.57 -2.58	36.66 1.57 -17.16	40.62 1.91 -16.35	61.66 2.13 -34.60	79.02 2.05 -52.81	68.01 1.04 -54.00	62.59 3.15 -26.97	87.19 3.55 -47.74	82.45 3.99 -38.95	93.18 3.95 -50.83	82.97 3.87 -41.80	59.27 3.79 -14.96	45.29 3.53 -4.25	50.17 3.05 -12.70	32.27 2.34 -2.92
GLENWOOD____5 23614	26.54 1.02 -8.30	28.62 0.14 -26.26	27.50 -0.33 -33.52	30.10 0.62 -18.05	29.10 1.06 -11.42	28.52 1.58 -5.74	35.79 2.02 -7.84	31.36 1.95 -3.81	26.93 1.89 0.00	25.11 1.57 -2.58	36.66 1.57 -17.16	40.62 1.91 -16.35	61.66 2.13 -34.60	79.02 2.05 -52.81	68.01 1.04 -54.00	62.59 3.15 -26.97	87.19 3.55 -47.74	82.45 3.99 -38.95	93.18 3.95 -50.83	82.97 3.87 -41.80	59.27 3.79 -14.96	45.29 3.53 -4.25	50.17 3.05 -12.70	32.27 2.34 -2.92
GLOBAL GREEN_PORT_GT1 23814	27.44 1.93 -8.30	28.76 0.28 -26.26	27.21 -0.62 -33.52	30.65 1.16 -18.05	29.98 1.94 -11.42	30.03 2.91 -5.93	37.51 3.74 -7.84	33.00 3.60 -3.81	28.33 3.29 0.00	26.24 2.70 -2.58	37.07 2.55 -16.59	41.55 3.10 -16.09	54.10 3.64 -25.52	90.07 3.70 -62.20	74.65 1.96 -59.72	53.99 5.36 -16.16	71.89 6.22 -29.78	93.57 7.23 -46.84	213.49 7.04 -168.05	98.98 6.84 -54.84	68.74 7.06 -21.16	49.95 6.43 -6.00	54.76 5.66 -14.68	35.38 4.23 -4.14
GLOBE____DSASP 323697	18.37 -0.81 -1.96	8.26 -0.16 -6.19	2.48 0.27 -7.91	15.08 -0.61 -4.26	18.42 -0.90 -2.69	21.17 -1.28 -1.25	26.08 -1.70 -1.85	24.55 -1.95 -0.90	23.43 -1.61 0.00	19.98 -1.28 -0.31	20.40 -1.39 -3.85	24.48 -1.64 -3.76	25.83 -1.63 -2.53	28.77 -1.62 -6.23	20.75 -1.02 -8.79	30.13 -2.34 0.00	33.03 -3.35 -0.48	35.66 -3.83 0.00	34.82 -3.57 0.00	33.82 -3.48 0.00	37.18 -3.34 0.00	34.29 -3.23 0.00	31.66 -2.76 0.00	25.37 -1.64 0.00
GOETHSLN____LBMP 323567	26.20 0.69 -8.29	28.56 0.09 -26.25	27.60 -0.22 -33.51	29.91 0.43 -18.04	28.79 0.75 -11.41	27.62 1.11 -5.31	35.29 1.52 -7.84	30.97 1.57 -3.80	26.51 1.47 0.00	24.76 1.22 -2.59	35.61 1.22 -16.46	39.87 1.47 -16.05	37.36 1.62 -10.79	52.35 1.61 -26.58	51.49 0.81 -37.70	35.08 2.61 0.00	40.92 2.96 -2.07	42.78 3.28 0.00	41.56 3.17 0.00	40.43 3.13 0.00	43.48 2.96 0.00	40.37 2.86 0.00	36.87 2.46 0.00	28.84 1.83 0.00
GOLAH____69_KV_TB 1_2 80279	19.08 0.10 -1.76	7.76 -0.03 -5.57	1.37 -0.04 -7.11	15.28 0.02 -3.83	19.03 -0.01 -2.42	22.29 -0.03 -1.13	27.51 -0.08 -1.66	26.15 -0.25 -0.80	24.97 -0.07 0.00	21.19 -0.05 -0.28	21.19 -0.21 -3.47	25.58 -0.17 -3.39	27.16 -0.06 -2.28	29.70 -0.08 -5.62	20.81 -0.12 -7.96	32.30 -0.17 0.00	35.71 -0.62 -0.44	38.80 -0.70 0.00	37.82 -0.57 0.00	36.73 -0.57 0.00	40.09 -0.42 0.00	36.94 -0.57 0.00	33.91 -0.51 0.00	26.83 -0.18 0.00
GOODYEAR_LAKE_HYD 323669	20.67 0.52 -2.93	11.55 0.05 -9.28	5.96 -0.19 -11.85	18.24 0.42 -6.38	21.29 0.63 -4.04	23.82 0.75 -1.88	29.68 0.98 -2.77	27.91 0.96 -1.35	26.02 0.98 0.00	22.18 0.75 -0.47	24.39 0.64 -5.83	28.83 0.78 -5.68	29.66 0.90 -3.82	34.44 0.86 -9.42	26.77 0.46 -13.34	33.85 1.38 0.00	38.04 1.41 -0.73	41.17 1.68 0.00	40.09 1.70 0.00	38.93 1.63 0.00	42.18 1.66 0.00	39.02 1.51 0.00	35.75 1.33 0.00	27.99 0.98 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	20.69 0.23 -3.24	12.48 0.01 -10.25	7.30 -0.09 -13.09	18.69 0.21 -7.04	21.40 0.31 -4.46	23.61 0.34 -2.07	29.42 0.42 -3.06	27.46 0.37 -1.49	25.46 0.42 0.00	21.81 0.33 -0.53	24.70 0.28 -6.49	29.05 0.36 -6.33	29.57 0.37 -4.26	35.03 0.37 -10.50	27.99 0.15 -14.87	33.13 0.66 0.00	37.22 0.51 -0.82	40.10 0.61 0.00	39.08 0.69 0.00	37.94 0.64 0.00	41.23 0.71 0.00	38.19 0.68 0.00	35.01 0.59 0.00	27.52 0.51 0.00
GOUDEY____7 23579	20.70 0.25 -3.24	12.48 0.01 -10.25	7.30 -0.10 -13.09	18.70 0.21 -7.04	21.41 0.33 -4.46	23.63 0.36 -2.07	29.44 0.45 -3.06	27.49 0.40 -1.49	25.49 0.44 0.00	21.83 0.35 -0.53	24.72 0.30 -6.49	29.07 0.38 -6.33	29.60 0.40 -4.26	35.05 0.39 -10.50	28.00 0.16 -14.87	33.16 0.69 0.00	37.27 0.56 -0.82	40.15 0.65 0.00	39.13 0.73 0.00	37.98 0.68 0.00	41.27 0.75 0.00	38.23 0.71 0.00	35.05 0.63 0.00	27.55 0.53 0.00

GODEY___8 23580	20.69 0.23 -3.24	12.48 0.01 -10.25	7.30 -0.09 -13.09	18.69 0.21 -7.04	21.40 0.31 -4.46	23.61 0.34 -2.07	29.42 0.42 -3.06	27.46 0.37 -1.49	25.46 0.42 0.00	21.81 0.33 -0.53	24.70 0.28 -6.49	29.05 0.36 -6.33	29.57 0.37 -4.26	35.03 0.37 -10.50	27.99 0.15 -14.87	33.13 0.66 0.00	37.22 0.51 -0.82	40.10 0.61 0.00	39.08 0.69 0.00	37.94 0.64 0.00	41.23 0.71 0.00	38.19 0.68 0.00	35.01 0.59 0.00	27.52 0.51 0.00
GOWANUS_GT1_1 24077	26.35 0.84 -8.30	28.58 0.11 -26.25	27.56 -0.27 -33.52	30.00 0.52 -18.04	28.91 0.87 -11.41	27.79 1.28 -5.31	35.52 1.75 -7.84	31.22 1.82 -3.80	26.80 1.76 0.00	25.02 1.48 -2.59	35.84 1.45 -16.46	40.11 1.70 -16.05	37.63 1.90 -10.79	52.62 1.85 -26.60	51.65 0.98 -37.70	35.48 3.01 0.00	41.32 3.35 -2.07	43.23 3.73 0.00	42.02 3.62 0.00	40.92 3.62 0.00	43.96 3.45 0.00	40.86 3.34 0.00	37.28 2.86 0.00	29.11 2.10 0.00
GOWANUS_GT1_2 24078	26.35 0.84 -8.30	28.58 0.11 -26.25	27.56 -0.27 -33.52	30.00 0.52 -18.04	28.91 0.87 -11.41	27.79 1.28 -5.31	35.52 1.75 -7.84	31.22 1.82 -3.80	26.80 1.76 0.00	25.02 1.48 -2.59	35.84 1.45 -16.46	40.11 1.70 -16.05	37.63 1.90 -10.79	52.62 1.85 -26.60	51.65 0.98 -37.70	35.48 3.01 0.00	41.32 3.35 -2.07	43.23 3.73 0.00	42.02 3.62 0.00	40.92 3.62 0.00	43.96 3.45 0.00	40.86 3.34 0.00	37.28 2.86 0.00	29.11 2.10 0.00
GOWANUS_GT1_3 24079	26.35 0.84 -8.30	28.58 0.11 -26.25	27.56 -0.27 -33.52	30.00 0.52 -18.04	28.91 0.87 -11.41	27.79 1.28 -5.31	35.52 1.75 -7.84	31.22 1.82 -3.80	26.80 1.76 0.00	25.02 1.48 -2.59	35.84 1.45 -16.46	40.11 1.70 -16.05	37.63 1.90 -10.79	52.62 1.85 -26.60	51.65 0.98 -37.70	35.48 3.01 0.00	41.32 3.35 -2.07	43.23 3.73 0.00	42.02 3.62 0.00	40.92 3.62 0.00	43.96 3.45 0.00	40.86 3.34 0.00	37.28 2.86 0.00	29.11 2.10 0.00
GOWANUS_GT1_4 24080	26.35 0.84 -8.30	28.58 0.11 -26.25	27.56 -0.27 -33.52	30.00 0.52 -18.04	28.91 0.87 -11.41	27.79 1.28 -5.31	35.52 1.75 -7.84	31.22 1.82 -3.80	26.80 1.76 0.00	25.02 1.48 -2.59	35.84 1.45 -16.46	40.11 1.70 -16.05	37.63 1.90 -10.79	52.62 1.85 -26.60	51.65 0.98 -37.70	35.48 3.01 0.00	41.32 3.35 -2.07	43.23 3.73 0.00	42.02 3.62 0.00	40.92 3.62 0.00	43.96 3.45 0.00	40.86 3.34 0.00	37.28 2.86 0.00	29.11 2.10 0.00
GOWANUS_GT1_5 24084	26.35 0.84 -8.30	28.58 0.11 -26.25	27.56 -0.27 -33.52	30.00 0.52 -18.04	28.91 0.87 -11.41	27.79 1.28 -5.31	35.52 1.75 -7.84	31.22 1.82 -3.80	26.80 1.76 0.00	25.02 1.48 -2.59	35.84 1.45 -16.46	40.11 1.70 -16.05	37.63 1.90 -10.79	52.62 1.85 -26.60	51.65 0.98 -37.70	35.48 3.01 0.00	41.32 3.35 -2.07	43.23 3.73 0.00	42.02 3.62 0.00	40.92 3.62 0.00	43.96 3.45 0.00	40.86 3.34 0.00	37.28 2.86 0.00	29.11 2.10 0.00
GOWANUS_GT1_6 24111	26.35 0.84 -8.30	28.58 0.11 -26.25	27.56 -0.27 -33.52	30.00 0.52 -18.04	28.91 0.87 -11.41	27.79 1.28 -5.31	35.52 1.75 -7.84	31.22 1.82 -3.80	26.80 1.76 0.00	25.02 1.48 -2.59	35.84 1.45 -16.46	40.11 1.70 -16.05	37.63 1.90 -10.79	52.62 1.85 -26.60	51.65 0.98 -37.70	35.48 3.01 0.00	41.32 3.35 -2.07	43.23 3.73 0.00	42.02 3.62 0.00	40.92 3.62 0.00	43.96 3.45 0.00	40.86 3.34 0.00	37.28 2.86 0.00	29.11 2.10 0.00
GOWANUS_GT1_7 24112	26.35 0.84 -8.30	28.58 0.11 -26.25	2																					

GOWANUS_GT2_7 24120	26.35 0.83 -8.30	28.58 0.11 -26.25	27.56 -0.27 -33.52	30.00 0.52 -18.04	28.91 0.87 -11.41	27.79 1.28 -5.31	35.53 1.76 -7.84	31.22 1.82 -3.80	26.80 1.76 0.00	25.02 1.47 -2.59	35.83 1.45 -16.46	40.11 1.70 -16.05	37.64 1.90 -10.79	52.61 1.84 -26.60	51.65 0.98 -37.70	35.48 3.01 0.00	41.31 3.35 -2.07	43.23 3.73 0.00	42.01 3.62 0.00	40.92 3.62 0.00	43.97 3.45 0.00	40.86 3.34 0.00	37.29 2.87 0.00	29.11 2.10 0.00
GOWANUS_GT2_8 24121	26.35 0.83 -8.30	28.58 0.11 -26.25	27.56 -0.27 -33.52	30.00 0.52 -18.04	28.91 0.87 -11.41	27.79 1.28 -5.31	35.53 1.76 -7.84	31.22 1.82 -3.80	26.80 1.76 0.00	25.02 1.47 -2.59	35.83 1.45 -16.46	40.11 1.70 -16.05	37.64 1.90 -10.79	52.61 1.84 -26.60	51.65 0.98 -37.70	35.48 3.01 0.00	41.31 3.35 -2.07	43.23 3.73 0.00	42.01 3.62 0.00	40.92 3.62 0.00	43.97 3.45 0.00	40.86 3.34 0.00	37.29 2.87 0.00	29.11 2.10 0.00
GOWANUS_GT3_1 24122	26.35 0.83 -8.30	28.58 0.11 -26.25	27.56 -0.27 -33.52	30.00 0.52 -18.04	28.91 0.87 -11.41	27.79 1.28 -5.31	35.53 1.76 -7.84	31.22 1.82 -3.80	26.80 1.76 0.00	25.02 1.47 -2.59	35.83 1.45 -16.46	40.11 1.70 -16.05	37.64 1.90 -10.79	52.61 1.84 -26.60	51.65 0.98 -37.70	35.48 3.01 0.00	41.31 3.35 -2.07	43.23 3.73 0.00	42.01 3.62 0.00	40.92 3.62 0.00	43.97 3.45 0.00	40.86 3.34 0.00	37.29 2.87 0.00	29.11 2.10 0.00
GOWANUS_GT3_2 24123	26.35 0.83 -8.30	28.58 0.11 -26.25	27.56 -0.27 -33.52	30.00 0.52 -18.04	28.91 0.87 -11.41	27.79 1.28 -5.31	35.53 1.76 -7.84	31.22 1.82 -3.80	26.80 1.76 0.00	25.02 1.47 -2.59	35.83 1.45 -16.46	40.11 1.70 -16.05	37.64 1.90 -10.79	52.61 1.84 -26.60	51.65 0.98 -37.70	35.48 3.01 0.00	41.31 3.35 -2.07	43.23 3.73 0.00	42.01 3.62 0.00	40.92 3.62 0.00	43.97 3.45 0.00	40.86 3.34 0.00	37.29 2.87 0.00	29.11 2.10 0.00
GOWANUS_GT3_3 24124	26.35 0.83 -8.30	28.58 0.11 -26.25	27.56 -0.27 -33.52	30.00 0.52 -18.04	28.91 0.87 -11.41	27.79 1.28 -5.31	35.53 1.76 -7.84	31.22 1.82 -3.80	26.80 1.76 0.00	25.02 1.47 -2.59	35.83 1.45 -16.46	40.11 1.70 -16.05	37.64 1.90 -10.79	52.61 1.84 -26.60	51.65 0.98 -37.70	35.48 3.01 0.00	41.31 3.35 -2.07	43.23 3.73 0.00	42.01 3.62 0.00	40.92 3.62 0.00	43.97 3.45 0.00	40.86 3.34 0.00	37.29 2.87 0.00	29.11 2.10 0.00
GOWANUS_GT3_4 24125	26.35 0.83 -8.30	28.58 0.11 -26.25	27.56 -0.27 -33.52	30.00 0.52 -18.04	28.91 0.87 -11.41	27.79 1.28 -5.31	35.53 1.76 -7.84	31.22 1.82 -3.80	26.80 1.76 0.00	25.02 1.47 -2.59	35.83 1.45 -16.46	40.11 1.70 -16.05	37.64 1.90 -10.79	52.61 1.84 -26.60	51.65 0.98 -37.70	35.48 3.01 0.00	41.31 3.35 -2.07	43.23 3.73 0.00	42.01 3.62 0.00	40.92 3.62 0.00	43.97 3.45 0.00	40.86 3.34 0.00	37.29 2.87 0.00	29.11 2.10 0.00
GOWANUS_GT3_5 24126	26.35 0.83 -8.30	28.58 0.11 -26.25	27.56 -0.27 -33.52	30.00 0.52 -18.04	28.91 0.87 -11.41	27.79 1.28 -5.31	35.53 1.76 -7.84	31.22 1.82 -3.80	26.80 1.76 0.00	25.02 1.47 -2.59	35.83 1.45 -16.46	40.11 1.70 -16.05	37.64 1.90 -10.79	52.61 1.84 -26.60	51.65 0.98 -37.70	35.48 3.01 0.00	41.31 3.35 -2.07	43.23 3.73 0.00	42.01 3.62 0.00	40.92 3.62 0.00	43.97 3.45 0.00	40.86 3.34 0.00	37.29 2.87 0.00	29.11 2.10 0.00
GOWANUS_GT3_6 24127	26.35 0.83 -8.30	28.58 0.11 -26																						

GOWANUS_GT4_6 24135	26.35 0.84 -8.30	28.58 0.11 -26.25	27.56 -0.27 -33.52	30.00 0.52 -18.04	28.91 0.87 -11.41	27.79 1.28 -5.31	35.52 1.75 -7.84	31.22 1.82 -3.80	26.80 1.76 0.00	25.02 1.48 -2.59	35.84 1.45 -16.46	40.11 1.70 -16.05	37.63 1.90 -10.79	52.62 1.85 -26.60	51.65 0.98 -37.70	35.48 3.01 0.00	41.32 3.35 -2.07	43.23 3.73 0.00	42.02 3.62 0.00	40.92 3.62 0.00	43.96 3.45 0.00	40.86 3.34 0.00	37.28 2.86 0.00	29.11 2.10 0.00
GOWANUS_GT4_7 24136	26.35 0.84 -8.30	28.58 0.11 -26.25	27.56 -0.27 -33.52	30.00 0.52 -18.04	28.91 0.87 -11.41	27.79 1.28 -5.31	35.52 1.75 -7.84	31.22 1.82 -3.80	26.80 1.76 0.00	25.02 1.48 -2.59	35.84 1.45 -16.46	40.11 1.70 -16.05	37.63 1.90 -10.79	52.62 1.85 -26.60	51.65 0.98 -37.70	35.48 3.01 0.00	41.32 3.35 -2.07	43.23 3.73 0.00	42.02 3.62 0.00	40.92 3.62 0.00	43.96 3.45 0.00	40.86 3.34 0.00	37.28 2.86 0.00	29.11 2.10 0.00
GOWANUS_GT4_8 24137	26.35 0.84 -8.30	28.58 0.11 -26.25	27.56 -0.27 -33.52	30.00 0.52 -18.04	28.91 0.87 -11.41	27.79 1.28 -5.31	35.52 1.75 -7.84	31.22 1.82 -3.80	26.80 1.76 0.00	25.02 1.48 -2.59	35.84 1.45 -16.46	40.11 1.70 -16.05	37.63 1.90 -10.79	52.62 1.85 -26.60	51.65 0.98 -37.70	35.48 3.01 0.00	41.32 3.35 -2.07	43.23 3.73 0.00	42.02 3.62 0.00	40.92 3.62 0.00	43.96 3.45 0.00	40.86 3.34 0.00	37.28 2.86 0.00	29.11 2.10 0.00
GREENBSH_115KV_TB3 55895	27.90 0.33 -10.35	35.02 0.06 -32.74	36.03 -0.09 -41.80	34.12 0.18 -22.51	31.18 0.32 -14.24	28.34 0.52 -6.62	36.35 0.64 -9.78	30.99 0.65 -4.74	25.67 0.63 0.00	23.41 0.50 -1.95	38.93 0.47 -20.53	42.94 0.56 -20.01	39.08 0.68 -13.46	57.98 0.65 -33.17	60.30 0.31 -47.02	33.75 1.28 0.00	39.89 1.41 -2.58	41.06 1.57 0.00	39.89 1.50 0.00	38.76 1.46 0.00	41.97 1.46 0.00	38.84 1.33 0.00	35.56 1.14 0.00	28.08 1.07 0.00
GREENDGE_115KV_TB5 80291	19.60 0.13 -2.26	9.37 -0.01 -7.17	3.40 -0.06 -9.15	16.50 0.13 -4.93	19.98 0.24 -3.12	22.90 0.26 -1.45	28.50 0.41 -2.15	27.49 0.80 -1.09	25.71 0.67 0.00	21.49 0.17 -0.36	22.43 0.02 -4.48	26.78 0.05 -4.37	27.99 0.12 -2.94	31.55 0.14 -7.25	23.24 0.01 -10.26	32.74 0.27 0.00	36.48 0.02 -0.56	39.33 -0.17 0.00	38.40 0.00 0.00	37.29 -0.01 0.00	40.76 0.25 0.00	38.00 0.49 0.00	34.85 0.43 0.00	27.48 0.47 0.00
GREENIDGE___3 23582	19.60 0.13 -2.26	9.37 -0.01 -7.17	3.40 -0.06 -9.15	16.50 0.13 -4.93	19.98 0.24 -3.12	22.90 0.26 -1.45	28.50 0.41 -2.15	27.49 0.80 -1.09	25.71 0.67 0.00	21.49 0.17 -0.36	22.43 0.02 -4.48	26.78 0.05 -4.37	27.99 0.12 -2.94	31.55 0.14 -7.25	23.24 0.01 -10.26	32.74 0.27 0.00	36.48 0.02 -0.56	39.33 -0.17 0.00	38.40 0.00 0.00	37.29 -0.01 0.00	40.76 0.25 0.00	38.00 0.49 0.00	34.85 0.43 0.00	27.48 0.47 0.00
GREENIDGE___4 23583	19.60 0.13 -2.26	9.37 -0.01 -7.17	3.40 -0.06 -9.15	16.50 0.13 -4.93	19.98 0.24 -3.12	22.91 0.26 -1.45	28.49 0.41 -2.15	27.49 0.80 -1.09	25.71 0.67 0.00	21.49 0.17 -0.36	22.42 0.01 -4.48	26.79 0.05 -4.37	27.99 0.11 -2.94	31.55 0.14 -7.25	23.24 0.01 -10.26	32.74 0.27 0.00	36.48 0.02 -0.56	39.32 -0.17 0.00	38.40 0.00 0.00	37.30 0.00 0.00	40.76 0.24 0.00	37.99 0.48 0.00	34.86 0.44 0.00	27.47 0.46 0.00
GREENLWN_69_KV_BK 3 55738	26.66 1.15 -8.30	28.65 0.18 -26.26	27.46 -0.37 -33.52	30.14 0.65 -18.05	29.22 1.18 -11.42	28.96 1.84 -5.92	36.03 2.26 -7.84	31.58 2.18 -3.81	27.08 2.03 0.00	25.21 1.67 -2.58	36.26 1.71 -16.62	40.56 2.10 -16.11	53.14 2.32 -25.88	88.40 2.37 -61.87	73.71 1.21 -59.52	52.48 3.42 -16.59	70.13 3.78 -30.45	74.49 4.45 -30.54	90.16 4.31 -47.46	77.19 4.21 -35.69	65.76 4.29 -20.95	47.42 3.97 -5.95	52.53 3.50 -14.61	33.75 2.64 -4.09
GREENWD_138_KV_38B11_REV_LBMP_J 345004	26.35 0.84 -8.30	28.58 0.11 -26.25	27.56 -0.27 -33.52	30.00 0.52 -18.04	28.91 0.87 -11.41	27.79 1.28 -5.31	35.52 1.75 -7.84	31.22 1.82 -3.80	26.80 1.76 0.00	25.02 1.48 -2.59	35.84 1.45 -16.46	40.11 1.70 -16.05	37.63 1.90 -10.79	52.62 1.85 -26.60	51.65 0.98 -37.70	35.48 3.01 0.00	41.32 3.35 -2.07	43.23 3.73 0.00	42.02 3.62 0.00	40.92 3.62 0.00	43.96 3.45 0.00	40.86 3.34 0.00	37.28 2.86 0.00	29.11 2.10 0.00
GRISSOM___SOLAR 323813	30.70 1.26 -12.23	41.07 0.16 -38.69	43.29 -0.41 -49.40	38.85 0.82 -26.59	34.66 1.22 -16.82	30.71 1.69 -7.82	39.91 2.43 -11.55	33.66 2.45 -5.60	26.74 1.70 0.00	23.66 0.54 -2.17	42.72 0.54 -24.25	47.24 1.23 -23.65	42.55 1.70 -15.91	65.41 2.05 -39.20	69.64 1.12 -55.55	35.50 3.03 0.00	42.94 3.99 -3.05	43.90 4.41 0.00	42.74 4.35 0.00	41.49 4.19 0.00	45.00 4.49 0.00	41.30 3.79 0.00	37.76 3.34 0.00	29.48 2.47 0.00
GROVEVILLE___HYD 323602	26.50 0.92 -8.37	28.81 0.12 -26.47	27.80 -0.31 -33.80	30.24 0.62 -18.19	29.12 0.99 -11.51	27.93 1.38 -5.35	35.65 1.82 -7.90	31.25 1.81 -3.84	26.77 1.72 0.00	23.73 1.43 -1.35	35.88 1.35 -16.60	40.17 1.63 -16.18	37.67 1.85 -10.89	52.78 1.80 -26.82	51.91 0.92 -38.01	35.31 2.85 0.00	41.22 3.24 -2.09	43.16 3.67 0.00	42.00 3.60 0.00	40.83 3.53 0.00	43.99 3.47 0.00	40.76 3.25 0.00	37.21 2.79 0.00	29.10 2.09 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	18.78 0.02 -1.55	7.12 0.00 -4.90	0.56 -0.02 -6.26	14.83 0.02 -3.37	18.78 0.02 -2.13	22.17 -0.02 -0.99	27.31 -0.09 -1.47	26.24 -0.08 -0.72	25.00 -0.04 0.00	21.17 -0.03 -0.25	20.95 -0.06 -3.08	25.30 -0.07 -3.01	26.87 -0.10 -2.02	28.59 -0.09 -4.52	19.62 -0.03 -6.68	32.49 0.02 0.00	36.15 -0.13 -0.39	39.40 -0.10 0.00	38.32 -0.07 0.00	37.23 -0.08 0.00	40.38 -0.13 0.00	37.36 -0.14 0.00	34.24 -0.18 0.00	26.88 -0.13 0.00
HAMLTNNY_34_KV_TB 80303	18.87 0.05 -1.61	7.29 -0.01 -5.08	0.76 -0.03 -6.48	14.97 0.05 -3.49	18.88 0.05 -2.21	22.26 0.04 -1.03	27.45 0.00 -1.52	26.39 0.04 -0.75	25.13 0.09 0.00	21.25 0.04 -0.26	21.10 -0.01 -3.19	25.44 -0.03 -3.11	27.00 -0.03 -2.09	28.88 -0.02 -4.73	19.94 0.01 -6.96	32.58 0.11 0.00	36.26 -0.03 -0.40	39.52 0.03 0.00	38.44 0.05 0.00	37.36 0.06 0.00	40.51 -0.01 0.00	37.48 -0.03 0.00	34.34 -0.08 0.00	26.98 -0.03 0.00
HAMPSHIRE___PAPER_HYD 323593	17.09 -0.68 -0.56	3.99 -0.01 -1.78	-3.19 0.24 -2.27	12.21 -0.45 -1.22	16.69 -0.70 -0.77	20.26 -1.30 -0.35	24.73 -1.70 -0.50	24.36 -1.50 -0.25	23.39 -1.65 0.00	19.34 -1.71 -0.09	-2.75 -1.90 18.77	-14.84 -2.10 35.10	7.42 -2.46 15.06	-25.79 -2.37 47.58	-26.64 -1.13 38.48	27.63 -1.31 3.54	41.04 -1.22 -6.36	44.92 -1.18 -6.61	43.55 -1.10 -6.26	42.44 -1.00 -6.14	45.91 -1.12 -6.51	42.64 -1.07 -6.20	38.84 -0.54 -4.96	30.89 -0.33 -4.20
HARDSCRABBLE_WT_PWR 323673	17.26 -0.19 -0.24	2.95 -0.02 -0.76	-4.68 0.05 -0.96	11.88 -0.07 -0.52	16.85 -0.10 -0.33	21.49 0.14 -0.15	26.53 0.38 -0.22	26.19 0.48 -0.11	25.31 0.27 0.00	20.94 -0.05 -0.04	19.75 -0.08 -1.90	25.43 0.00 -3.08	26.72 0.19 -1.58	27.52 0.23 -3.12	16.12 0.07 -3.09	34.34 0.63 -1.24	36.95 1.00 -0.05	40.82 1.33 0.00	39.89 1.50 0.00	38.79 1.50 0.00	41.89 1.37 0.00	38.55 1.04 0.00	35.12 0.70 0.00	27.58 0.56 0.00

HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	25.81 0.79 -7.80	27.00 0.10 -24.68	25.55 -0.26 -31.51	28.93 0.53 -16.96	28.23 0.87 -10.73	27.43 1.24 -4.99	34.94 1.64 -7.37	30.78 1.60 -3.58	26.54 1.50 0.00	21.92 1.22 0.26	34.58 1.17 -15.47	38.86 1.41 -15.09	36.66 1.57 -10.15	50.72 1.55 -25.01	49.22 0.81 -35.44	34.98 2.51 0.00	40.69 2.85 -1.95	42.72 3.22 0.00	41.57 3.17 0.00	40.42 3.12 0.00	43.58 3.07 0.00	40.39 2.87 0.00	36.87 2.45 0.00	28.81 1.80 0.00
HARSNRAD_115KV_TB1 81005	18.85 -0.31 -1.94	8.27 -0.10 -6.15	2.25 0.10 -7.85	15.38 -0.28 -4.22	18.87 -0.43 -2.67	21.74 -0.70 -1.24	26.80 -0.97 -1.84	25.25 -1.24 -0.89	24.12 -0.92 0.00	20.55 -0.72 -0.31	20.86 -0.89 -3.83	25.08 -1.01 -3.73	26.48 -0.97 -2.51	29.38 -0.96 -6.19	21.04 -0.66 -8.74	31.01 -1.46 0.00	34.04 -2.34 -0.48	36.81 -2.69 0.00	35.95 -2.44 0.00	34.93 -2.37 0.00	38.51 -2.01 0.00	35.54 -1.97 0.00	32.79 -1.63 0.00	26.17 -0.84 0.00
HARZA MOOSE__RIVER 24016	17.80 -0.01 -0.60	4.12 0.01 -1.89	-3.26 0.02 -2.41	12.74 0.00 -1.30	17.47 0.03 -0.82	21.61 0.04 -0.38	26.64 0.18 -0.54	26.13 0.26 -0.27	25.15 0.11 0.00	20.86 -0.19 -0.10	17.05 -0.47 0.41	20.29 -0.35 1.71	24.28 -0.56 0.11	18.25 -0.58 5.33	9.52 -0.21 3.24	34.02 -0.18 -1.74	37.94 0.02 -2.02	41.80 0.30 -2.00	40.62 0.34 -1.89	39.54 0.39 -1.86	42.67 0.18 -1.97	39.50 0.11 -1.88	36.21 0.29 -1.50	28.63 0.34 -1.27
HDSNBRDG_115KV_BRDG_TB1 355580	18.60 -0.09 -1.47	6.85 -0.03 -4.65	0.27 0.03 -5.94	14.57 -0.06 -3.20	18.54 -0.10 -2.02	21.93 -0.21 -0.94	26.99 -0.33 -1.39	25.93 -0.35 -0.68	24.75 -0.29 0.00	20.99 -0.20 -0.24	20.65 -0.20 -2.92	24.98 -0.23 -2.85	26.60 -0.26 -1.92	28.12 -0.25 -4.20	19.11 -0.13 -6.27	32.25 -0.22 0.00	35.81 -0.45 -0.37	39.02 -0.48 0.00	37.97 -0.42 0.00	36.87 -0.43 0.00	40.02 -0.50 0.00	37.01 -0.50 0.00	33.91 -0.51 0.00	26.64 -0.37 0.00
HELLGATE_13_KV_LD 55870	26.30 0.79 -8.30	28.58 0.10 -26.25	27.57 -0.25 -33.52	29.97 0.49 -18.04	28.87 0.83 -11.41	27.72 1.21 -5.31	35.45 1.68 -7.84	31.15 1.74 -3.80	26.71 1.67 0.00	24.96 1.41 -2.59	35.81 1.42 -16.46	40.06 1.65 -16.05	37.60 1.86 -10.79	52.57 1.80 -26.60	51.60 0.93 -37.70	35.37 2.90 0.00	41.22 3.25 -2.07	43.13 3.63 0.00	41.90 3.50 0.00	40.75 3.45 0.00	43.83 3.31 0.00	40.74 3.22 0.00	37.18 2.76 0.00	29.06 2.05 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	26.30 0.79 -8.30	28.58 0.10 -26.25	27.57 -0.25 -33.52	29.97 0.49 -18.04	28.87 0.83 -11.41	27.72 1.21 -5.31	35.45 1.68 -7.84	31.15 1.74 -3.80	26.71 1.67 0.00	24.96 1.41 -2.59	35.81 1.42 -16.46	40.06 1.65 -16.05	37.60 1.86 -10.79	52.57 1.80 -26.60	51.60 0.93 -37.70	35.37 2.90 0.00	41.22 3.25 -2.07	43.13 3.63 0.00	41.90 3.50 0.00	40.75 3.45 0.00	43.83 3.31 0.00	40.74 3.22 0.00	37.18 2.76 0.00	29.06 2.05 0.00
HEMPSTEAD____ 23647	26.53 1.01 -8.30	28.63 0.15 -26.26	27.50 -0.33 -33.52	30.08 0.59 -18.05	29.09 1.05 -11.42	28.62 1.61 -5.81	35.81 2.04 -7.84	31.38 1.97 -3.81	26.89 1.85 0.00	25.07 1.53 -2.58	36.67 1.56 -17.18	40.63 1.91 -16.37	59.43 2.12 -32.37	81.97 2.10 -55.70	69.96 1.06 -55.93	60.14 3.14 -24.54	82.31 3.56 -42.86	83.62 4.07 -40.05	98.13 3.90 -55.83	86.73 3.85 -45.58	61.40 3.81 -17.08	45.98 3.62 -4.85	50.94 3.14 -13.38	32.70 2.35 -3.34
HEWLETT__69_KV_BK3 55828	26.74 1.23 -8.30	28.65 0.18 -26.26	27.44 -0.39 -33.52	30.20 0.72 -18.05	29.27 1.23 -11.42	28.94 1.88 -5.86	36.11 2.34 -7.84	31.68 2.28 -3.81	27.17 2.12 0.00	25.30 1.76 -2.58	38.22 1.78 -18.51	41.56 2.18 -17.01	65.78 2.41 -38.43	83.01 2.41 -56.44	71.97 1.24 -57.75	69.04 3.56 -33.01	91.89 4.02 -51.97	117.63 4.67 -73.47	126.62 4.56 -83.66	123.97 4.46 -82.21	64.09 4.57 -19.00	47.09 4.18 -5.40	52.71 3.59 -14.70	33.43 2.71 -3.72
HICKLING____1 23621	20.08 0.12 -2.74	10.88 -0.02 -8.67	5.31 -0.07 -11.07	17.57 0.18 -5.96	20.72 0.32 -3.77	23.26 0.31 -1.76	28.97 0.45 -2.60	27.20 0.33 -1.27	25.36 0.32 0.00	21.54 0.14 -0.44	23.43 0.08 -5.42	27.82 0.17 -5.29	28.65 0.16 -3.56	33.13 0.21 -8.76	25.36 -0.02 -12.40	32.71 0.24 0.00	36.47 -0.11 -0.68	39.32 -0.18 0.00	38.50 0.11 0.00	37.39 0.09 0.00	40.89 0.38 0.00	38.00 0.49 0.00	34.99 0.57 0.00	27.64 0.63 0.00
HICKLING____2 23622	20.08 0.12 -2.74	10.88 -0.02 -8.67	5.31 -0.07 -11.07	17.57 0.18 -5.96	20.72 0.32 -3.77	23.26 0.31 -1.76	28.97 0.45 -2.60	27.20 0.33 -1.27	25.36 0.32 0.00	21.54 0.14 -0.44	23.43 0.08 -5.42	27.82 0.17 -5.29	28.65 0.16 -3.56	33.13 0.21 -8.76	25.36 -0.02 -12.40	32.71 0.24 0.00	36.47 -0.11 -0.68	39.32 -0.18 0.00	38.50 0.11 0.00	37.39 0.09 0.00	40.89 0.38 0.00	38.00 0.49 0.00	34.99 0.57 0.00	27.64 0.63 0.00
HIGH FALLS____HY 23754	26.40 0.87 -8.31	28.63 0.10 -26.31	27.60 -0.30 -33.59	30.12 0.61 -18.08	29.04 0.97 -11.44	27.87 1.35 -5.32	35.57 1.79 -7.86	31.21 1.80 -3.81	26.72 1.67 0.00	23.70 1.41 -1.34	35.67 1.25 -16.50	39.92 1.47 -16.08	37.39 1.63 -10.82	52.54 1.72 -26.66	51.60 0.84 -37.78	34.87 2.40 0.00	40.85 2.88 -2.08	42.83 3.34 0.00	41.69 3.30 0.00	40.55 3.25 0.00	43.75 3.23 0.00	40.75 3.24 0.00	37.16 2.74 0.00	28.99 1.98 0.00
HILLBURN____GT 23639	25.88 0.76 -7.91	27.32 0.09 -25.01	25.99 -0.25 -31.93	29.13 0.50 -17.19	28.34 0.84 -10.88	27.47 1.22 -5.06	35.00 1.61 -7.47	30.79 1.56 -3.63	26.47 1.43 0.00	21.64 1.17 0.48	34.76 1.15 -15.68	39.02 1.36 -15.29	36.75 1.52 -10.28	51.01 1.50 -25.34	49.65 0.76 -35.92	34.89 2.42 0.00	40.61 2.74 -1.97	42.59 3.09 0.00	41.44 3.04 0.00	40.31 3.01 0.00	43.44 2.92 0.00	40.29 2.77 0.00	36.76 2.34 0.00	28.74 1.73 0.00
HILLSIDE_115KV_TB1 80332	20.05 0.00 -2.84	11.16 -0.03 -8.97	5.74 -0.02 -11.46	17.68 0.08 -6.17	20.68 0.15 -3.90	23.10 0.09 -1.82	28.75 0.14 -2.69	26.95 0.04 -1.31	25.10 0.06 0.00	21.39 -0.02 -0.45	23.53 -0.01 -5.61	27.91 0.08 -5.47	28.62 0.00 -3.68	33.28 0.05 -9.07	25.70 -0.11 -12.83	32.47 0.00 0.00	36.22 -0.39 -0.70	39.07 -0.43 0.00	38.25 -0.14 0.00	37.15 -0.15 0.00	40.49 -0.02 0.00	37.63 0.12 0.00	34.62 0.20 0.00	27.32 0.31 0.00
HISHELDN_WT_PWR 323625	19.02 -0.35 -2.16	8.94 -0.10 -6.82	3.11 0.09 -8.71	15.91 -0.21 -4.69	19.34 -0.25 -2.97	22.11 -0.47 -1.38	27.32 -0.65 -2.04	25.67 -0.92 -0.99	24.29 -0.75 0.00	20.59 -0.70 -0.34	21.33 -0.84 -4.25	25.56 -0.95 -4.14	26.73 -1.00 -2.79	30.09 -0.94 -6.87	22.00 -0.67 -9.70	31.02 -1.45 0.00	34.21 -2.22 -0.53	36.95 -2.55 0.00	36.16 -2.23 0.00	35.23 -2.07 0.00	38.97 -1.55 0.00	36.15 -1.37 0.00	33.45 -0.97 0.00	26.58 -0.44 0.00
HOLTSVILLE_IC_1 23690	26.85 1.34 -8.30	28.68 0.21 -26.26	27.40 -0.43 -33.52	30.25 0.77 -18.05	29.38 1.34 -11.42	29.21 2.09 -5.93	36.40 2.64 -7.84	31.92 2.52 -3.81	27.32 2.28 0.00	25.44 1.91 -2.58	36.40 1.89 -16.59	40.74 2.29 -16.09	53.05 2.61 -25.50	89.07 2.68 -62.23	74.08 1.38 -59.73	52.47 3.87 -16.13	70.05 4.42 -29.73	92.27 5.16 -47.62	212.82 5.01 -169.41	97.21 4.90 -55.01	66.68 4.99 -21.17	48.15 4.63 -6.01	53.19 4.09 -14.68	34.20 3.05 -4.14

HOLTSVILLE_IC_10 23699	26.95 1.44 -8.30	28.69 0.22 -26.26	27.37 -0.46 -33.52	30.31 0.83 -18.05	29.46 1.43 -11.42	29.33 2.21 -5.92	36.57 2.80 -7.84	32.09 2.68 -3.81	27.49 2.45 0.00	25.57 2.03 -2.58	36.51 1.98 -16.60	40.87 2.41 -16.10	53.32 2.77 -25.61	89.14 2.85 -62.12	74.11 1.47 -59.67	52.85 4.11 -16.27	70.55 4.71 -29.94	89.25 5.49 -44.27	206.44 5.36 -162.69	96.66 5.24 -54.12	66.98 5.35 -21.11	48.44 4.94 -5.99	53.44 4.35 -14.66	34.37 3.24 -4.13
HOLTSVILLE_IC_2 23691	26.85 1.34 -8.30	28.68 0.21 -26.26	27.40 -0.43 -33.52	30.25 0.77 -18.05	29.38 1.34 -11.42	29.21 2.09 -5.93	36.40 2.64 -7.84	31.92 2.52 -3.81	27.32 2.28 0.00	25.44 1.91 -2.58	36.40 1.89 -16.59	40.74 2.29 -16.09	53.05 2.61 -25.50	89.07 2.68 -62.23	74.08 1.38 -59.73	52.47 3.87 -16.13	70.05 4.42 -29.73	92.27 5.16 -47.62	212.82 5.01 -169.41	97.21 4.90 -55.01	66.68 4.99 -21.17	48.15 4.63 -6.01	53.19 4.09 -14.68	34.20 3.05 -4.14
HOLTSVILLE_IC_3 23692	26.85 1.34 -8.30	28.68 0.21 -26.26	27.40 -0.43 -33.52	30.25 0.77 -18.05	29.38 1.34 -11.42	29.21 2.09 -5.93	36.40 2.64 -7.84	31.92 2.52 -3.81	27.32 2.28 0.00	25.44 1.91 -2.58	36.40 1.89 -16.59	40.74 2.29 -16.09	53.05 2.61 -25.50	89.07 2.68 -62.23	74.08 1.38 -59.73	52.47 3.87 -16.13	70.05 4.42 -29.73	92.27 5.16 -47.62	212.82 5.01 -169.41	97.21 4.90 -55.01	66.68 4.99 -21.17	48.15 4.63 -6.01	53.19 4.09 -14.68	34.20 3.05 -4.14
HOLTSVILLE_IC_4 23693	26.85 1.34 -8.30	28.68 0.21 -26.26	27.40 -0.43 -33.52	30.25 0.77 -18.05	29.38 1.34 -11.42	29.21 2.09 -5.93	36.40 2.64 -7.84	31.92 2.52 -3.81	27.32 2.28 0.00	25.44 1.91 -2.58	36.40 1.89 -16.59	40.74 2.29 -16.09	53.05 2.61 -25.50	89.07 2.68 -62.23	74.08 1.38 -59.73	52.47 3.87 -16.13	70.05 4.42 -29.73	92.27 5.16 -47.62	212.82 5.01 -169.41	97.21 4.90 -55.01	66.68 4.99 -21.17	48.15 4.63 -6.01	53.19 4.09 -14.68	34.20 3.05 -4.14
HOLTSVILLE_IC_5 23694	26.85 1.34 -8.30	28.68 0.21 -26.26	27.40 -0.43 -33.52	30.25 0.77 -18.05	29.38 1.34 -11.42	29.21 2.09 -5.93	36.40 2.64 -7.84	31.92 2.52 -3.81	27.32 2.28 0.00	25.44 1.91 -2.58	36.40 1.89 -16.59	40.74 2.29 -16.09	53.05 2.61 -25.50	89.07 2.68 -62.23	74.08 1.38 -59.73	52.47 3.87 -16.13	70.05 4.42 -29.73	92.27 5.16 -47.62	212.82 5.01 -169.41	97.21 4.90 -55.01	66.68 4.99 -21.17	48.15 4.63 -6.01	53.19 4.09 -14.68	34.20 3.05 -4.14
HOLTSVILLE_IC_6 23695	26.95 1.44 -8.30	28.69 0.22 -26.26	27.37 -0.46 -33.52	30.31 0.83 -18.05	29.46 1.43 -11.42	29.33 2.21 -5.92	36.57 2.80 -7.84	32.09 2.68 -3.81	27.49 2.45 0.00	25.57 2.03 -2.58	36.51 1.98 -16.60	40.87 2.41 -16.10	53.32 2.77 -25.61	89.14 2.85 -62.12	74.11 1.47 -59.67	52.85 4.11 -16.27	70.55 4.71 -29.94	89.25 5.49 -44.27	206.44 5.36 -162.69	96.66 5.24 -54.12	66.98 5.35 -21.11	48.44 4.94 -5.99	53.44 4.35 -14.66	34.37 3.24 -4.13
HOLTSVILLE_IC_7 23696	26.95 1.44 -8.30	28.69 0.22 -26.26	27.37 -0.46 -33.52	30.31 0.83 -18.05	29.46 1.43 -11.42	29.33 2.21 -5.92	36.57 2.80 -7.84	32.09 2.68 -3.81	27.49 2.45 0.00	25.57 2.03 -2.58	36.51 1.98 -16.60	40.87 2.41 -16.10	53.32 2.77 -25.61	89.14 2.85 -62.12	74.11 1.47 -59.67	52.85 4.11 -16.27	70.55 4.71 -29.94	89.25 5.49 -44.27	206.44 5.36 -162.69	96.66 5.24 -54.12	66.98 5.35 -21.11	48.44 4.94 -5.99	53.44 4.35 -14.66	34.37 3.24 -4.13
HOLTSVILLE_IC_8 23697	26.95 1.44 -8.30	28.69 0.22 -26.26	27.37 -0.46 -33.52	30.31 0.83 -18.05	29.46 1.43 -11.42	29.33 2.21 -5.92	36.57 2.80 -7.84	32.09 2.68 -3.81	27.49 2.45 0.00	25.57 2.03 -2.58	36.51 1.98 -16.60	40.87 2.41 -16.10	53.32 2.77 -25.61	89.14 2.85 -62.12	74.11 1.47 -59.67	52.85 4.11 -16.27	70.55 4.71 -29.94	89.25 5.49 -44.27	206.44 5.36 -162.69	96.66 5.24 -54.12	66.98 5.35 -21.11	48.44 4.94 -5.99	53.44 4.35 -14.66	34.37 3.24 -4.13
HOLTSVILLE_IC_9 23698	26.95 1.44 -8.30	28.69 0.22 -26.26	27.37 -0.46 -33.52	30.31 0.83 -18.05	29.46 1.43 -11.42	29.33 2.21 -5.92	36.57 2.80 -7.84	32.09 2.68 -3.81	27.49 2.45 0.00	25.57 2.03 -2.58	36.51 1.98 -16.60	40.87 2.41 -16.10	53.32 2.77 -25.61	89.14 2.85 -62.12	74.11 1.47 -59.67	52.85 4.11 -16.27	70.55 4.71 -29.94	89.25 5.49 -44.27	206.44 5.36 -162.69	96.66 5.24 -54.12	66.98 5.35 -21.11	48.44 4.94 -5.99	53.44 4.35 -14.66	34.37 3.24 -4.13
HOMER_HL_115KV_TB2 355744	20.28 0.91 -2.16	9.11 0.06 -6.83	2.73 -0.30 -8.72	16.72 0.59 -4.70	20.49 0.89 -2.97	23.53 0.95 -1.38	28.94 0.97 -2.04	27.32 0.73 -0.99	25.95 0.91 0.00	22.12 0.82 -0.34	22.72 0.55 -4.24	27.49 1.00 -4.13	28.87 1.15 -2.78	32.14 1.13 -6.85	23.02 0.37 -9.67	33.80 1.33 0.00	36.94 0.51 -0.53	40.01 0.51 0.00	39.16 0.77 0.00	38.10 0.80 0.00	41.79 1.27 0.00	38.72 1.21 0.00	35.88 1.46 0.00	28.36 1.35 0.00
HOWARD_WT_PWR 323690	18.77 -0.85 -2.40	9.65 -0.16 -7.59	4.14 0.14 -9.69	16.51 -0.14 -5.22	19.83 -0.10 -3.30	22.43 -0.30 -1.54	27.82 -0.38 -2.27	25.95 -0.77 -1.12	24.20 -0.84 0.00	20.29 -1.05 -0.39	21.56 -1.11 -4.74	25.55 -1.44 -4.63	26.51 -1.54 -3.11	30.40 -1.43 -7.67	22.98 -0.85 -10.85	30.66 -1.81 0.00	34.11 0.00 -0.60	36.57 -2.93 0.00	35.81 -2.59 0.00	35.09 -2.21 0.00	39.60 -0.92 0.00	36.99 -0.52 0.00	34.32 -0.10 0.00	27.22 0.21 0.00
HQ_GEN_CEDARS 23644	16.78 -0.77 -0.34	3.33 0.04 -1.07	-4.07 0.25 -1.37	11.65 -0.52 -0.74	16.15 -0.94 -0.46	19.45 -1.97 -0.22	23.44 -2.82 -0.33	23.25 -2.51 -0.16	22.49 -2.56 0.00	18.73 -2.29 -0.06	5.32 -2.32 10.29	0.41 -2.54 19.40	12.74 -2.85 9.35	-22.01 -2.65 43.52	-23.35 -1.27 35.05	32.02 -0.40 0.05	37.95 -0.45 -2.51	41.39 -0.77 -2.66	40.25 -0.76 -2.61	39.21 -0.65 -2.56	42.76 -0.47 -2.72	39.70 -0.40 -2.59	36.36 -0.13 -2.07	28.63 -0.14 -1.75
HQ_GEN_CEDARS_PROXY 323590	16.66 -0.77 -0.21	3.33 0.04 -1.07	-4.07 0.25 -1.37	11.65 -0.52 -0.74	16.15 -0.94 -0.46	19.45 -1.97 -0.22	23.44 -2.82 -0.33	23.23 -2.54 -0.16	22.49 -2.56 0.00	18.73 -2.29 -0.06	5.31 -2.33 10.29	0.41 -2.55 19.40	12.74 -2.86 9.35	-22.01 -2.65 43.52	-23.35 -1.27 35.05	32.02 -0.40 0.05	37.96 -0.45 -2.51	41.39 -0.77 -2.66	40.25 -0.76 -2.61	39.21 -0.65 -2.56	42.76 -0.47 -2.72	39.70 -0.40 -2.59	36.36 -0.13 -2.07	28.62 -0.14 -1.75
HQ_GEN_IMPORT 323601	17.22 0.00 0.00	2.22 0.00 0.00	-5.69 0.00 0.00	11.43 0.00 0.00	16.62 0.00 0.00	21.20 0.00 0.00	25.93 0.00 0.00	25.60 0.00 0.00	25.04 0.00 0.00	20.87 -0.14 -0.06	6.40 -2.46 9.07	2.34 -2.81 17.21	12.10 -3.13 9.71	-21.55 -2.90 42.81	-22.82 -1.45 34.34	31.42 -0.41 0.63	35.51 -0.39 0.00	39.00 -0.50 0.00	37.88 -0.51 0.00	36.80 -0.50 0.00	40.11 -0.40 0.00	37.16 -0.35 0.00	34.18 -0.24 0.00	26.79 -0.22 0.00
HQ_GEN_WHEEL 23651	17.22 0.00 0.00	2.22 0.00 0.00	-5.69 0.00 0.00	11.43 0.00 0.00	16.62 0.00 0.00	21.20 0.00 0.00	25.93 0.00 0.00	25.60 0.00 0.00	25.04 0.00 0.00	20.87 -0.14 -0.06	6.40 -2.46 9.07	2.34 -2.81 17.21	12.10 -3.13 9.71	-21.55 -2.90 42.81	-22.82 -1.45 34.34	31.42 -0.41 0.63	35.51 -0.39 0.00	39.00 -0.50 0.00	37.88 -0.51 0.00	36.80 -0.50 0.00	40.11 -0.40 0.00	37.16 -0.35 0.00	34.18 -0.24 0.00	26.79 -0.22 0.00

HUDSON AVE_GT_3 23810	26.34 0.83 -8.29	28.58 0.11 -26.25	27.56 -0.26 -33.51	29.99 0.51 -18.04	28.90 0.86 -11.41	27.76 1.25 -5.31	35.47 1.70 -7.84	31.16 1.75 -3.80	26.71 1.67 0.00	24.94 1.39 -2.59	35.77 1.38 -16.46	40.08 1.67 -16.05	37.58 1.85 -10.79	52.60 1.83 -26.60	51.61 0.93 -37.70	35.36 2.89 0.00	41.25 3.28 -2.07	43.15 3.65 0.00	41.90 3.51 0.00	40.74 3.44 0.00	43.83 3.32 0.00	40.68 3.16 0.00	37.15 2.73 0.00	29.05 2.04 0.00
HUDSON AVE_GT_4 23540	26.34 0.83 -8.29	28.58 0.11 -26.25	27.56 -0.26 -33.51	29.99 0.51 -18.04	28.90 0.86 -11.41	27.76 1.25 -5.31	35.47 1.70 -7.84	31.16 1.75 -3.80	26.71 1.67 0.00	24.94 1.39 -2.59	35.77 1.38 -16.46	40.08 1.67 -16.05	37.58 1.85 -10.79	52.60 1.83 -26.60	51.61 0.93 -37.70	35.36 2.89 0.00	41.25 3.28 -2.07	43.15 3.65 0.00	41.90 3.51 0.00	40.74 3.44 0.00	43.83 3.32 0.00	40.68 3.16 0.00	37.15 2.73 0.00	29.05 2.04 0.00
HUDSON AVE_GT_5 23657	26.34 0.83 -8.29	28.58 0.11 -26.25	27.56 -0.26 -33.51	29.99 0.51 -18.04	28.90 0.86 -11.41	27.76 1.25 -5.31	35.47 1.70 -7.84	31.16 1.75 -3.80	26.71 1.67 0.00	24.94 1.39 -2.59	35.77 1.38 -16.46	40.08 1.67 -16.05	37.58 1.85 -10.79	52.60 1.83 -26.60	51.61 0.93 -37.70	35.36 2.89 0.00	41.25 3.28 -2.07	43.15 3.65 0.00	41.90 3.51 0.00	40.74 3.44 0.00	43.83 3.32 0.00	40.68 3.16 0.00	37.15 2.73 0.00	29.05 2.04 0.00
HUDSON_AVE_10 24168	26.27 0.75 -8.29	28.57 0.10 -26.25	27.58 -0.24 -33.51	29.94 0.46 -18.04	28.83 0.79 -11.41	27.66 1.16 -5.31	35.36 1.59 -7.84	31.06 1.66 -3.80	26.61 1.57 0.00	24.85 1.31 -2.59	35.69 1.30 -16.46	39.99 1.58 -16.05	37.48 1.75 -10.79	52.48 1.72 -26.60	51.55 0.88 -37.70	35.22 2.75 0.00	41.10 3.14 -2.07	42.98 3.49 0.00	41.75 3.35 0.00	40.59 3.30 0.00	43.66 3.15 0.00	40.52 3.01 0.00	37.02 2.60 0.00	28.95 1.94 0.00
HUDSON___115KV_TB 4 355613	28.02 0.71 -10.10	34.27 0.10 -31.95	34.89 -0.20 -40.79	33.82 0.43 -21.96	31.20 0.68 -13.89	28.66 1.00 -6.46	36.76 1.30 -9.54	31.55 1.32 -4.63	26.31 1.27 0.00	23.73 0.91 -1.87	38.73 0.78 -20.03	42.85 0.96 -19.53	39.14 1.06 -13.13	57.55 1.02 -32.37	59.37 0.53 -45.87	34.41 1.95 0.00	40.74 2.33 -2.52	42.17 2.68 0.00	40.97 2.58 0.00	39.80 2.50 0.00	43.08 2.57 0.00	39.80 2.29 0.00	36.38 1.96 0.00	28.68 1.66 0.00
HUNTER MOUNT___DRP 323613	27.89 0.86 -9.81	33.40 0.13 -31.06	33.70 -0.26 -39.65	33.31 0.53 -21.34	30.96 0.83 -13.50	28.67 1.19 -6.28	36.75 1.55 -9.27	31.69 1.59 -4.50	26.58 1.54 0.00	23.79 1.06 -1.78	38.28 0.88 -19.47	42.45 1.10 -18.98	38.90 1.19 -12.77	56.77 1.14 -31.47	58.17 0.60 -44.60	34.73 2.26 0.00	41.11 2.76 -2.45	42.68 3.18 0.00	41.47 3.08 0.00	40.27 2.97 0.00	43.61 3.09 0.00	40.21 2.69 0.00	36.74 2.32 0.00	28.98 1.97 0.00
HUNTINGTON_RES_REC 323705	26.83 1.32 -8.30	28.67 0.20 -26.26	27.40 -0.43 -33.52	30.24 0.75 -18.05	29.37 1.32 -11.42	29.18 2.06 -5.92	36.37 2.60 -7.84	31.91 2.51 -3.81	27.33 2.29 0.00	25.43 1.89 -2.58	36.41 1.87 -16.61	40.74 2.28 -16.10	53.24 2.59 -25.72	88.86 2.68 -62.02	73.96 1.38 -59.61	52.72 3.85 -16.40	70.42 4.38 -30.14	81.97 5.13 -37.35	266.18 5.03 -222.76	106.27 4.91 -64.07	66.55 4.99 -21.04	48.09 4.61 -5.97	53.11 4.04 -14.64	34.13 3.01 -4.11
HUNTLEY___63 23557	18.99 -0.21 -1.98	8.39 -0.09 -6.26	2.37 0.07 -7.99	15.53 -0.21 -4.30	19.04 -0.31 -2.72	21.94 -0.53 -1.27	27.08 -0.72 -1.87	25.52 -0.98 -0.90	24.39 -0.65 0.00	20.79 -0.48 -0.32	21.13 -0.70 -3.89	25.39 -0.76 -3.80	26.79 -0.70 -2.55	29.76 -0.70 -6.30	21.33 -0.53 -8.89	31.35 -1.12 0.00	34.42 -1.96 -0.49	37.23 -2.26 0.00	36.38 -2.01 0.00	35.32 -1.98 0.00	38.85 -1.66 0.00	35.85 -1.66 0.00	33.07 -1.36 0.00	26.39 -0.62 0.00
HUNTLEY___64 23558	18.99 -0.21 -1.98	8.39 -0.09 -6.26	2.37 0.07 -7.99	15.53 -0.21 -4.30	19.04 -0.31 -2.72	21.94 -0.53 -1.27	27.08 -0.72 -1.87	25.52 -0.98 -0.90	24.39 -0.65 0.00	20.79 -0.48 -0.32	21.13 -0.70 -3.89	25.39 -0.76 -3.80	26.79 -0.70 -2.55	29.76 -0.70 -6.30	21.33 -0.53 -8.89	31.35 -1.12 0.00	34.42 -1.96 -0.49	37.23 -2.26 0.00	36.38 -2.01 0.00	35.32 -1.98 0.00	38.85 -1.66 0.00	35.85 -1.66 0.00	33.07 -1.36 0.00	26.39 -0.62 0.00
HUNTLEY___65 23559	18.99 -0.21 -1.98	8.39 -0.09 -6.26	2.37 0.07 -7.99	15.53 -0.21 -4.30	19.04 -0.31 -2.72	21.94 -0.53 -1.27	27.08 -0.72 -1.87	25.52 -0.98 -0.90	24.39 -0.65 0.00	20.79 -0.48 -0.32	21.13 -0.70 -3.89	25.39 -0.76 -3.80	26.79 -0.70 -2.55	29.76 -0.70 -6.30	21.33 -0.53 -8.89	31.35 -1.12 0.00	34.42 -1.96 -0.49	37.23 -2.26 0.00	36.38 -2.01 0.00	35.32 -1.98 0.00	38.85 -1.66 0.00	35.85 -1.66 0.00	33.07 -1.36 0.00	26.39 -0.62 0.00
HUNTLEY___66 23560	18.99 -0.21 -1.98	8.39 -0.09 -6.26	2.37 0.07 -7.99	15.53 -0.21 -4.30	19.04 -0.31 -2.72	21.94 -0.53 -1.27	27.08 -0.72 -1.87	25.52 -0.98 -0.90	24.39 -0.65 0.00	20.79 -0.48 -0.32	21.13 -0.70 -3.89	25.39 -0.76 -3.80	26.79 -0.70 -2.55	29.76 -0.70 -6.30	21.33 -0.53 -8.89	31.35 -1.12 0.00	34.42 -1.96 -0.49	37.23 -2.26 0.00	36.38 -2.01 0.00	35.32 -1.98 0.00	38.85 -1.66 0.00	35.85 -1.66 0.00	33.07 -1.36 0.00	26.39 -0.62 0.00
HUNTLEY___67 23561	18.94 -0.28 -2.00	8.46 -0.09 -6.34	2.49 0.09 -8.09	15.54 -0.25 -4.36	18.99 -0.39 -2.75	21.85 -0.63 -1.28	26.96 -0.87 -1.90	25.40 -1.12 -0.92	24.23 -0.81 0.00	20.66 -0.62 -0.32	21.07 -0.79 -3.94	25.34 -0.87 -3.84	26.70 -0.83 -2.59	29.72 -0.82 -6.37	21.36 -0.60 -8.99	31.17 -1.30 0.00	34.21 -2.18 -0.49	36.98 -2.52 0.00	36.13 -2.26 0.00	35.12 -2.18 0.00	38.61 -1.90 0.00	35.64 -1.87 0.00	32.91 -1.51 0.00	26.22 -0.79 0.00
HUNTLEY___68 23562	18.94 -0.28 -2.00	8.46 -0.09 -6.34	2.49 0.09 -8.09	15.54 -0.25 -4.36	18.99 -0.39 -2.75	21.85 -0.63 -1.28	26.96 -0.87 -1.90	25.40 -1.12 -0.92	24.23 -0.81 0.00	20.66 -0.62 -0.32	21.07 -0.79 -3.94	25.34 -0.87 -3.84	26.70 -0.83 -2.59	29.72 -0.82 -6.37	21.36 -0.60 -8.99	31.17 -1.30 0.00	34.21 -2.18 -0.49	36.98 -2.52 0.00	36.13 -2.26 0.00	35.12 -2.18 0.00	38.61 -1.90 0.00	35.64 -1.87 0.00	32.91 -1.51 0.00	26.22 -0.79 0.00
HYLAND___LFGE 323620	19.89 0.55 -2.13	8.97 0.03 -6.73	2.69 -0.21 -8.59	16.47 0.41 -4.63	20.20 0.66 -2.93	23.36 0.80 -1.36	29.08 1.14 -2.01	27.57 0.99 -0.98	26.05 1.01 0.00	22.00 0.70 -0.34	22.46 0.33 -4.20	26.95 0.49 -4.10	28.22 0.52 -2.76	31.56 0.61 -6.79	22.85 0.27 -9.62	33.44 0.97 0.00	37.14 0.72 -0.53	40.34 0.84 0.00	39.44 1.04 0.00	38.35 1.05 0.00	42.17 1.65 0.00	38.92 1.41 0.00	35.80 1.38 0.00	28.22 1.21 0.00
INDECK___CORINTH 23802	28.14 0.27 -10.66	35.98 0.03 -33.73	37.30 -0.07 -43.06	34.78 0.16 -23.18	31.57 0.28 -14.67	28.52 0.50 -6.82	36.81 0.81 -10.07	31.35 0.86 -4.89	25.81 0.77 0.00	23.47 0.52 -1.99	39.60 0.53 -21.14	43.62 0.64 -20.62	39.59 0.78 -13.87	59.15 0.82 -34.17	61.81 0.41 -48.43	33.92 1.45 0.00	40.43 1.87 -2.66	41.67 2.17 0.00	40.43 2.04 0.00	39.22 1.92 0.00	42.32 1.80 0.00	39.11 1.60 0.00	35.87 1.45 0.00	28.06 1.05 0.00



INDECK___ILION 23567	17.48 0.02 -0.24	2.98 0.01 -0.76	-4.74 -0.01 -0.96	11.99 0.03 -0.52	17.00 0.05 -0.33	21.53 0.18 -0.15	26.50 0.36 -0.22	26.11 0.40 -0.11	25.32 0.28 0.00	21.09 0.09 -0.04	19.90 0.07 -1.90	25.58 0.14 -3.08	26.75 0.23 -1.58	27.57 0.29 -3.12	16.19 0.13 -3.09	34.39 0.68 -1.24	36.86 0.91 -0.05	40.63 1.14 0.00	39.57 1.17 0.00	38.42 1.12 0.00	41.58 1.06 0.00	38.39 0.88 0.00	35.09 0.67 0.00	27.54 0.53 0.00
INDECK___OLEAN 23982	20.29 0.92 -2.16	9.11 0.06 -6.83	2.73 -0.30 -8.72	16.72 0.59 -4.70	20.49 0.90 -2.97	23.54 0.96 -1.38	28.95 0.98 -2.04	27.34 0.75 -0.99	25.96 0.92 0.00	22.12 0.83 -0.34	22.72 0.56 -4.24	27.53 1.04 -4.13	28.86 1.14 -2.78	32.14 1.13 -6.85	23.02 0.37 -9.67	33.80 1.33 0.00	36.94 0.51 -0.53	40.00 0.51 0.00	39.16 0.77 0.00	38.10 0.80 0.00	41.78 1.26 0.00	38.72 1.21 0.00	35.90 1.48 0.00	28.33 1.32 0.00
INDECK___OSWEGO 23783	18.18 -0.34 -1.30	6.30 -0.05 -4.13	-0.31 0.11 -5.27	14.05 -0.22 -2.84	18.07 -0.35 -1.79	21.52 -0.52 -0.84	26.49 -0.69 -1.25	25.55 -0.66 -0.61	24.43 -0.61 0.00	20.66 -0.50 -0.21	18.47 -0.46 -1.01	21.40 -0.59 0.37	24.55 -0.68 -0.29	24.27 -0.67 -0.78	15.75 -0.35 -3.13	30.93 -0.80 0.74	35.23 -0.99 -0.33	38.44 -1.06 0.00	37.39 -1.00 0.00	36.32 -0.98 0.00	39.41 -1.10 0.00	36.46 -1.05 0.00	33.42 -1.00 0.00	26.25 -0.76 0.00
INDECK___YERKES 23781	19.01 -0.19 -1.98	8.40 -0.08 -6.26	2.36 0.06 -7.99	15.54 -0.20 -4.30	19.07 -0.28 -2.72	21.98 -0.49 -1.27	27.12 -0.68 -1.87	25.56 -0.94 -0.90	24.43 -0.61 0.00	20.83 -0.44 -0.32	21.16 -0.66 -3.89	25.46 -0.70 -3.80	26.82 -0.68 -2.55	29.79 -0.67 -6.30	21.35 -0.51 -8.89	31.39 -1.09 0.00	34.46 -1.93 -0.49	37.26 -2.23 0.00	36.41 -1.98 0.00	35.36 -1.94 0.00	38.90 -1.62 0.00	35.89 -1.62 0.00	33.12 -1.30 0.00	26.39 -0.62 0.00
INDIAN POINT_GT_1 24139	26.18 0.75 -8.21	28.30 0.09 -25.99	27.24 -0.24 -33.18	29.78 0.48 -17.86	28.74 0.81 -11.30	27.63 1.17 -5.25	35.25 1.56 -7.76	30.91 1.54 -3.77	26.49 1.45 0.00	24.95 1.19 -2.81	35.39 1.17 -16.30	39.65 1.40 -15.89	37.19 1.57 -10.68	52.03 1.54 -26.33	51.07 0.77 -37.32	34.94 2.47 0.00	40.75 2.81 -2.05	42.66 3.16 0.00	41.49 3.10 0.00	40.35 3.05 0.00	43.46 2.95 0.00	40.31 2.80 0.00	36.81 2.39 0.00	28.78 1.77 0.00
INDIAN POINT_GT_2 23659	26.18 0.75 -8.21	28.30 0.09 -25.99	27.24 -0.24 -33.18	29.78 0.48 -17.86	28.74 0.81 -11.30	27.63 1.17 -5.25	35.25 1.56 -7.76	30.91 1.54 -3.77	26.49 1.45 0.00	24.95 1.19 -2.81	35.39 1.17 -16.30	39.65 1.40 -15.89	37.19 1.57 -10.68	52.03 1.54 -26.33	51.07 0.77 -37.32	34.94 2.47 0.00	40.75 2.81 -2.05	42.66 3.16 0.00	41.49 3.10 0.00	40.35 3.05 0.00	43.46 2.95 0.00	40.31 2.80 0.00	36.81 2.39 0.00	28.78 1.77 0.00
INDIAN POINT_GT_3 24019	26.18 0.75 -8.21	28.30 0.09 -25.99	27.24 -0.24 -33.18	29.78 0.48 -17.86	28.74 0.81 -11.30	27.63 1.17 -5.25	35.25 1.56 -7.76	30.91 1.54 -3.77	26.49 1.45 0.00	24.95 1.19 -2.81	35.39 1.17 -16.30	39.65 1.40 -15.89	37.19 1.57 -10.68	52.03 1.54 -26.33	51.07 0.77 -37.32	34.94 2.47 0.00	40.75 2.81 -2.05	42.66 3.16 0.00	41.49 3.10 0.00	40.35 3.05 0.00	43.46 2.95 0.00	40.31 2.80 0.00	36.81 2.39 0.00	28.78 1.77 0.00
INDIAN POINT___2 23530	26.05 0.73 -8.10	27.94 0.09 -25.63	26.79 -0.24 -32.72	29.53 0.48 -17.62	28.57 0.80 -11.14	27.55 1.16 -5.18	35.12 1.54 -7.65	30.84 1.52 -3.71	26.45 1.41 0.00	25.42 1.16 -3.31	35.14 1.14 -16.07	39.39 1.36 -15.67	37.01 1.52 -10.54	51.62 1.49 -25.97	50.53 0.75 -36.81	34.88 2.41 0.00	40.65 2.73 -2.02	42.57 3.08 0.00	41.41 3.02 0.00	40.27 2.98 0.00	43.39 2.87 0.00	40.25 2.74 0.00	36.75 2.33 0.00	28.74 1.73 0.00
INDIAN POINT___3 23531	26.17 0.74 -8.22	28.32 0.09 -26.00	27.26 -0.24 -33.20	29.79 0.48 -17.87	28.74 0.80 -11.31	27.62 1.16 -5.26	35.23 1.54 -7.77	30.89 1.52 -3.77	26.45 1.41 0.00	24.96 1.16 -2.85	35.38 1.15 -16.30	39.62 1.36 -15.90	37.16 1.53 -10.69	52.02 1.50 -26.35	51.08 0.76 -37.34	34.89 2.41 0.00	40.69 2.74 -2.05	42.58 3.09 0.00	41.42 3.03 0.00	40.28 2.98 0.00	43.39 2.87 0.00	40.25 2.74 0.00	36.76 2.34 0.00	28.75 1.74 0.00
INGHAM_C_115KV_TB7 356103	17.45 0.00 -0.24	2.98 0.00 -0.76	-4.74 -0.01 -0.96	12.00 0.05 -0.52	17.03 0.08 -0.33	21.71 0.36 -0.15	26.85 0.70 -0.22	26.50 0.79 -0.11	25.56 0.52 0.00	21.14 0.15 -0.04	19.97 0.14 -1.90	25.71 0.28 -3.08	26.99 0.46 -1.58	27.88 0.60 -3.12	16.32 0.27 -3.09	34.93 1.22 -1.24	37.63 1.69 -0.05	41.59 2.09 0.00	40.57 2.18 0.00	39.40 2.10 0.00	42.48 1.97 0.00	39.13 1.62 0.00	35.59 1.17 0.00	27.93 0.92 0.00
IP CORINTH___1 23988	28.24 0.37 -10.66	35.99 0.05 -33.73	37.27 -0.10 -43.06	34.84 0.23 -23.18	31.67 0.38 -14.67	28.64 0.62 -6.82	36.97 0.97 -10.07	31.51 1.02 -4.89	25.96 0.92 0.00	23.59 0.65 -1.99	39.70 0.63 -21.14	43.75 0.78 -20.62	39.74 0.93 -13.87	59.30 0.97 -34.17	61.89 0.49 -48.43	34.11 1.64 0.00	40.63 2.08 -2.66	41.90 2.40 0.00	40.66 2.27 0.00	39.44 2.14 0.00	42.56 2.05 0.00	39.33 1.82 0.00	36.07 1.65 0.00	28.22 1.21 0.00
IP___TICONDEROGA 23804	28.79 0.93 -10.64	36.02 0.12 -33.68	37.06 -0.25 -43.00	35.18 0.59 -23.15	32.20 0.93 -14.65	29.47 1.46 -6.81	38.15 2.17 -10.06	32.67 2.19 -4.88	27.09 2.05 0.00	24.49 1.55 -1.99	40.54 1.50 -21.12	44.69 1.74 -20.59	40.85 2.06 -13.85	60.46 2.17 -34.12	62.36 1.02 -48.37	35.79 3.32 0.00	42.77 4.22 -2.66	44.35 4.86 0.00	42.77 4.37 0.00	41.38 4.08 0.00	44.44 3.92 0.00	41.06 3.55 0.00	37.73 3.31 0.00	29.46 2.44 0.00
ISLIP_RES_REC 323679	27.04 1.52 -8.30	28.71 0.23 -26.26	27.34 -0.49 -33.52	30.37 0.89 -18.05	29.55 1.51 -11.42	29.43 2.30 -5.92	36.70 2.93 -7.84	32.23 2.82 -3.81	27.62 2.58 0.00	25.67 2.14 -2.58	36.60 2.07 -16.61	40.97 2.52 -16.10	53.52 2.90 -25.68	89.21 2.99 -62.06	74.15 1.55 -59.64	53.13 4.30 -16.36	70.92 4.94 -30.08	88.36 5.76 -43.10	197.53 5.62 -153.51	95.55 5.50 -52.76	67.21 5.62 -21.07	48.66 5.17 -5.98	53.62 4.55 -14.65	34.51 3.38 -4.12
JAMAICA__27_KV_LOAD 355505	26.35 0.84 -8.29	28.58 0.11 -26.25	27.56 -0.27 -33.51	29.99 0.51 -18.04	28.90 0.86 -11.41	27.75 1.25 -5.31	35.51 1.74 -7.84	31.24 1.83 -3.80	26.77 1.73 0.00	24.97 1.43 -2.59	35.80 1.41 -16.46	40.13 1.72 -16.05	37.60 1.87 -10.79	52.62 1.85 -26.60	51.63 0.96 -37.70	35.41 2.95 0.00	41.36 3.39 -2.07	43.26 3.76 0.00	42.01 3.61 0.00	40.87 3.57 0.00	43.93 3.42 0.00	40.77 3.26 0.00	37.27 2.85 0.00	29.14 2.12 0.00
JANIS___SOLAR 323808	20.87 0.73 -2.93	11.55 0.08 -9.26	5.86 -0.27 -11.82	18.32 0.53 -6.36	21.46 0.80 -4.03	24.14 1.07 -1.87	30.11 1.41 -2.77	28.47 1.51 -1.35	26.66 1.62 0.00	22.60 1.18 -0.47	24.62 0.87 -5.82	29.01 0.97 -5.68	29.96 1.20 -3.82	34.64 1.07 -9.41	26.93 0.63 -13.33	34.46 1.99 0.00	38.88 2.26 -0.73	42.17 2.68 0.00	40.92 2.52 0.00	39.65 2.35 0.00	43.03 2.51 0.00	39.72 2.21 0.00	36.31 1.89 0.00	28.50 1.49 0.00

JARVIS____ 23743	17.43 -0.03 -0.24	2.98 0.00 -0.76	-4.72 0.01 -0.96	11.93 -0.02 -0.52	16.92 -0.03 -0.33	21.33 -0.02 -0.15	26.16 0.01 -0.22	25.73 0.02 -0.11	25.04 0.00 0.00	20.96 -0.03 -0.04	19.79 -0.04 -1.90	25.40 -0.03 -3.08	26.48 -0.04 -1.58	27.25 -0.04 -3.12	16.03 -0.03 -3.09	33.86 0.14 -1.24	36.15 0.20 -0.05	39.77 0.27 0.00	38.67 0.27 0.00	37.56 0.26 0.00	40.74 0.23 0.00	37.70 0.19 0.00	34.59 0.17 0.00	27.16 0.15 0.00
JENNISON____1 23625	21.42 0.56 -3.65	13.80 0.05 -11.53	8.80 -0.23 -14.72	19.84 0.47 -7.93	22.41 0.77 -5.01	24.62 1.09 -2.33	30.74 1.37 -3.45	28.87 1.60 -1.68	27.00 1.96 0.00	22.81 1.47 -0.39	26.37 1.18 -7.27	30.81 1.36 -7.09	31.31 1.60 -4.77	37.41 1.50 -11.75	30.43 0.82 -16.64	35.06 2.59 0.00	39.59 2.78 -0.91	42.73 3.24 0.00	41.22 2.83 0.00	39.74 2.44 0.00	43.10 2.58 0.00	39.90 2.39 0.00	36.50 2.08 0.00	28.59 1.58 0.00
JENNISON____2 23626	21.42 0.56 -3.65	13.80 0.05 -11.53	8.80 -0.23 -14.72	19.84 0.47 -7.93	22.41 0.77 -5.01	24.62 1.09 -2.33	30.74 1.37 -3.45	28.87 1.60 -1.68	27.00 1.96 0.00	22.81 1.47 -0.39	26.37 1.18 -7.27	30.81 1.36 -7.09	31.31 1.60 -4.77	37.41 1.50 -11.75	30.43 0.82 -16.64	35.06 2.59 0.00	39.59 2.78 -0.91	42.73 3.24 0.00	41.22 2.83 0.00	39.74 2.44 0.00	43.10 2.58 0.00	39.90 2.39 0.00	36.50 2.08 0.00	28.59 1.58 0.00
JERICHO_RISE_WT_PWR 323719	16.61 -0.92 -0.32	3.28 0.06 -1.00	-4.04 0.37 -1.28	11.41 -0.71 -0.69	15.94 -1.12 -0.43	19.21 -2.20 -0.21	23.13 -3.11 -0.31	23.20 -2.56 -0.16	22.23 -2.82 0.00	18.30 -2.72 -0.06	-3.45 -2.94 18.44	-17.20 -3.46 36.10	-23.72 -3.75 44.91	-23.07 -3.20 44.04	-23.98 -1.54 35.42	-25.91 -1.51 56.87	-25.52 -1.45 59.96	-25.78 -1.83 63.44	-25.68 -1.85 62.22	-25.55 -1.78 61.06	-25.85 -1.60 64.77	-25.58 -1.43 61.66	-15.99 -1.13 49.28	-15.77 -1.02 41.77
KATONAH____115KV_46KV_TB4 355592	26.49 0.87 -8.41	28.94 0.11 -26.61	27.99 -0.28 -33.97	30.29 0.56 -18.29	29.12 0.93 -11.57	27.91 1.33 -5.38	35.64 1.77 -7.94	31.23 1.78 -3.85	26.73 1.69 0.00	24.48 1.42 -2.11	35.96 1.35 -16.68	40.25 1.63 -16.27	37.71 1.83 -10.94	52.91 1.79 -26.96	52.09 0.90 -38.21	35.27 2.80 0.00	41.20 3.21 -2.10	43.13 3.64 0.00	41.93 3.54 0.00	40.79 3.49 0.00	43.92 3.40 0.00	40.71 3.20 0.00	37.17 2.75 0.00	29.05 2.04 0.00
KCE_NY_1 323755	28.58 0.74 -10.63	35.95 0.09 -33.63	37.02 -0.23 -42.94	35.03 0.47 -23.12	31.97 0.72 -14.63	29.04 1.04 -6.80	37.39 1.41 -10.04	31.89 1.42 -4.87	26.37 1.33 0.00	23.95 1.01 -1.99	39.94 0.92 -21.09	44.09 1.17 -20.56	40.12 1.35 -13.83	59.61 1.37 -34.08	61.97 0.70 -48.30	34.65 2.18 0.00	41.11 2.56 -2.65	42.39 2.89 0.00	41.17 2.77 0.00	40.00 2.70 0.00	43.23 2.71 0.00	39.95 2.44 0.00	36.58 2.17 0.00	28.66 1.64 0.00
KCE_NY_6_ESR 323823	19.27 0.01 -2.05	8.64 -0.05 -6.47	2.57 0.00 -8.27	15.83 -0.05 -4.45	19.36 -0.08 -2.82	22.28 -0.22 -1.31	27.53 -0.34 -1.94	25.96 -0.58 -0.94	24.75 -0.29 0.00	21.08 -0.20 -0.33	21.52 -0.43 -4.02	25.90 -0.39 -3.93	27.20 -0.38 -2.64	30.31 -0.36 -6.51	21.78 -0.38 -9.19	31.76 -0.71 0.00	34.87 -1.53 -0.51	37.74 -1.76 0.00	36.92 -1.48 0.00	35.89 -1.41 0.00	39.46 -1.06 0.00	36.48 -1.03 0.00	33.70 -0.72 0.00	26.75 -0.26 0.00
KEDC_PORT_JEFF_GT2 24210	26.91 1.40 -8.30	28.69 0.21 -26.26	27.38 -0.45 -33.52	30.29 0.81 -18.05	29.43 1.39 -11.42	29.29 2.17 -5.92	36.51 2.74 -7.84	32.04 2.64 -3.81	27.44 2.40 0.00	25.53 1.99 -2.58	36.47 1.95 -16.60	40.83 2.38 -16.09	53.23 2.71 -25.58	89.12 2.80 -62.15	74.11 1.44 -59.69	52.72 4.03 -16.23	70.40 4.62 -29.88	89.67 5.31 -44.86	215.30 5.25 -171.66	97.96 5.15 -55.52	66.89 5.24 -21.13	48.36 4.85 -6.00	53.36 4.27 -14.67	34.32 3.18 -4.13
KEDC_PORT_JEFF_GT3 24211	26.91 1.40 -8.30	28.69 0.21 -26.26	27.38 -0.45 -33.52	30.29 0.81 -18.05	29.43 1.39 -11.42	29.29 2.17 -5.92	36.51 2.74 -7.84	32.04 2.64 -3.81	27.44 2.40 0.00	25.53 1.99 -2.58	36.47 1.95 -16.60	40.83 2.38 -16.09	53.23 2.71 -25.58	89.12 2.80 -62.15	74.11 1.44 -59.69	52.72 4.03 -16.23	70.40 4.62 -29.88	89.67 5.31 -44.86	215.30 5.25 -171.66	97.96 5.15 -55.52	66.89 5.24 -21.13	48.36 4.85 -6.00	53.36 4.27 -14.67	34.32 3.18 -4.13
KEDC_GLWD_GT4 24219	26.54 1.02 -8.30	28.62 0.14 -26.26	27.50 -0.33 -33.52	30.10 0.62 -18.05	29.10 1.06 -11.42	28.52 1.58 -5.74	35.79 2.02 -7.84	31.33 1.93 -3.81	26.93 1.89 0.00	25.11 1.57 -2.58	36.66 1.57 -17.16	40.62 1.91 -16.35	61.66 2.13 -34.60	79.00 2.03 -52.81	67.99 1.02 -54.00	62.57 3.13 -26.97	87.18 3.54 -47.74	82.41 3.96 -38.95	93.17 3.94 -50.83	82.96 3.86 -41.80	59.17 3.69 -14.96	45.25 3.48 -4.25	50.14 3.03 -12.70	32.28 2.35 -2.92
KEDC_GLWD_GT5 24220	26.54 1.02 -8.30	28.62 0.14 -26.26	27.50 -0.33 -33.52	30.10 0.62 -18.05	29.10 1.06 -11.42	28.52 1.58 -5.74	35.79 2.02 -7.84	31.33 1.93 -3.81	26.93 1.89 0.00	25.11 1.57 -2.58	36.66 1.57 -17.16	40.62 1.91 -16.35	61.66 2.13 -34.60	79.00 2.03 -52.81	67.99 1.02 -54.00	62.57 3.13 -26.97	87.18 3.54 -47.74	82.41 3.96 -38.95	93.17 3.94 -50.83	82.96 3.86 -41.80	59.17 3.69 -14.96	45.25 3.48 -4.25	50.14 3.03 -12.70	32.28 2.35 -2.92
KENSICO____ 23655	26.28 0.78 -8.28	28.52 0.10 -26.20	27.50 -0.26 -33.45	29.94 0.50 -18.01	28.85 0.84 -11.39	27.71 1.22 -5.30	35.37 1.62 -7.82	31.02 1.62 -3.80	26.57 1.53 0.00	24.90 1.27 -2.68	35.60 1.24 -16.43	39.87 1.49 -16.02	37.39 1.67 -10.77	52.34 1.64 -26.55	51.43 0.83 -37.63	35.08 2.61 0.00	40.92 2.96 -2.07	42.82 3.33 0.00	41.64 3.25 0.00	40.49 3.19 0.00	43.60 3.09 0.00	40.45 2.94 0.00	36.94 2.52 0.00	28.89 1.88 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	25.91 0.90 -7.80	27.01 0.11 -24.68	25.51 -0.31 -31.51	29.01 0.62 -16.96	28.35 0.99 -10.73	27.57 1.38 -4.99	35.15 1.85 -7.37	31.03 1.86 -3.58	26.76 1.72 0.00	23.43 1.44 -1.04	34.68 1.28 -15.48	38.98 1.53 -15.09	36.77 1.68 -10.15	50.94 1.77 -25.01	49.28 0.86 -35.45	34.88 2.41 0.00	40.77 2.93 -1.95	42.90 3.40 0.00	41.75 3.35 0.00	40.60 3.30 0.00	43.79 3.28 0.00	40.86 3.34 0.00	37.25 2.83 0.00	29.08 2.07 0.00
KIAC_JFK_GT1 23816	26.30 0.79 -8.29	28.57 0.10 -26.25	27.58 -0.24 -33.51	29.95 0.48 -18.04	28.84 0.80 -11.41	27.67 1.17 -5.31	35.41 1.65 -7.84	31.13 1.73 -3.80	26.67 1.63 0.00	24.90 1.35 -2.59	35.74 1.35 -16.46	40.05 1.64 -16.05	37.51 1.78 -10.79	52.53 1.77 -26.60	51.58 0.91 -37.70	35.29 2.82 0.00	41.21 3.24 -2.07	43.10 3.60 0.00	41.84 3.44 0.00	40.71 3.41 0.00	43.76 3.25 0.00	40.61 3.10 0.00	37.13 2.71 0.00	29.03 2.02 0.00
KIAC_JFK_GT2 23817	26.30 0.79 -8.29	28.57 0.10 -26.25	27.58 -0.24 -33.51	29.95 0.48 -18.04	28.84 0.80 -11.41	27.67 1.17 -5.31	35.41 1.65 -7.84	31.13 1.73 -3.80	26.67 1.63 0.00	24.90 1.35 -2.59	35.74 1.35 -16.46	40.05 1.64 -16.05	37.51 1.78 -10.79	52.53 1.77 -26.60	51.58 0.91 -37.70	35.29 2.82 0.00	41.21 3.24 -2.07	43.10 3.60 0.00	41.84 3.44 0.00	40.71 3.41 0.00	43.76 3.25 0.00	40.61 3.10 0.00	37.13 2.71 0.00	29.03 2.02 0.00

KIAC_JFK____ 323774	26.30 0.79 -8.29	28.57 0.10 -26.25	27.58 -0.24 -33.51	29.95 0.48 -18.04	28.84 0.80 -11.41	27.67 1.17 -5.31	35.42 1.65 -7.84	31.14 1.73 -3.80	26.67 1.63 0.00	24.90 1.35 -2.59	35.74 1.35 -16.46	40.05 1.64 -16.05	37.51 1.78 -10.79	52.53 1.76 -26.60	51.58 0.91 -37.70	35.29 2.82 0.00	41.21 3.24 -2.07	43.09 3.60 0.00	41.84 3.45 0.00	40.71 3.40 0.00	43.76 3.24 0.00	40.61 3.10 0.00	37.12 2.70 0.00	29.04 2.03 0.00
KINTIGH____ 23543	18.65 -0.41 -1.85	7.96 -0.10 -5.84	1.91 0.14 -7.46	15.11 -0.34 -4.02	18.65 -0.51 -2.54	21.63 -0.76 -1.18	26.64 -1.04 -1.75	25.18 -1.27 -0.84	24.03 -1.01 0.00	20.48 -0.77 -0.30	20.72 -0.85 -3.64	24.96 -0.95 -3.55	26.44 -0.90 -2.39	29.17 -0.88 -5.89	20.73 -0.60 -8.36	31.11 -1.36 0.00	34.19 -2.16 -0.46	37.00 -2.50 0.00	36.11 -2.29 0.00	35.09 -2.21 0.00	38.45 -2.07 0.00	35.49 -2.03 0.00	32.72 -1.70 0.00	26.01 -1.01 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	16.91 -0.61 -0.31	3.29 0.09 -0.98	-4.18 0.26 -1.25	11.60 -0.51 -0.67	16.23 -0.82 -0.42	19.60 -1.81 -0.20	23.60 -2.64 -0.30	23.91 -1.85 -0.16	22.91 -2.14 0.00	18.85 -2.17 -0.06	-2.59 -2.47 18.05	-15.80 -2.83 35.33	-21.95 -3.05 43.85	-22.30 -2.52 43.94	-23.51 -1.15 35.33	-23.22 -0.52 55.17	-22.60 -0.25 58.24	-22.51 -0.38 61.63	-22.44 -0.39 60.44	-22.38 -0.36 59.32	-22.49 -0.09 62.91	-22.61 -0.22 59.90	-13.56 -0.10 47.87	-13.91 -0.35 40.57
LACHUTE____HYDRO 323717	28.79 0.93 -10.64	36.02 0.12 -33.68	37.06 -0.25 -43.00	35.18 0.59 -23.15	32.20 0.93 -14.65	29.47 1.46 -6.81	38.16 2.17 -10.06	32.67 2.19 -4.88	27.09 2.05 0.00	24.50 1.55 -1.99	40.54 1.50 -21.12	44.69 1.74 -20.59	40.85 2.06 -13.85	60.46 2.17 -34.12	62.36 1.02 -48.37	35.79 3.32 0.00	42.77 4.22 -2.66	44.35 4.86 0.00	42.77 4.38 0.00	41.38 4.08 0.00	44.44 3.92 0.00	41.06 3.55 0.00	37.73 3.31 0.00	29.46 2.45 0.00
LAWRNCV_115KV_TB1 80681	16.82 -0.80 -0.40	3.51 0.03 -1.26	-3.81 0.27 -1.61	11.75 -0.55 -0.86	16.23 -0.94 -0.55	19.49 -1.96 -0.26	23.48 -2.82 -0.37	23.30 -2.49 -0.19	22.46 -2.58 0.00	18.66 -2.36 -0.07	3.35 -2.40 12.18	-3.09 -2.65 22.81	13.03 -2.99 8.92	-23.24 -2.78 44.62	-24.30 -1.35 35.92	34.05 -0.94 -2.52	42.42 -0.96 -7.48	46.09 -1.25 -7.84	44.66 -1.18 -7.45	43.53 -1.08 -7.31	47.31 -0.96 -7.75	44.05 -0.85 -7.38	39.98 -0.34 -5.90	31.76 -0.25 -5.00
LEDERLE____ 23769	26.01 0.81 -7.99	27.59 0.10 -25.27	26.31 -0.27 -32.27	29.34 0.53 -17.37	28.50 0.89 -10.99	27.59 1.28 -5.11	35.16 1.68 -7.55	30.89 1.63 -3.66	26.55 1.51 0.00	21.52 1.23 0.66	34.97 1.20 -15.85	39.24 1.43 -15.45	36.93 1.60 -10.39	51.34 1.57 -25.61	50.07 0.80 -36.30	34.99 2.52 0.00	40.75 2.86 -1.99	42.72 3.22 0.00	41.56 3.16 0.00	40.42 3.12 0.00	43.55 3.04 0.00	40.40 2.89 0.00	36.87 2.45 0.00	28.82 1.80 0.00
LIGHTHSE_115KV_TB6 355974	18.15 -0.29 -1.22	6.05 -0.03 -3.86	-0.66 0.10 -4.93	13.92 -0.18 -2.66	18.02 -0.28 -1.68	21.54 -0.45 -0.79	26.57 -0.56 -1.20	25.67 -0.51 -0.58	24.52 -0.52 0.00	20.63 -0.53 -0.20	15.22 -0.57 2.14	15.71 -0.65 6.00	21.68 -0.79 2.48	17.95 -0.77 5.44	10.38 -0.42 2.17	29.37 -0.81 2.30	35.23 -0.98 -0.31	38.57 -0.92 0.00	37.50 -0.89 0.00	36.43 -0.87 0.00	39.50 -1.01 0.00	36.50 -1.01 0.00	33.53 -0.89 0.00	26.37 -0.64 0.00
LINDEN COGEN____ 23786	26.19 0.68 -8.29	28.56 0.09 -26.25	27.60 -0.22 -33.51	29.90 0.42 -18.04	28.78 0.74 -11.41	27.61 1.10 -5.31	35.27 1.50 -7.84	30.96 1.55 -3.80	26.49 1.45 0.00	24.75 1.21 -2.59	35.60 1.22 -16.46	39.87 1.46 -16.05	37.36 1.62 -10.79	52.33 1.59 -26.58	51.48 0.81 -37.70	35.06 2.59 0.00	40.90 2.94 -2.07	42.76 3.26 0.00	41.55 3.15 0.00	40.41 3.11 0.00	43.46 2.95 0.00	40.35 2.84 0.00	36.85 2.43 0.00	28.84 1.82 0.00
LINDHRST_69_KV_BK1 356055	26.86 1.34 -8.30	28.68 0.20 -26.26	27.40 -0.43 -33.52	30.26 0.78 -18.05	29.39 1.35 -11.42	29.17 2.07 -5.90	36.38 2.62 -7.84	31.96 2.55 -3.81	27.38 2.34 0.00	25.46 1.93 -2.58	36.62 1.90 -16.79	40.87 2.32 -16.18	54.94 2.62 -27.37	87.40 2.68 -60.55	73.13 1.36 -58.80	54.77 3.83 -18.47	73.46 4.35 -33.21	77.72 5.02 -33.21	108.60 4.87 -65.34	83.62 4.78 -41.55	65.66 4.96 -20.18	47.79 4.55 -5.73	52.83 4.04 -14.37	33.95 2.99 -3.95
LIPA_MISC_IPP 23656	26.92 1.41 -8.30	28.69 0.22 -26.26	27.38 -0.45 -33.52	30.29 0.81 -18.05	29.44 1.41 -11.42	29.31 2.18 -5.93	36.53 2.76 -7.84	32.03 2.63 -3.81	27.40 2.36 0.00	25.51 1.98 -2.58	36.46 1.94 -16.59	40.79 2.34 -16.09	53.15 2.69 -25.51	89.15 2.78 -62.21	74.13 1.44 -59.72	52.65 4.02 -16.15	70.29 4.62 -29.76	92.00 5.42 -47.08	212.15 5.29 -168.46	97.36 5.16 -54.89	67.02 5.34 -21.16	48.37 4.85 -6.01	53.40 4.30 -14.68	34.35 3.20 -4.14
LISF____SOLAR 323691	26.95 1.44 -8.30	28.70 0.22 -26.26	27.37 -0.46 -33.52	30.31 0.83 -18.05	29.47 1.43 -11.42	29.34 2.22 -5.93	36.59 2.82 -7.84	32.08 2.68 -3.81	27.45 2.41 0.00	25.54 2.00 -2.58	36.47 1.95 -16.59	40.81 2.36 -16.09	53.21 2.73 -25.54	89.19 2.83 -62.19	74.15 1.47 -59.71	52.75 4.10 -16.18	70.43 4.73 -29.80	91.51 5.54 -46.47	211.03 5.40 -167.24	97.29 5.26 -54.73	67.03 5.36 -21.15	48.46 4.95 -6.00	53.47 4.37 -14.68	34.41 3.26 -4.14
LITTLE FALLS____HYD 24013	17.45 0.00 -0.24	2.98 0.00 -0.76	-4.74 -0.01 -0.96	12.00 0.05 -0.52	17.03 0.08 -0.33	21.71 0.36 -0.15	26.85 0.70 -0.22	26.50 0.79 -0.11	25.56 0.52 0.00	21.14 0.15 -0.04	19.97 0.14 -1.90	25.71 0.28 -3.08	26.99 0.46 -1.58	27.88 0.60 -3.12	16.32 0.27 -3.09	34.93 1.22 -1.24	37.63 1.69 -0.05	41.59 2.09 0.00	40.57 2.18 0.00	39.40 2.10 0.00	42.48 1.97 0.00	39.13 1.62 0.00	35.59 1.17 0.00	27.93 0.92 0.00
LITTLRIV_115KV_TB1 356100	17.00 -0.62 -0.41	3.57 0.05 -1.29	-3.83 0.21 -1.65	11.88 -0.44 -0.89	16.41 -0.78 -0.56	19.72 -1.74 -0.27	23.77 -2.54 -0.38	23.62 -2.18 -0.19	22.77 -2.27 0.00	18.89 -2.14 -0.07	3.15 -2.21 12.57	-3.52 -2.37 23.51	13.42 -2.70 8.82	-23.19 -2.51 44.85	-24.34 -1.19 36.12	34.96 -0.57 -3.05	43.89 -0.51 -8.51	47.70 -0.71 -8.90	46.08 -0.56 -8.24	44.89 -0.50 -8.09	48.78 -0.31 -8.58	45.39 -0.29 -8.17	41.09 0.15 -6.53	32.63 0.08 -5.53
LI_NEWBRDGE____DRP 323616	26.54 1.02 -8.30	28.63 0.16 -26.26	27.50 -0.33 -33.52	30.07 0.59 -18.05	29.09 1.05 -11.42	28.79 1.64 -5.95	35.82 2.05 -7.84	31.39 1.99 -3.81	26.88 1.84 0.00	25.06 1.53 -2.58	35.99 1.58 -16.48	40.34 1.94 -16.04	51.52 2.13 -24.45	89.45 2.11 -63.17	74.31 1.08 -60.26	50.46 3.16 -14.83	67.23 3.56 -27.78	67.98 4.10 -24.39	95.78 3.97 -53.41	75.59 3.90 -34.39	66.21 3.95 -21.74	47.34 3.66 -6.17	52.45 3.16 -14.86	33.62 2.36 -4.25
LOCKPORT_115KV_TB60_63_64 80432	18.86 -0.29 -1.94	8.24 -0.10 -6.12	2.21 0.09 -7.81	15.37 -0.27 -4.21	18.87 -0.41 -2.66	21.77 -0.67 -1.24	26.84 -0.92 -1.83	25.32 -1.17 -0.88	24.19 -0.85 0.00	20.60 -0.66 -0.31	20.89 -0.84 -3.81	25.13 -0.95 -3.71	26.54 -0.90 -2.50	29.42 -0.90 -6.16	21.04 -0.63 -8.70	31.11 -1.36 0.00	34.15 -2.22 -0.48	36.94 -2.56 0.00	36.08 -2.31 0.00	35.05 -2.25 0.00	38.60 -1.92 0.00	35.60 -1.91 0.00	32.83 -1.58 0.00	26.20 -0.81 0.00

LOCKPORT___CC1 323769	18.86 -0.30 -1.94	8.27 -0.10 -6.15	2.25 0.10 -7.85	15.38 -0.28 -4.22	18.87 -0.42 -2.67	21.76 -0.68 -1.24	26.81 -0.95 -1.84	25.27 -1.22 -0.89	24.13 -0.91 0.00	20.56 -0.71 -0.31	20.88 -0.88 -3.83	25.14 -0.95 -3.73	26.48 -0.97 -2.51	29.39 -0.96 -6.19	21.04 -0.67 -8.74	31.01 -1.46 0.00	34.04 -2.34 -0.48	36.80 -2.69 0.00	35.94 -2.45 0.00	34.93 -2.37 0.00	38.51 -2.01 0.00	35.54 -1.97 0.00	32.81 -1.61 0.00	26.14 -0.87 0.00
LOCKPORT___CC2 323770	18.86 -0.30 -1.94	8.27 -0.10 -6.15	2.25 0.10 -7.85	15.38 -0.28 -4.22	18.87 -0.42 -2.67	21.76 -0.68 -1.24	26.81 -0.95 -1.84	25.27 -1.22 -0.89	24.13 -0.91 0.00	20.56 -0.71 -0.31	20.88 -0.88 -3.83	25.14 -0.95 -3.73	26.48 -0.97 -2.51	29.39 -0.96 -6.19	21.04 -0.67 -8.74	31.01 -1.46 0.00	34.04 -2.34 -0.48	36.80 -2.69 0.00	35.94 -2.45 0.00	34.93 -2.37 0.00	38.51 -2.01 0.00	35.54 -1.97 0.00	32.81 -1.61 0.00	26.14 -0.87 0.00
LOCKPORT___CC3 323771	18.86 -0.30 -1.94	8.27 -0.10 -6.15	2.25 0.10 -7.85	15.38 -0.28 -4.22	18.87 -0.42 -2.67	21.76 -0.68 -1.24	26.81 -0.95 -1.84	25.27 -1.22 -0.89	24.13 -0.91 0.00	20.56 -0.71 -0.31	20.88 -0.88 -3.83	25.14 -0.95 -3.73	26.48 -0.97 -2.51	29.39 -0.96 -6.19	21.04 -0.67 -8.74	31.01 -1.46 0.00	34.04 -2.34 -0.48	36.80 -2.69 0.00	35.94 -2.45 0.00	34.93 -2.37 0.00	38.51 -2.01 0.00	35.54 -1.97 0.00	32.81 -1.61 0.00	26.14 -0.87 0.00
LONG LAKE PHOENIX 24014	18.34 -0.22 -1.35	6.46 -0.04 -4.28	-0.16 0.07 -5.46	14.22 -0.15 -2.94	18.24 -0.24 -1.86	21.70 -0.37 -0.87	26.72 -0.50 -1.29	25.71 -0.52 -0.63	24.59 -0.45 0.00	20.83 -0.34 -0.22	19.31 -0.32 -1.69	22.76 -0.41 -0.81	25.35 -0.47 -0.88	25.80 -0.45 -2.08	17.03 -0.23 -4.29	31.54 -0.51 0.43	35.55 -0.69 -0.34	38.76 -0.74 0.00	37.70 -0.69 0.00	36.62 -0.68 0.00	39.75 -0.76 0.00	36.76 -0.76 0.00	33.68 -0.74 0.00	26.44 -0.57 0.00
LOVETT___3 23632	25.96 0.73 -8.02	27.68 0.09 -25.37	26.46 -0.24 -32.39	29.35 0.48 -17.44	28.46 0.80 -11.03	27.49 1.16 -5.13	35.04 1.54 -7.57	30.74 1.47 -3.68	26.38 1.34 0.00	21.32 1.10 0.73	34.91 1.08 -15.91	39.15 1.28 -15.51	36.81 1.44 -10.43	51.28 1.42 -25.71	50.11 0.71 -36.43	34.77 2.30 0.00	40.50 2.60 -2.00	42.43 2.94 0.00	41.28 2.88 0.00	40.15 2.85 0.00	43.27 2.75 0.00	40.14 2.63 0.00	36.65 2.23 0.00	28.65 1.64 0.00
LOVETT___4 23642	25.96 0.73 -8.02	27.68 0.09 -25.37	26.46 -0.24 -32.39	29.35 0.48 -17.44	28.46 0.80 -11.03	27.49 1.16 -5.13	35.04 1.54 -7.57	30.74 1.47 -3.68	26.38 1.34 0.00	21.32 1.10 0.73	34.91 1.08 -15.91	39.15 1.28 -15.51	36.81 1.44 -10.43	51.28 1.42 -25.71	50.11 0.71 -36.43	34.77 2.30 0.00	40.50 2.60 -2.00	42.43 2.94 0.00	41.28 2.88 0.00	40.15 2.85 0.00	43.27 2.75 0.00	40.14 2.63 0.00	36.65 2.23 0.00	28.65 1.64 0.00
LOVETT___5 23593	25.96 0.73 -8.02	27.68 0.09 -25.37	26.46 -0.24 -32.39	29.35 0.48 -17.44	28.46 0.80 -11.03	27.49 1.16 -5.13	35.04 1.54 -7.57	30.74 1.47 -3.68	26.38 1.34 0.00	21.32 1.10 0.73	34.91 1.08 -15.91	39.15 1.28 -15.51	36.81 1.44 -10.43	51.28 1.42 -25.71	50.11 0.71 -36.43	34.77 2.30 0.00	40.50 2.60 -2.00	42.43 2.94 0.00	41.28 2.88 0.00	40.15 2.85 0.00	43.27 2.75 0.00	40.14 2.63 0.00	36.65 2.23 0.00	28.65 1.64 0.00
LOWER RAQUET___HYD 24057	16.83 -0.81 -0.42	3.57 0.03 -1.32	-3.73 0.28 -1.69	11.79 -0.55 -0.91	16.25 -0.95 -0.57	19.51 -1.96 -0.27	23.49 -2.83 -0.39	23.28 -2.52 -0.20	22.45 -2.59 0.00	18.64 -2.39 -0.07	2.73 -2.43 12.77	-4.21 -2.69 23.88	13.14 -3.03 8.77	-23.63 -2.82 44.96	-24.62 -1.37 36.22	34.70 -1.11 -3.33	43.83 -1.12 -9.05	47.60 -1.39 -9.49	46.07 -1.31 -8.99	44.92 -1.20 -8.82	48.76 -1.11 -9.35	45.42 -0.99 -8.90	41.13 -0.40 -7.12	32.75 -0.29 -6.03
LOWER___HUDSON 24059	28.28 0.61 -10.46	35.38 0.08 -33.08	36.36 -0.19 -42.24	34.56 0.38 -22.74	31.59 0.58 -14.39	28.74 0.85 -6.69	36.93 1.12 -9.88	31.52 1.12 -4.79	26.11 1.07 0.00	23.78 0.85 -1.97	39.44 0.78 -20.74	43.58 0.99 -20.22	39.70 1.16 -13.60	58.82 1.14 -33.52	61.05 0.57 -47.51	34.34 1.87 0.00	40.63 2.12 -2.61	41.85 2.35 0.00	40.65 2.26 0.00	39.48 2.18 0.00	42.78 2.27 0.00	39.60 2.09 0.00	36.27 1.85 0.00	28.47 1.46 0.00
LOWVILLE_115KV_TB2 356335	17.63 -0.24 -0.65	4.27 -0.01 -2.05	-2.98 0.10 -2.62	12.71 -0.13 -1.41	17.36 -0.16 -0.89	21.37 -0.23 -0.41	26.38 -0.12 -0.57	25.88 0.00 -0.28	24.82 -0.22 0.00	20.46 -0.60 -0.11	45.07 -0.98 -28.11	71.73 -0.91 -50.28	49.27 -1.25 -25.58	62.18 -1.32 -39.34	46.95 -0.55 -34.53	50.61 -0.97 -19.11	38.10 -0.75 -2.95	42.04 -0.43 -2.97	40.86 -0.35 -2.82	39.83 -0.23 -2.76	42.91 -0.54 -2.93	39.75 -0.55 -2.79	36.49 -0.16 -2.23	28.97 0.07 -1.89
LUTHERFT_115KV_GLOB_FND_222 355753	28.57 0.72 -10.63	35.95 0.09 -33.63	37.02 -0.22 -42.94	35.02 0.46 -23.12	31.97 0.72 -14.63	29.02 1.03 -6.80	37.36 1.39 -10.04	31.87 1.39 -4.87	26.35 1.31 0.00	23.94 1.00 -1.99	39.93 0.91 -21.09	44.08 1.16 -20.56	40.11 1.34 -13.83	59.58 1.34 -34.08	61.96 0.69 -48.30	34.62 2.15 0.00	41.08 2.53 -2.65	42.35 2.85 0.00	41.12 2.72 0.00	39.94 2.64 0.00	43.19 2.67 0.00	39.92 2.41 0.00	36.55 2.13 0.00	28.64 1.63 0.00
LUTHERNY_35_KV_BK2 355980	28.58 0.74 -10.63	35.95 0.09 -33.63	37.02 -0.22 -42.94	35.03 0.47 -23.12	31.97 0.72 -14.63	29.04 1.04 -6.80	37.39 1.42 -10.04	31.89 1.42 -4.87	26.37 1.33 0.00	23.95 1.01 -1.99	39.94 0.93 -21.09	44.09 1.17 -20.56	40.12 1.35 -13.83	59.61 1.37 -34.08	61.97 0.71 -48.30	34.65 2.18 0.00	41.11 2.56 -2.65	42.39 2.90 0.00	41.17 2.77 0.00	40.00 2.71 0.00	43.23 2.71 0.00	39.95 2.44 0.00	36.59 2.17 0.00	28.65 1.64 0.00
LWR___OSWEGATCHIE_HYD 23850	17.09 -0.68 -0.56	3.99 0.00 -1.78	-3.19 0.24 -2.27	12.21 -0.45 -1.22	16.69 -0.70 -0.77	20.26 -1.30 -0.35	24.73 -1.70 -0.50	24.37 -1.48 -0.25	23.39 -1.65 0.00	19.34 -1.71 -0.09	-2.74 -1.90 18.77	-14.83 -2.09 35.10	7.42 -2.46 15.06	-25.78 -2.36 47.58	-26.63 -1.13 38.48	27.63 -1.31 3.54	41.04 -1.22 -6.36	44.92 -1.18 -6.61	43.55 -1.10 -6.26	42.44 -1.00 -6.14	45.91 -1.12 -6.51	42.64 -1.07 -6.20	38.84 -0.54 -4.96	30.88 -0.33 -4.20
LYONS_FALL_HYD 23570	17.80 -0.01 -0.60	4.12 0.01 -1.89	-3.26 0.02 -2.41	12.74 0.00 -1.30	17.47 0.03 -0.82	21.61 0.04 -0.38	26.64 0.18 -0.54	26.12 0.26 -0.27	25.16 0.12 0.00	20.86 -0.19 -0.10	17.06 -0.47 0.40	20.31 -0.36 1.69	24.29 -0.56 0.10	18.27 -0.59 5.31	9.53 -0.22 3.23	34.02 -0.18 -1.74	37.94 0.02 -2.02	41.80 0.30 -2.00	40.62 0.34 -1.89	39.54 0.39 -1.86	42.67 0.19 -1.97	39.50 0.11 -1.88	36.21 0.29 -1.50	28.63 0.34 -1.27
MADISON___COUNTY_LFGE 323628	18.52 0.40 -0.91	5.14 0.05 -2.87	-2.16 -0.13 -3.67	13.69 0.28 -1.98	18.29 0.42 -1.25	22.33 0.54 -0.58	27.54 0.76 -0.85	26.82 0.80 -0.42	25.77 0.73 0.00	21.58 0.48 -0.15	22.79 0.31 -4.55	29.63 0.49 -6.78	29.07 0.50 -3.63	31.05 0.55 -6.34	20.35 0.33 -7.06	35.49 1.06 -1.96	37.32 1.20 -0.22	40.93 1.44 0.00	39.78 1.38 0.00	38.62 1.32 0.00	41.82 1.30 0.00	38.65 1.13 0.00	35.41 0.99 0.00	27.82 0.80 0.00

MALONE___115KV_TB1 356076	16.90 -0.66 -0.34	3.39 0.08 -1.08	-4.04 0.27 -1.38	11.66 -0.52 -0.74	16.24 -0.85 -0.47	19.58 -1.84 -0.22	23.63 -2.63 -0.33	23.68 -2.09 -0.17	22.71 -2.33 0.00	18.74 -2.27 -0.06	9.30 -2.52 6.11	8.64 -2.90 10.83	31.11 -3.16 -9.33	-21.85 -2.70 43.31	-23.19 -1.27 34.89	64.08 -0.84 -32.45	73.53 -0.70 -38.34	79.04 -0.99 -40.53	76.83 -0.99 -39.43	75.08 -0.92 -38.69	80.83 -0.72 -41.04	75.95 -0.64 -39.07	65.30 -0.35 -31.23	53.09 -0.39 -26.47
MAPLEWOD_115KV_TB3 80458	28.17 0.53 -10.42	35.26 0.07 -32.97	36.24 -0.16 -42.09	34.42 0.33 -22.66	31.48 0.52 -14.34	28.64 0.77 -6.67	36.76 0.99 -9.84	31.38 1.00 -4.78	26.00 0.96 0.00	23.68 0.76 -1.97	39.30 0.70 -20.67	43.39 0.88 -20.15	39.52 1.02 -13.55	58.57 1.01 -33.40	60.82 0.51 -47.34	34.23 1.76 0.00	40.46 1.96 -2.60	41.67 2.18 0.00	40.48 2.09 0.00	39.33 2.03 0.00	42.60 2.08 0.00	39.39 1.88 0.00	36.06 1.65 0.00	28.39 1.38 0.00
MAPLE_RIDGE_WT_1 323574	16.91 -0.49 -0.19	2.83 -0.01 -0.61	-4.73 0.18 -0.78	11.48 -0.38 -0.42	16.32 -0.58 -0.27	20.22 -1.12 -0.13	24.48 -1.66 -0.20	24.24 -1.47 -0.10	23.53 -1.51 0.00	19.58 -1.41 -0.04	12.22 -1.53 4.18	12.54 -1.76 8.07	18.29 -2.07 4.59	-18.53 -2.02 40.67	-20.85 -1.05 32.77	31.35 -1.12 0.00	34.85 -1.05 0.00	38.48 -1.01 0.00	37.44 -0.95 0.00	36.29 -1.01 0.00	39.61 -0.91 0.00	36.63 -0.89 0.00	33.87 -0.55 0.00	26.63 -0.38 0.00
MAPLE_RIDGE_WT_2 323611	16.91 -0.49 -0.19	2.83 -0.01 -0.61	-4.73 0.18 -0.78	11.48 -0.38 -0.42	16.32 -0.58 -0.27	20.22 -1.12 -0.13	24.48 -1.66 -0.20	24.24 -1.47 -0.10	23.53 -1.51 0.00	19.58 -1.41 -0.04	12.22 -1.53 4.18	12.54 -1.76 8.07	18.29 -2.07 4.59	-18.53 -2.02 40.67	-20.85 -1.05 32.77	31.35 -1.12 0.00	34.85 -1.05 0.00	38.48 -1.01 0.00	37.44 -0.95 0.00	36.29 -1.01 0.00	39.61 -0.91 0.00	36.63 -0.89 0.00	33.87 -0.55 0.00	26.63 -0.38 0.00
MARBLE_RIVER_WT_PWR 323696	16.63 -0.89 -0.31	3.25 0.06 -0.97	-4.10 0.36 -1.24	11.41 -0.69 -0.67	15.97 -1.08 -0.42	19.25 -2.15 -0.20	23.17 -3.06 -0.30	23.23 -2.53 -0.15	22.26 -2.79 0.00	18.29 -2.72 -0.06	-2.46 -2.96 17.43	-15.23 -3.49 34.10	-21.00 -3.77 42.17	-22.77 -3.15 43.79	-23.72 -1.50 35.19	-21.43 -1.47 52.43	-21.00 -1.41 55.49	-21.00 -1.79 58.71	-21.00 -1.82 57.58	-21.00 -1.79 56.51	-21.00 -1.58 59.93	-21.00 -1.45 57.06	-12.38 -1.20 45.61	-12.70 -1.06 38.65
MARSHVLE_115KV_TB1 80742	30.79 0.76 -12.81	42.84 0.09 -40.53	45.80 -0.24 -51.74	39.80 0.51 -27.85	35.01 0.76 -17.62	30.37 0.98 -8.19	39.34 1.31 -12.10	32.87 1.40 -5.87	26.29 1.24 0.00	23.73 0.71 -2.06	43.84 0.50 -25.41	47.93 0.80 -24.77	42.66 1.06 -16.66	66.20 0.98 -41.06	71.77 0.60 -58.19	33.93 1.46 0.00	40.86 1.77 -3.20	41.54 2.04 0.00	40.48 2.09 0.00	39.35 2.05 0.00	42.74 2.22 0.00	39.38 1.86 0.00	36.14 1.72 0.00	28.25 1.23 0.00
MARSH_HILL_WT_PWR 323713	18.76 -0.84 -2.39	9.61 -0.16 -7.55	4.09 0.14 -9.63	16.47 -0.15 -5.19	19.79 -0.12 -3.28	22.39 -0.34 -1.53	27.76 -0.43 -2.26	25.91 -0.80 -1.11	24.17 -0.87 0.00	20.27 -1.07 -0.38	21.52 -1.12 -4.72	25.52 -1.44 -4.60	26.50 -1.54 -3.09	30.37 -1.42 -7.63	22.91 -0.85 -10.79	30.63 -1.84 0.00	34.06 -2.43 -0.59	36.53 -2.96 0.00	35.80 -2.60 0.00	35.07 -2.23 0.00	39.55 -0.97 0.00	36.94 -0.58 0.00	34.28 -0.14 0.00	27.19 0.18 0.00
MCINTYRE_115KV_TB2 80467	17.08 -0.53 -0.39	3.54 0.07 -1.24	-3.92 0.18 -1.59	11.91 -0.38 -0.85	16.45 -0.71 -0.54	19.82 -1.64 -0.25	24.03 -2.26 -0.35	23.89 -1.89 -0.18	23.04 -2.00 0.00	19.06 -1.97 -0.07	4.45 -2.06 11.41	-1.20 -2.12 21.43	13.43 -2.40 9.11	-22.32 -2.31 44.18	-23.61 -1.04 35.54	34.13 0.19 -1.47	41.71 0.33 -5.48	45.57 0.20 -5.87	45.35 -0.09 -7.04	44.16 -0.05 -6.91	48.05 0.20 -7.33	44.66 0.17 -6.98	40.46 0.46 -5.58	32.04 0.30 -4.73
MECO___69_KV_BK1 80468	30.70 1.26 -12.23	41.07 0.16 -38.69	43.29 -0.41 -49.40	38.85 0.82 -26.59	34.66 1.22 -16.82	30.71 1.69 -7.82	39.91 2.43 -11.55	33.65 2.45 -5.60	26.74 1.70 0.00	23.66 0.54 -2.17	42.72 0.54 -24.25	47.24 1.23 -23.65	42.55 1.70 -15.91	65.41 2.05 -39.20	69.65 1.12 -55.55	35.50 3.03 0.00	42.94 3.99 -3.05	43.90 4.41 0.00	42.75 4.35 0.00	41.49 4.19 0.00	45.00 4.49 0.00	41.30 3.78 0.00	37.76 3.34 0.00	29.48 2.47 0.00
MENANDS_115KV_TB5 355628	28.07 0.45 -10.40	35.20 0.07 -32.91	36.20 -0.13 -42.02	34.32 0.26 -22.62	31.38 0.44 -14.31	28.52 0.67 -6.65	36.60 0.84 -9.83	31.22 0.85 -4.77	25.85 0.81 0.00	23.58 0.66 -1.96	39.18 0.62 -20.63	43.24 0.77 -20.12	39.37 0.90 -13.53	58.39 0.88 -33.35	60.66 0.43 -47.26	34.04 1.57 0.00	40.23 1.74 -2.60	41.42 1.92 0.00	40.23 1.84 0.00	39.09 1.79 0.00	42.33 1.82 0.00	39.16 1.65 0.00	35.86 1.44 0.00	28.27 1.26 0.00
MG INDUSTRY___DRP 24185	27.95 0.52 -10.21	34.59 0.08 -32.30	35.38 -0.16 -41.23	33.97 0.34 -22.20	31.20 0.53 -14.04	28.49 0.76 -6.53	36.52 0.95 -9.64	31.22 0.93 -4.68	25.93 0.89 0.00	23.56 0.70 -1.91	38.81 0.64 -20.25	42.89 0.79 -19.74	39.13 0.92 -13.28	57.75 0.87 -32.72	59.79 0.44 -46.38	34.03 1.56 0.00	40.20 1.75 -2.55	41.43 1.94 0.00	40.25 1.86 0.00	39.12 1.82 0.00	42.38 1.86 0.00	39.20 1.69 0.00	35.90 1.48 0.00	28.29 1.28 0.00
MID___OSWEGATCHIE_HYD 23849	17.09 -0.68 -0.56	3.99 0.00 -1.78	-3.19 0.24 -2.27	12.21 -0.45 -1.22	16.69 -0.70 -0.77	20.26 -1.30 -0.35	24.73 -1.70 -0.50	24.37 -1.48 -0.25	23.39 -1.65 0.00	19.34 -1.71 -0.09	-2.74 -1.90 18.77	-14.83 -2.09 35.10	7.42 -2.46 15.06	-25.78 -2.36 47.58	-26.63 -1.13 38.48	27.63 -1.31 3.54	41.04 -1.22 -6.36	44.92 -1.18 -6.61	43.55 -1.10 -6.26	42.44 -1.00 -6.14	45.91 -1.12 -6.51	42.64 -1.07 -6.20	38.84 -0.54 -4.96	30.88 -0.33 -4.20
MID___RAQUETTE_HYD 23851	16.83 -0.81 -0.42	3.57 0.03 -1.32	-3.73 0.27 -1.69	11.79 -0.55 -0.91	16.25 -0.95 -0.57	19.51 -1.96 -0.27	23.49 -2.82 -0.39	23.30 -2.49 -0.20	22.45 -2.59 0.00	18.64 -2.39 -0.07	2.73 -2.43 12.77	-4.20 -2.68 23.88	13.14 -3.03 8.77	-23.62 -2.82 44.96	-24.62 -1.37 36.22	34.70 -1.11 -3.33	43.83 -1.12 -9.05	47.60 -1.39 -9.49	46.07 -1.31 -8.99	44.92 -1.20 -8.82	48.75 -1.12 -9.35	45.42 -0.99 -8.90	41.14 -0.40 -7.12	32.75 -0.29 -6.03
MILLIKEN___1 23584	19.95 0.42 -2.32	9.60 0.04 -7.34	3.52 -0.15 -9.37	16.79 0.31 -5.04	20.27 0.46 -3.19	23.25 0.57 -1.49	28.83 0.71 -2.19	27.43 0.75 -1.07	25.82 0.78 0.00	21.90 0.58 -0.37	22.95 0.42 -4.61	27.37 0.52 -4.49	28.51 0.55 -3.02	32.16 0.55 -7.45	23.83 0.32 -10.55	33.46 0.99 0.00	37.49 1.02 -0.58	40.73 1.24 0.00	39.62 1.23 0.00	38.48 1.18 0.00	41.71 1.20 0.00	38.61 1.10 0.00	35.34 0.92 0.00	27.75 0.74 0.00
MILLIKEN___2 23585	19.95 0.42 -2.32	9.60 0.04 -7.34	3.52 -0.15 -9.37	16.79 0.31 -5.04	20.27 0.46 -3.19	23.25 0.57 -1.49	28.83 0.71 -2.19	27.43 0.75 -1.07	25.82 0.78 0.00	21.90 0.58 -0.37	22.95 0.42 -4.61	27.37 0.52 -4.49	28.51 0.55 -3.02	32.16 0.55 -7.45	23.83 0.32 -10.55	33.46 0.99 0.00	37.49 1.02 -0.58	40.73 1.24 0.00	39.62 1.23 0.00	38.48 1.18 0.00	41.71 1.20 0.00	38.61 1.10 0.00	35.34 0.92 0.00	27.75 0.74 0.00

MILLIKEN___DIESEL 23629	19.95 0.42 -2.32	9.60 0.04 -7.34	3.52 -0.15 -9.37	16.79 0.31 -5.04	20.27 0.46 -3.19	23.25 0.57 -1.49	28.83 0.71 -2.19	27.43 0.75 -1.07	25.82 0.78 0.00	21.90 0.58 -0.37	22.95 0.42 -4.61	27.37 0.52 -4.49	28.51 0.55 -3.02	32.16 0.55 -7.45	23.83 0.32 -10.55	33.46 0.99 0.00	37.49 1.02 -0.58	40.73 1.24 0.00	39.62 1.23 0.00	38.48 1.18 0.00	41.71 1.20 0.00	38.61 1.10 0.00	35.34 0.92 0.00	27.75 0.74 0.00
MILLSEAT___LFGE 323607	19.16 0.04 -1.90	8.18 -0.05 -6.01	1.97 -0.01 -7.67	15.51 -0.05 -4.13	19.16 -0.08 -2.61	22.23 -0.19 -1.22	27.47 -0.26 -1.80	26.00 -0.46 -0.87	24.82 -0.22 0.00	21.08 -0.18 -0.30	21.28 -0.39 -3.74	25.66 -0.35 -3.65	27.11 -0.28 -2.46	29.89 -0.32 -6.05	21.23 -0.29 -8.55	31.97 -0.50 0.00	35.22 -1.15 -0.47	38.18 -1.32 0.00	37.28 -1.12 0.00	36.21 -1.09 0.00	39.75 -0.77 0.00	36.62 -0.89 0.00	33.70 -0.72 0.00	26.77 -0.24 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	26.23 0.76 -8.25	28.42 0.10 -26.10	27.39 -0.25 -33.33	29.87 0.49 -17.94	28.80 0.82 -11.35	27.66 1.19 -5.28	35.30 1.58 -7.79	30.95 1.57 -3.78	26.52 1.48 0.00	24.92 1.23 -2.74	35.49 1.20 -16.37	39.75 1.43 -15.96	37.28 1.61 -10.73	52.19 1.58 -26.45	51.26 0.80 -37.49	34.98 2.51 0.00	40.81 2.85 -2.06	42.71 3.21 0.00	41.54 3.14 0.00	40.39 3.09 0.00	43.50 2.99 0.00	40.36 2.84 0.00	36.86 2.44 0.00	28.82 1.81 0.00
MILLWOOD_13_KV_LOAD 356217	26.27 0.80 -8.25	28.43 0.10 -26.10	27.37 -0.26 -33.33	29.89 0.52 -17.94	28.83 0.86 -11.35	27.71 1.24 -5.28	35.37 1.65 -7.79	31.03 1.64 -3.78	26.59 1.55 0.00	24.97 1.28 -2.74	35.54 1.24 -16.37	39.81 1.50 -15.96	37.35 1.67 -10.73	52.26 1.64 -26.45	51.30 0.84 -37.49	35.09 2.62 0.00	40.92 2.97 -2.06	42.85 3.35 0.00	41.68 3.29 0.00	40.52 3.22 0.00	43.63 3.11 0.00	40.47 2.96 0.00	36.95 2.53 0.00	28.89 1.88 0.00
MODEL_CITY_ENERGY 24167	18.70 -0.47 -1.95	8.28 -0.12 -6.18	2.35 0.16 -7.89	15.28 -0.40 -4.25	18.73 -0.59 -2.69	21.57 -0.88 -1.25	26.59 -1.19 -1.85	25.05 -1.44 -0.89	23.92 -1.12 0.00	20.39 -0.88 -0.31	20.74 -1.03 -3.84	24.96 -1.15 -3.75	26.28 -1.18 -2.52	29.22 -1.16 -6.22	20.98 -0.77 -8.78	30.73 -1.74 0.00	33.73 -2.65 -0.48	36.46 -3.04 0.00	35.61 -2.79 0.00	34.59 -2.71 0.00	38.07 -2.44 0.00	35.11 -2.41 0.00	32.43 -1.99 0.00	25.86 -1.16 0.00
MODERN_LFGE___ 323580	18.70 -0.47 -1.95	8.28 -0.12 -6.18	2.35 0.16 -7.89	15.28 -0.40 -4.25	18.73 -0.59 -2.69	21.57 -0.88 -1.25	26.59 -1.19 -1.85	25.05 -1.44 -0.89	23.92 -1.12 0.00	20.39 -0.88 -0.31	20.74 -1.03 -3.84	24.96 -1.15 -3.75	26.28 -1.18 -2.52	29.22 -1.16 -6.22	20.98 -0.77 -8.78	30.73 -1.74 0.00	33.73 -2.65 -0.48	36.46 -3.04 0.00	35.61 -2.79 0.00	34.59 -2.71 0.00	38.07 -2.44 0.00	35.11 -2.41 0.00	32.43 -1.99 0.00	25.86 -1.16 0.00
MOHAWK_PAPER___DRP 24187	28.17 0.53 -10.42	35.26 0.07 -32.97	36.24 -0.16 -42.09	34.42 0.33 -22.66	31.48 0.52 -14.34	28.64 0.77 -6.67	36.76 0.99 -9.84	31.38 1.00 -4.78	26.00 0.96 0.00	23.68 0.76 -1.97	39.30 0.70 -20.67	43.39 0.88 -20.15	39.52 1.02 -13.55	58.57 1.01 -33.40	60.82 0.51 -47.34	34.23 1.76 0.00	40.46 1.96 -2.60	41.67 2.18 0.00	40.48 2.09 0.00	39.33 2.03 0.00	42.60 2.08 0.00	39.39 1.88 0.00	36.06 1.65 0.00	28.39 1.38 0.00
MOHICAN___35_KV_115KV_LD 80490	28.43 0.57 -10.64	35.96 0.07 -33.66	37.12 -0.16 -42.98	34.93 0.36 -23.14	31.83 0.57 -14.64	28.89 0.89 -6.81	37.29 1.30 -10.05	31.81 1.34 -4.88	26.27 1.23 0.00	23.84 0.90 -1.99	39.89 0.85 -21.10	43.99 1.05 -20.58	40.01 1.23 -13.84	59.55 1.28 -34.11	61.95 0.64 -48.34	34.56 2.09 0.00	41.15 2.60 -2.65	42.46 2.97 0.00	41.20 2.81 0.00	39.95 2.65 0.00	43.12 2.61 0.00	39.85 2.34 0.00	36.54 2.12 0.00	28.58 1.56 0.00
MONGAUP___HYD 23641	25.58 0.78 -7.58	26.32 0.10 -24.00	24.69 -0.26 -30.65	28.45 0.52 -16.50	27.91 0.85 -10.44	27.12 1.07 -4.85	34.41 1.32 -7.17	30.52 1.44 -3.48	26.28 1.24 0.00	21.95 1.01 0.01	34.08 1.10 -15.05	38.28 1.25 -14.68	36.19 1.38 -9.87	49.74 1.26 -24.32	48.06 0.61 -34.47	34.41 1.94 0.00	39.94 2.15 -1.89	42.02 2.52 0.00	40.88 2.49 0.00	39.74 2.44 0.00	42.96 2.44 0.00	40.28 2.76 0.00	36.86 2.44 0.00	28.80 1.79 0.00
MONTAUK___DIESEL 23721	27.49 1.98 -8.30	28.76 0.29 -26.26	27.19 -0.64 -33.52	30.68 1.20 -18.05	30.03 1.99 -11.42	30.10 2.97 -5.93	37.59 3.82 -7.84	33.09 3.68 -3.81	28.41 3.37 0.00	26.30 2.76 -2.58	37.11 2.59 -16.59	41.61 3.16 -16.09	54.16 3.70 -25.52	90.12 3.75 -62.20	74.68 1.99 -59.72	54.09 5.46 -16.16	72.00 6.33 -29.78	93.70 7.36 -46.85	213.65 7.19 -168.07	99.11 6.97 -54.84	68.95 7.27 -21.16	50.07 6.55 -6.01	54.87 5.78 -14.68	35.47 4.32 -4.14
MOONROAD_115KV_HARTFLD_TB1-2 355988	19.67 0.34 -2.11	8.90 0.01 -6.68	2.77 -0.06 -8.53	16.09 0.07 -4.59	19.56 0.03 -2.90	22.50 -0.05 -1.35	28.12 0.20 -2.00	26.56 0.00 -0.97	25.23 0.19 0.00	21.46 0.18 -0.34	21.90 -0.17 -4.14	26.39 -0.01 -4.04	27.54 -0.12 -2.72	30.73 -0.12 -6.70	22.17 -0.26 -9.46	32.03 -0.44 0.00	35.48 -0.94 -0.52	38.48 -1.02 0.00	37.75 -0.64 0.00	36.61 -0.69 0.00	40.36 -0.15 0.00	37.70 0.19 0.00	34.97 0.55 0.00	27.52 0.51 0.00
MORTIMER_115KV_TB3 55949	18.88 -0.09 -1.75	7.71 -0.05 -5.54	1.42 0.03 -7.08	15.13 -0.11 -3.81	18.85 -0.18 -2.41	22.04 -0.28 -1.12	27.21 -0.37 -1.66	25.91 -0.49 -0.80	24.73 -0.31 0.00	21.02 -0.21 -0.28	21.05 -0.34 -3.46	25.40 -0.33 -3.38	26.96 -0.25 -2.27	29.51 -0.25 -5.60	20.68 -0.22 -7.93	32.04 -0.43 0.00	35.43 -0.90 -0.43	38.46 -1.04 0.00	37.48 -0.91 0.00	36.39 -0.91 0.00	39.72 -0.80 0.00	36.62 -0.89 0.00	33.62 -0.80 0.00	26.58 -0.44 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	26.32 0.81 -8.30	28.58 0.11 -26.25	27.56 -0.26 -33.52	29.99 0.51 -18.05	28.89 0.86 -11.42	27.75 1.24 -5.31	35.44 1.67 -7.84	31.11 1.71 -3.80	26.67 1.63 0.00	24.89 1.35 -2.59	35.73 1.34 -16.46	40.02 1.61 -16.05	37.53 1.80 -10.80	52.53 1.77 -26.60	51.58 0.90 -37.71	35.26 2.79 0.00	41.13 3.16 -2.07	43.03 3.53 0.00	41.81 3.41 0.00	40.65 3.36 0.00	43.76 3.24 0.00	40.60 3.09 0.00	37.08 2.66 0.00	28.99 1.98 0.00
MUNSVILLE_WIND_PWR 323609	21.53 1.03 -3.29	12.73 0.11 -10.40	7.19 -0.40 -13.28	19.34 0.75 -7.15	22.32 1.17 -4.52	24.90 1.60 -2.10	31.15 2.11 -3.11	29.41 2.30 -1.52	27.58 2.54 0.00	23.28 1.80 -0.53	25.86 1.38 -6.55	30.26 1.51 -6.39	31.13 1.90 -4.29	36.49 1.75 -10.58	28.95 0.99 -14.99	35.55 3.08 0.00	40.33 3.61 -0.82	43.79 4.29 0.00	42.29 3.90 0.00	40.91 3.61 0.00	44.35 3.84 0.00	40.91 3.39 0.00	37.37 2.95 0.00	29.33 2.32 0.00
N SALMON___HYD 24042	16.90 -0.66 -0.34	3.39 0.08 -1.08	-4.04 0.27 -1.38	11.66 -0.52 -0.74	16.25 -0.85 -0.47	19.58 -1.84 -0.22	23.63 -2.63 -0.33	23.65 -2.12 -0.17	22.71 -2.33 0.00	18.74 -2.27 -0.06	9.30 -2.52 6.11	8.62 -2.91 10.83	31.11 -3.16 -9.33	-21.85 -2.70 43.31	-23.19 -1.28 34.89	64.08 -0.83 -32.45	73.53 -0.70 -38.34	79.04 -0.99 -40.53	76.83 -0.99 -39.43	75.07 -0.92 -38.69	80.83 -0.73 -41.04	75.95 -0.64 -39.07	65.30 -0.35 -31.23	53.08 -0.39 -26.47

N.AKRON__115KV_KNAPP 355671	19.08 -0.04 -1.91	8.21 -0.06 -6.05	2.05 0.02 -7.72	15.48 -0.11 -4.16	19.09 -0.17 -2.63	22.10 -0.32 -1.22	27.30 -0.44 -1.81	25.82 -0.66 -0.87	24.66 -0.38 0.00	20.97 -0.29 -0.31	21.19 -0.51 -3.77	25.50 -0.53 -3.68	26.97 -0.44 -2.47	29.79 -0.46 -6.09	21.20 -0.38 -8.61	31.75 -0.72 0.00	34.93 -1.44 -0.47	37.84 -1.65 0.00	36.95 -1.44 0.00	35.88 -1.42 0.00	39.44 -1.08 0.00	36.34 -1.17 0.00	33.45 -0.97 0.00	26.65 -0.37 0.00
N.BELMOR_69_KV_BK1 55787	26.65 1.13 -8.30	28.64 0.16 -26.26	27.46 -0.36 -33.52	30.14 0.66 -18.05	29.19 1.15 -11.42	28.81 1.77 -5.83	35.98 2.22 -7.84	31.56 2.16 -3.81	27.04 2.00 0.00	25.19 1.65 -2.58	36.82 1.67 -17.23	40.79 2.04 -16.39	58.76 2.27 -31.55	83.29 2.28 -56.85	70.86 1.14 -56.75	59.46 3.31 -23.68	80.61 3.76 -40.95	85.18 4.35 -41.33	101.06 4.11 -58.56	89.43 4.07 -48.06	62.67 4.18 -17.97	46.57 3.96 -5.10	51.51 3.42 -13.67	33.08 2.56 -3.51
N.E_GEN_SANDY PD 24062	27.73 0.67 -9.85	32.14 0.09 -29.83	31.88 -0.22 -37.79	32.39 0.45 -20.51	30.21 0.68 -12.91	28.21 0.98 -6.03	36.18 1.27 -8.98	31.19 1.27 -4.33	26.90 1.23 -0.62	25.88 1.04 -3.88	38.62 0.98 -19.71	42.96 1.22 -19.38	47.46 1.40 -21.13	66.11 1.35 -40.60	59.35 0.67 -45.71	43.19 2.16 -8.56	62.77 2.43 -24.45	60.35 2.70 -18.15	55.77 2.64 -14.73	51.35 2.58 -11.47	51.82 2.57 -8.73	52.21 2.44 -12.26	47.48 2.14 -10.92	40.35 1.66 -11.67
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	25.98 0.76 -8.00	27.64 0.09 -25.32	26.39 -0.25 -32.32	29.33 0.49 -17.40	28.47 0.83 -11.01	27.52 1.21 -5.12	35.08 1.59 -7.56	30.79 1.52 -3.67	26.44 1.40 0.00	21.40 1.14 0.70	34.92 1.12 -15.88	39.17 1.33 -15.48	36.85 1.50 -10.41	51.29 1.47 -25.66	50.08 0.74 -36.36	34.84 2.37 0.00	40.58 2.69 -2.00	42.52 3.03 0.00	41.38 2.98 0.00	40.24 2.94 0.00	43.36 2.85 0.00	40.23 2.71 0.00	36.73 2.31 0.00	28.71 1.70 0.00
N.QUEENS_27_KV_LOAD 356247	26.22 0.71 -8.30	28.57 0.09 -26.25	27.60 -0.23 -33.52	29.92 0.44 -18.04	28.79 0.75 -11.41	27.66 1.16 -5.31	35.42 1.66 -7.84	31.13 1.73 -3.80	26.67 1.64 0.00	24.90 1.36 -2.59	35.84 1.45 -16.46	39.99 1.58 -16.05	37.50 1.77 -10.79	52.55 1.78 -26.60	51.60 0.92 -37.70	35.32 2.85 0.00	41.17 3.20 -2.07	43.08 3.59 0.00	41.87 3.47 0.00	40.72 3.42 0.00	43.82 3.31 0.00	40.64 3.13 0.00	37.03 2.61 0.00	28.92 1.91 0.00
N.TROY___115KV_TB1 355778	28.28 0.61 -10.46	35.38 0.08 -33.08	36.36 -0.19 -42.24	34.56 0.38 -22.74	31.59 0.58 -14.39	28.74 0.85 -6.69	36.93 1.12 -9.88	31.52 1.12 -4.79	26.11 1.07 0.00	23.77 0.84 -1.97	39.45 0.78 -20.74	43.58 0.99 -20.22	39.70 1.16 -13.60	58.82 1.14 -33.52	61.05 0.57 -47.51	34.34 1.88 0.00	40.63 2.12 -2.61	41.85 2.35 0.00	40.65 2.26 0.00	39.48 2.18 0.00	42.79 2.27 0.00	39.60 2.09 0.00	36.27 1.85 0.00	28.46 1.45 0.00
NARROWS_GT1_1 24228	26.35 0.83 -8.30	28.58 0.11 -26.25	27.56 -0.27 -33.52	30.00 0.52 -18.04	28.91 0.87 -11.41	27.79 1.28 -5.31	35.53 1.76 -7.84	31.22 1.82 -3.80	26.80 1.76 0.00	25.02 1.47 -2.59	35.83 1.45 -16.46	40.11 1.70 -16.05	37.64 1.90 -10.79	52.61 1.84 -26.60	51.65 0.98 -37.70	35.48 3.01 0.00	41.31 3.35 -2.07	43.23 3.73 0.00	42.01 3.62 0.00	40.92 3.62 0.00	43.97 3.45 0.00	40.86 3.34 0.00	37.29 2.87 0.00	29.11 2.10 0.00
NARROWS_GT1_2 24229	26.35 0.83 -8.30	28.58 0.11 -26.25	27.56 -0.27 -33.52	30.00 0.52 -18.04	28.91 0.87 -11.41	27.79 1.28 -5.31	35.53 1.76 -7.84	31.22 1.82 -3.80	26.80 1.76 0.00	25.02 1.47 -2.59	35.83 1.45 -16.46	40.11 1.70 -16.05	37.64 1.90 -10.79	52.61 1.84 -26.60	51.65 0.98 -37.70	35.48 3.01 0.00	41.31 3.35 -2.07	43.23 3.73 0.00	42.01 3.62 0.00	40.92 3.62 0.00	43.97 3.45 0.00	40.86 3.34 0.00	37.29 2.87 0.00	29.11 2.10 0.00
NARROWS_GT1_3 24230	26.35 0.83 -8.30	28.58 0.11 -26.25	27.56 -0.27 -33.52	30.00 0.52 -18.04	28.91 0.87 -11.41	27.79 1.28 -5.31	35.53 1.76 -7.84	31.22 1.82 -3.80	26.80 1.76 0.00	25.02 1.47 -2.59	35.83 1.45 -16.46	40.11 1.70 -16.05	37.64 1.90 -10.79	52.61 1.84 -26.60	51.65 0.98 -37.70	35.48 3.01 0.00	41.31 3.35 -2.07	43.23 3.73 0.00	42.01 3.62 0.00	40.92 3.62 0.00	43.97 3.45 0.00	40.86 3.34 0.00	37.29 2.87 0.00	29.11 2.10 0.00
NARROWS_GT1_4 24231	26.35 0.83 -8.30	28.58 0.11 -26.25	27.56 -0.27 -33.52	30.00 0.52 -18.04	28.91 0.87 -11.41	27.79 1.28 -5.31	35.53 1.76 -7.84	31.22 1.82 -3.80	26.80 1.76 0.00	25.02 1.47 -2.59	35.83 1.45 -16.46	40.11 1.70 -16.05	37.64 1.90 -10.79	52.61 1.84 -26.60	51.65 0.98 -37.70	35.48 3.01 0.00	41.31 3.35 -2.07	43.23 3.73 0.00	42.01 3.62 0.00	40.92 3.62 0.00	43.97 3.45 0.00	40.86 3.34 0.00	37.29 2.87 0.00	29.11 2.10 0.00
NARROWS_GT1_5 24232	26.35 0.83 -8.30	28.58 0.11 -26.25	27.56 -0.27 -33.52	30.00 0.52 -18.04	28.91 0.87 -11.41	27.79 1.28 -5.31	35.53 1.76 -7.84	31.22 1.82 -3.80	26.80 1.76 0.00	25.02 1.47 -2.59	35.83 1.45 -16.46	40.11 1.70 -16.05	37.64 1.90 -10.79	52.61 1.84 -26.60	51.65 0.98 -37.70	35.48 3.01 0.00	41.31 3.35 -2.07	43.23 3.73 0.00	42.01 3.62 0.00	40.92 3.62 0.00	43.97 3.45 0.00	40.86 3.34 0.00	37.29 2.87 0.00	29.11 2.10 0.00
NARROWS_GT1_6 24233	26.35 0.83 -8.30	28.58 0.11 -26.25	27.56 -0.27 -33.52	30.00 0.52 -18.04	28.91 0.87 -11.41	27.79 1.28 -5.31	35.53 1.76 -7.84	31.22 1.82 -3.80	26.80 1.76 0.00	25.02 1.47 -2.59	35.83 1.45 -16.46	40.11 1.70 -16.05	37.64 1.90 -10.79	52.61 1.84 -26.60	51.65 0.98 -37.70	35.48 3.01 0.00	41.31 3.35 -2.07	43.23 3.73 0.00	42.01 3.62 0.00	40.92 3.62 0.00	43.97 3.45 0.00	40.86 3.34 0.00	37.29 2.87 0.00	29.11 2.10 0.00
NARROWS_GT1_7 24234	26.35 0.83 -8.30	28.58 0.11 -26.25	27.56 -0.27 -33.52	30.00 0.52 -18.04	28.91 0.87 -11.41	27.79 1.28 -5.31	35.53 1.76 -7.84	31.22 1.82 -3.80	26.80 1.76 0.00	25.02 1.47 -2.59	35.83 1.45 -16.46	40.11 1.70 -16.05	37.64 1.90 -10.79	52.61 1.84 -26.60	51.65 0.98 -37.70	35.48 3.01 0.00	41.31 3.35 -2.07	43.23 3.73 0.00	42.01 3.62 0.00	40.92 3.62 0.00	43.97 3.45 0.00	40.86 3.34 0.00	37.29 2.87 0.00	29.11 2.10 0.00
NARROWS_GT1_8 24235	26.35 0.83 -8.30	28.58 0.11 -26.25	27.56 -0.27 -33.52	30.00 0.52 -18.04	28.91 0.87 -11.41	27.79 1.28 -5.31	35.53 1.76 -7.84	31.22 1.82 -3.80	26.80 1.76 0.00	25.02 1.47 -2.59	35.83 1.45 -16.46	40.11 1.70 -16.05	37.64 1.90 -10.79	52.61 1.84 -26.60	51.65 0.98 -37.70	35.48 3.01 0.00	41.31 3.35 -2.07	43.23 3.73 0.00	42.01 3.62 0.00	40.92 3.62 0.00	43.97 3.45 0.00	40.86 3.34 0.00	37.29 2.87 0.00	29.11 2.10 0.00
NARROWS_GT2_1 24236	26.35 0.83 -8.30	28.58 0.11 -26.25	27.56 -0.27 -33.52	30.00 0.52 -18.04	28.91 0.87 -11.41	27.79 1.28 -5.31	35.53 1.76 -7.84	31.22 1.82 -3.80	26.80 1.76 0.00	25.02 1.47 -2.59	35.83 1.45 -16.46	40.11 1.70 -16.05	37.64 1.90 -10.79	52.61 1.84 -26.60	51.65 0.98 -37.70	35.48 3.01 0.00	41.31 3.35 -2.07	43.23 3.73 0.00	42.01 3.62 0.00	40.92 3.62 0.00	43.97 3.45 0.00	40.86 3.34 0.00	37.29 2.87 0.00	29.11 2.10 0.00

NARROWS_GT2_2 24237	26.35 0.83 -8.30	28.58 0.11 -26.25	27.56 -0.27 -33.52	30.00 0.52 -18.04	28.91 0.87 -11.41	27.79 1.28 -5.31	35.53 1.76 -7.84	31.22 1.82 -3.80	26.80 1.76 0.00	25.02 1.47 -2.59	35.83 1.45 -16.46	40.11 1.70 -16.05	37.64 1.90 -10.79	52.61 1.84 -26.60	51.65 0.98 -37.70	35.48 3.01 0.00	41.31 3.35 -2.07	43.23 3.73 0.00	42.01 3.62 0.00	40.92 3.62 0.00	43.97 3.45 0.00	40.86 3.34 0.00	37.29 2.87 0.00	29.11 2.10 0.00
NARROWS_GT2_3 24238	26.35 0.83 -8.30	28.58 0.11 -26.25	27.56 -0.27 -33.52	30.00 0.52 -18.04	28.91 0.87 -11.41	27.79 1.28 -5.31	35.53 1.76 -7.84	31.22 1.82 -3.80	26.80 1.76 0.00	25.02 1.47 -2.59	35.83 1.45 -16.46	40.11 1.70 -16.05	37.64 1.90 -10.79	52.61 1.84 -26.60	51.65 0.98 -37.70	35.48 3.01 0.00	41.31 3.35 -2.07	43.23 3.73 0.00	42.01 3.62 0.00	40.92 3.62 0.00	43.97 3.45 0.00	40.86 3.34 0.00	37.29 2.87 0.00	29.11 2.10 0.00
NARROWS_GT2_4 24239	26.35 0.83 -8.30	28.58 0.11 -26.25	27.56 -0.27 -33.52	30.00 0.52 -18.04	28.91 0.87 -11.41	27.79 1.28 -5.31	35.53 1.76 -7.84	31.22 1.82 -3.80	26.80 1.76 0.00	25.02 1.47 -2.59	35.83 1.45 -16.46	40.11 1.70 -16.05	37.64 1.90 -10.79	52.61 1.84 -26.60	51.65 0.98 -37.70	35.48 3.01 0.00	41.31 3.35 -2.07	43.23 3.73 0.00	42.01 3.62 0.00	40.92 3.62 0.00	43.97 3.45 0.00	40.86 3.34 0.00	37.29 2.87 0.00	29.11 2.10 0.00
NARROWS_GT2_5 24240	26.35 0.83 -8.30	28.58 0.11 -26.25	27.56 -0.27 -33.52	30.00 0.52 -18.04	28.91 0.87 -11.41	27.79 1.28 -5.31	35.53 1.76 -7.84	31.22 1.82 -3.80	26.80 1.76 0.00	25.02 1.47 -2.59	35.83 1.45 -16.46	40.11 1.70 -16.05	37.64 1.90 -10.79	52.61 1.84 -26.60	51.65 0.98 -37.70	35.48 3.01 0.00	41.31 3.35 -2.07	43.23 3.73 0.00	42.01 3.62 0.00	40.92 3.62 0.00	43.97 3.45 0.00	40.86 3.34 0.00	37.29 2.87 0.00	29.11 2.10 0.00
NARROWS_GT2_6 24241	26.35 0.83 -8.30	28.58 0.11 -26.25	27.56 -0.27 -33.52	30.00 0.52 -18.04	28.91 0.87 -11.41	27.79 1.28 -5.31	35.53 1.76 -7.84	31.22 1.82 -3.80	26.80 1.76 0.00	25.02 1.47 -2.59	35.83 1.45 -16.46	40.11 1.70 -16.05	37.64 1.90 -10.79	52.61 1.84 -26.60	51.65 0.98 -37.70	35.48 3.01 0.00	41.31 3.35 -2.07	43.23 3.73 0.00	42.01 3.62 0.00	40.92 3.62 0.00	43.97 3.45 0.00	40.86 3.34 0.00	37.29 2.87 0.00	29.11 2.10 0.00
NARROWS_GT2_7 24242	26.35 0.83 -8.30	28.58 0.11 -26.25	27.56 -0.27 -33.52	30.00 0.52 -18.04	28.91 0.87 -11.41	27.79 1.28 -5.31	35.53 1.76 -7.84	31.22 1.82 -3.80	26.80 1.76 0.00	25.02 1.47 -2.59	35.83 1.45 -16.46	40.11 1.70 -16.05	37.64 1.90 -10.79	52.61 1.84 -26.60	51.65 0.98 -37.70	35.48 3.01 0.00	41.31 3.35 -2.07	43.23 3.73 0.00	42.01 3.62 0.00	40.92 3.62 0.00	43.97 3.45 0.00	40.86 3.34 0.00	37.29 2.87 0.00	29.11 2.10 0.00
NARROWS_GT2_8 24243	26.35 0.83 -8.30	28.58 0.11 -26.25	27.56 -0.27 -33.52	30.00 0.52 -18.04	28.91 0.87 -11.41	27.79 1.28 -5.31	35.53 1.76 -7.84	31.22 1.82 -3.80	26.80 1.76 0.00	25.02 1.47 -2.59	35.83 1.45 -16.46	40.11 1.70 -16.05	37.64 1.90 -10.79	52.61 1.84 -26.60	51.65 0.98 -37.70	35.48 3.01 0.00	41.31 3.35 -2.07	43.23 3.73 0.00	42.01 3.62 0.00	40.92 3.62 0.00	43.97 3.45 0.00	40.86 3.34 0.00	37.29 2.87 0.00	29.11 2.10 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	27.89 0.86 -9.81	33.40 0.13 -31.06	33.70 -0.26 -39.65	33.31 0.53 -21.34	30.96 0.83 -13.50	28.67 1.19 -6.28	36.75 1.55 -9.27	31.69 1.59 -4.50	26.58 1.54 0.00	23.79 1.06 -1.78	38.28 0.88 -19.47	42.45 1.10 -18.98	38.90 1.19 -12.77	56.77 1.14 -31.47	58.17 0.60 -44.60	34.73 2.26 0.00	41.11 2.76 -2.45	42.68 3.18 0.00	41.47 3.08 0.00	40.27 2.97 0.00	43.61 3.09 0.00	40.21 2.69 0.00	36.74 2.32 0.00	28.98 1.97 0.00
NCHELSEA_115KV_TR2 355582	26.47 0.90 -8.36	28.77 0.11 -26.43	27.76 -0.30 -33.75	30.20 0.60 -18.17	29.08 0.96 -11.49	27.89 1.34 -5.35	35.60 1.78 -7.89	31.20 1.77 -3.83	26.73 1.69 0.00	23.70 1.40 -1.35	35.82 1.31 -16.57	40.11 1.59 -16.16	37.61 1.80 -10.87	52.70 1.75 -26.79	51.83 0.90 -37.96	35.25 2.78 0.00	41.15 3.17 -2.08	43.08 3.59 0.00	41.92 3.53 0.00	40.75 3.45 0.00	43.91 3.40 0.00	40.69 3.17 0.00	37.15 2.73 0.00	29.05 2.04 0.00
NEG CAPITAL___MECHNVIL 23645	28.56 0.76 -10.57	35.78 0.10 -33.46	36.80 -0.23 -42.72	34.91 0.48 -23.00	31.93 0.75 -14.55	29.03 1.07 -6.77	37.33 1.41 -9.99	31.88 1.43 -4.85	26.41 1.37 0.00	23.99 1.05 -1.98	39.84 0.93 -20.98	44.01 1.19 -20.45	40.10 1.40 -13.76	59.44 1.38 -33.90	61.73 0.71 -48.05	34.68 2.21 0.00	41.12 2.59 -2.64	42.42 2.93 0.00	41.19 2.80 0.00	40.01 2.71 0.00	43.28 2.76 0.00	40.00 2.48 0.00	36.60 2.19 0.00	28.69 1.68 0.00
NEG CENTRAL_HIGH_ACRES 23767	18.53 -0.40 -1.72	7.57 -0.08 -5.43	1.38 0.13 -6.94	14.87 -0.30 -3.73	18.53 -0.45 -2.36	21.70 -0.59 -1.10	26.80 -0.75 -1.62	25.47 -0.91 -0.78	24.30 -0.74 0.00	20.69 -0.54 -0.28	20.74 -0.59 -3.40	25.03 -0.64 -3.32	26.53 -0.64 -2.23	29.03 -0.62 -5.50	20.37 -0.39 -7.79	31.59 -0.88 0.00	35.02 -1.31 -0.43	38.03 -1.47 0.00	37.03 -1.36 0.00	35.95 -1.34 0.00	39.16 -1.35 0.00	36.15 -1.37 0.00	33.15 -1.27 0.00	26.13 -0.88 0.00
NEG CENTRAL___DRP 24199	19.07 0.08 -1.78	7.84 -0.01 -5.63	1.46 -0.04 -7.18	15.39 0.09 -3.87	19.20 0.13 -2.45	22.48 0.14 -1.14	27.85 0.22 -1.70	27.03 0.56 -0.88	25.51 0.47 0.00	21.34 0.10 -0.29	21.45 -0.01 -3.52	25.81 0.01 -3.44	27.28 0.03 -2.31	29.94 0.08 -5.70	21.06 0.01 -8.08	32.67 0.20 0.00	36.38 0.04 -0.44	39.53 0.04 0.00	38.51 0.12 0.00	37.41 0.11 0.00	40.70 0.19 0.00	37.76 0.24 0.00	34.58 0.16 0.00	27.22 0.20 0.00
NEG CENTRAL___INDECK 23768	19.64 0.30 -2.13	8.95 -0.01 -6.73	2.78 -0.13 -8.60	16.31 0.25 -4.63	19.97 0.42 -2.93	23.03 0.47 -1.36	28.63 0.68 -2.02	27.08 0.49 -0.98	25.60 0.56 0.00	21.67 0.38 -0.34	22.21 0.07 -4.20	26.64 0.18 -4.10	27.91 0.21 -2.76	31.25 0.29 -6.80	22.68 0.08 -9.62	32.94 0.47 0.00	36.52 0.09 -0.53	39.58 0.09 0.00	38.68 0.28 0.00	37.60 0.30 0.00	41.36 0.85 0.00	38.22 0.71 0.00	35.18 0.76 0.00	27.78 0.76 0.00
NEG CENTRAL___SENECA 23627	19.22 0.11 -1.90	8.20 -0.01 -5.99	1.91 -0.05 -7.65	15.67 0.12 -4.12	19.43 0.20 -2.61	22.64 0.23 -1.21	28.13 0.39 -1.81	27.50 0.94 -0.96	25.80 0.76 0.00	21.43 0.17 -0.30	21.70 0.03 -3.75	26.08 0.06 -3.66	27.51 0.11 -2.46	30.39 0.16 -6.07	21.59 0.03 -8.59	32.77 0.30 0.00	36.47 0.10 -0.47	39.55 0.05 0.00	38.59 0.19 0.00	37.45 0.15 0.00	40.87 0.36 0.00	37.95 0.44 0.00	34.75 0.33 0.00	27.38 0.36 0.00
NEG CENTRAL___STATE_STREET 24147	19.15 0.18 -1.75	7.77 0.01 -5.54	1.31 -0.08 -7.08	15.41 0.16 -3.81	19.24 0.21 -2.41	22.57 0.25 -1.12	27.80 0.21 -1.66	26.73 0.31 -0.82	25.42 0.38 0.00	21.45 0.22 -0.28	21.52 0.12 -3.48	25.93 0.17 -3.39	27.33 0.11 -2.28	29.91 0.12 -5.62	21.07 0.13 -7.97	32.82 0.34 0.00	36.58 0.25 -0.44	39.95 0.45 0.00	38.76 0.37 0.00	37.76 0.46 0.00	40.85 0.34 0.00	37.86 0.35 0.00	34.68 0.26 0.00	27.29 0.28 0.00



NEG MILLWOOD___DRP 24198	26.57 0.94 -8.41	28.96 0.12 -26.62	27.99 -0.31 -33.99	30.35 0.62 -18.30	29.20 1.00 -11.57	28.00 1.42 -5.38	35.76 1.88 -7.95	31.34 1.88 -3.86	26.83 1.79 0.00	24.20 1.50 -1.75	36.02 1.40 -16.69	40.33 1.69 -16.27	37.79 1.91 -10.94	53.01 1.87 -26.97	52.16 0.96 -38.23	35.41 2.94 0.00	41.35 3.35 -2.10	43.31 3.81 0.00	42.13 3.73 0.00	40.97 3.67 0.00	44.14 3.62 0.00	40.88 3.37 0.00	37.32 2.90 0.00	29.17 2.16 0.00
NEG NORTH_FLCN_SEA 23793	16.88 -0.65 -0.31	3.28 0.09 -0.97	-4.18 0.27 -1.24	11.58 -0.52 -0.67	16.19 -0.86 -0.42	19.52 -1.88 -0.20	23.43 -2.80 -0.30	23.49 -2.26 -0.15	22.53 -2.51 0.00	18.52 -2.49 -0.06	-2.40 -2.82 17.50	-15.25 -3.36 34.25	-21.03 -3.62 42.35	-22.70 -3.06 43.80	-23.68 -1.45 35.21	-21.59 -1.30 52.76	-21.15 -1.24 55.81	-21.14 -1.59 59.05	-21.16 -1.64 57.91	-21.13 -1.59 56.84	-21.17 -1.40 60.28	-21.08 -1.20 57.39	-12.26 -0.81 45.87	-12.59 -0.73 38.88
NEG NORTH_KES_CHATEGAY 23792	16.68 -0.85 -0.31	3.29 0.07 -1.00	-4.06 0.35 -1.28	11.46 -0.66 -0.69	16.00 -1.06 -0.43	19.29 -2.12 -0.21	23.25 -3.00 -0.31	23.35 -2.41 -0.16	22.34 -2.70 0.00	18.39 -2.63 -0.06	-3.37 -2.87 18.43	-17.08 -3.37 36.07	-23.61 -3.67 44.88	-23.03 -3.16 44.04	-23.94 -1.50 35.41	-25.75 -1.39 56.83	-25.32 -1.30 59.92	-25.55 -1.66 63.39	-25.46 -1.68 62.17	-25.33 -1.61 61.02	-25.63 -1.43 64.72	-25.36 -1.26 61.62	-15.82 -0.99 49.25	-15.63 -0.91 41.74
NEG NORTH___ALICE_FALLS 23915	16.91 -0.61 -0.31	3.29 0.09 -0.98	-4.18 0.26 -1.25	11.60 -0.51 -0.67	16.23 -0.82 -0.42	19.60 -1.81 -0.20	23.60 -2.64 -0.30	23.91 -1.85 -0.16	22.91 -2.14 0.00	18.85 -2.17 -0.06	-2.59 -2.47 18.05	-15.80 -2.83 35.33	-21.95 -3.05 43.85	-22.30 -2.52 43.94	-23.51 -1.15 35.33	-23.22 -0.52 55.17	-22.60 -0.25 58.24	-22.51 -0.38 61.63	-22.44 -0.39 60.44	-22.38 -0.36 59.32	-22.49 -0.09 62.91	-22.61 -0.22 59.90	-13.56 -0.10 47.87	-13.91 -0.35 40.57
NEG NORTH___LWR_SARANAC 23913	16.91 -0.61 -0.31	3.29 0.09 -0.98	-4.18 0.26 -1.25	11.60 -0.51 -0.67	16.23 -0.82 -0.42	19.60 -1.81 -0.20	23.60 -2.64 -0.30	23.91 -1.85 -0.16	22.91 -2.14 0.00	18.85 -2.17 -0.06	-2.59 -2.47 18.05	-15.80 -2.83 35.33	-21.95 -3.05 43.85	-22.30 -2.52 43.94	-23.51 -1.15 35.33	-23.22 -0.52 55.17	-22.60 -0.25 58.24	-22.51 -0.38 61.63	-22.44 -0.39 60.44	-22.38 -0.36 59.32	-22.49 -0.09 62.91	-22.61 -0.22 59.90	-13.56 -0.10 47.87	-13.91 -0.35 40.57
NEG NORTH___PLATTSBURG 23628	16.91 -0.61 -0.31	3.29 0.09 -0.98	-4.18 0.26 -1.25	11.60 -0.51 -0.67	16.23 -0.82 -0.42	19.60 -1.80 -0.20	23.60 -2.64 -0.30	23.88 -2.14 -0.16	22.90 -2.14 0.00	18.84 -2.17 -0.06	-2.59 -2.47 18.05	-15.81 -2.84 35.33	-21.95 -3.04 43.85	-22.30 -2.52 43.94	-23.51 -1.15 35.33	-23.22 -0.52 55.17	-22.60 -0.25 58.24	-22.51 -0.38 61.63	-22.44 -0.39 60.44	-22.39 -0.37 59.32	-22.49 -0.09 62.91	-22.61 -0.22 59.90	-13.56 -0.10 47.87	-13.91 -0.35 40.57
NEG WEST_LEA_LOCKPORT 23791	18.85 -0.31 -1.94	8.27 -0.10 -6.15	2.25 0.10 -7.85	15.38 -0.28 -4.22	18.87 -0.43 -2.67	21.74 -0.70 -1.24	26.80 -0.97 -1.84	25.25 -1.24 -0.89	24.12 -0.92 0.00	20.55 -0.72 -0.31	20.86 -0.89 -3.83	25.08 -1.01 -3.73	26.48 -0.97 -2.51	29.38 -0.96 -6.19	21.04 -0.66 -8.74	31.01 -1.46 0.00	34.04 -2.34 -0.48	36.81 -2.69 0.00	35.95 -2.44 0.00	34.93 -2.37 0.00	38.51 -2.01 0.00	35.54 -1.97 0.00	32.79 -1.63 0.00	26.17 -0.84 0.00
NEG WEST___LANCASTER 23811	19.87 0.55 -2.10	8.88 0.01 -6.65	2.63 -0.17 -8.50	16.31 0.31 -4.57	19.98 0.46 -2.89	22.99 0.44 -1.35	28.32 0.40 -1.99	26.75 0.18 -0.96	25.51 0.47 0.00	21.73 0.44 -0.33	22.17 0.11 -4.13	26.70 0.31 -4.03	28.05 0.40 -2.71	31.22 0.38 -6.68	22.40 0.00 -9.43	32.86 0.39 0.00	36.04 -0.38 -0.52	39.02 -0.48 0.00	38.16 -0.23 0.00	37.07 -0.23 0.00	40.69 0.17 0.00	37.61 0.09 0.00	34.77 0.35 0.00	27.56 0.54 0.00
NEG_PENN_ALLEGHNY 23528	20.70 0.23 -3.25	12.52 0.01 -10.29	7.36 -0.09 -13.14	18.71 0.20 -7.07	21.41 0.31 -4.48	23.62 0.34 -2.08	29.45 0.44 -3.08	27.48 0.39 -1.50	25.48 0.44 0.00	21.83 0.35 -0.53	24.73 0.29 -6.51	29.08 0.37 -6.35	29.61 0.40 -4.27	35.08 0.39 -10.52	28.04 0.16 -14.91	33.16 0.69 0.00	37.27 0.56 -0.82	40.14 0.65 0.00	39.12 0.73 0.00	37.98 0.68 0.00	41.26 0.74 0.00	38.22 0.71 0.00	35.05 0.62 0.00	27.53 0.52 0.00
NEG___GEN_MONROE 24207	19.08 0.10 -1.76	7.76 -0.03 -5.57	1.37 -0.04 -7.11	15.28 0.02 -3.83	19.03 -0.01 -2.42	22.29 -0.03 -1.13	27.51 -0.08 -1.66	26.15 -0.25 -0.80	24.97 -0.07 0.00	21.19 -0.05 -0.28	21.19 -0.21 -3.47	25.58 -0.17 -3.39	27.16 -0.06 -2.28	29.70 -0.08 -5.62	20.81 -0.12 -7.96	32.30 -0.17 0.00	35.71 -0.62 -0.44	38.80 -0.70 0.00	37.82 -0.57 0.00	36.73 -0.57 0.00	40.09 -0.42 0.00	36.94 -0.57 0.00	33.91 -0.51 0.00	26.83 -0.18 0.00
NEPA___ENERGY 23901	19.51 0.16 -2.13	8.94 -0.03 -6.75	2.88 -0.04 -8.61	16.16 0.09 -4.64	19.69 0.13 -2.93	22.62 0.05 -1.36	28.02 0.07 -2.02	26.42 -0.16 -0.98	25.09 0.05 0.00	21.33 0.04 -0.34	22.02 -0.09 -4.18	26.48 0.04 -4.08	27.68 0.00 -2.75	30.95 0.03 -6.77	22.31 -0.22 -9.56	32.18 -0.29 0.00	35.45 -0.97 -0.52	38.40 -1.10 0.00	37.66 -0.73 0.00	36.61 -0.69 0.00	40.12 -0.39 0.00	37.24 -0.28 0.00	34.39 -0.03 0.00	27.24 0.23 0.00
NEVERSINK___HYD 23608	25.21 0.64 -7.35	25.55 0.08 -23.25	23.77 -0.22 -29.69	27.87 0.45 -15.98	27.48 0.75 -10.11	26.98 1.08 -4.70	34.33 1.46 -6.94	30.46 1.49 -3.37	26.41 1.36 0.00	22.97 1.13 -0.88	33.54 1.03 -14.58	37.80 1.22 -14.22	35.84 1.34 -9.56	49.15 1.42 -23.57	47.06 0.69 -33.40	33.67 1.20 0.00	39.34 1.61 -1.83	41.44 1.95 0.00	40.31 1.92 0.00	39.19 1.89 0.00	42.37 1.86 0.00	40.27 2.75 0.00	36.72 2.30 0.00	28.67 1.66 0.00
NEWKRMKL_115KV_TB1 55635	28.00 0.37 -10.41	35.22 0.06 -32.94	36.27 -0.10 -42.06	34.28 0.20 -22.64	31.31 0.36 -14.32	28.43 0.57 -6.66	36.48 0.72 -9.84	31.11 0.73 -4.77	25.75 0.71 0.00	23.48 0.56 -1.96	39.11 0.53 -20.65	43.13 0.63 -20.13	39.25 0.76 -13.54	58.27 0.74 -33.37	60.63 0.36 -47.30	33.88 1.40 0.00	40.04 1.55 -2.60	41.21 1.71 0.00	40.03 1.63 0.00	38.90 1.60 0.00	42.09 1.58 0.00	38.95 1.43 0.00	35.65 1.23 0.00	28.16 1.15 0.00
NEWTON___FALLS_HYD 23847	17.09 -0.68 -0.56	3.99 0.00 -1.78	-3.19 0.24 -2.27	12.21 -0.45 -1.22	16.69 -0.70 -0.77	20.26 -1.30 -0.35	24.73 -1.70 -0.50	24.37 -1.48 -0.25	23.39 -1.65 0.00	19.34 -1.71 -0.09	-2.74 -1.90 18.77	-14.83 -2.09 35.10	7.42 -2.46 15.06	-25.78 -2.36 47.58	-26.63 -1.13 38.48	27.63 -1.31 3.54	41.04 -1.22 -6.36	44.92 -1.18 -6.61	43.55 -1.10 -6.26	42.44 -1.00 -6.14	45.91 -1.12 -6.51	42.64 -1.07 -6.20	38.84 -0.54 -4.96	30.88 -0.33 -4.20
NGRID_A1_DSASP 323792	18.42 -0.76 -1.96	8.27 -0.16 -6.20	2.47 0.25 -7.92	15.12 -0.58 -4.26	18.47 -0.85 -2.70	21.25 -1.21 -1.26	26.17 -1.62 -1.86	24.63 -1.87 -0.90	23.51 -1.53 0.00	20.06 -1.21 -0.31	20.47 -1.32 -3.86	24.60 -1.53 -3.76	25.91 -1.56 -2.53	28.85 -1.55 -6.24	20.80 -0.98 -8.80	30.21 -2.26 0.00	33.12 -3.26 -0.48	35.76 -3.74 0.00	34.92 -3.48 0.00	33.92 -3.38 0.00	37.30 -3.22 0.00	34.39 -3.12 0.00	31.78 -2.64 0.00	25.41 -1.61 0.00

NGRID_A2_DSASP 323793	18.42 -0.76 -1.96	8.27 -0.16 -6.20	2.47 0.25 -7.92	15.12 -0.58 -4.26	18.47 -0.85 -2.70	21.25 -1.21 -1.26	26.17 -1.62 -1.86	24.63 -1.87 -0.90	23.51 -1.53 0.00	20.06 -1.21 -0.31	20.47 -1.32 -3.86	24.60 -1.53 -3.76	25.91 -1.56 -2.53	28.85 -1.55 -6.24	20.80 -0.98 -8.80	30.21 -2.26 0.00	33.12 -3.26 -0.48	35.76 -3.74 0.00	34.92 -3.48 0.00	33.92 -3.38 0.00	37.30 -3.22 0.00	34.39 -3.12 0.00	31.78 -2.64 0.00	25.41 -1.61 0.00
NGRID_A4_DSASP 323807	18.42 -0.76 -1.96	8.27 -0.16 -6.20	2.47 0.25 -7.92	15.12 -0.58 -4.26	18.47 -0.85 -2.70	21.25 -1.21 -1.26	26.17 -1.62 -1.86	24.63 -1.87 -0.90	23.51 -1.53 0.00	20.06 -1.21 -0.31	20.47 -1.32 -3.86	24.60 -1.53 -3.76	25.91 -1.56 -2.53	28.85 -1.55 -6.24	20.80 -0.98 -8.80	30.21 -2.26 0.00	33.12 -3.26 -0.48	35.76 -3.74 0.00	34.92 -3.48 0.00	33.92 -3.38 0.00	37.30 -3.22 0.00	34.39 -3.12 0.00	31.78 -2.64 0.00	25.41 -1.61 0.00
NIAGARA_115E_LBMP 323715	18.61 -0.57 -1.96	8.30 -0.13 -6.21	2.42 0.19 -7.92	15.24 -0.46 -4.27	18.64 -0.68 -2.70	21.46 -0.99 -1.26	26.44 -1.35 -1.86	24.90 -1.60 -0.90	23.77 -1.27 0.00	20.27 -1.00 -0.31	20.65 -1.14 -3.86	24.84 -1.29 -3.77	26.15 -1.32 -2.53	29.10 -1.31 -6.24	20.94 -0.85 -8.81	30.54 -1.93 0.00	33.50 -2.88 -0.48	36.19 -3.31 0.00	35.35 -3.04 0.00	34.35 -2.95 0.00	37.78 -2.73 0.00	34.84 -2.67 0.00	32.20 -2.23 0.00	25.69 -1.33 0.00
NIAGARA_115W_LBMP 323714	18.37 -0.80 -1.96	8.26 -0.16 -6.19	2.48 0.26 -7.91	15.08 -0.61 -4.26	18.43 -0.89 -2.69	21.19 -1.27 -1.25	26.09 -1.69 -1.85	24.56 -1.94 -0.90	23.44 -1.60 0.00	20.00 -1.27 -0.31	20.42 -1.36 -3.85	24.53 -1.59 -3.76	25.83 -1.63 -2.53	28.78 -1.62 -6.23	20.75 -1.01 -8.79	30.12 -2.35 0.00	33.02 -3.36 -0.48	35.65 -3.85 0.00	34.81 -3.58 0.00	33.82 -3.48 0.00	37.18 -3.33 0.00	34.28 -3.23 0.00	31.69 -2.73 0.00	25.34 -1.68 0.00
NIAGARA_230_LBMP 323716	18.65 -0.51 -1.95	8.25 -0.13 -6.16	2.33 0.17 -7.86	15.25 -0.42 -4.23	18.67 -0.63 -2.68	21.51 -0.93 -1.24	26.47 -1.30 -1.84	24.94 -1.55 -0.89	23.80 -1.24 0.00	20.31 -0.95 -0.31	20.68 -1.07 -3.83	24.90 -1.20 -3.74	26.24 -1.21 -2.51	29.16 -1.20 -6.19	20.92 -0.79 -8.73	30.66 -1.81 0.00	33.62 -2.76 -0.48	36.31 -3.18 0.00	35.47 -2.93 0.00	34.46 -2.83 0.00	37.87 -2.65 0.00	34.92 -2.59 0.00	32.27 -2.15 0.00	25.70 -1.31 0.00
NIAGARA__115KV_198_GIBSON 55903	18.37 -0.81 -1.96	8.26 -0.16 -6.19	2.48 0.27 -7.91	15.08 -0.61 -4.26	18.42 -0.90 -2.69	21.17 -1.28 -1.25	26.08 -1.70 -1.85	24.55 -1.95 -0.90	23.43 -1.61 0.00	19.98 -1.28 -0.31	20.40 -1.39 -3.85	24.48 -1.64 -3.76	25.83 -1.63 -2.53	28.77 -1.62 -6.23	20.75 -1.02 -8.79	30.13 -2.34 0.00	33.03 -3.35 -0.48	35.66 -3.83 0.00	34.82 -3.57 0.00	33.82 -3.48 0.00	37.18 -3.34 0.00	34.29 -3.23 0.00	31.66 -2.76 0.00	25.37 -1.64 0.00
NIAGARA____ 23760	18.66 -0.51 -1.96	8.29 -0.13 -6.19	2.38 0.17 -7.91	15.27 -0.42 -4.25	18.68 -0.63 -2.69	21.52 -0.93 -1.25	26.48 -1.30 -1.85	24.94 -1.55 -0.89	23.80 -1.24 0.00	20.31 -0.95 -0.31	20.70 -1.07 -3.84	24.91 -1.20 -3.75	26.25 -1.21 -2.52	29.18 -1.20 -6.21	20.95 -0.79 -8.77	30.66 -1.81 0.00	33.62 -2.76 -0.48	36.31 -3.18 0.00	35.47 -2.93 0.00	34.46 -2.83 0.00	37.87 -2.65 0.00	34.92 -2.59 0.00	32.27 -2.15 0.00	25.70 -1.31 0.00
NINE_MILE_1 23575	17.95 -0.43 -1.17	5.85 -0.06 -3.69	-0.84 0.14 -4.71	13.68 -0.29 -2.53	17.77 -0.46 -1.60	21.30 -0.65 -0.75	26.16 -0.87 -1.10	25.26 -0.87 -0.54	24.23 -0.82 0.00	20.51 -0.63 -0.19	19.68 -0.57 -2.31	23.90 -0.73 -2.26	25.63 -0.83 -1.52	27.10 -0.81 -3.74	17.86 -0.42 -5.30	31.45 -1.02 0.00	34.94 -1.25 -0.29	38.14 -1.35 0.00	37.10 -1.30 0.00	36.03 -1.27 0.00	39.13 -1.39 0.00	36.20 -1.31 0.00	33.20 -1.22 0.00	26.08 -0.93 0.00
NINE_MILE_2 23744	17.95 -0.43 -1.16	5.83 -0.06 -3.68	-0.86 0.14 -4.69	13.67 -0.29 -2.52	17.76 -0.46 -1.60	21.29 -0.65 -0.74	26.16 -0.87 -1.10	25.26 -0.87 -0.53	24.23 -0.82 0.00	20.51 -0.63 -0.19	19.67 -0.57 -2.31	23.89 -0.72 -2.25	25.63 -0.82 -1.51	27.08 -0.81 -3.73	17.84 -0.42 -5.29	31.45 -1.02 0.00	34.94 -1.25 -0.29	38.14 -1.35 0.00	37.10 -1.30 0.00	36.03 -1.27 0.00	39.14 -1.38 0.00	36.21 -1.31 0.00	33.20 -1.22 0.00	26.08 -0.93 0.00
NM_CAPITAL__DRP 24208	28.01 0.41 -10.38	35.13 0.06 -32.84	36.13 -0.11 -41.93	34.25 0.24 -22.57	31.31 0.40 -14.28	28.47 0.62 -6.64	36.51 0.78 -9.81	31.14 0.78 -4.76	25.80 0.75 0.00	23.53 0.61 -1.96	39.09 0.58 -20.59	43.14 0.70 -20.08	39.27 0.83 -13.50	58.25 0.81 -33.27	60.53 0.39 -47.16	33.95 1.48 0.00	40.13 1.64 -2.59	41.30 1.80 0.00	40.12 1.73 0.00	38.99 1.69 0.00	42.21 1.70 0.00	39.06 1.55 0.00	35.77 1.35 0.00	28.21 1.20 0.00
NM_CENTRAL__DRP 24181	18.58 -0.07 -1.43	6.73 -0.02 -4.53	0.11 0.02 -5.78	14.50 -0.04 -3.11	18.51 -0.08 -1.97	21.93 -0.19 -0.92	27.00 -0.29 -1.36	25.94 -0.32 -0.66	24.79 -0.26 0.00	21.01 -0.18 -0.23	20.59 -0.18 -2.84	24.94 -0.20 -2.78	26.58 -0.23 -1.87	28.00 -0.21 -4.04	18.93 -0.11 -6.06	32.30 -0.16 0.00	35.86 -0.39 -0.36	39.09 -0.41 0.00	38.02 -0.37 0.00	36.92 -0.38 0.00	40.07 -0.45 0.00	37.05 -0.46 0.00	33.95 -0.47 0.00	26.67 -0.35 0.00
NM_FRONTIER__DRP 24179	18.37 -0.81 -1.96	8.26 -0.16 -6.19	2.48 0.27 -7.91	15.08 -0.61 -4.26	18.42 -0.90 -2.69	21.17 -1.28 -1.25	26.08 -1.70 -1.85	24.55 -1.95 -0.90	23.43 -1.61 0.00	19.98 -1.28 -0.31	20.40 -1.39 -3.85	24.48 -1.64 -3.76	25.83 -1.63 -2.53	28.77 -1.62 -6.23	20.75 -1.02 -8.79	30.13 -2.34 0.00	33.03 -3.35 -0.48	35.66 -3.83 0.00	34.82 -3.57 0.00	33.82 -3.48 0.00	37.18 -3.34 0.00	34.29 -3.23 0.00	31.66 -2.76 0.00	25.37 -1.64 0.00
NM_ST_REGIS__HYD 24053	16.85 -0.77 -0.40	3.54 0.04 -1.27	-3.79 0.27 -1.62	11.76 -0.55 -0.87	16.25 -0.93 -0.55	19.52 -1.94 -0.26	23.52 -2.79 -0.38	23.40 -2.39 -0.19	22.51 -2.54 0.00	18.66 -2.37 -0.07	4.07 -2.46 11.40	-1.58 -2.75 21.19	16.82 -3.08 5.04	-23.27 -2.80 44.62	-24.31 -1.35 35.93	40.73 -1.06 -9.33	49.95 -1.03 -15.08	54.06 -1.32 -15.88	52.39 -1.26 -15.25	51.11 -1.16 -14.97	55.37 -1.02 -15.88	51.71 -0.92 -15.12	46.10 -0.40 -12.08	36.92 -0.33 -10.24
NORTHPORT__1 23551	26.72 1.20 -8.30	28.66 0.19 -26.26	27.43 -0.40 -33.52	30.17 0.69 -18.05	29.27 1.23 -11.42	29.07 1.94 -5.93	36.16 2.39 -7.84	31.68 2.28 -3.81	27.09 2.05 0.00	25.25 1.72 -2.58	36.26 1.77 -16.57	40.57 2.13 -16.08	52.62 2.38 -25.30	89.02 2.46 -62.40	74.05 1.25 -59.83	51.87 3.51 -15.89	69.17 3.91 -29.37	69.59 4.48 -25.62	93.72 4.35 -50.97	77.01 4.27 -35.44	66.16 4.36 -21.28	47.65 4.10 -6.04	52.81 3.68 -14.72	33.92 2.75 -4.16
NORTHPORT__2 23552	26.72 1.20 -8.30	28.66 0.19 -26.26	27.43 -0.40 -33.52	30.17 0.69 -18.05	29.27 1.23 -11.42	29.07 1.94 -5.93	36.16 2.39 -7.84	31.68 2.28 -3.81	27.09 2.05 0.00	25.25 1.72 -2.58	36.26 1.77 -16.57	40.57 2.13 -16.08	52.62 2.38 -25.30	89.02 2.46 -62.40	74.05 1.25 -59.83	51.87 3.51 -15.89	69.17 3.91 -29.37	69.59 4.48 -25.62	93.72 4.35 -50.97	77.01 4.27 -35.44	66.16 4.36 -21.28	47.65 4.10 -6.04	52.81 3.68 -14.72	33.92 2.75 -4.16

NORTHPORT___3 23553	26.61 1.09 -8.30	28.65 0.17 -26.26	27.47 -0.36 -33.52	30.10 0.62 -18.05	29.17 1.13 -11.42	28.90 1.77 -5.93	35.93 2.16 -7.84	31.47 2.07 -3.81	26.98 1.94 0.00	25.14 1.60 -2.58	36.15 1.65 -16.56	40.46 2.02 -16.08	52.54 2.25 -25.36	88.78 2.30 -62.32	73.91 1.16 -59.77	51.70 3.29 -15.94	68.99 3.60 -29.50	70.63 4.26 -26.87	94.81 4.07 -52.35	76.76 3.99 -35.47	65.70 3.97 -21.21	47.30 3.77 -6.02	52.45 3.33 -14.70	33.71 2.55 -4.15
NORTHPORT___4 23650	26.61 1.09 -8.30	28.65 0.17 -26.26	27.47 -0.36 -33.52	30.10 0.62 -18.05	29.17 1.13 -11.42	28.90 1.77 -5.93	35.93 2.16 -7.84	31.47 2.07 -3.81	26.98 1.94 0.00	25.14 1.60 -2.58	36.15 1.65 -16.56	40.46 2.02 -16.08	52.54 2.25 -25.36	88.78 2.30 -62.32	73.91 1.16 -59.77	51.70 3.29 -15.94	68.99 3.60 -29.50	70.63 4.26 -26.87	94.81 4.07 -52.35	76.76 3.99 -35.47	65.70 3.97 -21.21	47.30 3.77 -6.02	52.45 3.33 -14.70	33.71 2.55 -4.15
NORTHPORT___IC 23718	26.72 1.20 -8.30	28.66 0.19 -26.26	27.43 -0.40 -33.52	30.17 0.69 -18.05	29.27 1.23 -11.42	29.07 1.94 -5.93	36.16 2.39 -7.84	31.68 2.28 -3.81	27.09 2.05 0.00	25.25 1.72 -2.58	36.26 1.77 -16.57	40.57 2.13 -16.08	52.62 2.38 -25.30	89.02 2.46 -62.40	74.05 1.25 -59.83	51.87 3.51 -15.89	69.17 3.91 -29.37	69.59 4.48 -25.62	93.72 4.35 -50.97	77.01 4.27 -35.44	66.16 4.36 -21.28	47.65 4.10 -6.04	52.81 3.68 -14.72	33.92 2.75 -4.16
NORTH___COUNTRY_ESR 323785	16.61 -0.92 -0.32	3.28 0.06 -1.00	-4.04 0.37 -1.28	11.41 -0.71 -0.69	15.94 -1.12 -0.43	19.21 -2.20 -0.21	23.13 -3.11 -0.31	23.20 -2.56 -0.16	22.23 -2.82 0.00	18.30 -2.72 -0.06	-3.45 -2.94 18.44	-17.20 -3.46 36.10	-23.72 -3.75 44.91	-23.07 -3.20 44.04	-23.98 -1.54 35.42	-25.91 -1.51 56.87	-25.52 -1.45 59.96	-25.78 -1.83 63.44	-25.68 -1.85 62.22	-25.55 -1.78 61.06	-25.85 -1.60 64.77	-25.58 -1.43 61.66	-15.99 -1.13 49.28	-15.77 -1.02 41.77
NPX_GEN_1385_PROXY 323591	26.46 1.07 -8.17	28.67 0.20 -26.26	27.41 -0.42 -33.52	30.10 0.61 -18.05	29.27 1.23 -11.42	29.22 2.09 -5.93	36.13 2.36 -7.84	31.72 2.32 -3.81	26.72 1.68 0.00	24.87 1.33 -2.58	36.18 1.68 -16.57	40.25 1.81 -16.08	52.15 1.91 -25.30	88.96 2.40 -62.40	73.94 1.14 -59.83	51.27 2.91 -15.89	68.34 3.08 -29.37	68.67 3.56 -25.62	92.60 3.24 -50.97	75.96 3.22 -35.44	65.69 3.90 -21.28	47.26 3.71 -6.04	53.08 3.95 -14.72	33.95 2.78 -4.16
NPX_GEN_CSC 323557	26.86 1.47 -8.17	28.70 0.23 -26.26	27.35 -0.48 -33.52	30.34 0.85 -18.05	29.51 1.47 -11.42	29.40 2.28 -5.93	36.66 2.89 -7.84	32.14 2.73 -3.81	27.51 2.47 0.00	25.59 2.06 -2.58	36.52 2.00 -16.59	40.88 2.43 -16.09	53.27 2.82 -25.52	89.28 2.91 -62.21	74.20 1.51 -59.72	52.82 4.19 -16.16	70.50 4.84 -29.76	92.21 5.67 -47.04	212.44 5.52 -168.53	97.59 5.39 -54.90	67.18 5.50 -21.16	48.59 5.07 -6.01	53.57 4.47 -14.68	34.48 3.33 -4.14
NSINS_S__GLNS_FALLS 23858	28.38 0.51 -10.65	35.97 0.07 -33.69	37.17 -0.14 -43.01	34.91 0.32 -23.16	31.78 0.51 -14.65	28.82 0.81 -6.81	37.19 1.20 -10.06	31.72 1.25 -4.88	26.18 1.14 0.00	23.77 0.83 -1.99	39.84 0.79 -21.12	43.93 0.97 -20.59	39.94 1.15 -13.85	59.48 1.19 -34.13	61.94 0.60 -48.37	34.43 1.96 0.00	41.00 2.45 -2.66	42.31 2.82 0.00	41.05 2.66 0.00	39.81 2.51 0.00	42.96 2.44 0.00	39.70 2.19 0.00	36.40 1.99 0.00	28.48 1.47 0.00
NUCOR_STEEL___DRP 24197	19.10 0.18 -1.71	7.64 0.01 -5.41	1.15 -0.07 -6.91	15.31 0.16 -3.72	19.17 0.19 -2.35	22.52 0.23 -1.10	27.71 0.15 -1.62	26.64 0.24 -0.80	25.36 0.32 0.00	21.42 0.19 -0.27	21.43 0.10 -3.40	25.83 0.16 -3.31	27.24 0.08 -2.23	29.34 0.09 -5.09	20.54 0.12 -7.45	32.76 0.30 0.00	36.50 0.18 -0.43	39.88 0.38 0.00	38.66 0.27 0.00	37.68 0.38 0.00	40.75 0.23 0.00	37.78 0.27 0.00	34.62 0.20 0.00	27.25 0.24 0.00
NUMBER_THREE_WT_PWR 323818	17.59 -0.28 -0.65	4.28 -0.01 -2.06	-2.94 0.11 -2.64	12.70 -0.16 -1.42	17.33 -0.19 -0.90	21.33 -0.28 -0.41	26.32 -0.18 -0.57	25.82 -0.07 -0.29	24.76 -0.28 0.00	20.40 -0.66 -0.11	-12.88 -1.06 29.75	-33.99 -1.01 55.35	-2.36 -1.34 25.95	-33.99 -1.43 56.72	-33.99 -0.61 46.36	17.47 -1.08 13.92	38.08 -0.87 -3.05	42.01 -0.55 -3.07	40.84 -0.47 -2.91	39.82 -0.34 -2.86	42.89 -0.66 -3.03	39.73 -0.67 -2.88	36.49 -0.24 -2.31	28.98 0.02 -1.95
NYISO_LBMP_REFERENCE 24008	17.22 0.00 0.00	2.22 0.00 0.00	-5.69 0.00 0.00	11.43 0.00 0.00	16.62 0.00 0.00	21.20 0.00 0.00	25.93 0.00 0.00	25.60 0.00 0.00	25.04 0.00 0.00	20.95 0.00 0.00	17.93 0.00 0.00	22.36 0.00 0.00	24.94 0.00 0.00	24.16 0.00 0.00	12.97 0.00 0.00	32.47 0.00 0.00	35.90 0.00 0.00	39.50 0.00 0.00	38.39 0.00 0.00	37.30 0.00 0.00	40.52 0.00 0.00	37.51 0.00 0.00	34.42 0.00 0.00	27.01 0.00 0.00
NYPA_BRENTWD____GT 24164	26.91 1.40 -8.30	28.69 0.21 -26.26	27.37 -0.46 -33.52	30.30 0.81 -18.05	29.45 1.41 -11.42	29.29 2.17 -5.92	36.51 2.74 -7.84	32.05 2.64 -3.81	27.45 2.40 0.00	25.53 1.99 -2.58	36.51 1.96 -16.62	40.87 2.41 -16.10	53.43 2.72 -25.78	88.93 2.80 -61.97	74.00 1.43 -59.59	52.95 4.00 -16.48	70.68 4.53 -30.25	77.38 5.12 -32.77	123.41 5.02 -80.00	83.26 5.00 -40.96	66.63 5.09 -21.02	48.21 4.73 -5.97	53.25 4.20 -14.64	34.25 3.13 -4.11
NYPA_GOWANUS____GT5 24156	26.35 0.83 -8.30	28.58 0.11 -26.25	27.56 -0.27 -33.52	30.00 0.52 -18.04	28.91 0.87 -11.41	27.79 1.28 -5.31	35.53 1.76 -7.84	31.22 1.82 -3.80	26.80 1.76 0.00	25.02 1.47 -2.59	35.83 1.45 -16.46	40.11 1.70 -16.05	37.64 1.90 -10.79	52.61 1.84 -26.60	51.65 0.98 -37.70	35.48 3.01 0.00	41.31 3.35 -2.07	43.23 3.73 0.00	42.01 3.62 0.00	40.92 3.62 0.00	43.97 3.45 0.00	40.86 3.34 0.00	37.29 2.87 0.00	29.11 2.10 0.00
NYPA_GOWANUS____GT6 24157	26.35 0.83 -8.30	28.58 0.11 -26.25	27.56 -0.27 -33.52	30.00 0.52 -18.04	28.91 0.87 -11.41	27.79 1.28 -5.31	35.53 1.76 -7.84	31.22 1.82 -3.80	26.80 1.76 0.00	25.02 1.47 -2.59	35.83 1.45 -16.46	40.11 1.70 -16.05	37.64 1.90 -10.79	52.61 1.84 -26.60	51.65 0.98 -37.70	35.48 3.01 0.00	41.31 3.35 -2.07	43.23 3.73 0.00	42.01 3.62 0.00	40.92 3.62 0.00	43.97 3.45 0.00	40.86 3.34 0.00	37.29 2.87 0.00	29.11 2.10 0.00
NYPA_HARLEM__RVR__GT1 24160	26.21 0.69 -8.30	28.56 0.09 -26.25	27.60 -0.22 -33.52	29.92 0.44 -18.04	28.78 0.75 -11.41	27.64 1.14 -5.31	35.39 1.62 -7.84	31.09 1.68 -3.80	26.63 1.59 0.00	24.87 1.33 -2.59	35.79 1.40 -16.46	39.94 1.53 -16.05	37.46 1.73 -10.79	52.49 1.73 -26.60	51.57 0.89 -37.70	35.25 2.79 0.00	41.09 3.13 -2.07	43.01 3.52 0.00	41.78 3.39 0.00	40.65 3.35 0.00	43.75 3.24 0.00	40.58 3.06 0.00	36.98 2.56 0.00	28.90 1.90 0.00
NYPA_HARLEM__RVR__GT2 24161	26.21 0.69 -8.30	28.56 0.09 -26.25	27.60 -0.22 -33.52	29.92 0.44 -18.04	28.78 0.75 -11.41	27.64 1.14 -5.31	35.39 1.62 -7.84	31.09 1.68 -3.80	26.63 1.59 0.00	24.87 1.33 -2.59	35.79 1.40 -16.46	39.94 1.53 -16.05	37.46 1.73 -10.79	52.49 1.73 -26.60	51.57 0.89 -37.70	35.25 2.79 0.00	41.09 3.13 -2.07	43.01 3.52 0.00	41.78 3.39 0.00	40.65 3.35 0.00	43.75 3.24 0.00	40.58 3.06 0.00	36.98 2.56 0.00	28.90 1.90 0.00

NYPA_KENT____GT 24152	26.34 0.83 -8.30	28.58 0.11 -26.25	27.56 -0.27 -33.52	29.99 0.51 -18.04	28.90 0.86 -11.41	27.77 1.27 -5.31	35.51 1.74 -7.84	31.21 1.80 -3.80	26.77 1.73 0.00	25.00 1.46 -2.59	35.83 1.44 -16.46	40.11 1.70 -16.05	37.64 1.90 -10.79	52.60 1.84 -26.60	51.64 0.96 -37.70	35.44 2.97 0.00	41.30 3.33 -2.07	43.21 3.72 0.00	41.98 3.59 0.00	40.87 3.57 0.00	43.93 3.41 0.00	40.81 3.30 0.00	37.25 2.83 0.00	29.10 2.09 0.00
NYPA_POUCH1____GT 24155	26.32 0.81 -8.30	28.57 0.10 -26.25	27.58 -0.25 -33.52	29.96 0.48 -18.04	28.86 0.82 -11.41	27.72 1.21 -5.31	35.44 1.67 -7.84	31.14 1.74 -3.80	26.74 1.70 0.00	24.96 1.42 -2.59	35.78 1.39 -16.46	40.04 1.63 -16.05	37.55 1.82 -10.79	52.52 1.76 -26.60	51.66 0.98 -37.70	35.40 2.93 0.00	41.21 3.24 -2.07	43.10 3.60 0.00	41.89 3.50 0.00	40.84 3.55 0.00	43.85 3.34 0.00	40.78 3.27 0.00	37.28 2.86 0.00	29.07 2.06 0.00
NYPA_VERNON____GT2 24162	26.33 0.82 -8.30	28.58 0.11 -26.25	27.56 -0.26 -33.52	29.99 0.51 -18.04	28.89 0.85 -11.41	27.76 1.25 -5.31	35.49 1.72 -7.84	31.19 1.78 -3.80	26.75 1.71 0.00	24.99 1.44 -2.59	35.83 1.44 -16.46	40.10 1.69 -16.05	37.63 1.90 -10.79	52.60 1.84 -26.60	51.63 0.95 -37.70	35.42 2.94 0.00	41.27 3.30 -2.07	43.19 3.69 0.00	41.95 3.55 0.00	40.80 3.50 0.00	43.89 3.38 0.00	40.77 3.26 0.00	37.21 2.79 0.00	29.09 2.08 0.00
NYPA_VERNON____GT3 24163	26.33 0.82 -8.30	28.58 0.11 -26.25	27.56 -0.26 -33.52	29.99 0.51 -18.04	28.89 0.85 -11.41	27.76 1.25 -5.31	35.49 1.72 -7.84	31.19 1.78 -3.80	26.75 1.71 0.00	24.99 1.44 -2.59	35.83 1.44 -16.46	40.10 1.69 -16.05	37.63 1.90 -10.79	52.60 1.84 -26.60	51.63 0.95 -37.70	35.42 2.94 0.00	41.27 3.30 -2.07	43.19 3.69 0.00	41.95 3.55 0.00	40.80 3.50 0.00	43.89 3.38 0.00	40.77 3.26 0.00	37.21 2.79 0.00	29.09 2.08 0.00
NYPA____ASTORIA_CC1 323568	26.30 0.79 -8.30	28.58 0.10 -26.25	27.57 -0.25 -33.52	29.96 0.49 -18.04	28.86 0.82 -11.41	27.71 1.21 -5.31	35.44 1.68 -7.84	31.14 1.74 -3.80	26.70 1.66 0.00	24.94 1.40 -2.59	35.80 1.41 -16.46	40.06 1.65 -16.05	37.59 1.86 -10.79	52.55 1.79 -26.60	51.60 0.93 -37.70	35.35 2.88 0.00	41.20 3.23 -2.07	43.11 3.61 0.00	41.88 3.48 0.00	40.73 3.43 0.00	43.82 3.30 0.00	40.72 3.21 0.00	37.17 2.75 0.00	29.06 2.04 0.00
NYPA____ASTORIA_CC2 323569	26.30 0.79 -8.30	28.58 0.10 -26.25	27.57 -0.25 -33.52	29.96 0.49 -18.04	28.86 0.82 -11.41	27.71 1.21 -5.31	35.44 1.68 -7.84	31.14 1.74 -3.80	26.70 1.66 0.00	24.94 1.40 -2.59	35.80 1.41 -16.46	40.06 1.65 -16.05	37.59 1.86 -10.79	52.55 1.79 -26.60	51.60 0.93 -37.70	35.35 2.88 0.00	41.20 3.23 -2.07	43.11 3.61 0.00	41.88 3.48 0.00	40.73 3.43 0.00	43.82 3.30 0.00	40.72 3.21 0.00	37.17 2.75 0.00	29.06 2.04 0.00
NYPA____HOLTSVILL 23794	26.85 1.34 -8.30	28.68 0.21 -26.26	27.40 -0.43 -33.52	30.25 0.77 -18.05	29.38 1.34 -11.42	29.21 2.09 -5.93	36.40 2.64 -7.84	31.92 2.52 -3.81	27.32 2.28 0.00	25.44 1.91 -2.58	36.40 1.89 -16.59	40.74 2.29 -16.09	53.05 2.61 -25.50	89.07 2.68 -62.23	74.08 1.38 -59.73	52.47 3.87 -16.13	70.05 4.42 -29.73	92.27 5.16 -47.62	212.82 5.01 -169.41	97.21 4.90 -55.01	66.68 4.99 -21.17	48.15 4.63 -6.01	53.19 4.09 -14.68	34.20 3.05 -4.14
NYPA____HELLGATE_GT1 24158	26.19 0.67 -8.30	28.56 0.09 -26.25	27.61 -0.22 -33.52	29.90 0.42 -18.04	28.76 0.72 -11.41	27.62 1.12 -5.31	35.37 1.60 -7.84	31.07 1.66 -3.80	26.62 1.58 0.00	24.86 1.32 -2.59	35.80 1.41 -16.46	39.92 1.51 -16.05	37.44 1.71 -10.79	52.48 1.72 -26.60	51.56 0.88 -37.70	35.24 2.77 0.00	41.07 3.11 -2.07	42.99 3.49 0.00	41.76 3.37 0.00	40.62 3.32 0.00	43.72 3.20 0.00	40.54 3.03 0.00	36.94 2.52 0.00	28.86 1.86 0.00
NYPA____HELLGATE_GT2 24159	26.19 0.67 -8.30	28.56 0.09 -26.25	27.61 -0.22 -33.52	29.90 0.42 -18.04	28.76 0.72 -11.41	27.62 1.12 -5.31	35.37 1.60 -7.84	31.07 1.66 -3.80	26.62 1.58 0.00	24.86 1.32 -2.59	35.80 1.41 -16.46	39.92 1.51 -16.05	37.44 1.71 -10.79	52.48 1.72 -26.60	51.56 0.88 -37.70	35.24 2.77 0.00	41.07 3.11 -2.07	42.99 3.49 0.00	41.76 3.37 0.00	40.62 3.32 0.00	43.72 3.20 0.00	40.54 3.03 0.00	36.94 2.52 0.00	28.86 1.86 0.00
NYS_BARGE____HYD 23848	18.86 -0.29 -1.94	8.24 -0.09 -6.12	2.21 0.10 -7.81	15.37 -0.27 -4.21	18.88 -0.41 -2.66	21.79 -0.65 -1.24	26.86 -0.90 -1.83	25.34 -1.15 -0.88	24.20 -0.84 0.00	20.62 -0.64 -0.31	20.91 -0.82 -3.81	25.17 -0.90 -3.71	26.53 -0.90 -2.50	29.42 -0.89 -6.16	21.04 -0.63 -8.70	31.11 -1.36 0.00	34.15 -2.23 -0.48	36.93 -2.57 0.00	36.07 -2.32 0.00	35.04 -2.25 0.00	38.60 -1.92 0.00	35.60 -1.91 0.00	32.85 -1.57 0.00	26.17 -0.84 0.00
OAK_ORCHARD____HYD 24046	18.88 -0.09 -1.75	7.72 -0.05 -5.54	1.42 0.03 -7.08	15.13 -0.11 -3.81	18.86 -0.18 -2.41	22.05 -0.27 -1.12	27.21 -0.37 -1.66	25.92 -0.48 -0.80	24.74 -0.30 0.00	21.03 -0.20 -0.28	21.06 -0.33 -3.46	25.43 -0.30 -3.38	26.96 -0.26 -2.27	29.51 -0.24 -5.60	20.68 -0.22 -7.93	32.04 -0.43 0.00	35.43 -0.90 -0.43	38.46 -1.04 0.00	37.48 -0.91 0.00	36.39 -0.91 0.00	39.72 -0.80 0.00	36.62 -0.89 0.00	33.63 -0.79 0.00	26.56 -0.45 0.00
OAKDALE__35_KV_LOAD 356122	20.66 0.20 -3.24	12.46 0.01 -10.24	7.30 -0.08 -13.07	18.66 0.18 -7.04	21.36 0.28 -4.45	23.56 0.29 -2.07	29.36 0.36 -3.06	27.41 0.32 -1.49	25.42 0.38 0.00	21.78 0.30 -0.53	24.67 0.26 -6.48	29.02 0.33 -6.32	29.54 0.35 -4.25	34.98 0.34 -10.48	27.95 0.14 -14.84	33.08 0.61 0.00	37.18 0.47 -0.81	40.06 0.56 0.00	39.02 0.63 0.00	37.89 0.59 0.00	41.16 0.64 0.00	38.13 0.61 0.00	34.96 0.54 0.00	27.48 0.47 0.00
OCC_CHEM____DRP 24175	18.42 -0.76 -1.96	8.27 -0.16 -6.20	2.47 0.25 -7.92	15.12 -0.58 -4.26	18.47 -0.85 -2.70	21.23 -1.22 -1.26	26.15 -1.64 -1.86	24.61 -1.89 -0.90	23.50 -1.54 0.00	20.05 -1.22 -0.31	20.45 -1.34 -3.86	24.54 -1.58 -3.76	25.91 -1.56 -2.53	28.84 -1.55 -6.24	20.79 -0.98 -8.80	30.22 -2.25 0.00	33.12 -3.26 -0.48	35.77 -3.73 0.00	34.93 -3.47 0.00	33.93 -3.37 0.00	37.30 -3.22 0.00	34.39 -3.13 0.00	31.76 -2.66 0.00	25.44 -1.58 0.00
OH_GEN_PROXY 24063	18.56 -0.47 -1.82	8.26 -0.11 -6.15	2.32 0.16 -7.86	15.28 -0.39 -4.23	18.71 -0.59 -2.68	21.57 -0.87 -1.24	23.52 -1.22 1.19	25.02 -1.46 -0.89	23.88 -1.17 0.00	20.38 -0.89 -0.31	20.75 -1.01 -3.83	24.99 -1.10 -3.73	26.34 -1.11 -2.51	29.25 -1.09 -6.19	20.96 -0.74 -8.73	30.80 -1.67 0.00	33.77 -2.61 -0.48	36.48 -3.01 0.00	35.62 -2.78 0.00	34.62 -2.68 0.00	38.03 -2.49 0.00	35.08 -2.43 0.00	32.42 -2.00 0.00	25.78 -1.23 0.00
OLIN_CORP_DRP 24177	18.64 -0.55 -1.97	8.32 -0.13 -6.23	2.44 0.18 -7.96	15.27 -0.44 -4.28	18.67 -0.66 -2.71	21.47 -0.98 -1.26	26.47 -1.32 -1.86	24.93 -1.58 -0.90	23.80 -1.24 0.00	20.29 -0.98 -0.31	20.68 -1.12 -3.87	24.84 -1.31 -3.78	26.20 -1.28 -2.54	29.15 -1.28 -6.27	20.99 -0.83 -8.85	30.60 -1.87 0.00	33.57 -2.81 -0.49	36.26 -3.23 0.00	35.43 -2.97 0.00	34.41 -2.89 0.00	37.84 -2.68 0.00	34.90 -2.62 0.00	32.22 -2.20 0.00	25.75 -1.27 0.00

OLIN_CORP_DSASP 323712	18.42 -0.76 -1.96	8.27 -0.16 -6.20	2.47 0.25 -7.92	15.12 -0.58 -4.26	18.47 -0.85 -2.70	21.25 -1.21 -1.26	26.17 -1.62 -1.86	24.63 -1.87 -0.90	23.51 -1.53 0.00	20.06 -1.21 -0.31	20.47 -1.32 -3.86	24.60 -1.53 -3.76	25.91 -1.56 -2.53	28.85 -1.55 -6.24	20.80 -0.98 -8.80	30.21 -2.26 0.00	33.12 -3.26 -0.48	35.76 -3.74 0.00	34.92 -3.48 0.00	33.92 -3.38 0.00	37.30 -3.22 0.00	34.39 -3.12 0.00	31.78 -2.64 0.00	25.41 -1.61 0.00
ONEIDA_HERK_LFGE 323681	17.88 0.11 -0.55	4.00 0.03 -1.75	-3.49 -0.03 -2.23	12.72 0.09 -1.20	17.53 0.14 -0.76	21.75 0.20 -0.35	26.79 0.36 -0.50	26.27 0.42 -0.25	25.36 0.31 0.00	21.09 0.04 -0.09	27.08 -0.18 -9.33	38.43 -0.04 -16.11	32.84 -0.16 -8.05	36.40 -0.17 -12.41	24.52 -0.02 -11.57	39.43 0.25 -6.70	37.85 0.45 -1.50	41.68 0.73 -1.46	40.51 0.73 -1.38	39.40 0.75 -1.36	42.57 0.62 -1.43	39.38 0.50 -1.37	36.07 0.56 -1.09	28.46 0.52 -0.93
ONEIDA___115KV_TB4 55905	18.52 0.40 -0.91	5.14 0.05 -2.87	-2.16 -0.13 -3.67	13.69 0.28 -1.98	18.29 0.42 -1.25	22.33 0.54 -0.58	27.54 0.76 -0.85	26.82 0.80 -0.42	25.77 0.73 0.00	21.58 0.48 -0.15	22.79 0.31 -4.55	29.63 0.49 -6.78	29.07 0.50 -3.63	31.05 0.55 -6.34	20.35 0.33 -7.06	35.49 1.06 -1.96	37.32 1.20 -0.22	40.93 1.44 0.00	39.78 1.38 0.00	38.62 1.32 0.00	41.82 1.30 0.00	38.65 1.13 0.00	35.41 0.99 0.00	27.82 0.80 0.00
ONONDAGA_REF_OCCRA 23987	18.87 0.05 -1.61	7.29 0.00 -5.07	0.77 -0.02 -6.48	14.96 0.04 -3.49	18.87 0.04 -2.21	22.21 -0.01 -1.03	27.39 -0.06 -1.52	26.27 -0.08 -0.74	25.01 -0.03 0.00	21.21 0.00 -0.26	21.08 -0.03 -3.19	25.45 -0.02 -3.11	27.00 -0.03 -2.09	28.81 -0.02 -4.66	19.86 -0.01 -6.90	32.59 0.11 0.00	36.26 -0.04 -0.40	39.48 -0.02 0.00	38.42 0.02 0.00	37.29 -0.01 0.00	40.48 -0.03 0.00	37.44 -0.08 0.00	34.29 -0.14 0.00	26.93 -0.08 0.00
ONONDAGA___COGEN 23986	18.78 0.02 -1.55	7.12 0.00 -4.90	0.56 -0.02 -6.26	14.83 0.02 -3.37	18.78 0.02 -2.13	22.17 -0.02 -0.99	27.31 -0.09 -1.47	26.24 -0.08 -0.72	25.00 -0.04 0.00	21.17 -0.03 -0.25	20.95 -0.06 -3.08	25.30 -0.07 -3.01	26.87 -0.10 -2.02	28.59 -0.09 -4.52	19.62 -0.03 -6.68	32.49 0.02 0.00	36.15 -0.13 -0.39	39.40 -0.10 0.00	38.32 -0.07 0.00	37.23 -0.08 0.00	40.38 -0.13 0.00	37.36 -0.14 0.00	34.24 -0.18 0.00	26.88 -0.13 0.00
ONTARIO___LFGE 23819	19.22 0.11 -1.90	8.20 -0.01 -5.99	1.91 -0.05 -7.65	15.67 0.12 -4.12	19.43 0.20 -2.61	22.64 0.23 -1.21	28.14 0.40 -1.81	27.50 0.94 -0.96	25.80 0.76 0.00	21.43 0.17 -0.30	21.70 0.03 -3.75	26.08 0.07 -3.66	27.51 0.11 -2.46	30.39 0.16 -6.07	21.58 0.02 -8.59	32.77 0.30 0.00	36.47 0.10 -0.47	39.54 0.05 0.00	38.58 0.19 0.00	37.46 0.16 0.00	40.86 0.35 0.00	37.95 0.44 0.00	34.77 0.35 0.00	27.37 0.36 0.00
ORANGEVILLE_WT_PWR 323706	19.01 -0.41 -2.21	9.09 -0.10 -6.97	3.32 0.10 -8.91	16.01 -0.22 -4.80	19.42 -0.24 -3.03	22.14 -0.47 -1.41	27.39 -0.62 -2.09	25.71 -0.90 -1.01	24.26 -0.78 0.00	20.54 -0.77 -0.35	21.39 -0.88 -4.35	25.58 -1.02 -4.24	26.71 -1.08 -2.85	30.17 -1.02 -7.03	22.20 -0.71 -9.93	30.94 -1.53 0.00	34.18 -2.26 -0.55	36.90 -2.60 0.00	36.13 -2.27 0.00	35.21 -2.09 0.00	39.00 -1.52 0.00	36.22 -1.29 0.00	33.53 -0.88 0.00	26.64 -0.38 0.00
ORANGEVILLE___ESR 323794	19.01 -0.41 -2.21	9.09 -0.10 -6.97	3.32 0.10 -8.91	16.01 -0.22 -4.80	19.42 -0.24 -3.03	22.14 -0.47 -1.41	27.39 -0.62 -2.09	25.71 -0.90 -1.01	24.26 -0.78 0.00	20.54 -0.77 -0.35	21.39 -0.88 -4.35	25.58 -1.02 -4.24	26.71 -1.08 -2.85	30.17 -1.02 -7.03	22.20 -0.71 -9.93	30.94 -1.53 0.00	34.18 -2.26 -0.55	36.90 -2.60 0.00	36.13 -2.27 0.00	35.21 -2.09 0.00	39.00 -1.52 0.00	36.22 -1.29 0.00	33.53 -0.88 0.00	26.64 -0.38 0.00
OSWEGATCHIE___HYD 24044	17.09 -0.68 -0.56	3.99 -0.01 -1.78	-3.19 0.24 -2.27	12.21 -0.45 -1.22	16.69 -0.70 -0.77	20.26 -1.30 -0.35	24.73 -1.70 -0.50	24.36 -1.50 -0.25	23.39 -1.65 0.00	19.34 -1.71 -0.09	-2.75 -1.90 18.77	-14.84 -2.10 35.10	7.42 -2.46 15.06	-25.79 -2.37 47.58	-26.64 -1.13 38.48	27.63 -1.31 3.54	41.04 -1.22 -6.36	44.92 -1.18 -6.61	43.55 -1.10 -6.26	42.44 -1.00 -6.14	45.91 -1.12 -6.51	42.64 -1.07 -6.20	38.84 -0.54 -4.96	30.89 -0.33 -4.20
OSWEGO___5 23606	18.15 -0.31 -1.25	6.11 -0.05 -3.94	-0.56 0.10 -5.03	13.94 -0.20 -2.71	18.01 -0.33 -1.71	21.52 -0.47 -0.80	26.47 -0.64 -1.18	25.56 -0.62 -0.58	24.48 -0.56 0.00	20.70 -0.46 -0.20	19.98 -0.42 -2.48	24.24 -0.53 -2.42	25.96 -0.61 -1.63	27.57 -0.60 -4.01	18.34 -0.31 -5.68	31.74 -0.73 0.00	35.27 -0.93 -0.31	38.49 -1.00 0.00	37.44 -0.96 0.00	36.37 -0.93 0.00	39.50 -1.02 0.00	36.54 -0.98 0.00	33.50 -0.92 0.00	26.32 -0.69 0.00
OSWEGO___6 23613	18.15 -0.31 -1.25	6.11 -0.05 -3.94	-0.56 0.10 -5.03	13.94 -0.20 -2.71	18.01 -0.33 -1.71	21.52 -0.47 -0.80	26.47 -0.64 -1.18	25.56 -0.62 -0.58	24.48 -0.56 0.00	20.70 -0.46 -0.20	19.98 -0.42 -2.48	24.24 -0.53 -2.42	25.96 -0.61 -1.63	27.57 -0.60 -4.01	18.34 -0.31 -5.68	31.74 -0.73 0.00	35.27 -0.93 -0.31	38.49 -1.00 0.00	37.44 -0.96 0.00	36.37 -0.93 0.00	39.50 -1.02 0.00	36.54 -0.98 0.00	33.50 -0.92 0.00	26.32 -0.69 0.00
OUTOKUMPU-AB___DRP 24206	18.99 -0.21 -1.98	8.39 -0.09 -6.26	2.37 0.07 -7.99	15.53 -0.21 -4.30	19.04 -0.31 -2.72	21.94 -0.53 -1.27	27.08 -0.72 -1.87	25.52 -0.98 -0.90	24.39 -0.65 0.00	20.79 -0.48 -0.32	21.13 -0.70 -3.89	25.39 -0.76 -3.80	26.79 -0.70 -2.55	29.76 -0.70 -6.30	21.33 -0.53 -8.89	31.35 -1.12 0.00	34.42 -1.96 -0.49	37.23 -2.26 0.00	36.38 -2.01 0.00	35.32 -1.98 0.00	38.85 -1.66 0.00	35.85 -1.66 0.00	33.07 -1.36 0.00	26.39 -0.62 0.00
OXBOW___ 24026	18.76 -0.43 -1.97	8.34 -0.11 -6.23	2.40 0.14 -7.96	15.36 -0.36 -4.28	18.81 -0.53 -2.71	21.67 -0.79 -1.26	26.72 -1.07 -1.86	25.17 -1.33 -0.90	24.05 -0.99 0.00	20.51 -0.76 -0.31	20.87 -0.93 -3.87	25.10 -1.04 -3.78	26.44 -1.05 -2.54	29.39 -1.04 -6.27	21.11 -0.70 -8.85	30.90 -1.57 0.00	33.90 -2.49 -0.49	36.64 -2.86 0.00	35.79 -2.61 0.00	34.76 -2.54 0.00	38.22 -2.29 0.00	35.25 -2.26 0.00	32.55 -1.87 0.00	25.98 -1.03 0.00
OXY_CHEM_DSASP 323612	18.42 -0.76 -1.96	8.27 -0.16 -6.20	2.47 0.25 -7.92	15.12 -0.58 -4.26	18.47 -0.85 -2.70	21.23 -1.22 -1.26	26.15 -1.64 -1.86	24.61 -1.89 -0.90	23.50 -1.54 0.00	20.05 -1.22 -0.31	20.45 -1.34 -3.86	24.54 -1.58 -3.76	25.91 -1.56 -2.53	28.84 -1.55 -6.24	20.79 -0.98 -8.80	30.22 -2.25 0.00	33.12 -3.26 -0.48	35.77 -3.73 0.00	34.93 -3.47 0.00	33.93 -3.37 0.00	37.30 -3.22 0.00	34.39 -3.13 0.00	31.76 -2.66 0.00	25.44 -1.58 0.00
OZONE_PARK_ESR 323760	26.48 0.96 -8.29	28.60 0.13 -26.25	27.52 -0.31 -33.51	30.08 0.60 -18.04	29.03 0.99 -11.41	27.93 1.42 -5.31	35.70 1.93 -7.84	31.40 2.00 -3.80	26.95 1.91 0.00	25.12 1.58 -2.59	35.92 1.54 -16.46	40.27 1.86 -16.05	37.81 2.07 -10.79	52.82 2.05 -26.60	51.72 1.05 -37.70	35.67 3.20 0.00	41.60 3.63 -2.07	43.55 4.05 0.00	42.30 3.91 0.00	41.13 3.83 0.00	44.24 3.73 0.00	41.05 3.53 0.00	37.48 3.06 0.00	29.30 2.29 0.00

PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	18.42 -0.76 -1.96	8.27 -0.16 -6.20	2.47 0.25 -7.92	15.12 -0.58 -4.26	18.47 -0.85 -2.70	21.23 -1.22 -1.26	26.15 -1.64 -1.86	24.61 -1.89 -0.90	23.50 -1.54 0.00	20.05 -1.22 -0.31	20.45 -1.34 -3.86	24.54 -1.58 -3.76	25.91 -1.56 -2.53	28.84 -1.55 -6.24	20.79 -0.98 -8.80	30.22 -2.25 0.00	33.12 -3.26 -0.48	35.77 -3.73 0.00	34.93 -3.47 0.00	33.93 -3.37 0.00	37.30 -3.22 0.00	34.39 -3.13 0.00	31.76 -2.66 0.00	25.44 -1.58 0.00
PACKARD__115KV_DUPONT_184 80571	18.42 -0.76 -1.96	8.27 -0.16 -6.20	2.47 0.25 -7.92	15.12 -0.58 -4.26	18.47 -0.85 -2.70	21.23 -1.22 -1.26	26.15 -1.64 -1.86	24.61 -1.89 -0.90	23.50 -1.54 0.00	20.05 -1.22 -0.31	20.45 -1.34 -3.86	24.54 -1.58 -3.76	25.91 -1.56 -2.53	28.84 -1.55 -6.24	20.79 -0.98 -8.80	30.22 -2.25 0.00	33.12 -3.26 -0.48	35.77 -3.73 0.00	34.93 -3.47 0.00	33.93 -3.37 0.00	37.30 -3.22 0.00	34.39 -3.13 0.00	31.76 -2.66 0.00	25.44 -1.58 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	26.24 0.73 -8.30	28.57 0.10 -26.25	27.59 -0.24 -33.52	29.94 0.47 -18.04	28.82 0.78 -11.41	27.69 1.18 -5.31	35.44 1.67 -7.84	31.14 1.74 -3.80	26.69 1.65 0.00	24.92 1.38 -2.59	35.78 1.39 -16.46	39.99 1.59 -16.05	37.52 1.78 -10.79	52.53 1.77 -26.60	51.59 0.91 -37.70	35.33 2.86 0.00	41.16 3.19 -2.07	43.07 3.58 0.00	41.83 3.44 0.00	40.70 3.41 0.00	43.81 3.30 0.00	40.64 3.13 0.00	37.08 2.66 0.00	28.98 1.97 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	26.35 0.84 -8.30	28.59 0.11 -26.25	27.52 -0.30 -33.52	30.08 0.60 -18.04	28.99 0.95 -11.41	27.90 1.39 -5.31	35.59 1.82 -7.84	31.39 1.98 -3.80	26.93 1.89 0.00	25.06 1.51 -2.59	35.88 1.49 -16.46	40.09 1.68 -16.05	37.63 1.90 -10.79	52.65 1.88 -26.60	51.65 0.98 -37.70	35.47 3.00 0.00	41.34 3.37 -2.07	43.27 3.78 0.00	42.06 3.66 0.00	40.90 3.60 0.00	44.00 3.48 0.00	40.82 3.31 0.00	37.19 2.77 0.00	29.10 2.09 0.00
PATROON__115KV_TB1 80586	28.08 0.43 -10.44	35.31 0.07 -33.03	36.36 -0.11 -42.16	34.37 0.24 -22.70	31.40 0.41 -14.36	28.52 0.64 -6.68	36.59 0.80 -9.86	31.21 0.82 -4.79	25.84 0.79 0.00	23.56 0.64 -1.97	39.22 0.59 -20.71	43.27 0.72 -20.19	39.37 0.85 -13.58	58.44 0.82 -33.46	60.81 0.41 -47.43	33.99 1.52 0.00	40.18 1.68 -2.60	41.36 1.86 0.00	40.17 1.78 0.00	39.03 1.73 0.00	42.24 1.72 0.00	39.08 1.56 0.00	35.77 1.35 0.00	28.23 1.22 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	19.69 0.41 -2.07	8.76 -0.01 -6.55	2.54 -0.13 -8.36	16.14 0.21 -4.50	19.78 0.31 -2.85	22.78 0.26 -1.32	28.10 0.21 -1.96	26.54 0.00 -0.95	25.34 0.29 0.00	21.57 0.29 -0.33	21.97 -0.02 -4.06	26.45 0.12 -3.97	27.82 0.21 -2.67	30.94 0.20 -6.57	22.17 -0.08 -9.28	32.60 0.13 0.00	35.77 -0.64 -0.51	38.73 -0.77 0.00	37.87 -0.52 0.00	36.80 -0.50 0.00	40.40 -0.11 0.00	37.33 -0.19 0.00	34.50 0.07 0.00	27.36 0.35 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	26.57 0.94 -8.41	28.96 0.12 -26.62	27.99 -0.31 -33.99	30.35 0.62 -18.30	29.20 1.00 -11.57	28.00 1.42 -5.38	35.76 1.88 -7.95	31.34 1.88 -3.86	26.83 1.79 0.00	24.20 1.50 -1.75	36.02 1.40 -16.69	40.33 1.69 -16.27	37.79 1.91 -10.94	53.01 1.87 -26.97	52.16 0.96 -38.23	35.41 2.94 0.00	41.35 3.35 -2.10	43.31 3.81 0.00	42.13 3.73 0.00	40.97 3.67 0.00	44.14 3.62 0.00	40.88 3.37 0.00	37.32 2.90 0.00	29.17 2.16 0.00
PEEKSKILL____ 23653	26.18 0.75 -8.21	28.30 0.09 -25.99	27.24 -0.24 -33.18	29.78 0.48 -17.86	28.73 0.81 -11.30	27.63 1.17 -5.25	35.25 1.56 -7.76	30.92 1.55 -3.77	26.49 1.44 0.00	24.95 1.19 -2.81	35.39 1.17 -16.30	39.65 1.40 -15.89	37.20 1.57 -10.68	52.03 1.54 -26.33	51.07 0.77 -37.32	34.94 2.47 0.00	40.75 2.80 -2.05	42.66 3.16 0.00	41.50 3.10 0.00	40.35 3.05 0.00	43.46 2.94 0.00	40.31 2.80 0.00	36.81 2.39 0.00	28.79 1.78 0.00
PGE MADISON__WINDPWR 24146	21.53 1.03 -3.29	12.73 0.11 -10.40	7.19 -0.40 -13.28	19.34 0.75 -7.15	22.32 1.17 -4.52	24.90 1.60 -2.10	31.15 2.11 -3.11	29.41 2.30 -1.52	27.58 2.54 0.00	23.28 1.80 -0.53	25.86 1.38 -6.55	30.26 1.51 -6.39	31.13 1.90 -4.29	36.49 1.75 -10.58	28.95 0.99 -14.99	35.55 3.08 0.00	40.33 3.61 -0.82	43.79 4.29 0.00	42.29 3.90 0.00	40.91 3.61 0.00	44.35 3.84 0.00	40.91 3.39 0.00	37.37 2.95 0.00	29.33 2.32 0.00
PIERCEFIELD__HYD 23852	16.83 -0.81 -0.42	3.57 0.03 -1.32	-3.73 0.27 -1.69	11.79 -0.55 -0.91	16.25 -0.95 -0.57	19.51 -1.96 -0.27	23.49 -2.82 -0.39	23.30 -2.49 -0.20	22.45 -2.59 0.00	18.64 -2.39 -0.07	2.73 -2.43 12.77	-4.20 -2.68 23.88	13.14 -3.03 8.77	-23.62 -2.82 44.96	-24.62 -1.37 36.22	34.70 -1.11 -3.33	43.83 -1.12 -9.05	47.60 -1.39 -9.49	46.07 -1.31 -8.99	44.92 -1.20 -8.82	48.75 -1.12 -9.35	45.42 -0.99 -8.90	41.14 -0.40 -7.12	32.75 -0.29 -6.03
PINELAWN_CC_1 323563	26.76 1.25 -8.30	28.67 0.19 -26.26	27.43 -0.40 -33.52	30.21 0.73 -18.05	29.31 1.27 -11.42	29.06 1.96 -5.90	36.24 2.47 -7.84	31.82 2.41 -3.81	27.25 2.21 0.00	25.35 1.81 -2.58	36.47 1.80 -16.74	40.71 2.19 -16.16	54.42 2.47 -27.01	87.56 2.56 -60.84	73.15 1.22 -58.95	53.88 3.41 -18.00	72.32 3.85 -32.58	75.52 4.28 -31.75	104.26 4.11 -61.75	81.29 4.07 -39.92	65.08 4.23 -20.33	47.32 4.04 -5.77	52.65 3.81 -14.42	33.81 2.83 -3.97
PJM_GEN_HTP_PROXY 323702	26.30 0.79 -8.29	28.57 0.10 -26.25	27.57 -0.25 -33.51	29.97 0.49 -18.04	28.87 0.83 -11.41	27.72 1.22 -5.31	35.42 1.66 -7.84	31.10 1.70 -3.80	26.65 1.61 0.00	24.89 1.35 -2.59	35.72 1.33 -16.46	40.01 1.61 -16.05	37.52 1.78 -10.79	52.53 1.76 -26.60	51.57 0.90 -37.70	35.26 2.79 0.00	41.13 3.17 -2.07	43.03 3.53 0.00	41.79 3.39 0.00	40.63 3.33 0.00	43.71 3.20 0.00	40.57 3.06 0.00	37.04 2.62 0.00	28.99 1.98 0.00
PJM_GEN_KEystone 24065	22.92 0.35 -5.36	19.21 0.02 -16.97	15.86 -0.11 -21.66	23.32 0.22 -11.66	24.39 0.39 -7.38	25.14 0.51 -3.43	31.61 0.62 -5.07	28.55 0.49 -2.46	25.55 0.51 0.00	20.06 0.43 1.32	28.93 0.39 -10.61	33.25 0.55 -10.34	32.52 0.62 -6.95	41.92 0.62 -17.14	37.49 0.23 -24.29	33.42 0.95 0.00	37.98 0.75 -1.33	40.32 0.82 0.00	39.31 0.92 0.00	38.25 0.95 0.00	41.51 1.00 0.00	38.49 0.97 0.00	35.32 0.90 0.00	27.78 0.77 0.00
PJM_GEN_NEPTUNE_PROXY 323594	26.52 1.00 -8.30	28.63 0.15 -26.26	27.50 -0.33 -33.52	30.06 0.58 -18.05	29.08 1.04 -11.42	28.31 1.62 -5.49	35.81 2.04 -7.84	31.38 1.98 -3.81	26.86 1.82 0.00	25.05 1.51 -2.58	35.98 1.57 -16.48	40.33 1.93 -16.04	49.25 2.12 -22.18	64.86 2.10 -38.60	58.86 1.07 -44.82	48.09 3.13 -12.48	64.24 3.55 -24.79	54.68 4.08 -11.10	59.40 3.94 -17.07	51.89 3.88 -10.72	50.73 3.86 -6.35	42.95 3.63 -1.80	43.44 3.15 -5.86	30.59 2.35 -1.24
PJM_GEN_VFT_PROXY 323633	26.19 0.68 -8.29	28.56 0.09 -26.25	27.60 -0.22 -33.51	29.90 0.42 -18.04	28.78 0.74 -11.41	27.61 1.10 -5.31	35.27 1.50 -7.84	30.96 1.55 -3.80	26.49 1.45 0.00	24.75 1.21 -2.59	35.60 1.22 -16.46	39.87 1.46 -16.05	37.36 1.62 -10.79	52.33 1.59 -26.58	51.48 0.81 -37.70	35.06 2.59 0.00	40.90 2.94 -2.07	42.76 3.26 0.00	41.55 3.15 0.00	40.41 3.11 0.00	43.46 2.95 0.00	40.35 2.84 0.00	36.85 2.43 0.00	28.84 1.82 0.00

PLATSBRG_115KV_PMLD1 355749	16.86 -0.66 -0.31	3.28 0.09 -0.97	-4.18 0.27 -1.24	11.57 -0.53 -0.67	16.18 -0.87 -0.42	19.53 -1.87 -0.20	23.45 -2.78 -0.30	23.53 -2.23 -0.15	22.56 -2.49 0.00	18.54 -2.47 -0.06	-2.37 -2.81 17.49	-15.20 -3.34 34.23	-20.98 -3.60 42.32	-22.68 -3.04 43.80	-23.67 -1.44 35.21	-21.52 -1.28 52.70	-21.08 -1.22 55.76	-21.07 -1.56 59.00	-21.10 -1.62 57.86	-21.06 -1.57 56.79	-21.11 -1.39 60.23	-21.00 -1.17 57.34	-12.25 -0.83 45.83	-12.59 -0.76 38.84
PLEASANTVLY___LBMP 24000	26.59 0.70 -8.68	29.76 0.09 -27.45	29.12 -0.23 -35.05	30.76 0.46 -18.86	29.32 0.77 -11.93	27.83 1.08 -5.55	35.54 1.42 -8.20	30.99 1.41 -3.98	26.40 1.36 0.00	24.03 1.14 -1.93	36.25 1.11 -17.21	40.47 1.33 -16.78	37.72 1.50 -11.29	53.43 1.46 -27.81	53.12 0.73 -39.42	34.81 2.34 0.00	40.71 2.65 -2.17	42.48 2.99 0.00	41.32 2.93 0.00	40.18 2.88 0.00	43.29 2.78 0.00	40.16 2.65 0.00	36.68 2.27 0.00	28.72 1.71 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	26.37 0.80 -8.35	28.75 0.10 -26.43	27.79 -0.26 -33.74	30.11 0.51 -18.16	28.97 0.85 -11.49	27.78 1.23 -5.34	35.46 1.64 -7.89	31.07 1.64 -3.83	26.61 1.57 0.00	24.57 1.31 -2.30	35.77 1.27 -16.57	40.03 1.52 -16.16	37.52 1.72 -10.86	52.62 1.68 -26.78	51.77 0.85 -37.95	35.13 2.66 0.00	41.00 3.02 -2.08	42.90 3.40 0.00	41.70 3.31 0.00	40.55 3.25 0.00	43.68 3.16 0.00	40.50 2.98 0.00	36.98 2.56 0.00	28.92 1.91 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	26.37 0.80 -8.35	28.75 0.10 -26.43	27.79 -0.26 -33.74	30.11 0.51 -18.16	28.97 0.85 -11.49	27.78 1.23 -5.34	35.46 1.64 -7.89	31.07 1.64 -3.83	26.61 1.57 0.00	24.57 1.31 -2.30	35.77 1.27 -16.57	40.03 1.52 -16.16	37.52 1.72 -10.86	52.62 1.68 -26.78	51.77 0.85 -37.95	35.13 2.66 0.00	41.00 3.02 -2.08	42.90 3.40 0.00	41.70 3.31 0.00	40.55 3.25 0.00	43.68 3.16 0.00	40.50 2.98 0.00	36.98 2.56 0.00	28.92 1.91 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	26.61 0.85 -8.55	29.37 0.11 -27.04	28.54 -0.28 -34.52	30.60 0.58 -18.58	29.31 0.92 -11.76	27.95 1.28 -5.47	35.69 1.69 -8.07	31.22 1.70 -3.92	26.67 1.63 0.00	23.92 1.37 -1.60	36.16 1.28 -16.95	40.44 1.55 -16.53	37.80 1.74 -11.12	53.26 1.70 -27.40	52.66 0.86 -38.83	35.18 2.70 0.00	41.13 3.10 -2.13	43.02 3.52 0.00	41.87 3.48 0.00	40.70 3.40 0.00	43.79 3.28 0.00	40.60 3.09 0.00	37.06 2.64 0.00	29.00 1.99 0.00
POLETTI____ 23519	26.27 0.76 -8.29	28.57 0.10 -26.25	27.58 -0.24 -33.51	29.95 0.47 -18.04	28.84 0.80 -11.41	27.68 1.17 -5.31	35.36 1.60 -7.84	31.07 1.67 -3.80	26.62 1.58 0.00	24.85 1.31 -2.59	35.71 1.32 -16.46	40.01 1.60 -16.05	37.50 1.77 -10.79	52.53 1.77 -26.60	51.58 0.90 -37.70	35.27 2.80 0.00	41.14 3.17 -2.07	43.01 3.51 0.00	41.74 3.34 0.00	40.58 3.28 0.00	43.65 3.14 0.00	40.52 3.00 0.00	37.02 2.60 0.00	28.96 1.95 0.00
POMONA___ESR 323819	25.98 0.76 -8.00	27.64 0.09 -25.32	26.39 -0.25 -32.32	29.33 0.49 -17.40	28.47 0.83 -11.01	27.52 1.21 -5.12	35.08 1.59 -7.56	30.80 1.52 -3.67	26.43 1.39 0.00	21.40 1.14 0.70	34.92 1.12 -15.88	39.18 1.34 -15.48	36.85 1.50 -10.41	51.29 1.47 -25.66	50.07 0.73 -36.36	34.84 2.37 0.00	40.58 2.69 -2.00	42.53 3.03 0.00	41.38 2.98 0.00	40.24 2.94 0.00	43.37 2.85 0.00	40.23 2.71 0.00	36.72 2.30 0.00	28.72 1.70 0.00
PORT_JEFF_3 23555	26.89 1.38 -8.30	28.68 0.21 -26.26	27.38 -0.45 -33.52	30.27 0.79 -18.05	29.42 1.38 -11.42	29.26 2.14 -5.93	36.48 2.71 -7.84	32.00 2.59 -3.81	27.39 2.35 0.00	25.50 1.96 -2.58	36.44 1.93 -16.59	40.80 2.35 -16.09	53.13 2.68 -25.52	89.12 2.76 -62.21	74.11 1.42 -59.72	52.59 3.97 -16.16	70.21 4.54 -29.77	91.70 5.27 -46.93	213.12 5.16 -169.57	97.43 5.05 -55.07	66.82 5.14 -21.16	48.28 4.76 -6.01	53.29 4.19 -14.68	34.27 3.13 -4.14
PORT_JEFF_4 23616	26.89 1.38 -8.30	28.68 0.21 -26.26	27.38 -0.45 -33.52	30.27 0.79 -18.05	29.42 1.38 -11.42	29.26 2.14 -5.93	36.48 2.71 -7.84	32.00 2.59 -3.81	27.39 2.35 0.00	25.50 1.96 -2.58	36.44 1.93 -16.59	40.80 2.35 -16.09	53.13 2.68 -25.52	89.12 2.76 -62.21	74.11 1.42 -59.72	52.59 3.97 -16.16	70.21 4.54 -29.77	91.70 5.27 -46.93	213.12 5.16 -169.57	97.43 5.05 -55.07	66.82 5.14 -21.16	48.28 4.76 -6.01	53.29 4.19 -14.68	34.27 3.13 -4.14
PORT_JEFF_IC 23713	26.91 1.40 -8.30	28.69 0.21 -26.26	27.38 -0.45 -33.52	30.29 0.81 -18.05	29.43 1.39 -11.42	29.29 2.17 -5.92	36.51 2.74 -7.84	32.04 2.64 -3.81	27.44 2.40 0.00	25.53 1.99 -2.58	36.47 1.95 -16.60	40.83 2.38 -16.09	53.23 2.71 -25.58	89.12 2.80 -62.15	74.11 1.44 -59.69	52.72 4.03 -16.23	70.40 4.62 -29.88	89.67 5.31 -44.86	215.30 5.25 -171.66	97.96 5.15 -55.52	66.89 5.24 -21.13	48.36 4.85 -6.00	53.36 4.27 -14.67	34.32 3.18 -4.13
PPL PILGRIM_ST_GT1 24216	26.91 1.40 -8.30	28.69 0.21 -26.26	27.37 -0.46 -33.52	30.30 0.81 -18.05	29.45 1.41 -11.42	29.29 2.17 -5.92	36.51 2.74 -7.84	32.05 2.64 -3.81	27.45 2.40 0.00	25.53 1.99 -2.58	36.51 1.96 -16.62	40.87 2.41 -16.10	53.43 2.72 -25.78	88.93 2.80 -61.97	74.00 1.43 -59.59	52.95 4.00 -16.48	70.68 4.53 -30.25	77.38 5.12 -32.77	123.41 5.02 -80.00	83.26 5.00 -40.96	66.63 5.09 -21.02	48.21 4.73 -5.97	53.25 4.20 -14.64	34.25 3.13 -4.11
PPL PILGRIM_ST_GT2 24217	26.91 1.40 -8.30	28.69 0.21 -26.26	27.37 -0.46 -33.52	30.30 0.81 -18.05	29.45 1.41 -11.42	29.29 2.17 -5.92	36.51 2.74 -7.84	32.05 2.64 -3.81	27.45 2.40 0.00	25.53 1.99 -2.58	36.51 1.96 -16.62	40.87 2.41 -16.10	53.43 2.72 -25.78	88.93 2.80 -61.97	74.00 1.43 -59.59	52.95 4.00 -16.48	70.68 4.53 -30.25	77.38 5.12 -32.77	123.41 5.02 -80.00	83.26 5.00 -40.96	66.63 5.09 -21.02	48.21 4.73 -5.97	53.25 4.20 -14.64	34.25 3.13 -4.11
PPL_SHRM_GT3 24213	27.00 1.49 -8.30	28.70 0.23 -26.26	27.35 -0.48 -33.52	30.34 0.85 -18.05	29.52 1.48 -11.42	29.41 2.29 -5.93	36.67 2.91 -7.84	32.08 2.68 -3.81	27.44 2.39 0.00	25.54 2.01 -2.58	36.52 2.00 -16.59	40.88 2.43 -16.09	53.33 2.84 -25.54	89.27 2.93 -62.18	74.19 1.51 -59.71	52.87 4.21 -16.19	70.59 4.88 -29.82	91.40 5.73 -46.18	212.26 5.56 -168.30	97.65 5.43 -54.92	67.21 5.54 -21.15	48.62 5.11 -6.00	53.60 4.51 -14.68	34.50 3.36 -4.13
PPL_SHRM_GT4 24214	27.00 1.49 -8.30	28.70 0.23 -26.26	27.35 -0.48 -33.52	30.34 0.85 -18.05	29.52 1.48 -11.42	29.41 2.29 -5.93	36.67 2.91 -7.84	32.08 2.68 -3.81	27.44 2.39 0.00	25.54 2.01 -2.58	36.52 2.00 -16.59	40.88 2.43 -16.09	53.33 2.84 -25.54	89.27 2.93 -62.18	74.19 1.51 -59.71	52.87 4.21 -16.19	70.59 4.88 -29.82	91.40 5.73 -46.18	212.26 5.56 -168.30	97.65 5.43 -54.92	67.21 5.54 -21.15	48.62 5.11 -6.00	53.60 4.51 -14.68	34.50 3.36 -4.13
PROJECT___ORANGE I 24174	18.60 -0.06 -1.45	6.77 -0.02 -4.57	0.16 0.01 -5.84	14.54 -0.03 -3.14	18.54 -0.08 -1.99	21.96 -0.16 -0.93	27.03 -0.28 -1.37	25.97 -0.30 -0.67	24.80 -0.24 0.00	21.03 -0.16 -0.23	20.63 -0.17 -2.87	24.97 -0.19 -2.80	26.62 -0.21 -1.89	28.08 -0.19 -4.10	19.01 -0.10 -6.14	32.32 -0.15 0.00	35.89 -0.36 -0.36	39.11 -0.39 0.00	38.05 -0.35 0.00	36.94 -0.36 0.00	40.10 -0.42 0.00	37.08 -0.43 0.00	33.97 -0.45 0.00	26.69 -0.32 0.00

PROJECT___ORANGE 2 24166	18.60 -0.06 -1.45	6.77 -0.02 -4.57	0.16 0.01 -5.84	14.54 -0.03 -3.14	18.54 -0.08 -1.99	21.96 -0.16 -0.93	27.03 -0.28 -1.37	25.97 -0.30 -0.67	24.80 -0.24 0.00	21.03 -0.16 -0.23	20.63 -0.17 -2.87	24.97 -0.19 -2.80	26.62 -0.21 -1.89	28.08 -0.19 -4.10	19.01 -0.10 -6.14	32.32 -0.15 0.00	35.89 -0.36 -0.36	39.11 -0.39 0.00	38.05 -0.35 0.00	36.94 -0.36 0.00	40.10 -0.42 0.00	37.08 -0.43 0.00	33.97 -0.45 0.00	26.69 -0.32 0.00
PUCKETT___SOLAR 323809	20.99 0.40 -3.38	12.94 0.03 -10.69	7.80 -0.16 -13.64	19.11 0.33 -7.35	21.79 0.52 -4.65	24.02 0.66 -2.16	29.98 0.86 -3.19	28.06 0.90 -1.55	26.07 1.03 0.00	22.29 0.79 -0.55	25.31 0.64 -6.75	29.59 0.65 -6.58	30.15 0.78 -4.43	35.79 0.72 -10.91	28.83 0.41 -15.45	33.89 1.42 0.00	38.18 1.44 -0.85	41.17 1.67 0.00	39.99 1.59 0.00	38.73 1.43 0.00	42.05 1.53 0.00	38.94 1.43 0.00	35.65 1.23 0.00	27.98 0.97 0.00
PYRITES___HYD 24023	17.07 -0.55 -0.40	3.57 0.07 -1.28	-3.87 0.19 -1.64	11.92 -0.39 -0.88	16.47 -0.72 -0.56	19.81 -1.65 -0.26	23.96 -2.35 -0.38	23.81 -1.98 -0.19	22.97 -2.08 0.00	19.03 -1.99 -0.07	3.45 -2.09 12.39	-3.03 -2.19 23.20	13.59 -2.49 8.86	-22.93 -2.34 44.74	-24.15 -1.08 36.03	35.08 -0.20 -2.81	43.83 -0.13 -8.05	47.66 -0.28 -8.45	46.13 -0.28 -8.02	44.93 -0.24 -7.87	48.85 -0.02 -8.35	45.42 -0.04 -7.95	41.12 0.35 -6.35	32.62 0.22 -5.38
QUAKERRD_115KV_BK1 80622	18.46 -0.48 -1.72	7.57 -0.09 -5.44	1.41 0.16 -6.94	14.82 -0.35 -3.74	18.46 -0.53 -2.36	21.59 -0.71 -1.10	26.64 -0.91 -1.62	25.31 -1.06 -0.77	24.14 -0.90 0.00	20.57 -0.66 -0.28	20.63 -0.69 -3.40	24.89 -0.79 -3.32	26.38 -0.79 -2.23	28.89 -0.77 -5.50	20.29 -0.47 -7.79	31.40 -1.07 0.00	34.79 -1.53 -0.43	37.77 -1.73 0.00	36.78 -1.62 0.00	35.71 -1.59 0.00	38.91 -1.61 0.00	35.91 -1.60 0.00	32.94 -1.48 0.00	26.00 -1.02 0.00
QUENSBRY_115KV_TB8 356137	28.41 0.54 -10.65	35.99 0.07 -33.70	37.18 -0.15 -43.03	34.94 0.34 -23.16	31.82 0.55 -14.65	28.89 0.88 -6.81	37.31 1.31 -10.06	31.85 1.37 -4.88	26.30 1.26 0.00	23.87 0.92 -1.99	39.93 0.88 -21.13	44.03 1.07 -20.60	40.05 1.26 -13.85	59.62 1.32 -34.14	62.01 0.65 -48.39	34.60 2.13 0.00	41.24 2.69 -2.66	42.57 3.07 0.00	41.30 2.90 0.00	40.02 2.72 0.00	43.16 2.64 0.00	39.88 2.37 0.00	36.58 2.16 0.00	28.59 1.58 0.00
RAMAPO___LBMP 323565	25.88 0.69 -7.97	27.54 0.09 -25.23	26.29 -0.23 -32.22	29.23 0.45 -17.34	28.37 0.78 -10.97	27.42 1.12 -5.10	34.95 1.48 -7.53	30.69 1.44 -3.66	26.37 1.33 0.00	21.39 1.08 0.64	34.81 1.06 -15.82	39.04 1.26 -15.43	36.72 1.41 -10.38	51.11 1.38 -25.57	49.91 0.70 -36.24	34.72 2.25 0.00	40.45 2.56 -1.99	42.38 2.88 0.00	41.23 2.83 0.00	40.11 2.80 0.00	43.23 2.71 0.00	40.10 2.59 0.00	36.61 2.19 0.00	28.63 1.62 0.00
RANKINE____ 23646	19.27 0.01 -2.05	8.64 -0.06 -6.47	2.57 0.00 -8.27	15.83 -0.05 -4.45	19.36 -0.08 -2.82	22.27 -0.24 -1.31	27.51 -0.35 -1.94	25.95 -0.59 -0.94	24.74 -0.30 0.00	21.07 -0.21 -0.33	21.51 -0.44 -4.02	25.86 -0.43 -3.93	27.21 -0.37 -2.64	30.31 -0.36 -6.51	21.78 -0.38 -9.19	31.76 -0.71 0.00	34.89 -1.52 -0.51	37.75 -1.75 0.00	36.92 -1.48 0.00	35.88 -1.42 0.00	39.46 -1.06 0.00	36.47 -1.05 0.00	33.68 -0.74 0.00	26.78 -0.23 0.00
RAVENSWOOD_GT2_1 24244	26.31 0.80 -8.30	28.58 0.11 -26.25	27.57 -0.26 -33.52	29.98 0.50 -18.04	28.88 0.84 -11.41	27.74 1.23 -5.31	35.43 1.66 -7.84	31.11 1.71 -3.80	26.67 1.63 0.00	24.90 1.35 -2.59	35.73 1.34 -16.46	40.02 1.61 -16.05	37.53 1.77 -10.79	52.53 1.90 -26.60	51.58 0.90 -37.70	35.28 2.81 0.00	41.14 3.17 -2.07	43.04 3.54 0.00	41.82 3.42 0.00	40.66 3.36 0.00	43.76 3.24 0.00	40.60 3.09 0.00	37.08 2.66 0.00	28.99 1.98 0.00
RAVENSWOOD_GT2_2 24245	26.31 0.80 -8.30	28.58 0.11 -26.25	27.57 -0.26 -33.52	29.98 0.50 -18.04	28.88 0.84 -11.41	27.74 1.23 -5.31	35.43 1.66 -7.84	31.11 1.71 -3.80	26.67 1.63 0.00	24.90 1.35 -2.59	35.73 1.34 -16.46	40.02 1.61 -16.05	37.53 1.77 -10.79	52.53 1.90 -26.60	51.58 0.90 -37.70	35.28 2.81 0.00	41.14 3.17 -2.07	43.04 3.54 0.00	41.82 3.42 0.00	40.66 3.36 0.00	43.76 3.24 0.00	40.60 3.09 0.00	37.08 2.66 0.00	28.99 1.98 0.00
RAVENSWOOD_GT2_3 24246	26.32 0.81 -8.30	28.58 0.11 -26.25	27.57 -0.26 -33.52	29.99 0.51 -18.04	28.89 0.85 -11.41	27.75 1.24 -5.31	35.45 1.68 -7.84	31.13 1.72 -3.80	26.68 1.64 0.00	24.91 1.37 -2.59	35.74 1.35 -16.46	40.04 1.63 -16.05	37.54 1.81 -10.79	52.55 1.79 -26.60	51.59 0.91 -37.70	35.29 2.82 0.00	41.16 3.20 -2.07	43.06 3.57 0.00	41.84 3.44 0.00	40.68 3.38 0.00	43.77 3.26 0.00	40.62 3.11 0.00	37.10 2.68 0.00	29.01 2.00 0.00
RAVENSWOOD_GT2_4 24247	26.32 0.81 -8.30	28.58 0.11 -26.25	27.57 -0.26 -33.52	29.99 0.51 -18.04	28.89 0.85 -11.41	27.75 1.24 -5.31	35.45 1.68 -7.84	31.13 1.72 -3.80	26.68 1.64 0.00	24.91 1.37 -2.59	35.74 1.35 -16.46	40.04 1.63 -16.05	37.54 1.81 -10.79	52.55 1.79 -26.60	51.59 0.91 -37.70	35.29 2.82 0.00	41.16 3.20 -2.07	43.06 3.57 0.00	41.84 3.44 0.00	40.68 3.38 0.00	43.77 3.26 0.00	40.62 3.11 0.00	37.10 2.68 0.00	29.01 2.00 0.00
RAVENSWOOD_GT3_1 24248	26.32 0.81 -8.30	28.58 0.11 -26.25	27.57 -0.26 -33.52	29.98 0.50 -18.04	28.88 0.84 -11.41	27.74 1.23 -5.31	35.43 1.66 -7.84	31.11 1.71 -3.80	26.67 1.63 0.00	24.90 1.36 -2.59	35.73 1.34 -16.46	40.02 1.61 -16.05	37.53 1.80 -10.79	52.53 1.77 -26.60	51.58 0.90 -37.70	35.28 2.81 0.00	41.14 3.17 -2.07	43.04 3.54 0.00	41.82 3.42 0.00	40.66 3.36 0.00	43.76 3.24 0.00	40.60 3.09 0.00	37.08 2.66 0.00	28.99 1.98 0.00
RAVENSWOOD_GT3_2 24249	26.32 0.81 -8.30	28.58 0.11 -26.25	27.57 -0.26 -33.52	29.98 0.50 -18.04	28.88 0.84 -11.41	27.74 1.23 -5.31	35.43 1.66 -7.84	31.11 1.71 -3.80	26.67 1.63 0.00	24.90 1.36 -2.59	35.73 1.34 -16.46	40.02 1.61 -16.05	37.53 1.80 -10.79	52.53 1.77 -26.60	51.58 0.90 -37.70	35.28 2.81 0.00	41.14 3.17 -2.07	43.04 3.54 0.00	41.82 3.42 0.00	40.66 3.36 0.00	43.76 3.24 0.00	40.60 3.09 0.00	37.08 2.66 0.00	28.99 1.98 0.00
RAVENSWOOD_GT3_3 24250	26.34 0.83 -8.30	28.58 0.11 -26.25	27.56 -0.27 -33.52	30.00 0.52 -18.04	28.91 0.87 -11.41	27.77 1.26 -5.31	35.47 1.71 -7.84	31.16 1.75 -3.80	26.71 1.67 0.00	24.94 1.39 -2.59	35.77 1.38 -16.46	40.06 1.65 -16.05	37.58 1.85 -10.79	52.58 1.82 -26.60	51.60 0.93 -37.70	35.34 2.86 0.00	41.21 3.24 -2.07	43.11 3.62 0.00	41.89 3.49 0.00	40.73 3.43 0.00	43.83 3.31 0.00	40.67 3.16 0.00	37.14 2.72 0.00	29.04 2.03 0.00
RAVENSWOOD_GT3_4 24251	26.34 0.83 -8.30	28.58 0.11 -26.25	27.56 -0.27 -33.52	30.00 0.52 -18.04	28.91 0.87 -11.41	27.77 1.26 -5.31	35.47 1.71 -7.84	31.16 1.75 -3.80	26.71 1.67 0.00	24.94 1.39 -2.59	35.77 1.38 -16.46	40.06 1.65 -16.05	37.58 1.85 -10.79	52.58 1.82 -26.60	51.60 0.93 -37.70	35.34 2.86 0.00	41.21 3.24 -2.07	43.11 3.62 0.00	41.89 3.49 0.00	40.73 3.43 0.00	43.83 3.31 0.00	40.67 3.16 0.00	37.14 2.72 0.00	29.04 2.03 0.00



RAVENSWOOD_GT_1 23729	26.33 0.82 -8.30	28.58 0.11 -26.25	27.56 -0.26 -33.52	29.99 0.51 -18.04	28.89 0.85 -11.41	27.76 1.25 -5.31	35.49 1.72 -7.84	31.19 1.78 -3.80	26.76 1.71 0.00	24.99 1.44 -2.59	35.83 1.44 -16.46	40.10 1.69 -16.05	37.63 1.90 -10.79	52.61 1.84 -26.60	51.63 0.95 -37.70	35.41 2.94 0.00	41.27 3.30 -2.07	43.19 3.70 0.00	41.94 3.55 0.00	40.80 3.50 0.00	43.89 3.38 0.00	40.77 3.26 0.00	37.22 2.80 0.00	29.08 2.07 0.00
RAVENSWOOD_GT_10 24258	26.32 0.81 -8.30	28.58 0.11 -26.25	27.57 -0.26 -33.52	29.98 0.50 -18.04	28.89 0.85 -11.41	27.74 1.23 -5.31	35.43 1.66 -7.84	31.11 1.71 -3.80	26.67 1.63 0.00	24.90 1.35 -2.59	35.73 1.34 -16.46	40.02 1.61 -16.05	37.53 1.80 -10.79	52.53 1.77 -26.60	51.58 0.90 -37.70	35.27 2.80 0.00	41.14 3.17 -2.07	43.04 3.54 0.00	41.81 3.42 0.00	40.66 3.36 0.00	43.76 3.24 0.00	40.60 3.09 0.00	37.08 2.66 0.00	28.99 1.98 0.00
RAVENSWOOD_GT_11 24259	26.32 0.81 -8.30	28.58 0.11 -26.25	27.57 -0.26 -33.52	29.98 0.50 -18.04	28.89 0.85 -11.41	27.74 1.23 -5.31	35.43 1.66 -7.84	31.11 1.71 -3.80	26.67 1.63 0.00	24.90 1.35 -2.59	35.73 1.34 -16.46	40.02 1.61 -16.05	37.53 1.80 -10.79	52.53 1.77 -26.60	51.58 0.90 -37.70	35.27 2.80 0.00	41.14 3.17 -2.07	43.04 3.54 0.00	41.81 3.42 0.00	40.66 3.36 0.00	43.76 3.24 0.00	40.60 3.09 0.00	37.08 2.66 0.00	28.99 1.98 0.00
RAVENSWOOD_GT_4 24252	26.32 0.81 -8.30	28.58 0.11 -26.25	27.57 -0.26 -33.52	29.98 0.50 -18.04	28.89 0.85 -11.41	27.75 1.24 -5.31	35.43 1.67 -7.84	31.11 1.71 -3.80	26.66 1.62 0.00	24.89 1.35 -2.59	35.72 1.34 -16.46	40.02 1.61 -16.05	37.53 1.80 -10.79	52.54 1.77 -26.60	51.58 0.90 -37.70	35.27 2.80 0.00	41.14 3.17 -2.07	43.03 3.54 0.00	41.81 3.42 0.00	40.65 3.36 0.00	43.76 3.24 0.00	40.60 3.08 0.00	37.08 2.66 0.00	28.99 1.98 0.00
RAVENSWOOD_GT_5 24254	26.32 0.81 -8.30	28.58 0.11 -26.25	27.57 -0.26 -33.52	29.98 0.50 -18.04	28.89 0.85 -11.41	27.75 1.24 -5.31	35.43 1.67 -7.84	31.11 1.71 -3.80	26.66 1.62 0.00	24.89 1.35 -2.59	35.72 1.34 -16.46	40.02 1.61 -16.05	37.53 1.80 -10.79	52.54 1.77 -26.60	51.58 0.90 -37.70	35.27 2.80 0.00	41.14 3.17 -2.07	43.03 3.54 0.00	41.81 3.42 0.00	40.65 3.36 0.00	43.76 3.24 0.00	40.60 3.08 0.00	37.08 2.66 0.00	28.99 1.98 0.00
RAVENSWOOD_GT_6 24253	26.32 0.81 -8.30	28.58 0.11 -26.25	27.57 -0.26 -33.52	29.98 0.50 -18.04	28.89 0.85 -11.41	27.75 1.24 -5.31	35.43 1.67 -7.84	31.11 1.71 -3.80	26.66 1.62 0.00	24.89 1.35 -2.59	35.72 1.34 -16.46	40.02 1.61 -16.05	37.53 1.80 -10.79	52.54 1.77 -26.60	51.58 0.90 -37.70	35.27 2.80 0.00	41.14 3.17 -2.07	43.03 3.54 0.00	41.81 3.42 0.00	40.65 3.36 0.00	43.76 3.24 0.00	40.60 3.08 0.00	37.08 2.66 0.00	28.99 1.98 0.00
RAVENSWOOD_GT_7 24255	26.32 0.81 -8.30	28.58 0.11 -26.25	27.57 -0.26 -33.52	29.98 0.50 -18.04	28.89 0.85 -11.41	27.75 1.24 -5.31	35.43 1.67 -7.84	31.11 1.71 -3.80	26.66 1.62 0.00	24.89 1.35 -2.59	35.72 1.34 -16.46	40.02 1.61 -16.05	37.53 1.80 -10.79	52.54 1.77 -26.60	51.58 0.90 -37.70	35.27 2.80 0.00	41.14 3.17 -2.07	43.03 3.54 0.00	41.81 3.42 0.00	40.65 3.36 0.00	43.76 3.24 0.00	40.60 3.08 0.00	37.08 2.66 0.00	28.99 1.98 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	26.32 0.81 -8.30	28.58 0.11 -26.25	27.57 -0.26 -33.52	29.98 0.50 -18.04	28.89 0.85 -11.41	27.74 1.23 -5.31	35.43 1.66 -7.84	31.11 1.71 -3.80	26.67 1.63 0.00	24.90 1.35 -2.59	35.73 1.34 -16.46	40.02 1.61 -16.05	37.53 1.80 -10.79	52.53 1.77 -26.60	51.58 0.90 -37.70	35.27 2.80 0.00	41.14 3.17 -2.07	43.04 3.54 0.00	41.81 3.42 0.00	40.66 3.36 0.00	43.76 3.24 0.00	40.60 3.09 0.00	37.08 2.66 0.00	28.99 1.98 0.00
RAVENSWOOD_GT_9 24257	26.32 0.81 -8.30	28.58 0.11 -26.25	27.57 -0.26 -33.52	29.98 0.50 -18.04	28.89 0.85 -11.41	27.74 1.23 -5.31	35.43 1.66 -7.84	31.11 1.71 -3.80	26.67 1.63 0.00	24.90 1.35 -2.59	35.73 1.34 -16.46	40.02 1.61 -16.05	37.53 1.80 -10.79	52.53 1.77 -26.60	51.58 0.90 -37.70	35.27 2.80 0.00	41.14 3.17 -2.07	43.04 3.54 0.00	41.81 3.42 0.00	40.66 3.36 0.00	43.76 3.24 0.00	40.60 3.09 0.00	37.08 2.66 0.00	28.99 1.98 0.00
RAVENSWOOD___1 23533	26.30 0.79 -8.30	28.57 0.10 -26.25	27.57 -0.25 -33.52	29.97 0.49 -18.04	28.87 0.83 -11.41	27.72 1.22 -5.31	35.44 1.68 -7.84	31.14 1.73 -3.80	26.70 1.66 0.00	24.94 1.40 -2.59	35.78 1.39 -16.46	40.05 1.64 -16.05	37.57 1.84 -10.79	52.55 1.78 -26.60	51.60 0.92 -37.70	35.34 2.87 0.00	41.19 3.22 -2.07	43.09 3.60 0.00	41.86 3.46 0.00	40.72 3.42 0.00	43.80 3.28 0.00	40.68 3.17 0.00	37.13 2.71 0.00	29.03 2.02 0.00
RAVENSWOOD___2 23534	26.30 0.79 -8.30	28.57 0.10 -26.25	27.57 -0.25 -33.52	29.97 0.49 -18.04	28.87 0.83 -11.41	27.72 1.22 -5.31	35.44 1.68 -7.84	31.14 1.73 -3.80	26.70 1.66 0.00	24.94 1.40 -2.59	35.78 1.39 -16.46	40.05 1.64 -16.05	37.57 1.84 -10.79	52.55 1.78 -26.60	51.60 0.92 -37.70	35.34 2.87 0.00	41.19 3.22 -2.07	43.09 3.60 0.00	41.86 3.46 0.00	40.72 3.42 0.00	43.80 3.28 0.00	40.68 3.17 0.00	37.13 2.71 0.00	29.03 2.02 0.00
RAVENSWOOD___3 23535	26.32 0.81 -8.30	28.58 0.11 -26.25	27.57 -0.26 -33.52	29.98 0.50 -18.04	28.88 0.84 -11.41	27.74 1.24 -5.31	35.43 1.67 -7.84	31.12 1.71 -3.80	26.67 1.63 0.00	24.90 1.36 -2.59	35.74 1.35 -16.46	40.03 1.62 -16.05	37.53 1.80 -10.79	52.53 1.77 -26.60	51.58 0.91 -37.70	35.28 2.81 0.00	41.14 3.18 -2.07	43.05 3.56 0.00	41.82 3.42 0.00	40.66 3.36 0.00	43.75 3.24 0.00	40.60 3.09 0.00	37.08 2.66 0.00	29.00 1.99 0.00
RAVENSWOOD___4 23820	26.30 0.79 -8.30	28.57 0.10 -26.25	27.57 -0.25 -33.52	29.97 0.49 -18.04	28.87 0.83 -11.41	27.72 1.22 -5.31	35.44 1.68 -7.84	31.14 1.73 -3.80	26.70 1.66 0.00	24.94 1.40 -2.59	35.78 1.39 -16.46	40.05 1.64 -16.05	37.57 1.84 -10.79	52.55 1.78 -26.60	51.60 0.92 -37.70	35.34 2.87 0.00	41.19 3.22 -2.07	43.09 3.60 0.00	41.86 3.46 0.00	40.72 3.42 0.00	43.80 3.28 0.00	40.68 3.17 0.00	37.13 2.71 0.00	29.03 2.02 0.00
RCPI_TRUST___DRP 24196	26.33 0.82 -8.29	28.58 0.11 -26.25	27.56 -0.26 -33.51	29.98 0.51 -18.04	28.90 0.86 -11.41	27.76 1.26 -5.31	35.47 1.71 -7.84	31.16 1.75 -3.80	26.72 1.68 0.00	24.95 1.40 -2.59	35.77 1.38 -16.46	40.08 1.67 -16.05	37.60 1.86 -10.79	52.60 1.83 -26.60	51.60 0.93 -37.70	35.36 2.89 0.00	41.25 3.28 -2.07	43.14 3.64 0.00	41.90 3.51 0.00	40.73 3.43 0.00	43.82 3.30 0.00	40.66 3.14 0.00	37.14 2.72 0.00	29.05 2.03 0.00
RED___ROCHESTER 323720	18.97 0.01 -1.75	7.71 -0.04 -5.53	1.37 0.00 -7.06	15.18 -0.05 -3.80	18.94 -0.08 -2.40	22.17 -0.14 -1.12	27.38 -0.20 -1.65	26.10 -0.30 -0.79	24.91 -0.13 0.00	21.18 -0.06 -0.28	21.18 -0.20 -3.45	25.58 -0.14 -3.37	27.13 -0.07 -2.27	29.67 -0.07 -5.58	20.76 -0.12 -7.91	32.28 -0.19 0.00	35.69 -0.64 -0.43	38.78 -0.72 0.00	37.81 -0.59 0.00	36.70 -0.61 0.00	40.04 -0.48 0.00	36.89 -0.62 0.00	33.87 -0.55 0.00	26.73 -0.28 0.00

REGAN___SOLAR 323812	30.70 1.26 -12.23	41.07 0.16 -38.69	43.29 -0.41 -49.40	38.85 0.82 -26.59	34.66 1.22 -16.82	30.71 1.69 -7.82	39.91 2.43 -11.55	33.66 2.45 -5.60	26.74 1.70 0.00	23.66 0.54 -2.17	42.72 0.54 -24.25	47.24 1.23 -23.65	42.55 1.70 -15.91	65.41 2.05 -39.20	69.64 1.12 -55.55	35.50 3.03 0.00	42.94 3.99 -3.05	43.90 4.41 0.00	42.74 4.35 0.00	41.49 4.19 0.00	45.00 4.49 0.00	41.30 3.79 0.00	37.76 3.34 0.00	29.48 2.47 0.00
RENSSELAER___COGEN 23796	27.90 0.33 -10.35	35.02 0.06 -32.74	36.03 -0.09 -41.80	34.12 0.18 -22.51	31.18 0.32 -14.24	28.34 0.52 -6.62	36.36 0.65 -9.78	30.99 0.65 -4.74	25.67 0.63 0.00	23.41 0.50 -1.95	38.93 0.47 -20.53	42.94 0.56 -20.01	39.08 0.68 -13.46	57.98 0.65 -33.17	60.30 0.31 -47.02	33.75 1.29 0.00	39.88 1.41 -2.58	41.06 1.57 0.00	39.89 1.50 0.00	38.76 1.46 0.00	41.97 1.46 0.00	38.84 1.33 0.00	35.56 1.14 0.00	28.09 1.08 0.00
REPUBLIC_115KV_BARTNBRK 55605	28.85 0.99 -10.64	36.02 0.12 -33.68	37.04 -0.27 -43.00	35.21 0.63 -23.15	32.26 0.99 -14.65	29.55 1.54 -6.81	38.26 2.28 -10.06	32.79 2.30 -4.88	27.21 2.17 0.00	24.60 1.65 -1.99	40.63 1.58 -21.12	44.80 1.85 -20.59	40.97 2.19 -13.85	60.57 2.29 -34.12	62.42 1.08 -48.37	35.94 3.48 0.00	42.95 4.40 -2.66	44.59 5.09 0.00	42.93 4.53 0.00	41.51 4.21 0.00	44.60 4.08 0.00	41.16 3.65 0.00	37.80 3.38 0.00	29.50 2.49 0.00
REVERE_CPPR_DRP 24186	18.49 0.48 -0.80	4.80 0.06 -2.52	-2.63 0.33 -3.22	13.50 0.49 -1.73	18.21 0.49 -1.10	22.37 0.66 -0.51	27.61 0.94 -0.74	26.95 0.98 -0.36	25.95 0.91 0.00	21.65 0.57 -0.13	24.56 0.33 -6.30	33.13 0.61 -10.16	30.74 0.56 -5.24	33.38 0.66 -8.56	22.10 0.39 -8.74	36.92 1.24 -3.21	37.55 1.46 -0.19	41.27 1.77 0.00	40.11 1.71 0.00	38.96 1.67 0.00	42.14 1.62 0.00	38.92 1.41 0.00	35.68 1.27 0.00	28.03 1.02 0.00
REYNOLDS_115KV_TB3 80639	28.03 0.46 -10.36	35.04 0.07 -32.76	36.00 -0.14 -41.83	34.23 0.28 -22.52	31.32 0.45 -14.25	28.50 0.68 -6.62	36.57 0.86 -9.78	31.20 0.85 -4.75	25.86 0.82 0.00	23.58 0.67 -1.96	39.10 0.63 -20.54	43.17 0.79 -20.02	39.33 0.92 -13.47	58.25 0.90 -33.19	60.45 0.44 -47.04	34.05 1.58 0.00	40.24 1.76 -2.58	41.43 1.93 0.00	40.24 1.85 0.00	39.10 1.80 0.00	42.36 1.84 0.00	39.20 1.69 0.00	35.90 1.48 0.00	28.28 1.27 0.00
RIVERBAY____ 323610	26.35 0.84 -8.30	28.59 0.11 -26.25	27.52 -0.30 -33.52	30.08 0.60 -18.04	28.99 0.95 -11.41	27.90 1.39 -5.31	35.59 1.82 -7.84	31.39 1.98 -3.80	26.93 1.89 0.00	25.06 1.51 -2.59	35.88 1.49 -16.46	40.09 1.68 -16.05	37.63 1.90 -10.79	52.65 1.88 -26.60	51.65 0.98 -37.70	35.47 3.00 0.00	41.34 3.37 -2.07	43.27 3.78 0.00	42.06 3.66 0.00	40.90 3.60 0.00	44.00 3.48 0.00	40.82 3.31 0.00	37.19 2.77 0.00	29.10 2.09 0.00
RIVERSDE_115KV_TB3 55908	28.01 0.41 -10.38	35.13 0.06 -32.84	36.13 -0.11 -41.93	34.25 0.24 -22.57	31.31 0.40 -14.28	28.47 0.62 -6.64	36.51 0.78 -9.81	31.14 0.78 -4.76	25.80 0.75 0.00	23.53 0.61 -1.96	39.09 0.58 -20.59	43.14 0.70 -20.08	39.27 0.83 -13.50	58.25 0.81 -33.27	60.53 0.39 -47.16	33.95 1.48 0.00	40.13 1.64 -2.59	41.30 1.80 0.00	40.12 1.73 0.00	38.99 1.69 0.00	42.21 1.70 0.00	39.06 1.55 0.00	35.77 1.35 0.00	28.21 1.20 0.00
ROARING___BROOK_WT_PWR 323790	16.91 -0.49 -0.19	2.83 -0.01 -0.61	-4.73 0.18 -0.78	11.48 -0.38 -0.42	16.32 -0.58 -0.27	20.22 -1.12 -0.13	24.48 -1.66 -0.20	24.24 -1.47 -0.10	23.53 -1.51 0.00	19.58 -1.41 -0.04	12.22 -1.53 4.18	12.54 -1.76 8.07	18.29 -2.07 4.59	-18.53 -2.02 40.67	-20.85 -1.05 32.77	31.35 -1.12 0.00	34.85 -1.05 0.00	38.48 -1.01 0.00	37.44 -0.95 0.00	36.29 -1.01 0.00	39.61 -0.91 0.00	36.63 -0.89 0.00	33.87 -0.55 0.00	26.63 -0.38 0.00
ROCHESRG_115KV_T4 355643	18.79 -0.17 -1.74	7.67 -0.06 -5.51	1.40 0.06 -7.03	15.05 -0.16 -3.79	18.76 -0.26 -2.40	21.92 -0.39 -1.12	27.05 -0.52 -1.65	25.74 -0.65 -0.79	24.58 -0.46 0.00	20.90 -0.34 -0.28	20.93 -0.43 -3.44	25.26 -0.46 -3.36	26.80 -0.40 -2.26	29.33 -0.40 -5.56	20.56 -0.29 -7.88	31.86 -0.61 0.00	35.21 -1.12 -0.43	38.22 -1.28 0.00	37.25 -1.14 0.00	36.16 -1.14 0.00	39.47 -1.05 0.00	36.41 -1.10 0.00	33.44 -0.98 0.00	26.44 -0.57 0.00
ROCHESTER_9_IC 23652	18.90 -0.07 -1.75	7.70 -0.05 -5.53	1.39 0.03 -7.06	15.13 -0.10 -3.80	18.87 -0.16 -2.40	22.06 -0.25 -1.12	27.24 -0.34 -1.65	25.94 -0.46 -0.79	24.76 -0.28 0.00	21.05 -0.18 -0.28	21.07 -0.31 -3.45	25.43 -0.30 -3.37	27.00 -0.21 -2.27	29.53 -0.21 -5.58	20.68 -0.20 -7.91	32.10 -0.37 0.00	35.48 -0.86 -0.43	38.53 -0.97 0.00	37.56 -0.84 0.00	36.46 -0.84 0.00	39.79 -0.73 0.00	36.67 -0.84 0.00	33.67 -0.75 0.00	26.62 -0.39 0.00
ROCKVIEW_13_KV_LD 356306	26.35 0.84 -8.30	28.58 0.11 -26.25	27.56 -0.27 -33.52	30.00 0.52 -18.04	28.92 0.88 -11.41	27.79 1.28 -5.31	35.49 1.73 -7.84	31.15 1.75 -3.80	26.70 1.66 0.00	24.93 1.38 -2.59	35.74 1.35 -16.46	40.03 1.62 -16.05	37.55 1.82 -10.79	52.54 1.78 -26.60	51.58 0.90 -37.70	35.27 2.80 0.00	41.15 3.18 -2.07	43.09 3.60 0.00	41.89 3.50 0.00	40.73 3.43 0.00	43.86 3.35 0.00	40.68 3.16 0.00	37.13 2.71 0.00	29.02 2.01 0.00
ROME____115KV_TB2 80656	18.49 0.48 -0.80	4.80 0.06 -2.52	-2.63 0.33 -3.22	13.50 0.49 -1.73	18.21 0.49 -1.10	22.37 0.66 -0.51	27.61 0.94 -0.74	26.95 0.98 -0.36	25.95 0.91 0.00	21.65 0.57 -0.13	24.56 0.33 -6.30	33.13 0.61 -10.16	30.74 0.56 -5.24	33.38 0.66 -8.56	22.10 0.39 -8.74	36.92 1.24 -3.21	37.55 1.46 -0.19	41.27 1.77 0.00	40.11 1.71 0.00	38.96 1.67 0.00	42.14 1.62 0.00	38.92 1.41 0.00	35.68 1.27 0.00	28.03 1.02 0.00
ROSETON___1 23587	26.11 0.69 -8.21	28.28 0.09 -25.98	27.25 -0.23 -33.16	29.74 0.45 -17.85	28.67 0.75 -11.30	27.52 1.07 -5.25	35.10 1.41 -7.76	30.76 1.40 -3.76	26.37 1.33 0.00	23.39 1.11 -1.32	35.30 1.08 -16.29	39.54 1.30 -15.88	37.08 1.46 -10.68	51.90 1.42 -26.32	50.99 0.71 -37.31	34.76 2.29 0.00	40.54 2.60 -2.05	42.42 2.93 0.00	41.27 2.87 0.00	40.13 2.83 0.00	43.23 2.72 0.00	40.10 2.59 0.00	36.64 2.22 0.00	28.68 1.67 0.00
ROSETON___2 23588	26.11 0.69 -8.21	28.28 0.09 -25.98	27.25 -0.23 -33.16	29.74 0.45 -17.85	28.67 0.75 -11.30	27.52 1.07 -5.25	35.10 1.41 -7.76	30.76 1.40 -3.76	26.37 1.33 0.00	23.39 1.11 -1.32	35.30 1.08 -16.29	39.54 1.30 -15.88	37.08 1.46 -10.68	51.90 1.42 -26.32	50.99 0.71 -37.31	34.76 2.29 0.00	40.54 2.60 -2.05	42.42 2.93 0.00	41.27 2.87 0.00	40.13 2.83 0.00	43.23 2.72 0.00	40.10 2.59 0.00	36.64 2.22 0.00	28.68 1.67 0.00
ROTTDRAM_115KV_TB3 80664	28.52 0.54 -10.76	36.35 0.07 -34.06	37.62 -0.18 -43.48	35.20 0.36 -23.41	31.98 0.55 -14.81	28.86 0.77 -6.89	37.12 1.02 -10.17	31.56 1.03 -4.93	26.01 0.97 0.00	23.72 0.76 -2.00	39.97 0.69 -21.35	44.05 0.88 -20.82	39.95 1.01 -14.00	59.66 1.00 -34.50	62.39 0.52 -48.90	34.12 1.65 0.00	40.47 1.88 -2.69	41.63 2.13 0.00	40.45 2.06 0.00	39.29 1.99 0.00	42.53 2.02 0.00	39.35 1.84 0.00	36.04 1.62 0.00	28.26 1.25 0.00

RUSSELL___1 23602	18.97 0.01 -1.75	7.71 -0.04 -5.53	1.37 0.00 -7.06	15.18 -0.05 -3.80	18.94 -0.09 -2.40	22.16 -0.16 -1.12	27.37 -0.21 -1.65	26.08 -0.31 -0.79	24.91 -0.14 0.00	21.18 -0.06 -0.28	21.17 -0.21 -3.45	25.55 -0.18 -3.37	27.13 -0.07 -2.27	29.67 -0.07 -5.58	20.76 -0.12 -7.91	32.28 -0.19 0.00	35.70 -0.63 -0.43	38.78 -0.72 0.00	37.82 -0.58 0.00	36.70 -0.60 0.00	40.03 -0.48 0.00	36.90 -0.61 0.00	33.86 -0.56 0.00	26.76 -0.26 0.00
RUSSELL___2 23532	18.97 0.01 -1.75	7.71 -0.04 -5.53	1.37 0.00 -7.06	15.18 -0.05 -3.80	18.94 -0.09 -2.40	22.16 -0.16 -1.12	27.37 -0.21 -1.65	26.08 -0.31 -0.79	24.91 -0.14 0.00	21.18 -0.06 -0.28	21.17 -0.21 -3.45	25.55 -0.18 -3.37	27.13 -0.07 -2.27	29.67 -0.07 -5.58	20.76 -0.12 -7.91	32.28 -0.19 0.00	35.70 -0.63 -0.43	38.78 -0.72 0.00	37.82 -0.58 0.00	36.70 -0.60 0.00	40.03 -0.48 0.00	36.90 -0.61 0.00	33.86 -0.56 0.00	26.76 -0.26 0.00
RUSSELL___3 23549	18.97 0.01 -1.75	7.71 -0.04 -5.53	1.37 0.00 -7.06	15.18 -0.05 -3.80	18.94 -0.09 -2.40	22.16 -0.16 -1.12	27.37 -0.21 -1.65	26.08 -0.31 -0.79	24.91 -0.14 0.00	21.18 -0.06 -0.28	21.17 -0.21 -3.45	25.55 -0.18 -3.37	27.13 -0.07 -2.27	29.67 -0.07 -5.58	20.76 -0.12 -7.91	32.28 -0.19 0.00	35.70 -0.63 -0.43	38.78 -0.72 0.00	37.82 -0.58 0.00	36.70 -0.60 0.00	40.03 -0.48 0.00	36.90 -0.61 0.00	33.86 -0.56 0.00	26.76 -0.26 0.00
RUSSELL___4 23556	18.97 0.01 -1.75	7.71 -0.04 -5.53	1.37 0.00 -7.06	15.18 -0.05 -3.80	18.94 -0.09 -2.40	22.16 -0.16 -1.12	27.37 -0.21 -1.65	26.08 -0.31 -0.79	24.91 -0.14 0.00	21.18 -0.06 -0.28	21.17 -0.21 -3.45	25.55 -0.18 -3.37	27.13 -0.07 -2.27	29.67 -0.07 -5.58	20.76 -0.12 -7.91	32.28 -0.19 0.00	35.70 -0.63 -0.43	38.78 -0.72 0.00	37.82 -0.58 0.00	36.70 -0.60 0.00	40.03 -0.48 0.00	36.90 -0.61 0.00	33.86 -0.56 0.00	26.76 -0.26 0.00
RUSSELL___STATION 23914	18.97 0.01 -1.75	7.71 -0.04 -5.53	1.37 0.00 -7.06	15.18 -0.05 -3.80	18.94 -0.09 -2.40	22.16 -0.16 -1.12	27.37 -0.21 -1.65	26.08 -0.31 -0.79	24.91 -0.14 0.00	21.18 -0.06 -0.28	21.17 -0.21 -3.45	25.55 -0.18 -3.37	27.13 -0.07 -2.27	29.67 -0.07 -5.58	20.76 -0.12 -7.91	32.28 -0.19 0.00	35.70 -0.63 -0.43	38.78 -0.72 0.00	37.82 -0.58 0.00	36.70 -0.60 0.00	40.03 -0.48 0.00	36.90 -0.61 0.00	33.86 -0.56 0.00	26.76 -0.26 0.00
S SALMON___HYD 24043	18.15 -0.29 -1.22	6.05 -0.03 -3.86	-0.66 0.10 -4.93	13.92 -0.18 -2.66	18.02 -0.28 -1.68	21.54 -0.45 -0.79	26.57 -0.56 -1.20	25.67 -0.51 -0.58	24.52 -0.52 0.00	20.63 -0.53 -0.20	15.22 -0.57 2.14	15.71 -0.65 6.00	21.68 -0.79 2.48	17.95 -0.77 5.44	10.38 -0.42 2.17	29.37 -0.81 2.30	35.23 -0.98 -0.31	38.57 -0.92 0.00	37.49 -0.90 0.00	36.43 -0.87 0.00	39.50 -1.02 0.00	36.50 -1.02 0.00	33.54 -0.88 0.00	26.37 -0.64 0.00
S.PERRY___115KV_TB1 80734	19.64 0.30 -2.13	8.95 -0.01 -6.73	2.78 -0.13 -8.60	16.31 0.25 -4.63	19.97 0.42 -2.93	23.03 0.47 -1.36	28.62 0.67 -2.02	27.07 0.49 -0.98	25.59 0.55 0.00	21.66 0.37 -0.34	22.20 0.07 -4.20	26.62 0.16 -4.10	27.91 0.22 -2.76	31.24 0.28 -6.80	22.68 0.08 -9.62	32.94 0.47 0.00	36.52 0.09 -0.53	39.59 0.09 0.00	38.68 0.29 0.00	37.60 0.30 0.00	41.37 0.85 0.00	38.22 0.71 0.00	35.16 0.74 0.00	27.80 0.78 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	18.98 -0.23 -2.00	8.47 -0.09 -6.33	2.47 0.08 -8.09	15.56 -0.23 -4.36	19.03 -0.34 -2.75	21.91 -0.57 -1.28	27.03 -0.79 -1.90	25.48 -1.04 -0.92	24.31 -0.73 0.00	20.72 -0.55 -0.32	21.13 -0.73 -3.94	25.40 -0.81 -3.84	26.77 -0.75 -2.59	29.79 -0.74 -6.37	21.40 -0.56 -8.99	31.27 -1.20 0.00	34.33 -2.06 -0.49	37.12 -2.38 0.00	36.28 -2.12 0.00	35.24 -2.05 0.00	38.74 -1.78 0.00	35.76 -1.75 0.00	33.01 -1.41 0.00	26.30 -0.71 0.00
SAWYER___23_KV_LOAD 55526	18.98 -0.23 -2.00	8.47 -0.09 -6.33	2.47 0.08 -8.09	15.56 -0.23 -4.36	19.03 -0.34 -2.75	21.91 -0.57 -1.28	27.03 -0.79 -1.90	25.48 -1.04 -0.92	24.31 -0.73 0.00	20.72 -0.55 -0.32	21.13 -0.73 -3.94	25.40 -0.81 -3.84	26.77 -0.75 -2.59	29.79 -0.74 -6.37	21.40 -0.56 -8.99	31.27 -1.20 0.00	34.33 -2.06 -0.49	37.12 -2.38 0.00	36.28 -2.12 0.00	35.24 -2.05 0.00	38.74 -1.78 0.00	35.76 -1.75 0.00	33.01 -1.41 0.00	26.30 -0.71 0.00
SELKIRK___I 23801	27.95 0.52 -10.21	34.59 0.08 -32.30	35.38 -0.16 -41.23	33.97 0.34 -22.20	31.20 0.53 -14.04	28.49 0.76 -6.53	36.53 0.96 -9.64	31.22 0.93 -4.68	25.93 0.89 0.00	23.56 0.70 -1.91	38.82 0.64 -20.25	42.89 0.79 -19.74	39.13 0.92 -13.28	57.75 0.87 -32.72	59.79 0.44 -46.38	34.03 1.56 0.00	40.19 1.75 -2.55	41.43 1.94 0.00	40.25 1.86 0.00	39.12 1.82 0.00	42.37 1.85 0.00	39.20 1.69 0.00	35.89 1.47 0.00	28.29 1.28 0.00
SELKIRK___II 23799	27.94 0.40 -10.32	34.94 0.06 -32.66	35.89 -0.12 -41.70	34.13 0.25 -22.45	31.24 0.41 -14.20	28.41 0.61 -6.60	36.45 0.77 -9.75	31.10 0.77 -4.73	25.77 0.73 0.00	23.49 0.59 -1.94	38.95 0.55 -20.48	42.99 0.67 -19.97	39.14 0.78 -13.43	58.00 0.75 -33.09	60.24 0.37 -46.90	33.85 1.38 0.00	40.01 1.54 -2.58	41.21 1.71 0.00	40.04 1.65 0.00	38.91 1.61 0.00	42.13 1.61 0.00	39.00 1.49 0.00	35.70 1.28 0.00	28.12 1.11 0.00
SENECA OSWGO___HYD 24041	18.35 -0.22 -1.35	6.46 -0.04 -4.28	-0.16 0.07 -5.46	14.22 -0.15 -2.94	18.24 -0.24 -1.86	21.70 -0.37 -0.87	26.71 -0.50 -1.29	25.72 -0.51 -0.63	24.59 -0.45 0.00	20.83 -0.34 -0.22	19.30 -0.32 -1.69	22.75 -0.41 -0.81	25.35 -0.47 -0.88	25.80 -0.45 -2.08	17.03 -0.23 -4.29	31.54 -0.50 0.43	35.55 -0.68 -0.34	38.76 -0.74 0.00	37.70 -0.70 0.00	36.62 -0.68 0.00	39.75 -0.77 0.00	36.76 -0.76 0.00	33.67 -0.74 0.00	26.44 -0.57 0.00
SENECA___115KV_TB3 355854	19.30 0.04 -2.05	8.64 -0.05 -6.47	2.56 -0.01 -8.27	15.85 -0.03 -4.45	19.39 -0.05 -2.82	22.31 -0.20 -1.31	27.56 -0.30 -1.94	26.00 -0.54 -0.94	24.79 -0.25 0.00	21.11 -0.17 -0.33	21.55 -0.40 -4.02	25.90 -0.38 -3.93	27.26 -0.32 -2.64	30.35 -0.31 -6.51	21.80 -0.35 -9.19	31.83 -0.64 0.00	34.96 -1.45 -0.51	37.84 -1.66 0.00	36.99 -1.40 0.00	35.96 -1.34 0.00	39.54 -0.98 0.00	36.54 -0.97 0.00	33.74 -0.68 0.00	26.83 -0.18 0.00
SENECA___ENERGY 23797	18.97 -0.02 -1.77	7.79 -0.02 -5.59	1.44 -0.01 -7.14	15.30 0.02 -3.84	19.08 0.02 -2.43	22.34 0.01 -1.13	27.67 0.06 -1.68	26.84 0.39 -0.85	25.36 0.32 0.00	21.22 -0.02 -0.28	21.33 -0.10 -3.51	25.67 -0.11 -3.42	27.13 -0.11 -2.30	29.79 -0.04 -5.67	20.95 -0.05 -8.03	32.49 0.02 0.00	36.15 -0.19 -0.44	39.31 -0.19 0.00	38.27 -0.12 0.00	37.19 -0.11 0.00	40.45 -0.06 0.00	37.50 -0.01 0.00	34.37 -0.06 0.00	27.03 0.02 0.00
SHOEMAKER___GT 23640	25.42 0.61 -7.58	26.30 0.08 -24.00	24.75 -0.21 -30.65	28.35 0.42 -16.50	27.75 0.69 -10.44	27.01 0.96 -4.85	34.36 1.27 -7.17	30.33 1.25 -3.48	26.22 1.17 0.00	21.89 0.95 0.01	33.91 0.93 -15.05	38.13 1.10 -14.68	36.04 1.23 -9.87	49.66 1.17 -24.32	48.05 0.60 -34.47	34.44 1.97 0.00	40.04 2.25 -1.89	42.06 2.56 0.00	40.92 2.52 0.00	39.78 2.48 0.00	42.93 2.41 0.00	39.82 2.31 0.00	36.38 1.97 0.00	28.48 1.47 0.00

SHOEMAKR_138KV_BK 111 55601	25.36 0.61 -7.54	26.14 0.08 -23.84	24.55 -0.20 -30.44	28.23 0.41 -16.39	27.67 0.68 -10.37	26.97 0.96 -4.82	34.31 1.26 -7.12	30.29 1.24 -3.46	26.21 1.17 0.00	21.94 0.95 -0.04	33.80 0.93 -14.95	38.03 1.10 -14.58	35.97 1.22 -9.81	49.51 1.18 -24.16	47.82 0.60 -34.24	34.44 1.97 0.00	40.02 2.24 -1.88	42.04 2.54 0.00	40.90 2.50 0.00	39.77 2.47 0.00	42.91 2.40 0.00	39.80 2.29 0.00	36.37 1.95 0.00	28.46 1.45 0.00
SHOREHAM_IC_1 23715	27.00 1.49 -8.30	28.70 0.23 -26.26	27.35 -0.48 -33.52	30.34 0.85 -18.05	29.52 1.48 -11.42	29.41 2.29 -5.93	36.67 2.91 -7.84	32.08 2.68 -3.81	27.44 2.39 0.00	25.54 2.01 -2.58	36.52 2.00 -16.59	40.88 2.43 -16.09	53.33 2.84 -25.54	89.27 2.93 -62.18	74.19 1.51 -59.71	52.87 4.21 -16.19	70.59 4.88 -29.82	91.40 5.73 -46.18	212.26 5.56 -168.30	97.65 5.43 -54.92	67.21 5.54 -21.15	48.62 5.11 -6.00	53.60 4.51 -14.68	34.50 3.36 -4.13
SHOREHAM_IC_2 23716	27.00 1.49 -8.30	28.70 0.23 -26.26	27.35 -0.48 -33.52	30.34 0.85 -18.05	29.52 1.48 -11.42	29.41 2.29 -5.93	36.67 2.91 -7.84	32.08 2.68 -3.81	27.44 2.39 0.00	25.54 2.01 -2.58	36.52 2.00 -16.59	40.88 2.43 -16.09	53.33 2.84 -25.54	89.27 2.93 -62.18	74.19 1.51 -59.71	52.87 4.21 -16.19	70.59 4.88 -29.82	91.40 5.73 -46.18	212.26 5.56 -168.30	97.65 5.43 -54.92	67.21 5.54 -21.15	48.62 5.11 -6.00	53.60 4.51 -14.68	34.50 3.36 -4.13
SISSONVILLE____ 23735	16.83 -0.81 -0.42	3.57 0.03 -1.32	-3.73 0.27 -1.69	11.79 -0.55 -0.91	16.25 -0.95 -0.57	19.51 -1.96 -0.27	23.49 -2.82 -0.39	23.30 -2.49 -0.20	22.45 -2.59 0.00	18.64 -2.39 -0.07	2.73 -2.43 12.77	-4.20 -2.68 23.88	13.14 -3.03 8.77	-23.62 -2.82 44.96	-24.62 -1.37 36.22	34.70 -1.11 -3.33	43.83 -1.12 -9.05	47.60 -1.39 -9.49	46.07 -1.31 -8.99	44.92 -1.20 -8.82	48.75 -1.12 -9.35	45.42 -0.99 -8.90	41.14 -0.40 -7.12	32.75 -0.29 -6.03
SITHE_IND_GS1 24169	17.97 -0.42 -1.18	5.90 -0.06 -3.74	-0.78 0.14 -4.78	13.72 -0.28 -2.57	17.80 -0.46 -1.63	21.30 -0.66 -0.76	26.16 -0.89 -1.12	25.25 -0.89 -0.54	24.22 -0.82 0.00	20.51 -0.63 -0.19	19.71 -0.57 -2.35	23.92 -0.73 -2.29	25.65 -0.83 -1.54	27.14 -0.82 -3.80	17.93 -0.42 -5.38	31.42 -1.05 0.00	34.91 -1.28 -0.29	38.11 -1.39 0.00	37.06 -1.33 0.00	36.00 -1.30 0.00	39.10 -1.42 0.00	36.17 -1.34 0.00	33.17 -1.25 0.00	26.06 -0.95 0.00
SITHE_IND_GS2 24170	17.97 -0.42 -1.18	5.90 -0.06 -3.74	-0.78 0.14 -4.78	13.72 -0.28 -2.57	17.80 -0.46 -1.63	21.30 -0.66 -0.76	26.16 -0.89 -1.12	25.25 -0.89 -0.54	24.22 -0.82 0.00	20.51 -0.63 -0.19	19.71 -0.57 -2.35	23.92 -0.73 -2.29	25.65 -0.83 -1.54	27.14 -0.82 -3.80	17.93 -0.42 -5.38	31.42 -1.05 0.00	34.91 -1.28 -0.29	38.11 -1.39 0.00	37.06 -1.33 0.00	36.00 -1.30 0.00	39.10 -1.42 0.00	36.17 -1.34 0.00	33.17 -1.25 0.00	26.06 -0.95 0.00
SITHE_IND_GS3 24171	17.97 -0.42 -1.18	5.90 -0.06 -3.74	-0.78 0.14 -4.78	13.72 -0.28 -2.57	17.80 -0.46 -1.63	21.30 -0.66 -0.76	26.16 -0.89 -1.12	25.25 -0.89 -0.54	24.22 -0.82 0.00	20.51 -0.63 -0.19	19.71 -0.57 -2.35	23.92 -0.73 -2.29	25.65 -0.83 -1.54	27.14 -0.82 -3.80	17.93 -0.42 -5.38	31.42 -1.05 0.00	34.91 -1.28 -0.29	38.11 -1.39 0.00	37.06 -1.33 0.00	36.00 -1.30 0.00	39.10 -1.42 0.00	36.17 -1.34 0.00	33.17 -1.25 0.00	26.06 -0.95 0.00
SITHE_IND_GS4 24172	17.97 -0.42 -1.18	5.90 -0.06 -3.74	-0.78 0.14 -4.78	13.72 -0.28 -2.57	17.80 -0.46 -1.63	21.30 -0.66 -0.76	26.16 -0.89 -1.12	25.25 -0.89 -0.54	24.22 -0.82 0.00	20.51 -0.63 -0.19	19.71 -0.57 -2.35	23.92 -0.73 -2.29	25.65 -0.83 -1.54	27.14 -0.82 -3.80	17.93 -0.42 -5.38	31.42 -1.05 0.00	34.91 -1.28 -0.29	38.11 -1.39 0.00	37.06 -1.33 0.00	36.00 -1.30 0.00	39.10 -1.42 0.00	36.17 -1.34 0.00	33.17 -1.25 0.00	26.06 -0.95 0.00
SITHE____BATAVIA 24024	19.31 0.23 -1.87	8.12 -0.03 -5.92	1.80 -0.07 -7.56	15.57 0.07 -4.07	19.30 0.10 -2.58	22.46 0.07 -1.20	27.79 0.09 -1.77	26.37 -0.09 -0.85	25.16 0.11 0.00	21.34 0.08 -0.30	21.48 -0.14 -3.69	25.92 -0.04 -3.60	27.41 0.05 -2.42	30.14 0.01 -5.97	21.30 -0.11 -8.44	32.43 -0.04 0.00	35.80 -0.56 -0.46	38.85 -0.65 0.00	37.93 -0.46 0.00	36.84 -0.46 0.00	40.37 -0.14 0.00	37.16 -0.35 0.00	34.16 -0.26 0.00	27.08 0.07 0.00
SITHE____INDEPEND 23800	17.98 -0.42 -1.18	5.90 -0.06 -3.74	-0.78 0.14 -4.78	13.72 -0.28 -2.57	17.80 -0.46 -1.63	21.30 -0.65 -0.76	26.16 -0.89 -1.12	25.25 -0.89 -0.54	24.22 -0.82 0.00	20.51 -0.63 -0.19	19.71 -0.57 -2.35	23.92 -0.73 -2.29	25.65 -0.83 -1.54	27.13 -0.83 -3.80	17.93 -0.42 -5.38	31.42 -1.05 0.00	34.91 -1.28 -0.29	38.11 -1.39 0.00	37.06 -1.33 0.00	36.00 -1.30 0.00	39.10 -1.42 0.00	36.18 -1.33 0.00	33.17 -1.25 0.00	26.06 -0.95 0.00
SITHE____MASSENA 23902	16.78 -0.76 -0.33	3.29 0.04 -1.04	-4.11 0.26 -1.32	11.61 -0.54 -0.71	16.12 -0.95 -0.45	19.45 -1.96 -0.21	23.44 -2.80 -0.32	23.26 -2.50 -0.16	22.50 -2.54 0.00	18.75 -2.27 -0.06	5.81 -2.31 9.81	1.30 -2.56 18.51	13.17 -2.85 8.91	-21.79 -2.65 43.31	-23.17 -1.28 34.86	31.56 -0.37 0.54	37.10 -0.38 -1.58	40.54 -0.64 -1.68	39.44 -0.65 -1.70	38.38 -0.58 -1.66	41.89 -0.38 -1.76	38.87 -0.32 -1.68	35.67 -0.09 -1.34	28.03 -0.11 -1.14
SITHE____OGDNSBRG 24021	17.04 -0.56 -0.38	3.50 0.07 -1.21	-3.96 0.19 -1.54	11.86 -0.40 -0.83	16.41 -0.74 -0.53	19.77 -1.68 -0.25	23.95 -2.33 -0.35	23.81 -1.96 -0.17	22.96 -2.08 0.00	19.01 -2.01 -0.07	4.66 -2.10 11.17	-0.81 -2.18 21.00	13.31 -2.46 9.17	-22.22 -2.35 44.03	-23.52 -1.08 35.42	33.72 0.11 -1.14	40.98 0.24 -4.84	44.76 0.09 -5.17	44.40 -0.15 -6.15	43.23 -0.11 -6.04	47.05 0.13 -6.40	43.73 0.12 -6.10	39.69 0.40 -4.87	31.39 0.25 -4.13
SITHE____STERLING 23777	18.52 0.40 -0.91	5.14 0.05 -2.87	-2.16 -0.13 -3.67	13.69 0.28 -1.98	18.29 0.42 -1.25	22.32 0.54 -0.58	27.54 0.76 -0.85	26.81 0.80 -0.42	25.77 0.73 0.00	21.58 0.48 -0.15	22.78 0.30 -4.55	29.63 0.49 -6.78	29.07 0.50 -3.63	31.05 0.55 -6.34	20.35 0.32 -7.06	35.49 1.06 -1.96	37.32 1.20 -0.22	40.93 1.43 0.00	39.78 1.38 0.00	38.62 1.32 0.00	41.82 1.30 0.00	38.65 1.13 0.00	35.41 0.99 0.00	27.81 0.80 0.00
SLEIGHT__34_KV_TB1 80719	18.82 -0.11 -1.72	7.61 -0.04 -5.43	1.28 0.03 -6.93	15.08 -0.09 -3.73	18.85 -0.14 -2.36	22.11 -0.19 -1.10	27.33 -0.23 -1.62	26.04 -0.34 -0.78	24.84 -0.20 0.00	21.11 -0.12 -0.28	21.10 -0.23 -3.40	25.46 -0.22 -3.32	26.98 -0.19 -2.23	29.49 -0.16 -5.50	20.64 -0.12 -7.79	32.26 -0.21 0.00	35.82 -0.51 -0.43	38.95 -0.54 0.00	37.91 -0.49 0.00	36.80 -0.50 0.00	40.03 -0.49 0.00	36.95 -0.56 0.00	33.87 -0.55 0.00	26.69 -0.32 0.00
SOUTH CAIRO____GT 23612	28.14 1.11 -9.81	33.43 0.16 -31.06	33.62 -0.34 -39.65	33.47 0.69 -21.34	31.20 1.07 -13.50	29.00 1.52 -6.28	37.18 1.98 -9.27	32.12 2.02 -4.50	26.98 1.93 0.00	24.03 1.30 -1.78	38.49 1.10 -19.47	42.69 1.35 -18.98	39.12 1.41 -12.77	56.99 1.37 -31.47	58.30 0.73 -44.60	35.18 2.71 0.00	41.75 3.41 -2.45	43.44 3.95 0.00	42.23 3.83 0.00	40.98 3.68 0.00	44.36 3.84 0.00	40.87 3.35 0.00	37.32 2.90 0.00	29.41 2.40 0.00

SOUTH HAMPTN___IC 23720	27.25 1.73 -8.30	28.73 0.26 -26.26	27.27 -0.56 -33.52	30.52 1.03 -18.05	29.78 1.74 -11.42	29.77 2.64 -5.93	37.14 3.37 -7.84	32.64 3.24 -3.81	27.98 2.93 0.00	25.96 2.43 -2.58	36.82 2.30 -16.59	41.27 2.82 -16.09	53.76 3.29 -25.52	89.73 3.36 -62.20	74.45 1.76 -59.72	53.49 4.86 -16.16	71.29 5.62 -29.78	92.91 6.55 -46.86	212.86 6.37 -168.09	98.35 6.20 -54.84	68.05 6.38 -21.16	49.36 5.84 -6.01	54.24 5.15 -14.68	34.99 3.85 -4.14
SOUTHDOW_115KV_TB1 355954	20.17 0.83 -2.13	9.01 0.06 -6.73	2.66 -0.24 -8.59	16.50 0.44 -4.63	20.17 0.63 -2.93	23.27 0.71 -1.36	29.00 1.06 -2.01	27.43 0.86 -0.97	26.11 1.07 0.00	22.23 0.93 -0.34	22.63 0.53 -4.18	27.31 0.88 -4.07	28.62 0.95 -2.74	31.83 0.92 -6.75	22.80 0.29 -9.53	33.44 0.97 0.00	36.93 0.51 -0.52	40.02 0.52 0.00	39.20 0.81 0.00	38.07 0.77 0.00	41.83 1.32 0.00	38.86 1.35 0.00	35.91 1.49 0.00	28.34 1.33 0.00
SOUTHOLD_69_KV_BK 2 55809	27.45 1.93 -8.30	28.76 0.28 -26.26	27.21 -0.62 -33.52	30.65 1.16 -18.05	29.98 1.94 -11.42	30.03 2.91 -5.93	37.51 3.73 -7.84	33.00 3.60 -3.81	28.34 3.30 0.00	26.24 2.70 -2.58	37.07 2.55 -16.59	41.55 3.10 -16.09	54.08 3.62 -25.52	90.05 3.68 -62.20	74.64 1.95 -59.72	53.98 5.35 -16.16	71.88 6.20 -29.78	93.55 7.21 -46.84	213.49 7.05 -168.05	98.98 6.84 -54.84	68.80 7.13 -21.16	49.94 6.43 -6.00	54.76 5.66 -14.68	35.38 4.23 -4.14
SOUTHOLD___IC 23719	27.44 1.93 -8.30	28.76 0.28 -26.26	27.21 -0.62 -33.52	30.65 1.16 -18.05	29.98 1.94 -11.42	30.03 2.91 -5.93	37.51 3.74 -7.84	33.00 3.60 -3.81	28.33 3.29 0.00	26.24 2.70 -2.58	37.07 2.55 -16.59	41.55 3.10 -16.09	54.10 3.64 -25.52	90.07 3.70 -62.20	74.65 1.96 -59.72	53.99 5.36 -16.16	71.89 6.22 -29.78	93.57 7.23 -46.84	213.49 7.04 -168.05	98.98 6.84 -54.84	68.74 7.06 -21.16	49.95 6.43 -6.00	54.76 5.66 -14.68	35.38 4.23 -4.14
SOUTH_FORK_WT_PWR 323839	27.49 1.98 -8.30	28.76 0.29 -26.26	27.19 -0.64 -33.52	30.68 1.20 -18.05	30.03 1.98 -11.42	30.10 2.98 -5.93	37.59 3.82 -7.84	33.09 3.69 -3.81	28.41 3.37 0.00	26.30 2.77 -2.58	37.11 2.59 -16.59	41.62 3.17 -16.09	54.18 3.72 -25.52	90.14 3.78 -62.20	74.69 2.00 -59.72	54.10 5.47 -16.16	72.03 6.35 -29.78	93.72 7.38 -46.85	213.65 7.19 -168.07	99.12 6.97 -54.84	68.87 7.20 -21.16	50.08 6.56 -6.01	54.88 5.78 -14.68	35.47 4.33 -4.14
SPIERFLS_115KV_TB 1 80737	28.24 0.37 -10.66	35.99 0.05 -33.73	37.27 -0.10 -43.06	34.84 0.23 -23.18	31.67 0.38 -14.67	28.64 0.62 -6.82	36.97 0.97 -10.07	31.51 1.02 -4.89	25.96 0.92 0.00	23.59 0.65 -1.99	39.70 0.63 -21.14	43.75 0.78 -20.62	39.74 0.93 -13.87	59.30 0.97 -34.17	61.89 0.49 -48.43	34.11 1.64 0.00	40.63 2.08 -2.66	41.90 2.40 0.00	40.66 2.27 0.00	39.44 2.14 0.00	42.56 2.05 0.00	39.33 1.82 0.00	36.07 1.65 0.00	28.22 1.21 0.00
ST LAWRENCE___ 23600	16.56 -0.96 -0.31	3.21 0.01 -0.97	-4.10 0.35 -1.25	11.39 -0.71 -0.67	15.87 -1.18 -0.42	19.19 -2.22 -0.20	23.11 -3.12 -0.30	22.97 -2.79 -0.15	22.20 -2.84 0.00	18.51 -2.50 -0.06	6.03 -2.50 9.39	1.71 -2.85 17.80	12.14 -3.18 9.62	-21.79 -2.95 43.00	-23.07 -1.46 34.57	30.29 -0.76 1.42	35.17 -0.73 0.00	38.56 -0.93 0.00	37.43 -0.96 0.00	36.38 -0.92 0.00	39.77 -0.75 0.00	36.86 -0.66 0.00	33.96 -0.46 0.00	26.60 -0.41 0.00
STATE_CA_115KV_115_LB 55624	28.09 0.43 -10.44	35.33 0.07 -33.04	36.38 -0.11 -42.19	34.39 0.24 -22.71	31.41 0.42 -14.37	28.52 0.64 -6.68	36.60 0.81 -9.87	31.21 0.82 -4.79	25.84 0.79 0.00	23.56 0.64 -1.97	39.24 0.59 -20.72	43.28 0.72 -20.20	39.38 0.86 -13.59	58.46 0.82 -33.48	60.83 0.41 -47.45	33.99 1.53 0.00	40.19 1.69 -2.61	41.36 1.87 0.00	40.17 1.78 0.00	39.03 1.73 0.00	42.25 1.73 0.00	39.09 1.57 0.00	35.77 1.35 0.00	28.23 1.22 0.00
STATE_ST_34_KV_LOAD 55959	19.15 0.18 -1.75	7.77 0.01 -5.54	1.31 -0.08 -7.08	15.41 0.16 -3.81	19.24 0.21 -2.41	22.57 0.25 -1.12	27.80 0.21 -1.66	26.73 0.31 -0.82	25.42 0.38 0.00	21.45 0.22 -0.28	21.52 0.12 -3.48	25.93 0.17 -3.39	27.33 0.11 -2.28	29.91 0.12 -5.62	21.07 0.13 -7.97	32.82 0.34 0.00	36.58 0.25 -0.44	39.95 0.45 0.00	38.76 0.37 0.00	37.76 0.46 0.00	40.85 0.34 0.00	37.86 0.35 0.00	34.68 0.26 0.00	27.29 0.28 0.00
STATION 5_MISC_HYD 23604	18.89 -0.07 -1.75	7.71 -0.04 -5.53	1.39 0.03 -7.06	15.13 -0.10 -3.80	18.87 -0.16 -2.40	22.07 -0.25 -1.12	27.24 -0.34 -1.65	25.95 -0.45 -0.79	24.77 -0.27 0.00	21.06 -0.17 -0.28	21.08 -0.30 -3.45	25.46 -0.27 -3.37	26.99 -0.21 -2.27	29.53 -0.21 -5.58	20.69 -0.20 -7.91	32.10 -0.37 0.00	35.48 -0.86 -0.43	38.53 -0.97 0.00	37.55 -0.84 0.00	36.46 -0.84 0.00	39.78 -0.73 0.00	36.68 -0.84 0.00	33.68 -0.74 0.00	26.60 -0.42 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	19.03 0.08 -1.74	7.70 -0.01 -5.50	1.29 -0.03 -7.02	15.26 0.04 -3.78	19.08 0.07 -2.39	22.38 0.07 -1.11	27.76 0.19 -1.64	27.30 0.93 -0.78	25.86 0.82 0.00	21.34 0.11 -0.28	21.33 -0.03 -3.44	25.73 0.01 -3.35	27.30 0.10 -2.26	29.84 0.12 -5.56	20.85 0.00 -7.88	32.63 0.16 0.00	36.21 -0.12 -0.43	39.36 -0.14 0.00	38.35 -0.04 0.00	37.22 -0.08 0.00	40.54 0.02 0.00	37.43 -0.08 0.00	34.29 -0.13 0.00	27.02 0.01 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	18.79 -0.16 -1.74	7.67 -0.06 -5.50	1.39 0.06 -7.03	15.06 -0.15 -3.78	18.77 -0.24 -2.39	21.96 -0.35 -1.11	27.12 -0.46 -1.65	25.81 -0.58 -0.79	24.64 -0.40 0.00	20.96 -0.27 -0.28	20.99 -0.37 -3.44	25.33 -0.38 -3.35	26.89 -0.31 -2.26	29.42 -0.30 -5.56	20.61 -0.24 -7.88	31.99 -0.48 0.00	35.39 -0.94 -0.43	38.43 -1.07 0.00	37.45 -0.95 0.00	36.35 -0.95 0.00	39.63 -0.89 0.00	36.55 -0.97 0.00	33.53 -0.89 0.00	26.48 -0.53 0.00
STA_56___34_KV_BUS2 355983	18.79 -0.16 -1.74	7.67 -0.06 -5.50	1.39 0.06 -7.03	15.06 -0.15 -3.78	18.77 -0.24 -2.39	21.96 -0.35 -1.11	27.12 -0.46 -1.65	25.81 -0.58 -0.79	24.64 -0.40 0.00	20.96 -0.27 -0.28	20.99 -0.37 -3.44	25.33 -0.38 -3.35	26.89 -0.31 -2.26	29.42 -0.30 -5.56	20.61 -0.24 -7.88	31.99 -0.48 0.00	35.39 -0.94 -0.43	38.43 -1.07 0.00	37.45 -0.95 0.00	36.35 -0.95 0.00	39.63 -0.89 0.00	36.55 -0.97 0.00	33.53 -0.89 0.00	26.48 -0.53 0.00
STA_67___115KV_BK2 355882	18.85 -0.11 -1.75	7.70 -0.05 -5.52	1.40 0.04 -7.05	15.11 -0.12 -3.80	18.83 -0.20 -2.40	22.01 -0.30 -1.12	27.17 -0.41 -1.65	25.87 -0.52 -0.79	24.69 -0.35 0.00	21.00 -0.24 -0.28	21.02 -0.36 -3.45	25.36 -0.36 -3.37	26.92 -0.28 -2.26	29.46 -0.28 -5.58	20.65 -0.23 -7.91	32.01 -0.46 0.00	35.38 -0.95 -0.43	38.42 -1.08 0.00	37.44 -0.95 0.00	36.35 -0.95 0.00	39.67 -0.85 0.00	36.58 -0.94 0.00	33.58 -0.84 0.00	26.55 -0.47 0.00
STA_7___115KV_9TRANS 80674	18.97 0.01 -1.75	7.71 -0.04 -5.53	1.37 0.00 -7.06	15.18 -0.05 -3.80	18.94 -0.09 -2.40	22.16 -0.16 -1.12	27.37 -0.21 -1.65	26.08 -0.31 -0.79	24.91 -0.14 0.00	21.18 -0.06 -0.28	21.17 -0.21 -3.45	25.55 -0.18 -3.37	27.13 -0.07 -2.27	29.67 -0.07 -5.58	20.76 -0.12 -7.91	32.28 -0.19 0.00	35.70 -0.63 -0.43	38.78 -0.72 0.00	37.82 -0.58 0.00	36.70 -0.60 0.00	40.03 -0.48 0.00	36.90 -0.61 0.00	33.86 -0.56 0.00	26.76 -0.26 0.00

STA_82___115KV_TB1 80780	18.87 -0.10 -1.75	7.71 -0.05 -5.54	1.42 0.03 -7.07	15.13 -0.12 -3.81	18.84 -0.19 -2.41	22.03 -0.29 -1.12	27.20 -0.39 -1.66	25.90 -0.50 -0.80	24.72 -0.32 0.00	21.01 -0.22 -0.28	21.04 -0.35 -3.46	25.39 -0.34 -3.38	26.95 -0.26 -2.27	29.49 -0.26 -5.59	20.67 -0.22 -7.93	32.03 -0.44 0.00	35.40 -0.93 -0.43	38.45 -1.05 0.00	37.48 -0.92 0.00	36.38 -0.92 0.00	39.71 -0.81 0.00	36.60 -0.91 0.00	33.60 -0.82 0.00	26.57 -0.44 0.00
STEEL___WIND 323596	19.27 0.01 -2.05	8.64 -0.05 -6.47	2.57 0.00 -8.27	15.83 -0.05 -4.45	19.36 -0.08 -2.82	22.28 -0.22 -1.31	27.53 -0.34 -1.94	25.96 -0.58 -0.94	24.75 -0.29 0.00	21.08 -0.20 -0.33	21.52 -0.43 -4.02	25.90 -0.39 -3.93	27.20 -0.38 -2.64	30.31 -0.36 -6.51	21.78 -0.38 -9.19	31.76 -0.71 0.00	34.87 -1.53 -0.51	37.74 -1.76 0.00	36.92 -1.48 0.00	35.89 -1.41 0.00	39.46 -1.06 0.00	36.48 -1.03 0.00	33.70 -0.72 0.00	26.75 -0.26 0.00
STEPHTWN_115KV_BK_2 55603	28.15 0.58 -10.35	35.05 0.09 -32.74	35.95 -0.16 -41.80	34.27 0.33 -22.51	31.41 0.55 -14.24	28.68 0.86 -6.62	36.82 1.11 -9.78	31.44 1.10 -4.74	26.04 1.00 0.00	23.68 0.77 -1.95	39.19 0.74 -20.53	43.30 0.93 -20.01	39.49 1.10 -13.46	58.40 1.07 -33.17	60.50 0.51 -47.02	34.26 1.80 0.00	40.55 2.08 -2.58	41.80 2.30 0.00	40.59 2.20 0.00	39.47 2.17 0.00	42.73 2.21 0.00	39.47 1.96 0.00	36.06 1.64 0.00	28.44 1.43 0.00
STEBEN_REC_LFGE 323667	19.03 -0.62 -2.44	9.81 -0.13 -7.72	4.25 0.08 -9.86	16.70 -0.04 -5.31	20.02 0.04 -3.36	22.65 -0.11 -1.56	28.12 -0.12 -2.31	26.29 -0.45 -1.14	24.53 -0.51 0.00	20.58 -0.76 -0.39	21.89 -0.86 -4.83	25.94 -1.12 -4.71	26.95 -1.16 -3.17	30.89 -1.08 -7.80	23.37 -0.65 -11.05	31.13 -1.34 0.00	34.68 -1.83 -0.61	37.19 -2.30 0.00	36.41 -1.99 0.00	35.63 -1.67 0.00	40.04 -0.48 0.00	37.36 -0.15 0.00	34.58 0.16 0.00	27.42 0.41 0.00
STILLWATER___SOLAR 323814	28.53 0.70 -10.61	35.87 0.09 -33.56	36.94 -0.22 -42.85	34.96 0.45 -23.07	31.91 0.69 -14.59	28.99 1.00 -6.79	37.31 1.36 -10.02	31.83 1.36 -4.86	26.31 1.27 0.00	23.91 0.97 -1.99	39.85 0.89 -21.04	43.99 1.12 -20.51	40.03 1.30 -13.80	59.46 1.30 -34.00	61.83 0.67 -48.19	34.58 2.11 0.00	41.03 2.48 -2.65	42.29 2.79 0.00	41.08 2.68 0.00	39.89 2.59 0.00	43.14 2.63 0.00	39.88 2.37 0.00	36.52 2.10 0.00	28.62 1.61 0.00
STONY___BROOK 24151	26.90 1.39 -8.30	28.69 0.21 -26.26	27.38 -0.45 -33.52	30.28 0.80 -18.05	29.43 1.39 -11.42	29.28 2.16 -5.92	36.51 2.74 -7.84	32.04 2.64 -3.81	27.44 2.40 0.00	25.53 1.99 -2.58	36.48 1.95 -16.60	40.84 2.38 -16.10	53.25 2.71 -25.60	89.10 2.81 -62.13	74.09 1.44 -59.68	52.75 4.03 -16.25	70.44 4.62 -29.92	88.68 5.36 -43.82	220.39 5.29 -176.71	98.83 5.15 -56.38	66.87 5.24 -21.12	48.35 4.85 -5.99	53.34 4.25 -14.67	34.29 3.15 -4.13
STURGEON_POOL_HYD 23609	26.57 0.72 -8.63	29.63 0.09 -27.32	28.94 -0.25 -34.88	30.72 0.51 -18.78	29.31 0.81 -11.88	27.82 1.10 -5.52	35.53 1.44 -8.16	30.99 1.43 -3.96	26.42 1.38 0.00	23.53 1.18 -1.39	36.14 1.09 -17.13	40.37 1.31 -16.70	37.66 1.48 -11.23	53.30 1.46 -27.68	52.94 0.73 -39.24	34.81 2.34 0.00	40.72 2.67 -2.16	42.54 3.04 0.00	41.39 3.00 0.00	40.26 2.96 0.00	43.39 2.88 0.00	40.25 2.73 0.00	36.74 2.32 0.00	28.72 1.71 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	25.64 0.67 -7.75	26.84 0.08 -24.53	25.41 -0.22 -31.32	28.75 0.45 -16.86	28.04 0.75 -10.67	27.23 1.07 -4.96	34.67 1.41 -7.33	30.54 1.38 -3.56	26.33 1.29 0.00	21.84 1.05 0.16	34.34 1.03 -15.38	38.59 1.23 -15.00	36.40 1.37 -10.09	50.36 1.34 -24.86	48.89 0.68 -35.24	34.67 2.20 0.00	40.32 2.49 -1.93	42.31 2.82 0.00	41.16 2.77 0.00	40.03 2.73 0.00	43.18 2.66 0.00	40.02 2.51 0.00	36.56 2.14 0.00	28.59 1.58 0.00
SWANROAD_115KV_TB1 355699	18.65 -0.53 -1.96	8.28 -0.13 -6.19	2.39 0.17 -7.90	15.26 -0.43 -4.26	18.68 -0.64 -2.69	21.49 -0.96 -1.25	26.50 -1.29 -1.85	24.95 -1.54 -0.89	23.83 -1.21 0.00	20.31 -0.96 -0.31	20.68 -1.10 -3.85	24.84 -1.28 -3.76	26.22 -1.25 -2.53	29.14 -1.25 -6.23	20.95 -0.82 -8.79	30.64 -1.84 0.00	33.60 -2.78 -0.48	36.31 -3.18 0.00	35.47 -2.92 0.00	34.46 -2.84 0.00	37.92 -2.60 0.00	34.96 -2.55 0.00	32.28 -2.14 0.00	25.79 -1.22 0.00
SYNERGY___BIOGAS 323694	19.31 0.23 -1.87	8.12 -0.03 -5.92	1.80 -0.07 -7.56	15.57 0.07 -4.07	19.30 0.10 -2.58	22.46 0.07 -1.20	27.79 0.09 -1.77	26.37 -0.09 -0.85	25.16 0.11 0.00	21.34 0.08 -0.30	21.48 -0.14 -3.69	25.92 -0.04 -3.60	27.41 0.05 -2.42	30.14 0.01 -5.97	21.30 -0.11 -8.44	32.43 -0.04 0.00	35.80 -0.56 -0.46	38.85 -0.65 0.00	37.93 -0.46 0.00	36.84 -0.46 0.00	40.37 -0.14 0.00	37.16 -0.35 0.00	34.16 -0.26 0.00	27.08 0.07 0.00
SYRACUSE___ENERGY_ST1 323597	18.78 0.02 -1.55	7.12 0.00 -4.90	0.56 -0.02 -6.26	14.83 0.02 -3.37	18.78 0.02 -2.13	22.17 -0.02 -0.99	27.31 -0.09 -1.47	26.24 -0.08 -0.72	25.00 -0.04 0.00	21.17 -0.03 -0.25	20.95 -0.06 -3.08	25.30 -0.07 -3.01	26.87 -0.10 -2.02	28.59 -0.09 -4.52	19.62 -0.03 -6.68	32.49 0.02 0.00	36.15 -0.13 -0.39	39.40 -0.10 0.00	38.32 -0.07 0.00	37.23 -0.08 0.00	40.38 -0.13 0.00	37.36 -0.14 0.00	34.24 -0.18 0.00	26.88 -0.13 0.00
SYRACUSE___ENERGY_ST2 323598	18.78 0.02 -1.55	7.12 0.00 -4.90	0.56 -0.02 -6.26	14.83 0.02 -3.37	18.78 0.02 -2.13	22.17 -0.02 -0.99	27.31 -0.09 -1.47	26.24 -0.08 -0.72	25.00 -0.04 0.00	21.17 -0.03 -0.25	20.95 -0.06 -3.08	25.30 -0.07 -3.01	26.87 -0.10 -2.02	28.59 -0.09 -4.52	19.62 -0.03 -6.68	32.49 0.02 0.00	36.15 -0.13 -0.39	39.40 -0.10 0.00	38.32 -0.07 0.00	37.23 -0.08 0.00	40.38 -0.13 0.00	37.36 -0.14 0.00	34.24 -0.18 0.00	26.88 -0.13 0.00
SYRACUSE___POWER 24017	18.82 0.03 -1.58	7.21 -0.01 -4.99	0.67 -0.01 -6.38	14.89 0.02 -3.43	18.82 0.02 -2.17	22.17 -0.04 -1.01	27.33 -0.10 -1.50	26.21 -0.12 -0.73	24.97 -0.07 0.00	21.18 -0.03 -0.25	21.01 -0.06 -3.14	25.36 -0.06 -3.06	26.92 -0.07 -2.06	28.68 -0.06 -4.58	19.73 -0.03 -6.79	32.53 0.06 0.00	36.19 -0.11 -0.39	39.41 -0.09 0.00	38.34 -0.05 0.00	37.23 -0.08 0.00	40.41 -0.11 0.00	37.37 -0.14 0.00	34.22 -0.20 0.00	26.88 -0.14 0.00
TALLMAN___138KV_BK151 55660	25.91 0.74 -7.96	27.49 0.09 -25.18	26.21 -0.24 -32.15	29.23 0.48 -17.31	28.39 0.82 -10.95	27.47 1.18 -5.09	35.01 1.56 -7.52	30.76 1.51 -3.65	26.43 1.38 0.00	21.48 1.12 0.60	34.83 1.11 -15.79	39.07 1.32 -15.40	36.77 1.47 -10.35	51.13 1.46 -25.52	49.87 0.73 -36.16	34.82 2.35 0.00	40.55 2.67 -1.99	42.50 3.01 0.00	41.35 2.95 0.00	40.21 2.92 0.00	43.35 2.83 0.00	40.21 2.69 0.00	36.70 2.29 0.00	28.69 1.68 0.00
TEALLAVE_115KV_TB7 355573	18.58 -0.07 -1.43	6.73 -0.02 -4.53	0.11 0.02 -5.78	14.50 -0.04 -3.11	18.51 -0.08 -1.97	21.93 -0.19 -0.92	27.00 -0.29 -1.36	25.94 -0.32 -0.66	24.79 -0.26 0.00	21.01 -0.18 -0.23	20.59 -0.18 -2.84	24.94 -0.20 -2.78	26.58 -0.23 -1.87	28.00 -0.21 -4.04	18.93 -0.11 -6.06	32.30 -0.16 0.00	35.86 -0.39 -0.36	39.09 -0.41 0.00	38.02 -0.37 0.00	36.92 -0.38 0.00	40.07 -0.45 0.00	37.05 -0.46 0.00	33.95 -0.47 0.00	26.67 -0.35 0.00

TELGRAPH_34_KV_EAST 80808	19.00 -0.12 -1.91	8.18 -0.07 -6.04	2.06 0.04 -7.71	15.42 -0.16 -4.15	19.00 -0.25 -2.63	21.99 -0.43 -1.22	27.15 -0.59 -1.81	25.67 -0.80 -0.87	24.52 -0.52 0.00	20.87 -0.39 -0.30	21.09 -0.59 -3.76	25.39 -0.64 -3.67	26.84 -0.57 -2.47	29.66 -0.58 -6.08	21.12 -0.45 -8.59	31.57 -0.89 0.00	34.71 -1.65 -0.47	37.61 -1.89 0.00	36.71 -1.68 0.00	35.65 -1.65 0.00	39.18 -1.33 0.00	36.12 -1.39 0.00	33.26 -1.16 0.00	26.50 -0.51 0.00
TEMPLE___115KV_TB 2 55572	18.60 -0.06 -1.45	6.77 -0.02 -4.57	0.16 0.01 -5.84	14.54 -0.03 -3.14	18.54 -0.08 -1.99	21.96 -0.16 -0.93	27.03 -0.28 -1.37	25.97 -0.30 -0.67	24.80 -0.24 0.00	21.03 -0.16 -0.23	20.63 -0.17 -2.87	24.97 -0.19 -2.80	26.62 -0.21 -1.89	28.08 -0.19 -4.10	19.01 -0.10 -6.14	32.32 -0.15 0.00	35.89 -0.36 -0.36	39.11 -0.39 0.00	38.05 -0.35 0.00	36.94 -0.36 0.00	40.10 -0.42 0.00	37.08 -0.43 0.00	33.97 -0.45 0.00	26.69 -0.32 0.00
TIANA___69_KV_BK 1 55817	27.18 1.67 -8.30	28.73 0.25 -26.26	27.29 -0.54 -33.52	30.46 0.98 -18.05	29.71 1.67 -11.42	29.67 2.54 -5.93	37.02 3.25 -7.84	32.51 3.11 -3.81	27.87 2.82 0.00	25.87 2.33 -2.58	36.75 2.23 -16.59	41.16 2.71 -16.09	53.61 3.15 -25.52	89.59 3.22 -62.20	74.38 1.69 -59.72	53.31 4.68 -16.16	71.08 5.40 -29.78	92.65 6.31 -46.84	212.62 6.17 -168.05	98.15 6.01 -54.84	67.91 6.24 -21.16	49.17 5.65 -6.00	54.08 4.98 -14.68	34.86 3.71 -4.14
TILDEN___115KV_TB1 80814	18.82 0.03 -1.58	7.21 -0.01 -4.99	0.67 -0.01 -6.38	14.89 0.02 -3.43	18.82 0.02 -2.17	22.17 -0.04 -1.01	27.33 -0.10 -1.50	26.21 -0.12 -0.73	24.97 -0.07 0.00	21.18 -0.03 -0.25	21.01 -0.06 -3.14	25.36 -0.06 -3.06	26.92 -0.07 -2.06	28.68 -0.06 -4.58	19.73 -0.03 -6.79	32.53 0.06 0.00	36.19 -0.11 -0.39	39.41 -0.09 0.00	38.34 -0.05 0.00	37.23 -0.08 0.00	40.41 -0.11 0.00	37.37 -0.14 0.00	34.22 -0.20 0.00	26.88 -0.14 0.00
TRIGEN___CC 323695	26.57 1.06 -8.30	28.63 0.15 -26.26	27.49 -0.34 -33.52	30.10 0.61 -18.05	29.13 1.08 -11.42	28.60 1.66 -5.74	35.86 2.09 -7.84	31.44 2.03 -3.81	26.94 1.90 0.00	25.11 1.57 -2.58	37.04 1.61 -17.50	40.85 1.97 -16.52	63.24 2.16 -36.13	78.61 2.14 -52.30	68.09 1.09 -54.03	64.81 3.21 -29.13	89.60 3.61 -50.09	90.88 4.16 -47.22	99.40 4.03 -56.98	91.82 3.94 -50.58	59.54 4.01 -15.01	45.48 3.70 -4.26	50.40 3.20 -12.78	32.34 2.40 -2.93
TRINITY___115KV___4 BK 55933	27.95 0.36 -10.37	35.09 0.06 -32.81	36.10 -0.10 -41.89	34.18 0.20 -22.55	31.24 0.35 -14.27	28.40 0.56 -6.63	36.42 0.70 -9.80	31.06 0.70 -4.75	25.72 0.68 0.00	23.46 0.55 -1.96	39.01 0.52 -20.57	43.03 0.62 -20.05	39.17 0.74 -13.49	58.12 0.72 -33.24	60.43 0.35 -47.11	33.84 1.37 0.00	39.99 1.50 -2.59	41.16 1.67 0.00	39.98 1.59 0.00	38.85 1.55 0.00	42.07 1.55 0.00	38.92 1.41 0.00	35.63 1.21 0.00	28.14 1.13 0.00
UNION___PROCESSING_DRP 323587	18.88 -0.09 -1.75	7.71 -0.05 -5.54	1.42 0.03 -7.08	15.13 -0.11 -3.81	18.85 -0.18 -2.41	22.04 -0.28 -1.12	27.21 -0.37 -1.66	25.91 -0.49 -0.80	24.73 -0.31 0.00	21.02 -0.21 -0.28	21.05 -0.34 -3.46	25.40 -0.33 -3.38	26.96 -0.25 -2.27	29.51 -0.25 -5.60	20.68 -0.22 -7.93	32.04 -0.43 0.00	35.43 -0.90 -0.43	38.46 -1.04 0.00	37.48 -0.91 0.00	36.39 -0.91 0.00	39.72 -0.80 0.00	36.62 -0.89 0.00	33.62 -0.80 0.00	26.58 -0.44 0.00
UPPER HUDSON___HYD 24058	28.24 0.37 -10.66	35.99 0.05 -33.73	37.27 -0.10 -43.06	34.84 0.23 -23.18	31.67 0.38 -14.67	28.64 0.62 -6.82	36.97 0.97 -10.07	31.50 1.02 -4.89	25.96 0.92 0.00	23.59 0.65 -1.99	39.71 0.63 -21.14	43.75 0.78 -20.62	39.74 0.93 -13.87	59.30 0.97 -34.17	61.89 0.49 -48.43	34.11 1.64 0.00	40.64 2.08 -2.66	41.90 2.40 0.00	40.66 2.27 0.00	39.44 2.14 0.00	42.56 2.05 0.00	39.33 1.82 0.00	36.07 1.65 0.00	28.22 1.21 0.00
UPPER RAQUET___HYD 24056	16.83 -0.81 -0.42	3.57 0.03 -1.32	-3.73 0.28 -1.69	11.79 -0.55 -0.91	16.25 -0.95 -0.57	19.51 -1.96 -0.27	23.49 -2.83 -0.39	23.28 -2.52 -0.20	22.45 -2.59 0.00	18.64 -2.39 -0.07	2.73 -2.43 12.77	-4.21 -2.69 23.88	13.14 -3.03 8.77	-23.63 -2.82 44.96	-24.62 -1.37 36.22	34.70 -1.11 -3.33	43.83 -1.12 -9.05	47.60 -1.39 -9.49	46.07 -1.31 -8.99	44.92 -1.20 -8.82	48.76 -1.11 -9.35	45.42 -0.99 -8.90	41.13 -0.40 -7.12	32.75 -0.29 -6.03
VALLEY44_115KV_TB2 355964	20.18 0.81 -2.15	9.08 0.04 -6.81	2.74 -0.27 -8.70	16.64 0.52 -4.68	20.39 0.80 -2.96	23.41 0.83 -1.38	28.78 0.81 -2.04	27.15 0.56 -0.99	25.79 0.75 0.00	21.98 0.68 -0.34	22.57 0.42 -4.23	27.31 0.83 -4.12	28.69 0.98 -2.77	31.96 0.96 -6.83	22.91 0.28 -9.65	33.57 1.10 0.00	36.69 0.26 -0.53	39.73 0.24 0.00	38.89 0.49 0.00	37.82 0.52 0.00	41.46 0.95 0.00	38.43 0.91 0.00	35.62 1.20 0.00	28.17 1.15 0.00
VALLEY___115KV_TB 1-4 80826	17.35 -0.10 -0.24	2.97 -0.01 -0.76	-4.70 0.02 -0.96	11.92 -0.03 -0.52	16.91 -0.04 -0.33	21.51 0.16 -0.15	26.51 0.36 -0.22	26.15 0.44 -0.11	25.32 0.27 0.00	21.01 0.01 -0.04	19.82 -0.01 -1.90	25.50 0.06 -3.08	26.74 0.22 -1.58	27.54 0.25 -3.12	16.15 0.09 -3.09	34.34 0.63 -1.24	36.88 0.93 -0.05	40.70 1.21 0.00	39.72 1.32 0.00	38.61 1.31 0.00	41.74 1.22 0.00	38.45 0.94 0.00	35.08 0.66 0.00	27.55 0.54 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	21.94 1.21 -3.52	13.46 0.13 -11.12	8.06 -0.44 -14.19	19.97 0.90 -7.64	22.82 1.37 -4.83	25.25 1.80 -2.25	31.61 2.36 -3.32	29.62 2.40 -1.62	27.57 2.53 0.00	23.50 1.98 -0.57	26.61 1.67 -7.01	31.25 2.06 -6.84	31.83 2.29 -4.60	37.70 2.20 -11.34	30.21 1.18 -16.06	35.88 3.41 0.00	40.44 3.66 -0.88	43.72 4.22 0.00	42.49 4.09 0.00	41.10 3.80 0.00	44.59 4.08 0.00	41.20 3.69 0.00	37.68 3.26 0.00	29.53 2.52 0.00
VISCHER___FERRY HYD 24020	28.28 0.61 -10.46	35.38 0.08 -33.08	36.36 -0.19 -42.24	34.56 0.38 -22.74	31.59 0.58 -14.39	28.74 0.85 -6.69	36.93 1.12 -9.88	31.52 1.12 -4.79	26.11 1.07 0.00	23.78 0.85 -1.97	39.44 0.78 -20.74	43.58 0.99 -20.22	39.70 1.16 -13.60	58.82 1.14 -33.52	61.05 0.57 -47.51	34.34 1.87 0.00	40.63 2.12 -2.61	41.85 2.35 0.00	40.65 2.26 0.00	39.48 2.18 0.00	42.78 2.27 0.00	39.60 2.09 0.00	36.27 1.85 0.00	28.47 1.46 0.00
V_A_10_SYNC_DSASP 323832	18.65 -0.41 -1.85	7.97 -0.10 -5.84	1.91 0.14 -7.46	15.11 -0.34 -4.02	18.66 -0.51 -2.54	21.64 -0.74 -1.18	26.65 -1.03 -1.75	25.19 -1.25 -0.84	24.04 -1.00 0.00	20.49 -0.76 -0.30	20.72 -0.84 -3.64	25.00 -0.91 -3.55	26.43 -0.90 -2.39	29.17 -0.88 -5.89	20.73 -0.60 -8.36	31.10 -1.37 0.00	34.18 -2.17 -0.46	37.00 -2.50 0.00	36.10 -2.29 0.00	35.08 -2.22 0.00	38.46 -2.06 0.00	35.49 -2.02 0.00	32.73 -1.69 0.00	25.98 -1.03 0.00
V_CMM_10_SYNC_DSASP 323787	16.65 -0.88 -0.31	3.22 0.02 -0.97	-4.13 0.32 -1.25	11.45 -0.66 -0.67	15.95 -1.10 -0.42	19.29 -2.12 -0.20	23.24 -2.99 -0.30	23.09 -2.66 -0.15	22.33 -2.71 0.00	18.62 -2.40 -0.06	6.12 -2.42 9.39	1.82 -2.74 17.80	12.26 -3.05 9.62	-21.68 -2.84 43.00	-23.00 -1.40 34.57	30.45 -0.60 1.42	35.35 -0.55 0.00	38.76 -0.74 0.00	37.63 -0.77 0.00	36.56 -0.74 0.00	39.96 -0.55 0.00	37.04 -0.47 0.00	34.13 -0.29 0.00	26.74 -0.27 0.00

V_CMP_10_SYNC_DSASP 323788	16.86 -0.66 -0.31	3.28 0.09 -0.97	-4.17 0.27 -1.24	11.57 -0.53 -0.67	16.18 -0.87 -0.42	19.53 -1.87 -0.20	23.45 -2.78 -0.30	23.50 -2.26 -0.15	22.55 -2.49 0.00	18.54 -2.47 -0.06	-2.37 -2.81 17.49	-15.22 -3.35 34.23	-20.98 -3.60 42.32	-22.68 -3.04 43.80	-23.67 -1.44 35.21	-21.52 -1.28 52.70	-21.09 -1.22 55.76	-21.07 -1.57 59.00	-21.09 -1.62 57.86	-21.06 -1.57 56.79	-21.11 -1.39 60.23	-21.00 -1.17 57.34	-12.25 -0.83 45.83	-12.59 -0.76 38.84
V_D_10_SYNC_DSASP 323841	18.42 -0.76 -1.96	8.27 -0.16 -6.20	2.47 0.25 -7.92	15.12 -0.58 -4.26	18.47 -0.85 -2.70	21.25 -1.21 -1.26	26.17 -1.62 -1.86	24.63 -1.87 -0.90	23.51 -1.53 0.00	20.06 -1.21 -0.31	20.47 -1.32 -3.86	24.60 -1.53 -3.76	25.91 -1.56 -2.53	28.85 -1.55 -6.24	20.80 -0.98 -8.80	30.21 -2.26 0.00	33.12 -3.26 -0.48	35.76 -3.74 0.00	34.92 -3.48 0.00	33.92 -3.38 0.00	37.30 -3.22 0.00	34.39 -3.12 0.00	31.78 -2.64 0.00	25.41 -1.61 0.00
V_E_10_SYNC_DSASP 323830	21.53 1.03 -3.29	12.73 0.11 -10.40	7.19 -0.40 -13.28	19.34 0.75 -7.15	22.32 1.17 -4.52	24.90 1.60 -2.10	31.15 2.11 -3.11	29.41 2.30 -1.52	27.58 2.54 0.00	23.28 1.80 -0.53	25.86 1.38 -6.55	30.26 1.51 -6.39	31.13 1.90 -4.29	36.49 1.75 -10.58	28.95 0.99 -14.99	35.55 3.08 0.00	40.33 3.61 -0.82	43.79 4.29 0.00	42.29 3.90 0.00	40.91 3.61 0.00	44.35 3.84 0.00	40.91 3.39 0.00	37.37 2.95 0.00	29.33 2.32 0.00
V_F_30_NSYNC___DSASP 323816	28.57 0.72 -10.63	35.95 0.09 -33.63	37.02 -0.22 -42.94	35.02 0.47 -23.12	31.97 0.72 -14.63	29.03 1.03 -6.80	37.36 1.39 -10.04	31.87 1.39 -4.87	26.35 1.31 0.00	23.94 1.00 -1.99	39.93 0.91 -21.09	44.08 1.16 -20.56	40.11 1.34 -13.83	59.58 1.34 -34.08	61.96 0.69 -48.30	34.62 2.15 0.00	41.08 2.53 -2.65	42.35 2.85 0.00	41.12 2.72 0.00	39.94 2.64 0.00	43.19 2.67 0.00	39.92 2.41 0.00	36.56 2.14 0.00	28.65 1.64 0.00
V_F_30_SYNC_DSASP 323786	28.08 0.43 -10.44	35.31 0.07 -33.03	36.36 -0.11 -42.16	34.37 0.24 -22.70	31.40 0.41 -14.36	28.52 0.64 -6.68	36.59 0.80 -9.86	31.21 0.82 -4.79	25.84 0.79 0.00	23.56 0.64 -1.97	39.22 0.59 -20.71	43.27 0.72 -20.19	39.37 0.85 -13.58	58.44 0.82 -33.46	60.81 0.41 -47.43	33.99 1.52 0.00	40.18 1.68 -2.60	41.36 1.86 0.00	40.17 1.78 0.00	39.03 1.73 0.00	42.24 1.72 0.00	39.08 1.56 0.00	35.77 1.35 0.00	28.23 1.22 0.00
V_XM_10_SYNC_DSASP 323789	16.86 -0.66 -0.31	3.28 0.09 -0.97	-4.17 0.27 -1.24	11.57 -0.53 -0.67	16.18 -0.87 -0.42	19.53 -1.87 -0.20	23.45 -2.78 -0.30	23.50 -2.26 -0.15	22.55 -2.49 0.00	18.54 -2.47 -0.06	-2.37 -2.81 17.49	-15.22 -3.35 34.23	-20.98 -3.60 42.32	-22.68 -3.04 43.80	-23.67 -1.44 35.21	-21.52 -1.28 52.70	-21.09 -1.22 55.76	-21.07 -1.57 59.00	-21.09 -1.62 57.86	-21.06 -1.57 56.79	-21.11 -1.39 60.23	-21.00 -1.17 57.34	-12.25 -0.83 45.83	-12.59 -0.76 38.84
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	26.02 0.79 -8.01	27.65 0.10 -25.33	26.38 -0.26 -32.34	29.37 0.52 -17.41	28.51 0.87 -11.01	27.57 1.26 -5.12	35.14 1.65 -7.56	30.87 1.60 -3.67	26.52 1.47 0.00	21.46 1.20 0.70	34.98 1.18 -15.88	39.25 1.41 -15.49	36.93 1.57 -10.42	51.37 1.54 -25.67	50.13 0.78 -36.37	34.95 2.48 0.00	40.71 2.81 -2.00	42.66 3.17 0.00	41.50 3.11 0.00	40.36 3.06 0.00	43.50 2.99 0.00	40.35 2.83 0.00	36.83 2.41 0.00	28.79 1.77 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	26.30 0.79 -8.29	28.57 0.10 -26.25	27.57 -0.25 -33.51	29.97 0.49 -18.04	28.87 0.83 -11.41	27.72 1.22 -5.31	35.42 1.66 -7.84	31.09 1.69 -3.80	26.65 1.61 0.00	24.89 1.35 -2.59	35.72 1.33 -16.46	40.01 1.61 -16.05	37.51 1.78 -10.79	52.52 1.76 -26.60	51.57 0.90 -37.70	35.26 2.79 0.00	41.14 3.17 -2.07	43.02 3.53 0.00	41.79 3.39 0.00	40.63 3.33 0.00	43.72 3.20 0.00	40.56 3.05 0.00	37.05 2.63 0.00	28.98 1.97 0.00
W50THST__13_KV_LOAD 356117	26.43 0.92 -8.29	28.59 0.12 -26.25	27.53 -0.29 -33.51	30.04 0.56 -18.04	28.98 0.95 -11.41	27.88 1.37 -5.31	35.63 1.86 -7.84	31.32 1.92 -3.80	26.91 1.87 0.00	25.12 1.57 -2.59	35.92 1.53 -16.46	40.28 1.87 -16.05	37.82 2.08 -10.79	52.81 2.04 -26.60	51.72 1.05 -37.70	35.64 3.17 0.00	41.55 3.59 -2.07	43.47 3.98 0.00	42.21 3.82 0.00	41.02 3.72 0.00	44.11 3.60 0.00	40.93 3.42 0.00	37.38 2.96 0.00	29.23 2.22 0.00
WADING RIVER_IC_1 23522	27.00 1.48 -8.30	28.70 0.23 -26.26	27.35 -0.48 -33.52	30.34 0.85 -18.05	29.52 1.48 -11.42	29.41 2.28 -5.93	36.67 2.90 -7.84	32.15 2.75 -3.81	27.52 2.48 0.00	25.60 2.06 -2.58	36.53 2.01 -16.59	40.88 2.43 -16.09	53.28 2.83 -25.52	89.29 2.92 -62.21	74.20 1.51 -59.72	52.83 4.21 -16.15	70.52 4.86 -29.76	92.24 5.69 -47.05	212.48 5.55 -168.54	97.61 5.41 -54.91	67.20 5.52 -21.16	48.61 5.09 -6.01	53.59 4.49 -14.68	34.49 3.35 -4.14
WADING RIVER_IC_2 23547	27.00 1.48 -8.30	28.70 0.23 -26.26	27.35 -0.48 -33.52	30.34 0.85 -18.05	29.52 1.48 -11.42	29.41 2.28 -5.93	36.67 2.90 -7.84	32.15 2.75 -3.81	27.52 2.48 0.00	25.60 2.06 -2.58	36.53 2.01 -16.59	40.88 2.43 -16.09	53.28 2.83 -25.52	89.29 2.92 -62.21	74.20 1.51 -59.72	52.83 4.21 -16.15	70.52 4.86 -29.76	92.24 5.69 -47.05	212.48 5.55 -168.54	97.61 5.41 -54.91	67.20 5.52 -21.16	48.61 5.09 -6.01	53.59 4.49 -14.68	34.49 3.35 -4.14
WADING RIVER_IC_3 23601	27.00 1.48 -8.30	28.70 0.23 -26.26	27.35 -0.48 -33.52	30.34 0.85 -18.05	29.52 1.48 -11.42	29.41 2.28 -5.93	36.67 2.90 -7.84	32.15 2.75 -3.81	27.52 2.48 0.00	25.60 2.06 -2.58	36.53 2.01 -16.59	40.88 2.43 -16.09	53.28 2.83 -25.52	89.29 2.92 -62.21	74.20 1.51 -59.72	52.83 4.21 -16.15	70.52 4.86 -29.76	92.24 5.69 -47.05	212.48 5.55 -168.54	97.61 5.41 -54.91	67.20 5.52 -21.16	48.61 5.09 -6.01	53.59 4.49 -14.68	34.49 3.35 -4.14
WALDENNY_12_KV_BK2 80841	19.27 0.02 -2.04	8.61 -0.05 -6.44	2.53 -0.01 -8.23	15.81 -0.05 -4.43	19.36 -0.07 -2.80	22.28 -0.22 -1.30	27.53 -0.33 -1.93	25.97 -0.56 -0.93	24.78 -0.26 0.00	21.11 -0.17 -0.33	21.52 -0.41 -4.00	25.87 -0.40 -3.91	27.23 -0.34 -2.63	30.32 -0.32 -6.48	21.76 -0.35 -9.14	31.83 -0.64 0.00	34.96 -1.44 -0.50	37.82 -1.67 0.00	36.98 -1.41 0.00	35.93 -1.37 0.00	39.50 -1.02 0.00	36.49 -1.02 0.00	33.70 -0.72 0.00	26.80 -0.21 0.00
WALDEN___HYDRO 24148	26.14 0.84 -8.09	27.92 0.10 -25.59	26.70 -0.28 -32.67	29.59 0.56 -17.59	28.66 0.91 -11.13	27.65 1.28 -5.17	35.27 1.70 -7.64	30.99 1.68 -3.71	26.61 1.57 0.00	23.08 1.26 -0.87	35.11 1.14 -16.05	39.35 1.35 -15.64	36.98 1.52 -10.52	51.67 1.58 -25.93	50.51 0.79 -36.75	35.03 2.56 0.00	40.86 2.95 -2.02	42.88 3.39 0.00	41.74 3.34 0.00	40.58 3.28 0.00	43.75 3.23 0.00	40.53 3.02 0.00	36.99 2.57 0.00	28.92 1.91 0.00
WARRENSBURG____ 23737	28.24 0.37 -10.66	35.99 0.05 -33.73	37.27 -0.10 -43.06	34.84 0.23 -23.18	31.67 0.38 -14.67	28.64 0.62 -6.82	36.97 0.97 -10.07	31.50 1.02 -4.89	25.96 0.92 0.00	23.59 0.65 -1.99	39.71 0.63 -21.14	43.75 0.78 -20.62	39.74 0.93 -13.87	59.30 0.97 -34.17	61.89 0.49 -48.43	34.11 1.64 0.00	40.64 2.08 -2.66	41.90 2.40 0.00	40.66 2.27 0.00	39.44 2.14 0.00	42.56 2.05 0.00	39.33 1.82 0.00	36.07 1.65 0.00	28.22 1.21 0.00



WATERSIDE___6 8 9 23538	26.30 0.78 -8.30	28.57 0.10 -26.25	27.57 -0.25 -33.52	29.97 0.49 -18.04	28.87 0.83 -11.41	27.72 1.21 -5.31	35.44 1.67 -7.84	31.14 1.73 -3.80	26.70 1.66 0.00	24.94 1.40 -2.59	35.78 1.39 -16.46	40.05 1.64 -16.05	37.57 1.84 -10.79	52.55 1.79 -26.60	51.60 0.92 -37.70	35.34 2.87 0.00	41.19 3.22 -2.07	43.09 3.60 0.00	41.87 3.47 0.00	40.72 3.42 0.00	43.80 3.28 0.00	40.68 3.17 0.00	37.14 2.72 0.00	29.02 2.01 0.00
WATKINRD_115KV_LN8_ILLION 55919	17.48 0.02 -0.24	2.98 0.01 -0.76	-4.74 -0.01 -0.96	11.99 0.03 -0.52	17.00 0.05 -0.33	21.53 0.18 -0.15	26.50 0.36 -0.22	26.11 0.40 -0.11	25.32 0.28 0.00	21.09 0.09 -0.04	19.90 0.07 -1.90	25.58 0.14 -3.08	26.75 0.23 -1.58	27.57 0.29 -3.12	16.19 0.13 -3.09	34.39 0.68 -1.24	36.86 0.91 -0.05	40.63 1.14 0.00	39.57 1.17 0.00	38.42 1.12 0.00	41.58 1.06 0.00	38.39 0.88 0.00	35.09 0.67 0.00	27.54 0.53 0.00
WATSON___69_KV_BK 1 55734	27.02 1.51 -8.30	28.70 0.22 -26.26	27.35 -0.48 -33.52	30.36 0.88 -18.05	29.54 1.50 -11.42	29.41 2.30 -5.92	36.69 2.92 -7.84	32.23 2.82 -3.81	27.62 2.58 0.00	25.67 2.13 -2.58	36.64 2.07 -16.64	41.00 2.53 -16.12	53.83 2.87 -26.02	88.86 2.95 -61.75	73.96 1.52 -59.47	53.50 4.25 -16.78	71.44 4.84 -30.70	82.67 5.61 -37.56	153.35 5.49 -109.47	88.90 5.41 -46.18	67.03 5.63 -20.89	48.55 5.11 -5.93	53.53 4.52 -14.59	34.46 3.36 -4.08
WDELAWARE___HYD 323627	25.11 0.51 -7.39	25.66 0.06 -23.37	23.97 -0.18 -29.84	27.86 0.36 -16.07	27.40 0.62 -10.16	26.84 0.92 -4.73	34.18 1.27 -6.98	30.29 1.30 -3.39	26.22 1.18 0.00	22.82 0.97 -0.89	33.47 0.89 -14.66	37.70 1.05 -14.29	35.70 1.15 -9.61	49.09 1.23 -23.69	47.14 0.59 -33.57	33.52 1.05 0.00	39.19 1.45 -1.84	41.27 1.77 0.00	40.14 1.75 0.00	39.02 1.72 0.00	42.18 1.67 0.00	40.00 2.49 0.00	36.46 2.04 0.00	28.47 1.46 0.00
WEST BABYLON___IC 23714	26.93 1.41 -8.30	28.69 0.21 -26.26	27.37 -0.46 -33.52	30.31 0.83 -18.05	29.46 1.42 -11.42	29.27 2.17 -5.90	36.52 2.75 -7.84	32.08 2.67 -3.81	27.49 2.45 0.00	25.55 2.01 -2.58	36.64 1.97 -16.74	40.93 2.41 -16.16	54.69 2.73 -27.02	87.70 2.81 -60.73	73.27 1.42 -58.88	54.45 3.97 -18.01	73.03 4.53 -32.60	77.41 5.19 -32.72	112.08 5.05 -68.64	83.23 4.96 -40.97	65.95 5.16 -20.27	48.00 4.73 -5.75	53.03 4.23 -14.38	34.11 3.14 -3.96
WEST CANADA___HYD 24049	17.43 -0.03 -0.24	2.98 0.00 -0.76	-4.72 0.01 -0.96	11.93 -0.02 -0.52	16.92 -0.03 -0.33	21.33 -0.02 -0.15	26.16 0.01 -0.22	25.73 0.02 -0.11	25.04 0.00 0.00	20.96 -0.03 -0.04	19.79 -0.04 -1.90	25.40 -0.03 -3.08	26.48 -0.04 -1.58	27.25 -0.04 -3.12	16.03 -0.03 -3.09	33.86 0.14 -1.24	36.15 0.20 -0.05	39.77 0.27 0.00	38.67 0.27 0.00	37.56 0.26 0.00	40.74 0.23 0.00	37.70 0.19 0.00	34.59 0.17 0.00	27.16 0.15 0.00
WESTERN_NY_WIND 24143	19.30 0.20 -1.88	8.15 -0.03 -5.96	1.86 -0.06 -7.61	15.58 0.06 -4.10	19.29 0.07 -2.59	22.43 0.02 -1.21	27.74 0.03 -1.78	26.31 -0.15 -0.86	25.10 0.06 0.00	21.29 0.03 -0.30	21.45 -0.19 -3.71	25.85 -0.13 -3.62	27.38 0.01 -2.44	30.12 -0.05 -6.00	21.32 -0.14 -8.49	32.37 -0.10 0.00	35.73 -0.64 -0.47	38.77 -0.73 0.00	37.85 -0.54 0.00	36.75 -0.55 0.00	40.30 -0.22 0.00	37.09 -0.42 0.00	34.08 -0.34 0.00	27.07 0.06 0.00
WESTOVER___LESR 323668	20.70 0.25 -3.24	12.48 0.01 -10.25	7.30 -0.10 -13.09	18.70 0.21 -7.04	21.41 0.33 -4.46	23.63 0.36 -2.07	29.44 0.45 -3.06	27.49 0.40 -1.49	25.49 0.44 0.00	21.83 0.35 -0.53	24.72 0.30 -6.49	29.07 0.38 -6.33	29.60 0.40 -4.26	35.05 0.39 -10.50	28.00 0.16 -14.87	33.16 0.69 0.00	37.27 0.56 -0.82	40.15 0.65 0.00	39.13 0.73 0.00	37.98 0.68 0.00	41.27 0.75 0.00	38.23 0.71 0.00	35.05 0.63 0.00	27.55 0.53 0.00
WETHRSFD_WT_PWR 323626	19.01 -0.42 -2.22	9.13 -0.10 -7.02	3.37 0.10 -8.96	16.04 -0.22 -4.82	19.44 -0.24 -3.05	22.16 -0.46 -1.42	27.42 -0.61 -2.10	25.74 -0.88 -1.02	24.27 -0.78 0.00	20.54 -0.77 -0.36	21.42 -0.88 -4.37	25.60 -1.02 -4.26	26.72 -1.09 -2.87	30.21 -1.02 -7.07	22.26 -0.71 -9.99	30.95 -1.53 0.00	34.20 -2.24 -0.55	36.92 -2.58 0.00	36.14 -2.25 0.00	35.23 -2.07 0.00	39.03 -1.49 0.00	36.26 -1.25 0.00	33.57 -0.85 0.00	26.66 -0.35 0.00
WHAVSTOR_138KV_BK127 55557	25.95 0.72 -8.01	27.67 0.09 -25.36	26.44 -0.24 -32.37	29.34 0.48 -17.43	28.45 0.80 -11.03	27.49 1.16 -5.13	35.03 1.53 -7.57	30.74 1.46 -3.68	26.38 1.33 0.00	21.32 1.09 0.72	34.91 1.08 -15.90	39.14 1.28 -15.50	36.80 1.43 -10.43	51.26 1.40 -25.70	50.10 0.71 -36.42	34.76 2.29 0.00	40.49 2.59 -2.00	42.42 2.93 0.00	41.27 2.87 0.00	40.14 2.84 0.00	43.26 2.75 0.00	40.12 2.61 0.00	36.64 2.22 0.00	28.64 1.63 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	25.95 0.72 -8.01	27.67 0.09 -25.36	26.44 -0.24 -32.37	29.34 0.48 -17.43	28.45 0.80 -11.03	27.49 1.16 -5.13	35.03 1.53 -7.57	30.74 1.46 -3.68	26.38 1.33 0.00	21.32 1.09 0.72	34.91 1.08 -15.90	39.14 1.28 -15.50	36.80 1.43 -10.43	51.26 1.40 -25.70	50.10 0.71 -36.42	34.76 2.29 0.00	40.49 2.59 -2.00	42.42 2.93 0.00	41.27 2.87 0.00	40.14 2.84 0.00	43.26 2.75 0.00	40.12 2.61 0.00	36.64 2.22 0.00	28.64 1.63 0.00
WHITEHAL_115KV_TB1 80871	28.57 0.71 -10.64	35.99 0.09 -33.68	37.13 -0.18 -43.00	35.03 0.45 -23.15	31.98 0.71 -14.65	29.17 1.16 -6.81	37.75 1.77 -10.06	32.28 1.79 -4.88	26.71 1.67 0.00	24.18 1.24 -1.99	40.26 1.22 -21.12	44.33 1.38 -20.59	40.45 1.66 -13.85	60.07 1.79 -34.12	62.16 0.82 -48.37	35.27 2.80 0.00	42.18 3.62 -2.66	43.66 4.16 0.00	42.20 3.81 0.00	40.86 3.56 0.00	43.87 3.35 0.00	40.61 3.10 0.00	37.36 2.94 0.00	29.17 2.16 0.00
WHITEPLN_13_KV_LOAD 356215	26.41 0.91 -8.28	28.53 0.12 -26.20	27.47 -0.29 -33.45	30.01 0.57 -18.01	28.96 0.95 -11.39	27.87 1.38 -5.30	35.65 1.90 -7.82	31.32 1.92 -3.80	26.87 1.82 0.00	25.15 1.52 -2.68	35.81 1.46 -16.43	40.14 1.76 -16.02	37.70 1.98 -10.77	52.65 1.94 -26.55	51.59 0.99 -37.63	35.48 3.01 0.00	41.39 3.43 -2.07	43.38 3.88 0.00	42.17 3.78 0.00	40.98 3.68 0.00	44.13 3.61 0.00	40.92 3.41 0.00	37.32 2.90 0.00	29.16 2.14 0.00
WM_FLOYD_69_KV_BK2 356380	26.99 1.47 -8.30	28.70 0.22 -26.26	27.36 -0.47 -33.52	30.33 0.84 -18.05	29.50 1.46 -11.42	29.38 2.26 -5.93	36.64 2.87 -7.84	32.14 2.73 -3.81	27.50 2.46 0.00	25.58 2.04 -2.58	36.51 1.99 -16.59	40.86 2.41 -16.09	53.25 2.76 -25.55	89.21 2.87 -62.18	74.17 1.49 -59.71	52.83 4.17 -16.20	70.53 4.80 -29.83	91.21 5.63 -46.08	210.37 5.51 -166.46	97.29 5.36 -54.63	67.21 5.55 -21.14	48.55 5.03 -6.00	53.55 4.45 -14.68	34.46 3.32 -4.13
WOODARD___115KV_TB2 355635	18.63 -0.06 -1.47	6.85 -0.02 -4.65	0.26 0.01 -5.94	14.60 -0.03 -3.20	18.57 -0.08 -2.02	21.99 -0.15 -0.94	27.08 -0.25 -1.40	26.02 -0.26 -0.68	24.83 -0.21 0.00	21.04 -0.15 -0.24	20.69 -0.16 -2.92	25.03 -0.18 -2.85	26.64 -0.21 -1.92	28.17 -0.20 -4.20	19.14 -0.09 -6.27	32.32 -0.15 0.00	35.93 -0.33 -0.37	39.15 -0.34 0.00	38.09 -0.31 0.00	36.99 -0.31 0.00	40.14 -0.38 0.00	37.12 -0.39 0.00	34.01 -0.41 0.00	26.71 -0.30 0.00

