

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

11/25/2023

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	31.01	30.81	29.54	32.10	31.75	32.85	39.78	40.28	27.58	31.36	33.70	31.75	32.34	32.24	32.79	42.27	42.58	64.70	52.48	48.50	42.80	36.50	36.97	40.80
24138	1.26	1.38	1.30	1.34	1.30	1.45	1.38	1.32	1.27	1.66	1.84	1.67	1.70	1.01	1.46	0.92	0.60	1.58	2.56	1.52	1.54	1.52	1.64	1.08
	-4.35	-0.51	0.00	0.00	0.00	-0.67	-11.53	-13.18	-2.41	-0.06	0.00	0.00	-0.09	-12.55	-4.22	-23.26	-29.70	-34.15	-4.40	-19.61	-13.82	-6.41	-4.78	-17.93
74TH STREET_GT_1	31.00	30.81	29.53	32.10	31.75	32.85	39.78	40.28	27.57	31.36	33.69	31.76	32.34	32.24	32.80	42.23	42.59	64.71	52.49	48.51	42.81	36.51	36.97	40.82
24260	1.25	1.38	1.29	1.34	1.31	1.45	1.37	1.32	1.26	1.66	1.84	1.68	1.70	1.01	1.47	0.92	0.61	1.58	2.57	1.53	1.54	1.53	1.65	1.10
	-4.35	-0.51	0.00	0.00	0.00	-0.67	-11.53	-13.18	-2.41	-0.06	0.00	0.00	-0.09	-12.56	-4.22	-23.22	-29.70	-34.15	-4.40	-19.61	-13.83	-6.41	-4.78	-17.93
74TH STREET_GT_2	31.00	30.81	29.53	32.10	31.75	32.85	39.78	40.28	27.57	31.36	33.69	31.76	32.34	32.24	32.80	42.23	42.59	64.71	52.49	48.51	42.81	36.51	36.97	40.82
24261	1.25	1.38	1.29	1.34	1.31	1.45	1.37	1.32	1.26	1.66	1.84	1.68	1.70	1.01	1.47	0.92	0.61	1.58	2.57	1.53	1.54	1.53	1.65	1.10
	-4.35	-0.51	0.00	0.00	0.00	-0.67	-11.53	-13.18	-2.41	-0.06	0.00	0.00	-0.09	-12.56	-4.22	-23.22	-29.70	-34.15	-4.40	-19.61	-13.83	-6.41	-4.78	-17.93
ADK HUDSON___FALLS	32.64	31.61	30.04	32.93	32.63	33.85	43.22	44.18	28.61	31.69	33.81	31.93	32.56	35.45	33.76	38.22	49.78	72.84	53.18	53.00	45.89	37.78	37.92	45.51
24011	1.83	2.07	1.81	2.17	2.18	2.30	2.04	2.04	1.72	1.97	1.95	1.85	1.89	1.18	1.41	0.86	0.60	1.45	2.20	1.30	1.30	1.25	1.43	1.47
	-5.39	-0.62	0.00	0.00	0.00	-0.83	-14.31	-16.36	-2.99	-0.07	0.00	0.00	-0.11	-15.60	-5.25	-19.27	-36.90	-42.41	-5.45	-24.34	-17.16	-7.95	-5.93	-22.25
ADK RESOURCE___RCVRY	32.83	31.79	30.19	33.13	32.85	34.10	43.43	44.41	28.75	31.86	34.01	32.12	32.78	35.62	34.00	38.38	49.92	73.12	53.55	53.23	46.11	37.98	38.13	45.64
23798	2.03	2.24	1.95	2.37	2.40	2.54	2.24	2.26	1.86	2.14	2.16	2.04	2.12	1.34	1.64	1.02	0.72	1.70	2.57	1.51	1.51	1.45	1.65	1.57
	-5.40	-0.62	0.00	0.00	0.00	-0.83	-14.32	-16.37	-2.99	-0.07	0.00	0.00	-0.11	-15.61	-5.25	-19.28	-36.92	-42.44	-5.46	-24.35	-17.17	-7.96	-5.94	-22.27
ADK S GLENS___FALLS	32.64	31.61	30.04	32.93	32.63	33.85	43.22	44.18	28.61	31.69	33.81	31.93	32.56	35.45	33.76	38.22	49.78	72.84	53.18	53.00	45.89	37.78	37.92	45.51
24028	1.83	2.07	1.81	2.17	2.18	2.30	2.04	2.04	1.72	1.97	1.95	1.85	1.89	1.18	1.41	0.86	0.60	1.45	2.20	1.30	1.30	1.25	1.43	1.47
	-5.39	-0.62	0.00	0.00	0.00	-0.83	-14.31	-16.36	-2.99	-0.07	0.00	0.00	-0.11	-15.60	-5.25	-19.27	-36.90	-42.41	-5.45	-24.34	-17.16	-7.95	-5.93	-22.25
ADK_NYS___DAM	31.94	31.04	29.66	32.23	31.98	33.15	42.17	43.04	28.00	31.26	33.46	31.59	32.31	34.81	33.70	38.06	48.59	71.51	53.27	52.35	45.47	37.79	37.94	44.58
23527	1.31	1.52	1.41	1.48	1.53	1.62	1.45	1.44	1.21	1.54	1.61	1.51	1.65	1.05	1.52	1.01	0.63	1.52	2.47	1.44	1.43	1.53	1.66	1.25
	-5.22	-0.60	0.00	0.00	0.00	-0.80	-13.85	-15.83	-2.89	-0.07	0.00	0.00	-0.10	-15.08	-5.08	-18.96	-35.68	-41.02	-5.28	-23.55	-16.60	-7.69	-5.74	-21.53
AIR_PRODUCTS___DRP	31.04	30.03	28.71	31.09	30.83	31.94	41.09	41.97	27.21	30.19	32.19	30.56	31.12	34.08	32.62	37.15	48.24	70.52	51.46	51.40	44.51	36.74	36.76	43.71
24190	0.39	0.50	0.47	0.34	0.39	0.41	0.32	0.30	0.41	0.47	0.34	0.48	0.46	0.27	0.42	0.25	0.16	0.37	0.64	0.38	0.40	0.44	0.45	0.30
	-5.24	-0.61	0.00	0.00	0.00	-0.80	-13.91	-15.90	-2.91	-0.07	0.00	0.00	-0.11	-15.13	-5.09	-18.82	-35.81	-41.17	-5.30	-23.65	-16.67	-7.73	-5.76	-21.62
AKWESSNE_115KV_BK	24.87	27.94	27.40	30.40	29.98	29.79	26.47	25.44	22.73	28.19	30.51	28.47	29.28	18.30	26.22	17.95	13.04	28.74	42.75	26.85	27.09	27.81	29.73	21.92
355683	-0.72	-1.01	-0.85	-0.36	-0.46	-0.96	-0.87	-0.87	-1.27	-1.46	-1.34	-1.61	-1.28	-0.89	-1.05	-0.71	-0.46	-1.64	-2.95	-1.32	-0.92	-1.02	-1.01	-0.61
	-0.18	-0.02	0.00	0.00	0.00	-0.03	-0.48	-0.54	-0.10	0.00	0.00	0.00	0.00	-0.52	-0.17	-0.57	-1.22	-1.40	-0.18	-0.80	-0.57	-0.26	-0.20	-0.74
ALBANY___1	31.04	30.03	28.71	31.09	30.83	31.94	41.09	41.97	27.21	30.19	32.19	30.56	31.12	34.08	32.62	37.15	48.24	70.52	51.46	51.40	44.51	36.74	36.76	43.71
23571	0.39	0.50	0.47	0.34	0.39	0.41	0.32	0.30	0.41	0.47	0.34	0.48	0.46	0.27	0.42	0.25	0.16	0.37	0.64	0.38	0.40	0.44	0.45	0.30
	-5.24	-0.61	0.00	0.00	0.00	-0.80	-13.91	-15.90	-2.91	-0.07	0.00	0.00	-0.11	-15.13	-5.09	-18.82	-35.81	-41.17	-5.30	-23.65	-16.67	-7.73	-5.76	-21.62
ALBANY___2	31.04	30.03	28.71	31.09	30.83	31.94	41.09	41.97	27.21	30.19	32.19	30.56	31.12	34.08	32.62	37.15	48.24	70.52	51.46	51.40	44.51	36.74	36.76	43.71
23572	0.39	0.50	0.47	0.34	0.39	0.41	0.32	0.30	0.41	0.47	0.34	0.48	0.46	0.27	0.42	0.25	0.16	0.37	0.64	0.38	0.40	0.44	0.45	0.30
	-5.24	-0.61	0.00	0.00	0.00	-0.80	-13.91	-15.90	-2.91	-0.07	0.00	0.00	-0.11	-15.13	-5.09	-18.82	-35.81	-41.17	-5.30	-23.65	-16.67	-7.73	-5.76	-21.62
ALBANY___3	31.04	30.03	28.71	31.09	30.83	31.94	41.09	41.97	27.21	30.19	32.19	30.56	31.12	34.08	32.62	37.15	48.24	70.52	51.46	51.40	44.51	36.74	36.76	43.71
23573	0.39	0.50	0.47	0.34	0.39	0.41	0.32	0.30	0.41	0.47	0.34	0.48	0.46	0.27	0.42	0.25	0.16	0.37	0.64	0.38	0.40	0.44	0.45	0.30
	-5.24	-0.61	0.00	0.00	0.00	-0.80	-13.91	-15.90	-2.91	-0.07	0.00	0.00	-0.11	-15.13	-5.09	-18.82	-35.81	-41.17	-5.30	-23.65	-16.67	-7.73	-5.76	-21.62

ALBANY___4 23574	31.04 0.39 -5.24	30.03 0.50 -0.61	28.71 0.47 0.00	31.09 0.34 0.00	30.83 0.39 0.00	31.94 0.41 -0.80	41.09 0.32 -13.91	41.97 0.30 -15.90	27.21 0.41 -2.91	30.19 0.47 -0.07	32.19 0.34 0.00	30.56 0.48 0.00	31.12 0.46 -0.11	34.08 0.27 -15.13	32.62 0.42 -5.09	37.15 0.25 -18.82	48.24 0.16 -35.81	70.52 0.37 -41.17	51.46 0.64 -5.30	51.40 0.38 -23.65	44.51 0.40 -16.67	36.74 0.44 -7.73	36.76 0.45 -5.76	43.71 0.30 -21.62
ALBANY___LFGE 323615	31.34 0.65 -5.28	30.30 0.77 -0.61	28.97 0.73 0.00	31.40 0.65 0.00	31.13 0.69 0.00	32.26 0.72 -0.81	41.50 0.61 -14.02	42.39 0.58 -16.03	27.47 0.63 -2.93	30.48 0.75 -0.07	32.53 0.67 0.00	30.85 0.77 0.00	31.44 0.77 -0.11	34.42 0.48 -15.27	32.96 0.71 -5.14	37.50 0.45 -18.96	48.70 0.30 -36.12	71.21 0.70 -41.53	52.01 1.14 -5.34	51.90 0.69 -23.84	44.94 0.69 -16.81	37.10 0.74 -7.79	37.13 0.77 -5.81	44.13 0.53 -21.80
ALCOA_PA_115KV_PL-6C 55860	25.03 -0.56 -0.19	28.11 -0.83 -0.02	27.57 -0.67 0.00	30.59 -0.17 0.00	30.17 -0.28 0.00	29.99 -0.77 -0.03	26.66 -0.71 -0.50	25.63 -0.72 -0.57	22.88 -1.13 -0.10	28.46 -1.19 0.00	30.77 -1.08 0.00	28.77 -1.31 0.00	29.58 -0.98 0.00	18.50 -0.72 -0.55	26.46 -0.82 -0.18	18.12 -0.57 -0.61	13.20 -0.36 -1.29	29.06 -1.40 -1.48	43.15 -2.57 -0.19	27.12 -1.10 -0.85	27.35 -0.69 -0.60	28.09 -0.76 -0.28	30.02 -0.74 -0.21	22.15 -0.42 -0.77
ALCOA_RYNLDS___DRP 24188	25.03 -0.56 -0.19	28.11 -0.83 -0.02	27.57 -0.67 0.00	30.59 -0.17 0.00	30.17 -0.28 0.00	29.99 -0.77 -0.03	26.66 -0.71 -0.50	25.63 -0.72 -0.57	22.88 -1.13 -0.10	28.46 -1.19 0.00	30.77 -1.08 0.00	28.77 -1.31 0.00	29.58 -0.98 0.00	18.50 -0.72 -0.55	26.46 -0.82 -0.18	18.12 -0.57 -0.61	13.20 -0.36 -1.29	29.06 -1.40 -1.48	43.15 -2.57 -0.19	27.12 -1.10 -0.85	27.35 -0.69 -0.60	28.09 -0.76 -0.28	30.02 -0.74 -0.21	22.15 -0.42 -0.77
ALCOA___DSASP 323711	25.03 -0.56 -0.19	28.11 -0.83 -0.02	27.57 -0.67 0.00	30.59 -0.17 0.00	30.17 -0.28 0.00	29.98 -0.77 -0.03	26.66 -0.71 -0.50	25.63 -0.72 -0.57	22.88 -1.13 -0.10	28.46 -1.19 0.00	30.78 -1.08 0.00	28.77 -1.31 0.00	29.58 -0.98 0.00	18.50 -0.71 -0.55	26.46 -0.82 -0.18	18.12 -0.57 -0.61	13.20 -0.36 -1.29	29.06 -1.40 -1.48	43.14 -2.57 -0.19	27.12 -1.10 -0.85	27.34 -0.69 -0.60	28.09 -0.76 -0.28	30.03 -0.72 -0.21	22.15 -0.42 -0.77
ALLEGHENY___COGEN 23514	27.41 0.78 -1.23	30.01 0.95 -0.14	29.25 1.01 0.00	31.96 1.21 0.00	31.62 1.18 0.00	32.11 1.20 -0.19	31.17 1.05 -3.25	30.42 0.93 -3.71	25.31 0.73 -0.68	30.15 0.48 -0.02	32.08 0.23 0.00	30.27 0.19 0.00	30.79 0.20 -0.03	22.21 0.00 -3.54	28.37 0.07 -1.19	22.10 0.07 -3.95	20.99 0.35 -8.37	39.77 1.17 -9.62	48.83 2.07 -1.24	33.94 1.05 -5.53	32.27 0.94 -3.89	31.14 0.76 -1.81	32.60 0.71 -1.35	27.33 0.48 -5.05
ALTAMONT_115KV_TB 2 55880	31.32 0.67 -5.24	30.31 0.78 -0.61	28.98 0.74 0.00	31.47 0.72 0.00	31.19 0.75 0.00	32.33 0.80 -0.80	41.48 0.70 -13.91	42.35 0.67 -15.90	27.45 0.64 -2.91	30.49 0.78 -0.07	32.63 0.77 0.00	30.84 0.76 0.00	31.80 1.13 -0.11	34.93 0.78 -15.47	33.44 1.13 -5.21	37.96 0.77 -19.10	49.42 0.53 -36.60	71.84 0.97 -41.88	52.03 1.21 -5.30	51.76 0.74 -23.65	44.84 0.73 -16.67	37.06 0.76 -7.73	37.13 0.82 -5.76	44.01 0.59 -21.63
ALTONA_WT_PWR 323606	25.03 -0.56 -0.18	28.28 -0.66 -0.02	27.77 -0.47 0.00	30.92 0.16 0.00	30.59 0.15 0.00	30.21 -0.55 -0.03	26.87 -0.47 -0.47	25.85 -0.47 -0.54	23.04 -0.96 -0.10	28.31 -1.35 0.00	30.56 -1.29 0.00	28.32 -1.77 0.00	29.09 -1.47 0.00	18.12 -1.07 -0.51	26.04 -1.23 -0.17	18.07 -0.60 -0.57	13.21 -0.28 -1.21	29.12 -1.26 -1.39	43.19 -2.51 -0.18	27.13 -1.04 -0.80	27.31 -0.69 -0.56	28.08 -0.75 -0.26	29.98 -0.76 -0.19	22.12 -0.41 -0.73
AMERICAN_REF_FUEL 24010	25.53 -1.01 -1.13	28.10 -0.95 -0.13	27.40 -0.85 0.00	29.96 -0.79 0.00	29.59 -0.86 0.00	29.88 -1.03 -0.17	28.61 -1.27 -3.01	27.74 -1.48 -3.44	23.07 -1.46 -0.63	28.13 -1.53 -0.02	30.34 -1.51 0.00	28.58 -1.50 0.00	29.15 -1.43 -0.02	20.90 -1.05 -3.28	26.70 -1.51 -1.10	20.66 -1.09 -3.66	19.31 -0.72 -7.75	36.13 -1.76 -8.91	44.22 -2.45 -1.15	30.88 -1.61 -5.12	29.53 -1.51 -3.61	28.58 -1.66 -1.67	29.93 -1.86 -1.25	25.21 -1.27 -4.68
ARKWRIGHT___SUMMIT_WT_PWR 323751	26.53 -0.09 -1.21	29.07 0.01 -0.14	28.37 0.13 0.00	31.11 0.35 0.00	30.72 0.28 0.00	31.15 0.23 -0.19	30.23 0.14 -3.22	29.46 0.00 -3.68	24.49 -0.08 -0.67	29.79 0.13 -0.02	32.07 0.22 0.00	30.24 0.15 0.00	30.67 0.08 -0.02	22.07 -0.10 -3.51	28.18 -0.10 -1.18	21.90 -0.10 -3.91	20.52 -0.04 -8.29	38.48 -0.03 -9.53	46.73 -0.02 -1.23	32.55 -0.30 -5.47	30.92 -0.37 -3.86	29.77 -0.59 -1.79	31.12 -0.76 -1.33	26.15 -0.65 -5.00
ARTHUR_KILL_GT_1 23520	30.99 1.24 -4.35	30.82 1.39 -0.51	29.55 1.31 0.00	32.12 1.37 0.00	31.75 1.31 0.00	32.85 1.46 -0.67	39.80 1.40 -11.53	40.31 1.35 -13.18	27.60 1.29 -2.41	31.36 1.65 -0.06	33.63 1.77 0.00	31.66 1.58 0.00	32.26 1.61 -0.09	32.18 0.95 -12.56	32.60 1.27 -4.22	42.09 0.79 -23.22	42.49 0.51 -29.70	64.56 1.43 -34.15	52.32 2.40 -4.40	48.43 1.45 -19.61	42.73 1.47 -13.83	36.45 1.47 -6.41	36.90 1.57 -4.78	40.78 1.06 -17.93
ARTHUR_KILL_2 23512	30.91 1.16 -4.35	30.73 1.30 -0.51	29.46 1.22 0.00	32.03 1.27 0.00	31.66 1.21 0.00	32.76 1.36 -0.67	39.72 1.31 -11.53	40.23 1.27 -13.18	27.52 1.21 -2.41	31.27 1.57 -0.06	33.54 1.69 0.00	31.57 1.49 0.00	32.16 1.52 -0.09	32.13 0.90 -12.56	32.52 1.19 -4.22	42.04 0.73 -23.22	42.45 0.47 -29.70	64.45 1.33 -34.15	52.14 2.23 -4.40	48.32 1.34 -19.61	42.63 1.37 -13.83	36.36 1.38 -6.41	36.80 1.47 -4.78	40.71 0.99 -17.93
ARTHUR_KILL_3 23513	30.68 0.93 -4.35	30.46 1.03 -0.51	29.19 0.95 0.00	31.73 0.97 0.00	31.38 0.93 0.00	32.48 1.08 -0.67	39.45 1.05 -11.53	39.98 1.02 -13.18	27.29 0.98 -2.41	31.00 1.29 -0.06	33.27 1.42 0.00	31.34 1.26 0.00	31.92 1.27 -0.09	31.99 0.76 -12.56	32.44 1.11 -4.22	42.01 0.68 -23.24	42.41 0.44 -29.70	64.33 1.20 -34.15	51.89 1.97 -4.40	48.14 1.16 -19.61	42.44 1.18 -13.82	36.14 1.16 -6.41	36.58 1.26 -4.78	40.54 0.82 -17.93
ARTHUR_KILL_COGEN 323718	30.99 1.24 -4.35	30.82 1.39 -0.51	29.55 1.31 0.00	32.12 1.37 0.00	31.75 1.31 0.00	32.85 1.46 -0.67	39.80 1.40 -11.53	40.31 1.35 -13.18	27.60 1.29 -2.41	31.36 1.65 -0.06	33.63 1.77 0.00	31.66 1.58 0.00	32.26 1.61 -0.09	32.18 0.95 -12.56	32.60 1.27 -4.22	42.09 0.79 -23.22	42.49 0.51 -29.70	64.56 1.43 -34.15	52.32 2.40 -4.40	48.43 1.45 -19.61	42.73 1.47 -13.83	36.45 1.47 -6.41	36.90 1.57 -4.78	40.78 1.06 -17.93
ASHOKAN____ 23654	31.86 1.66 -4.79	31.37 1.90 -0.56	30.01 1.77 0.00	32.58 1.82 0.00	32.31 1.87 0.00	33.48 2.02 -0.74	41.39 1.80 -12.72	42.09 1.78 -14.54	28.19 1.63 -2.66	31.53 1.82 -0.06	33.56 1.70 0.00	31.73 1.65 0.00	32.37 1.72 -0.10	33.52 1.01 -13.84	33.31 1.55 -4.66	34.69 1.15 -15.45	45.89 0.87 -32.75	68.84 2.21 -37.65	53.90 3.54 -4.85	51.11 2.12 -21.62	44.74 2.06 -15.24	37.72 2.09 -7.06	37.98 2.16 -5.27	43.03 1.47 -19.77

ASTORIA_EAST_ENERGY_CC1 323581	30.70 0.94 -4.34	30.48 1.06 -0.50	29.24 1.01 0.01	31.81 1.06 0.01	31.41 0.97 0.01	32.47 1.09 -0.66	39.42 1.02 -11.53	39.95 0.98 -13.18	27.26 0.94 -2.41	30.97 1.26 -0.06	33.30 1.44 0.00	31.33 1.25 0.00	31.93 1.28 -0.09	31.99 0.76 -12.56	32.45 1.12 -4.22	41.98 0.68 -23.22	42.42 0.44 -29.70	64.31 1.19 -34.14	51.86 1.95 -4.39	48.17 1.19 -19.61	42.48 1.22 -13.82	36.17 1.19 -6.41	36.57 1.24 -4.78	40.60 0.87 -17.93
ASTORIA_EAST_ENERGY_CC2 323582	30.70 0.94 -4.34	30.48 1.06 -0.50	29.24 1.01 0.01	31.81 1.06 0.01	31.41 0.97 0.01	32.47 1.09 -0.66	39.42 1.02 -11.53	39.95 0.98 -13.18	27.26 0.94 -2.41	30.97 1.26 -0.06	33.30 1.44 0.00	31.33 1.25 0.00	31.93 1.28 -0.09	31.99 0.76 -12.56	32.45 1.12 -4.22	41.98 0.68 -23.22	42.42 0.44 -29.70	64.31 1.19 -34.14	51.86 1.95 -4.39	48.17 1.19 -19.61	42.48 1.22 -13.82	36.17 1.19 -6.41	36.57 1.24 -4.78	40.60 0.87 -17.93
ASTORIA_GT2_1 24094	30.72 0.96 -4.35	30.50 1.08 -0.51	29.27 1.03 0.00	31.83 1.08 0.00	31.43 0.99 0.00	32.51 1.11 -0.67	39.44 1.04 -11.53	39.96 1.00 -13.18	27.27 0.96 -2.41	30.99 1.28 -0.06	33.31 1.46 0.00	31.34 1.26 0.00	31.94 1.29 -0.09	31.99 0.76 -12.56	32.47 1.14 -4.22	42.00 0.69 -23.22	42.43 0.45 -29.70	64.34 1.21 -34.15	51.90 1.98 -4.40	48.19 1.20 -19.61	42.49 1.23 -13.83	36.18 1.21 -6.41	36.58 1.26 -4.78	40.61 0.89 -17.93
ASTORIA_GT2_2 24095	30.72 0.96 -4.35	30.50 1.08 -0.51	29.27 1.03 0.00	31.83 1.08 0.00	31.43 0.99 0.00	32.51 1.11 -0.67	39.44 1.04 -11.53	39.96 1.00 -13.18	27.27 0.96 -2.41	30.99 1.28 -0.06	33.31 1.46 0.00	31.34 1.26 0.00	31.94 1.29 -0.09	31.99 0.76 -12.56	32.47 1.14 -4.22	42.00 0.69 -23.22	42.43 0.45 -29.70	64.34 1.21 -34.15	51.90 1.98 -4.40	48.19 1.20 -19.61	42.49 1.23 -13.83	36.18 1.21 -6.41	36.58 1.26 -4.78	40.61 0.89 -17.93
ASTORIA_GT2_3 24096	30.72 0.96 -4.35	30.50 1.08 -0.51	29.27 1.03 0.00	31.83 1.08 0.00	31.43 0.99 0.00	32.51 1.11 -0.67	39.44 1.04 -11.53	39.96 1.00 -13.18	27.27 0.96 -2.41	30.99 1.28 -0.06	33.31 1.46 0.00	31.34 1.26 0.00	31.94 1.29 -0.09	31.99 0.76 -12.56	32.47 1.14 -4.22	42.00 0.69 -23.22	42.43 0.45 -29.70	64.34 1.21 -34.15	51.90 1.98 -4.40	48.19 1.20 -19.61	42.49 1.23 -13.83	36.18 1.21 -6.41	36.58 1.26 -4.78	40.61 0.89 -17.93
ASTORIA_GT2_4 24097	30.72 0.96 -4.35	30.50 1.08 -0.51	29.27 1.03 0.00	31.83 1.08 0.00	31.43 0.99 0.00	32.51 1.11 -0.67	39.44 1.04 -11.53	39.96 1.00 -13.18	27.27 0.96 -2.41	30.99 1.28 -0.06	33.31 1.46 0.00	31.34 1.26 0.00	31.94 1.29 -0.09	31.99 0.76 -12.56	32.47 1.14 -4.22	42.00 0.69 -23.22	42.43 0.45 -29.70	64.34 1.21 -34.15	51.90 1.98 -4.40	48.19 1.20 -19.61	42.49 1.23 -13.83	36.18 1.21 -6.41	36.58 1.26 -4.78	40.61 0.89 -17.93
ASTORIA_GT3_1 24098	30.72 0.96 -4.35	30.50 1.08 -0.51	29.27 1.03 0.00	31.83 1.08 0.00	31.43 0.99 0.00	32.51 1.11 -0.67	39.44 1.04 -11.53	39.96 1.00 -13.18	27.27 0.96 -2.41	30.99 1.28 -0.06	33.31 1.46 0.00	31.34 1.26 0.00	31.94 1.29 -0.09	31.99 0.76 -12.56	32.47 1.14 -4.22	42.00 0.69 -23.22	42.43 0.45 -29.70	64.34 1.21 -34.15	51.90 1.98 -4.40	48.19 1.20 -19.61	42.49 1.23 -13.83	36.18 1.21 -6.41	36.58 1.26 -4.78	40.61 0.89 -17.93
ASTORIA_GT3_2 24099	30.72 0.96 -4.35	30.50 1.08 -0.51	29.27 1.03 0.00	31.83 1.08 0.00	31.43 0.99 0.00	32.51 1.11 -0.67	39.44 1.04 -11.53	39.96 1.00 -13.18	27.27 0.96 -2.41	30.99 1.28 -0.06	33.31 1.46 0.00	31.34 1.26 0.00	31.94 1.29 -0.09	31.99 0.76 -12.56	32.47 1.14 -4.22	42.00 0.69 -23.22	42.43 0.45 -29.70	64.34 1.21 -34.15	51.90 1.98 -4.40	48.19 1.20 -19.61	42.49 1.23 -13.83	36.18 1.21 -6.41	36.58 1.26 -4.78	40.61 0.89 -17.93
ASTORIA_GT3_3 24100	30.72 0.96 -4.35	30.50 1.08 -0.51	29.27 1.03 0.00	31.83 1.08 0.00	31.43 0.99 0.00	32.51 1.11 -0.67	39.44 1.04 -11.53	39.96 1.00 -13.18	27.27 0.96 -2.41	30.99 1.28 -0.06	33.31 1.46 0.00	31.34 1.26 0.00	31.94 1.29 -0.09	31.99 0.76 -12.56	32.47 1.14 -4.22	42.00 0.69 -23.22	42.43 0.45 -29.70	64.34 1.21 -34.15	51.90 1.98 -4.40	48.19 1.20 -19.61	42.49 1.23 -13.83	36.18 1.21 -6.41	36.58 1.26 -4.78	40.61 0.89 -17.93
ASTORIA_GT3_4 24101	30.72 0.96 -4.35	30.50 1.08 -0.51	29.27 1.03 0.00	31.83 1.08 0.00	31.43 0.99 0.00	32.51 1.11 -0.67	39.44 1.04 -11.53	39.96 1.00 -13.18	27.27 0.96 -2.41	30.99 1.28 -0.06	33.31 1.46 0.00	31.34 1.26 0.00	31.94 1.29 -0.09	31.99 0.76 -12.56	32.47 1.14 -4.22	42.00 0.69 -23.22	42.43 0.45 -29.70	64.34 1.21 -34.15	51.90 1.98 -4.40	48.19 1.20 -19.61	42.49 1.23 -13.83	36.18 1.21 -6.41	36.58 1.26 -4.78	40.61 0.89 -17.93
ASTORIA_GT4_1 24102	30.72 0.96 -4.35	30.50 1.08 -0.51	29.27 1.03 0.00	31.83 1.08 0.00	31.43 0.99 0.00	32.51 1.11 -0.67	39.44 1.04 -11.53	39.96 1.00 -13.18	27.27 0.96 -2.41	30.99 1.28 -0.06	33.31 1.46 0.00	31.34 1.26 0.00	31.94 1.29 -0.09	31.99 0.76 -12.56	32.47 1.14 -4.22	42.00 0.69 -23.22	42.43 0.45 -29.70	64.34 1.21 -34.15	51.90 1.98 -4.40	48.19 1.20 -19.61	42.49 1.23 -13.83	36.18 1.21 -6.41	36.58 1.26 -4.78	40.61 0.89 -17.93
ASTORIA_GT4_2 24103	30.72 0.96 -4.35	30.50 1.08 -0.51	29.27 1.03 0.00	31.83 1.08 0.00	31.43 0.99 0.00	32.51 1.11 -0.67	39.44 1.04 -11.53	39.96 1.00 -13.18	27.27 0.96 -2.41	30.99 1.28 -0.06	33.31 1.46 0.00	31.34 1.26 0.00	31.94 1.29 -0.09	31.99 0.76 -12.56	32.47 1.14 -4.22	42.00 0.69 -23.22	42.43 0.45 -29.70	64.34 1.21 -34.15	51.90 1.98 -4.40	48.19 1.20 -19.61	42.49 1.23 -13.83	36.18 1.21 -6.41	36.58 1.26 -4.78	40.61 0.89 -17.93
ASTORIA_GT4_3 24104	30.72 0.96 -4.35	30.50 1.08 -0.51	29.27 1.03 0.00	31.83 1.08 0.00	31.43 0.99 0.00	32.51 1.11 -0.67	39.44 1.04 -11.53	39.96 1.00 -13.18	27.27 0.96 -2.41	30.99 1.28 -0.06	33.31 1.46 0.00	31.34 1.26 0.00	31.94 1.29 -0.09	31.99 0.76 -12.56	32.47 1.14 -4.22	42.00 0.69 -23.22	42.43 0.45 -29.70	64.34 1.21 -34.15	51.90 1.98 -4.40	48.19 1.20 -19.61	42.49 1.23 -13.83	36.18 1.21 -6.41	36.58 1.26 -4.78	40.61 0.89 -17.93
ASTORIA_GT4_4 24105	30.72 0.96 -4.35	30.50 1.08 -0.51	29.27 1.03 0.00	31.83 1.08 0.00	31.43 0.99 0.00	32.51 1.11 -0.67	39.44 1.04 -11.53	39.96 1.00 -13.18	27.27 0.96 -2.41	30.99 1.28 -0.06	33.31 1.46 0.00	31.34 1.26 0.00	31.94 1.29 -0.09	31.99 0.76 -12.56	32.47 1.14 -4.22	42.00 0.69 -23.22	42.43 0.45 -29.70	64.34 1.21 -34.15	51.90 1.98 -4.40	48.19 1.20 -19.61	42.49 1.23 -13.83	36.18 1.21 -6.41	36.58 1.26 -4.78	40.61 0.89 -17.93
ASTORIA_GT_1 23523	30.76 1.01 -4.34	30.55 1.13 -0.50	29.31 1.07 0.01	31.88 1.13 0.01	31.48 1.04 0.01	32.55 1.16 -0.66	39.49 1.10 -11.53	40.01 1.05 -13.18	27.32 1.01 -2.41	31.05 1.35 -0.06	33.38 1.53 0.00	31.40 1.32 0.00	32.00 1.36 -0.09	32.03 0.80 -12.56	32.52 1.19 -4.22	42.03 0.73 -23.22	42.44 0.47 -29.70	64.39 1.27 -34.14	51.99 2.08 -4.39	48.24 1.26 -19.61	42.55 1.29 -13.82	36.24 1.27 -6.41	36.65 1.32 -4.78	40.66 0.93 -17.93

ASTORIA_GT_10 24110	30.86 1.11 -4.35	30.66 1.23 -0.51	29.40 1.16 0.00	31.97 1.21 0.00	31.59 1.15 0.00	32.67 1.27 -0.67	39.61 1.21 -11.53	40.10 1.14 -13.18	27.41 1.10 -2.41	31.15 1.45 -0.06	33.46 1.61 0.00	31.52 1.44 0.00	32.11 1.47 -0.09	32.10 0.87 -12.56	32.59 1.27 -4.22	42.09 0.79 -23.22	42.49 0.51 -29.70	64.50 1.37 -34.15	52.15 2.24 -4.40	48.32 1.34 -19.61	42.61 1.35 -13.83	36.31 1.33 -6.41	36.75 1.42 -4.78	40.67 0.94 -17.93
ASTORIA_GT_11 24225	30.86 1.11 -4.35	30.66 1.23 -0.51	29.40 1.16 0.00	31.97 1.21 0.00	31.59 1.15 0.00	32.67 1.27 -0.67	39.61 1.21 -11.53	40.10 1.14 -13.18	27.41 1.10 -2.41	31.15 1.45 -0.06	33.46 1.61 0.00	31.52 1.44 0.00	32.11 1.47 -0.09	32.10 0.87 -12.56	32.59 1.27 -4.22	42.09 0.79 -23.22	42.49 0.51 -29.70	64.50 1.37 -34.15	52.15 2.24 -4.40	48.32 1.34 -19.61	42.61 1.35 -13.83	36.31 1.33 -6.41	36.75 1.42 -4.78	40.67 0.94 -17.93
ASTORIA_GT_12 24226	30.86 1.11 -4.35	30.66 1.23 -0.51	29.40 1.16 0.00	31.97 1.21 0.00	31.59 1.15 0.00	32.67 1.27 -0.67	39.61 1.21 -11.53	40.10 1.14 -13.18	27.41 1.10 -2.41	31.15 1.45 -0.06	33.46 1.61 0.00	31.52 1.44 0.00	32.11 1.47 -0.09	32.10 0.87 -12.56	32.59 1.27 -4.22	42.09 0.79 -23.22	42.49 0.51 -29.70	64.50 1.37 -34.15	52.15 2.24 -4.40	48.32 1.34 -19.61	42.61 1.35 -13.83	36.31 1.33 -6.41	36.75 1.42 -4.78	40.67 0.94 -17.93
ASTORIA_GT_13 24227	30.86 1.11 -4.35	30.66 1.23 -0.51	29.40 1.16 0.00	31.97 1.21 0.00	31.59 1.15 0.00	32.67 1.27 -0.67	39.61 1.21 -11.53	40.10 1.14 -13.18	27.41 1.10 -2.41	31.15 1.45 -0.06	33.46 1.61 0.00	31.52 1.44 0.00	32.11 1.47 -0.09	32.10 0.87 -12.56	32.59 1.27 -4.22	42.09 0.79 -23.22	42.49 0.51 -29.70	64.50 1.37 -34.15	52.15 2.24 -4.40	48.32 1.34 -19.61	42.61 1.35 -13.83	36.31 1.33 -6.41	36.75 1.42 -4.78	40.67 0.94 -17.93
ASTORIA_GT_5 24106	30.76 1.01 -4.34	30.55 1.13 -0.50	29.31 1.07 0.01	31.88 1.13 0.01	31.48 1.04 0.01	32.55 1.16 -0.66	39.49 1.10 -11.53	40.01 1.05 -13.18	27.32 1.01 -2.41	31.05 1.35 -0.06	33.38 1.53 0.00	31.40 1.32 0.00	32.00 1.36 -0.09	32.03 0.80 -12.56	32.52 1.19 -4.22	42.03 0.73 -23.22	42.44 0.47 -29.70	64.39 1.27 -34.14	51.99 2.08 -4.39	48.24 1.26 -19.61	42.55 1.29 -13.82	36.24 1.27 -6.41	36.65 1.32 -4.78	40.66 0.93 -17.93
ASTORIA_GT_7 24107	30.76 1.01 -4.34	30.55 1.13 -0.50	29.31 1.07 0.01	31.88 1.13 0.01	31.48 1.04 0.01	32.55 1.16 -0.66	39.49 1.10 -11.53	40.01 1.05 -13.18	27.32 1.01 -2.41	31.05 1.35 -0.06	33.38 1.53 0.00	31.40 1.32 0.00	32.00 1.36 -0.09	32.03 0.80 -12.56	32.52 1.19 -4.22	42.03 0.73 -23.22	42.44 0.47 -29.70	64.39 1.27 -34.14	51.99 2.08 -4.39	48.24 1.26 -19.61	42.55 1.29 -13.82	36.24 1.27 -6.41	36.65 1.32 -4.78	40.66 0.93 -17.93
ASTORIA_GT_8 24108	30.76 1.01 -4.35	30.56 1.13 -0.51	29.32 1.08 0.00	31.88 1.13 0.00	31.48 1.04 0.00	32.55 1.16 -0.67	39.49 1.09 -11.53	40.01 1.05 -13.18	27.31 1.00 -2.41	31.05 1.34 -0.06	33.38 1.52 0.00	31.40 1.32 0.00	32.00 1.35 -0.09	32.03 0.80 -12.56	32.52 1.19 -4.22	42.03 0.73 -23.22	42.45 0.47 -29.70	64.40 1.27 -34.15	52.00 2.09 -4.40	48.25 1.27 -19.61	42.55 1.29 -13.83	36.24 1.27 -6.41	36.65 1.32 -4.78	40.65 0.93 -17.93
ASTORIA___2 24149	30.71 0.96 -4.34	30.50 1.08 -0.50	29.26 1.03 0.01	31.82 1.07 0.01	31.42 0.99 0.01	32.50 1.11 -0.66	39.44 1.04 -11.53	39.97 1.00 -13.18	27.27 0.96 -2.41	30.99 1.28 -0.06	33.31 1.46 0.00	31.34 1.26 0.00	31.93 1.28 -0.09	31.99 0.76 -12.56	32.47 1.14 -4.22	41.99 0.69 -23.22	42.42 0.45 -29.70	64.33 1.21 -34.14	51.89 1.98 -4.39	48.19 1.20 -19.61	42.50 1.24 -13.82	36.18 1.21 -6.41	36.58 1.26 -4.78	40.61 0.89 -17.93
ASTORIA___3 23516	30.86 1.11 -4.35	30.66 1.23 -0.51	29.40 1.16 0.00	31.97 1.21 0.00	31.59 1.15 0.00	32.67 1.27 -0.67	39.61 1.21 -11.53	40.10 1.14 -13.18	27.41 1.10 -2.41	31.16 1.45 -0.06	33.46 1.61 0.00	31.52 1.44 0.00	32.11 1.47 -0.09	32.10 0.88 -12.56	32.60 1.27 -4.22	42.09 0.79 -23.22	42.49 0.51 -29.70	64.50 1.37 -34.15	52.16 2.24 -4.40	48.32 1.34 -19.61	42.61 1.35 -13.83	36.31 1.33 -6.41	36.75 1.42 -4.78	40.67 0.94 -17.93
ASTORIA___4 23517	30.86 1.11 -4.35	30.66 1.23 -0.51	29.40 1.16 0.00	31.97 1.21 0.00	31.59 1.15 0.00	32.67 1.27 -0.67	39.61 1.21 -11.53	40.10 1.14 -13.18	27.41 1.10 -2.41	31.15 1.45 -0.06	33.46 1.61 0.00	31.52 1.44 0.00	32.11 1.47 -0.09	32.10 0.87 -12.56	32.59 1.27 -4.22	42.09 0.79 -23.22	42.49 0.51 -29.70	64.50 1.37 -34.15	52.15 2.24 -4.40	48.32 1.34 -19.61	42.61 1.35 -13.83	36.31 1.33 -6.41	36.75 1.42 -4.78	40.67 0.94 -17.93
ASTORIA___5 23518	30.86 1.11 -4.35	30.66 1.23 -0.51	29.40 1.16 0.00	31.97 1.21 0.00	31.59 1.15 0.00	32.67 1.27 -0.67	39.61 1.21 -11.53	40.10 1.14 -13.18	27.41 1.10 -2.41	31.16 1.45 -0.06	33.46 1.61 0.00	31.52 1.44 0.00	32.11 1.47 -0.09	32.10 0.88 -12.56	32.60 1.27 -4.22	42.09 0.79 -23.22	42.49 0.51 -29.70	64.50 1.37 -34.15	52.16 2.24 -4.40	48.32 1.34 -19.61	42.61 1.35 -13.83	36.31 1.33 -6.41	36.75 1.42 -4.78	40.67 0.94 -17.93
AST_ENERGY_2_CC3 323677	30.78 1.03 -4.35	30.55 1.13 -0.51	29.28 1.04 0.00	31.83 1.08 0.00	31.48 1.03 0.00	32.57 1.17 -0.67	39.52 1.12 -11.53	40.04 1.08 -13.18	27.35 1.04 -2.41	31.09 1.39 -0.06	33.42 1.57 0.00	31.49 1.41 0.00	32.07 1.43 -0.09	32.08 0.86 -12.56	32.56 1.23 -4.22	42.09 0.76 -23.24	42.46 0.48 -29.70	64.43 1.30 -34.15	52.05 2.14 -4.40	48.25 1.27 -19.61	42.55 1.29 -13.82	36.25 1.27 -6.41	36.70 1.37 -4.78	40.62 0.89 -17.93
AST_ENERGY_2_CC4 323678	30.78 1.03 -4.35	30.55 1.13 -0.51	29.28 1.04 0.00	31.83 1.08 0.00	31.48 1.03 0.00	32.57 1.17 -0.67	39.52 1.12 -11.53	40.04 1.08 -13.18	27.35 1.04 -2.41	31.09 1.39 -0.06	33.42 1.57 0.00	31.49 1.41 0.00	32.07 1.43 -0.09	32.08 0.86 -12.56	32.56 1.23 -4.22	42.09 0.76 -23.24	42.46 0.48 -29.70	64.43 1.30 -34.15	52.05 2.14 -4.40	48.25 1.27 -19.61	42.55 1.29 -13.82	36.25 1.27 -6.41	36.70 1.37 -4.78	40.62 0.89 -17.93
ATHENS_STG_1 23668	30.90 0.69 -4.80	30.27 0.79 -0.56	28.98 0.74 0.00	31.51 0.75 0.00	31.20 0.75 0.00	32.29 0.83 -0.74	40.36 0.76 -12.74	41.06 0.72 -14.56	27.25 0.69 -2.66	30.58 0.87 -0.06	32.78 0.93 0.00	30.96 0.87 0.00	31.55 0.90 -0.10	33.08 0.54 -13.87	32.56 0.79 -4.67	36.41 0.50 -17.83	45.41 0.32 -32.81	67.51 0.81 -37.72	51.70 1.32 -4.85	49.83 0.79 -21.66	43.51 0.80 -15.27	36.46 0.82 -7.08	36.72 0.90 -5.28	42.22 0.62 -19.81
ATHENS_STG_2 23670	30.90 0.69 -4.80	30.27 0.79 -0.56	28.98 0.74 0.00	31.51 0.75 0.00	31.20 0.75 0.00	32.29 0.83 -0.74	40.36 0.76 -12.74	41.06 0.72 -14.56	27.25 0.69 -2.66	30.58 0.87 -0.06	32.78 0.93 0.00	30.96 0.87 0.00	31.55 0.90 -0.10	33.08 0.54 -13.87	32.56 0.79 -4.67	36.41 0.50 -17.83	45.41 0.32 -32.81	67.51 0.81 -37.72	51.70 1.32 -4.85	49.83 0.79 -21.66	43.51 0.80 -15.27	36.46 0.82 -7.08	36.72 0.90 -5.28	42.22 0.62 -19.81

ATHENS_STG_3 23677	30.90 0.69 -4.80	30.27 0.79 -0.56	28.98 0.74 0.00	31.51 0.75 0.00	31.20 0.75 0.00	32.29 0.83 -0.74	40.36 0.76 -12.74	41.06 0.72 -14.56	27.25 0.69 -2.66	30.58 0.87 -0.06	32.78 0.93 0.00	30.96 0.87 0.00	31.55 0.90 -0.10	33.08 0.54 -13.87	32.56 0.79 -4.67	36.41 0.50 -17.83	45.41 0.32 -32.81	67.51 0.81 -37.72	51.70 1.32 -4.85	49.83 0.79 -21.66	43.51 0.80 -15.27	36.46 0.82 -7.08	36.72 0.90 -5.28	42.22 0.62 -19.81
AUBURN___LFG 323710	26.53 0.12 -1.01	29.18 0.14 -0.12	28.39 0.15 0.00	30.94 0.18 0.00	30.63 0.18 0.00	31.06 0.18 -0.15	29.71 0.18 -2.67	28.99 0.16 -3.05	24.62 0.16 -0.56	29.99 0.33 -0.01	32.18 0.33 0.00	30.38 0.30 0.00	30.78 0.19 -0.02	21.61 0.04 -2.91	28.20 0.12 -0.98	21.51 0.18 -3.24	19.33 0.18 -6.87	37.28 0.40 -7.90	47.15 0.61 -1.02	32.27 0.37 -4.54	30.93 0.29 -3.20	30.28 0.22 -1.48	31.93 0.28 -1.11	26.10 0.16 -4.15
BABYLON_RES_REC 323704	31.49 1.74 -4.35	31.24 1.81 -0.51	29.90 1.66 0.00	32.58 1.82 0.00	32.24 1.79 0.00	33.37 1.97 -0.67	40.38 1.98 -11.54	40.80 1.84 -13.19	27.94 1.63 -2.41	31.71 2.00 -0.06	34.57 2.55 -0.17	32.58 2.32 -0.19	34.34 2.35 -1.43	34.77 1.45 -14.64	33.29 1.95 -4.23	42.56 1.30 -23.16	62.40 0.92 -49.21	83.01 2.35 -51.68	93.47 3.86 -44.09	105.20 2.29 -75.55	73.60 2.27 -43.89	65.90 2.25 -35.08	37.75 2.42 -4.78	41.30 1.57 -17.93
BABYLON__69_KV_BK2 356345	31.79 2.04 -4.35	31.56 2.14 -0.51	30.20 1.96 0.00	32.91 2.15 0.00	32.57 2.13 0.00	33.71 2.32 -0.67	40.69 2.29 -11.54	41.11 2.15 -13.19	28.21 1.90 -2.41	32.05 2.34 -0.06	34.90 2.89 -0.17	32.92 2.66 -0.18	34.65 2.69 -1.40	34.94 1.67 -14.60	33.65 2.32 -4.23	42.79 1.54 -23.16	62.88 1.08 -49.53	83.43 2.70 -51.75	94.40 4.41 -44.47	106.09 2.64 -76.08	73.87 2.63 -43.80	66.06 2.62 -34.87	38.16 2.83 -4.78	41.57 1.84 -17.93
BALL_HILL_WT_PWR 323825	26.21 -0.40 -1.20	28.73 -0.33 -0.14	28.02 -0.22 0.00	30.68 -0.08 0.00	30.30 -0.14 0.00	30.69 -0.22 -0.18	29.73 -0.33 -3.19	28.94 -0.48 -3.64	24.04 -0.53 -0.66	29.25 -0.42 -0.02	31.52 -0.33 0.00	29.75 -0.34 0.00	30.20 -0.39 -0.02	21.75 -0.39 -3.46	27.76 -0.51 -1.17	21.56 -0.40 -3.87	20.21 -0.26 -8.20	37.81 -0.60 -9.42	45.95 -0.79 -1.21	32.12 -0.66 -5.41	30.55 -0.71 -3.81	29.47 -0.87 -1.77	30.87 -0.99 -1.32	26.06 -0.68 -4.95
BARON_WINDS___WT_PWR 323822	26.51 -0.34 -1.44	28.79 -0.30 -0.17	28.06 -0.19 0.00	30.69 -0.06 0.00	30.36 -0.08 0.00	30.88 -0.07 -0.22	30.67 -0.02 -3.82	30.04 -0.11 -4.37	24.58 -0.12 -0.80	29.62 -0.05 -0.02	31.83 -0.02 0.00	30.06 -0.03 0.00	30.44 -0.15 -0.03	22.66 -0.17 -4.16	28.34 -0.17 -1.40	22.63 -0.11 -4.64	22.07 -0.04 -9.84	40.25 -0.05 -11.31	46.78 -0.20 -1.46	33.46 -0.40 -6.50	31.47 -0.54 -4.58	29.98 -0.71 -2.12	31.37 -0.76 -1.58	27.20 -0.53 -5.94
BARRETT_IC_1 23704	31.23 1.41 -4.42	30.96 1.54 -0.51	29.66 1.41 0.00	32.30 1.54 0.00	31.96 1.52 0.00	33.10 1.67 -0.70	40.09 1.67 -11.56	40.54 1.49 -13.27	27.76 1.38 -2.48	33.26 1.70 -1.91	54.70 2.17 -20.68	54.70 1.99 -22.63	54.70 1.98 -22.17	52.73 1.20 -32.86	33.01 1.60 -4.31	42.32 1.07 -23.16	63.23 0.72 -50.23	79.71 1.87 -48.86	89.02 3.09 -40.40	107.04 1.83 -77.83	73.34 1.88 -44.03	64.44 1.82 -34.05	37.31 1.98 -4.78	41.02 1.29 -17.93
BARRETT_IC_10 23701	31.23 1.41 -4.42	30.96 1.54 -0.51	29.66 1.41 0.00	32.30 1.54 0.00	31.96 1.52 0.00	33.10 1.67 -0.70	40.09 1.67 -11.56	40.54 1.49 -13.27	27.76 1.38 -2.48	33.26 1.70 -1.91	54.70 2.17 -20.68	54.70 1.99 -22.63	54.70 1.98 -22.17	52.73 1.20 -32.86	33.01 1.60 -4.31	42.32 1.07 -23.16	63.23 0.72 -50.23	79.71 1.87 -48.86	89.02 3.09 -40.40	107.04 1.83 -77.83	73.34 1.88 -44.03	64.44 1.82 -34.05	37.31 1.98 -4.78	41.02 1.29 -17.93
BARRETT_IC_11 23702	31.23 1.41 -4.42	30.96 1.54 -0.51	29.66 1.41 0.00	32.30 1.54 0.00	31.96 1.52 0.00	33.10 1.67 -0.70	40.09 1.67 -11.56	40.54 1.49 -13.27	27.76 1.38 -2.48	33.26 1.70 -1.91	54.70 2.17 -20.68	54.70 1.99 -22.63	54.70 1.98 -22.17	52.73 1.20 -32.86	33.01 1.60 -4.31	42.32 1.07 -23.16	63.23 0.72 -50.23	79.71 1.87 -48.86	89.02 3.09 -40.40	107.04 1.83 -77.83	73.34 1.88 -44.03	64.44 1.82 -34.05	37.31 1.98 -4.78	41.02 1.29 -17.93
BARRETT_IC_12 23703	31.23 1.41 -4.42	30.96 1.54 -0.51	29.66 1.41 0.00	32.30 1.54 0.00	31.96 1.52 0.00	33.10 1.67 -0.70	40.09 1.67 -11.56	40.54 1.49 -13.27	27.76 1.38 -2.48	33.26 1.70 -1.91	54.70 2.17 -20.68	54.70 1.99 -22.63	54.70 1.98 -22.17	52.73 1.20 -32.86	33.01 1.60 -4.31	42.32 1.07 -23.16	63.23 0.72 -50.23	79.71 1.87 -48.86	89.02 3.09 -40.40	107.04 1.83 -77.83	73.34 1.88 -44.03	64.44 1.82 -34.05	37.31 1.98 -4.78	41.02 1.29 -17.93
BARRETT_IC_2 23705	31.23 1.41 -4.42	30.96 1.54 -0.51	29.66 1.41 0.00	32.30 1.54 0.00	31.96 1.52 0.00	33.10 1.67 -0.70	40.09 1.67 -11.56	40.54 1.49 -13.27	27.76 1.38 -2.48	33.26 1.70 -1.91	54.70 2.17 -20.68	54.70 1.99 -22.63	54.70 1.98 -22.17	52.73 1.20 -32.86	33.01 1.60 -4.31	42.32 1.07 -23.16	63.23 0.72 -50.23	79.71 1.87 -48.86	89.02 3.09 -40.40	107.04 1.83 -77.83	73.34 1.88 -44.03	64.44 1.82 -34.05	37.31 1.98 -4.78	41.02 1.29 -17.93
BARRETT_IC_3 23706	31.23 1.41 -4.42	30.96 1.54 -0.51	29.66 1.41 0.00	32.30 1.54 0.00	31.96 1.52 0.00	33.10 1.67 -0.70	40.09 1.67 -11.56	40.54 1.49 -13.27	27.76 1.38 -2.48	33.26 1.70 -1.91	54.70 2.17 -20.68	54.70 1.99 -22.63	54.70 1.98 -22.17	52.73 1.20 -32.86	33.01 1.60 -4.31	42.32 1.07 -23.16	63.23 0.72 -50.23	79.71 1.87 -48.86	89.02 3.09 -40.40	107.04 1.83 -77.83	73.34 1.88 -44.03	64.44 1.82 -34.05	37.31 1.98 -4.78	41.02 1.29 -17.93
BARRETT_IC_4 23707	31.23 1.41 -4.42	30.96 1.54 -0.51	29.66 1.41 0.00	32.30 1.54 0.00	31.96 1.52 0.00	33.10 1.67 -0.70	40.09 1.67 -11.56	40.54 1.49 -13.27	27.76 1.38 -2.48	33.26 1.70 -1.91	54.70 2.17 -20.68	54.70 1.99 -22.63	54.70 1.98 -22.17	52.73 1.20 -32.86	33.01 1.60 -4.31	42.32 1.07 -23.16	63.23 0.72 -50.23	79.71 1.87 -48.86	89.02 3.09 -40.40	107.04 1.83 -77.83	73.34 1.88 -44.03	64.44 1.82 -34.05	37.31 1.98 -4.78	41.02 1.29 -17.93
BARRETT_IC_5 23708	31.23 1.41 -4.42	30.96 1.54 -0.51	29.66 1.41 0.00	32.30 1.54 0.00	31.96 1.52 0.00	33.10 1.67 -0.70	40.09 1.67 -11.56	40.54 1.49 -13.27	27.76 1.38 -2.48	33.26 1.70 -1.91	54.70 2.17 -20.68	54.70 1.99 -22.63	54.70 1.98 -22.17	52.73 1.20 -32.86	33.01 1.60 -4.31	42.32 1.07 -23.16	63.23 0.72 -50.23	79.71 1.87 -48.86	89.02 3.09 -40.40	107.04 1.83 -77.83	73.34 1.88 -44.03	64.44 1.82 -34.05	37.31 1.98 -4.78	41.02 1.29 -17.93
BARRETT_IC_6 23709	31.23 1.41 -4.42	30.96 1.54 -0.51	29.66 1.41 0.00	32.30 1.54 0.00	31.96 1.52 0.00	33.10 1.67 -0.70	40.09 1.67 -11.56	40.54 1.49 -13.27	27.76 1.38 -2.48	33.26 1.70 -1.91	54.70 2.17 -20.68	54.70 1.99 -22.63	54.70 1.98 -22.17	52.73 1.20 -32.86	33.01 1.60 -4.31	42.32 1.07 -23.16	63.23 0.72 -50.23	79.71 1.87 -48.86	89.02 3.09 -40.40	107.04 1.83 -77.83	73.34 1.88 -44.03	64.44 1.82 -34.05	37.31 1.98 -4.78	41.02 1.29 -17.93

BARRETT_IC_7 23710	31.25 1.43 -4.42	30.96 1.54 -0.51	29.66 1.41 0.00	32.29 1.54 0.00	31.96 1.52 0.00	33.10 1.67 -0.70	40.09 1.66 -11.56	40.56 1.51 -13.27	27.76 1.38 -2.48	33.28 1.72 -1.91	54.72 2.20 -20.68	54.71 2.00 -22.63	54.72 2.00 -22.17	52.75 1.22 -32.86	33.06 1.65 -4.31	42.33 1.08 -23.16	63.25 0.74 -50.23	79.71 1.87 -48.86	89.06 3.13 -40.40	107.07 1.87 -77.83	73.31 1.85 -44.03	64.46 1.83 -34.05	37.27 1.95 -4.78	41.02 1.29 -17.93
BARRETT_IC_8 23711	31.23 1.41 -4.42	30.96 1.54 -0.51	29.66 1.41 0.00	32.30 1.54 0.00	31.96 1.52 0.00	33.10 1.67 -0.70	40.09 1.67 -11.56	40.54 1.49 -13.27	27.76 1.38 -2.48	33.26 1.70 -1.91	54.70 2.17 -20.68	54.70 1.99 -22.63	54.70 1.98 -22.17	52.73 1.20 -32.86	33.01 1.60 -4.31	42.32 1.07 -23.16	63.23 0.72 -50.23	79.71 1.87 -48.86	89.02 3.09 -40.40	107.04 1.83 -77.83	73.34 1.88 -44.03	64.44 1.82 -34.05	37.31 1.98 -4.78	41.02 1.29 -17.93
BARRETT_IC_9 23700	31.23 1.41 -4.42	30.96 1.54 -0.51	29.66 1.41 0.00	32.30 1.54 0.00	31.96 1.52 0.00	33.10 1.67 -0.70	40.09 1.67 -11.56	40.54 1.49 -13.27	27.76 1.38 -2.48	33.26 1.70 -1.91	54.70 2.17 -20.68	54.70 1.99 -22.63	54.70 1.98 -22.17	52.73 1.20 -32.86	33.01 1.60 -4.31	42.32 1.07 -23.16	63.23 0.72 -50.23	79.71 1.87 -48.86	89.02 3.09 -40.40	107.04 1.83 -77.83	73.34 1.88 -44.03	64.44 1.82 -34.05	37.31 1.98 -4.78	41.02 1.29 -17.93
BARRETT___1 23545	31.23 1.41 -4.42	30.96 1.54 -0.51	29.66 1.41 0.00	32.30 1.54 0.00	31.96 1.52 0.00	33.10 1.67 -0.70	40.09 1.67 -11.56	40.54 1.49 -13.27	27.76 1.38 -2.48	33.26 1.70 -1.91	54.70 2.17 -20.68	54.70 1.99 -22.63	54.70 1.98 -22.17	52.73 1.20 -32.86	33.01 1.60 -4.31	42.32 1.07 -23.16	63.23 0.72 -50.23	79.71 1.87 -48.86	89.02 3.09 -40.40	107.04 1.83 -77.83	73.34 1.88 -44.03	64.44 1.82 -34.05	37.31 1.98 -4.78	41.02 1.29 -17.93
BARRETT___2 23546	31.23 1.41 -4.42	30.96 1.54 -0.51	29.66 1.41 0.00	32.30 1.54 0.00	31.96 1.52 0.00	33.10 1.67 -0.70	40.09 1.67 -11.56	40.54 1.49 -13.27	27.76 1.38 -2.48	33.26 1.70 -1.91	54.70 2.17 -20.68	54.70 1.99 -22.63	54.70 1.98 -22.17	52.73 1.20 -32.86	33.01 1.60 -4.31	42.32 1.07 -23.16	63.23 0.72 -50.23	79.71 1.87 -48.86	89.02 3.09 -40.40	107.04 1.83 -77.83	73.34 1.88 -44.03	64.44 1.82 -34.05	37.31 1.98 -4.78	41.02 1.29 -17.93
BATAVIA___115KV_TB1 55881	26.57 0.08 -1.09	29.24 0.19 -0.13	28.48 0.25 0.00	31.16 0.40 0.00	30.79 0.34 0.00	31.14 0.24 -0.17	29.73 -0.02 -2.88	28.90 -0.18 -3.29	24.23 -0.27 -0.60	29.44 -0.23 -0.01	31.79 -0.06 0.00	29.93 -0.15 0.00	30.51 -0.07 -0.02	21.62 -0.19 -3.14	27.95 -0.21 -1.06	21.39 -0.20 -3.50	19.63 -0.06 -7.42	37.41 -0.10 -8.53	46.74 0.13 -1.10	32.23 -0.04 -4.90	30.84 -0.05 -3.45	29.99 -0.18 -1.60	31.44 -0.31 -1.19	26.07 -0.20 -4.48
BAYONEEC___CTG1 323682	30.80 1.04 -4.35	30.58 1.16 -0.51	29.31 1.07 0.00	31.86 1.11 0.00	31.50 1.06 0.00	32.60 1.20 -0.67	39.56 1.16 -11.53	40.08 1.12 -13.18	27.39 1.08 -2.41	31.12 1.41 -0.06	33.42 1.57 0.00	31.49 1.41 0.00	32.07 1.43 -0.09	32.08 0.85 -12.56	32.56 1.23 -4.22	42.09 0.76 -23.24	42.47 0.49 -29.70	64.44 1.31 -34.15	52.07 2.15 -4.40	48.26 1.28 -19.61	42.57 1.31 -13.82	36.26 1.29 -6.41	36.72 1.39 -4.78	40.63 0.91 -17.93
BAYONEEC___CTG10 323750	30.80 1.04 -4.35	30.58 1.16 -0.51	29.31 1.07 0.00	31.86 1.11 0.00	31.50 1.06 0.00	32.60 1.20 -0.67	39.56 1.16 -11.53	40.08 1.12 -13.18	27.39 1.08 -2.41	31.12 1.41 -0.06	33.42 1.57 0.00	31.49 1.41 0.00	32.07 1.43 -0.09	32.08 0.85 -12.56	32.56 1.23 -4.22	42.09 0.76 -23.24	42.47 0.49 -29.70	64.44 1.31 -34.15	52.07 2.15 -4.40	48.26 1.28 -19.61	42.57 1.31 -13.82	36.26 1.29 -6.41	36.72 1.39 -4.78	40.63 0.91 -17.93
BAYONEEC___CTG2 323683	30.80 1.04 -4.35	30.58 1.16 -0.51	29.31 1.07 0.00	31.86 1.11 0.00	31.50 1.06 0.00	32.60 1.20 -0.67	39.56 1.16 -11.53	40.08 1.12 -13.18	27.39 1.08 -2.41	31.12 1.41 -0.06	33.42 1.57 0.00	31.49 1.41 0.00	32.07 1.43 -0.09	32.08 0.85 -12.56	32.56 1.23 -4.22	42.09 0.76 -23.24	42.47 0.49 -29.70	64.44 1.31 -34.15	52.07 2.15 -4.40	48.26 1.28 -19.61	42.57 1.31 -13.82	36.26 1.29 -6.41	36.72 1.39 -4.78	40.63 0.91 -17.93
BAYONEEC___CTG3 323684	30.80 1.04 -4.35	30.58 1.16 -0.51	29.31 1.07 0.00	31.86 1.11 0.00	31.50 1.06 0.00	32.60 1.20 -0.67	39.56 1.16 -11.53	40.08 1.12 -13.18	27.39 1.08 -2.41	31.12 1.41 -0.06	33.42 1.57 0.00	31.49 1.41 0.00	32.07 1.43 -0.09	32.08 0.85 -12.56	32.56 1.23 -4.22	42.09 0.76 -23.24	42.47 0.49 -29.70	64.44 1.31 -34.15	52.07 2.15 -4.40	48.26 1.28 -19.61	42.57 1.31 -13.82	36.26 1.29 -6.41	36.72 1.39 -4.78	40.63 0.91 -17.93
BAYONEEC___CTG4 323685	30.80 1.04 -4.35	30.58 1.16 -0.51	29.31 1.07 0.00	31.86 1.11 0.00	31.50 1.06 0.00	32.60 1.20 -0.67	39.56 1.16 -11.53	40.08 1.12 -13.18	27.39 1.08 -2.41	31.12 1.41 -0.06	33.42 1.57 0.00	31.49 1.41 0.00	32.07 1.43 -0.09	32.08 0.85 -12.56	32.56 1.23 -4.22	42.09 0.76 -23.24	42.47 0.49 -29.70	64.44 1.31 -34.15	52.07 2.15 -4.40	48.26 1.28 -19.61	42.57 1.31 -13.82	36.26 1.29 -6.41	36.72 1.39 -4.78	40.63 0.91 -17.93
BAYONEEC___CTG5 323686	30.80 1.04 -4.35	30.58 1.16 -0.51	29.31 1.07 0.00	31.86 1.11 0.00	31.50 1.06 0.00	32.60 1.20 -0.67	39.56 1.16 -11.53	40.08 1.12 -13.18	27.39 1.08 -2.41	31.12 1.41 -0.06	33.42 1.57 0.00	31.49 1.41 0.00	32.07 1.43 -0.09	32.08 0.85 -12.56	32.56 1.23 -4.22	42.09 0.76 -23.24	42.47 0.49 -29.70	64.44 1.31 -34.15	52.07 2.15 -4.40	48.26 1.28 -19.61	42.57 1.31 -13.82	36.26 1.29 -6.41	36.72 1.39 -4.78	40.63 0.91 -17.93
BAYONEEC___CTG6 323687	30.80 1.04 -4.35	30.58 1.16 -0.51	29.31 1.07 0.00	31.86 1.11 0.00	31.50 1.06 0.00	32.60 1.20 -0.67	39.56 1.16 -11.53	40.08 1.12 -13.18	27.39 1.08 -2.41	31.12 1.41 -0.06	33.42 1.57 0.00	31.49 1.41 0.00	32.07 1.43 -0.09	32.08 0.85 -12.56	32.56 1.23 -4.22	42.09 0.76 -23.24	42.47 0.49 -29.70	64.44 1.31 -34.15	52.07 2.15 -4.40	48.26 1.28 -19.61	42.57 1.31 -13.82	36.26 1.29 -6.41	36.72 1.39 -4.78	40.63 0.91 -17.93
BAYONEEC___CTG7 323688	30.80 1.04 -4.35	30.58 1.16 -0.51	29.31 1.07 0.00	31.86 1.11 0.00	31.50 1.06 0.00	32.60 1.20 -0.67	39.56 1.16 -11.53	40.08 1.12 -13.18	27.39 1.08 -2.41	31.12 1.41 -0.06	33.42 1.57 0.00	31.49 1.41 0.00	32.07 1.43 -0.09	32.08 0.85 -12.56	32.56 1.23 -4.22	42.09 0.76 -23.24	42.47 0.49 -29.70	64.44 1.31 -34.15	52.07 2.15 -4.40	48.26 1.28 -19.61	42.57 1.31 -13.82	36.26 1.29 -6.41	36.72 1.39 -4.78	40.63 0.91 -17.93
BAYONEEC___CTG8 323689	30.80 1.04 -4.35	30.58 1.16 -0.51	29.31 1.07 0.00	31.86 1.11 0.00	31.50 1.06 0.00	32.60 1.20 -0.67	39.56 1.16 -11.53	40.08 1.12 -13.18	27.39 1.08 -2.41	31.12 1.41 -0.06	33.42 1.57 0.00	31.49 1.41 0.00	32.07 1.43 -0.09	32.08 0.85 -12.56	32.56 1.23 -4.22	42.09 0.76 -23.24	42.47 0.49 -29.70	64.44 1.31 -34.15	52.07 2.15 -4.40	48.26 1.28 -19.61	42.57 1.31 -13.82	36.26 1.29 -6.41	36.72 1.39 -4.78	40.63 0.91 -17.93

BAYONEEC___CTG9 323749	30.80 1.04 -4.35	30.58 1.16 -0.51	29.31 1.07 0.00	31.86 1.11 0.00	31.50 1.06 0.00	32.60 1.20 -0.67	39.56 1.16 -11.53	40.08 1.12 -13.18	27.39 1.08 -2.41	31.12 1.41 -0.06	33.42 1.57 0.00	31.49 1.41 0.00	32.07 1.43 -0.09	32.08 0.85 -12.56	32.56 1.23 -4.22	42.09 0.76 -23.24	42.47 0.49 -29.70	64.44 1.31 -34.15	52.07 2.15 -4.40	48.26 1.28 -19.61	42.57 1.31 -13.82	36.26 1.29 -6.41	36.72 1.39 -4.78	40.63 0.91 -17.93
BEACON___LESR 323632	31.55 0.91 -5.23	30.56 1.04 -0.61	29.20 0.96 0.00	31.61 0.85 0.00	31.37 0.93 0.00	32.55 1.01 -0.80	41.69 0.93 -13.89	42.57 0.91 -15.88	27.70 0.89 -2.90	30.74 1.02 -0.07	32.74 0.89 0.00	31.08 1.00 0.00	31.66 1.00 -0.11	34.42 0.62 -15.12	33.14 0.94 -5.09	37.53 0.64 -18.80	48.48 0.43 -35.77	71.20 1.09 -41.13	52.55 1.74 -5.29	52.05 1.05 -23.62	45.13 1.04 -16.65	37.36 1.07 -7.72	37.43 1.13 -5.76	44.15 0.75 -21.60
BEAVER RIVER___HYD 24048	25.56 -0.25 -0.40	28.57 -0.39 -0.05	27.97 -0.28 0.00	30.73 -0.03 0.00	30.45 0.01 0.00	30.73 -0.06 -0.06	27.86 -0.07 -1.07	26.91 -0.09 -1.22	23.87 -0.25 -0.22	29.43 -0.22 0.00	31.82 -0.03 0.00	30.08 -0.01 0.00	30.58 0.02 -0.01	19.77 -0.06 -1.16	27.33 -0.16 -0.39	19.24 -0.14 -1.29	14.89 -0.13 -2.74	31.97 -0.17 -3.16	45.71 -0.23 -0.41	29.12 -0.06 -1.81	28.65 -0.06 -1.28	28.95 -0.21 -0.59	30.77 -0.22 -0.44	23.17 -0.28 -1.66
BEEBEE_GT_13 23619	26.30 -0.11 -1.01	28.94 -0.10 -0.12	28.19 -0.05 0.00	30.79 0.03 0.00	30.43 -0.01 0.00	30.80 -0.09 -0.15	29.36 -0.18 -2.67	28.57 -0.25 -3.05	24.12 -0.34 -0.56	29.36 -0.30 -0.01	31.61 -0.23 0.00	29.84 -0.24 0.00	30.37 -0.21 -0.02	21.38 -0.20 -2.91	27.80 -0.28 -0.98	21.13 -0.20 -3.25	19.07 -0.08 -6.88	36.68 -0.21 -7.91	46.38 -0.15 -1.02	31.76 -0.15 -4.54	30.46 -0.18 -3.20	29.78 -0.27 -1.48	31.29 -0.37 -1.11	25.72 -0.23 -4.15
BENSHRST_27_KV_BENSHRST_1 355998	31.10 1.34 -4.35	30.91 1.49 -0.51	29.65 1.41 0.00	32.22 1.47 0.00	31.85 1.40 0.00	32.94 1.55 -0.67	39.87 1.47 -11.53	40.38 1.42 -13.18	27.68 1.36 -2.41	31.48 1.78 -0.06	33.80 1.95 0.00	31.84 1.76 0.00	32.44 1.79 -0.09	32.30 1.07 -12.56	32.85 1.52 -4.22	42.26 0.96 -23.22	42.60 0.62 -29.70	64.77 1.64 -34.15	52.61 2.69 -4.40	48.61 1.63 -19.61	42.92 1.66 -13.83	36.64 1.66 -6.41	37.08 1.75 -4.78	40.90 1.17 -17.93
BETHLEHEM___GRP 23843	31.04 0.39 -5.24	30.03 0.50 -0.61	28.71 0.47 0.00	31.09 0.34 0.00	30.83 0.39 0.00	31.94 0.41 -0.80	41.09 0.32 -13.91	41.97 0.30 -15.90	27.21 0.41 -2.91	30.19 0.47 -0.07	32.19 0.34 0.00	30.56 0.48 0.00	31.12 0.46 -0.11	34.08 0.27 -15.13	32.62 0.42 -5.09	37.15 0.25 -18.82	48.24 0.16 -35.81	70.52 0.37 -41.17	51.46 0.64 -5.30	51.40 0.38 -23.65	44.51 0.40 -16.67	36.74 0.44 -7.73	36.76 0.45 -5.76	43.71 0.30 -21.62
BETHLEHEM___GS1 323560	31.04 0.40 -5.24	30.03 0.50 -0.61	28.71 0.47 0.00	31.10 0.34 0.00	30.83 0.39 0.00	31.94 0.41 -0.80	41.10 0.32 -13.91	41.98 0.30 -15.90	27.22 0.41 -2.91	30.19 0.47 -0.07	32.20 0.35 0.00	30.56 0.48 0.00	31.12 0.46 -0.11	34.08 0.27 -15.13	32.62 0.42 -5.09	37.15 0.25 -18.82	48.24 0.16 -35.81	70.52 0.37 -41.17	51.45 0.63 -5.30	51.40 0.38 -23.65	44.51 0.40 -16.67	36.74 0.44 -7.73	36.76 0.45 -5.76	43.71 0.30 -21.62
BETHLEHEM___GS2 323561	31.04 0.40 -5.24	30.03 0.50 -0.61	28.71 0.47 0.00	31.10 0.34 0.00	30.83 0.39 0.00	31.94 0.41 -0.80	41.10 0.32 -13.91	41.98 0.30 -15.90	27.22 0.41 -2.91	30.19 0.47 -0.07	32.20 0.35 0.00	30.56 0.48 0.00	31.12 0.46 -0.11	34.08 0.27 -15.13	32.62 0.42 -5.09	37.15 0.25 -18.82	48.24 0.16 -35.81	70.52 0.37 -41.17	51.45 0.63 -5.30	51.40 0.38 -23.65	44.51 0.40 -16.67	36.74 0.44 -7.73	36.76 0.45 -5.76	43.71 0.30 -21.62
BETHLEHEM___GS3 323562	31.04 0.40 -5.24	30.03 0.50 -0.61	28.71 0.47 0.00	31.10 0.34 0.00	30.83 0.39 0.00	31.94 0.41 -0.80	41.10 0.32 -13.91	41.98 0.30 -15.90	27.22 0.41 -2.91	30.19 0.47 -0.07	32.20 0.35 0.00	30.56 0.48 0.00	31.12 0.46 -0.11	34.08 0.27 -15.13	32.62 0.42 -5.09	37.15 0.25 -18.82	48.24 0.16 -35.81	70.52 0.37 -41.17	51.45 0.63 -5.30	51.40 0.38 -23.65	44.51 0.40 -16.67	36.74 0.44 -7.73	36.76 0.45 -5.76	43.71 0.30 -21.62
BETHLEHEM___STEEL 23779	26.10 -0.48 -1.18	28.63 -0.43 -0.14	27.92 -0.32 0.00	30.56 -0.19 0.00	30.18 -0.27 0.00	30.53 -0.38 -0.18	29.48 -0.52 -3.13	28.67 -0.68 -3.57	23.83 -0.73 -0.65	29.04 -0.62 -0.02	31.32 -0.53 0.00	29.53 -0.54 0.00	30.05 -0.53 -0.02	21.58 -0.49 -3.41	27.57 -0.69 -1.15	21.37 -0.52 -3.80	20.01 -0.32 -8.06	37.45 -0.80 -9.26	45.69 -1.02 -1.19	31.94 -0.75 -5.32	30.41 -0.78 -3.75	29.39 -0.92 -1.74	30.79 -1.05 -1.30	25.96 -0.70 -4.87
BETHLHEM_115KV_TB1 79974	31.10 0.45 -5.24	30.09 0.56 -0.61	28.76 0.52 0.00	31.16 0.40 0.00	30.90 0.46 0.00	32.02 0.48 -0.80	41.16 0.39 -13.90	42.04 0.38 -15.89	27.26 0.45 -2.91	30.25 0.53 -0.07	32.28 0.43 0.00	30.62 0.54 0.00	31.19 0.53 -0.11	34.12 0.32 -15.13	32.68 0.48 -5.09	37.18 0.29 -18.80	48.25 0.19 -35.79	70.57 0.45 -41.14	51.57 0.75 -5.30	51.46 0.45 -23.63	44.56 0.47 -16.66	36.80 0.51 -7.72	36.84 0.53 -5.76	43.76 0.36 -21.61
BETHPAGE_CC_5 323564	31.38 1.62 -4.35	31.13 1.70 -0.51	29.78 1.55 0.00	32.46 1.71 0.00	32.12 1.68 0.00	33.25 1.85 -0.67	40.25 1.85 -11.54	40.69 1.72 -13.19	27.86 1.54 -2.41	31.68 1.92 -0.12	35.19 2.45 -0.88	33.29 2.24 -0.97	35.05 2.27 -2.22	35.46 1.39 -15.39	33.20 1.86 -4.23	42.45 1.20 -23.16	61.77 0.83 -48.66	82.70 2.12 -51.60	92.49 3.50 -43.46	104.33 2.08 -74.88	73.93 2.06 -44.43	66.46 2.04 -35.85	37.53 2.20 -4.78	41.19 1.46 -17.93
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	26.14 -0.45 -1.19	28.68 -0.39 -0.14	27.96 -0.28 0.00	30.62 -0.14 0.00	30.23 -0.22 0.00	30.58 -0.33 -0.18	29.55 -0.47 -3.15	28.74 -0.63 -3.60	23.88 -0.68 -0.66	29.11 -0.56 -0.02	31.38 -0.46 0.00	29.61 -0.47 0.00	30.12 -0.46 -0.02	21.65 -0.45 -3.43	27.63 -0.63 -1.15	21.43 -0.48 -3.83	20.08 -0.30 -8.11	37.56 -0.74 -9.32	45.82 -0.91 -1.20	32.04 -0.69 -5.35	30.49 -0.72 -3.77	29.47 -0.85 -1.75	30.86 -0.99 -1.30	26.02 -0.66 -4.90
BINGHAMTON___COGEN 23790	27.39 0.11 -1.87	29.30 0.16 -0.22	28.41 0.17 0.00	30.98 0.23 0.00	30.65 0.20 0.00	31.23 0.22 -0.29	32.07 0.23 -4.98	31.65 0.18 -5.69	25.13 0.19 -1.04	29.95 0.27 -0.03	32.19 0.33 0.00	30.40 0.32 0.00	30.81 0.21 -0.04	24.19 0.10 -5.42	29.11 0.18 -1.82	24.27 0.13 -6.05	25.18 0.09 -12.82	44.00 0.29 -14.73	47.81 0.39 -1.90	35.98 0.15 -8.46	33.52 0.12 -5.96	31.41 0.07 -2.76	32.70 0.09 -2.06	29.58 0.05 -7.74
BIXINCNT_115KV_LOAD 355685	26.44 -0.19 -1.22	29.00 -0.06 -0.14	28.29 0.05 0.00	31.02 0.26 0.00	30.70 0.25 0.00	31.13 0.21 -0.19	30.13 0.03 -3.24	29.32 -0.16 -3.70	24.36 -0.22 -0.68	29.68 0.01 -0.02	32.00 0.15 0.00	30.24 0.15 0.00	30.73 0.14 -0.02	22.10 -0.09 -3.52	28.18 -0.11 -1.18	21.86 -0.15 -3.93	20.49 -0.11 -8.33	38.28 -0.27 -9.57	46.52 -0.23 -1.23	32.50 -0.37 -5.50	30.84 -0.47 -3.88	29.81 -0.56 -1.80	31.19 -0.70 -1.34	26.39 -0.43 -5.03

BLACK RIVER___HYD 24047	25.80 -0.13 -0.53	28.69 -0.29 -0.06	28.07 -0.18 0.00	30.78 0.03 0.00	30.54 0.10 0.00	30.91 0.10 -0.08	28.37 0.10 -1.40	27.44 0.05 -1.61	24.08 -0.11 -0.29	29.65 -0.01 -0.01	32.04 0.20 0.00	30.38 0.29 0.00	30.84 0.27 -0.01	20.29 0.08 -1.53	27.55 -0.07 -0.52	19.76 -0.03 -1.71	15.84 -0.06 -3.62	33.30 0.16 -4.16	46.44 0.38 -0.53	29.98 0.22 -2.39	29.24 0.12 -1.68	29.33 -0.02 -0.78	31.07 -0.06 -0.58	23.76 -0.21 -2.18
BLACKRVR_115KV_TB2 79977	25.80 -0.13 -0.53	28.69 -0.29 -0.06	28.07 -0.18 0.00	30.78 0.03 0.00	30.54 0.10 0.00	30.91 0.10 -0.08	28.37 0.10 -1.40	27.44 0.05 -1.61	24.08 -0.11 -0.29	29.65 -0.01 -0.01	32.04 0.19 0.00	30.38 0.29 0.00	30.84 0.27 -0.01	20.29 0.08 -1.53	27.56 -0.06 -0.52	19.76 -0.03 -1.71	15.84 -0.06 -3.62	33.30 0.16 -4.16	46.44 0.38 -0.53	29.98 0.22 -2.39	29.24 0.12 -1.68	29.33 -0.02 -0.78	31.06 -0.07 -0.58	23.76 -0.21 -2.18
BLISS_WT_PWR 323608	26.42 -0.21 -1.22	28.97 -0.09 -0.14	28.27 0.03 0.00	30.99 0.24 0.00	30.71 0.27 0.00	31.16 0.24 -0.19	30.18 0.08 -3.24	29.35 -0.12 -3.70	24.39 -0.19 -0.68	29.72 0.05 -0.02	32.03 0.18 0.00	30.27 0.18 0.00	30.76 0.18 -0.02	22.13 -0.07 -3.52	28.21 -0.08 -1.18	21.89 -0.13 -3.93	20.51 -0.09 -8.33	38.32 -0.23 -9.57	46.56 -0.20 -1.23	32.48 -0.38 -5.50	30.84 -0.48 -3.88	29.79 -0.57 -1.80	31.15 -0.74 -1.34	26.37 -0.45 -5.03
BLUESTONE___WT_PWR 323821	28.11 0.75 -1.95	30.22 1.07 -0.23	29.38 1.14 0.00	32.17 1.41 0.00	31.93 1.48 0.00	32.70 1.67 -0.30	33.71 1.66 -5.18	33.41 1.72 -5.91	26.65 1.67 -1.08	31.87 2.19 -0.03	34.23 2.38 0.00	32.23 2.15 0.00	32.58 1.99 -0.04	25.47 1.16 -5.64	30.76 1.76 -1.90	25.63 1.25 -6.29	26.50 0.90 -13.33	46.56 2.25 -15.33	50.80 3.30 -1.97	37.82 1.65 -8.80	35.12 1.48 -6.20	32.59 1.15 -2.88	33.98 1.29 -2.15	30.55 0.71 -8.05
BLUE_CIRC_CHEM_DRP 24182	31.23 0.60 -5.22	30.24 0.71 -0.61	28.92 0.67 0.00	31.38 0.63 0.00	31.11 0.66 0.00	32.24 0.71 -0.80	41.34 0.62 -13.86	42.19 0.58 -15.84	27.38 0.58 -2.90	30.42 0.71 -0.07	32.54 0.69 0.00	30.80 0.71 0.00	31.39 0.73 -0.10	34.18 0.44 -15.07	32.82 0.64 -5.07	37.21 0.41 -18.71	48.20 0.27 -35.66	70.63 0.65 -41.00	51.88 1.08 -5.28	51.59 0.66 -23.56	44.70 0.66 -16.61	36.96 0.70 -7.70	37.04 0.75 -5.74	43.86 0.52 -21.54
BOC_GAS_DRP 24189	31.19 0.56 -5.22	30.18 0.65 -0.61	28.87 0.62 0.00	31.34 0.58 0.00	31.05 0.60 0.00	32.18 0.65 -0.80	41.30 0.57 -13.86	42.16 0.54 -15.84	27.34 0.54 -2.90	30.38 0.67 -0.07	32.51 0.66 0.00	30.75 0.67 0.00	31.35 0.68 -0.10	34.16 0.41 -15.07	32.78 0.60 -5.07	37.18 0.38 -18.71	48.18 0.24 -35.66	70.59 0.60 -41.01	51.80 1.00 -5.28	51.54 0.60 -23.57	44.67 0.62 -16.61	36.92 0.65 -7.70	36.99 0.70 -5.74	43.83 0.49 -21.55
BOONVILLE_115KV_TB1 79983	26.05 0.31 -0.33	29.28 0.32 -0.04	28.61 0.37 0.00	31.28 0.52 0.00	30.98 0.54 0.00	31.33 0.55 -0.05	28.23 0.49 -0.88	27.26 0.47 -1.00	24.47 0.39 -0.18	30.19 0.53 0.00	32.53 0.68 0.00	30.74 0.66 0.00	31.22 0.66 -0.01	20.01 0.38 -0.96	27.96 0.53 -0.32	19.49 0.33 -1.07	14.74 0.21 -2.26	32.15 0.57 -2.60	46.74 0.89 -0.33	29.40 0.54 -1.49	29.01 0.52 -1.05	29.49 0.43 -0.49	31.35 0.44 -0.36	23.39 0.23 -1.36
BORALEX_4TH_BRANCH 23824	31.94 1.31 -5.22	31.05 1.52 -0.60	29.66 1.41 0.00	32.23 1.48 0.00	31.98 1.53 0.00	33.15 1.62 -0.80	42.17 1.46 -13.85	43.05 1.44 -15.83	28.00 1.21 -2.89	31.26 1.54 -0.07	33.46 1.61 0.00	31.60 1.52 0.00	32.32 1.65 -0.10	34.81 1.05 -15.08	33.70 1.52 -5.08	38.06 1.01 -18.96	48.59 0.63 -35.68	71.51 1.52 -41.02	53.27 2.47 -5.28	52.36 1.44 -23.55	45.47 1.43 -16.60	37.79 1.53 -7.69	37.95 1.66 -5.74	44.58 1.25 -21.53
BOWLINE___1 23526	30.56 0.93 -4.23	30.45 1.05 -0.49	29.23 0.98 0.00	31.78 1.02 0.00	31.42 0.98 0.00	32.49 1.11 -0.65	39.18 1.08 -11.23	39.65 1.04 -12.83	27.22 0.97 -2.35	30.97 1.26 -0.06	33.22 1.36 0.00	31.29 1.21 0.00	31.85 1.21 -0.08	31.62 0.72 -12.22	32.26 1.04 -4.11	16.77 0.64 1.96	41.62 0.43 -28.91	63.42 1.21 -33.23	51.77 1.97 -4.28	47.60 1.15 -19.09	42.03 1.14 -13.45	35.91 1.10 -6.23	36.41 1.21 -4.65	40.07 0.82 -17.45
BOWLINE___2 23595	30.56 0.93 -4.23	30.45 1.05 -0.49	29.23 0.98 0.00	31.78 1.02 0.00	31.42 0.98 0.00	32.49 1.11 -0.65	39.18 1.08 -11.23	39.65 1.04 -12.83	27.22 0.98 -2.35	30.97 1.26 -0.06	33.22 1.36 0.00	31.29 1.21 0.00	31.85 1.21 -0.08	31.62 0.72 -12.22	32.26 1.04 -4.11	17.12 0.64 1.61	41.62 0.43 -28.91	63.42 1.21 -33.24	51.78 1.97 -4.28	47.60 1.15 -19.09	42.04 1.14 -13.45	35.91 1.10 -6.23	36.42 1.22 -4.65	40.07 0.82 -17.46
BRADY___115KV_TB2 356060	25.29 -0.33 -0.21	28.38 -0.56 -0.02	27.82 -0.42 0.00	30.87 0.11 0.00	30.46 0.01 0.00	30.30 -0.46 -0.03	26.97 -0.44 -0.55	25.95 -0.45 -0.63	23.12 -0.90 -0.11	28.71 -0.94 0.00	31.09 -0.76 0.00	29.03 -1.06 0.00	29.84 -0.72 0.00	18.71 -0.56 -0.59	26.65 -0.66 -0.20	18.31 -0.44 -0.66	13.43 -0.25 -1.41	29.52 -1.08 -1.62	43.69 -2.04 -0.21	27.49 -0.81 -0.93	27.70 -0.40 -0.66	28.42 -0.45 -0.30	30.35 -0.42 -0.23	22.44 -0.21 -0.85
BRANSCOMB___SOLAR 323811	32.19 1.42 -5.36	31.16 1.62 -0.62	29.71 1.46 0.00	32.41 1.66 0.00	32.12 1.68 0.00	33.31 1.76 -0.82	42.67 1.57 -14.23	43.60 1.55 -16.27	28.18 1.30 -2.98	31.21 1.49 -0.07	33.34 1.49 0.00	31.50 1.41 0.00	32.15 1.49 -0.11	35.13 0.94 -15.51	33.57 1.24 -5.22	38.12 0.82 -19.20	49.53 0.57 -36.69	72.53 1.38 -42.17	53.10 2.15 -5.42	52.84 1.27 -24.21	45.75 1.26 -17.06	37.74 1.26 -7.91	37.85 1.40 -5.90	45.13 1.21 -22.13
BRENTWOD_69_KV_W. BRTWOOD 56703	31.69 1.94 -4.34	31.44 2.01 -0.51	30.09 1.85 0.00	32.80 2.04 0.00	32.45 2.00 0.00	33.59 2.20 -0.67	40.60 2.20 -11.54	41.00 2.05 -13.18	28.12 1.81 -2.41	31.85 2.22 0.01	33.97 2.77 0.65	31.91 2.54 0.71	33.63 2.57 -0.51	34.03 1.60 -13.76	33.54 2.21 -4.22	42.72 1.47 -23.16	63.17 1.01 -49.88	83.19 2.44 -51.77	94.37 4.00 -44.85	106.12 2.42 -76.33	73.04 2.44 -43.17	65.07 2.43 -34.07	38.02 2.69 -4.78	41.47 1.74 -17.93
BRISTLHL_115KV_TB1 79998	25.80 -0.39 -0.78	28.56 -0.45 -0.09	27.81 -0.43 0.00	30.29 -0.47 0.00	29.96 -0.48 0.00	30.35 -0.50 -0.12	28.48 -0.45 -2.07	27.71 -0.44 -2.37	23.96 -0.37 -0.43	29.20 -0.45 -0.01	31.38 -0.47 0.00	29.68 -0.41 0.00	30.12 -0.46 -0.02	20.65 -0.27 -2.25	27.44 -0.43 -0.76	20.33 -0.27 -2.51	17.44 -0.16 -5.33	34.72 -0.38 -6.12	45.69 -0.62 -0.79	30.50 -0.39 -3.52	29.51 -0.40 -2.48	29.31 -0.41 -1.15	30.94 -0.46 -0.86	24.67 -0.33 -3.22
BROOKHAVEN___DRP 24191	31.71 1.96 -4.34	31.45 2.02 -0.51	30.09 1.85 0.00	32.82 2.06 0.00	32.46 2.02 0.00	33.62 2.23 -0.67	40.63 2.23 -11.54	41.05 2.09 -13.18	28.14 1.83 -2.41	31.81 2.19 0.03	33.74 2.72 0.82	31.67 2.49 0.90	33.40 2.53 -0.31	33.83 1.58 -13.57	33.53 2.21 -4.22	42.74 1.49 -23.16	63.36 1.06 -50.02	83.49 2.72 -51.79	94.98 4.45 -45.00	106.51 2.65 -76.49	73.10 2.63 -43.03	65.08 2.64 -33.87	38.14 2.81 -4.78	41.52 1.79 -17.93



BROOKLYN_NAVY_YARD 23515	30.74 0.98 -4.35	30.51 1.08 -0.51	29.24 1.00 0.00	31.78 1.02 0.00	31.42 0.97 0.00	32.51 1.11 -0.67	39.48 1.08 -11.53	40.00 1.04 -13.18	27.33 1.02 -2.41	31.05 1.35 -0.06	33.36 1.51 0.00	31.43 1.34 0.00	32.01 1.36 -0.09	32.03 0.80 -12.56	32.50 1.17 -4.22	42.06 0.73 -23.24	42.45 0.47 -29.70	64.38 1.25 -34.15	51.97 2.06 -4.40	48.22 1.24 -19.61	42.52 1.26 -13.82	36.21 1.23 -6.41	36.67 1.34 -4.78	40.58 0.86 -17.93
BROOKLYN___ARMY_DRP 323595	30.98 1.22 -4.35	30.79 1.37 -0.51	29.52 1.28 0.00	32.09 1.33 0.00	31.72 1.27 0.00	32.82 1.42 -0.67	39.76 1.35 -11.53	40.26 1.30 -13.18	27.56 1.25 -2.41	31.34 1.64 -0.06	33.64 1.79 0.00	31.69 1.61 0.00	32.27 1.63 -0.09	32.20 0.97 -12.56	32.71 1.38 -4.22	42.16 0.86 -23.22	42.53 0.55 -29.70	64.61 1.48 -34.15	52.35 2.43 -4.40	48.46 1.48 -19.61	42.76 1.50 -13.83	36.48 1.50 -6.41	36.92 1.60 -4.78	40.79 1.06 -17.93
BROOKVLE_69_KV_TB1 55790	31.31 1.54 -4.35	31.07 1.65 -0.51	29.76 1.52 0.00	32.40 1.64 0.00	32.06 1.61 0.00	33.17 1.77 -0.67	40.14 1.73 -11.54	40.62 1.65 -13.19	27.81 1.49 -2.42	31.82 1.90 -0.28	36.81 2.29 -2.67	35.11 2.11 -2.92	37.21 2.13 -4.53	37.76 1.28 -17.81	33.13 1.79 -4.24	42.40 1.15 -23.16	57.82 0.76 -44.78	82.32 1.95 -51.39	88.31 3.20 -39.60	99.33 1.89 -70.07	77.53 1.89 -48.20	71.83 1.92 -41.35	37.40 2.07 -4.78	41.10 1.37 -17.93
BROOME_2_LFGE 323671	27.39 0.11 -1.87	29.30 0.16 -0.22	28.41 0.17 0.00	30.98 0.23 0.00	30.65 0.20 0.00	31.23 0.22 -0.29	32.07 0.23 -4.98	31.65 0.18 -5.69	25.12 0.18 -1.04	29.95 0.27 -0.03	32.19 0.33 0.00	30.41 0.32 0.00	30.81 0.21 -0.04	24.19 0.10 -5.42	29.11 0.18 -1.82	24.27 0.13 -6.05	25.18 0.09 -12.82	44.00 0.28 -14.73	47.81 0.39 -1.90	35.98 0.15 -8.46	33.52 0.12 -5.96	31.41 0.07 -2.76	32.69 0.08 -2.06	29.58 0.05 -7.74
BROOME___LFGE 323600	27.39 0.11 -1.87	29.30 0.16 -0.22	28.41 0.17 0.00	30.98 0.23 0.00	30.65 0.20 0.00	31.23 0.22 -0.29	32.07 0.23 -4.98	31.65 0.18 -5.69	25.12 0.18 -1.04	29.95 0.27 -0.03	32.19 0.33 0.00	30.41 0.32 0.00	30.81 0.21 -0.04	24.19 0.10 -5.42	29.11 0.18 -1.82	24.27 0.13 -6.05	25.18 0.09 -12.82	44.00 0.28 -14.73	47.81 0.39 -1.90	35.98 0.15 -8.46	33.52 0.12 -5.96	31.41 0.07 -2.76	32.69 0.08 -2.06	29.58 0.05 -7.74
BROWNFLS_115KV_TB_3_5 80003	25.23 -0.50 -0.32	28.24 -0.72 -0.04	27.66 -0.58 0.00	30.53 -0.23 0.00	30.20 -0.25 0.00	30.29 -0.49 -0.05	27.26 -0.47 -0.86	26.29 -0.48 -0.98	23.36 -0.72 -0.18	28.90 -0.75 0.00	31.24 -0.61 0.00	29.40 -0.68 0.00	30.02 -0.54 -0.01	19.17 -0.44 -0.94	26.79 -0.63 -0.32	18.67 -0.46 -1.04	14.15 -0.33 -2.21	30.63 -0.90 -2.54	44.31 -1.54 -0.33	28.12 -0.71 -1.46	27.95 -0.51 -1.03	28.47 -0.58 -0.48	30.33 -0.58 -0.35	22.70 -0.43 -1.33
BROWNSV1_27_KV_LOAD 356125	31.06 1.31 -4.35	30.87 1.45 -0.51	29.59 1.35 0.00	32.15 1.39 0.00	31.81 1.36 0.00	32.90 1.50 -0.67	39.82 1.42 -11.53	40.33 1.37 -13.18	27.63 1.32 -2.41	31.43 1.72 -0.06	33.78 1.93 0.00	31.84 1.75 0.00	32.43 1.78 -0.09	32.29 1.06 -12.56	32.88 1.55 -4.22	42.30 0.97 -23.24	42.62 0.64 -29.70	64.80 1.67 -34.15	52.64 2.72 -4.40	48.60 1.63 -19.61	42.90 1.64 -13.82	36.60 1.63 -6.41	37.07 1.74 -4.78	40.87 1.15 -17.93
BURROWS___LYONSDAL 23803	25.93 0.17 -0.34	29.11 0.14 -0.04	28.46 0.22 0.00	31.14 0.38 0.00	30.85 0.41 0.00	31.18 0.40 -0.05	28.14 0.35 -0.91	27.16 0.34 -1.04	24.34 0.25 -0.19	30.01 0.35 0.00	32.36 0.51 0.00	30.59 0.51 0.00	31.08 0.51 -0.01	19.94 0.27 -0.99	27.81 0.37 -0.34	19.42 0.22 -1.11	14.75 0.12 -2.36	32.09 0.40 -2.71	46.52 0.65 -0.35	29.33 0.41 -1.56	28.91 0.38 -1.10	29.35 0.27 -0.51	31.19 0.27 -0.38	23.31 0.10 -1.42
CAITHNESS_CC_1 323624	31.62 1.87 -4.34	31.36 1.93 -0.51	30.01 1.77 0.00	32.72 1.96 0.00	32.37 1.92 0.00	33.52 2.13 -0.67	40.54 2.14 -11.54	40.95 1.99 -13.18	28.07 1.76 -2.41	31.72 2.11 0.03	33.67 2.65 0.83	31.60 2.43 0.91	33.32 2.46 -0.31	33.78 1.54 -13.57	33.42 2.10 -4.22	42.68 1.43 -23.16	63.31 1.02 -50.02	83.38 2.61 -51.79	94.80 4.27 -45.01	106.39 2.53 -76.50	72.97 2.50 -43.02	64.96 2.52 -33.86	38.01 2.68 -4.78	41.44 1.71 -17.93
CALPINE BETH_PAGE_GT4 24209	31.33 1.57 -4.35	31.05 1.63 -0.51	29.73 1.48 0.00	32.38 1.63 0.00	32.05 1.60 0.00	33.17 1.77 -0.67	40.18 1.77 -11.54	40.64 1.67 -13.19	27.80 1.49 -2.42	31.69 1.85 -0.19	35.83 2.35 -1.63	34.02 2.15 -1.78	35.79 2.17 -3.06	36.20 1.33 -16.19	33.15 1.82 -4.23	42.37 1.12 -23.16	61.09 0.77 -48.05	82.48 1.98 -51.52	91.57 3.27 -42.78	103.46 1.94 -74.15	74.42 1.91 -45.07	67.23 1.91 -36.75	37.40 2.07 -4.78	41.13 1.40 -17.93
CALPINE_BETH_PAGE_GT_4 323586	31.32 1.56 -4.35	31.05 1.63 -0.51	29.73 1.48 0.00	32.38 1.63 0.00	32.04 1.59 0.00	33.17 1.77 -0.67	40.18 1.77 -11.54	40.63 1.66 -13.19	27.80 1.49 -2.42	31.68 1.84 -0.19	35.84 2.36 -1.63	34.03 2.16 -1.78	35.79 2.18 -3.06	36.20 1.34 -16.19	33.12 1.79 -4.23	42.37 1.12 -23.16	61.09 0.77 -48.05	82.48 1.98 -51.52	91.58 3.28 -42.78	103.47 1.94 -74.15	74.42 1.92 -45.07	67.23 1.91 -36.75	37.40 2.07 -4.78	41.13 1.40 -17.93
CALPINE_BP_GT1 23823	31.32 1.56 -4.35	31.05 1.63 -0.51	29.73 1.48 0.00	32.38 1.63 0.00	32.04 1.59 0.00	33.17 1.77 -0.67	40.18 1.77 -11.54	40.63 1.66 -13.19	27.80 1.49 -2.42	31.68 1.84 -0.19	35.84 2.36 -1.63	34.03 2.16 -1.78	35.79 2.18 -3.06	36.20 1.34 -16.19	33.12 1.79 -4.23	42.37 1.12 -23.16	61.09 0.77 -48.05	82.48 1.98 -51.52	91.58 3.28 -42.78	103.47 1.94 -74.15	74.42 1.92 -45.07	67.23 1.91 -36.75	37.40 2.07 -4.78	41.13 1.40 -17.93
CALSPAN___DRP 24200	26.10 -0.48 -1.18	28.63 -0.43 -0.14	27.92 -0.32 0.00	30.56 -0.19 0.00	30.18 -0.27 0.00	30.53 -0.38 -0.18	29.48 -0.52 -3.13	28.67 -0.68 -3.57	23.83 -0.73 -0.65	29.04 -0.62 -0.02	31.32 -0.53 0.00	29.53 -0.54 0.00	30.05 -0.53 -0.02	21.58 -0.49 -3.41	27.57 -0.69 -1.15	21.37 -0.52 -3.80	20.01 -0.32 -8.06	37.45 -0.80 -9.26	45.69 -1.02 -1.19	31.94 -0.75 -5.32	30.41 -0.78 -3.75	29.39 -0.92 -1.74	30.79 -1.05 -1.30	25.96 -0.70 -4.87
CALVERTON___SOLAR 323806	31.80 2.05 -4.34	31.56 2.14 -0.51	30.20 1.96 0.00	32.94 2.18 0.00	32.58 2.14 0.00	33.75 2.35 -0.67	40.74 2.34 -11.54	41.15 2.19 -13.18	28.24 1.93 -2.41	31.91 2.29 0.03	33.87 2.84 0.82	31.78 2.60 0.90	33.52 2.65 -0.31	33.91 1.66 -13.58	33.60 2.28 -4.22	42.82 1.57 -23.16	63.42 1.13 -50.01	83.65 2.88 -51.79	95.25 4.72 -45.00	106.66 2.80 -76.49	73.24 2.78 -43.03	65.23 2.79 -33.87	38.28 2.95 -4.78	41.62 1.89 -17.93
CANDIGU_WT_PWR 323617	26.51 -0.34 -1.44	28.79 -0.30 -0.17	28.06 -0.19 0.00	30.69 -0.06 0.00	30.36 -0.08 0.00	30.88 -0.07 -0.22	30.67 -0.02 -3.82	30.04 -0.11 -4.37	24.58 -0.12 -0.80	29.62 -0.05 -0.02	31.83 -0.02 0.00	30.06 -0.03 0.00	30.44 -0.15 -0.03	22.66 -0.17 -4.16	28.34 -0.17 -1.40	22.63 -0.11 -4.64	22.07 -0.04 -9.84	40.25 -0.05 -11.31	46.78 -0.20 -1.46	33.46 -0.40 -6.50	31.47 -0.54 -4.58	29.98 -0.71 -2.12	31.37 -0.76 -1.58	27.20 -0.53 -5.94

CARR STREET_E_SYR 24060	26.05 -0.20 -0.84	28.79 -0.23 -0.10	28.02 -0.22 0.00	30.53 -0.22 0.00	30.22 -0.23 0.00	30.62 -0.24 -0.13	28.87 -0.23 -2.23	28.10 -0.22 -2.55	24.18 -0.18 -0.46	29.45 -0.21 -0.01	31.63 -0.22 0.00	29.90 -0.18 0.00	30.35 -0.22 -0.02	20.96 -0.14 -2.43	27.71 -0.21 -0.82	20.68 -0.12 -2.71	17.95 -0.06 -5.74	35.43 -0.14 -6.60	46.13 -0.24 -0.85	30.98 -0.18 -3.79	29.91 -0.20 -2.67	29.61 -0.20 -1.24	31.22 -0.25 -0.92	25.08 -0.18 -3.46
CARTHAGE___PAPER 23857	25.86 -0.03 -0.48	28.81 -0.16 -0.06	28.20 -0.05 0.00	30.96 0.20 0.00	30.70 0.26 0.00	31.03 0.22 -0.07	28.33 0.19 -1.27	27.39 0.15 -1.46	24.13 -0.03 -0.27	29.73 0.07 -0.01	32.13 0.28 0.00	30.42 0.34 0.00	30.92 0.35 -0.01	20.19 0.13 -1.39	27.64 0.07 -0.47	19.68 0.05 -1.55	15.55 0.00 -3.28	32.95 0.20 -3.77	46.41 0.40 -0.48	29.80 0.27 -2.17	29.19 0.23 -1.53	29.36 0.08 -0.71	31.14 0.06 -0.53	23.67 -0.10 -1.98
CASSADAGA_WT_PWR 323784	26.77 0.14 -1.22	29.35 0.28 -0.14	28.66 0.42 0.00	31.41 0.66 0.00	31.04 0.59 0.00	31.46 0.54 -0.19	30.48 0.38 -3.23	29.70 0.24 -3.69	24.73 0.15 -0.68	30.10 0.44 -0.02	32.42 0.57 0.00	30.58 0.50 0.00	31.02 0.43 -0.02	22.29 0.10 -3.51	28.49 0.20 -1.18	22.09 0.08 -3.92	20.66 0.07 -8.31	38.78 0.24 -9.55	47.17 0.42 -1.23	32.73 -0.12 -5.49	31.10 -0.20 -3.87	29.96 -0.41 -1.79	31.36 -0.53 -1.34	26.32 -0.50 -5.02
CE_DUNWOOD___DRP 24194	30.81 1.06 -4.34	30.61 1.19 -0.51	29.35 1.11 0.00	31.90 1.14 0.00	31.56 1.11 0.00	32.64 1.24 -0.67	39.57 1.19 -11.52	40.08 1.14 -13.16	27.39 1.08 -2.41	31.11 1.40 -0.06	33.40 1.55 0.00	31.48 1.40 0.00	32.06 1.42 -0.09	32.05 0.84 -12.53	32.55 1.23 -4.22	42.71 0.77 -23.85	42.44 0.51 -29.65	64.43 1.36 -34.09	52.14 2.23 -4.39	48.27 1.32 -19.58	42.56 1.32 -13.80	36.26 1.30 -6.40	36.73 1.41 -4.77	40.64 0.94 -17.90
CE_MILLWOOD___DRP 24193	30.76 1.03 -4.32	30.56 1.14 -0.50	29.32 1.08 0.00	31.87 1.12 0.00	31.52 1.08 0.00	32.60 1.21 -0.66	39.50 1.16 -11.48	40.00 1.11 -13.12	27.34 1.04 -2.40	31.06 1.35 -0.06	33.34 1.49 0.00	31.43 1.35 0.00	32.01 1.36 -0.09	31.98 0.82 -12.49	32.48 1.17 -4.20	43.11 0.74 -24.28	42.32 0.49 -29.56	64.28 1.32 -33.98	52.04 2.15 -4.37	48.15 1.27 -19.51	42.46 1.27 -13.75	36.19 1.25 -6.38	36.67 1.36 -4.76	40.54 0.91 -17.84
CE_NYC2_DRP 24202	30.87 1.12 -4.35	30.68 1.25 -0.51	29.41 1.17 0.00	31.98 1.22 0.00	31.61 1.16 0.00	32.69 1.29 -0.67	39.63 1.23 -11.53	40.12 1.16 -13.18	27.44 1.12 -2.41	31.18 1.47 -0.06	33.49 1.64 0.00	31.55 1.47 0.00	32.13 0.89 -0.09	32.12 1.29 -12.56	32.62 0.80 -4.22	42.11 0.80 -23.22	42.50 0.52 -29.70	64.53 1.39 -34.15	52.19 2.28 -4.40	48.35 1.37 -19.61	42.64 1.38 -13.83	36.33 1.36 -6.41	36.78 1.45 -4.78	40.69 0.96 -17.93
CE_NYC_DRP 24195	30.82 1.07 -4.35	30.60 1.18 -0.51	29.34 1.10 0.00	31.88 1.13 0.00	31.54 1.09 0.00	32.63 1.23 -0.67	39.58 1.18 -11.53	40.09 1.13 -13.18	27.41 1.10 -2.41	31.15 1.44 -0.06	33.47 1.61 0.00	31.53 1.45 0.00	32.11 1.47 -0.09	32.10 0.88 -12.56	32.60 1.27 -4.22	42.13 0.79 -23.24	42.49 0.51 -29.70	64.49 1.36 -34.15	52.14 2.22 -4.40	48.30 1.32 -19.61	42.60 1.34 -13.82	36.30 1.32 -6.41	36.76 1.43 -4.78	40.66 0.93 -17.93
CHAFFEE___LFGE 323603	26.09 -0.52 -1.20	28.59 -0.47 -0.14	27.87 -0.37 0.00	30.49 -0.27 0.00	30.12 -0.33 0.00	30.48 -0.43 -0.18	29.49 -0.55 -3.18	28.71 -0.71 -3.64	23.82 -0.75 -0.66	29.01 -0.66 -0.02	31.27 -0.58 0.00	29.49 -0.59 0.00	29.98 -0.60 -0.02	21.60 -0.53 -3.46	27.53 -0.74 -1.17	21.41 -0.55 -3.86	20.12 -0.35 -8.19	37.57 -0.82 -9.42	45.68 -1.05 -1.21	31.99 -0.78 -5.41	30.47 -0.79 -3.81	29.41 -0.93 -1.77	30.79 -1.08 -1.32	26.03 -0.71 -4.95
CHATEAUG_35_KV_LOAD 355732	24.96 -0.63 -0.18	28.15 -0.79 -0.02	27.64 -0.60 0.00	30.77 0.01 0.00	30.37 -0.08 0.00	29.99 -0.77 -0.03	26.70 -0.66 -0.49	25.68 -0.65 -0.56	22.89 -1.11 -0.10	28.17 -1.48 0.00	30.44 -1.41 0.00	28.20 -1.88 0.00	29.01 -1.55 0.00	18.07 -1.13 -0.53	25.94 -1.34 -0.18	17.98 -0.70 -0.59	13.16 -0.37 -1.25	28.99 -1.43 -1.44	42.93 -2.78 -0.18	27.00 -1.19 -0.83	27.22 -0.80 -0.58	27.95 -0.88 -0.27	29.82 -0.93 -0.20	22.02 -0.54 -0.76
CHATEAUG_WT_PWR 323614	24.89 -0.69 -0.18	28.11 -0.83 -0.02	27.61 -0.63 0.00	30.74 -0.02 0.00	30.37 -0.07 0.00	29.98 -0.77 -0.03	26.67 -0.67 -0.47	25.65 -0.66 -0.54	22.86 -1.13 -0.10	28.12 -1.53 0.00	30.38 -1.47 0.00	28.12 -1.96 0.00	28.90 -1.66 0.00	17.98 -1.20 -0.51	25.86 -1.41 -0.17	17.93 -0.73 -0.57	13.10 -0.39 -1.21	28.89 -1.48 -1.39	42.82 -2.88 -0.18	26.94 -1.23 -0.80	27.13 -0.88 -0.56	27.89 -0.95 -0.26	29.77 -0.98 -0.19	21.95 -0.57 -0.73
CHAT_HIGH_FALL_HYD 323578	24.96 -0.63 -0.18	28.15 -0.79 -0.02	27.64 -0.60 0.00	30.77 0.01 0.00	30.37 -0.08 0.00	29.99 -0.77 -0.03	26.70 -0.66 -0.49	25.68 -0.65 -0.56	22.89 -1.11 -0.10	28.17 -1.48 0.00	30.44 -1.42 0.00	28.20 -1.88 0.00	29.01 -1.55 0.00	18.07 -1.13 -0.53	25.95 -1.33 -0.18	17.98 -0.70 -0.59	13.16 -0.37 -1.25	28.99 -1.43 -1.44	42.92 -2.79 -0.18	27.00 -1.19 -0.83	27.21 -0.81 -0.58	27.95 -0.88 -0.27	29.84 -0.92 -0.20	22.01 -0.54 -0.76
CHAUTAUQUA___LFGE 323629	26.41 -0.20 -1.21	28.95 -0.11 -0.14	28.23 -0.01 0.00	30.93 0.17 0.00	30.54 0.09 0.00	30.94 0.03 -0.19	30.02 -0.05 -3.20	29.25 -0.19 -3.66	24.31 -0.26 -0.67	29.57 -0.09 -0.02	31.84 -0.01 0.00	30.02 -0.06 0.00	30.46 -0.12 -0.02	21.93 -0.23 -3.49	27.99 -0.28 -1.17	21.75 -0.23 -3.89	20.39 -0.13 -8.25	38.21 -0.24 -9.48	46.43 -0.31 -1.22	32.41 -0.40 -5.44	30.82 -0.45 -3.84	29.71 -0.64 -1.78	31.10 -0.78 -1.33	26.19 -0.58 -4.98
CHERRYST_13_KV_LD 356241	30.89 1.13 -4.35	30.68 1.25 -0.51	29.41 1.17 0.00	31.97 1.21 0.00	31.62 1.17 0.00	32.71 1.32 -0.67	39.65 1.25 -11.53	40.16 1.20 -13.18	27.47 1.16 -2.41	31.24 1.53 -0.06	33.56 1.71 0.00	31.61 1.53 0.00	32.20 1.56 -0.09	32.16 0.93 -12.56	32.68 1.35 -4.22	42.17 0.84 -23.24	42.52 0.55 -29.70	64.57 1.44 -34.15	52.26 2.34 -4.40	48.37 1.39 -19.61	42.67 1.41 -13.82	36.37 1.40 -6.41	36.84 1.51 -4.78	40.71 0.99 -17.93
CHESTROR_138KV_BK263 355645	30.32 0.84 -4.07	30.35 0.95 -0.47	29.14 0.90 0.00	31.69 0.92 0.00	31.35 0.90 0.00	32.36 1.00 -0.62	38.65 0.97 -10.81	39.08 0.94 -12.36	27.04 0.87 -2.26	30.80 1.10 -0.05	33.05 1.20 0.00	31.16 1.08 0.00	31.72 1.08 -0.08	31.08 0.64 -11.77	31.99 0.92 -3.96	21.93 0.59 -3.26	40.52 0.40 -27.85	62.11 1.11 -32.02	51.45 1.81 -4.12	46.81 1.06 -18.39	41.45 1.05 -12.96	35.60 1.02 -6.01	36.15 1.12 -4.48	39.36 0.75 -16.81
CH_MIDHUDSON___DRP 24192	30.97 1.12 -4.45	30.69 1.25 -0.52	29.43 1.19 0.00	31.99 1.23 0.00	31.67 1.23 0.00	32.73 1.32 -0.68	39.90 1.23 -11.81	40.44 1.17 -13.50	27.47 1.10 -2.47	31.12 1.41 -0.06	33.40 1.55 0.00	31.51 1.43 0.00	32.09 1.45 -0.09	32.40 0.88 -12.85	32.71 1.28 -4.33	34.72 0.82 -15.82	43.23 0.55 -30.41	65.37 1.43 -34.96	52.34 2.32 -4.50	48.83 1.38 -20.08	42.97 1.38 -14.15	36.49 1.36 -6.56	36.93 1.49 -4.90	41.15 1.00 -18.36

CH_MISC_IPPS 23765	31.01 1.23 -4.37	30.81 1.38 -0.51	29.56 1.31 0.00	32.14 1.39 0.00	31.80 1.36 0.00	32.87 1.47 -0.67	39.84 1.37 -11.60	40.36 1.32 -13.26	27.55 1.23 -2.43	31.27 1.56 -0.06	33.56 1.71 0.00	31.64 1.56 0.00	32.22 1.58 -0.09	32.25 0.95 -12.63	32.75 1.39 -4.25	33.09 0.91 -14.10	42.77 0.61 -29.88	64.95 1.61 -34.35	52.55 2.60 -4.42	48.64 1.54 -19.73	42.88 1.54 -13.91	36.54 1.52 -6.45	37.00 1.64 -4.81	40.94 1.11 -18.04
CH_RES_BVR_FALLS 23983	25.05 -0.48 -0.12	28.32 -0.61 -0.01	27.71 -0.53 0.00	30.45 -0.30 0.00	30.11 -0.34 0.00	30.13 -0.61 -0.02	26.58 -0.60 -0.32	25.59 -0.55 -0.36	23.26 -0.70 -0.07	28.82 -0.83 0.00	31.10 -0.75 0.00	29.20 -0.88 0.00	29.82 -0.74 0.00	18.52 -0.50 -0.35	26.60 -0.62 -0.12	18.01 -0.46 -0.39	12.77 -0.32 -0.82	28.96 -0.96 -0.94	43.97 -1.67 -0.12	27.07 -0.84 -0.54	27.11 -0.71 -0.38	27.99 -0.76 -0.18	29.93 -0.75 -0.13	21.80 -0.49 -0.49
CH_RES_NIAGARA 23895	25.35 -1.19 -1.13	27.80 -1.25 -0.13	27.12 -1.12 0.00	29.68 -1.08 0.00	29.32 -1.13 0.00	29.58 -1.32 -0.17	28.42 -1.44 -3.00	27.62 -1.59 -3.43	22.95 -1.57 -0.63	28.00 -1.67 -0.02	30.21 -1.65 0.00	28.46 -1.62 0.00	29.03 -1.55 -0.02	20.81 -1.13 -3.26	26.59 -1.61 -1.10	20.55 -1.18 -3.64	19.22 -0.78 -7.72	35.94 -1.91 -8.87	44.01 -2.66 -1.14	30.73 -1.73 -5.10	29.39 -1.64 -3.59	28.45 -1.79 -1.66	29.79 -2.00 -1.24	25.10 -1.36 -4.66
CH_RES_SYRACUSE 23985	26.24 -0.06 -0.89	28.95 -0.08 -0.10	28.18 -0.07 0.00	30.70 -0.06 0.00	30.38 -0.07 0.00	30.79 -0.07 -0.14	29.17 -0.06 -2.37	28.41 -0.07 -2.70	24.35 -0.05 -0.49	29.64 -0.03 -0.01	31.83 -0.02 0.00	30.08 0.00 0.00	30.52 -0.06 -0.02	21.20 -0.05 -2.58	27.90 -0.07 -0.87	20.95 -0.01 -2.88	18.39 0.02 -6.09	36.04 0.05 -7.00	46.47 0.05 -0.90	31.40 0.01 -4.02	30.25 -0.02 -2.84	29.85 -0.03 -1.31	31.48 -0.04 -0.98	25.42 -0.05 -3.68
CLINTON_WT_PWR 323605	24.89 -0.69 -0.18	28.11 -0.83 -0.02	27.61 -0.63 0.00	30.74 -0.02 0.00	30.37 -0.07 0.00	29.98 -0.77 -0.03	26.67 -0.67 -0.47	25.65 -0.66 -0.54	22.86 -1.13 -0.10	28.12 -1.53 0.00	30.38 -1.47 0.00	28.12 -1.96 0.00	28.90 -1.66 0.00	17.98 -1.20 -0.51	25.86 -1.41 -0.17	17.93 -0.73 -0.57	13.10 -0.39 -1.21	28.89 -1.48 -1.39	42.82 -2.88 -0.18	26.94 -1.23 -0.80	27.13 -0.88 -0.56	27.89 -0.95 -0.26	29.77 -0.98 -0.19	21.95 -0.57 -0.73
CLINTON__LFGE 323618	25.32 -0.27 -0.18	28.58 -0.36 -0.02	28.06 -0.18 0.00	31.21 0.46 0.00	30.89 0.45 0.00	30.55 -0.20 -0.03	27.17 -0.17 -0.48	26.16 -0.16 -0.54	23.31 -0.69 -0.10	28.63 -1.02 0.00	30.89 -0.96 0.00	28.63 -1.45 0.00	29.43 -1.13 0.00	18.31 -0.88 -0.52	26.34 -0.94 -0.17	18.27 -0.40 -0.58	13.35 -0.14 -1.22	29.47 -0.91 -1.41	43.75 -1.96 -0.18	27.46 -0.71 -0.81	27.63 -0.37 -0.57	28.40 -0.43 -0.26	30.31 -0.44 -0.20	22.34 -0.19 -0.74
COBBLENY_34_KV_TB1 80064	26.09 -0.51 -1.20	28.59 -0.46 -0.14	27.87 -0.37 0.00	30.50 -0.26 0.00	30.12 -0.33 0.00	30.48 -0.44 -0.18	29.49 -0.56 -3.18	28.71 -0.71 -3.64	23.82 -0.75 -0.66	29.01 -0.65 -0.02	31.28 -0.58 0.00	29.49 -0.59 0.00	29.99 -0.59 -0.02	21.60 -0.53 -3.46	27.53 -0.74 -1.17	21.40 -0.55 -3.86	20.12 -0.35 -8.19	37.57 -0.82 -9.42	45.69 -1.05 -1.21	32.02 -0.76 -5.41	30.46 -0.79 -3.81	29.41 -0.93 -1.77	30.80 -1.07 -1.32	26.03 -0.71 -4.95
COFFEEN__115KV_TB3 355620	25.96 0.01 -0.54	28.86 -0.13 -0.06	28.22 -0.03 0.00	30.94 0.18 0.00	30.70 0.26 0.00	31.09 0.27 -0.08	28.54 0.25 -1.43	27.62 0.21 -1.63	24.23 0.03 -0.30	29.82 0.16 -0.01	32.23 0.38 0.00	30.57 0.49 0.00	31.05 0.48 -0.01	20.42 0.19 -1.55	27.67 0.04 -0.52	19.91 0.08 -1.74	15.99 0.04 -3.68	33.60 0.40 -4.23	46.81 0.74 -0.54	30.22 0.42 -2.43	29.47 0.32 -1.71	29.54 0.18 -0.79	31.26 0.12 -0.59	23.92 -0.09 -2.22
COLDSPRG_115KV_BK1 355956	27.09 0.45 -1.23	29.72 0.66 -0.14	29.01 0.77 0.00	31.76 1.01 0.00	31.41 0.96 0.00	31.80 0.88 -0.19	30.75 0.61 -3.27	29.94 0.42 -3.73	24.93 0.35 -0.68	30.35 0.69 -0.02	32.72 0.87 0.00	30.95 0.87 0.00	31.39 0.80 -0.03	22.56 0.32 -3.56	28.83 0.52 -1.20	22.32 0.26 -3.97	20.86 0.17 -8.41	39.12 0.46 -9.67	47.71 0.95 -1.24	33.22 0.30 -5.55	31.55 0.20 -3.92	30.48 0.10 -1.81	31.96 0.06 -1.35	26.87 0.00 -5.08
COLONIE_LFGE__ 323577	31.70 0.99 -5.30	30.68 1.15 -0.61	29.30 1.06 0.00	31.86 1.11 0.00	31.59 1.15 0.00	32.75 1.21 -0.81	42.01 1.08 -14.07	42.90 1.04 -16.08	27.75 0.91 -2.94	30.84 1.13 -0.07	32.99 1.14 0.00	31.18 1.10 0.00	31.85 1.18 -0.11	34.73 0.74 -15.32	33.31 1.05 -5.16	37.83 0.68 -19.06	48.97 0.45 -36.24	71.74 1.10 -41.66	52.65 1.77 -5.36	52.33 1.04 -23.92	45.32 1.03 -16.86	37.45 1.07 -7.81	37.54 1.16 -5.83	44.56 0.90 -21.87
COOPERNY_115KV_TB1 80082	29.44 0.61 -3.43	30.01 0.69 -0.40	28.90 0.66 0.00	31.43 0.68 0.00	31.11 0.65 0.00	31.98 0.73 -0.53	36.69 0.72 -9.10	36.86 0.69 -10.40	26.45 0.65 -1.90	30.52 0.83 -0.05	32.77 0.91 0.00	30.88 0.81 0.00	31.42 0.79 -0.07	29.04 0.46 -9.91	31.10 0.67 -3.33	24.98 0.42 -6.47	36.00 0.29 -23.43	56.73 0.81 -26.94	50.31 1.32 -3.47	43.61 0.77 -15.47	39.11 0.77 -10.91	34.36 0.74 -5.05	35.13 0.81 -3.77	36.48 0.54 -14.14
COPENHAGEN_WT_PWR 323753	25.71 -0.25 -0.55	28.56 -0.43 -0.06	27.94 -0.30 0.00	30.65 -0.10 0.00	30.42 -0.02 0.00	30.81 0.00 -0.08	28.33 0.00 -1.47	27.40 -0.06 -1.68	24.00 -0.21 -0.31	29.55 -0.10 -0.01	31.95 0.10 0.00	30.27 0.19 0.00	30.70 0.13 -0.01	20.29 0.02 -1.60	27.49 -0.15 -0.54	19.75 -0.12 -1.78	15.92 -0.14 -3.78	33.33 0.00 -4.35	46.27 0.19 -0.56	29.96 0.09 -2.50	29.16 -0.04 -1.76	29.22 -0.17 -0.82	30.93 -0.23 -0.61	23.74 -0.33 -2.29
CORNELL____ 23752	27.39 0.56 -1.42	29.75 0.66 -0.16	28.90 0.66 0.00	31.51 0.75 0.00	31.19 0.74 0.00	31.72 0.77 -0.22	31.35 0.72 -3.76	30.77 0.69 -4.30	25.34 0.66 -0.79	30.52 0.85 -0.02	32.72 0.87 0.00	30.82 0.73 0.00	31.16 0.57 -0.03	23.06 0.29 -4.10	28.95 0.47 -1.38	23.07 0.41 -4.57	22.32 0.35 -9.69	41.06 0.94 -11.14	48.41 1.45 -1.43	34.58 0.81 -6.40	32.70 0.75 -4.51	31.36 0.70 -2.09	32.82 0.72 -1.56	28.11 0.46 -5.85
CORONAAV_69_KV_TB1 355595	31.42 1.63 -4.39	31.16 1.73 -0.51	29.85 1.60 0.00	32.50 1.74 0.00	32.16 1.71 0.00	33.29 1.87 -0.69	40.25 1.83 -11.55	40.72 1.71 -13.23	27.91 1.56 -2.45	32.78 1.96 -1.17	46.88 2.44 -12.59	46.09 2.24 -13.77	47.57 2.25 -14.76	47.00 1.37 -26.95	33.26 1.88 -4.27	42.47 1.22 -23.16	61.51 0.84 -48.40	83.97 2.12 -52.87	93.20 3.47 -44.21	109.72 2.09 -80.26	82.82 2.08 -53.31	76.33 2.06 -45.69	37.53 2.20 -4.78	41.18 1.45 -17.93
CORTLAND_115KV_TB3 80093	26.92 0.29 -1.22	29.42 0.36 -0.14	28.60 0.36 0.00	31.18 0.43 0.00	30.85 0.41 0.00	31.34 0.42 -0.19	30.50 0.40 -3.23	29.85 0.38 -3.69	24.95 0.38 -0.68	30.15 0.49 -0.02	32.37 0.52 0.00	30.55 0.47 0.00	30.94 0.36 -0.02	22.38 0.19 -3.52	28.58 0.30 -1.18	22.26 0.24 -3.93	20.80 0.20 -8.32	39.09 0.54 -9.57	47.57 0.81 -1.23	33.30 0.43 -5.49	31.71 0.40 -3.87	30.73 0.37 -1.80	32.26 0.37 -1.34	27.06 0.24 -5.02

COXSACKIE___GT 23611	32.87 2.49 -4.98	32.35 2.85 -0.58	30.92 2.68 0.00	33.53 2.77 0.00	33.28 2.84 0.00	34.51 3.01 -0.76	42.73 2.64 -13.22	43.49 2.60 -15.11	28.95 2.29 -2.76	32.04 2.33 -0.07	33.90 2.05 0.00	32.21 2.13 0.00	32.95 2.29 -0.10	34.45 1.40 -14.39	34.04 2.09 -4.84	35.78 1.63 -16.06	47.60 1.29 -34.04	71.38 3.26 -39.14	55.72 5.16 -5.04	52.89 3.04 -22.48	46.22 2.93 -15.85	38.93 3.01 -7.34	39.12 3.09 -5.48	44.47 2.12 -20.55
CPV_VALLEY___CC1 323721	29.88 0.64 -3.84	30.09 0.72 -0.45	28.94 0.69 0.00	31.47 0.72 0.00	31.13 0.68 0.00	32.07 0.76 -0.59	37.81 0.75 -10.19	38.14 0.72 -11.64	26.73 0.70 -2.13	30.58 0.88 -0.05	32.81 0.96 0.00	30.93 0.84 0.00	31.50 0.86 -0.08	30.27 0.51 -11.09	31.56 0.72 -3.73	24.44 0.45 -5.90	38.82 0.30 -26.24	60.00 0.86 -30.16	50.80 1.40 -3.88	45.51 0.82 -17.32	40.46 0.81 -12.21	35.01 0.78 -5.66	35.63 0.86 -4.22	38.20 0.57 -15.84
CPV_VALLEY___CC2 323722	29.88 0.64 -3.84	30.09 0.72 -0.45	28.94 0.69 0.00	31.47 0.72 0.00	31.13 0.68 0.00	32.07 0.76 -0.59	37.81 0.75 -10.19	38.14 0.72 -11.64	26.73 0.70 -2.13	30.58 0.88 -0.05	32.81 0.96 0.00	30.93 0.84 0.00	31.50 0.86 -0.08	30.27 0.51 -11.09	31.56 0.72 -3.73	24.44 0.45 -5.90	38.82 0.30 -26.24	60.00 0.86 -30.16	50.80 1.40 -3.88	45.51 0.82 -17.32	40.46 0.81 -12.21	35.01 0.78 -5.66	35.63 0.86 -4.22	38.20 0.57 -15.84
CRESCENT___HYD 24018	31.70 0.99 -5.30	30.68 1.15 -0.61	29.30 1.06 0.00	31.86 1.11 0.00	31.59 1.15 0.00	32.75 1.21 -0.81	42.01 1.08 -14.07	42.90 1.04 -16.08	27.75 0.91 -2.94	30.84 1.13 -0.07	32.99 1.14 0.00	31.18 1.10 0.00	31.85 1.18 -0.11	34.73 0.74 -15.32	33.31 1.05 -5.16	37.83 0.68 -19.06	48.97 0.45 -36.24	71.74 1.10 -41.66	52.65 1.77 -5.36	52.33 1.04 -23.92	45.32 1.03 -16.86	37.45 1.07 -7.81	37.54 1.16 -5.83	44.56 0.90 -21.87
CRICKET___VALLEY_CC1 323756	30.94 0.97 -4.55	30.55 1.10 -0.53	29.29 1.05 0.00	31.82 1.07 0.00	31.50 1.06 0.00	32.55 1.12 -0.70	39.97 1.01 -12.09	40.53 0.93 -13.82	27.32 0.90 -2.53	30.89 1.18 -0.06	33.21 1.35 0.00	31.33 1.25 0.00	31.94 1.29 -0.09	32.63 0.79 -13.16	32.68 1.15 -4.43	37.27 0.71 -18.47	43.87 0.45 -31.14	65.96 1.18 -35.80	52.05 1.92 -4.61	49.08 1.15 -20.56	43.08 1.14 -14.49	36.42 1.14 -6.72	36.86 1.29 -5.01	41.46 0.87 -18.80
CRICKET___VALLEY_CC2 323757	30.94 0.97 -4.55	30.55 1.10 -0.53	29.29 1.05 0.00	31.82 1.07 0.00	31.50 1.06 0.00	32.55 1.12 -0.70	39.97 1.01 -12.09	40.53 0.93 -13.82	27.32 0.90 -2.53	30.89 1.18 -0.06	33.21 1.35 0.00	31.33 1.25 0.00	31.94 1.29 -0.09	32.63 0.79 -13.16	32.68 1.15 -4.43	37.27 0.71 -18.47	43.87 0.45 -31.14	65.96 1.18 -35.80	52.05 1.92 -4.61	49.08 1.15 -20.56	43.08 1.14 -14.49	36.42 1.14 -6.72	36.86 1.29 -5.01	41.46 0.87 -18.80
CRICKET___VALLEY_CC3 323758	30.94 0.97 -4.55	30.55 1.10 -0.53	29.29 1.05 0.00	31.82 1.07 0.00	31.50 1.06 0.00	32.55 1.12 -0.70	39.97 1.01 -12.09	40.53 0.93 -13.82	27.32 0.90 -2.53	30.89 1.18 -0.06	33.21 1.35 0.00	31.33 1.25 0.00	31.94 1.29 -0.09	32.63 0.79 -13.16	32.68 1.15 -4.43	37.27 0.71 -18.47	43.87 0.45 -31.14	65.96 1.18 -35.80	52.05 1.92 -4.61	49.08 1.15 -20.56	43.08 1.14 -14.49	36.42 1.14 -6.72	36.86 1.29 -5.01	41.46 0.87 -18.80
CRUCIBLE_METL_DRP 24180	26.24 -0.06 -0.89	28.95 -0.08 -0.10	28.18 -0.07 0.00	30.70 -0.06 0.00	30.37 -0.07 0.00	30.79 -0.07 -0.14	29.17 -0.06 -2.37	28.41 -0.07 -2.70	24.36 -0.04 -0.49	29.64 -0.03 -0.01	31.83 -0.02 0.00	30.08 0.00 0.00	30.52 -0.05 -0.02	21.21 -0.05 -2.58	27.90 -0.07 -0.87	20.95 -0.01 -2.88	18.39 0.02 -6.09	36.04 0.05 -7.00	46.47 0.04 -0.90	31.40 0.01 -4.02	30.25 -0.02 -2.84	29.85 -0.03 -1.31	31.48 -0.05 -0.98	25.42 -0.05 -3.68
DAHOWA___HYDRO 323763	32.34 1.56 -5.37	31.31 1.76 -0.62	29.81 1.57 0.00	32.57 1.81 0.00	32.28 1.83 0.00	33.49 1.94 -0.82	42.86 1.73 -14.26	43.80 1.71 -16.31	28.32 1.44 -2.98	31.37 1.65 -0.07	33.49 1.64 0.00	31.64 1.56 0.00	32.29 1.62 -0.11	35.24 1.03 -15.54	33.66 1.33 -5.23	38.18 0.86 -19.23	49.65 0.60 -36.77	72.69 1.45 -42.27	53.20 2.25 -5.44	52.94 1.32 -24.25	45.85 1.31 -17.10	37.80 1.30 -7.93	37.91 1.45 -5.91	45.28 1.31 -22.18
DANC___LFGE 323619	25.73 -0.32 -0.64	28.54 -0.45 -0.07	27.87 -0.37 0.00	30.49 -0.27 0.00	30.23 -0.22 0.00	30.62 -0.21 -0.10	28.37 -0.19 -1.70	27.50 -0.21 -1.94	23.98 -0.28 -0.35	29.41 -0.25 -0.01	31.71 -0.14 0.00	30.02 -0.06 0.00	30.46 -0.10 -0.01	20.41 -0.11 -1.85	27.45 -0.27 -0.62	19.96 -0.19 -2.06	16.48 -0.16 -4.37	33.83 -0.17 -5.02	46.00 -0.16 -0.65	30.13 -0.12 -2.88	29.26 -0.21 -2.03	29.23 -0.28 -0.94	30.92 -0.33 -0.70	24.08 -0.35 -2.64
DANSKAMMER___1 23586	31.01 1.23 -4.37	30.81 1.38 -0.51	29.56 1.31 0.00	32.14 1.39 0.00	31.80 1.36 0.00	32.87 1.47 -0.67	39.84 1.37 -11.60	40.36 1.32 -13.26	27.55 1.23 -2.43	31.27 1.56 -0.06	33.56 1.71 0.00	31.64 1.56 0.00	32.22 1.58 -0.09	32.25 0.95 -12.63	32.75 1.39 -4.25	33.09 0.91 -14.10	42.77 0.61 -29.88	64.95 1.61 -34.35	52.55 2.60 -4.42	48.64 1.54 -19.73	42.88 1.54 -13.91	36.54 1.52 -6.45	37.00 1.64 -4.81	40.94 1.11 -18.04
DANSKAMMER___2 23589	31.01 1.23 -4.37	30.81 1.38 -0.51	29.56 1.31 0.00	32.14 1.39 0.00	31.80 1.36 0.00	32.87 1.47 -0.67	39.84 1.37 -11.60	40.36 1.32 -13.26	27.55 1.23 -2.43	31.27 1.56 -0.06	33.56 1.71 0.00	31.64 1.56 0.00	32.22 1.58 -0.09	32.25 0.95 -12.63	32.75 1.39 -4.25	33.09 0.91 -14.10	42.77 0.61 -29.88	64.95 1.61 -34.35	52.55 2.60 -4.42	48.64 1.54 -19.73	42.88 1.54 -13.91	36.54 1.52 -6.45	37.00 1.64 -4.81	40.94 1.11 -18.04
DANSKAMMER___3 23590	31.01 1.23 -4.37	30.81 1.38 -0.51	29.56 1.31 0.00	32.14 1.39 0.00	31.80 1.36 0.00	32.87 1.47 -0.67	39.84 1.37 -11.60	40.36 1.32 -13.26	27.55 1.23 -2.43	31.27 1.56 -0.06	33.56 1.71 0.00	31.64 1.56 0.00	32.22 1.58 -0.09	32.25 0.95 -12.63	32.75 1.39 -4.25	33.09 0.91 -14.10	42.77 0.61 -29.88	64.95 1.61 -34.35	52.55 2.60 -4.42	48.64 1.54 -19.73	42.88 1.54 -13.91	36.54 1.52 -6.45	37.00 1.64 -4.81	40.94 1.11 -18.04
DANSKAMMER___4 23591	31.01 1.23 -4.37	30.81 1.38 -0.51	29.56 1.31 0.00	32.14 1.39 0.00	31.80 1.36 0.00	32.87 1.47 -0.67	39.84 1.37 -11.60	40.36 1.32 -13.26	27.55 1.23 -2.43	31.27 1.56 -0.06	33.56 1.71 0.00	31.64 1.56 0.00	32.22 1.58 -0.09	32.25 0.95 -12.63	32.75 1.39 -4.25	33.09 0.91 -14.10	42.77 0.61 -29.88	64.95 1.61 -34.35	52.55 2.60 -4.42	48.64 1.54 -19.73	42.88 1.54 -13.91	36.54 1.52 -6.45	37.00 1.64 -4.81	40.94 1.11 -18.04
DANSKAMMER___DIESEL 23592	31.01 1.23 -4.37	30.81 1.38 -0.51	29.56 1.31 0.00	32.14 1.38 0.00	31.80 1.36 0.00	32.87 1.47 -0.67	39.84 1.37 -11.60	40.36 1.32 -13.26	27.56 1.23 -2.43	31.26 1.56 -0.06	33.56 1.71 0.00	31.64 1.56 0.00	32.23 1.58 -0.09	32.25 0.95 -12.63	32.75 1.39 -4.25	33.10 0.91 -14.10	42.78 0.62 -29.88	64.95 1.61 -34.35	52.55 2.60 -4.42	48.64 1.54 -19.73	42.88 1.54 -13.91	36.54 1.52 -6.45	37.00 1.64 -4.81	40.94 1.11 -18.04

DARBY___SOLAR 323810	32.22 1.45 -5.36	31.19 1.65 -0.62	29.73 1.49 0.00	32.44 1.69 0.00	32.16 1.71 0.00	33.35 1.79 -0.82	42.71 1.60 -14.24	43.63 1.58 -16.27	28.20 1.33 -2.98	31.25 1.53 -0.07	33.36 1.51 0.00	31.51 1.43 0.00	32.17 1.50 -0.11	35.14 0.95 -15.51	33.57 1.24 -5.22	38.11 0.81 -19.20	49.54 0.57 -36.70	72.52 1.36 -42.18	53.07 2.13 -5.42	52.84 1.26 -24.21	45.74 1.24 -17.06	37.71 1.24 -7.91	37.83 1.38 -5.90	45.15 1.22 -22.13
DASHVILLE___HYD 23610	30.80 0.87 -4.53	30.41 0.96 -0.53	29.16 0.92 0.00	31.71 0.95 0.00	31.38 0.93 0.00	32.46 1.03 -0.70	39.87 0.98 -12.02	40.45 0.94 -13.74	27.30 0.88 -2.51	30.86 1.15 -0.06	33.12 1.27 0.00	31.21 1.13 0.00	31.80 1.15 -0.09	32.44 0.68 -13.08	32.51 1.01 -4.40	33.33 0.64 -14.60	43.65 0.43 -30.95	65.69 1.13 -35.58	51.96 1.85 -4.58	48.92 1.12 -20.43	42.96 1.12 -14.40	36.34 1.10 -6.68	36.74 1.21 -4.98	41.28 0.80 -18.68
DEERFIELD_69_KV_DEERFIELD LD 355887	32.46 2.71 -4.34	32.28 2.85 -0.51	30.90 2.66 0.00	33.71 2.95 0.00	33.36 2.91 0.00	34.54 3.15 -0.67	41.47 3.06 -11.54	41.87 2.91 -13.18	28.88 2.57 -2.41	32.70 3.09 0.03	34.69 3.66 0.82	32.56 3.38 0.90	34.29 3.42 -0.32	34.38 2.13 -13.58	34.34 3.02 -4.22	43.31 2.06 -23.16	63.78 1.49 -50.01	84.58 3.81 -51.79	96.71 6.18 -45.00	107.53 3.68 -76.49	74.12 3.65 -43.03	66.10 3.66 -33.87	39.17 3.85 -4.78	42.23 2.50 -17.93
DELAWARE___LFGE 323621	28.34 0.66 -2.27	29.96 0.78 -0.26	29.01 0.76 0.00	31.60 0.84 0.00	31.28 0.83 0.00	31.97 0.89 -0.35	33.73 0.84 -6.03	33.47 0.80 -6.89	25.93 0.77 -1.26	30.67 1.00 -0.03	32.95 1.10 0.00	31.09 1.01 0.00	31.59 0.98 -0.05	25.80 0.57 -6.56	30.15 0.84 -2.21	25.97 0.55 -7.32	28.18 0.37 -15.53	47.77 0.95 -17.85	49.33 1.51 -2.30	38.49 0.88 -10.25	35.51 0.85 -7.22	32.77 0.85 -3.35	33.95 0.90 -2.50	31.76 0.59 -9.37
DERFIELD_115KV_TB7 355931	25.56 0.02 -0.14	28.96 0.02 -0.02	28.27 0.03 0.00	30.81 0.05 0.00	30.49 0.05 0.00	30.78 0.03 -0.02	27.26 0.03 -0.37	26.24 0.04 -0.42	24.00 0.02 -0.08	29.68 0.03 0.00	31.88 0.03 0.00	30.11 0.03 0.00	30.59 0.03 0.00	19.09 0.02 -0.40	27.29 0.05 -0.13	18.56 0.03 -0.45	13.23 0.01 -0.94	30.07 0.01 -1.08	45.66 0.00 -0.14	27.99 0.00 -0.62	27.89 0.01 -0.44	28.78 0.01 -0.20	30.71 0.01 -0.15	22.37 0.01 -0.57
DOGLEVILLE___HYD 23807	25.96 0.41 -0.14	29.48 0.54 -0.02	28.71 0.46 0.00	31.18 0.43 0.00	30.94 0.50 0.00	31.46 0.71 -0.02	28.02 0.79 -0.37	27.02 0.83 -0.42	24.59 0.61 -0.08	30.19 0.54 0.00	32.17 0.32 0.00	30.44 0.36 0.00	30.99 0.44 0.00	19.53 0.46 -0.40	27.99 0.75 -0.13	19.09 0.56 -0.45	13.60 0.38 -0.94	30.95 0.89 -1.08	47.11 1.45 -0.14	28.84 0.85 -0.62	28.67 0.79 -0.44	29.56 0.79 -0.20	31.53 0.82 -0.15	22.94 0.58 -0.57
DUNKIRK___115KV_TB_200 55889	26.37 -0.24 -1.21	28.91 -0.15 -0.14	28.18 -0.07 0.00	30.88 0.12 0.00	30.47 0.02 0.00	30.88 -0.04 -0.19	29.95 -0.12 -3.20	29.18 -0.25 -3.66	24.26 -0.31 -0.67	29.51 -0.16 -0.02	31.77 -0.08 0.00	29.95 -0.13 0.00	30.39 -0.19 -0.02	21.89 -0.27 -3.48	27.94 -0.34 -1.17	21.71 -0.27 -3.89	20.35 -0.16 -8.24	38.14 -0.32 -9.47	46.32 -0.42 -1.22	32.37 -0.44 -5.44	30.77 -0.50 -3.84	29.67 -0.68 -1.78	31.07 -0.81 -1.33	26.17 -0.59 -4.97
DUNKIRK___1 23563	26.37 -0.24 -1.21	28.91 -0.15 -0.14	28.18 -0.07 0.00	30.88 0.12 0.00	30.47 0.02 0.00	30.88 -0.04 -0.19	29.95 -0.12 -3.20	29.18 -0.25 -3.66	24.26 -0.31 -0.67	29.51 -0.16 -0.02	31.77 -0.08 0.00	29.95 -0.13 0.00	30.39 -0.19 -0.02	21.89 -0.27 -3.48	27.94 -0.34 -1.17	21.71 -0.27 -3.89	20.35 -0.16 -8.24	38.14 -0.32 -9.47	46.32 -0.42 -1.22	32.37 -0.44 -5.44	30.77 -0.50 -3.84	29.67 -0.68 -1.78	31.07 -0.81 -1.33	26.17 -0.59 -4.97
DUNKIRK___2 23564	26.37 -0.24 -1.21	28.91 -0.15 -0.14	28.18 -0.07 0.00	30.88 0.12 0.00	30.47 0.02 0.00	30.88 -0.04 -0.19	29.95 -0.12 -3.20	29.18 -0.25 -3.66	24.26 -0.31 -0.67	29.51 -0.16 -0.02	31.77 -0.08 0.00	29.95 -0.13 0.00	30.39 -0.19 -0.02	21.89 -0.27 -3.48	27.94 -0.34 -1.17	21.71 -0.27 -3.89	20.35 -0.16 -8.24	38.14 -0.32 -9.47	46.32 -0.42 -1.22	32.37 -0.44 -5.44	30.77 -0.50 -3.84	29.67 -0.68 -1.78	31.07 -0.81 -1.33	26.17 -0.59 -4.97
DUNKIRK___3 23565	26.28 -0.33 -1.21	28.81 -0.25 -0.14	28.08 -0.16 0.00	30.77 0.01 0.00	30.37 -0.07 0.00	30.76 -0.15 -0.19	29.84 -0.24 -3.21	29.06 -0.38 -3.67	24.15 -0.42 -0.67	29.36 -0.30 -0.02	31.63 -0.22 0.00	29.86 -0.22 0.00	30.29 -0.30 -0.02	21.83 -0.33 -3.49	27.87 -0.41 -1.17	21.64 -0.34 -3.90	20.31 -0.22 -8.26	37.99 -0.48 -9.49	46.09 -0.65 -1.22	32.25 -0.57 -5.45	30.64 -0.64 -3.84	29.55 -0.80 -1.78	30.97 -0.90 -1.33	26.15 -0.63 -4.98
DUNKIRK___4 23566	26.30 -0.30 -1.19	28.84 -0.22 -0.14	28.12 -0.12 0.00	30.80 0.04 0.00	30.40 -0.04 0.00	30.79 -0.12 -0.18	29.79 -0.24 -3.16	29.01 -0.38 -3.61	24.13 -0.43 -0.66	29.37 -0.30 -0.02	31.65 -0.20 0.00	29.85 -0.23 0.00	30.31 -0.28 -0.02	21.79 -0.33 -3.44	27.84 -0.43 -1.16	21.59 -0.34 -3.84	20.21 -0.21 -8.14	37.88 -0.47 -9.36	46.14 -0.59 -1.21	32.21 -0.53 -5.38	30.64 -0.59 -3.79	29.57 -0.75 -1.76	30.98 -0.88 -1.31	26.09 -0.62 -4.92
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	30.88 1.13 -4.35	30.68 1.26 -0.51	29.42 1.17 0.00	31.98 1.22 0.00	31.63 1.19 0.00	32.71 1.31 -0.67	39.65 1.25 -11.53	40.15 1.19 -13.18	27.44 1.13 -2.41	31.18 1.47 -0.06	33.48 1.63 0.00	31.55 1.47 0.00	32.14 1.49 -0.09	32.12 0.89 -12.56	32.61 1.28 -4.22	42.12 0.81 -23.23	42.51 0.53 -29.70	64.54 1.41 -34.15	52.23 2.32 -4.40	48.35 1.37 -19.61	42.63 1.38 -13.82	36.33 1.36 -6.41	36.80 1.47 -4.78	40.71 0.98 -17.93
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	30.66 1.00 -4.25	30.54 1.13 -0.49	29.31 1.07 0.00	31.87 1.11 0.00	31.53 1.08 0.00	32.57 1.19 -0.65	39.29 1.14 -11.29	39.77 1.09 -12.90	27.28 1.02 -2.36	31.00 1.29 -0.06	33.25 1.40 0.00	31.34 1.26 0.00	31.91 1.27 -0.09	31.72 0.76 -12.29	32.34 1.11 -4.13	29.27 0.71 -10.46	41.83 0.49 -29.07	63.72 1.32 -33.42	51.97 2.14 -4.30	47.82 1.26 -19.19	42.22 1.25 -13.53	36.07 1.22 -6.27	36.56 1.33 -4.68	40.24 0.89 -17.55
E179THST_138_KV_TB4_REV_LBMP_J 345001	30.83 1.08 -4.35	30.65 1.22 -0.51	29.41 1.17 0.00	31.99 1.23 0.00	31.59 1.14 0.00	32.66 1.26 -0.67	39.57 1.17 -11.53	40.06 1.10 -13.18	27.38 1.06 -2.41	31.11 1.41 -0.06	33.41 1.56 0.00	31.47 1.39 0.00	32.06 1.41 -0.09	32.06 0.83 -12.56	32.57 1.24 -4.22	42.07 0.76 -23.22	42.48 0.50 -29.70	64.47 1.34 -34.15	52.09 2.17 -4.40	48.28 1.30 -19.61	42.57 1.31 -13.83	36.27 1.29 -6.41	36.69 1.37 -4.78	40.65 0.92 -17.93
E179THST_13_KV_LOAD 356214	30.93 1.18 -4.35	30.77 1.34 -0.51	29.52 1.28 0.00	32.11 1.35 0.00	31.70 1.26 0.00	32.77 1.37 -0.67	39.67 1.27 -11.53	40.17 1.20 -13.18	27.48 1.17 -2.41	31.24 1.54 -0.06	33.57 1.72 0.00	31.62 1.53 0.00	32.21 1.57 -0.09	32.16 0.93 -12.56	32.70 1.37 -4.22	42.16 0.85 -23.22	42.55 0.57 -29.70	64.61 1.49 -34.15	52.32 2.41 -4.40	48.43 1.45 -19.61	42.71 1.45 -13.83	36.41 1.43 -6.41	36.83 1.50 -4.78	40.75 1.02 -17.93

EAST HAMPTON___GT 23717	32.73 2.98 -4.34	32.59 3.17 -0.51	31.21 2.97 0.00	34.07 3.31 0.00	33.71 3.27 0.00	34.90 3.51 -0.67	41.79 3.39 -11.54	42.18 3.22 -13.18	29.16 2.85 -2.41	33.04 3.42 0.03	35.06 4.03 0.82	32.90 3.72 0.90	34.66 3.78 -0.32	34.60 2.35 -13.58	34.64 3.31 -4.22	43.54 2.29 -23.16	63.95 1.66 -50.01	85.01 4.24 -51.79	97.38 6.86 -45.00	107.94 4.08 -76.49	74.51 4.04 -43.03	66.50 4.05 -33.87	39.56 4.24 -4.78	42.49 2.77 -17.93
EAST RIVER___6 23660	30.83 1.07 -4.35	30.61 1.18 -0.51	29.34 1.10 0.00	31.89 1.13 0.00	31.53 1.09 0.00	32.63 1.23 -0.67	39.57 1.17 -11.53	40.10 1.14 -13.18	27.42 1.11 -2.41	31.17 1.47 -0.06	33.50 1.64 0.00	31.56 1.48 0.00	32.15 1.50 -0.09	32.13 0.90 -12.56	32.63 1.30 -4.22	42.13 0.80 -23.24	42.50 0.52 -29.70	64.49 1.36 -34.15	52.12 2.21 -4.40	48.29 1.31 -19.61	42.60 1.34 -13.82	36.32 1.34 -6.41	36.77 1.44 -4.78	40.65 0.93 -17.93
EAST RIVER___7 23524	30.83 1.07 -4.35	30.61 1.18 -0.51	29.34 1.10 0.00	31.89 1.13 0.00	31.53 1.09 0.00	32.63 1.23 -0.67	39.57 1.17 -11.53	40.10 1.14 -13.18	27.42 1.11 -2.41	31.17 1.47 -0.06	33.50 1.64 0.00	31.56 1.48 0.00	32.15 1.50 -0.09	32.13 0.90 -12.56	32.63 1.30 -4.22	42.13 0.80 -23.24	42.50 0.52 -29.70	64.49 1.36 -34.15	52.12 2.21 -4.40	48.29 1.31 -19.61	42.60 1.34 -13.82	36.32 1.34 -6.41	36.77 1.44 -4.78	40.65 0.93 -17.93
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	30.81 1.06 -4.34	30.61 1.19 -0.51	29.35 1.11 0.00	31.90 1.14 0.00	31.56 1.11 0.00	32.64 1.24 -0.67	39.57 1.19 -11.52	40.08 1.14 -13.16	27.39 1.08 -2.41	31.11 1.40 -0.06	33.40 1.55 0.00	31.48 1.40 0.00	32.06 1.42 -0.09	32.05 0.84 -12.53	32.55 1.23 -4.22	42.71 0.77 -23.85	42.44 0.51 -29.65	64.43 1.36 -34.09	52.14 2.23 -4.39	48.27 1.32 -19.58	42.56 1.32 -13.80	36.26 1.30 -6.40	36.73 1.41 -4.77	40.64 0.94 -17.90
EAST_HAMPTON___DIESEL 23722	32.73 2.98 -4.34	32.59 3.17 -0.51	31.21 2.97 0.00	34.07 3.31 0.00	33.71 3.27 0.00	34.90 3.51 -0.67	41.79 3.39 -11.54	42.18 3.22 -13.18	29.16 2.85 -2.41	33.05 3.43 0.03	35.06 4.03 0.82	32.91 3.73 0.90	34.66 3.79 -0.32	34.60 2.35 -13.58	34.64 3.31 -4.22	43.54 2.29 -23.16	63.96 1.67 -50.01	85.01 4.25 -51.79	97.39 6.87 -45.00	107.94 4.08 -76.49	74.51 4.04 -43.03	66.50 4.05 -33.87	39.57 4.24 -4.78	42.50 2.77 -17.93
EAST_PULASKI___ESR 323781	25.78 -0.34 -0.72	28.57 -0.43 -0.08	27.85 -0.39 0.00	30.39 -0.37 0.00	30.09 -0.36 0.00	30.49 -0.35 -0.11	28.45 -0.32 -1.91	27.64 -0.32 -2.18	23.99 -0.31 -0.40	29.32 -0.34 -0.01	31.54 -0.31 0.00	29.85 -0.23 0.00	30.29 -0.28 -0.01	20.56 -0.19 -2.07	27.46 -0.34 -0.70	20.18 -0.22 -2.32	17.03 -0.16 -4.91	34.34 -0.28 -5.64	45.84 -0.41 -0.73	30.34 -0.27 -3.24	29.42 -0.30 -2.28	29.30 -0.32 -1.06	30.95 -0.38 -0.79	24.44 -0.32 -2.96
EAST_RIVER___1 323558	30.83 1.07 -4.35	30.60 1.18 -0.51	29.34 1.10 0.00	31.88 1.13 0.00	31.54 1.09 0.00	32.63 1.23 -0.67	39.58 1.18 -11.53	40.10 1.14 -13.18	27.41 1.10 -2.41	31.15 1.44 -0.06	33.46 1.61 0.00	31.54 1.45 0.00	32.12 1.48 -0.09	32.10 0.88 -12.56	32.60 1.27 -4.22	42.13 0.79 -23.24	42.49 0.51 -29.70	64.49 1.36 -34.15	52.15 2.23 -4.40	48.30 1.32 -19.61	42.60 1.34 -13.82	36.30 1.32 -6.41	36.76 1.43 -4.78	40.65 0.93 -17.93
EAST_RIVER___2 323559	30.83 1.07 -4.35	30.61 1.18 -0.51	29.34 1.10 0.00	31.89 1.13 0.00	31.53 1.09 0.00	32.63 1.23 -0.67	39.57 1.17 -11.53	40.10 1.14 -13.18	27.42 1.11 -2.41	31.17 1.47 -0.06	33.50 1.64 0.00	31.56 1.48 0.00	32.15 1.50 -0.09	32.13 0.90 -12.56	32.63 1.30 -4.22	42.13 0.80 -23.24	42.50 0.52 -29.70	64.49 1.36 -34.15	52.12 2.21 -4.40	48.29 1.31 -19.61	42.60 1.34 -13.82	36.32 1.34 -6.41	36.77 1.44 -4.78	40.65 0.93 -17.93
EAST___DELAWARE_HYD 23607	30.13 0.71 -4.01	30.16 0.77 -0.46	28.97 0.73 0.00	31.51 0.75 0.00	31.19 0.74 0.00	32.20 0.85 -0.61	38.37 0.87 -10.63	38.77 0.84 -12.15	26.90 0.77 -2.22	30.63 0.93 -0.05	32.86 1.01 0.00	30.90 0.82 0.00	31.39 0.75 -0.08	30.69 0.44 -11.57	31.66 0.66 -3.90	29.13 0.50 -10.54	40.03 0.37 -27.38	61.57 1.11 -31.48	51.43 1.85 -4.05	46.54 1.09 -18.08	41.23 1.05 -12.74	35.50 1.02 -5.91	36.06 1.11 -4.41	39.03 0.71 -16.53
EIGHT_POINT___WT_PWR 323820	26.46 -0.32 -1.37	28.90 -0.18 -0.16	28.17 -0.08 0.00	30.87 0.11 0.00	30.46 0.01 0.00	31.04 0.10 -0.21	30.72 0.21 -3.64	30.06 0.12 -4.16	24.80 0.13 -0.76	29.95 0.28 -0.02	32.13 0.28 0.00	30.29 0.21 0.00	30.70 0.12 -0.03	22.59 -0.05 -3.96	28.46 0.02 -1.33	22.57 0.06 -4.42	21.77 0.11 -9.38	40.07 0.31 -10.78	47.18 0.27 -1.39	33.33 -0.23 -6.19	31.35 -0.45 -4.36	29.87 -0.72 -2.02	31.40 -0.66 -1.51	26.94 -0.51 -5.66
ELBRIDGE_115KV_TB2 80188	26.14 -0.19 -0.92	28.82 -0.21 -0.11	28.04 -0.20 0.00	30.55 -0.21 0.00	30.24 -0.20 0.00	30.65 -0.22 -0.14	29.12 -0.19 -2.44	28.37 -0.19 -2.79	24.25 -0.16 -0.51	29.51 -0.15 -0.01	31.68 -0.17 0.00	29.93 -0.15 0.00	30.36 -0.21 -0.02	21.17 -0.16 -2.65	27.78 -0.21 -0.89	20.96 -0.09 -2.96	18.53 -0.03 -6.28	36.11 -0.09 -7.22	46.28 -0.17 -0.93	31.41 -0.11 -4.15	30.21 -0.15 -2.92	29.76 -0.17 -1.36	31.37 -0.19 -1.01	25.44 -0.14 -3.79
ELEC_TRO_TEK 24086	31.24 1.47 -4.36	30.96 1.54 -0.51	29.66 1.42 0.00	32.29 1.54 0.00	31.95 1.51 0.00	33.08 1.67 -0.67	40.07 1.66 -11.54	40.54 1.56 -13.20	27.74 1.41 -2.43	31.93 1.78 -0.49	39.21 2.26 -5.10	37.73 2.07 -5.58	39.76 2.07 -7.13	40.14 1.26 -20.21	33.07 1.72 -4.24	42.35 1.10 -23.16	57.03 0.74 -44.01	82.08 1.91 -51.19	87.18 3.15 -38.51	98.72 1.87 -69.48	78.79 1.86 -49.49	73.39 1.85 -42.97	37.32 1.99 -4.78	41.04 1.31 -17.93
ELLENBURG_WT_PWR 323604	24.89 -0.69 -0.18	28.11 -0.83 -0.02	27.61 -0.63 0.00	30.74 -0.02 0.00	30.37 -0.07 0.00	29.98 -0.77 -0.03	26.67 -0.67 -0.47	25.65 -0.66 -0.54	22.86 -1.13 -0.10	28.12 -1.53 0.00	30.38 -1.47 0.00	28.12 -1.96 0.00	28.90 -1.66 0.00	17.98 -1.20 -0.51	25.86 -1.41 -0.17	17.93 -0.73 -0.57	13.10 -0.39 -1.21	28.89 -1.48 -1.39	42.82 -2.88 -0.18	26.94 -1.23 -0.80	27.13 -0.88 -0.56	27.89 -0.95 -0.26	29.77 -0.98 -0.19	21.95 -0.57 -0.73
ELM_ST_23_KV_LD_REV_LBMP_A 345012	25.99 -0.58 -1.17	28.52 -0.53 -0.14	27.81 -0.43 0.00	30.45 -0.31 0.00	30.06 -0.39 0.00	30.39 -0.51 -0.18	29.31 -0.66 -3.10	28.51 -0.81 -3.54	23.69 -0.85 -0.65	28.88 -0.78 -0.02	31.15 -0.70 0.00	29.37 -0.71 0.00	29.90 -0.68 -0.02	21.46 -0.58 -3.37	27.42 -0.82 -1.13	21.23 -0.62 -3.76	19.85 -0.39 -7.97	37.17 -0.97 -9.17	45.43 -1.28 -1.18	31.74 -0.89 -5.26	30.24 -0.90 -3.71	29.25 -1.04 -1.72	30.64 -1.19 -1.28	25.82 -0.79 -4.81
EMPIRE_CC_1 323656	31.12 0.65 -5.07	30.27 0.77 -0.59	28.97 0.73 0.00	31.44 0.69 0.00	31.19 0.74 0.00	32.30 0.79 -0.78	41.00 0.68 -13.45	41.75 0.60 -15.37	27.26 0.55 -2.81	30.41 0.69 -0.07	32.55 0.70 0.00	30.77 0.69 0.00	31.41 0.75 -0.10	33.78 0.46 -14.64	32.72 0.68 -4.93	37.17 0.43 -18.66	47.17 0.26 -34.63	69.42 0.63 -39.81	51.71 1.07 -5.12	50.87 0.65 -22.86	44.20 0.65 -16.11	36.74 0.70 -7.47	36.89 0.77 -5.57	43.31 0.62 -20.90

EMPIRE_CC_2 323658	31.12 0.65 -5.07	30.27 0.77 -0.59	28.97 0.73 0.00	31.44 0.69 0.00	31.19 0.74 0.00	32.30 0.79 -0.78	41.00 0.68 -13.45	41.75 0.60 -15.37	27.26 0.55 -2.81	30.41 0.69 -0.07	32.55 0.70 0.00	30.77 0.69 0.00	31.41 0.75 -0.10	33.78 0.46 -14.64	32.72 0.68 -4.93	37.17 0.43 -18.66	47.17 0.26 -34.63	69.42 0.63 -39.81	51.71 1.07 -5.12	50.87 0.65 -22.86	44.20 0.65 -16.11	36.74 0.70 -7.47	36.89 0.77 -5.57	43.31 0.62 -20.90
ENORWICH_115KV_TB1 80156	28.82 1.63 -1.79	31.23 2.11 -0.21	30.33 2.09 0.00	33.21 2.45 0.00	32.92 2.48 0.00	33.62 2.62 -0.27	34.02 2.42 -4.74	33.57 2.38 -5.42	27.13 2.24 -0.99	32.60 2.93 -0.02	34.97 3.12 0.00	32.85 2.77 0.00	33.14 2.55 -0.04	25.31 1.48 -5.16	31.13 2.29 -1.74	25.52 1.67 -5.76	25.70 1.23 -12.20	46.04 3.03 -14.03	51.98 4.65 -1.81	37.96 2.54 -8.05	35.53 2.42 -5.68	33.39 2.19 -2.63	34.83 2.32 -1.96	30.59 1.44 -7.37
ERIE_ST__34_KV_TB1-2 80199	26.15 -0.45 -1.19	28.69 -0.37 -0.14	27.99 -0.26 0.00	30.63 -0.13 0.00	30.25 -0.19 0.00	30.58 -0.33 -0.18	29.51 -0.51 -3.15	28.69 -0.68 -3.60	23.85 -0.70 -0.66	29.10 -0.57 -0.02	31.40 -0.45 0.00	29.66 -0.42 0.00	30.16 -0.43 -0.02	21.66 -0.44 -3.43	27.65 -0.61 -1.15	21.44 -0.47 -3.82	20.07 -0.31 -8.10	37.54 -0.76 -9.32	45.86 -0.86 -1.20	32.03 -0.69 -5.35	30.50 -0.71 -3.77	29.51 -0.81 -1.75	30.90 -0.96 -1.30	26.03 -0.65 -4.89
ERIE_WT_PWR 323693	26.11 -0.48 -1.18	28.63 -0.43 -0.14	27.92 -0.32 0.00	30.55 -0.21 0.00	30.17 -0.27 0.00	30.54 -0.37 -0.18	29.51 -0.49 -3.13	28.69 -0.66 -3.57	23.84 -0.72 -0.65	29.06 -0.60 -0.02	31.32 -0.53 0.00	29.55 -0.53 0.00	30.06 -0.52 -0.02	21.60 -0.48 -3.41	27.59 -0.66 -1.15	21.39 -0.50 -3.80	20.02 -0.32 -8.06	37.46 -0.79 -9.26	45.72 -0.99 -1.19	31.94 -0.75 -5.32	30.44 -0.75 -3.75	29.42 -0.89 -1.74	30.81 -1.03 -1.30	25.97 -0.68 -4.87
ESPRGFLD_115KV_TB1 80157	26.26 1.02 0.16	30.08 1.18 0.02	29.42 1.18 0.00	32.18 1.43 0.00	31.86 1.41 0.00	32.11 1.41 0.03	27.69 1.26 0.43	26.50 1.22 0.49	24.96 1.15 0.09	31.12 1.47 0.00	33.63 1.78 0.00	31.62 1.54 0.00	32.10 1.55 0.00	19.11 0.89 0.46	28.31 1.36 0.15	18.47 0.89 0.51	11.82 0.63 1.09	29.32 1.59 1.25	47.76 2.41 0.16	28.02 1.38 0.73	28.27 1.35 0.52	29.71 1.38 0.24	31.76 1.39 0.18	22.04 0.92 0.67
ETNA_115_KV_TB1_REV_LBMP_C 345029	27.33 0.51 -1.42	29.69 0.61 -0.16	28.84 0.60 0.00	31.45 0.69 0.00	31.13 0.68 0.00	31.65 0.70 -0.22	31.29 0.66 -3.76	30.71 0.63 -4.29	25.29 0.60 -0.79	30.46 0.79 -0.02	32.66 0.81 0.00	30.77 0.69 0.00	31.11 0.52 -0.03	23.03 0.26 -4.09	28.91 0.43 -1.38	23.03 0.38 -4.57	22.29 0.33 -9.68	40.98 0.87 -11.12	48.30 1.35 -1.43	34.50 0.74 -6.39	32.63 0.69 -4.50	31.29 0.63 -2.09	32.76 0.66 -1.56	28.06 0.43 -5.84
ETNA_____115KV_TB2 80207	27.33 0.51 -1.42	29.69 0.61 -0.16	28.84 0.60 0.00	31.45 0.69 0.00	31.13 0.68 0.00	31.65 0.70 -0.22	31.29 0.66 -3.76	30.71 0.63 -4.29	25.29 0.60 -0.79	30.46 0.79 -0.02	32.66 0.81 0.00	30.77 0.69 0.00	31.11 0.52 -0.03	23.03 0.26 -4.09	28.91 0.43 -1.38	23.03 0.38 -4.57	22.29 0.33 -9.68	40.98 0.87 -11.12	48.30 1.35 -1.43	34.50 0.74 -6.39	32.63 0.69 -4.50	31.29 0.63 -2.09	32.76 0.66 -1.56	28.06 0.43 -5.84
EUCLID__115KV_TB2 356179	25.91 -0.32 -0.82	28.64 -0.37 -0.10	27.88 -0.36 0.00	30.39 -0.37 0.00	30.07 -0.38 0.00	30.46 -0.40 -0.13	28.69 -0.36 -2.19	27.92 -0.36 -2.50	24.05 -0.31 -0.46	29.28 -0.38 -0.01	31.45 -0.39 0.00	29.74 -0.35 0.00	30.19 -0.39 -0.02	20.82 -0.24 -2.38	27.54 -0.36 -0.80	20.52 -0.22 -2.66	17.78 -0.13 -5.63	35.14 -0.32 -6.48	45.84 -0.52 -0.83	30.76 -0.33 -3.72	29.72 -0.34 -2.62	29.44 -0.35 -1.22	31.05 -0.40 -0.91	24.91 -0.29 -3.40
E_CANADA_CAP_HY 24051	33.26 1.21 -6.64	31.08 1.39 -0.77	29.62 1.37 0.00	32.40 1.64 0.00	32.06 1.61 0.00	33.34 1.60 -1.02	45.86 1.37 -17.62	47.25 1.33 -20.14	28.79 1.21 -3.68	31.16 1.43 -0.09	33.60 1.75 0.00	31.58 1.50 0.00	32.28 1.59 -0.13	38.85 0.98 -19.20	35.08 1.52 -6.46	40.46 0.94 -21.43	58.38 0.68 -45.42	82.85 1.67 -52.20	54.73 2.49 -6.71	58.78 1.45 -29.96	50.00 1.44 -21.12	39.92 1.56 -9.79	39.43 1.58 -7.30	50.26 1.07 -27.39
E_CANADA_MHWK_HY 24050	25.96 0.41 -0.14	29.48 0.54 -0.02	28.71 0.46 0.00	31.18 0.43 0.00	30.94 0.50 0.00	31.46 0.71 -0.02	28.02 0.79 -0.37	27.02 0.83 -0.42	24.59 0.61 -0.08	30.19 0.54 0.00	32.17 0.32 0.00	30.44 0.36 0.00	30.99 0.44 0.00	19.53 0.46 -0.40	27.99 0.75 -0.13	19.09 0.56 -0.45	13.60 0.38 -0.94	30.95 0.89 -1.08	47.11 1.45 -0.14	28.84 0.85 -0.62	28.67 0.79 -0.44	29.56 0.79 -0.20	31.53 0.82 -0.15	22.94 0.58 -0.57
E_FISHKILL__LBMP 23776	30.80 0.98 -4.42	30.53 1.10 -0.51	29.27 1.03 0.00	31.81 1.06 0.00	31.49 1.04 0.00	32.55 1.14 -0.68	39.67 1.08 -11.73	40.21 1.02 -13.40	27.33 0.97 -2.45	30.96 1.26 -0.06	33.25 1.39 0.00	31.35 1.27 0.00	31.94 1.29 -0.09	32.22 0.78 -12.77	32.53 1.13 -4.30	36.04 0.70 -17.24	42.94 0.46 -30.20	64.93 1.23 -34.72	52.00 2.00 -4.47	48.50 1.19 -19.94	42.68 1.19 -14.06	36.26 1.18 -6.51	36.70 1.29 -4.86	40.89 0.87 -18.23
FALCON__SEABRD_CC1 323796	25.24 -0.35 -0.18	28.51 -0.43 -0.02	27.98 -0.26 0.00	31.15 0.39 0.00	30.84 0.40 0.00	30.51 -0.25 -0.03	27.12 -0.22 -0.47	26.09 -0.23 -0.54	23.24 -0.76 -0.10	28.53 -1.12 0.00	30.80 -1.05 0.00	28.57 -1.51 0.00	29.34 -1.22 0.00	18.28 -0.91 -0.51	26.27 -1.00 -0.17	18.22 -0.45 -0.57	13.31 -0.18 -1.22	29.36 -1.02 -1.40	43.57 -2.13 -0.18	27.36 -0.82 -0.80	27.53 -0.47 -0.57	28.31 -0.52 -0.26	30.23 -0.51 -0.20	22.29 -0.24 -0.73
FALCON__SEABRD_CC2 323797	25.24 -0.35 -0.18	28.51 -0.43 -0.02	27.98 -0.26 0.00	31.15 0.39 0.00	30.84 0.40 0.00	30.51 -0.25 -0.03	27.12 -0.22 -0.47	26.09 -0.23 -0.54	23.24 -0.76 -0.10	28.53 -1.12 0.00	30.80 -1.05 0.00	28.57 -1.51 0.00	29.34 -1.22 0.00	18.28 -0.91 -0.51	26.27 -1.00 -0.17	18.22 -0.45 -0.57	13.31 -0.18 -1.22	29.36 -1.02 -1.40	43.57 -2.13 -0.18	27.36 -0.82 -0.80	27.53 -0.47 -0.57	28.31 -0.52 -0.26	30.23 -0.51 -0.20	22.29 -0.24 -0.73
FAR ROCKAWAY__4 23548	31.64 1.84 -4.39	31.38 1.96 -0.51	30.07 1.83 0.00	32.76 2.00 0.00	32.40 1.95 0.00	33.54 2.12 -0.69	40.48 2.06 -11.55	40.94 1.92 -13.24	28.11 1.75 -2.45	33.10 2.21 -1.25	47.98 2.72 -13.40	47.25 2.50 -14.67	48.49 2.53 -15.41	47.59 1.53 -27.39	33.50 2.11 -4.28	42.63 1.38 -23.16	60.93 0.95 -47.71	82.72 2.29 -51.45	91.04 3.77 -41.75	106.80 2.33 -77.10	80.17 2.36 -50.38	73.39 2.33 -42.49	37.80 2.47 -4.78	41.36 1.63 -17.93
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	30.85 1.10 -4.35	30.64 1.21 -0.51	29.37 1.13 0.00	31.92 1.16 0.00	31.57 1.12 0.00	32.66 1.26 -0.67	39.61 1.21 -11.53	40.13 1.17 -13.18	27.43 1.12 -2.41	31.18 1.47 -0.06	33.50 1.65 0.00	31.56 1.48 0.00	32.14 1.50 -0.09	32.12 0.89 -12.56	32.63 1.30 -4.22	42.14 0.81 -23.24	42.50 0.52 -29.70	64.52 1.39 -34.15	52.19 2.27 -4.40	48.33 1.35 -19.61	42.63 1.37 -13.82	36.33 1.35 -6.41	36.79 1.46 -4.78	40.68 0.96 -17.93

FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	30.86 1.11 -4.35	30.65 1.23 -0.51	29.38 1.14 0.00	31.94 1.18 0.00	31.59 1.14 0.00	32.67 1.28 -0.67	39.63 1.22 -11.53	40.14 1.18 -13.18	27.44 1.13 -2.41	31.19 1.48 -0.06	33.51 1.66 0.00	31.58 1.50 0.00	32.16 1.52 -0.09	32.13 0.90 -12.56	32.64 1.31 -4.22	42.15 0.82 -23.24	42.51 0.53 -29.70	64.54 1.41 -34.15	52.21 2.30 -4.40	48.35 1.37 -19.61	42.65 1.39 -13.82	36.35 1.37 -6.41	36.81 1.48 -4.78	40.69 0.97 -17.93
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	30.84 1.08 -4.35	30.62 1.20 -0.51	29.35 1.11 0.00	31.91 1.15 0.00	31.55 1.11 0.00	32.65 1.25 -0.67	39.60 1.20 -11.53	40.12 1.15 -13.18	27.42 1.11 -2.41	31.16 1.45 -0.06	33.47 1.62 0.00	31.55 1.46 0.00	32.13 1.48 -0.09	32.11 0.88 -12.56	32.61 1.28 -4.22	42.13 0.80 -23.24	42.49 0.51 -29.70	64.50 1.37 -34.15	52.16 2.24 -4.40	48.31 1.33 -19.61	42.62 1.36 -13.82	36.32 1.34 -6.41	36.77 1.45 -4.78	40.67 0.94 -17.93
FARRAGUT___LBMP 323566	30.82 1.06 -4.35	30.60 1.18 -0.51	29.34 1.10 0.00	31.88 1.13 0.00	31.53 1.09 0.00	32.62 1.23 -0.67	39.57 1.17 -11.53	40.09 1.13 -13.18	27.40 1.09 -2.41	31.15 1.44 -0.06	33.45 1.60 0.00	31.52 1.44 0.00	32.10 1.46 -0.09	32.10 0.87 -12.56	32.59 1.26 -4.22	42.11 0.78 -23.24	42.49 0.51 -29.70	64.48 1.35 -34.15	52.12 2.21 -4.40	48.29 1.31 -19.61	42.59 1.33 -13.82	36.29 1.31 -6.41	36.75 1.42 -4.78	40.65 0.93 -17.93
FENNER___WINDPWR 24204	26.66 0.37 -0.87	29.51 0.49 -0.10	28.78 0.54 0.00	31.40 0.64 0.00	31.08 0.63 0.00	31.51 0.64 -0.14	29.77 0.58 -2.32	28.99 0.56 -2.65	24.91 0.53 -0.49	30.35 0.69 -0.01	32.62 0.77 0.00	30.81 0.72 0.00	31.27 0.69 -0.02	21.61 0.41 -2.53	28.57 0.61 -0.85	21.34 0.43 -2.82	18.56 0.30 -5.98	36.59 0.73 -6.87	47.48 1.08 -0.88	31.91 0.59 -3.95	30.78 0.56 -2.78	30.37 0.51 -1.29	32.02 0.51 -0.96	25.74 0.33 -3.61
FIBERTEK___ENERGY 23856	26.24 -0.06 -0.89	28.95 -0.08 -0.10	28.18 -0.07 0.00	30.70 -0.06 0.00	30.37 -0.07 0.00	30.79 -0.07 -0.14	29.17 -0.06 -2.37	28.41 -0.07 -2.70	24.36 -0.04 -0.49	29.64 -0.03 -0.01	31.83 -0.02 0.00	30.08 0.00 0.00	30.52 -0.05 -0.02	21.21 -0.05 -2.58	27.90 -0.07 -0.87	20.95 -0.01 -2.88	18.39 0.02 -6.09	36.04 0.05 -7.00	46.47 0.04 -0.90	31.40 0.01 -4.02	30.25 -0.02 -2.84	29.85 -0.03 -1.31	31.48 -0.05 -0.98	25.42 -0.05 -3.68
FITZPATRICK____ 23598	25.39 -0.67 -0.65	28.23 -0.77 -0.08	27.51 -0.73 0.00	29.96 -0.80 0.00	29.65 -0.80 0.00	30.00 -0.83 -0.10	27.85 -0.75 -1.73	27.04 -0.72 -1.98	23.61 -0.65 -0.36	28.84 -0.82 -0.01	30.96 -0.89 0.00	29.27 -0.81 0.00	29.71 -0.86 -0.01	20.05 -0.51 -1.88	26.99 -0.75 -0.63	19.71 -0.48 -2.10	16.42 -0.31 -4.45	33.33 -0.78 -5.12	44.94 -1.24 -0.66	29.56 -0.75 -2.94	28.76 -0.75 -2.07	28.77 -0.76 -0.96	30.44 -0.82 -0.72	23.90 -0.58 -2.69
FLOWRFLD_69_KV_BK1 356044	31.68 1.93 -4.34	31.41 1.99 -0.51	30.06 1.82 0.00	32.76 2.01 0.00	32.42 1.97 0.00	33.56 2.17 -0.67	40.58 2.17 -11.54	41.00 2.05 -13.18	28.12 1.81 -2.41	31.83 2.20 0.03	33.83 2.76 0.78	31.76 2.53 0.85	33.46 2.54 -0.36	33.89 1.59 -13.62	33.54 2.21 -4.22	42.73 1.48 -23.16	63.30 1.05 -49.97	83.45 2.69 -51.78	94.87 4.39 -44.96	106.40 2.60 -76.44	73.10 2.59 -43.07	65.07 2.57 -33.93	38.07 2.74 -4.78	41.48 1.75 -17.93
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	31.07 1.28 -4.38	30.87 1.44 -0.51	29.61 1.37 0.00	32.20 1.45 0.00	31.86 1.42 0.00	32.93 1.53 -0.67	39.93 1.43 -11.63	40.45 1.37 -13.29	27.61 1.28 -2.43	31.33 1.62 -0.06	33.63 1.77 0.00	31.72 1.64 0.00	32.29 1.65 -0.09	32.33 0.99 -12.66	32.82 1.46 -4.26	33.18 0.95 -14.13	42.87 0.65 -29.95	65.10 1.68 -34.43	52.68 2.72 -4.43	48.75 1.61 -19.77	42.98 1.60 -13.94	36.62 1.59 -6.46	37.09 1.72 -4.82	41.03 1.15 -18.08
FORT ORANGE____ 23900	31.42 0.80 -5.21	30.49 0.96 -0.60	29.13 0.89 0.00	31.58 0.82 0.00	31.31 0.86 0.00	32.46 0.93 -0.80	41.47 0.78 -13.82	42.34 0.76 -15.80	27.55 0.76 -2.89	30.57 0.85 -0.07	32.59 0.74 0.00	30.91 0.83 0.00	31.52 0.86 -0.10	34.23 0.52 -15.04	32.95 0.79 -5.06	37.26 0.53 -18.64	48.24 0.38 -35.59	70.81 0.92 -40.92	52.28 1.49 -5.27	51.76 0.89 -23.50	44.90 0.90 -16.57	37.19 0.94 -7.68	37.25 0.97 -5.73	43.95 0.66 -21.49
FORT_DRUM_COGEN 23780	25.78 -0.14 -0.52	28.68 -0.30 -0.06	28.06 -0.18 0.00	30.78 0.02 0.00	30.53 0.09 0.00	30.90 0.09 -0.08	28.34 0.09 -1.38	27.40 0.04 -1.58	24.07 -0.12 -0.29	29.63 -0.02 -0.01	32.03 0.18 0.00	30.35 0.27 0.00	30.82 0.25 -0.01	20.25 0.07 -1.50	27.54 -0.07 -0.51	19.73 -0.04 -1.68	15.77 -0.06 -3.55	33.21 0.14 -4.09	46.39 0.34 -0.53	29.92 0.20 -2.35	29.20 0.11 -1.65	29.31 -0.02 -0.77	31.04 -0.08 -0.57	23.72 -0.22 -2.14
FOX_HILLS___ESR 323835	30.96 1.21 -4.35	30.78 1.35 -0.51	29.52 1.27 0.00	32.08 1.32 0.00	31.71 1.27 0.00	32.81 1.41 -0.67	39.76 1.35 -11.53	40.27 1.30 -13.18	27.56 1.25 -2.41	31.33 1.62 -0.06	33.61 1.76 0.00	31.65 1.57 0.00	32.24 1.60 -0.09	32.18 0.95 -12.56	32.63 1.31 -4.22	42.12 0.81 -23.22	42.50 0.51 -29.70	64.54 1.41 -34.15	52.27 2.35 -4.40	48.41 1.43 -19.61	42.72 1.46 -13.83	36.44 1.46 -6.41	36.89 1.56 -4.78	40.77 1.04 -17.93
FPL_FAR_ROCK_GT1 24212	31.62 1.82 -4.39	31.38 1.95 -0.51	30.07 1.83 0.00	32.75 2.00 0.00	32.40 1.96 0.00	33.54 2.12 -0.69	40.48 2.06 -11.55	40.92 1.91 -13.24	28.10 1.75 -2.45	33.09 2.19 -1.25	47.97 2.71 -13.40	47.24 2.50 -14.67	48.49 2.52 -15.41	47.59 1.53 -27.39	33.46 2.08 -4.28	42.63 1.38 -23.16	60.93 0.94 -47.71	82.73 2.30 -51.45	91.03 3.75 -41.75	106.78 2.31 -77.10	80.18 2.36 -50.38	73.39 2.33 -42.49	37.82 2.49 -4.78	41.36 1.63 -17.93
FPL_FAR_ROCK_GT2 23815	31.62 1.82 -4.39	31.38 1.95 -0.51	30.07 1.83 0.00	32.75 2.00 0.00	32.40 1.96 0.00	33.54 2.12 -0.69	40.48 2.06 -11.55	40.92 1.91 -13.24	28.10 1.75 -2.45	33.09 2.19 -1.25	47.97 2.71 -13.40	47.24 2.50 -14.67	48.49 2.52 -15.41	47.59 1.53 -27.39	33.46 2.08 -4.28	42.63 1.38 -23.16	60.93 0.94 -47.71	82.73 2.30 -51.45	91.03 3.75 -41.75	106.78 2.31 -77.10	80.18 2.36 -50.38	73.39 2.33 -42.49	37.82 2.49 -4.78	41.36 1.63 -17.93
FRANKLIN_FALL_HYD 24054	25.32 -0.29 -0.20	28.52 -0.43 -0.02	27.98 -0.26 0.00	31.10 0.35 0.00	30.72 0.27 0.00	30.42 -0.34 -0.03	27.09 -0.30 -0.52	26.09 -0.29 -0.60	23.25 -0.76 -0.11	28.69 -0.96 0.00	30.99 -0.86 0.00	28.79 -1.29 0.00	29.57 -0.99 0.00	18.46 -0.79 -0.57	26.42 -0.87 -0.19	18.27 -0.46 -0.64	13.41 -0.22 -1.35	29.49 -1.05 -1.56	43.60 -2.13 -0.20	27.43 -0.83 -0.89	27.63 -0.44 -0.63	28.36 -0.50 -0.29	30.25 -0.52 -0.22	22.35 -0.26 -0.82
FREEPORT_EQUS_GT1 23764	31.39 1.62 -4.36	31.13 1.71 -0.51	29.81 1.57 0.00	32.47 1.72 0.00	32.13 1.68 0.00	33.26 1.85 -0.67	40.25 1.84 -11.54	40.70 1.72 -13.20	27.88 1.56 -2.42	32.01 1.93 -0.43	38.58 2.44 -4.29	37.02 2.24 -4.70	38.69 2.26 -5.87	38.80 1.38 -18.75	33.20 1.86 -4.24	42.46 1.21 -23.16	60.36 0.80 -47.29	82.16 1.99 -51.19	90.42 3.35 -41.55	102.71 2.00 -73.34	75.33 1.94 -45.96	68.51 2.03 -37.90	37.57 2.24 -4.78	41.20 1.47 -17.93



FREEPORT___CT2 23818	31.39 1.62 -4.36	31.13 1.71 -0.51	29.81 1.57 0.00	32.47 1.72 0.00	32.13 1.68 0.00	33.26 1.85 -0.67	40.25 1.84 -11.54	40.70 1.72 -13.20	27.88 1.56 -2.42	32.01 1.93 -0.43	38.58 2.44 -4.29	37.02 2.24 -4.70	38.69 2.26 -5.87	38.80 1.38 -18.75	33.20 1.86 -4.24	42.46 1.21 -23.16	60.36 0.80 -47.29	82.16 1.99 -51.19	90.42 3.35 -41.55	102.71 2.00 -73.34	75.33 1.94 -45.96	68.51 2.03 -37.90	37.57 2.24 -4.78	41.20 1.47 -17.93
FRESHKLS_33_KV_LOAD 356253	30.99 1.24 -4.35	30.82 1.39 -0.51	29.55 1.31 0.00	32.12 1.36 0.00	31.75 1.31 0.00	32.85 1.46 -0.67	39.80 1.40 -11.53	40.31 1.35 -13.18	27.60 1.29 -2.41	31.36 1.65 -0.06	33.62 1.77 0.00	31.66 1.58 0.00	32.25 1.61 -0.09	32.18 0.95 -12.56	32.60 1.27 -4.22	42.09 0.79 -23.22	42.49 0.51 -29.70	64.56 1.43 -34.15	52.31 2.39 -4.40	48.43 1.44 -19.61	42.73 1.47 -13.83	36.45 1.47 -6.41	36.90 1.57 -4.78	40.78 1.06 -17.93
FULTON COGEN____ 23766	25.80 -0.39 -0.78	28.56 -0.45 -0.09	27.81 -0.43 0.00	30.29 -0.47 0.00	29.96 -0.48 0.00	30.35 -0.50 -0.12	28.48 -0.45 -2.07	27.71 -0.44 -2.37	23.96 -0.37 -0.43	29.20 -0.45 -0.01	31.38 -0.47 0.00	29.68 -0.41 0.00	30.12 -0.46 -0.02	20.65 -0.27 -2.25	27.44 -0.43 -0.76	20.33 -0.27 -2.51	17.44 -0.16 -5.33	34.72 -0.38 -6.12	45.69 -0.62 -0.79	30.50 -0.39 -3.52	29.51 -0.40 -2.48	29.31 -0.41 -1.15	30.94 -0.46 -0.86	24.67 -0.33 -3.22
FULTON___LFGE 323630	33.49 1.82 -6.26	31.72 2.08 -0.73	30.23 1.99 0.00	32.97 2.21 0.00	32.59 2.15 0.00	33.98 2.29 -0.96	45.50 2.02 -16.61	46.67 1.90 -18.99	28.57 1.20 -3.47	30.49 0.76 -0.08	32.77 0.92 0.00	30.76 0.68 0.00	31.94 1.26 -0.13	37.96 1.19 -18.10	35.21 2.02 -6.09	39.69 1.40 -20.21	56.15 1.05 -42.82	80.60 2.40 -49.22	55.40 3.54 -6.33	57.72 2.11 -28.24	49.42 2.08 -19.91	39.91 2.11 -9.23	39.66 2.22 -6.88	49.14 1.53 -25.83
G.F.CEMENT___DRP 24184	32.64 1.83 -5.39	31.61 2.07 -0.62	30.04 1.81 0.00	32.93 2.17 0.00	32.63 2.18 0.00	33.85 2.30 -0.83	43.22 2.04 -14.31	44.18 2.04 -16.36	28.61 1.72 -2.99	31.69 1.97 -0.07	33.81 1.95 0.00	31.93 1.85 0.00	32.56 1.89 -0.11	35.45 1.18 -15.60	33.76 1.41 -5.25	38.22 0.86 -19.27	49.78 0.60 -36.90	72.84 1.45 -42.41	53.18 2.20 -5.45	53.00 1.30 -24.34	45.89 1.30 -17.16	37.78 1.25 -7.95	37.92 1.43 -5.93	45.51 1.47 -22.25
GARDENVILLE___LBMP 24039	26.06 -0.53 -1.18	28.58 -0.47 -0.14	27.87 -0.37 0.00	30.52 -0.24 0.00	30.13 -0.31 0.00	30.47 -0.44 -0.18	29.43 -0.57 -3.13	28.62 -0.74 -3.58	23.78 -0.78 -0.65	28.98 -0.68 -0.02	31.25 -0.60 0.00	29.47 -0.60 0.00	29.99 -0.59 -0.02	21.55 -0.53 -3.41	27.51 -0.74 -1.15	21.33 -0.56 -3.80	19.98 -0.36 -8.06	37.37 -0.88 -9.27	45.60 -1.12 -1.19	31.87 -0.82 -5.32	30.34 -0.84 -3.75	29.32 -0.99 -1.74	30.72 -1.12 -1.30	25.91 -0.75 -4.87
GARDNVLA_35_KV_LD 355827	26.14 -0.44 -1.18	28.68 -0.38 -0.14	27.96 -0.29 0.00	30.61 -0.15 0.00	30.22 -0.23 0.00	30.57 -0.34 -0.18	29.53 -0.46 -3.13	28.73 -0.63 -3.57	23.87 -0.69 -0.65	29.09 -0.57 -0.02	31.37 -0.48 0.00	29.59 -0.49 0.00	30.10 -0.48 -0.02	21.62 -0.46 -3.41	27.62 -0.64 -1.15	21.41 -0.48 -3.80	20.03 -0.30 -8.06	37.51 -0.74 -9.26	45.80 -0.92 -1.19	32.00 -0.69 -5.32	30.47 -0.72 -3.75	29.45 -0.86 -1.74	30.85 -1.00 -1.30	26.00 -0.66 -4.87
GELCKHM___115KV_LOAD 80723	26.03 -0.23 -0.85	28.75 -0.27 -0.10	27.99 -0.26 0.00	30.49 -0.27 0.00	30.17 -0.27 0.00	30.58 -0.28 -0.13	28.88 -0.25 -2.26	28.11 -0.25 -2.58	24.16 -0.21 -0.47	29.41 -0.25 -0.01	31.59 -0.26 0.00	29.86 -0.22 0.00	30.31 -0.26 -0.02	20.97 -0.16 -2.46	27.67 -0.26 -0.83	20.69 -0.14 -2.75	18.02 -0.08 -5.82	35.49 -0.18 -6.69	46.07 -0.31 -0.86	31.01 -0.21 -3.84	29.92 -0.22 -2.71	29.59 -0.24 -1.26	31.21 -0.28 -0.94	25.11 -0.20 -3.51
GENERAL___MILLS 23808	26.10 -0.48 -1.18	28.63 -0.43 -0.14	27.92 -0.32 0.00	30.56 -0.19 0.00	30.18 -0.27 0.00	30.53 -0.38 -0.18	29.48 -0.52 -3.13	28.67 -0.68 -3.57	23.83 -0.73 -0.65	29.04 -0.62 -0.02	31.32 -0.53 0.00	29.53 -0.54 0.00	30.05 -0.53 -0.02	21.58 -0.49 -3.41	27.57 -0.69 -1.15	21.37 -0.52 -3.80	20.01 -0.32 -8.06	37.45 -0.80 -9.26	45.69 -1.02 -1.19	31.94 -0.75 -5.32	30.41 -0.78 -3.75	29.39 -0.92 -1.74	30.79 -1.05 -1.30	25.96 -0.70 -4.87
GE_PLASTICS___DRP 24183	31.23 0.60 -5.22	30.24 0.72 -0.60	28.92 0.68 0.00	31.37 0.62 0.00	31.10 0.65 0.00	32.23 0.70 -0.80	41.31 0.60 -13.84	42.17 0.57 -15.82	27.38 0.58 -2.89	30.42 0.70 -0.07	32.51 0.66 0.00	30.79 0.70 0.00	31.38 0.71 -0.10	34.17 0.43 -15.06	32.81 0.64 -5.07	37.18 0.41 -18.69	48.18 0.27 -35.64	70.61 0.65 -40.97	51.89 1.09 -5.28	51.57 0.66 -23.54	44.69 0.66 -16.59	36.96 0.70 -7.69	37.03 0.74 -5.74	43.83 0.51 -21.53
GILBOA___1 23756	30.34 0.59 -4.34	30.09 0.67 -0.51	28.88 0.63 0.00	31.41 0.65 0.00	31.10 0.65 0.00	32.11 0.71 -0.67	39.04 0.64 -11.53	39.57 0.62 -13.17	26.90 0.59 -2.41	30.44 0.74 -0.06	32.64 0.79 0.00	30.83 0.74 0.00	31.39 0.75 -0.09	31.67 0.45 -12.55	31.98 0.66 -4.22	32.51 0.42 -14.01	42.22 0.26 -29.68	63.70 0.59 -34.12	50.89 0.97 -4.39	47.59 0.62 -19.60	41.88 0.62 -13.82	35.65 0.67 -6.40	36.06 0.73 -4.78	40.23 0.51 -17.92
GILBOA___2 23757	30.34 0.59 -4.34	30.09 0.67 -0.51	28.88 0.63 0.00	31.41 0.65 0.00	31.10 0.65 0.00	32.11 0.71 -0.67	39.04 0.64 -11.53	39.57 0.62 -13.17	26.90 0.59 -2.41	30.44 0.74 -0.06	32.64 0.79 0.00	30.83 0.74 0.00	31.39 0.75 -0.09	31.67 0.45 -12.55	31.98 0.66 -4.22	32.51 0.42 -14.01	42.22 0.26 -29.68	63.70 0.59 -34.12	50.89 0.97 -4.39	47.59 0.62 -19.60	41.88 0.62 -13.82	35.65 0.67 -6.40	36.06 0.73 -4.78	40.23 0.51 -17.92
GILBOA___3 23758	30.34 0.59 -4.34	30.09 0.67 -0.51	28.88 0.63 0.00	31.41 0.65 0.00	31.10 0.65 0.00	32.11 0.71 -0.67	39.04 0.64 -11.53	39.57 0.62 -13.17	26.90 0.59 -2.41	30.44 0.74 -0.06	32.64 0.79 0.00	30.83 0.74 0.00	31.39 0.75 -0.09	31.67 0.45 -12.55	31.98 0.66 -4.22	32.51 0.42 -14.01	42.22 0.26 -29.68	63.70 0.59 -34.12	50.89 0.97 -4.39	47.59 0.62 -19.60	41.88 0.62 -13.82	35.65 0.67 -6.40	36.06 0.73 -4.78	40.23 0.51 -17.92
GILBOA___4 23759	30.34 0.59 -4.34	30.09 0.67 -0.51	28.88 0.63 0.00	31.41 0.65 0.00	31.10 0.65 0.00	32.11 0.71 -0.67	39.04 0.64 -11.53	39.57 0.62 -13.17	26.90 0.59 -2.41	30.44 0.74 -0.06	32.64 0.79 0.00	30.83 0.74 0.00	31.39 0.75 -0.09	31.67 0.45 -12.55	31.98 0.66 -4.22	32.51 0.42 -14.01	42.22 0.26 -29.68	63.70 0.59 -34.12	50.89 0.97 -4.39	47.59 0.62 -19.60	41.88 0.62 -13.82	35.65 0.67 -6.40	36.06 0.73 -4.78	40.23 0.51 -17.92
GILBOA____ 23599	30.33 0.58 -4.34	30.09 0.67 -0.51	28.88 0.63 0.00	31.40 0.65 0.00	31.10 0.65 0.00	32.11 0.71 -0.67	39.04 0.65 -11.53	39.57 0.62 -13.17	26.90 0.59 -2.41	30.44 0.74 -0.06	32.64 0.79 0.00	30.83 0.74 0.00	31.39 0.74 -0.09	31.67 0.45 -12.55	31.98 0.66 -4.22	32.51 0.42 -14.01	42.22 0.26 -29.68	63.70 0.59 -34.12	50.89 0.97 -4.39	47.59 0.62 -19.60	41.87 0.62 -13.82	35.65 0.67 -6.40	36.06 0.73 -4.78	40.23 0.51 -17.92

GINNA____ 23603	25.14 -1.26 -0.99	27.62 -1.41 -0.12	26.89 -1.35 0.00	29.35 -1.41 0.00	29.04 -1.41 0.00	29.42 -1.47 -0.15	28.15 -1.35 -2.63	27.43 -1.35 -3.00	23.12 -1.33 -0.55	28.08 -1.58 -0.01	30.21 -1.64 0.00	28.51 -1.57 0.00	29.00 -1.58 -0.02	20.51 -1.03 -2.86	26.57 -1.49 -0.96	20.32 -0.96 -3.19	18.45 -0.59 -6.76	35.35 -1.40 -7.78	44.37 -2.15 -1.00	30.49 -1.34 -4.47	29.22 -1.37 -3.15	28.53 -1.50 -1.46	29.96 -1.68 -1.09	24.71 -1.17 -4.08
GLEN PARK____ 23778	25.88 -0.06 -0.54	28.77 -0.21 -0.06	28.14 -0.10 0.00	30.85 0.09 0.00	30.61 0.16 0.00	31.00 0.19 -0.08	28.46 0.17 -1.42	27.53 0.13 -1.63	24.15 -0.04 -0.30	29.73 0.07 -0.01	32.13 0.28 0.00	30.47 0.39 0.00	30.96 0.39 -0.01	20.36 0.14 -1.55	27.60 -0.02 -0.52	19.84 0.03 -1.73	15.93 -0.01 -3.66	33.48 0.29 -4.21	46.64 0.58 -0.54	30.11 0.33 -2.42	29.37 0.23 -1.70	29.45 0.09 -0.79	31.16 0.03 -0.59	23.85 -0.16 -2.21
GLENDALE_27_KV_LOAD 356172	30.98 1.22 -4.35	30.79 1.37 -0.51	29.52 1.27 0.00	32.08 1.32 0.00	31.72 1.27 0.00	32.80 1.41 -0.67	39.73 1.33 -11.53	40.23 1.27 -13.18	27.54 1.22 -2.41	31.32 1.61 -0.06	33.64 1.79 0.00	31.69 1.61 0.00	32.28 1.64 -0.09	32.20 0.97 -12.56	32.74 1.42 -4.22	42.19 0.89 -23.22	42.56 0.58 -29.70	64.67 1.54 -34.15	52.41 2.49 -4.40	48.48 1.50 -19.61	42.77 1.51 -13.83	36.47 1.49 -6.41	36.92 1.59 -4.78	40.79 1.06 -17.93
GLENWOOD_IC_1_G5 23712	31.19 1.43 -4.35	30.96 1.54 -0.51	29.66 1.42 0.00	32.29 1.53 0.00	31.94 1.49 0.00	33.05 1.65 -0.67	40.02 1.61 -11.54	40.50 1.53 -13.19	27.72 1.40 -2.42	31.69 1.79 -0.25	36.43 2.15 -2.44	34.71 1.96 -2.67	36.92 1.98 -4.39	37.62 1.19 -17.76	33.02 1.68 -4.23	42.31 1.06 -23.16	56.96 0.68 -44.00	82.15 1.77 -51.40	87.33 2.90 -38.91	98.13 1.71 -69.06	78.07 1.72 -48.91	72.77 1.79 -42.41	37.26 1.93 -4.78	41.01 1.28 -17.93
GLENWOOD_IC_2_G1 23688	31.03 1.28 -4.35	30.81 1.38 -0.51	29.52 1.28 0.00	32.11 1.36 0.00	31.78 1.33 0.00	32.87 1.47 -0.67	39.84 1.43 -11.54	40.32 1.35 -13.19	27.57 1.26 -2.41	31.31 1.61 -0.06	33.77 1.91 -0.01	31.83 1.73 -0.01	32.49 1.75 -0.18	32.43 1.06 -12.70	32.80 1.47 -4.23	42.19 0.94 -23.16	42.93 0.63 -30.03	65.34 1.64 -34.73	53.60 2.68 -5.40	49.99 1.59 -21.04	44.13 1.59 -15.10	37.94 1.59 -7.79	37.04 1.72 -4.78	40.86 1.13 -17.93
GLENWOOD_IC_3_G1 23689	31.03 1.28 -4.35	30.81 1.38 -0.51	29.52 1.28 0.00	32.11 1.36 0.00	31.78 1.33 0.00	32.87 1.47 -0.67	39.84 1.43 -11.54	40.32 1.35 -13.19	27.57 1.26 -2.41	31.31 1.61 -0.06	33.77 1.91 -0.01	31.83 1.73 -0.01	32.49 1.75 -0.18	32.43 1.06 -12.70	32.80 1.47 -4.23	42.19 0.94 -23.16	42.93 0.63 -30.03	65.34 1.64 -34.73	53.60 2.68 -5.40	49.99 1.59 -21.04	44.13 1.59 -15.10	37.94 1.59 -7.79	37.04 1.72 -4.78	40.86 1.13 -17.93
GLENWOOD____4 23550	31.19 1.43 -4.35	30.96 1.54 -0.51	29.66 1.42 0.00	32.29 1.53 0.00	31.94 1.49 0.00	33.05 1.65 -0.67	40.02 1.61 -11.54	40.50 1.53 -13.19	27.72 1.40 -2.42	31.69 1.79 -0.25	36.43 2.15 -2.44	34.71 1.96 -2.67	36.92 1.98 -4.39	37.62 1.19 -17.76	33.02 1.68 -4.23	42.32 1.06 -23.16	56.97 0.70 -44.00	82.18 1.80 -51.40	87.39 2.96 -38.91	98.17 1.75 -69.06	78.10 1.76 -48.91	72.77 1.79 -42.41	37.26 1.93 -4.78	41.01 1.28 -17.93
GLENWOOD____5 23614	31.19 1.43 -4.35	30.96 1.54 -0.51	29.66 1.42 0.00	32.29 1.53 0.00	31.94 1.49 0.00	33.05 1.65 -0.67	40.02 1.61 -11.54	40.50 1.53 -13.19	27.72 1.40 -2.42	31.69 1.79 -0.25	36.43 2.15 -2.44	34.71 1.96 -2.67	36.92 1.98 -4.39	37.62 1.19 -17.76	33.02 1.68 -4.23	42.32 1.06 -23.16	56.97 0.70 -44.00	82.18 1.80 -51.40	87.39 2.96 -38.91	98.17 1.75 -69.06	78.10 1.76 -48.91	72.77 1.79 -42.41	37.26 1.93 -4.78	41.01 1.28 -17.93
GLOBAL GREEN_PORT_GT1 23814	32.64 2.89 -4.34	32.49 3.07 -0.51	31.11 2.86 0.00	33.96 3.20 0.00	33.60 3.16 0.00	34.79 3.40 -0.67	41.69 3.28 -11.54	42.08 3.12 -13.18	29.08 2.77 -2.41	32.94 3.32 0.03	34.95 3.92 0.82	32.80 3.61 0.90	34.55 3.68 -0.32	34.54 2.29 -13.58	34.53 3.21 -4.22	43.47 2.21 -23.16	63.90 1.61 -50.01	84.88 4.12 -51.79	97.19 6.67 -45.00	107.81 3.96 -76.49	74.39 3.92 -43.03	66.38 3.93 -33.87	39.43 4.10 -4.78	42.41 2.68 -17.93
GLOBE____DSASP 323697	25.29 -1.25 -1.13	27.73 -1.32 -0.13	27.05 -1.19 0.00	29.62 -1.13 0.00	29.25 -1.20 0.00	29.51 -1.39 -0.17	28.35 -1.51 -3.00	27.55 -1.65 -3.42	22.90 -1.62 -0.63	27.93 -1.73 -0.02	30.14 -1.71 0.00	28.39 -1.69 0.00	28.96 -1.62 -0.02	20.76 -1.18 -3.26	26.52 -1.68 -1.10	20.49 -1.24 -3.64	19.18 -0.81 -7.71	35.86 -1.99 -8.87	43.89 -2.78 -1.14	30.68 -1.78 -5.09	29.32 -1.70 -3.59	28.37 -1.87 -1.66	29.73 -2.06 -1.24	25.03 -1.41 -4.66
GOETHSLN____LBMP 323567	30.68 0.93 -4.35	30.44 1.02 -0.51	29.19 0.95 0.00	31.72 0.96 0.00	31.37 0.92 0.00	32.47 1.07 -0.67	39.45 1.05 -11.53	39.97 1.01 -13.18	27.28 0.97 -2.41	30.99 1.28 -0.06	33.27 1.42 0.00	31.34 1.26 0.00	31.92 1.27 -0.09	31.98 0.75 -12.56	32.43 1.10 -4.22	42.00 0.67 -23.24	42.41 0.43 -29.70	64.32 1.19 -34.15	51.87 1.95 -4.40	48.13 1.16 -19.61	42.43 1.17 -13.82	36.12 1.15 -6.41	36.58 1.25 -4.78	40.53 0.81 -17.93
GOLAH____69_KV_TB 1_2 80279	26.43 0.01 -1.01	29.13 0.09 -0.12	28.42 0.18 0.00	31.02 0.27 0.00	30.72 0.27 0.00	31.11 0.23 -0.16	29.54 -0.02 -2.69	28.71 -0.14 -3.07	24.22 -0.24 -0.56	29.45 -0.21 -0.01	31.72 -0.13 0.00	29.92 -0.16 0.00	30.46 -0.11 -0.02	21.45 -0.15 -2.93	27.90 -0.19 -0.99	21.21 -0.15 -3.27	19.17 -0.04 -6.93	36.88 -0.07 -7.97	46.63 0.08 -1.03	31.93 -0.02 -4.58	30.62 -0.04 -3.22	29.91 -0.15 -1.50	31.42 -0.24 -1.12	25.84 -0.14 -4.18
GOODYEAR_LAKE_HYD 323669	27.84 0.87 -1.57	30.11 1.01 -0.18	29.23 1.00 0.00	31.90 1.15 0.00	31.59 1.14 0.00	32.16 1.19 -0.24	32.13 1.11 -4.15	31.59 1.06 -4.75	25.79 1.02 -0.87	31.01 1.34 -0.02	33.38 1.53 0.00	31.44 1.36 0.00	31.91 1.32 -0.03	23.97 0.77 -4.53	29.77 1.14 -1.52	23.91 0.77 -5.05	23.51 0.53 -10.71	42.63 1.34 -12.31	49.19 2.08 -1.58	35.63 1.20 -7.06	33.57 1.16 -4.98	32.03 1.15 -2.31	33.46 1.19 -1.72	29.04 0.78 -6.46
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	27.40 0.13 -1.87	29.32 0.18 -0.22	28.44 0.19 0.00	31.01 0.26 0.00	30.67 0.23 0.00	31.26 0.24 -0.29	32.08 0.26 -4.95	31.65 0.21 -5.66	25.15 0.21 -1.04	29.97 0.30 -0.03	32.20 0.34 0.00	30.43 0.34 0.00	30.81 0.21 -0.04	24.17 0.10 -5.39	29.12 0.20 -1.81	24.25 0.14 -6.02	25.13 0.10 -12.75	43.93 0.29 -14.66	47.80 0.39 -1.89	35.94 0.15 -8.42	33.49 0.12 -5.93	31.39 0.07 -2.75	32.69 0.09 -2.05	29.54 0.05 -7.70
GOUDEY____7 23579	27.43 0.15 -1.87	29.35 0.21 -0.22	28.46 0.22 0.00	31.04 0.29 0.00	30.70 0.26 0.00	31.29 0.27 -0.29	32.11 0.29 -4.95	31.67 0.23 -5.66	25.17 0.23 -1.04	30.00 0.33 -0.03	32.23 0.38 0.00	30.45 0.37 0.00	30.84 0.24 -0.04	24.18 0.12 -5.39	29.14 0.23 -1.81	24.26 0.16 -6.02	25.14 0.11 -12.75	43.96 0.32 -14.66	47.85 0.44 -1.89	35.97 0.18 -8.42	33.52 0.15 -5.93	31.42 0.10 -2.75	32.72 0.12 -2.05	29.57 0.08 -7.70

GOUDEY___8	27.40	29.32	28.44	31.01	30.67	31.26	32.08	31.65	25.15	29.97	32.20	30.43	30.81	24.17	29.12	24.25	25.13	43.93	47.80	35.94	33.49	31.39	32.69	29.54
23580	0.13	0.18	0.19	0.26	0.23	0.24	0.26	0.21	0.21	0.30	0.34	0.34	0.21	0.10	0.20	0.14	0.10	0.29	0.39	0.15	0.12	0.07	0.09	0.05
	-1.87	-0.22	0.00	0.00	0.00	-0.29	-4.95	-5.66	-1.04	-0.03	0.00	0.00	-0.04	-5.39	-1.81	-6.02	-12.75	-14.66	-1.89	-8.42	-5.93	-2.75	-2.05	-7.70
GOWANUS_GT1_1	30.98	30.79	29.52	32.09	31.72	32.82	39.76	40.26	27.56	31.34	33.64	31.69	32.27	32.20	32.71	42.16	42.53	64.61	52.35	48.46	42.76	36.48	36.92	40.79
24077	1.22	1.37	1.28	1.33	1.27	1.42	1.35	1.30	1.25	1.64	1.79	1.61	1.63	0.97	1.38	0.86	0.55	1.48	2.43	1.48	1.50	1.50	1.60	1.06
	-4.35	-0.51	0.00	0.00	0.00	-0.67	-11.53	-13.18	-2.41	-0.06	0.00	0.00	-0.09	-12.56	-4.22	-23.22	-29.70	-34.15	-4.40	-19.61	-13.83	-6.41	-4.78	-17.93
GOWANUS_GT1_2	30.98	30.79	29.52	32.09	31.72	32.82	39.76	40.26	27.56	31.34	33.64	31.69	32.27	32.20	32.71	42.16	42.53	64.61	52.35	48.46	42.76	36.48	36.92	40.79
24078	1.22	1.37	1.28	1.33	1.27	1.42	1.35	1.30	1.25	1.64	1.79	1.61	1.63	0.97	1.38	0.86	0.55	1.48	2.43	1.48	1.50	1.50	1.60	1.06
	-4.35	-0.51	0.00	0.00	0.00	-0.67	-11.53	-13.18	-2.41	-0.06	0.00	0.00	-0.09	-12.56	-4.22	-23.22	-29.70	-34.15	-4.40	-19.61	-13.83	-6.41	-4.78	-17.93
GOWANUS_GT1_3	30.98	30.79	29.52	32.09	31.72	32.82	39.76	40.26	27.56	31.34	33.64	31.69	32.27	32.20	32.71	42.16	42.53	64.61	52.35	48.46	42.76	36.48	36.92	40.79
24079	1.22	1.37	1.28	1.33	1.27	1.42	1.35	1.30	1.25	1.64	1.79	1.61	1.63	0.97	1.38	0.86	0.55	1.48	2.43	1.48	1.50	1.50	1.60	1.06
	-4.35	-0.51	0.00	0.00	0.00	-0.67	-11.53	-13.18	-2.41	-0.06	0.00	0.00	-0.09	-12.56	-4.22	-23.22	-29.70	-34.15	-4.40	-19.61	-13.83	-6.41	-4.78	-17.93
GOWANUS_GT1_4	30.98	30.79	29.52	32.09	31.72	32.82	39.76	40.26	27.56	31.34	33.64	31.69	32.27	32.20	32.71	42.16	42.53	64.61	52.35	48.46	42.76	36.48	36.92	40.79
24080	1.22	1.37	1.28	1.33	1.27	1.42	1.35	1.30	1.25	1.64	1.79	1.61	1.63	0.97	1.38	0.86	0.55	1.48	2.43	1.48	1.50	1.50	1.60	1.06
	-4.35	-0.51	0.00	0.00	0.00	-0.67	-11.53	-13.18	-2.41	-0.06	0.00	0.00	-0.09	-12.56	-4.22	-23.22	-29.70	-34.15	-4.40	-19.61	-13.83	-6.41	-4.78	-17.93
GOWANUS_GT1_5	30.98	30.79	29.52	32.09	31.72	32.82	39.76	40.26	27.56	31.34	33.64	31.69	32.27	32.20	32.71	42.16	42.53	64.61	52.35	48.46	42.76	36.48	36.92	40.79
24084	1.22	1.37	1.28	1.33	1.27	1.42	1.35	1.30	1.25	1.64	1.79	1.61	1.63	0.97	1.38	0.86	0.55	1.48	2.43	1.48	1.50	1.50	1.60	1.06
	-4.35	-0.51</																						

GOWANUS_GT2_7 24120	30.98 1.22 -4.35	30.79 1.37 -0.51	29.52 1.28 0.00	32.09 1.33 0.00	31.72 1.27 0.00	32.82 1.42 -0.67	39.76 1.35 -11.53	40.26 1.30 -13.18	27.56 1.25 -2.41	31.35 1.64 -0.06	33.65 1.79 0.00	31.69 1.61 0.00	32.28 1.63 -0.09	32.20 0.97 -12.56	32.71 1.38 -4.22	42.16 0.86 -23.22	42.53 0.55 -29.70	64.61 1.48 -34.15	52.35 2.43 -4.40	48.46 1.48 -19.61	42.76 1.50 -13.83	36.47 1.50 -6.41	36.92 1.59 -4.78	40.79 1.06 -17.93
GOWANUS_GT2_8 24121	30.98 1.22 -4.35	30.79 1.37 -0.51	29.52 1.28 0.00	32.09 1.33 0.00	31.72 1.27 0.00	32.82 1.42 -0.67	39.76 1.35 -11.53	40.26 1.30 -13.18	27.56 1.25 -2.41	31.35 1.64 -0.06	33.65 1.79 0.00	31.69 1.61 0.00	32.28 1.63 -0.09	32.20 0.97 -12.56	32.71 1.38 -4.22	42.16 0.86 -23.22	42.53 0.55 -29.70	64.61 1.48 -34.15	52.35 2.43 -4.40	48.46 1.48 -19.61	42.76 1.50 -13.83	36.47 1.50 -6.41	36.92 1.59 -4.78	40.79 1.06 -17.93
GOWANUS_GT3_1 24122	30.98 1.22 -4.35	30.79 1.37 -0.51	29.52 1.28 0.00	32.09 1.33 0.00	31.72 1.27 0.00	32.82 1.42 -0.67	39.76 1.35 -11.53	40.26 1.30 -13.18	27.56 1.25 -2.41	31.35 1.64 -0.06	33.65 1.79 0.00	31.69 1.61 0.00	32.28 1.63 -0.09	32.20 0.97 -12.56	32.71 1.38 -4.22	42.16 0.86 -23.22	42.53 0.55 -29.70	64.61 1.48 -34.15	52.35 2.43 -4.40	48.46 1.48 -19.61	42.76 1.50 -13.83	36.47 1.50 -6.41	36.92 1.59 -4.78	40.79 1.06 -17.93
GOWANUS_GT3_2 24123	30.98 1.22 -4.35	30.79 1.37 -0.51	29.52 1.28 0.00	32.09 1.33 0.00	31.72 1.27 0.00	32.82 1.42 -0.67	39.76 1.35 -11.53	40.26 1.30 -13.18	27.56 1.25 -2.41	31.35 1.64 -0.06	33.65 1.79 0.00	31.69 1.61 0.00	32.28 1.63 -0.09	32.20 0.97 -12.56	32.71 1.38 -4.22	42.16 0.86 -23.22	42.53 0.55 -29.70	64.61 1.48 -34.15	52.35 2.43 -4.40	48.46 1.48 -19.61	42.76 1.50 -13.83	36.47 1.50 -6.41	36.92 1.59 -4.78	40.79 1.06 -17.93
GOWANUS_GT3_3 24124	30.98 1.22 -4.35	30.79 1.37 -0.51	29.52 1.28 0.00	32.09 1.33 0.00	31.72 1.27 0.00	32.82 1.42 -0.67	39.76 1.35 -11.53	40.26 1.30 -13.18	27.56 1.25 -2.41	31.35 1.64 -0.06	33.65 1.79 0.00	31.69 1.61 0.00	32.28 1.63 -0.09	32.20 0.97 -12.56	32.71 1.38 -4.22	42.16 0.86 -23.22	42.53 0.55 -29.70	64.61 1.48 -34.15	52.35 2.43 -4.40	48.46 1.48 -19.61	42.76 1.50 -13.83	36.47 1.50 -6.41	36.92 1.59 -4.78	40.79 1.06 -17.93
GOWANUS_GT3_4 24125	30.98 1.22 -4.35	30.79 1.37 -0.51	29.52 1.28 0.00	32.09 1.33 0.00	31.72 1.27 0.00	32.82 1.42 -0.67	39.76 1.35 -11.53	40.26 1.30 -13.18	27.56 1.25 -2.41	31.35 1.64 -0.06	33.65 1.79 0.00	31.69 1.61 0.00	32.28 1.63 -0.09	32.20 0.97 -12.56	32.71 1.38 -4.22	42.16 0.86 -23.22	42.53 0.55 -29.70	64.61 1.48 -34.15	52.35 2.43 -4.40	48.46 1.48 -19.61	42.76 1.50 -13.83	36.47 1.50 -6.41	36.92 1.59 -4.78	40.79 1.06 -17.93
GOWANUS_GT3_5 24126	30.98 1.22 -4.35	30.79 1.37 -0.51	29.52 1.28 0.00	32.09 1.33 0.00	31.72 1.27 0.00	32.82 1.42 -0.67	39.76 1.35 -11.53	40.26 1.30 -13.18	27.56 1.25 -2.41	31.35 1.64 -0.06	33.65 1.79 0.00	31.69 1.61 0.00	32.28 1.63 -0.09	32.20 0.97 -12.56	32.71 1.38 -4.22	42.16 0.86 -23.22	42.53 0.55 -29.70	64.61 1.48 -34.15	52.35 2.43 -4.40	48.46 1.48 -19.61	42.76 1.50 -13.83	36.47 1.50 -6.41	36.92 1.59 -4.78	40.79 1.06 -17.93
GOWANUS_GT3_6 24127	30.98 1.22 -4.35	30.79 1.37 -0.51	29.52 1.28 0.00	32.09 1.33 0.00	31.72 1.27 0.00	32.82 1.42 -0.67	39.76 1.35 -11.53	40.26 1.30 -13.18	27.56 1.25 -2.41	31.35 1.64 -0.06	33.65 1.79 0.00	31.69 1.61 0.00	32.28 1.63 -0.09	32.20 0.97 -12.56	32.71 1.38 -4.22	42.16 0.86 -23.22	42.53 0.55 -29.70	64.61 1.48 -34.15	52.35 2.43 -4.40	48.46 1.48 -19.61	42.76 1.50 -13.83	36.47 1.50 -6.41	36.92 1.59 -4.78	40.79 1.06 -17.93
GOWANUS_GT3_7 24128	30.98 1.22 -4.35	30.79 1.37 -0.51	29.52 1.28 0.00	32.09 1.33 0.00	31.72 1.27 0.00	32.82 1.42 -0.67	39.76 1.35 -11.53	40.26 1.30 -13.18	27.56 1.25 -2.41	31.35 1.64 -0.06	33.65 1.79 0.00	31.69 1.61 0.00	32.28 1.63 -0.09	32.20 0.97 -12.56	32.71 1.38 -4.22	42.16 0.86 -23.22	42.53 0.55 -29.70	64.61 1.48 -34.15	52.35 2.43 -4.40	48.46 1.48 -19.61	42.76 1.50 -13.83	36.47 1.50 -6.41	36.92 1.59 -4.78	40.79 1.06 -17.93
GOWANUS_GT3_8 24129	30.98 1.22 -4.35	30.79 1.37 -0.51	29.52 1.28 0.00	32.09 1.33 0.00	31.72 1.27 0.00	32.82 1.42 -0.67	39.76 1.35 -11.53	40.26 1.30 -13.18	27.56 1.25 -2.41	31.35 1.64 -0.06	33.65 1.79 0.00	31.69 1.61 0.00	32.28 1.63 -0.09	32.20 0.97 -12.56	32.71 1.38 -4.22	42.16 0.86 -23.22	42.53 0.55 -29.70	64.61 1.48 -34.15	52.35 2.43 -4.40	48.46 1.48 -19.61	42.76 1.50 -13.83	36.47 1.50 -6.41	36.92 1.59 -4.78	40.79 1.06 -17.93
GOWANUS_GT4_1 24130	30.98 1.22 -4.35	30.79 1.37 -0.51	29.52 1.28 0.00	32.09 1.33 0.00	31.72 1.27 0.00	32.82 1.42 -0.67	39.76 1.35 -11.53	40.26 1.30 -13.18	27.56 1.25 -2.41	31.34 1.64 -0.06	33.64 1.79 0.00	31.69 1.61 0.00	32.27 1.63 -0.09	32.20 0.97 -12.56	32.71 1.38 -4.22	42.16 0.86 -23.22	42.53 0.55 -29.70	64.61 1.48 -34.15	52.35 2.43 -4.40	48.46 1.48 -19.61	42.76 1.50 -13.83	36.48 1.50 -6.41	36.92 1.60 -4.78	40.79 1.06 -17.93
GOWANUS_GT4_2 24131	30.98 1.22 -4.35	30.79 1.37 -0.51	29.52 1.28 0.00	32.09 1.33 0.00	31.72 1.27 0.00	32.82 1.42 -0.67	39.76 1.35 -11.53	40.26 1.30 -13.18	27.56 1.25 -2.41	31.34 1.64 -0.06	33.64 1.79 0.00	31.69 1.61 0.00	32.27 1.63 -0.09	32.20 0.97 -12.56	32.71 1.38 -4.22	42.16 0.86 -23.22	42.53 0.55 -29.70	64.61 1.48 -34.15	52.35 2.43 -4.40	48.46 1.48 -19.61	42.76 1.50 -13.83	36.48 1.50 -6.41	36.92 1.60 -4.78	40.79 1.06 -17.93
GOWANUS_GT4_3 24132	30.98 1.22 -4.35	30.79 1.37 -0.51	29.52 1.28 0.00	32.09 1.33 0.00	31.72 1.27 0.00	32.82 1.42 -0.67	39.76 1.35 -11.53	40.26 1.30 -13.18	27.56 1.25 -2.41	31.34 1.64 -0.06	33.64 1.79 0.00	31.69 1.61 0.00	32.27 1.63 -0.09	32.20 0.97 -12.56	32.71 1.38 -4.22	42.16 0.86 -23.22	42.53 0.55 -29.70	64.61 1.48 -34.15	52.35 2.43 -4.40	48.46 1.48 -19.61	42.76 1.50 -13.83	36.48 1.50 -6.41	36.92 1.60 -4.78	40.79 1.06 -17.93
GOWANUS_GT4_4 24133	30.98 1.22 -4.35	30.79 1.37 -0.51	29.52 1.28 0.00	32.09 1.33 0.00	31.72 1.27 0.00	32.82 1.42 -0.67	39.76 1.35 -11.53	40.26 1.30 -13.18	27.56 1.25 -2.41	31.34 1.64 -0.06	33.64 1.79 0.00	31.69 1.61 0.00	32.27 1.63 -0.09	32.20 0.97 -12.56	32.71 1.38 -4.22	42.16 0.86 -23.22	42.53 0.55 -29.70	64.61 1.48 -34.15	52.35 2.43 -4.40	48.46 1.48 -19.61	42.76 1.50 -13.83	36.48 1.50 -6.41	36.92 1.60 -4.78	40.79 1.06 -17.93
GOWANUS_GT4_5 24134	30.98 1.22 -4.35	30.79 1.37 -0.51	29.52 1.28 0.00	32.09 1.33 0.00	31.72 1.27 0.00	32.82 1.42 -0.67	39.76 1.35 -11.53	40.26 1.30 -13.18	27.56 1.25 -2.41	31.34 1.64 -0.06	33.64 1.79 0.00	31.69 1.61 0.00	32.27 1.63 -0.09	32.20 0.97 -12.56	32.71 1.38 -4.22	42.16 0.86 -23.22	42.53 0.55 -29.70	64.61 1.48 -34.15	52.35 2.43 -4.40	48.46 1.48 -19.61	42.76 1.50 -13.83	36.48 1.50 -6.41	36.92 1.60 -4.78	40.79 1.06 -17.93

GOWANUS_GT4_6 24135	30.98 1.22 -4.35	30.79 1.37 -0.51	29.52 1.28 0.00	32.09 1.33 0.00	31.72 1.27 0.00	32.82 1.42 -0.67	39.76 1.35 -11.53	40.26 1.30 -13.18	27.56 1.25 -2.41	31.34 1.64 -0.06	33.64 1.79 0.00	31.69 1.61 0.00	32.27 1.63 -0.09	32.20 0.97 -12.56	32.71 1.38 -4.22	42.16 0.86 -23.22	42.53 0.55 -29.70	64.61 1.48 -34.15	52.35 2.43 -4.40	48.46 1.48 -19.61	42.76 1.50 -13.83	36.48 1.50 -6.41	36.92 1.60 -4.78	40.79 1.06 -17.93
GOWANUS_GT4_7 24136	30.98 1.22 -4.35	30.79 1.37 -0.51	29.52 1.28 0.00	32.09 1.33 0.00	31.72 1.27 0.00	32.82 1.42 -0.67	39.76 1.35 -11.53	40.26 1.30 -13.18	27.56 1.25 -2.41	31.34 1.64 -0.06	33.64 1.79 0.00	31.69 1.61 0.00	32.27 1.63 -0.09	32.20 0.97 -12.56	32.71 1.38 -4.22	42.16 0.86 -23.22	42.53 0.55 -29.70	64.61 1.48 -34.15	52.35 2.43 -4.40	48.46 1.48 -19.61	42.76 1.50 -13.83	36.48 1.50 -6.41	36.92 1.60 -4.78	40.79 1.06 -17.93
GOWANUS_GT4_8 24137	30.98 1.22 -4.35	30.79 1.37 -0.51	29.52 1.28 0.00	32.09 1.33 0.00	31.72 1.27 0.00	32.82 1.42 -0.67	39.76 1.35 -11.53	40.26 1.30 -13.18	27.56 1.25 -2.41	31.34 1.64 -0.06	33.64 1.79 0.00	31.69 1.61 0.00	32.27 1.63 -0.09	32.20 0.97 -12.56	32.71 1.38 -4.22	42.16 0.86 -23.22	42.53 0.55 -29.70	64.61 1.48 -34.15	52.35 2.43 -4.40	48.46 1.48 -19.61	42.76 1.50 -13.83	36.48 1.50 -6.41	36.92 1.60 -4.78	40.79 1.06 -17.93
GREENBSH_115KV_TB3 55895	31.18 0.53 -5.23	30.18 0.65 -0.61	28.85 0.61 0.00	31.25 0.50 0.00	31.00 0.55 0.00	32.12 0.59 -0.80	41.25 0.48 -13.89	42.12 0.46 -15.88	27.33 0.52 -2.90	30.33 0.61 -0.07	32.37 0.52 0.00	30.70 0.61 0.00	31.28 0.61 -0.11	34.17 0.37 -15.12	32.75 0.55 -5.09	37.24 0.35 -18.80	48.28 0.23 -35.77	70.66 0.55 -41.13	51.73 0.92 -5.29	51.54 0.55 -23.62	44.65 0.56 -16.65	36.89 0.60 -7.72	36.93 0.63 -5.76	43.83 0.43 -21.60
GREENDGE_115KV_TB5 80291	26.92 0.21 -1.30	29.35 0.28 -0.15	28.55 0.31 0.00	31.17 0.42 0.00	30.86 0.41 0.00	31.35 0.42 -0.20	30.72 0.39 -3.45	30.08 0.36 -3.95	24.92 0.29 -0.72	30.08 0.42 -0.02	32.21 0.36 0.00	30.34 0.26 0.00	30.73 0.15 -0.03	22.45 0.02 -3.76	28.45 0.07 -1.27	22.42 0.13 -4.20	21.36 0.18 -8.90	39.61 0.40 -10.23	47.30 0.46 -1.32	33.60 0.36 -5.87	31.87 0.29 -4.14	30.66 0.17 -1.92	32.12 0.14 -1.43	27.24 0.07 -5.37
GREENIDGE___3 23582	26.92 0.21 -1.30	29.35 0.28 -0.15	28.55 0.31 0.00	31.17 0.42 0.00	30.86 0.41 0.00	31.35 0.42 -0.20	30.72 0.39 -3.45	30.08 0.36 -3.95	24.92 0.29 -0.72	30.08 0.42 -0.02	32.21 0.36 0.00	30.34 0.26 0.00	30.73 0.15 -0.03	22.45 0.02 -3.76	28.45 0.07 -1.27	22.42 0.13 -4.20	21.36 0.18 -8.90	39.61 0.40 -10.23	47.30 0.46 -1.32	33.60 0.36 -5.87	31.87 0.29 -4.14	30.66 0.17 -1.92	32.12 0.14 -1.43	27.24 0.07 -5.37
GREENIDGE___4 23583	26.92 0.21 -1.30	29.35 0.28 -0.15	28.55 0.31 0.00	31.17 0.41 0.00	30.86 0.41 0.00	31.35 0.42 -0.20	30.72 0.40 -3.45	30.08 0.35 -3.95	24.91 0.29 -0.72	30.08 0.41 -0.02	32.21 0.36 0.00	30.34 0.26 0.00	30.73 0.15 -0.03	22.45 0.02 -3.76	28.45 0.07 -1.27	22.42 0.13 -4.20	21.36 0.18 -8.90	39.61 0.40 -10.23	47.30 0.46 -1.32	33.60 0.36 -5.87	31.87 0.29 -4.14	30.66 0.17 -1.92	32.12 0.14 -1.43	27.24 0.07 -5.37
GREENLWN_69_KV_BK 3 55738	31.36 1.61 -4.34	31.09 1.67 -0.51	29.76 1.51 0.00	32.42 1.66 0.00	32.10 1.65 0.00	33.21 1.81 -0.67	40.23 1.83 -11.54	40.66 1.70 -13.18	27.82 1.51 -2.41	31.51 1.88 0.01	33.65 2.45 0.65	31.61 2.24 0.71	33.29 2.22 -0.51	33.82 1.37 -13.77	33.20 1.87 -4.22	42.47 1.22 -23.16	62.94 0.84 -49.82	82.92 2.17 -51.77	93.86 3.54 -44.80	105.72 2.09 -76.26	72.76 2.10 -43.22	64.78 2.06 -34.15	37.54 2.21 -4.78	41.14 1.41 -17.93
GREENWD_138_KV_38B11_REV_LBMP_J 345004	30.98 1.22 -4.35	30.79 1.37 -0.51	29.52 1.28 0.00	32.09 1.33 0.00	31.72 1.27 0.00	32.82 1.42 -0.67	39.76 1.35 -11.53	40.26 1.30 -13.18	27.56 1.25 -2.41	31.34 1.64 -0.06	33.64 1.79 0.00	31.69 1.61 0.00	32.27 1.63 -0.09	32.20 0.97 -12.56	32.71 1.38 -4.22	42.16 0.86 -23.22	42.53 0.55 -29.70	64.61 1.48 -34.15	52.35 2.43 -4.40	48.46 1.48 -19.61	42.76 1.50 -13.83	36.48 1.50 -6.41	36.92 1.60 -4.78	40.79 1.06 -17.93
GRISSOM___SOLAR 323813	33.49 1.82 -6.26	31.72 2.08 -0.73	30.23 1.99 0.00	32.97 2.21 0.00	32.59 2.15 0.00	33.98 2.29 -0.96	45.50 2.02 -16.61	46.67 1.90 -18.99	28.57 1.20 -3.47	30.49 0.76 -0.08	32.77 0.92 0.00	30.76 0.68 0.00	31.94 1.26 -0.13	37.96 1.19 -18.10	35.21 2.02 -6.09	39.69 1.40 -20.21	56.15 1.05 -42.82	80.60 2.40 -49.22	55.40 3.54 -6.33	57.72 2.11 -28.24	49.42 2.08 -19.91	39.91 2.11 -9.23	39.66 2.22 -6.88	49.14 1.53 -25.83
GROVEVILLE___HYD 323602	31.07 1.28 -4.38	30.87 1.44 -0.51	29.61 1.37 0.00	32.20 1.45 0.00	31.86 1.42 0.00	32.93 1.53 -0.67	39.93 1.43 -11.63	40.45 1.37 -13.29	27.61 1.28 -2.43	31.33 1.62 -0.06	33.63 1.77 0.00	31.72 1.64 0.00	32.29 1.65 -0.09	32.33 0.99 -12.66	32.82 1.46 -4.26	33.18 0.95 -14.13	42.87 0.65 -29.95	65.10 1.68 -34.43	52.68 2.72 -4.43	48.75 1.61 -19.77	42.98 1.60 -13.94	36.62 1.59 -6.46	37.09 1.72 -4.82	41.03 1.15 -18.08
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	26.24 -0.06 -0.89	28.95 -0.08 -0.10	28.18 -0.07 0.00	30.70 -0.06 0.00	30.37 -0.07 0.00	30.79 -0.07 -0.14	29.17 -0.06 -2.37	28.41 -0.07 -2.70	24.36 -0.04 -0.49	29.64 -0.03 -0.01	31.83 -0.02 0.00	30.08 0.00 0.00	30.52 -0.05 -0.02	21.21 -0.05 -2.58	27.90 -0.07 -0.87	20.95 -0.01 -2.88	18.39 0.02 -6.09	36.04 0.05 -7.00	46.47 0.04 -0.90	31.40 0.01 -4.02	30.25 -0.02 -2.84	29.85 -0.03 -1.31	31.48 -0.05 -0.98	25.42 -0.05 -3.68
HAMLTNNY_34_KV_TB 80303	26.27 -0.06 -0.92	28.96 -0.07 -0.11	28.18 -0.06 0.00	30.70 -0.05 0.00	30.39 -0.06 0.00	30.80 -0.07 -0.14	29.26 -0.05 -2.45	28.52 -0.06 -2.80	24.38 -0.03 -0.51	29.66 0.00 -0.01	31.85 0.00 0.00	30.10 0.02 0.00	30.52 -0.06 -0.02	21.26 -0.08 -2.66	27.91 -0.09 -0.90	21.05 -0.01 -2.97	18.61 0.03 -6.31	36.31 0.08 -7.25	46.56 0.11 -0.93	31.58 0.05 -4.16	30.38 0.01 -2.93	29.91 -0.02 -1.36	31.53 -0.03 -1.01	25.56 -0.04 -3.81
HAMPSHIRE___PAPER_HYD 323593	25.23 -0.50 -0.32	28.25 -0.71 -0.04	27.66 -0.58 0.00	30.53 -0.23 0.00	30.20 -0.25 0.00	30.29 -0.49 -0.05	27.26 -0.47 -0.86	26.28 -0.48 -0.98	23.36 -0.72 -0.18	28.90 -0.75 0.00	31.24 -0.61 0.00	29.40 -0.68 0.00	30.02 -0.54 -0.01	19.18 -0.43 -0.94	26.79 -0.63 -0.32	18.67 -0.46 -1.04	14.15 -0.33 -2.21	30.63 -0.90 -2.54	44.31 -1.54 -0.33	28.12 -0.71 -1.46	27.95 -0.51 -1.03	28.47 -0.58 -0.48	30.33 -0.57 -0.35	22.70 -0.43 -1.33
HARDSCRABBLE_WT_PWR 323673	25.79 0.24 -0.14	29.32 0.39 -0.02	28.56 0.32 0.00	31.05 0.30 0.00	30.82 0.38 0.00	31.31 0.56 -0.02	27.89 0.66 -0.37	26.89 0.70 -0.42	24.51 0.53 -0.08	30.15 0.50 0.00	32.19 0.34 0.00	30.45 0.37 0.00	30.99 0.43 0.00	19.48 0.41 -0.40	27.89 0.66 -0.13	19.02 0.48 -0.45	13.55 0.33 -0.94	30.83 0.77 -1.08	46.90 1.24 -0.14	28.71 0.72 -0.62	28.54 0.66 -0.44	29.46 0.68 -0.20	31.40 0.70 -0.15	22.85 0.49 -0.57

HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	30.58 1.06 -4.11	30.59 1.19 -0.48	29.37 1.13 0.00	31.93 1.18 0.00	31.59 1.14 0.00	32.63 1.27 -0.63	39.01 1.22 -10.92	39.43 1.17 -12.48	27.28 1.10 -2.28	31.09 1.39 -0.05	33.34 1.49 0.00	31.43 1.35 0.00	31.99 1.35 -0.08	31.37 0.80 -11.89	32.28 1.17 -4.00	20.91 0.75 -2.07	40.91 0.52 -28.12	62.71 1.41 -32.33	51.96 2.28 -4.16	47.27 1.33 -18.57	41.84 1.32 -13.09	35.92 1.29 -6.07	36.47 1.39 -4.52	39.70 0.93 -16.98
HARSNRAD_115KV_TB1 81005	25.83 -0.69 -1.12	28.42 -0.63 -0.13	27.71 -0.53 0.00	30.33 -0.43 0.00	29.95 -0.50 0.00	30.25 -0.65 -0.17	28.96 -0.88 -2.97	28.10 -1.07 -3.39	23.43 -1.09 -0.62	28.57 -1.10 -0.02	30.84 -1.01 0.00	29.05 -1.03 0.00	29.61 -0.97 -0.02	21.13 -0.77 -3.23	27.10 -1.09 -1.09	20.88 -0.81 -3.61	19.41 -0.52 -7.65	36.50 -1.27 -8.79	44.96 -1.69 -1.13	31.29 -1.13 -5.05	29.90 -1.10 -3.56	28.98 -1.24 -1.65	30.37 -1.42 -1.23	25.46 -0.95 -4.62
HARZA MOOSE__RIVER 24016	25.93 0.17 -0.34	29.11 0.14 -0.04	28.46 0.22 0.00	31.14 0.38 0.00	30.85 0.41 0.00	31.18 0.40 -0.05	28.14 0.35 -0.91	27.16 0.34 -1.04	24.34 0.25 -0.19	30.01 0.35 0.00	32.36 0.51 0.00	30.59 0.51 0.00	31.08 0.51 -0.01	19.94 0.27 -0.99	27.81 0.37 -0.34	19.42 0.22 -1.11	14.75 0.12 -2.36	32.09 0.40 -2.71	46.52 0.65 -0.35	29.33 0.41 -1.56	28.91 0.38 -1.10	29.35 0.27 -0.51	31.19 0.27 -0.38	23.31 0.10 -1.42
HDSNBRDG_115KV_BRDG_TB1 355580	26.04 -0.21 -0.85	28.78 -0.23 -0.10	28.02 -0.22 0.00	30.52 -0.24 0.00	30.21 -0.24 0.00	30.61 -0.25 -0.13	28.89 -0.23 -2.25	28.12 -0.23 -2.57	24.18 -0.19 -0.47	29.43 -0.22 -0.01	31.62 -0.23 0.00	29.89 -0.19 0.00	30.34 -0.24 -0.02	20.97 -0.14 -2.45	27.70 -0.23 -0.82	20.69 -0.13 -2.73	17.99 -0.07 -5.78	35.47 -0.15 -6.65	46.11 -0.27 -0.86	31.00 -0.19 -3.82	29.93 -0.20 -2.69	29.61 -0.21 -1.25	31.23 -0.25 -0.93	25.10 -0.19 -3.49
HELLGATE_13_KV_LD 55870	30.87 1.11 -4.35	30.68 1.25 -0.51	29.41 1.17 0.00	31.98 1.22 0.00	31.60 1.16 0.00	32.69 1.29 -0.67	39.62 1.22 -11.53	40.10 1.14 -13.18	27.41 1.10 -2.41	31.16 1.46 -0.06	33.48 1.62 0.00	31.54 1.45 0.00	32.12 1.48 -0.09	32.11 0.88 -12.56	32.60 1.27 -4.22	42.10 0.79 -23.22	42.50 0.52 -29.70	64.51 1.38 -34.15	52.17 2.25 -4.40	48.33 1.35 -19.61	42.62 1.36 -13.83	36.32 1.34 -6.41	36.76 1.43 -4.78	40.68 0.95 -17.93
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	30.87 1.11 -4.35	30.68 1.25 -0.51	29.41 1.17 0.00	31.98 1.22 0.00	31.60 1.16 0.00	32.69 1.29 -0.67	39.62 1.22 -11.53	40.10 1.14 -13.18	27.41 1.10 -2.41	31.16 1.46 -0.06	33.48 1.62 0.00	31.54 1.45 0.00	32.12 1.48 -0.09	32.11 0.88 -12.56	32.60 1.27 -4.22	42.10 0.79 -23.22	42.50 0.52 -29.70	64.51 1.38 -34.15	52.17 2.25 -4.40	48.33 1.35 -19.61	42.62 1.36 -13.83	36.32 1.34 -6.41	36.76 1.43 -4.78	40.68 0.95 -17.93
HEMPSTEAD____ 23647	31.18 1.42 -4.36	30.91 1.48 -0.51	29.60 1.36 0.00	32.23 1.48 0.00	31.90 1.45 0.00	33.02 1.62 -0.67	40.02 1.61 -11.54	40.49 1.52 -13.20	27.69 1.37 -2.42	31.68 1.73 -0.31	37.07 2.18 -3.04	35.40 2.00 -3.32	37.32 2.01 -4.75	37.78 1.22 -17.88	32.99 1.65 -4.24	42.31 1.06 -23.16	59.02 0.71 -46.03	82.20 1.85 -51.37	89.25 3.04 -40.69	100.84 1.80 -71.68	76.30 1.78 -47.08	70.02 1.80 -39.65	37.27 1.94 -4.78	41.01 1.28 -17.93
HEWLETT__69_KV_BK3 55828	31.51 1.71 -4.39	31.25 1.83 -0.51	29.94 1.70 0.00	32.60 1.84 0.00	32.26 1.81 0.00	33.40 1.98 -0.69	40.35 1.93 -11.55	40.81 1.79 -13.24	27.99 1.63 -2.45	32.95 2.06 -1.25	47.82 2.57 -13.40	47.10 2.35 -14.67	48.34 2.37 -15.41	47.49 1.44 -27.39	33.36 1.98 -4.28	42.54 1.29 -23.16	60.87 0.89 -47.71	82.62 2.19 -51.45	90.88 3.61 -41.75	106.67 2.19 -77.10	80.02 2.19 -50.38	73.23 2.17 -42.49	37.64 2.31 -4.78	41.25 1.52 -17.93
HICKLING__1 23621	27.03 0.04 -1.58	29.22 0.11 -0.18	28.41 0.17 0.00	31.04 0.29 0.00	30.70 0.25 0.00	31.24 0.27 -0.24	31.36 0.31 -4.19	30.78 0.21 -4.79	24.97 0.19 -0.88	29.94 0.27 -0.02	32.15 0.30 0.00	30.39 0.31 0.00	30.70 0.11 -0.03	23.25 0.02 -4.56	28.76 0.12 -1.54	23.28 0.11 -5.09	23.15 0.09 -10.78	41.69 0.31 -12.40	47.47 0.35 -1.59	34.52 0.04 -7.12	32.40 -0.06 -5.02	30.71 -0.18 -2.33	32.10 -0.18 -1.74	28.18 -0.13 -6.51
HICKLING__2 23622	27.03 0.04 -1.58	29.22 0.11 -0.18	28.41 0.17 0.00	31.04 0.29 0.00	30.70 0.25 0.00	31.24 0.27 -0.24	31.36 0.31 -4.19	30.78 0.21 -4.79	24.97 0.19 -0.88	29.94 0.27 -0.02	32.15 0.30 0.00	30.39 0.31 0.00	30.70 0.11 -0.03	23.25 0.02 -4.56	28.76 0.12 -1.54	23.28 0.11 -5.09	23.15 0.09 -10.78	41.69 0.31 -12.40	47.47 0.35 -1.59	34.52 0.04 -7.12	32.40 -0.06 -5.02	30.71 -0.18 -2.33	32.10 -0.18 -1.74	28.18 -0.13 -6.51
HIGH FALLS__HY 23754	30.94 1.15 -4.38	30.71 1.28 -0.51	29.47 1.23 0.00	32.06 1.31 0.00	31.72 1.28 0.00	32.79 1.39 -0.67	39.84 1.35 -11.63	40.37 1.30 -13.29	27.53 1.20 -2.43	31.18 1.48 -0.06	33.42 1.58 0.00	31.44 1.36 0.00	31.94 1.29 -0.09	32.09 0.77 -12.66	32.54 1.17 -4.26	33.03 0.81 -14.13	42.80 0.59 -29.94	65.03 1.63 -34.42	52.61 2.66 -4.43	48.71 1.57 -19.77	42.93 1.56 -13.94	36.56 1.53 -6.46	37.00 1.64 -4.82	40.96 1.09 -18.08
HILLBURN__GT 23639	30.55 0.98 -4.16	30.51 1.11 -0.48	29.29 1.05 0.00	31.84 1.08 0.00	31.48 1.03 0.00	32.54 1.18 -0.64	39.07 1.15 -11.05	39.51 1.11 -12.63	27.25 1.04 -2.31	31.05 1.35 -0.06	33.31 1.46 0.00	31.37 1.29 0.00	31.94 1.29 -0.08	31.47 0.76 -12.03	32.25 1.10 -4.05	19.26 0.68 -0.49	41.19 0.46 -28.46	62.98 1.28 -32.71	51.83 2.10 -4.21	47.37 1.22 -18.79	41.88 1.20 -13.24	35.88 1.17 -6.14	36.41 1.28 -4.58	39.84 0.87 -17.18
HILLSIDE_115KV_TB1 80332	26.76 -0.28 -1.63	28.85 -0.26 -0.19	28.01 -0.23 0.00	30.60 -0.15 0.00	30.26 -0.19 0.00	30.80 -0.18 -0.25	31.12 -0.08 -4.34	30.58 -0.15 -4.95	24.67 -0.13 -0.91	29.53 -0.14 -0.02	31.74 -0.11 0.00	30.05 -0.04 0.00	30.34 -0.25 -0.03	23.20 -0.19 -4.72	28.51 -0.18 -1.59	23.23 -0.13 -5.27	23.33 -0.11 -11.16	41.67 -0.15 -12.83	46.78 -0.39 -1.65	34.36 -0.38 -7.37	32.19 -0.43 -5.20	30.43 -0.55 -2.41	31.80 -0.54 -1.80	28.15 -0.38 -6.74
HISHELDN_WT_PWR 323625	26.06 -0.59 -1.24	28.53 -0.53 -0.14	27.84 -0.40 0.00	30.46 -0.30 0.00	30.10 -0.35 0.00	30.50 -0.42 -0.19	29.67 -0.49 -3.30	28.92 -0.63 -3.77	23.93 -0.66 -0.69	29.07 -0.59 -0.02	31.31 -0.54 0.00	29.51 -0.57 0.00	30.01 -0.58 -0.03	21.77 -0.49 -3.59	27.66 -0.65 -1.21	21.63 -0.47 -4.00	20.47 -0.29 -8.49	38.02 -0.71 -9.76	45.80 -0.97 -1.26	32.16 -0.81 -5.60	30.51 -0.88 -3.95	29.36 -1.04 -1.83	30.77 -1.15 -1.37	26.15 -0.76 -5.13
HOLTSVILLE_IC_1 23690	31.59 1.84 -4.34	31.33 1.91 -0.51	29.98 1.74 0.00	32.70 1.94 0.00	32.34 1.89 0.00	33.50 2.10 -0.67	40.51 2.10 -11.54	40.91 1.95 -13.18	28.05 1.74 -2.41	31.71 2.09 0.03	33.67 2.65 0.83	31.59 2.42 0.91	33.30 2.45 -0.30	33.76 1.53 -13.56	33.41 2.08 -4.22	42.66 1.41 -23.16	63.30 0.99 -50.03	83.31 2.55 -51.79	94.71 4.18 -45.02	106.34 2.47 -76.50	72.91 2.45 -43.02	64.88 2.46 -33.85	37.96 2.63 -4.78	41.41 1.68 -17.93

HOLTSVILLE_IC_10 23699	31.73 1.97 -4.34	31.47 2.05 -0.51	30.12 1.88 0.00	32.84 2.08 0.00	32.49 2.04 0.00	33.65 2.25 -0.67	40.65 2.25 -11.54	41.05 2.10 -13.18	28.17 1.86 -2.41	31.87 2.24 0.02	33.90 2.81 0.76	31.82 2.57 0.83	33.53 2.59 -0.38	33.93 1.62 -13.64	33.55 2.22 -4.22	42.76 1.51 -23.16	63.33 1.08 -49.97	83.53 2.77 -51.78	94.97 4.50 -44.95	106.48 2.67 -76.43	73.17 2.65 -43.08	65.17 2.66 -33.94	38.15 2.82 -4.78	41.53 1.80 -17.93
HOLTSVILLE_IC_2 23691	31.59 1.84 -4.34	31.33 1.91 -0.51	29.98 1.74 0.00	32.70 1.94 0.00	32.34 1.89 0.00	33.50 2.10 -0.67	40.51 2.10 -11.54	40.91 1.95 -13.18	28.05 1.74 -2.41	31.71 2.09 0.03	33.67 2.65 0.83	31.59 2.42 0.91	33.30 2.45 -0.30	33.76 1.53 -13.56	33.41 2.08 -4.22	42.66 1.41 -23.16	63.30 0.99 -50.03	83.31 2.55 -51.79	94.71 4.18 -45.02	106.34 2.47 -76.50	72.91 2.45 -43.02	64.88 2.46 -33.85	37.96 2.63 -4.78	41.41 1.68 -17.93
HOLTSVILLE_IC_3 23692	31.59 1.84 -4.34	31.33 1.91 -0.51	29.98 1.74 0.00	32.70 1.94 0.00	32.34 1.89 0.00	33.50 2.10 -0.67	40.51 2.10 -11.54	40.91 1.95 -13.18	28.05 1.74 -2.41	31.71 2.09 0.03	33.67 2.65 0.83	31.59 2.42 0.91	33.30 2.45 -0.30	33.76 1.53 -13.56	33.41 2.08 -4.22	42.66 1.41 -23.16	63.30 0.99 -50.03	83.31 2.55 -51.79	94.71 4.18 -45.02	106.34 2.47 -76.50	72.91 2.45 -43.02	64.88 2.46 -33.85	37.96 2.63 -4.78	41.41 1.68 -17.93
HOLTSVILLE_IC_4 23693	31.59 1.84 -4.34	31.33 1.91 -0.51	29.98 1.74 0.00	32.70 1.94 0.00	32.34 1.89 0.00	33.50 2.10 -0.67	40.51 2.10 -11.54	40.91 1.95 -13.18	28.05 1.74 -2.41	31.71 2.09 0.03	33.67 2.65 0.83	31.59 2.42 0.91	33.30 2.45 -0.30	33.76 1.53 -13.56	33.41 2.08 -4.22	42.66 1.41 -23.16	63.30 0.99 -50.03	83.31 2.55 -51.79	94.71 4.18 -45.02	106.34 2.47 -76.50	72.91 2.45 -43.02	64.88 2.46 -33.85	37.96 2.63 -4.78	41.41 1.68 -17.93
HOLTSVILLE_IC_5 23694	31.59 1.84 -4.34	31.33 1.91 -0.51	29.98 1.74 0.00	32.70 1.94 0.00	32.34 1.89 0.00	33.50 2.10 -0.67	40.51 2.10 -11.54	40.91 1.95 -13.18	28.05 1.74 -2.41	31.71 2.09 0.03	33.67 2.65 0.83	31.59 2.42 0.91	33.30 2.45 -0.30	33.76 1.53 -13.56	33.41 2.08 -4.22	42.66 1.41 -23.16	63.30 0.99 -50.03	83.31 2.55 -51.79	94.71 4.18 -45.02	106.34 2.47 -76.50	72.91 2.45 -43.02	64.88 2.46 -33.85	37.96 2.63 -4.78	41.41 1.68 -17.93
HOLTSVILLE_IC_6 23695	31.73 1.97 -4.34	31.47 2.05 -0.51	30.12 1.88 0.00	32.84 2.08 0.00	32.49 2.04 0.00	33.65 2.25 -0.67	40.65 2.25 -11.54	41.05 2.10 -13.18	28.17 1.86 -2.41	31.87 2.24 0.02	33.90 2.81 0.76	31.82 2.57 0.83	33.53 2.59 -0.38	33.93 1.62 -13.64	33.55 2.22 -4.22	42.76 1.51 -23.16	63.33 1.08 -49.97	83.53 2.77 -51.78	94.97 4.50 -44.95	106.48 2.67 -76.43	73.17 2.65 -43.08	65.17 2.66 -33.94	38.15 2.82 -4.78	41.53 1.80 -17.93
HOLTSVILLE_IC_7 23696	31.73 1.97 -4.34	31.47 2.05 -0.51	30.12 1.88 0.00	32.84 2.08 0.00	32.49 2.04 0.00	33.65 2.25 -0.67	40.65 2.25 -11.54	41.05 2.10 -13.18	28.17 1.86 -2.41	31.87 2.24 0.02	33.90 2.81 0.76	31.82 2.57 0.83	33.53 2.59 -0.38	33.93 1.62 -13.64	33.55 2.22 -4.22	42.76 1.51 -23.16	63.33 1.08 -49.97	83.53 2.77 -51.78	94.97 4.50 -44.95	106.48 2.67 -76.43	73.17 2.65 -43.08	65.17 2.66 -33.94	38.15 2.82 -4.78	41.53 1.80 -17.93
HOLTSVILLE_IC_8 23697	31.73 1.97 -4.34	31.47 2.05 -0.51	30.12 1.88 0.00	32.84 2.08 0.00	32.49 2.04 0.00	33.65 2.25 -0.67	40.65 2.25 -11.54	41.05 2.10 -13.18	28.17 1.86 -2.41	31.87 2.24 0.02	33.90 2.81 0.76	31.82 2.57 0.83	33.53 2.59 -0.38	33.93 1.62 -13.64	33.55 2.22 -4.22	42.76 1.51 -23.16	63.33 1.08 -49.97	83.53 2.77 -51.78	94.97 4.50 -44.95	106.48 2.67 -76.43	73.17 2.65 -43.08	65.17 2.66 -33.94	38.15 2.82 -4.78	41.53 1.80 -17.93
HOLTSVILLE_IC_9 23698	31.73 1.97 -4.34	31.47 2.05 -0.51	30.12 1.88 0.00	32.84 2.08 0.00	32.49 2.04 0.00	33.65 2.25 -0.67	40.65 2.25 -11.54	41.05 2.10 -13.18	28.17 1.86 -2.41	31.87 2.24 0.02	33.90 2.81 0.76	31.82 2.57 0.83	33.53 2.59 -0.38	33.93 1.62 -13.64	33.55 2.22 -4.22	42.76 1.51 -23.16	63.33 1.08 -49.97	83.53 2.77 -51.78	94.97 4.50 -44.95	106.48 2.67 -76.43	73.17 2.65 -43.08	65.17 2.66 -33.94	38.15 2.82 -4.78	41.53 1.80 -17.93
HOMER_HL_115KV_TB2 355744	26.57 -0.08 -1.24	29.17 0.10 -0.14	28.47 0.23 0.00	31.14 0.38 0.00	30.83 0.39 0.00	31.16 0.24 -0.19	30.10 -0.07 -3.30	29.26 -0.30 -3.78	24.28 -0.31 -0.69	29.54 -0.12 -0.02	31.94 0.09 0.00	30.34 0.25 0.00	30.78 0.19 -0.03	22.24 -0.03 -3.59	28.32 0.01 -1.21	21.96 -0.14 -4.01	20.63 -0.15 -8.51	38.34 -0.42 -9.78	46.50 -0.28 -1.26	32.57 -0.41 -5.62	30.91 -0.48 -3.96	29.91 -0.49 -1.84	31.44 -0.48 -1.37	26.64 -0.29 -5.13
HOWARD_WT_PWR 323690	26.50 -0.29 -1.38	28.94 -0.14 -0.16	28.21 -0.04 0.00	30.91 0.15 0.00	30.51 0.06 0.00	31.09 0.15 -0.21	30.79 0.26 -3.66	30.14 0.17 -4.19	24.84 0.17 -0.77	30.01 0.34 -0.02	32.19 0.34 0.00	30.34 0.25 0.00	30.75 0.16 -0.03	22.64 -0.02 -3.99	28.50 0.05 -1.34	22.62 0.09 -4.45	21.84 0.14 -9.43	40.19 0.37 -10.84	47.28 0.36 -1.40	33.43 -0.17 -6.23	31.44 -0.39 -4.39	29.95 -0.66 -2.03	31.46 -0.61 -1.52	27.01 -0.47 -5.69
HQ_GEN_CEDARS 23644	25.03 -0.57 -0.20	28.11 -0.83 -0.02	27.56 -0.68 0.00	30.58 -0.18 0.00	30.17 -0.28 0.00	29.99 -0.77 -0.03	26.66 -0.72 -0.52	25.65 -0.73 -0.59	22.88 -1.12 -0.11	28.53 -1.12 0.00	30.83 -1.02 0.00	28.85 -1.23 0.00	29.65 -0.91 0.00	18.57 -0.67 -0.56	26.52 -0.77 -0.19	18.17 -0.55 -0.63	13.26 -0.35 -1.34	29.15 -1.37 -1.54	43.22 -2.50 -0.20	27.18 -1.07 -0.88	27.41 -0.65 -0.62	28.15 -0.71 -0.29	30.09 -0.68 -0.21	22.23 -0.37 -0.81
HQ_GEN_CEDARS_PROXY 323590	25.03 -0.57 -0.20	28.11 -0.83 -0.02	27.56 -0.68 0.00	30.58 -0.18 0.00	30.17 -0.28 0.00	29.98 -0.77 -0.03	26.66 -0.72 -0.52	25.65 -0.73 -0.59	22.88 -1.12 -0.11	28.53 -1.12 0.00	30.83 -1.02 0.00	28.85 -1.23 0.00	29.66 -0.91 0.00	18.57 -0.67 -0.56	26.52 -0.77 -0.19	18.17 -0.55 -0.63	13.26 -0.35 -1.34	29.15 -1.36 -1.54	43.22 -2.50 -0.20	27.18 -1.07 -0.88	27.40 -0.66 -0.62	28.15 -0.71 -0.29	30.10 -0.66 -0.21	22.23 -0.37 -0.81
HQ_GEN_IMPORT 323601	25.41 0.00 0.00	28.92 0.00 0.00	28.24 0.00 0.00	30.76 0.00 0.00	30.44 0.00 0.00	30.73 0.00 0.00	26.86 0.00 0.00	25.78 0.00 0.00	23.90 0.00 0.00	29.65 0.00 0.00	31.85 0.00 0.00	30.08 0.00 0.00	30.56 0.00 0.00	18.67 0.00 0.00	27.11 0.00 0.00	18.09 0.00 0.00	12.27 0.00 0.00	32.67 0.00 -3.69	48.49 0.00 -2.97	27.37 0.00 0.00	27.44 0.00 0.00	28.57 0.00 0.00	30.55 0.00 0.00	21.80 0.00 0.00
HQ_GEN_WHEEL 23651	25.41 0.00 0.00	28.92 0.00 0.00	28.24 0.00 0.00	30.76 0.00 0.00	30.44 0.00 0.00	30.73 0.00 0.00	26.86 0.00 0.00	25.78 0.00 0.00	23.90 0.00 0.00	29.65 0.00 0.00	31.85 0.00 0.00	30.08 0.00 0.00	30.56 0.00 0.00	18.67 0.00 0.00	27.11 0.00 0.00	18.09 0.00 0.00	12.27 0.00 0.00	32.67 0.00 -3.69	48.49 0.00 -2.97	27.37 0.00 0.00	27.44 0.00 0.00	28.57 0.00 0.00	30.55 0.00 0.00	21.80 0.00 0.00

HUDSON AVE_GT_3 23810	30.86 1.11 -4.35	30.65 1.23 -0.51	29.38 1.14 0.00	31.94 1.18 0.00	31.58 1.13 0.00	32.67 1.28 -0.67	39.62 1.22 -11.53	40.13 1.17 -13.18	27.44 1.13 -2.41	31.20 1.49 -0.06	33.52 1.67 0.00	31.58 1.50 0.00	32.16 1.52 -0.09	32.13 0.90 -12.56	32.64 1.31 -4.22	42.15 0.82 -23.24	42.51 0.53 -29.70	64.53 1.41 -34.15	52.21 2.30 -4.40	48.35 1.37 -19.61	42.65 1.39 -13.82	36.35 1.37 -6.41	36.81 1.48 -4.78	40.69 0.97 -17.93
HUDSON AVE_GT_4 23540	30.86 1.11 -4.35	30.65 1.23 -0.51	29.38 1.14 0.00	31.94 1.18 0.00	31.58 1.13 0.00	32.67 1.28 -0.67	39.62 1.22 -11.53	40.13 1.17 -13.18	27.44 1.13 -2.41	31.20 1.49 -0.06	33.52 1.67 0.00	31.58 1.50 0.00	32.16 1.52 -0.09	32.13 0.90 -12.56	32.64 1.31 -4.22	42.15 0.82 -23.24	42.51 0.53 -29.70	64.53 1.41 -34.15	52.21 2.30 -4.40	48.35 1.37 -19.61	42.65 1.39 -13.82	36.35 1.37 -6.41	36.81 1.48 -4.78	40.69 0.97 -17.93
HUDSON AVE_GT_5 23657	30.86 1.11 -4.35	30.65 1.23 -0.51	29.38 1.14 0.00	31.94 1.18 0.00	31.58 1.13 0.00	32.67 1.28 -0.67	39.62 1.22 -11.53	40.13 1.17 -13.18	27.44 1.13 -2.41	31.20 1.49 -0.06	33.52 1.67 0.00	31.58 1.50 0.00	32.16 1.52 -0.09	32.13 0.90 -12.56	32.64 1.31 -4.22	42.15 0.82 -23.24	42.51 0.53 -29.70	64.53 1.41 -34.15	52.21 2.30 -4.40	48.35 1.37 -19.61	42.65 1.39 -13.82	36.35 1.37 -6.41	36.81 1.48 -4.78	40.69 0.97 -17.93
HUDSON_AVE_10 24168	30.74 0.98 -4.35	30.51 1.08 -0.51	29.24 1.01 0.00	31.78 1.02 0.00	31.42 0.97 0.00	32.51 1.11 -0.67	39.48 1.08 -11.53	40.00 1.04 -13.18	27.33 1.01 -2.41	31.05 1.34 -0.06	33.35 1.50 0.00	31.43 1.35 0.00	32.01 1.36 -0.09	32.03 0.80 -12.56	32.50 1.17 -4.22	42.06 0.73 -23.24	42.45 0.47 -29.70	64.39 1.26 -34.15	51.97 2.06 -4.40	48.21 1.23 -19.61	42.51 1.25 -13.82	36.21 1.23 -6.41	36.67 1.34 -4.78	40.58 0.86 -17.93
HUDSON___115KV_TB 4 355613	32.11 1.61 -5.09	31.38 1.87 -0.59	29.97 1.73 0.00	32.50 1.74 0.00	32.25 1.80 0.00	33.46 1.94 -0.78	42.09 1.69 -13.53	42.89 1.65 -15.46	28.20 1.47 -2.83	31.32 1.61 -0.07	33.30 1.45 0.00	31.62 1.54 0.00	32.30 1.64 -0.10	34.39 0.99 -14.72	33.54 1.48 -4.95	37.15 1.08 -17.98	47.91 0.81 -34.83	71.02 2.01 -40.04	53.89 3.22 -5.15	52.28 1.91 -23.00	45.51 1.86 -16.21	38.01 1.93 -7.51	38.14 1.99 -5.61	44.18 1.36 -21.03
HUNTER MOUNT___DRP 323613	32.26 1.87 -4.98	31.66 2.17 -0.58	30.26 2.01 0.00	32.81 2.05 0.00	32.56 2.12 0.00	33.76 2.27 -0.76	42.05 1.97 -13.22	42.80 1.91 -15.11	28.38 1.72 -2.76	31.55 1.83 -0.07	33.50 1.65 0.00	31.83 1.75 0.00	32.52 1.86 -0.10	34.19 1.13 -14.39	33.63 1.68 -4.84	35.40 1.25 -16.06	47.27 0.95 -34.04	70.47 2.36 -39.14	54.31 3.75 -5.04	52.07 2.22 -22.48	45.44 2.16 -15.85	38.15 2.23 -7.34	38.32 2.29 -5.48	43.93 1.58 -20.55
HUNTINGTON_RES_REC 323705	31.49 1.74 -4.34	31.23 1.81 -0.51	29.88 1.64 0.00	32.57 1.81 0.00	32.24 1.79 0.00	33.37 1.97 -0.67	40.38 1.98 -11.54	40.80 1.84 -13.18	27.94 1.64 -2.41	31.63 2.00 0.02	33.67 2.58 0.76	31.61 2.36 0.83	33.30 2.36 -0.39	33.79 1.47 -13.65	33.32 1.99 -4.22	42.59 1.34 -23.16	63.16 0.95 -49.93	83.21 2.45 -51.78	94.43 4.00 -44.92	106.12 2.36 -76.39	72.89 2.35 -43.11	64.88 2.32 -33.99	37.80 2.46 -4.78	41.30 1.57 -17.93
HUNTLEY___63 23557	25.94 -0.60 -1.14	28.49 -0.56 -0.13	27.78 -0.46 0.00	30.41 -0.35 0.00	30.03 -0.41 0.00	30.34 -0.57 -0.17	29.14 -0.75 -3.03	28.32 -0.91 -3.46	23.59 -0.94 -0.63	28.78 -0.89 -0.02	31.05 -0.80 0.00	29.24 -0.84 0.00	29.80 -0.78 -0.02	21.31 -0.66 -3.29	27.30 -0.92 -1.11	21.07 -0.70 -3.68	19.63 -0.44 -7.79	36.87 -1.07 -8.96	45.28 -1.40 -1.15	31.54 -0.97 -5.15	30.12 -0.95 -3.63	29.16 -1.09 -1.68	30.56 -1.24 -1.25	25.66 -0.84 -4.70
HUNTLEY___64 23558	25.94 -0.60 -1.14	28.49 -0.56 -0.13	27.78 -0.46 0.00	30.41 -0.35 0.00	30.03 -0.41 0.00	30.34 -0.57 -0.17	29.14 -0.75 -3.03	28.32 -0.91 -3.46	23.59 -0.94 -0.63	28.78 -0.89 -0.02	31.05 -0.80 0.00	29.24 -0.84 0.00	29.80 -0.78 -0.02	21.31 -0.66 -3.29	27.30 -0.92 -1.11	21.07 -0.70 -3.68	19.63 -0.44 -7.79	36.87 -1.07 -8.96	45.28 -1.40 -1.15	31.54 -0.97 -5.15	30.12 -0.95 -3.63	29.16 -1.09 -1.68	30.56 -1.24 -1.25	25.66 -0.84 -4.70
HUNTLEY___65 23559	25.94 -0.60 -1.14	28.49 -0.56 -0.13	27.78 -0.46 0.00	30.41 -0.35 0.00	30.03 -0.41 0.00	30.34 -0.57 -0.17	29.14 -0.75 -3.03	28.32 -0.91 -3.46	23.59 -0.94 -0.63	28.78 -0.89 -0.02	31.05 -0.80 0.00	29.24 -0.84 0.00	29.80 -0.78 -0.02	21.31 -0.66 -3.29	27.30 -0.92 -1.11	21.07 -0.70 -3.68	19.63 -0.44 -7.79	36.87 -1.07 -8.96	45.28 -1.40 -1.15	31.54 -0.97 -5.15	30.12 -0.95 -3.63	29.16 -1.09 -1.68	30.56 -1.24 -1.25	25.66 -0.84 -4.70
HUNTLEY___66 23560	25.94 -0.60 -1.14	28.49 -0.56 -0.13	27.78 -0.46 0.00	30.41 -0.35 0.00	30.03 -0.41 0.00	30.34 -0.57 -0.17	29.14 -0.75 -3.03	28.32 -0.91 -3.46	23.59 -0.94 -0.63	28.78 -0.89 -0.02	31.05 -0.80 0.00	29.24 -0.84 0.00	29.80 -0.78 -0.02	21.31 -0.66 -3.29	27.30 -0.92 -1.11	21.07 -0.70 -3.68	19.63 -0.44 -7.79	36.87 -1.07 -8.96	45.28 -1.40 -1.15	31.54 -0.97 -5.15	30.12 -0.95 -3.63	29.16 -1.09 -1.68	30.56 -1.24 -1.25	25.66 -0.84 -4.70
HUNTLEY___67 23561	25.85 -0.71 -1.15	28.36 -0.69 -0.13	27.66 -0.58 0.00	30.29 -0.47 0.00	29.90 -0.55 0.00	30.21 -0.70 -0.18	29.10 -0.82 -3.06	28.30 -0.98 -3.50	23.51 -1.03 -0.64	28.67 -0.99 -0.02	30.93 -0.92 0.00	29.15 -0.93 0.00	29.70 -0.88 -0.02	21.30 -0.71 -3.33	27.22 -1.01 -1.12	21.06 -0.75 -3.72	19.68 -0.48 -7.89	36.85 -1.19 -9.07	45.09 -1.60 -1.17	31.50 -1.07 -5.21	30.04 -1.07 -3.67	29.06 -1.21 -1.70	30.45 -1.37 -1.27	25.66 -0.90 -4.76
HUNTLEY___68 23562	25.85 -0.71 -1.15	28.36 -0.69 -0.13	27.66 -0.58 0.00	30.29 -0.47 0.00	29.90 -0.55 0.00	30.21 -0.70 -0.18	29.10 -0.82 -3.06	28.30 -0.98 -3.50	23.51 -1.03 -0.64	28.67 -0.99 -0.02	30.93 -0.92 0.00	29.15 -0.93 0.00	29.70 -0.88 -0.02	21.30 -0.71 -3.33	27.22 -1.01 -1.12	21.06 -0.75 -3.72	19.68 -0.48 -7.89	36.85 -1.19 -9.07	45.09 -1.60 -1.17	31.50 -1.07 -5.21	30.04 -1.07 -3.67	29.06 -1.21 -1.70	30.45 -1.37 -1.27	25.66 -0.90 -4.76
HYLAND___LFGE 323620	27.51 0.88 -1.23	30.13 1.07 -0.14	29.36 1.13 0.00	32.08 1.32 0.00	31.75 1.31 0.00	32.26 1.34 -0.19	31.30 1.19 -3.25	30.55 1.06 -3.71	25.42 0.84 -0.68	30.17 0.51 -0.02	32.04 0.19 0.00	30.22 0.14 0.00	30.74 0.16 -0.03	22.18 -0.03 -3.54	28.32 0.02 -1.19	22.07 0.04 -3.95	21.02 0.37 -8.37	39.89 1.29 -9.62	49.07 2.31 -1.24	34.08 1.19 -5.53	32.41 1.08 -3.89	31.28 0.91 -1.81	32.75 0.85 -1.35	27.42 0.57 -5.05
INDECK___CORINTH 23802	32.55 1.74 -5.40	31.54 1.99 -0.63	29.94 1.70 0.00	32.85 2.09 0.00	32.53 2.08 0.00	33.75 2.19 -0.83	43.16 1.95 -14.34	44.13 1.95 -16.39	28.56 1.66 -3.00	31.60 1.88 -0.07	33.67 1.82 0.00	31.83 1.75 0.00	32.36 1.69 -0.11	35.30 1.00 -15.63	33.33 0.96 -5.26	37.90 0.52 -19.29	49.61 0.36 -36.97	72.36 0.88 -42.50	52.29 1.31 -5.47	52.51 0.76 -24.38	45.37 0.75 -17.19	37.23 0.69 -7.97	37.40 0.91 -5.94	45.45 1.36 -22.29



INDECK___ILION 23567	25.78 0.23 -0.14	29.23 0.30 -0.02	28.50 0.27 0.00	31.02 0.27 0.00	30.74 0.29 0.00	31.12 0.37 -0.02	27.63 0.40 -0.37	26.61 0.41 -0.42	24.29 0.32 -0.08	29.96 0.31 0.00	32.09 0.24 0.00	30.32 0.24 0.00	30.85 0.29 0.00	19.33 0.25 -0.40	27.64 0.40 -0.13	18.83 0.29 -0.45	13.42 0.20 -0.94	30.52 0.45 -1.08	46.38 0.72 -0.14	28.42 0.42 -0.62	28.28 0.41 -0.44	29.17 0.40 -0.20	31.12 0.42 -0.15	22.65 0.29 -0.57
INDECK___OLEAN 23982	26.57 -0.08 -1.24	29.16 0.09 -0.14	28.47 0.23 0.00	31.12 0.37 0.00	30.83 0.39 0.00	31.15 0.23 -0.19	30.10 -0.07 -3.30	29.25 -0.30 -3.78	24.27 -0.32 -0.69	29.54 -0.12 -0.02	31.93 0.08 0.00	30.33 0.25 0.00	30.77 0.19 -0.03	22.23 -0.04 -3.59	28.32 0.01 -1.21	21.96 -0.14 -4.01	20.63 -0.15 -8.51	38.34 -0.42 -9.78	46.50 -0.28 -1.26	32.56 -0.43 -5.62	30.91 -0.48 -3.96	29.91 -0.49 -1.84	31.43 -0.49 -1.37	26.64 -0.29 -5.13
INDECK___OSWEGO 23783	25.63 -0.53 -0.75	28.39 -0.61 -0.09	27.65 -0.59 0.00	30.12 -0.64 0.00	29.82 -0.63 0.00	30.20 -0.64 -0.12	28.27 -0.59 -1.99	27.49 -0.57 -2.28	23.82 -0.50 -0.42	29.03 -0.62 -0.01	31.19 -0.66 0.00	29.49 -0.58 0.00	29.94 -0.63 -0.02	20.46 -0.38 -2.17	27.25 -0.59 -0.73	20.14 -0.37 -2.43	17.17 -0.24 -5.14	34.32 -0.56 -5.91	45.38 -0.90 -0.76	30.21 -0.55 -3.39	29.26 -0.57 -2.39	29.11 -0.57 -1.11	30.74 -0.63 -0.83	24.43 -0.47 -3.10
INDECK___YERKES 23781	25.96 -0.59 -1.14	28.51 -0.54 -0.13	27.81 -0.43 0.00	30.43 -0.33 0.00	30.06 -0.39 0.00	30.37 -0.54 -0.17	29.17 -0.73 -3.03	28.34 -0.89 -3.46	23.61 -0.93 -0.63	28.80 -0.86 -0.02	31.07 -0.78 0.00	29.27 -0.82 0.00	29.81 -0.77 -0.02	21.32 -0.65 -3.29	27.32 -0.89 -1.11	21.09 -0.68 -3.68	19.63 -0.43 -7.79	36.88 -1.05 -8.96	45.31 -1.37 -1.15	31.54 -0.98 -5.15	30.15 -0.91 -3.63	29.19 -1.06 -1.68	30.57 -1.23 -1.25	25.68 -0.82 -4.70
INDIAN POINT_GT_1 24139	30.71 0.99 -4.31	30.53 1.11 -0.50	29.29 1.05 0.00	31.84 1.08 0.00	31.49 1.04 0.00	32.56 1.17 -0.66	39.43 1.13 -11.43	39.93 1.08 -13.06	27.31 1.02 -2.39	31.03 1.32 -0.06	33.31 1.46 0.00	31.38 1.30 0.00	31.96 1.31 -0.09	31.90 0.78 -12.44	32.43 1.14 -4.19	43.57 0.71 -24.76	42.19 0.47 -29.44	64.12 1.29 -33.85	51.98 2.10 -4.36	48.04 1.24 -19.44	42.37 1.24 -13.70	36.13 1.21 -6.35	36.61 1.32 -4.74	40.44 0.88 -17.77
INDIAN POINT_GT_2 23659	30.71 0.99 -4.31	30.53 1.11 -0.50	29.29 1.05 0.00	31.84 1.08 0.00	31.49 1.04 0.00	32.56 1.17 -0.66	39.43 1.13 -11.43	39.93 1.08 -13.06	27.31 1.02 -2.39	31.03 1.32 -0.06	33.31 1.46 0.00	31.38 1.30 0.00	31.96 1.31 -0.09	31.90 0.78 -12.44	32.43 1.14 -4.19	43.57 0.71 -24.76	42.19 0.47 -29.44	64.12 1.29 -33.85	51.98 2.10 -4.36	48.04 1.24 -19.44	42.37 1.24 -13.70	36.13 1.21 -6.35	36.61 1.32 -4.74	40.44 0.88 -17.77
INDIAN POINT_GT_3 24019	30.71 0.99 -4.31	30.53 1.11 -0.50	29.29 1.05 0.00	31.84 1.08 0.00	31.49 1.04 0.00	32.56 1.17 -0.66	39.43 1.13 -11.43	39.93 1.08 -13.06	27.31 1.02 -2.39	31.03 1.32 -0.06	33.31 1.46 0.00	31.38 1.30 0.00	31.96 1.31 -0.09	31.90 0.78 -12.44	32.43 1.14 -4.19	43.57 0.71 -24.76	42.19 0.47 -29.44	64.12 1.29 -33.85	51.98 2.10 -4.36	48.04 1.24 -19.44	42.37 1.24 -13.70	36.13 1.21 -6.35	36.61 1.32 -4.74	40.44 0.88 -17.77
INDIAN POINT___2 23530	30.62 0.96 -4.25	30.49 1.08 -0.49	29.25 1.01 0.00	31.81 1.05 0.00	31.45 1.01 0.00	32.52 1.14 -0.65	39.27 1.11 -11.29	39.75 1.06 -12.91	27.26 1.00 -2.36	31.00 1.29 -0.06	33.26 1.41 0.00	31.34 1.26 0.00	31.92 1.27 -0.09	31.72 0.75 -12.29	32.33 1.09 -4.14	47.25 0.68 -28.47	41.80 0.45 -29.08	63.65 1.24 -33.43	51.86 2.04 -4.30	47.75 1.19 -19.20	42.15 1.19 -13.53	36.00 1.16 -6.27	36.50 1.27 -4.68	40.20 0.85 -17.55
INDIAN POINT___3 23531	30.70 0.98 -4.31	30.52 1.10 -0.50	29.27 1.03 0.00	31.82 1.07 0.00	31.48 1.03 0.00	32.55 1.16 -0.66	39.42 1.12 -11.44	39.92 1.07 -13.07	27.30 1.01 -2.39	31.01 1.30 -0.06	33.28 1.43 0.00	31.37 1.29 0.00	31.94 1.30 -0.09	31.89 0.77 -12.45	32.41 1.12 -4.19	43.85 0.70 -25.06	42.19 0.46 -29.46	64.11 1.26 -33.86	51.94 2.06 -4.36	48.03 1.21 -19.45	42.36 1.21 -13.71	36.10 1.18 -6.35	36.58 1.29 -4.74	40.44 0.87 -17.78
INGHAM_C_115KV_TB7 356103	25.96 0.41 -0.14	29.49 0.55 -0.02	28.71 0.47 0.00	31.18 0.43 0.00	30.94 0.50 0.00	31.46 0.71 -0.02	28.02 0.79 -0.37	27.02 0.82 -0.42	24.59 0.61 -0.08	30.19 0.54 0.00	32.17 0.32 0.00	30.44 0.36 0.00	30.99 0.44 0.00	19.53 0.46 -0.40	27.99 0.75 -0.13	19.09 0.56 -0.45	13.60 0.38 -0.94	30.95 0.89 -1.08	47.11 1.45 -0.14	28.84 0.85 -0.62	28.67 0.79 -0.44	29.56 0.79 -0.20	31.52 0.82 -0.15	22.94 0.58 -0.57
IP CORINTH___1 23988	32.55 1.74 -5.40	31.54 1.99 -0.63	29.94 1.70 0.00	32.85 2.09 0.00	32.53 2.08 0.00	33.75 2.19 -0.83	43.16 1.95 -14.34	44.13 1.95 -16.39	28.55 1.66 -3.00	31.60 1.88 -0.07	33.67 1.82 0.00	31.83 1.74 0.00	32.39 1.72 -0.11	35.34 1.04 -15.63	33.46 1.10 -5.26	38.00 0.61 -19.29	49.68 0.43 -36.97	72.52 1.05 -42.50	52.56 1.57 -5.47	52.67 0.92 -24.38	45.54 0.91 -17.19	37.39 0.86 -7.97	37.56 1.07 -5.94	45.47 1.38 -22.29
IP___TICONDEROGA 23804	33.36 2.55 -5.40	32.28 2.73 -0.62	30.63 2.39 0.00	33.67 2.92 0.00	33.44 3.00 0.00	34.76 3.20 -0.83	43.97 2.78 -14.32	44.99 2.84 -16.37	29.12 2.23 -2.99	32.31 2.60 -0.07	34.60 2.75 0.00	32.60 2.52 0.00	33.40 2.74 -0.11	36.11 1.82 -15.61	34.75 2.39 -5.25	38.93 1.56 -19.28	50.32 1.12 -36.92	74.02 2.60 -42.44	54.92 3.94 -5.46	54.03 2.31 -24.35	46.87 2.27 -17.17	38.77 2.24 -7.96	38.90 2.42 -5.94	45.96 1.90 -22.27
ISLIP_RES_REC 323679	31.82 2.07 -4.34	31.57 2.15 -0.51	30.21 1.97 0.00	32.95 2.19 0.00	32.61 2.16 0.00	33.76 2.37 -0.67	40.76 2.36 -11.54	41.16 2.20 -13.18	28.26 1.95 -2.41	31.99 2.36 0.02	34.07 2.93 0.71	31.98 2.68 0.78	33.71 2.71 -0.44	34.06 1.69 -13.69	33.66 2.33 -4.22	42.84 1.58 -23.16	63.34 1.14 -49.93	83.67 2.91 -51.77	95.18 4.76 -44.91	106.57 2.81 -76.39	73.36 2.80 -43.12	65.36 2.79 -34.00	38.29 2.96 -4.78	41.63 1.90 -17.93
JAMAICA__27_KV_LOAD 355505	30.82 1.07 -4.35	30.61 1.19 -0.51	29.33 1.09 0.00	31.84 1.09 0.00	31.48 1.04 0.00	32.58 1.19 -0.67	39.51 1.11 -11.53	40.05 1.09 -13.18	27.39 1.08 -2.41	31.13 1.42 -0.06	33.43 1.58 0.00	31.51 1.43 0.00	32.09 1.45 -0.09	32.08 0.86 -12.56	32.57 1.24 -4.22	42.12 0.79 -23.24	42.48 0.50 -29.70	64.46 1.33 -34.15	52.09 2.18 -4.40	48.31 1.33 -19.61	42.63 1.37 -13.82	36.33 1.35 -6.41	36.80 1.47 -4.78	40.63 0.91 -17.93
JANIS___SOLAR 323808	28.13 1.11 -1.62	30.49 1.38 -0.19	29.62 1.37 0.00	32.35 1.60 0.00	32.04 1.59 0.00	32.65 1.67 -0.25	32.71 1.55 -4.30	32.20 1.51 -4.91	26.21 1.41 -0.90	31.50 1.83 -0.02	33.73 1.88 0.00	31.66 1.58 0.00	31.87 1.28 -0.03	24.00 0.64 -4.68	29.77 1.09 -1.58	24.23 0.92 -5.22	24.11 0.76 -11.07	43.68 1.98 -12.72	50.22 3.06 -1.64	36.34 1.67 -7.30	34.18 1.59 -5.15	32.41 1.45 -2.39	33.85 1.52 -1.78	29.43 0.96 -6.68

JARVIS____ 23743	25.56 0.02 -0.14	28.96 0.02 -0.02	28.27 0.03 0.00	30.81 0.05 0.00	30.49 0.05 0.00	30.78 0.03 -0.02	27.26 0.03 -0.37	26.24 0.04 -0.42	24.00 0.02 -0.08	29.68 0.03 0.00	31.88 0.03 0.00	30.11 0.03 0.00	30.59 0.03 0.00	19.09 0.02 -0.40	27.29 0.05 -0.13	18.56 0.03 -0.45	13.23 0.01 -0.94	30.07 0.01 -1.08	45.66 0.00 -0.14	27.99 0.00 -0.62	27.89 0.01 -0.44	28.78 0.01 -0.20	30.71 0.01 -0.15	22.37 0.01 -0.57
JENNISON____1 23625	28.28 0.92 -1.95	30.35 1.21 -0.23	29.47 1.23 0.00	32.22 1.47 0.00	31.94 1.49 0.00	32.67 1.64 -0.30	33.62 1.58 -5.18	33.27 1.58 -5.91	26.50 1.52 -1.08	31.67 2.00 -0.03	34.01 2.15 0.00	32.02 1.94 0.00	32.38 1.78 -0.04	25.35 1.04 -5.64	30.57 1.57 -1.90	25.51 1.13 -6.29	26.42 0.81 -13.33	46.35 2.04 -15.33	50.55 3.05 -1.97	37.77 1.60 -8.80	35.12 1.48 -6.20	32.71 1.27 -2.88	34.07 1.38 -2.15	30.66 0.83 -8.05
JENNISON____2 23626	28.28 0.92 -1.95	30.35 1.21 -0.23	29.47 1.23 0.00	32.22 1.47 0.00	31.94 1.49 0.00	32.67 1.64 -0.30	33.62 1.58 -5.18	33.27 1.58 -5.91	26.50 1.52 -1.08	31.67 2.00 -0.03	34.01 2.15 0.00	32.02 1.94 0.00	32.38 1.78 -0.04	25.35 1.04 -5.64	30.57 1.57 -1.90	25.51 1.13 -6.29	26.42 0.81 -13.33	46.35 2.04 -15.33	50.55 3.05 -1.97	37.77 1.60 -8.80	35.12 1.48 -6.20	32.71 1.27 -2.88	34.07 1.38 -2.15	30.66 0.83 -8.05
JERICHO_RISE_WT_PWR 323719	24.85 -0.74 -0.18	28.04 -0.90 -0.02	27.54 -0.70 0.00	30.66 -0.09 0.00	30.25 -0.19 0.00	29.87 -0.89 -0.03	26.58 -0.77 -0.49	25.58 -0.76 -0.56	22.79 -1.21 -0.10	28.07 -1.58 0.00	30.33 -1.52 0.00	28.09 -1.99 0.00	28.89 -1.67 0.00	18.00 -1.20 -0.53	25.86 -1.42 -0.18	17.90 -0.78 -0.59	13.11 -0.42 -1.26	28.85 -1.57 -1.44	42.70 -3.01 -0.19	26.87 -1.32 -0.83	27.08 -0.94 -0.58	27.82 -1.02 -0.27	29.70 -1.05 -0.20	21.92 -0.63 -0.76
KATONAH____115KV_46KV_TB4 355592	31.03 1.22 -4.40	30.79 1.36 -0.51	29.52 1.28 0.00	32.10 1.34 0.00	31.76 1.32 0.00	32.85 1.44 -0.68	39.91 1.37 -11.68	40.44 1.32 -13.34	27.59 1.25 -2.44	31.32 1.61 -0.06	33.63 1.77 0.00	31.70 1.62 0.00	32.28 1.64 -0.09	32.37 0.99 -12.71	32.80 1.42 -4.28	38.72 0.90 -19.73	42.94 0.60 -30.07	65.14 1.59 -34.56	52.56 2.59 -4.45	48.75 1.53 -19.85	42.96 1.53 -13.99	36.57 1.51 -6.48	37.03 1.65 -4.84	41.04 1.09 -18.15
KCE_NY_1 323755	32.24 1.45 -5.39	31.21 1.66 -0.62	29.75 1.51 0.00	32.44 1.68 0.00	32.16 1.71 0.00	33.35 1.79 -0.83	42.80 1.63 -14.30	43.71 1.58 -16.35	28.25 1.36 -2.99	31.32 1.60 -0.07	33.45 1.60 0.00	31.60 1.52 0.00	32.25 1.58 -0.11	35.26 1.00 -15.58	33.72 1.37 -5.24	38.24 0.90 -19.26	49.76 0.61 -36.87	72.84 1.48 -42.37	53.29 2.31 -5.45	53.06 1.37 -24.32	45.92 1.34 -17.14	37.85 1.33 -7.95	37.96 1.49 -5.93	45.27 1.24 -22.23
KCE_NY_6_ESR 323823	26.11 -0.48 -1.18	28.63 -0.43 -0.14	27.92 -0.32 0.00	30.55 -0.21 0.00	30.17 -0.27 0.00	30.54 -0.37 -0.18	29.51 -0.49 -3.13	28.69 -0.66 -3.57	23.84 -0.72 -0.65	29.06 -0.60 -0.02	31.32 -0.53 0.00	29.55 -0.53 0.00	30.06 -0.52 -0.02	21.60 -0.48 -3.41	27.59 -0.66 -1.15	21.39 -0.50 -3.80	20.02 -0.32 -8.06	37.46 -0.79 -9.26	45.72 -0.99 -1.19	31.94 -0.75 -5.32	30.44 -0.75 -3.75	29.42 -0.89 -1.74	30.81 -1.03 -1.30	25.97 -0.68 -4.87
KEDC_PORT_JEFF_GT2 24210	31.68 1.93 -4.34	31.43 2.00 -0.51	30.07 1.83 0.00	32.79 2.03 0.00	32.44 1.99 0.00	33.59 2.20 -0.67	40.60 2.20 -11.54	41.01 2.05 -13.18	28.13 1.82 -2.41	31.82 2.20 0.03	33.83 2.77 0.79	31.74 2.53 0.87	33.46 2.56 -0.35	33.88 1.60 -13.61	33.51 2.18 -4.22	42.73 1.48 -23.16	63.32 1.06 -49.99	83.47 2.71 -51.78	94.91 4.42 -44.97	106.44 2.62 -76.45	73.09 2.59 -43.06	65.08 2.60 -33.91	38.09 2.76 -4.78	41.49 1.76 -17.93
KEDC_PORT_JEFF_GT3 24211	31.68 1.93 -4.34	31.43 2.00 -0.51	30.07 1.83 0.00	32.79 2.03 0.00	32.44 1.99 0.00	33.59 2.20 -0.67	40.60 2.20 -11.54	41.01 2.05 -13.18	28.13 1.82 -2.41	31.82 2.20 0.03	33.83 2.77 0.79	31.74 2.53 0.87	33.46 2.56 -0.35	33.88 1.60 -13.61	33.51 2.18 -4.22	42.73 1.48 -23.16	63.32 1.06 -49.99	83.47 2.71 -51.78	94.91 4.42 -44.97	106.44 2.62 -76.45	73.09 2.59 -43.06	65.08 2.60 -33.91	38.09 2.76 -4.78	41.49 1.76 -17.93
KEDC_GLWD_GT4 24219	31.19 1.43 -4.35	30.96 1.54 -0.51	29.66 1.42 0.00	32.29 1.53 0.00	31.94 1.49 0.00	33.05 1.65 -0.67	40.02 1.61 -11.54	40.49 1.52 -13.19	27.72 1.40 -2.42	31.68 1.78 -0.25	36.43 2.15 -2.44	34.71 1.97 -2.67	36.94 1.99 -4.39	37.63 1.20 -17.76	33.00 1.66 -4.23	42.31 1.06 -23.16	56.96 0.68 -44.00	82.15 1.77 -51.40	87.33 2.90 -38.91	98.13 1.71 -69.06	78.07 1.72 -48.91	72.77 1.79 -42.41	37.26 1.93 -4.78	41.01 1.28 -17.93
KEDC_GLWD_GT5 24220	31.19 1.43 -4.35	30.96 1.54 -0.51	29.66 1.42 0.00	32.29 1.53 0.00	31.94 1.49 0.00	33.05 1.65 -0.67	40.02 1.61 -11.54	40.49 1.52 -13.19	27.72 1.40 -2.42	31.68 1.78 -0.25	36.43 2.15 -2.44	34.71 1.97 -2.67	36.94 1.99 -4.39	37.63 1.20 -17.76	33.00 1.66 -4.23	42.31 1.06 -23.16	56.96 0.68 -44.00	82.15 1.77 -51.40	87.33 2.90 -38.91	98.13 1.71 -69.06	78.07 1.72 -48.91	72.77 1.79 -42.41	37.26 1.93 -4.78	41.01 1.28 -17.93
KENSICO____ 23655	30.81 1.06 -4.34	30.61 1.19 -0.51	29.35 1.11 0.00	31.90 1.14 0.00	31.56 1.11 0.00	32.64 1.24 -0.67	39.57 1.19 -11.52	40.08 1.14 -13.16	27.39 1.08 -2.41	31.11 1.40 -0.06	33.40 1.55 0.00	31.48 1.40 0.00	32.06 1.42 -0.09	32.05 0.84 -12.53	32.55 1.23 -4.22	42.71 0.77 -23.85	42.44 0.51 -29.65	64.43 1.36 -34.09	52.14 2.23 -4.39	48.27 1.32 -19.58	42.56 1.32 -13.80	36.26 1.30 -6.40	36.73 1.41 -4.77	40.64 0.94 -17.90
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	30.78 1.20 -4.17	30.74 1.34 -0.48	29.52 1.28 0.00	32.11 1.35 0.00	31.78 1.33 0.00	32.82 1.45 -0.64	39.32 1.39 -11.06	39.77 1.35 -12.65	27.45 1.23 -2.31	31.20 1.50 -0.06	33.42 1.57 0.00	31.47 1.38 0.00	31.97 1.33 -0.08	31.50 0.79 -12.04	32.35 1.19 -4.05	30.61 0.84 -11.68	41.38 0.61 -28.49	63.42 1.68 -32.75	52.47 2.73 -4.21	47.79 1.62 -18.81	42.30 1.60 -13.26	36.29 1.57 -6.15	36.82 1.69 -4.58	40.12 1.12 -17.20
KIAC_JFK_GT1 23816	30.74 0.98 -4.35	30.51 1.08 -0.51	29.23 1.00 0.00	31.75 0.99 0.00	31.39 0.94 0.00	32.48 1.08 -0.67	39.42 1.02 -11.53	39.96 1.00 -13.18	27.30 0.99 -2.41	31.03 1.32 -0.06	33.32 1.47 0.00	31.40 1.32 0.00	31.99 1.34 -0.09	32.02 0.79 -12.56	32.47 1.14 -4.22	42.05 0.72 -23.24	42.43 0.46 -29.70	64.35 1.22 -34.15	51.91 1.99 -4.40	48.20 1.23 -19.61	42.53 1.27 -13.82	36.22 1.24 -6.41	36.68 1.35 -4.78	40.56 0.83 -17.93
KIAC_JFK_GT2 23817	30.74 0.98 -4.35	30.51 1.08 -0.51	29.23 1.00 0.00	31.75 0.99 0.00	31.39 0.94 0.00	32.48 1.08 -0.67	39.42 1.02 -11.53	39.96 1.00 -13.18	27.30 0.99 -2.41	31.03 1.32 -0.06	33.32 1.47 0.00	31.40 1.32 0.00	31.99 1.34 -0.09	32.02 0.79 -12.56	32.47 1.14 -4.22	42.05 0.72 -23.24	42.43 0.46 -29.70	64.35 1.22 -34.15	51.91 1.99 -4.40	48.20 1.23 -19.61	42.53 1.27 -13.82	36.22 1.24 -6.41	36.68 1.35 -4.78	40.56 0.83 -17.93

KIAC_JFK____ 323774	30.74 0.98 -4.35	30.51 1.08 -0.51	29.23 1.00 0.00	31.75 0.99 0.00	31.39 0.94 0.00	32.47 1.08 -0.67	39.42 1.03 -11.53	39.96 1.00 -13.18	27.30 0.99 -2.41	31.03 1.33 -0.06	33.33 1.48 0.00	31.41 1.33 0.00	31.98 1.34 -0.09	32.02 0.79 -12.56	32.48 1.15 -4.22	42.05 0.72 -23.24	42.43 0.46 -29.70	64.35 1.22 -34.15	51.92 2.00 -4.40	48.21 1.23 -19.61	42.53 1.27 -13.82	36.22 1.24 -6.41	36.68 1.35 -4.78	40.56 0.83 -17.93
KINTIGH____ 23543	25.90 -0.57 -1.06	28.48 -0.57 -0.12	27.76 -0.48 0.00	30.37 -0.39 0.00	30.00 -0.45 0.00	30.31 -0.58 -0.16	29.00 -0.69 -2.82	28.19 -0.82 -3.23	23.61 -0.88 -0.59	28.79 -0.88 -0.01	31.05 -0.80 0.00	29.29 -0.79 0.00	29.85 -0.73 -0.02	21.18 -0.57 -3.08	27.32 -0.82 -1.04	20.90 -0.62 -3.43	19.16 -0.40 -7.28	36.35 -1.00 -8.37	45.26 -1.34 -1.08	31.31 -0.87 -4.80	29.95 -0.88 -3.39	29.14 -1.00 -1.57	30.61 -1.11 -1.17	25.48 -0.71 -4.39
KNTFSRNC_46_KV_46KV_LOAD 80397	25.31 -0.27 -0.18	28.58 -0.36 -0.02	28.06 -0.18 0.00	31.22 0.46 0.00	30.89 0.45 0.00	30.56 -0.20 -0.03	27.17 -0.17 -0.48	26.16 -0.16 -0.54	23.31 -0.69 -0.10	28.62 -1.03 0.00	30.88 -0.97 0.00	28.63 -1.45 0.00	29.43 -1.13 0.00	18.31 -0.88 -0.52	26.34 -0.94 -0.17	18.27 -0.40 -0.58	13.35 -0.14 -1.22	29.47 -0.91 -1.41	43.75 -1.95 -0.18	27.46 -0.72 -0.81	27.64 -0.37 -0.57	28.40 -0.43 -0.26	30.30 -0.45 -0.20	22.34 -0.19 -0.74
LACHUTE____HYDRO 323717	33.36 2.55 -5.40	32.28 2.73 -0.62	30.63 2.39 0.00	33.68 2.92 0.00	33.45 3.00 0.00	34.76 3.20 -0.83	43.97 2.78 -14.32	44.99 2.84 -16.37	29.12 2.22 -2.99	32.31 2.60 -0.07	34.60 2.75 0.00	32.60 2.52 0.00	33.40 2.74 -0.11	36.10 1.82 -15.61	34.75 2.39 -5.25	38.93 1.56 -19.28	50.32 1.12 -36.92	74.02 2.60 -42.44	54.92 3.94 -5.46	54.03 2.31 -24.35	46.87 2.27 -17.17	38.77 2.24 -7.96	38.90 2.42 -5.94	45.96 1.90 -22.27
LAWRNCV_115KV_TB1 80681	25.08 -0.56 -0.23	28.13 -0.81 -0.03	27.58 -0.66 0.00	30.59 -0.17 0.00	30.20 -0.25 0.00	30.05 -0.72 -0.04	26.79 -0.69 -0.61	25.78 -0.69 -0.70	22.95 -1.08 -0.13	28.55 -1.10 0.00	30.86 -0.99 0.00	28.89 -1.20 0.00	29.66 -0.90 0.00	18.65 -0.68 -0.67	26.45 -0.88 -0.22	18.20 -0.63 -0.74	13.42 -0.42 -1.57	29.32 -1.47 -1.81	43.11 -2.64 -0.23	27.23 -1.18 -1.04	27.42 -0.75 -0.73	28.18 -0.73 -0.34	30.10 -0.70 -0.25	22.35 -0.39 -0.95
LEDERLE____ 23769	30.67 1.06 -4.20	30.60 1.19 -0.49	29.37 1.13 0.00	31.93 1.18 0.00	31.58 1.13 0.00	32.64 1.27 -0.64	39.25 1.23 -11.15	39.71 1.18 -12.75	27.34 1.11 -2.33	31.14 1.43 -0.06	33.40 1.55 0.00	31.46 1.38 0.00	32.03 1.39 -0.08	31.64 0.82 -12.14	32.39 1.20 -4.08	18.00 0.74 0.83	41.50 0.50 -28.72	63.39 1.39 -33.02	52.04 2.27 -4.25	47.65 1.32 -18.96	42.11 1.31 -13.37	36.03 1.27 -6.20	36.55 1.39 -4.62	40.07 0.94 -17.33
LIGHTHSE_115KV_TB6 355974	25.79 -0.33 -0.70	28.57 -0.43 -0.08	27.86 -0.38 0.00	30.42 -0.34 0.00	30.13 -0.32 0.00	30.52 -0.31 -0.11	28.45 -0.29 -1.87	27.62 -0.29 -2.14	24.00 -0.29 -0.39	29.34 -0.31 -0.01	31.59 -0.27 0.00	29.89 -0.19 0.00	30.33 -0.24 -0.01	20.54 -0.17 -2.04	27.46 -0.33 -0.69	20.16 -0.21 -2.28	16.94 -0.16 -4.82	34.26 -0.26 -5.54	45.87 -0.36 -0.71	30.31 -0.24 -3.18	29.39 -0.29 -2.24	29.31 -0.30 -1.04	30.96 -0.36 -0.78	24.38 -0.33 -2.91
LINDEN COGEN____ 23786	30.66 0.91 -4.35	30.44 1.02 -0.51	29.17 0.93 0.00	31.71 0.95 0.00	31.36 0.91 0.00	32.45 1.06 -0.67	39.44 1.04 -11.53	39.96 1.00 -13.18	27.27 0.96 -2.41	30.97 1.27 -0.06	33.25 1.40 0.00	31.32 1.24 0.00	31.90 1.26 -0.09	31.97 0.74 -12.56	32.42 1.09 -4.22	41.99 0.66 -23.24	42.40 0.43 -29.70	64.30 1.17 -34.15	51.85 1.93 -4.40	48.12 1.14 -19.61	42.42 1.15 -13.82	36.12 1.14 -6.41	36.56 1.23 -4.78	40.53 0.80 -17.93
LINDHRST_69_KV_BK1 356055	31.64 1.88 -4.35	31.40 1.97 -0.51	30.04 1.80 0.00	32.73 1.97 0.00	32.40 1.95 0.00	33.53 2.13 -0.67	40.52 2.12 -11.54	40.96 2.00 -13.19	28.08 1.76 -2.41	31.92 2.18 -0.09	35.11 2.72 -0.54	33.18 2.50 -0.60	34.92 2.54 -1.83	35.24 1.56 -15.01	33.49 2.16 -4.23	42.66 1.41 -23.16	62.31 0.99 -49.05	83.10 2.49 -51.63	93.46 4.07 -43.87	105.15 2.44 -75.35	73.89 2.41 -44.04	66.27 2.41 -35.29	37.93 2.60 -4.78	41.42 1.69 -17.93
LIPA_MISC_IPP 23656	31.71 1.96 -4.34	31.45 2.02 -0.51	30.09 1.85 0.00	32.82 2.06 0.00	32.46 2.02 0.00	33.62 2.23 -0.67	40.63 2.23 -11.54	41.05 2.09 -13.18	28.14 1.83 -2.41	31.81 2.19 0.03	33.74 2.72 0.82	31.67 2.49 0.90	33.40 2.53 -0.31	33.83 1.58 -13.57	33.53 2.21 -4.22	42.74 1.49 -23.16	63.36 1.06 -50.02	83.49 2.72 -51.79	94.98 4.45 -45.00	106.51 2.65 -76.49	73.10 2.63 -43.03	65.08 2.64 -33.87	38.14 2.81 -4.78	41.52 1.79 -17.93
LISF____SOLAR 323691	31.75 2.00 -4.34	31.49 2.06 -0.51	30.13 1.89 0.00	32.86 2.10 0.00	32.51 2.07 0.00	33.66 2.26 -0.67	40.67 2.27 -11.54	41.08 2.12 -13.18	28.17 1.86 -2.41	31.83 2.21 0.03	33.78 2.75 0.81	31.71 2.52 0.89	33.44 2.56 -0.33	33.87 1.61 -13.59	33.52 2.20 -4.22	42.77 1.52 -23.16	63.37 1.09 -50.01	83.56 2.80 -51.79	95.09 4.57 -44.99	106.55 2.71 -76.48	73.17 2.70 -43.04	65.16 2.70 -33.88	38.19 2.86 -4.78	41.56 1.83 -17.93
LITTLE FALLS____HYD 24013	25.96 0.41 -0.14	29.49 0.55 -0.02	28.71 0.47 0.00	31.18 0.43 0.00	30.94 0.50 0.00	31.46 0.71 -0.02	28.02 0.79 -0.37	27.02 0.82 -0.42	24.59 0.61 -0.08	30.19 0.54 0.00	32.17 0.32 0.00	30.44 0.36 0.00	30.99 0.44 0.00	19.53 0.46 -0.40	27.99 0.75 -0.13	19.09 0.56 -0.45	13.60 0.38 -0.94	30.95 0.89 -1.08	47.11 1.45 -0.14	28.84 0.85 -0.62	28.67 0.79 -0.44	29.56 0.79 -0.20	31.52 0.82 -0.15	22.94 0.58 -0.57
LITTLRIV_115KV_TB1 356100	25.36 -0.28 -0.23	28.44 -0.51 -0.03	27.88 -0.36 0.00	30.92 0.17 0.00	30.53 0.08 0.00	30.39 -0.38 -0.04	27.11 -0.38 -0.63	26.11 -0.39 -0.71	23.21 -0.82 -0.13	28.84 -0.81 0.00	31.23 -0.62 0.00	29.19 -0.89 0.00	29.99 -0.57 0.00	18.87 -0.49 -0.68	26.73 -0.61 -0.23	18.41 -0.44 -0.76	13.62 -0.27 -1.61	29.76 -1.08 -1.85	43.74 -2.03 -0.24	27.61 -0.82 -1.06	27.79 -0.39 -0.75	28.53 -0.39 -0.35	30.46 -0.35 -0.26	22.61 -0.16 -0.97
LI_NEWBRDGE____DRP 323616	31.19 1.44 -4.34	30.91 1.48 -0.51	29.59 1.35 0.00	32.23 1.48 0.00	31.90 1.45 0.00	33.02 1.62 -0.66	40.03 1.63 -11.53	40.49 1.53 -13.18	27.67 1.37 -2.41	31.28 1.72 0.10	32.54 2.22 1.53	30.43 2.03 1.68	32.11 2.03 0.48	32.74 1.24 -12.82	33.01 1.69 -4.22	42.33 1.07 -23.16	63.58 0.73 -50.57	82.73 1.89 -51.87	94.27 3.10 -45.64	106.36 1.84 -77.15	71.74 1.85 -42.45	63.44 1.82 -33.06	37.29 1.96 -4.78	41.00 1.27 -17.93
LOCKPORT_115KV_TB60_63_64 80432	25.84 -0.68 -1.11	28.44 -0.60 -0.13	27.73 -0.51 0.00	30.35 -0.41 0.00	29.97 -0.48 0.00	30.27 -0.63 -0.17	28.94 -0.88 -2.96	28.08 -1.08 -3.38	23.43 -1.09 -0.62	28.57 -1.09 -0.02	30.84 -1.01 0.00	29.04 -1.04 0.00	29.61 -0.97 -0.02	21.12 -0.77 -3.22	27.10 -1.09 -1.08	20.87 -0.82 -3.59	19.37 -0.52 -7.62	36.47 -1.26 -8.75	44.97 -1.68 -1.13	31.27 -1.13 -5.03	29.89 -1.09 -3.55	28.99 -1.23 -1.64	30.37 -1.41 -1.23	25.45 -0.94 -4.60

LOCKPORT___CC1 323769	25.83 -0.69 -1.12	28.42 -0.63 -0.13	27.71 -0.53 0.00	30.31 -0.44 0.00	29.94 -0.50 0.00	30.25 -0.65 -0.17	28.96 -0.87 -2.97	28.10 -1.07 -3.39	23.42 -1.10 -0.62	28.57 -1.10 -0.02	30.82 -1.03 0.00	29.03 -1.05 0.00	29.60 -0.98 -0.02	21.14 -0.77 -3.23	27.09 -1.10 -1.09	20.89 -0.81 -3.61	19.41 -0.52 -7.65	36.50 -1.28 -8.79	44.97 -1.68 -1.13	31.26 -1.16 -5.05	29.90 -1.10 -3.56	28.98 -1.24 -1.65	30.36 -1.42 -1.23	25.47 -0.94 -4.62
LOCKPORT___CC2 323770	25.83 -0.69 -1.12	28.42 -0.63 -0.13	27.71 -0.53 0.00	30.31 -0.44 0.00	29.94 -0.50 0.00	30.25 -0.65 -0.17	28.96 -0.87 -2.97	28.10 -1.07 -3.39	23.42 -1.10 -0.62	28.57 -1.10 -0.02	30.82 -1.03 0.00	29.03 -1.05 0.00	29.60 -0.98 -0.02	21.14 -0.77 -3.23	27.09 -1.10 -1.09	20.89 -0.81 -3.61	19.41 -0.52 -7.65	36.50 -1.28 -8.79	44.97 -1.68 -1.13	31.26 -1.16 -5.05	29.90 -1.10 -3.56	28.98 -1.24 -1.65	30.36 -1.42 -1.23	25.47 -0.94 -4.62
LOCKPORT___CC3 323771	25.83 -0.69 -1.12	28.42 -0.63 -0.13	27.71 -0.53 0.00	30.31 -0.44 0.00	29.94 -0.50 0.00	30.25 -0.65 -0.17	28.96 -0.87 -2.97	28.10 -1.07 -3.39	23.42 -1.10 -0.62	28.57 -1.10 -0.02	30.82 -1.03 0.00	29.03 -1.05 0.00	29.60 -0.98 -0.02	21.14 -0.77 -3.23	27.09 -1.10 -1.09	20.89 -0.81 -3.61	19.41 -0.52 -7.65	36.50 -1.28 -8.79	44.97 -1.68 -1.13	31.26 -1.16 -5.05	29.90 -1.10 -3.56	28.98 -1.24 -1.65	30.36 -1.42 -1.23	25.47 -0.94 -4.62
LONG_LAKE_PHOENIX 24014	25.80 -0.39 -0.78	28.56 -0.45 -0.09	27.81 -0.43 0.00	30.29 -0.47 0.00	29.96 -0.48 0.00	30.35 -0.50 -0.12	28.48 -0.45 -2.07	27.71 -0.44 -2.37	23.96 -0.37 -0.43	29.20 -0.45 -0.01	31.38 -0.47 0.00	29.68 -0.41 0.00	30.12 -0.46 -0.02	20.65 -0.27 -2.25	27.44 -0.43 -0.76	20.33 -0.27 -2.51	17.44 -0.16 -5.33	34.72 -0.38 -6.12	45.69 -0.62 -0.79	30.50 -0.39 -3.52	29.51 -0.40 -2.48	29.31 -0.41 -1.15	30.94 -0.46 -0.86	24.67 -0.33 -3.22
LOVETT___3 23632	30.56 0.94 -4.21	30.46 1.05 -0.49	29.23 0.99 0.00	31.78 1.02 0.00	31.43 0.99 0.00	32.49 1.12 -0.65	39.15 1.10 -11.19	39.62 1.05 -12.79	27.23 0.99 -2.34	30.97 1.26 -0.06	33.24 1.39 0.00	31.31 1.23 0.00	31.88 1.23 -0.08	31.58 0.73 -12.18	32.26 1.06 -4.10	17.43 0.65 1.31	41.53 0.44 -28.81	63.33 1.22 -33.13	51.78 2.00 -4.26	47.55 1.16 -19.02	42.00 1.15 -13.41	35.90 1.12 -6.21	36.41 1.23 -4.64	40.02 0.83 -17.39
LOVETT___4 23642	30.56 0.94 -4.21	30.46 1.05 -0.49	29.23 0.99 0.00	31.78 1.02 0.00	31.43 0.99 0.00	32.49 1.12 -0.65	39.15 1.10 -11.19	39.62 1.05 -12.79	27.23 0.99 -2.34	30.97 1.26 -0.06	33.24 1.39 0.00	31.31 1.23 0.00	31.88 1.23 -0.08	31.58 0.73 -12.18	32.26 1.06 -4.10	17.43 0.65 1.31	41.53 0.44 -28.81	63.33 1.22 -33.13	51.78 2.00 -4.26	47.55 1.16 -19.02	42.00 1.15 -13.41	35.90 1.12 -6.21	36.41 1.23 -4.64	40.02 0.83 -17.39
LOVETT___5 23593	30.56 0.94 -4.21	30.46 1.05 -0.49	29.23 0.99 0.00	31.78 1.02 0.00	31.43 0.99 0.00	32.49 1.12 -0.65	39.15 1.10 -11.19	39.62 1.05 -12.79	27.23 0.99 -2.34	30.97 1.26 -0.06	33.24 1.39 0.00	31.31 1.23 0.00	31.88 1.23 -0.08	31.58 0.73 -12.18	32.26 1.06 -4.10	17.43 0.65 1.31	41.53 0.44 -28.81	63.33 1.22 -33.13	51.78 2.00 -4.26	47.55 1.16 -19.02	42.00 1.15 -13.41	35.90 1.12 -6.21	36.41 1.23 -4.64	40.02 0.83 -17.39
LOWER_RAQUET___HYD 24057	25.10 -0.55 -0.24	28.14 -0.81 -0.03	27.59 -0.65 0.00	30.60 -0.16 0.00	30.21 -0.24 0.00	30.06 -0.70 -0.04	26.82 -0.68 -0.64	25.84 -0.67 -0.73	22.97 -1.06 -0.13	28.55 -1.10 0.00	30.87 -0.98 0.00	28.89 -1.19 0.00	29.67 -0.90 0.00	18.68 -0.68 -0.70	26.42 -0.92 -0.23	18.20 -0.67 -0.78	13.47 -0.45 -1.65	29.37 -1.50 -1.89	43.08 -2.68 -0.24	27.24 -1.21 -1.09	27.42 -0.78 -0.77	28.19 -0.74 -0.36	30.12 -0.69 -0.27	22.39 -0.40 -0.99
LOWER___HUDSON 24059	31.70 0.99 -5.30	30.68 1.15 -0.61	29.30 1.06 0.00	31.86 1.11 0.00	31.59 1.15 0.00	32.75 1.21 -0.81	42.01 1.08 -14.07	42.90 1.04 -16.08	27.75 0.91 -2.94	30.84 1.13 -0.07	32.99 1.14 0.00	31.18 1.10 -0.11	31.85 1.18 -15.32	34.73 0.74 -5.16	33.31 1.05 -19.06	37.83 0.68 -19.06	48.97 0.45 -36.24	71.74 1.10 -41.66	52.65 1.77 -5.36	52.33 1.04 -23.92	45.32 1.03 -16.86	37.45 1.07 -7.81	37.54 1.16 -5.83	44.56 0.90 -21.87
LOWVILLE_115KV_TB2 356335	25.75 -0.03 -0.37	28.84 -0.12 -0.04	28.23 -0.02 0.00	30.97 0.21 0.00	30.69 0.24 0.00	31.02 0.23 -0.06	28.03 0.17 -0.99	27.07 0.15 -1.13	24.13 0.03 -0.21	29.73 0.08 0.00	32.14 0.29 0.00	30.39 0.31 0.00	30.88 0.31 -0.01	19.89 0.13 -1.08	27.61 0.14 -0.36	19.34 0.04 -1.20	14.82 -0.01 -2.55	32.06 0.15 -2.94	46.21 0.31 -0.38	29.28 0.22 -1.69	28.82 0.19 -1.19	29.14 0.02 -0.55	30.98 0.02 -0.41	23.22 -0.12 -1.54
LUTHERFT_115KV_GLOB_FND_222 355753	32.23 1.43 -5.39	31.19 1.64 -0.62	29.75 1.50 0.00	32.42 1.67 0.00	32.14 1.70 0.00	33.34 1.78 -0.83	42.76 1.59 -14.30	43.68 1.56 -16.35	28.24 1.35 -2.99	31.31 1.59 -0.07	33.45 1.59 0.00	31.59 1.51 0.00	32.25 1.59 -0.11	35.25 0.99 -15.58	33.70 1.35 -5.24	38.23 0.88 -19.26	49.75 0.60 -36.87	72.81 1.46 -42.37	53.24 2.27 -5.45	53.03 1.34 -24.32	45.90 1.32 -17.14	37.85 1.33 -7.95	37.94 1.47 -5.93	45.25 1.22 -22.23
LUTHERNY_35_KV_BK2 355980	32.24 1.45 -5.39	31.21 1.66 -0.62	29.75 1.51 0.00	32.44 1.68 0.00	32.16 1.71 0.00	33.35 1.79 -0.83	42.80 1.63 -14.30	43.71 1.58 -16.35	28.25 1.36 -2.99	31.32 1.60 -0.07	33.45 1.60 0.00	31.60 1.52 0.00	32.25 1.58 -0.11	35.26 1.00 -15.58	33.71 1.36 -5.24	38.24 0.90 -19.26	49.76 0.61 -36.87	72.84 1.48 -42.37	53.29 2.31 -5.45	53.06 1.37 -24.32	45.92 1.34 -17.14	37.85 1.33 -7.95	37.96 1.49 -5.93	45.27 1.24 -22.23
LWR___OSWEGATCHIE_HYD 23850	25.23 -0.50 -0.32	28.24 -0.72 -0.04	27.66 -0.58 0.00	30.53 -0.23 0.00	30.20 -0.25 0.00	30.29 -0.49 -0.05	27.26 -0.47 -0.86	26.29 -0.48 -0.98	23.36 -0.72 -0.18	28.90 -0.75 0.00	31.24 -0.61 0.00	29.40 -0.68 0.00	30.02 -0.54 -0.01	19.17 -0.44 -0.94	26.79 -0.63 -0.32	18.67 -0.46 -1.04	14.15 -0.33 -2.21	30.63 -0.90 -2.54	44.31 -1.54 -0.33	28.12 -0.71 -1.46	27.95 -0.51 -1.03	28.47 -0.58 -0.48	30.33 -0.58 -0.35	22.70 -0.43 -1.33
LYONS_FALL_HYD 23570	25.93 0.17 -0.34	29.11 0.15 -0.04	28.46 0.22 0.00	31.14 0.38 0.00	30.85 0.40 0.00	31.18 0.40 -0.05	28.14 0.35 -0.91	27.16 0.34 -1.04	24.34 0.25 -0.19	30.01 0.35 0.00	32.36 0.51 0.00	30.59 0.51 0.00	31.07 0.51 -0.01	19.94 0.27 -0.99	27.81 0.37 -0.34	19.42 0.22 -1.11	14.75 0.12 -2.36	32.09 0.40 -2.71	46.51 0.64 -0.35	29.33 0.41 -1.56	28.91 0.38 -1.10	29.34 0.27 -0.51	31.20 0.27 -0.38	23.31 0.10 -1.42
MADISON___COUNTY_LFGE 323628	26.52 0.58 -0.52	29.67 0.69 -0.06	28.96 0.72 0.00	31.59 0.83 0.00	31.27 0.82 0.00	31.66 0.85 -0.08	29.02 0.77 -1.39	28.10 0.74 -1.59	24.89 0.69 -0.29	30.56 0.91 -0.01	32.86 1.01 0.00	31.05 0.97 0.00	31.51 0.95 -0.01	20.76 0.58 -1.51	28.46 0.85 -0.51	20.35 0.57 -1.69	16.24 0.40 -3.57	34.02 0.93 -4.11	47.43 1.38 -0.53	30.51 0.79 -2.36	29.86 0.76 -1.66	30.06 0.72 -0.77	31.85 0.73 -0.57	24.42 0.47 -2.16

MALONE___115KV_TB1 356076	25.32 -0.29 -0.20	28.52 -0.43 -0.02	27.98 -0.26 0.00	31.10 0.35 0.00	30.72 0.27 0.00	30.42 -0.34 -0.03	27.09 -0.30 -0.52	26.09 -0.29 -0.60	23.25 -0.76 -0.11	28.69 -0.96 0.00	30.99 -0.86 0.00	28.79 -1.29 0.00	29.57 -0.99 0.00	18.46 -0.79 -0.57	26.42 -0.87 -0.19	18.27 -0.46 -0.64	13.41 -0.22 -1.35	29.49 -1.05 -1.56	43.60 -2.13 -0.20	27.43 -0.83 -0.89	27.63 -0.44 -0.63	28.36 -0.50 -0.29	30.25 -0.52 -0.22	22.35 -0.26 -0.82
MAPLEWOD_115KV_TB3 80458	31.49 0.81 -5.27	30.48 0.95 -0.61	29.14 0.90 0.00	31.62 0.86 0.00	31.35 0.90 0.00	32.49 0.95 -0.81	41.70 0.83 -14.00	42.57 0.79 -16.00	27.60 0.77 -2.93	30.64 0.92 -0.07	32.74 0.89 0.00	30.99 0.91 0.00	31.62 0.96 -0.11	34.52 0.59 -15.25	33.13 0.89 -5.13	37.63 0.58 -18.96	48.73 0.38 -36.07	71.37 0.92 -41.47	52.36 1.51 -5.34	52.07 0.89 -23.81	45.11 0.89 -16.78	37.29 0.94 -7.78	37.34 0.99 -5.80	44.27 0.71 -21.77
MAPLE_RIDGE_WT_1 323574	25.08 -0.44 -0.11	28.39 -0.54 -0.01	27.78 -0.46 0.00	30.48 -0.28 0.00	30.14 -0.31 0.00	30.20 -0.55 -0.02	26.60 -0.57 -0.30	25.62 -0.50 -0.34	23.37 -0.59 -0.06	28.95 -0.70 0.00	31.23 -0.62 0.00	29.36 -0.72 0.00	29.94 -0.62 0.00	18.58 -0.42 -0.32	26.68 -0.53 -0.11	18.02 -0.43 -0.36	12.73 -0.31 -0.77	29.01 -0.86 -0.88	44.19 -1.45 -0.11	27.09 -0.78 -0.51	27.07 -0.72 -0.36	27.99 -0.75 -0.17	29.92 -0.75 -0.12	21.75 -0.50 -0.46
MAPLE_RIDGE_WT_2 323611	25.08 -0.44 -0.11	28.39 -0.54 -0.01	27.78 -0.46 0.00	30.48 -0.28 0.00	30.14 -0.31 0.00	30.20 -0.55 -0.02	26.60 -0.57 -0.30	25.62 -0.50 -0.34	23.37 -0.59 -0.06	28.95 -0.70 0.00	31.23 -0.62 0.00	29.36 -0.72 0.00	29.94 -0.62 0.00	18.58 -0.42 -0.32	26.68 -0.53 -0.11	18.02 -0.43 -0.36	12.73 -0.31 -0.77	29.01 -0.86 -0.88	44.19 -1.45 -0.11	27.09 -0.78 -0.51	27.07 -0.72 -0.36	27.99 -0.75 -0.17	29.92 -0.75 -0.12	21.75 -0.50 -0.46
MARBLE_RIVER_WT_PWR 323696	24.86 -0.72 -0.18	28.10 -0.84 -0.02	27.59 -0.65 0.00	30.72 -0.04 0.00	30.36 -0.08 0.00	29.96 -0.80 -0.03	26.66 -0.68 -0.47	25.65 -0.67 -0.54	22.86 -1.14 -0.10	28.10 -1.55 0.00	30.37 -1.49 0.00	28.12 -1.96 0.00	28.90 -1.66 0.00	17.99 -1.19 -0.51	25.87 -1.41 -0.17	17.93 -0.73 -0.57	13.11 -0.38 -1.21	28.90 -1.47 -1.39	42.84 -2.86 -0.18	26.93 -1.24 -0.80	27.12 -0.88 -0.56	27.88 -0.95 -0.26	29.76 -0.98 -0.19	21.95 -0.57 -0.73
MARSHVLE_115KV_TB1 80742	33.28 1.30 -6.58	31.16 1.48 -0.76	29.70 1.46 0.00	32.48 1.73 0.00	32.14 1.69 0.00	33.43 1.69 -1.01	45.79 1.46 -17.46	47.16 1.43 -19.95	28.84 1.29 -3.65	31.22 1.48 -0.09	33.64 1.79 0.00	31.61 1.53 0.00	32.32 1.63 -0.13	38.72 1.03 -19.02	35.11 1.61 -6.40	40.33 1.01 -21.23	58.00 0.73 -45.00	82.49 1.79 -51.72	54.84 2.67 -6.65	58.61 1.56 -29.68	49.91 1.55 -20.92	39.92 1.65 -9.70	39.47 1.68 -7.23	50.07 1.14 -27.14
MARSH_HILL_WT_PWR 323713	26.46 -0.32 -1.37	28.90 -0.18 -0.16	28.17 -0.08 0.00	30.87 0.11 0.00	30.46 0.01 0.00	31.04 0.10 -0.21	30.72 0.21 -3.64	30.06 0.12 -4.16	24.80 0.13 -0.76	29.95 0.28 -0.02	32.13 0.28 0.00	30.29 0.21 0.00	30.70 0.12 -0.03	22.59 -0.05 -3.96	28.46 0.02 -1.33	22.57 0.06 -4.42	21.77 0.11 -9.38	40.07 0.31 -10.78	47.18 0.27 -1.39	33.33 -0.23 -6.19	31.35 -0.45 -4.36	29.87 -0.72 -2.02	31.40 -0.66 -1.51	26.94 -0.51 -5.66
MCINTYRE_115KV_TB2 80467	25.48 -0.15 -0.23	28.57 -0.38 -0.03	28.01 -0.23 0.00	31.08 0.33 0.00	30.69 0.24 0.00	30.53 -0.23 -0.04	27.22 -0.25 -0.60	26.21 -0.26 -0.69	23.29 -0.74 -0.12	28.92 -0.73 0.00	31.35 -0.50 0.00	29.26 -0.82 0.00	30.08 -0.48 0.00	18.91 -0.42 -0.66	26.84 -0.49 -0.22	18.48 -0.34 -0.73	13.65 -0.17 -1.55	29.89 -0.87 -1.78	44.04 -1.71 -0.23	27.77 -0.62 -1.03	27.97 -0.19 -0.72	28.68 -0.23 -0.33	30.60 -0.20 -0.25	22.68 -0.05 -0.94
MECO___69_KV_BK1 80468	33.49 1.82 -6.26	31.72 2.08 -0.73	30.23 1.99 0.00	32.97 2.21 0.00	32.59 2.15 0.00	33.98 2.29 -0.96	45.50 2.02 -16.61	46.67 1.90 -18.99	28.57 1.20 -3.47	30.49 0.76 -0.08	32.77 0.92 0.00	30.76 0.68 0.00	31.94 1.26 -0.13	37.96 1.19 -18.10	35.21 2.02 -6.09	39.69 1.40 -20.21	56.15 1.05 -42.82	80.60 2.40 -49.22	55.40 3.55 -6.33	57.73 2.12 -28.24	49.42 2.07 -19.91	39.91 2.11 -9.23	39.66 2.22 -6.88	49.14 1.53 -25.83
MENANDS___115KV_TB5 355628	31.35 0.67 -5.27	30.33 0.80 -0.61	29.00 0.76 0.00	31.44 0.68 0.00	31.18 0.73 0.00	32.31 0.78 -0.81	41.50 0.66 -13.98	42.38 0.63 -15.98	27.47 0.64 -2.92	30.49 0.78 -0.07	32.57 0.72 0.00	30.86 0.78 0.00	31.48 0.81 -0.11	34.39 0.50 -15.22	32.96 0.74 -5.12	37.49 0.47 -18.93	48.59 0.31 -36.00	71.10 0.73 -41.39	52.05 1.20 -5.33	51.86 0.72 -23.76	44.91 0.72 -16.75	37.11 0.78 -7.76	37.16 0.82 -5.79	44.10 0.58 -21.73
MG INDUSTRY___DRP 24185	31.23 0.60 -5.22	30.24 0.71 -0.61	28.92 0.67 0.00	31.38 0.63 0.00	31.11 0.66 0.00	32.24 0.71 -0.80	41.34 0.62 -13.86	42.19 0.58 -15.84	27.38 0.58 -2.90	30.42 0.71 -0.07	32.54 0.69 0.00	30.80 0.71 0.00	31.39 0.73 -0.10	34.18 0.44 -15.07	32.82 0.64 -5.07	37.21 0.41 -18.71	48.20 0.27 -35.66	70.63 0.65 -41.00	51.88 1.08 -5.28	51.59 0.66 -23.56	44.70 0.66 -16.61	36.96 0.70 -7.70	37.04 0.75 -5.74	43.86 0.52 -21.54
MID___OSWEGATCHIE_HYD 23849	25.23 -0.50 -0.32	28.24 -0.72 -0.04	27.66 -0.58 0.00	30.53 -0.23 0.00	30.20 -0.25 0.00	30.29 -0.49 -0.05	27.26 -0.47 -0.86	26.29 -0.48 -0.98	23.36 -0.72 -0.18	28.90 -0.75 0.00	31.24 -0.61 0.00	29.40 -0.68 0.00	30.02 -0.54 -0.01	19.17 -0.44 -0.94	26.79 -0.63 -0.32	18.67 -0.46 -1.04	14.15 -0.33 -2.21	30.63 -0.90 -2.54	44.31 -1.54 -0.33	28.12 -0.71 -1.46	27.95 -0.51 -1.03	28.47 -0.58 -0.48	30.33 -0.58 -0.35	22.70 -0.43 -1.33
MID___RAQUETTE_HYD 23851	25.10 -0.55 -0.24	28.14 -0.81 -0.03	27.59 -0.65 0.00	30.60 -0.16 0.00	30.21 -0.24 0.00	30.07 -0.70 -0.04	26.82 -0.68 -0.64	25.84 -0.67 -0.73	22.97 -1.06 -0.13	28.55 -1.10 0.00	30.87 -0.98 0.00	28.89 -1.19 0.00	29.66 -0.90 0.00	18.68 -0.68 -0.70	26.42 -0.92 -0.23	18.20 -0.66 -0.78	13.47 -0.45 -1.65	29.37 -1.50 -1.89	43.09 -2.67 -0.24	27.24 -1.21 -1.09	27.42 -0.78 -0.77	28.19 -0.74 -0.36	30.11 -0.71 -0.27	22.39 -0.40 -0.99
MILLIKEN___1 23584	27.22 0.49 -1.32	29.65 0.58 -0.15	28.82 0.58 0.00	31.43 0.68 0.00	31.10 0.65 0.00	31.61 0.68 -0.20	31.01 0.63 -3.51	30.40 0.61 -4.01	25.21 0.58 -0.74	30.45 0.78 -0.02	32.65 0.80 0.00	30.76 0.68 0.00	31.11 0.52 -0.03	22.74 0.25 -3.82	28.81 0.42 -1.29	22.73 0.38 -4.26	21.65 0.33 -9.04	40.24 0.86 -10.39	48.20 1.34 -1.34	34.08 0.75 -5.97	32.33 0.69 -4.21	31.15 0.63 -1.95	32.67 0.67 -1.45	27.69 0.44 -5.46
MILLIKEN___2 23585	27.22 0.49 -1.32	29.65 0.58 -0.15	28.82 0.58 0.00	31.43 0.68 0.00	31.10 0.65 0.00	31.61 0.68 -0.20	31.01 0.63 -3.51	30.40 0.61 -4.01	25.21 0.58 -0.74	30.45 0.78 -0.02	32.65 0.80 0.00	30.76 0.68 0.00	31.11 0.52 -0.03	22.74 0.25 -3.82	28.81 0.42 -1.29	22.73 0.38 -4.26	21.65 0.33 -9.04	40.24 0.86 -10.39	48.20 1.34 -1.34	34.08 0.75 -5.97	32.33 0.69 -4.21	31.15 0.63 -1.95	32.67 0.67 -1.45	27.69 0.44 -5.46

MILLIKEN___DIESEL 23629	27.22 0.49 -1.32	29.65 0.58 -0.15	28.82 0.58 0.00	31.43 0.68 0.00	31.10 0.65 0.00	31.61 0.68 -0.20	31.01 0.63 -3.51	30.40 0.61 -4.01	25.21 0.58 -0.74	30.45 0.78 -0.02	32.65 0.80 0.00	30.76 0.68 0.00	31.11 0.52 -0.03	22.74 0.25 -3.82	28.81 0.42 -1.29	22.73 0.38 -4.26	21.65 0.33 -9.04	40.24 0.86 -10.39	48.20 1.34 -1.34	34.08 0.75 -5.97	32.33 0.69 -4.21	31.15 0.63 -1.95	32.67 0.67 -1.45	27.69 0.44 -5.46
MILLSEAT___LFGE 323607	26.32 -0.18 -1.09	28.98 -0.07 -0.13	28.23 -0.01 0.00	30.88 0.12 0.00	30.52 0.07 0.00	30.85 -0.05 -0.17	29.47 -0.30 -2.90	28.62 -0.48 -3.32	23.95 -0.55 -0.61	29.15 -0.52 -0.01	31.46 -0.39 0.00	29.63 -0.45 0.00	30.20 -0.39 -0.02	21.45 -0.39 -3.16	27.66 -0.51 -1.06	21.22 -0.40 -3.53	19.54 -0.21 -7.48	37.08 -0.50 -8.59	46.16 -0.47 -1.11	31.88 -0.43 -4.94	30.53 -0.39 -3.48	29.65 -0.53 -1.61	31.07 -0.69 -1.20	25.85 -0.45 -4.51
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	30.76 1.03 -4.32	30.56 1.14 -0.50	29.32 1.08 0.00	31.87 1.12 0.00	31.52 1.08 0.00	32.60 1.21 -0.66	39.50 1.16 -11.48	40.00 1.11 -13.12	27.34 1.04 -2.40	31.06 1.35 -0.06	33.34 1.49 0.00	31.43 1.35 0.00	32.01 1.36 -0.09	31.98 0.82 -12.49	32.48 1.17 -4.20	43.11 0.74 -24.28	42.32 0.49 -29.56	64.28 1.32 -33.98	52.04 2.15 -4.37	48.15 1.27 -19.51	42.46 1.27 -13.75	36.19 1.25 -6.38	36.67 1.36 -4.76	40.54 0.91 -17.84
MILLWOOD_13_KV_LOAD 356217	30.82 1.08 -4.32	30.64 1.21 -0.50	29.38 1.14 0.00	31.93 1.18 0.00	31.60 1.15 0.00	32.66 1.27 -0.66	39.57 1.23 -11.48	40.07 1.18 -13.12	27.41 1.11 -2.40	31.14 1.44 -0.06	33.43 1.58 0.00	31.51 1.42 0.00	32.09 1.44 -0.09	32.03 0.86 -12.49	32.56 1.25 -4.20	43.16 0.79 -24.28	42.36 0.52 -29.56	64.37 1.41 -33.98	52.19 2.30 -4.37	48.24 1.36 -19.51	42.54 1.35 -13.75	36.28 1.33 -6.38	36.75 1.45 -4.76	40.60 0.96 -17.84
MODEL_CITY_ENERGY 24167	25.62 -0.92 -1.12	28.20 -0.85 -0.13	27.50 -0.74 0.00	30.07 -0.69 0.00	29.70 -0.75 0.00	29.99 -0.91 -0.17	28.69 -1.16 -2.99	27.82 -1.38 -3.41	23.17 -1.36 -0.62	28.25 -1.42 -0.02	30.48 -1.38 0.00	28.71 -1.38 0.00	29.27 -1.31 -0.02	20.95 -0.98 -3.25	26.80 -1.40 -1.09	20.70 -1.02 -3.63	19.30 -0.67 -7.69	36.19 -1.63 -8.84	44.43 -2.23 -1.14	30.96 -1.49 -5.08	29.62 -1.39 -3.58	28.69 -1.54 -1.66	30.05 -1.74 -1.24	25.26 -1.18 -4.64
MODERN_LFGE___ 323580	25.62 -0.92 -1.12	28.20 -0.85 -0.13	27.50 -0.74 0.00	30.07 -0.69 0.00	29.70 -0.75 0.00	29.99 -0.91 -0.17	28.69 -1.16 -2.99	27.82 -1.38 -3.41	23.17 -1.36 -0.62	28.25 -1.42 -0.02	30.48 -1.38 0.00	28.71 -1.38 0.00	29.27 -1.31 -0.02	20.95 -0.98 -3.25	26.80 -1.40 -1.09	20.70 -1.02 -3.63	19.30 -0.67 -7.69	36.19 -1.63 -8.84	44.43 -2.23 -1.14	30.96 -1.49 -5.08	29.62 -1.39 -3.58	28.69 -1.54 -1.66	30.05 -1.74 -1.24	25.26 -1.18 -4.64
MOHAWK_PAPER___DRP 24187	31.49 0.81 -5.27	30.48 0.95 -0.61	29.14 0.90 0.00	31.62 0.86 0.00	31.35 0.90 0.00	32.49 0.95 -0.81	41.70 0.83 -14.00	42.57 0.79 -16.00	27.60 0.77 -2.93	30.64 0.92 -0.07	32.74 0.89 0.00	30.99 0.91 0.00	31.62 0.96 -0.11	34.52 0.59 -15.25	33.13 0.89 -5.13	37.63 0.58 -18.96	48.73 0.38 -36.07	71.37 0.92 -41.47	52.36 1.51 -5.34	52.07 0.89 -23.81	45.11 0.89 -16.78	37.29 0.94 -7.78	37.34 0.99 -5.80	44.27 0.71 -21.77
MOHICAN__35_KV_115KV_LD 80490	32.64 1.83 -5.39	31.61 2.07 -0.62	30.04 1.81 0.00	32.93 2.17 0.00	32.63 2.18 0.00	33.85 2.30 -0.83	43.22 2.04 -14.31	44.18 2.04 -16.36	28.61 1.72 -2.99	31.69 1.97 -0.07	33.81 1.95 0.00	31.93 1.85 0.00	32.56 1.89 -0.11	35.45 1.18 -15.60	33.76 1.41 -5.25	38.22 0.86 -19.27	49.78 0.60 -36.90	72.84 1.45 -42.41	53.18 2.20 -5.45	53.00 1.30 -24.34	45.89 1.30 -17.16	37.78 1.25 -7.95	37.92 1.43 -5.93	45.51 1.47 -22.25
MONGAUP___HYD 23641	30.52 1.10 -4.01	30.62 1.24 -0.46	29.43 1.19 0.00	32.10 1.35 0.00	31.77 1.32 0.00	32.66 1.31 -0.62	38.84 1.32 -10.66	39.28 1.32 -12.18	27.21 1.08 -2.23	30.96 1.26 -0.05	33.13 1.28 0.00	31.22 1.14 0.00	31.71 1.08 -0.08	30.92 0.65 -11.60	31.99 0.99 -3.90	22.67 0.72 -3.86	40.26 0.55 -27.44	62.02 1.50 -31.54	52.02 2.44 -4.06	46.92 1.43 -18.12	41.64 1.43 -12.77	35.89 1.40 -5.92	36.59 1.63 -4.42	39.37 1.01 -16.56
MONTAUK___DIESEL 23721	32.74 2.99 -4.34	32.59 3.17 -0.51	31.21 2.97 0.00	34.07 3.31 0.00	33.71 3.26 0.00	34.90 3.50 -0.67	41.79 3.39 -11.54	42.19 3.23 -13.18	29.16 2.85 -2.41	33.05 3.43 0.03	35.05 4.01 0.82	32.90 3.71 0.90	34.65 3.77 -0.32	34.60 2.34 -13.58	34.66 3.34 -4.22	43.54 2.28 -23.16	63.95 1.66 -50.01	85.00 4.24 -51.79	97.37 6.85 -45.00	107.93 4.08 -76.49	74.51 4.04 -43.03	66.50 4.05 -33.87	39.57 4.24 -4.78	42.50 2.77 -17.93
MOONROAD_115KV_HARTFLD_TB1-2 355988	26.77 0.14 -1.22	29.35 0.29 -0.14	28.66 0.42 0.00	31.42 0.67 0.00	31.04 0.59 0.00	31.46 0.54 -0.19	30.47 0.38 -3.23	29.70 0.24 -3.69	24.73 0.16 -0.68	30.11 0.44 -0.02	32.42 0.57 0.00	30.59 0.51 0.00	31.02 0.44 -0.02	22.29 0.10 -3.51	28.49 0.20 -1.18	22.09 0.08 -3.92	20.66 0.07 -8.31	38.78 0.24 -9.55	47.18 0.42 -1.23	32.76 -0.10 -5.49	31.10 -0.21 -3.87	29.96 -0.40 -1.79	31.36 -0.53 -1.34	26.32 -0.50 -5.02
MORTIMER_115KV_TB3 55949	26.28 -0.14 -1.01	28.92 -0.12 -0.12	28.17 -0.07 0.00	30.77 0.01 0.00	30.41 -0.03 0.00	30.77 -0.11 -0.16	29.35 -0.20 -2.68	28.56 -0.28 -3.06	24.11 -0.35 -0.56	29.33 -0.33 -0.01	31.58 -0.27 0.00	29.81 -0.27 0.00	30.34 -0.24 -0.02	21.37 -0.22 -2.92	27.78 -0.31 -0.98	21.12 -0.22 -3.25	19.08 -0.10 -6.90	36.67 -0.24 -7.93	46.34 -0.21 -1.02	31.74 -0.18 -4.55	30.44 -0.21 -3.21	29.76 -0.30 -1.49	31.26 -0.40 -1.11	25.71 -0.25 -4.16
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	30.86 1.11 -4.35	30.65 1.22 -0.51	29.38 1.14 0.00	31.94 1.18 0.00	31.59 1.14 0.00	32.67 1.28 -0.67	39.62 1.22 -11.54	40.13 1.17 -13.18	27.43 1.12 -2.41	31.17 1.46 -0.06	33.48 1.63 0.00	31.55 1.47 0.00	32.13 1.49 -0.09	32.12 0.89 -12.56	32.62 1.29 -4.22	42.10 0.81 -23.20	42.51 0.52 -29.70	64.53 1.40 -34.15	52.20 2.28 -4.40	48.34 1.36 -19.61	42.63 1.37 -13.83	36.33 1.35 -6.41	36.80 1.47 -4.78	40.69 0.97 -17.93
MUNSVILLE_WIND_PWR 323609	28.94 1.75 -1.79	31.42 2.30 -0.21	30.51 2.27 0.00	33.43 2.68 0.00	33.15 2.70 0.00	33.86 2.86 -0.27	34.23 2.63 -4.74	33.78 2.58 -5.42	27.32 2.43 -0.99	32.85 3.18 -0.02	35.24 3.39 0.00	33.11 3.03 0.00	33.40 2.81 -0.04	25.48 1.65 -5.16	31.38 2.54 -1.74	25.68 1.83 -5.76	25.81 1.33 -12.20	46.29 3.28 -14.03	52.36 5.04 -1.81	38.16 2.74 -8.05	35.74 2.62 -5.68	33.57 2.36 -2.63	35.02 2.51 -1.96	30.70 1.54 -7.37
N SALMON___HYD 24042	25.32 -0.29 -0.20	28.52 -0.42 -0.02	27.98 -0.26 0.00	31.11 0.35 0.00	30.72 0.27 0.00	30.42 -0.34 -0.03	27.09 -0.30 -0.52	26.09 -0.29 -0.60	23.25 -0.76 -0.11	28.69 -0.97 0.00	31.00 -0.86 0.00	28.79 -1.29 0.00	29.57 -0.99 0.00	18.46 -0.79 -0.57	26.42 -0.87 -0.19	18.27 -0.46 -0.64	13.41 -0.22 -1.35	29.49 -1.05 -1.56	43.59 -2.14 -0.20	27.43 -0.83 -0.89	27.62 -0.44 -0.63	28.36 -0.50 -0.29	30.27 -0.50 -0.22	22.35 -0.26 -0.82

N.AKRON__115KV_KNAPP 355671	26.21 -0.30 -1.10	28.84 -0.21 -0.13	28.11 -0.13 0.00	30.76 0.00 0.00	30.38 -0.06 0.00	30.71 -0.19 -0.17	29.33 -0.46 -2.92	28.48 -0.64 -3.34	23.82 -0.69 -0.61	29.02 -0.64 -0.01	31.32 -0.53 0.00	29.49 -0.59 0.00	30.05 -0.53 -0.02	21.37 -0.48 -3.18	27.52 -0.66 -1.07	21.13 -0.51 -3.55	19.51 -0.30 -7.53	36.93 -0.71 -8.66	45.82 -0.82 -1.12	31.73 -0.61 -4.97	30.35 -0.60 -3.50	29.47 -0.73 -1.62	30.88 -0.88 -1.21	25.75 -0.59 -4.55
N.BELMOR_69_KV_BK1 55787	31.35 1.59 -4.36	31.08 1.66 -0.51	29.76 1.52 0.00	32.42 1.66 0.00	32.08 1.63 0.00	33.20 1.80 -0.67	40.20 1.79 -11.54	40.66 1.69 -13.20	27.83 1.51 -2.42	31.89 1.88 -0.36	37.81 2.38 -3.58	36.18 2.18 -3.92	37.95 2.20 -5.19	38.21 1.34 -18.19	33.19 1.84 -4.24	42.43 1.18 -23.16	59.95 0.78 -46.88	82.27 1.99 -51.30	90.21 3.33 -41.36	102.15 1.98 -72.79	75.69 1.94 -46.31	69.04 1.99 -38.48	37.50 2.17 -4.78	41.16 1.43 -17.93
N.E_GEN_SANDY PD 24062	31.20 0.95 -4.84	30.59 1.11 -0.56	29.29 1.05 0.00	31.81 1.06 0.00	31.53 1.09 0.00	32.62 1.15 -0.74	40.08 1.02 -12.19	41.42 0.96 -14.68	27.47 0.88 -2.69	30.85 1.14 -0.06	33.11 1.26 0.00	31.26 1.18 0.00	31.91 1.25 -0.10	33.83 0.77 -14.39	40.16 1.12 -11.93	59.35 0.70 -40.55	94.92 0.45 -82.20	197.49 1.15 -167.37	67.50 1.87 -20.11	53.36 1.11 -24.88	50.12 1.09 -21.58	38.98 1.13 -9.28	37.12 1.25 -5.32	45.36 0.89 -22.67
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	30.60 0.98 -4.21	30.52 1.11 -0.49	29.29 1.05 0.00	31.84 1.08 0.00	31.48 1.04 0.00	32.55 1.17 -0.64	39.19 1.15 -11.17	39.65 1.10 -12.76	27.27 1.03 -2.34	31.03 1.32 -0.06	33.29 1.44 0.00	31.37 1.29 0.00	31.93 1.28 -0.08	31.59 0.76 -12.16	32.30 1.11 -4.09	17.68 0.68 1.09	41.50 0.46 -28.77	63.33 1.28 -33.07	51.88 2.10 -4.26	47.58 1.22 -18.99	42.04 1.21 -13.39	35.95 1.18 -6.20	36.47 1.29 -4.63	40.03 0.87 -17.36
N.QUEENS_27_KV_LOAD 356247	30.76 1.01 -4.35	30.56 1.13 -0.51	29.32 1.08 0.00	31.88 1.13 0.00	31.48 1.04 0.00	32.55 1.16 -0.67	39.49 1.09 -11.53	40.01 1.05 -13.18	27.31 1.00 -2.41	31.05 1.34 -0.06	33.38 1.52 0.00	31.40 1.32 0.00	32.00 1.35 -0.09	32.03 0.80 -12.56	32.52 1.19 -4.22	42.03 0.73 -23.22	42.45 0.47 -29.70	64.40 1.27 -34.15	52.00 2.09 -4.40	48.25 1.27 -19.61	42.55 1.29 -13.83	36.24 1.27 -6.41	36.65 1.32 -4.78	40.65 0.93 -17.93
N.TROY___115KV_TB1 355778	31.70 0.99 -5.30	30.68 1.15 -0.61	29.30 1.06 0.00	31.87 1.11 0.00	31.59 1.15 0.00	32.75 1.21 -0.81	42.01 1.08 -14.07	42.90 1.04 -16.08	27.75 0.91 -2.94	30.84 1.13 -0.07	33.00 1.14 0.00	31.18 1.10 0.00	31.85 1.18 -0.11	34.73 0.74 -15.32	33.31 1.05 -5.16	37.83 0.68 -19.06	48.97 0.45 -36.24	71.74 1.10 -41.66	52.65 1.77 -5.36	52.33 1.04 -23.92	45.33 1.03 -16.86	37.45 1.07 -7.81	37.54 1.16 -5.83	44.56 0.90 -21.87
NARROWS_GT1_1 24228	30.98 1.22 -4.35	30.79 1.37 -0.51	29.52 1.28 0.00	32.09 1.33 0.00	31.72 1.27 0.00	32.82 1.42 -0.67	39.76 1.35 -11.53	40.26 1.30 -13.18	27.56 1.25 -2.41	31.35 1.64 -0.06	33.65 1.79 0.00	31.69 1.61 0.00	32.28 1.63 -0.09	32.20 0.97 -12.56	32.71 1.38 -4.22	42.16 0.86 -23.22	42.53 0.55 -29.70	64.61 1.48 -34.15	52.35 2.43 -4.40	48.46 1.48 -19.61	42.76 1.50 -13.83	36.47 1.50 -6.41	36.92 1.59 -4.78	40.79 1.06 -17.93
NARROWS_GT1_2 24229	30.98 1.22 -4.35	30.79 1.37 -0.51	29.52 1.28 0.00	32.09 1.33 0.00	31.72 1.27 0.00	32.82 1.42 -0.67	39.76 1.35 -11.53	40.26 1.30 -13.18	27.56 1.25 -2.41	31.35 1.64 -0.06	33.65 1.79 0.00	31.69 1.61 0.00	32.28 1.63 -0.09	32.20 0.97 -12.56	32.71 1.38 -4.22	42.16 0.86 -23.22	42.53 0.55 -29.70	64.61 1.48 -34.15	52.35 2.43 -4.40	48.46 1.48 -19.61	42.76 1.50 -13.83	36.47 1.50 -6.41	36.92 1.59 -4.78	40.79 1.06 -17.93
NARROWS_GT1_3 24230	30.98 1.22 -4.35	30.79 1.37 -0.51	29.52 1.28 0.00	32.09 1.33 0.00	31.72 1.27 0.00	32.82 1.42 -0.67	39.76 1.35 -11.53	40.26 1.30 -13.18	27.56 1.25 -2.41	31.35 1.64 -0.06	33.65 1.79 0.00	31.69 1.61 0.00	32.28 1.63 -0.09	32.20 0.97 -12.56	32.71 1.38 -4.22	42.16 0.86 -23.22	42.53 0.55 -29.70	64.61 1.48 -34.15	52.35 2.43 -4.40	48.46 1.48 -19.61	42.76 1.50 -13.83	36.47 1.50 -6.41	36.92 1.59 -4.78	40.79 1.06 -17.93
NARROWS_GT1_4 24231	30.98 1.22 -4.35	30.79 1.37 -0.51	29.52 1.28 0.00	32.09 1.33 0.00	31.72 1.27 0.00	32.82 1.42 -0.67	39.76 1.35 -11.53	40.26 1.30 -13.18	27.56 1.25 -2.41	31.35 1.64 -0.06	33.65 1.79 0.00	31.69 1.61 0.00	32.28 1.63 -0.09	32.20 0.97 -12.56	32.71 1.38 -4.22	42.16 0.86 -23.22	42.53 0.55 -29.70	64.61 1.48 -34.15	52.35 2.43 -4.40	48.46 1.48 -19.61	42.76 1.50 -13.83	36.47 1.50 -6.41	36.92 1.59 -4.78	40.79 1.06 -17.93
NARROWS_GT1_5 24232	30.98 1.22 -4.35	30.79 1.37 -0.51	29.52 1.28 0.00	32.09 1.33 0.00	31.72 1.27 0.00	32.82 1.42 -0.67	39.76 1.35 -11.53	40.26 1.30 -13.18	27.56 1.25 -2.41	31.35 1.64 -0.06	33.65 1.79 0.00	31.69 1.61 0.00	32.28 1.63 -0.09	32.20 0.97 -12.56	32.71 1.38 -4.22	42.16 0.86 -23.22	42.53 0.55 -29.70	64.61 1.48 -34.15	52.35 2.43 -4.40	48.46 1.48 -19.61	42.76 1.50 -13.83	36.47 1.50 -6.41	36.92 1.59 -4.78	40.79 1.06 -17.93
NARROWS_GT1_6 24233	30.98 1.22 -4.35	30.79 1.37 -0.51	29.52 1.28 0.00	32.09 1.33 0.00	31.72 1.27 0.00	32.82 1.42 -0.67	39.76 1.35 -11.53	40.26 1.30 -13.18	27.56 1.25 -2.41	31.35 1.64 -0.06	33.65 1.79 0.00	31.69 1.61 0.00	32.28 1.63 -0.09	32.20 0.97 -12.56	32.71 1.38 -4.22	42.16 0.86 -23.22	42.53 0.55 -29.70	64.61 1.48 -34.15	52.35 2.43 -4.40	48.46 1.48 -19.61	42.76 1.50 -13.83	36.47 1.50 -6.41	36.92 1.59 -4.78	40.79 1.06 -17.93
NARROWS_GT1_7 24234	30.98 1.22 -4.35	30.79 1.37 -0.51	29.52 1.28 0.00	32.09 1.33 0.00	31.72 1.27 0.00	32.82 1.42 -0.67	39.76 1.35 -11.53	40.26 1.30 -13.18	27.56 1.25 -2.41	31.35 1.64 -0.06	33.65 1.79 0.00	31.69 1.61 0.00	32.28 1.63 -0.09	32.20 0.97 -12.56	32.71 1.38 -4.22	42.16 0.86 -23.22	42.53 0.55 -29.70	64.61 1.48 -34.15	52.35 2.43 -4.40	48.46 1.48 -19.61	42.76 1.50 -13.83	36.47 1.50 -6.41	36.92 1.59 -4.78	40.79 1.06 -17.93
NARROWS_GT1_8 24235	30.98 1.22 -4.35	30.79 1.37 -0.51	29.52 1.28 0.00	32.09 1.33 0.00	31.72 1.27 0.00	32.82 1.42 -0.67	39.76 1.35 -11.53	40.26 1.30 -13.18	27.56 1.25 -2.41	31.35 1.64 -0.06	33.65 1.79 0.00	31.69 1.61 0.00	32.28 1.63 -0.09	32.20 0.97 -12.56	32.71 1.38 -4.22	42.16 0.86 -23.22	42.53 0.55 -29.70	64.61 1.48 -34.15	52.35 2.43 -4.40	48.46 1.48 -19.61	42.76 1.50 -13.83	36.47 1.50 -6.41	36.92 1.59 -4.78	40.79 1.06 -17.93
NARROWS_GT2_1 24236	30.98 1.22 -4.35	30.79 1.37 -0.51	29.52 1.28 0.00	32.09 1.33 0.00	31.72 1.27 0.00	32.82 1.42 -0.67	39.76 1.35 -11.53	40.26 1.30 -13.18	27.56 1.25 -2.41	31.35 1.64 -0.06	33.65 1.79 0.00	31.69 1.61 0.00	32.28 1.63 -0.09	32.20 0.97 -12.56	32.71 1.38 -4.22	42.16 0.86 -23.22	42.53 0.55 -29.70	64.61 1.48 -34.15	52.35 2.43 -4.40	48.46 1.48 -19.61	42.76 1.50 -13.83	36.47 1.50 -6.41	36.92 1.59 -4.78	40.79 1.06 -17.93

NARROWS_GT2_2 24237	30.98 1.22 -4.35	30.79 1.37 -0.51	29.52 1.28 0.00	32.09 1.33 0.00	31.72 1.27 0.00	32.82 1.42 -0.67	39.76 1.35 -11.53	40.26 1.30 -13.18	27.56 1.25 -2.41	31.35 1.64 -0.06	33.65 1.79 0.00	31.69 1.61 0.00	32.28 1.63 -0.09	32.20 0.97 -12.56	32.71 1.38 -4.22	42.16 0.86 -23.22	42.53 0.55 -29.70	64.61 1.48 -34.15	52.35 2.43 -4.40	48.46 1.48 -19.61	42.76 1.50 -13.83	36.47 1.50 -6.41	36.92 1.59 -4.78	40.79 1.06 -17.93
NARROWS_GT2_3 24238	30.98 1.22 -4.35	30.79 1.37 -0.51	29.52 1.28 0.00	32.09 1.33 0.00	31.72 1.27 0.00	32.82 1.42 -0.67	39.76 1.35 -11.53	40.26 1.30 -13.18	27.56 1.25 -2.41	31.35 1.64 -0.06	33.65 1.79 0.00	31.69 1.61 0.00	32.28 1.63 -0.09	32.20 0.97 -12.56	32.71 1.38 -4.22	42.16 0.86 -23.22	42.53 0.55 -29.70	64.61 1.48 -34.15	52.35 2.43 -4.40	48.46 1.48 -19.61	42.76 1.50 -13.83	36.47 1.50 -6.41	36.92 1.59 -4.78	40.79 1.06 -17.93
NARROWS_GT2_4 24239	30.98 1.22 -4.35	30.79 1.37 -0.51	29.52 1.28 0.00	32.09 1.33 0.00	31.72 1.27 0.00	32.82 1.42 -0.67	39.76 1.35 -11.53	40.26 1.30 -13.18	27.56 1.25 -2.41	31.35 1.64 -0.06	33.65 1.79 0.00	31.69 1.61 0.00	32.28 1.63 -0.09	32.20 0.97 -12.56	32.71 1.38 -4.22	42.16 0.86 -23.22	42.53 0.55 -29.70	64.61 1.48 -34.15	52.35 2.43 -4.40	48.46 1.48 -19.61	42.76 1.50 -13.83	36.47 1.50 -6.41	36.92 1.59 -4.78	40.79 1.06 -17.93
NARROWS_GT2_5 24240	30.98 1.22 -4.35	30.79 1.37 -0.51	29.52 1.28 0.00	32.09 1.33 0.00	31.72 1.27 0.00	32.82 1.42 -0.67	39.76 1.35 -11.53	40.26 1.30 -13.18	27.56 1.25 -2.41	31.35 1.64 -0.06	33.65 1.79 0.00	31.69 1.61 0.00	32.28 1.63 -0.09	32.20 0.97 -12.56	32.71 1.38 -4.22	42.16 0.86 -23.22	42.53 0.55 -29.70	64.61 1.48 -34.15	52.35 2.43 -4.40	48.46 1.48 -19.61	42.76 1.50 -13.83	36.47 1.50 -6.41	36.92 1.59 -4.78	40.79 1.06 -17.93
NARROWS_GT2_6 24241	30.98 1.22 -4.35	30.79 1.37 -0.51	29.52 1.28 0.00	32.09 1.33 0.00	31.72 1.27 0.00	32.82 1.42 -0.67	39.76 1.35 -11.53	40.26 1.30 -13.18	27.56 1.25 -2.41	31.35 1.64 -0.06	33.65 1.79 0.00	31.69 1.61 0.00	32.28 1.63 -0.09	32.20 0.97 -12.56	32.71 1.38 -4.22	42.16 0.86 -23.22	42.53 0.55 -29.70	64.61 1.48 -34.15	52.35 2.43 -4.40	48.46 1.48 -19.61	42.76 1.50 -13.83	36.47 1.50 -6.41	36.92 1.59 -4.78	40.79 1.06 -17.93
NARROWS_GT2_7 24242	30.98 1.22 -4.35	30.79 1.37 -0.51	29.52 1.28 0.00	32.09 1.33 0.00	31.72 1.27 0.00	32.82 1.42 -0.67	39.76 1.35 -11.53	40.26 1.30 -13.18	27.56 1.25 -2.41	31.35 1.64 -0.06	33.65 1.79 0.00	31.69 1.61 0.00	32.28 1.63 -0.09	32.20 0.97 -12.56	32.71 1.38 -4.22	42.16 0.86 -23.22	42.53 0.55 -29.70	64.61 1.48 -34.15	52.35 2.43 -4.40	48.46 1.48 -19.61	42.76 1.50 -13.83	36.47 1.50 -6.41	36.92 1.59 -4.78	40.79 1.06 -17.93
NARROWS_GT2_8 24243	30.98 1.22 -4.35	30.79 1.37 -0.51	29.52 1.28 0.00	32.09 1.33 0.00	31.72 1.27 0.00	32.82 1.42 -0.67	39.76 1.35 -11.53	40.26 1.30 -13.18	27.56 1.25 -2.41	31.35 1.64 -0.06	33.65 1.79 0.00	31.69 1.61 0.00	32.28 1.63 -0.09	32.20 0.97 -12.56	32.71 1.38 -4.22	42.16 0.86 -23.22	42.53 0.55 -29.70	64.61 1.48 -34.15	52.35 2.43 -4.40	48.46 1.48 -19.61	42.76 1.50 -13.83	36.47 1.50 -6.41	36.92 1.59 -4.78	40.79 1.06 -17.93
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	32.26 1.87 -4.98	31.66 2.17 -0.58	30.26 2.01 0.00	32.81 2.05 0.00	32.56 2.12 0.00	33.76 2.27 -0.76	42.05 1.97 -13.22	42.80 1.91 -15.11	28.38 1.72 -2.76	31.55 1.83 -0.07	33.50 1.65 0.00	31.83 1.75 0.00	32.52 1.86 -0.10	34.19 1.13 -14.39	33.63 1.68 -4.84	35.40 1.25 -16.06	47.27 0.95 -34.04	70.47 2.36 -39.14	54.31 3.75 -5.04	52.07 2.22 -22.48	45.44 2.16 -15.85	38.15 2.23 -7.34	38.32 2.29 -5.48	43.93 1.58 -20.55
NCHELSEA_115KV_TR2 355582	31.03 1.25 -4.38	30.82 1.39 -0.51	29.57 1.33 0.00	32.15 1.39 0.00	31.82 1.38 0.00	32.89 1.49 -0.67	39.87 1.39 -11.62	40.39 1.33 -13.28	27.58 1.25 -2.43	31.28 1.58 -0.06	33.57 1.72 0.00	31.67 1.59 0.00	32.25 1.60 -0.09	32.29 0.96 -12.64	32.77 1.41 -4.26	33.13 0.92 -14.12	42.82 0.62 -29.92	65.00 1.63 -34.39	52.58 2.63 -4.43	48.68 1.56 -19.75	42.91 1.55 -13.92	36.56 1.54 -6.45	37.02 1.66 -4.81	40.97 1.11 -18.06
NEG CAPITAL___MECHNVIL 23645	32.17 1.40 -5.36	31.14 1.61 -0.62	29.72 1.48 0.00	32.38 1.63 0.00	32.10 1.65 0.00	33.28 1.73 -0.82	42.65 1.55 -14.23	43.55 1.51 -16.26	28.19 1.32 -2.98	31.29 1.57 -0.07	33.43 1.58 0.00	31.58 1.50 0.00	32.27 1.60 -0.11	35.17 1.00 -15.50	33.70 1.38 -5.22	38.19 0.91 -19.20	49.57 0.62 -36.67	72.64 1.51 -42.15	53.30 2.36 -5.42	52.96 1.40 -24.19	45.86 1.37 -17.05	37.85 1.38 -7.90	37.94 1.50 -5.90	45.13 1.21 -22.12
NEG CENTRAL_HIGH_ACRES 23767	25.78 -0.62 -0.99	28.35 -0.69 -0.12	27.60 -0.64 0.00	30.12 -0.64 0.00	29.79 -0.65 0.00	30.17 -0.71 -0.15	28.80 -0.69 -2.62	28.07 -0.71 -3.00	23.73 -0.72 -0.55	28.86 -0.80 -0.01	31.04 -0.81 0.00	29.28 -0.80 0.00	29.78 -0.79 -0.02	20.98 -0.55 -2.86	27.27 -0.80 -0.96	20.77 -0.51 -3.19	18.75 -0.29 -6.76	36.08 -0.67 -7.77	45.54 -0.98 -1.00	31.19 -0.64 -4.46	29.91 -0.67 -3.15	29.26 -0.77 -1.46	30.74 -0.90 -1.09	25.27 -0.61 -4.08
NEG CENTRAL___DRP 24199	26.50 0.07 -1.02	29.15 0.11 -0.12	28.37 0.13 0.00	30.95 0.19 0.00	30.62 0.17 0.00	31.07 0.18 -0.16	29.77 0.18 -2.72	29.03 0.15 -3.10	24.60 0.13 -0.57	29.87 0.21 -0.01	32.02 0.17 0.00	30.19 0.11 0.00	30.60 0.02 -0.02	21.58 -0.05 -2.96	28.06 -0.04 -1.00	21.44 0.05 -3.30	19.38 0.11 -6.99	37.29 0.28 -8.04	46.94 0.38 -1.04	32.21 0.23 -4.62	30.85 0.16 -3.25	30.16 0.08 -1.51	31.72 0.05 -1.13	26.03 0.02 -4.22
NEG CENTRAL___INDECK 23768	27.20 0.57 -1.23	29.77 0.71 -0.14	29.03 0.79 0.00	31.72 0.96 0.00	31.37 0.93 0.00	31.85 0.94 -0.19	30.93 0.81 -3.25	30.19 0.69 -3.72	25.11 0.53 -0.68	30.09 0.42 -0.02	32.18 0.33 0.00	30.36 0.28 0.00	30.89 0.31 -0.03	22.27 0.06 -3.54	28.45 0.16 -1.19	22.16 0.12 -3.95	20.95 0.30 -8.38	39.52 0.91 -9.63	48.35 1.59 -1.24	33.66 0.76 -5.53	32.00 0.66 -3.90	30.87 0.50 -1.81	32.34 0.44 -1.35	27.15 0.30 -5.06
NEG CENTRAL___SENECA 23627	26.69 0.19 -1.09	29.29 0.25 -0.13	28.50 0.27 0.00	31.12 0.36 0.00	30.79 0.34 0.00	31.26 0.36 -0.17	30.10 0.34 -2.89	29.39 0.31 -3.31	24.77 0.26 -0.61	30.02 0.36 -0.01	32.17 0.32 0.00	30.31 0.22 0.00	30.70 0.12 -0.02	21.83 0.01 -3.15	28.21 0.05 -1.06	21.72 0.11 -3.51	19.89 0.17 -7.45	37.97 0.43 -8.56	47.21 0.58 -1.10	32.65 0.37 -4.92	31.18 0.28 -3.47	30.34 0.16 -1.61	31.88 0.14 -1.20	26.37 0.08 -4.49
NEG CENTRAL___STATE_STREET 24147	26.53 0.12 -1.01	29.18 0.14 -0.12	28.39 0.15 0.00	30.94 0.18 0.00	30.63 0.18 0.00	31.06 0.18 -0.15	29.71 0.18 -2.67	28.99 0.16 -3.05	24.62 0.16 -0.56	29.99 0.33 -0.01	32.18 0.33 0.00	30.38 0.30 0.00	30.78 0.19 -0.02	21.61 0.04 -2.91	28.20 0.12 -0.98	21.51 0.18 -3.24	19.33 0.18 -6.87	37.28 0.40 -7.90	47.15 0.61 -1.02	32.27 0.37 -4.54	30.93 0.29 -3.20	30.28 0.22 -1.48	31.93 0.28 -1.11	26.10 0.16 -4.15



NEG MILLWOOD___DRP 24198	31.14 1.33 -4.40	30.91 1.48 -0.51	29.65 1.41 0.00	32.23 1.48 0.00	31.90 1.45 0.00	32.98 1.58 -0.68	40.03 1.48 -11.68	40.56 1.43 -13.36	27.69 1.35 -2.44	31.42 1.71 -0.06	33.73 1.88 0.00	31.81 1.73 0.00	32.38 1.74 -0.09	32.44 1.05 -12.72	32.91 1.53 -4.28	36.15 0.98 -17.08	43.03 0.67 -30.09	65.32 1.75 -34.59	52.79 2.81 -4.45	48.89 1.66 -19.87	43.10 1.65 -14.00	36.71 1.65 -6.49	37.17 1.78 -4.84	41.16 1.20 -18.16
NEG NORTH_FLCN_SEA 23793	25.24 -0.35 -0.18	28.51 -0.44 -0.02	27.98 -0.26 0.00	31.15 0.39 0.00	30.84 0.40 0.00	30.51 -0.25 -0.03	27.12 -0.22 -0.47	26.09 -0.23 -0.54	23.24 -0.76 -0.10	28.53 -1.12 0.00	30.80 -1.05 0.00	28.57 -1.51 0.00	29.34 -1.23 0.00	18.27 -0.91 -0.51	26.27 -1.01 -0.17	18.22 -0.44 -0.57	13.31 -0.18 -1.22	29.36 -1.02 -1.40	43.58 -2.12 -0.18	27.36 -0.81 -0.80	27.54 -0.47 -0.57	28.31 -0.52 -0.26	30.22 -0.52 -0.20	22.29 -0.24 -0.73
NEG NORTH_KES_CHATEGAY 23792	24.96 -0.63 -0.18	28.15 -0.79 -0.02	27.64 -0.60 0.00	30.77 0.01 0.00	30.37 -0.08 0.00	29.99 -0.77 -0.03	26.70 -0.66 -0.49	25.68 -0.65 -0.56	22.89 -1.11 -0.10	28.17 -1.48 0.00	30.44 -1.41 0.00	28.20 -1.88 0.00	29.01 -1.55 0.00	18.07 -1.13 -0.53	25.94 -1.34 -0.18	17.98 -0.70 -0.59	13.16 -0.37 -1.25	28.99 -1.43 -1.44	42.93 -2.78 -0.18	27.00 -1.19 -0.83	27.22 -0.80 -0.58	27.95 -0.88 -0.27	29.82 -0.93 -0.20	22.02 -0.54 -0.76
NEG NORTH___ALICE_FALLS 23915	25.31 -0.27 -0.18	28.58 -0.36 -0.02	28.06 -0.18 0.00	31.22 0.46 0.00	30.89 0.45 0.00	30.56 -0.20 -0.03	27.17 -0.17 -0.48	26.16 -0.16 -0.54	23.31 -0.69 -0.10	28.62 -1.03 0.00	30.88 -0.97 0.00	28.63 -1.45 0.00	29.43 -1.13 0.00	18.31 -0.88 -0.52	26.34 -0.94 -0.17	18.27 -0.40 -0.58	13.35 -0.14 -1.22	29.47 -0.91 -1.41	43.75 -1.95 -0.18	27.46 -0.72 -0.81	27.64 -0.37 -0.57	28.40 -0.43 -0.26	30.30 -0.45 -0.20	22.34 -0.19 -0.74
NEG NORTH___LWR_SARANAC 23913	25.31 -0.27 -0.18	28.58 -0.36 -0.02	28.06 -0.18 0.00	31.22 0.46 0.00	30.89 0.45 0.00	30.56 -0.20 -0.03	27.17 -0.17 -0.48	26.16 -0.16 -0.54	23.31 -0.69 -0.10	28.62 -1.03 0.00	30.88 -0.97 0.00	28.63 -1.45 0.00	29.43 -1.13 0.00	18.31 -0.88 -0.52	26.34 -0.94 -0.17	18.27 -0.40 -0.58	13.35 -0.14 -1.22	29.47 -0.91 -1.41	43.75 -1.95 -0.18	27.46 -0.72 -0.81	27.64 -0.37 -0.57	28.40 -0.43 -0.26	30.30 -0.45 -0.20	22.34 -0.19 -0.74
NEG NORTH___PLATTSBURG 23628	25.32 -0.27 -0.18	28.58 -0.36 -0.02	28.06 -0.18 0.00	31.21 0.46 0.00	30.89 0.45 0.00	30.55 -0.20 -0.03	27.17 -0.17 -0.48	26.16 -0.16 -0.54	23.31 -0.69 -0.10	28.63 -1.02 0.00	30.89 -0.96 0.00	28.63 -1.45 0.00	29.43 -1.13 0.00	18.31 -0.88 -0.52	26.34 -0.94 -0.17	18.27 -0.40 -0.58	13.35 -0.14 -1.22	29.47 -0.91 -1.41	43.75 -1.96 -0.18	27.46 -0.71 -0.81	27.63 -0.37 -0.57	28.40 -0.43 -0.26	30.31 -0.44 -0.20	22.34 -0.19 -0.74
NEG WEST_LEA_LOCKPORT 23791	25.83 -0.69 -1.12	28.42 -0.63 -0.13	27.71 -0.53 0.00	30.33 -0.43 0.00	29.95 -0.50 0.00	30.25 -0.65 -0.17	28.96 -0.88 -2.97	28.10 -1.07 -3.39	23.43 -1.09 -0.62	28.57 -1.10 -0.02	30.84 -1.01 0.00	29.05 -1.03 0.00	29.61 -0.97 -0.02	21.13 -0.77 -3.23	27.10 -1.09 -1.09	20.88 -0.81 -3.61	19.41 -0.52 -7.65	36.50 -1.27 -8.79	44.96 -1.69 -1.13	31.29 -1.13 -5.05	29.90 -1.10 -3.56	28.98 -1.24 -1.65	30.37 -1.42 -1.23	25.46 -0.95 -4.62
NEG WEST___LANCASTR 23811	25.93 -0.69 -1.21	28.45 -0.61 -0.14	27.76 -0.48 0.00	30.38 -0.38 0.00	30.01 -0.44 0.00	30.34 -0.58 -0.19	29.35 -0.73 -3.22	28.54 -0.92 -3.68	23.67 -0.90 -0.67	28.85 -0.82 -0.02	31.13 -0.72 0.00	29.45 -0.63 0.00	29.92 -0.66 -0.02	21.58 -0.59 -3.50	27.46 -0.83 -1.18	21.37 -0.62 -3.91	20.14 -0.42 -8.28	37.46 -1.05 -9.52	45.46 -1.29 -1.23	31.87 -0.97 -5.47	30.30 -0.99 -3.85	29.29 -1.07 -1.79	30.68 -1.20 -1.33	25.97 -0.82 -5.00
NEG_PENN_ALLEGHNY 23528	27.41 0.13 -1.87	29.31 0.18 -0.22	28.42 0.18 0.00	31.00 0.24 0.00	30.66 0.22 0.00	31.25 0.23 -0.29	32.09 0.25 -4.97	31.67 0.21 -5.68	25.14 0.20 -1.04	29.97 0.30 -0.03	32.21 0.36 0.00	30.44 0.36 0.00	30.84 0.24 -0.04	24.20 0.12 -5.41	29.13 0.20 -1.82	24.28 0.14 -6.04	25.20 0.11 -12.81	44.03 0.33 -14.72	47.85 0.43 -1.90	36.00 0.17 -8.45	33.54 0.14 -5.96	31.43 0.09 -2.76	32.72 0.11 -2.06	29.60 0.07 -7.73
NEG___GEN_MONROE 24207	26.43 0.01 -1.01	29.13 0.09 -0.12	28.42 0.18 0.00	31.02 0.27 0.00	30.72 0.27 0.00	31.11 0.23 -0.16	29.54 -0.02 -2.69	28.71 -0.14 -3.07	24.22 -0.24 -0.56	29.45 -0.21 -0.01	31.72 -0.13 0.00	29.92 -0.16 0.00	30.46 -0.11 -0.02	21.45 -0.15 -2.93	27.90 -0.19 -0.99	21.21 -0.15 -3.27	19.17 -0.04 -6.93	36.88 -0.07 -7.97	46.63 0.08 -1.03	31.93 -0.02 -4.58	30.62 -0.04 -3.22	29.91 -0.15 -1.50	31.42 -0.24 -1.12	25.84 -0.14 -4.18
NEPA___ENERGY 23901	26.27 -0.37 -1.23	28.79 -0.28 -0.14	28.03 -0.22 0.00	30.70 -0.05 0.00	30.30 -0.15 0.00	30.72 -0.20 -0.19	29.93 -0.20 -3.26	29.16 -0.34 -3.73	24.21 -0.37 -0.68	29.38 -0.29 -0.02	31.63 -0.22 0.00	29.92 -0.17 0.00	30.24 -0.34 -0.03	21.89 -0.33 -3.55	27.92 -0.38 -1.19	21.73 -0.32 -3.96	20.43 -0.24 -8.40	38.17 -0.46 -9.66	46.01 -0.75 -1.24	32.29 -0.62 -5.55	30.66 -0.69 -3.91	29.53 -0.85 -1.81	30.98 -0.92 -1.35	26.24 -0.63 -5.07
NEVERSINK___HYD 23608	30.26 0.87 -3.99	30.33 0.95 -0.46	29.14 0.90 0.00	31.70 0.94 0.00	31.37 0.93 0.00	32.38 1.04 -0.61	38.49 1.03 -10.58	38.87 1.00 -12.10	27.03 0.92 -2.21	30.81 1.11 -0.05	33.08 1.22 0.00	31.09 1.01 0.00	31.58 0.94 -0.08	30.75 0.56 -11.52	31.81 0.83 -3.88	29.10 0.61 -10.41	39.98 0.45 -27.26	61.60 1.29 -31.33	51.68 2.13 -4.03	46.62 1.26 -17.99	41.34 1.22 -12.68	35.65 1.20 -5.88	36.22 1.29 -4.39	39.09 0.84 -16.45
NEWKRMKL_115KV_TB1 55635	31.24 0.57 -5.27	30.23 0.70 -0.61	28.90 0.65 0.00	31.31 0.54 0.00	31.04 0.59 0.00	32.17 0.63 -0.81	41.37 0.52 -13.98	42.26 0.50 -15.98	27.39 0.57 -2.92	30.39 0.67 -0.07	32.43 0.57 0.00	30.77 0.69 0.00	31.35 0.68 -0.11	34.32 0.42 -15.22	32.85 0.63 -5.12	37.39 0.39 -18.91	48.55 0.26 -36.01	70.98 0.60 -41.40	51.85 1.00 -5.33	51.74 0.59 -23.77	44.80 0.61 -16.76	37.00 0.66 -7.77	37.02 0.67 -5.79	43.99 0.46 -21.74
NEWTON___FALLS_HYD 23847	25.23 -0.50 -0.32	28.24 -0.72 -0.04	27.66 -0.58 0.00	30.53 -0.23 0.00	30.20 -0.25 0.00	30.29 -0.49 -0.05	27.26 -0.47 -0.86	26.29 -0.48 -0.98	23.36 -0.72 -0.18	28.90 -0.75 0.00	31.24 -0.61 0.00	29.40 -0.68 0.00	30.02 -0.54 -0.01	19.17 -0.44 -0.94	26.79 -0.63 -0.32	18.67 -0.46 -1.04	14.15 -0.33 -2.21	30.63 -0.90 -2.54	44.31 -1.54 -0.33	28.12 -0.71 -1.46	27.95 -0.51 -1.03	28.47 -0.58 -0.48	30.33 -0.58 -0.35	22.70 -0.43 -1.33
NGRID_A1_DSASP 323792	25.35 -1.19 -1.13	27.80 -1.25 -0.13	27.12 -1.12 0.00	29.68 -1.08 0.00	29.32 -1.13 0.00	29.58 -1.32 -0.17	28.42 -1.44 -3.00	27.62 -1.59 -3.43	22.95 -1.57 -0.63	28.00 -1.67 -0.02	30.21 -1.65 0.00	28.46 -1.62 0.00	29.03 -1.55 -0.02	20.81 -1.13 -3.26	26.59 -1.61 -1.10	20.55 -1.18 -3.64	19.22 -0.78 -7.72	35.94 -1.91 -8.87	44.01 -2.66 -1.14	30.73 -1.73 -5.10	29.39 -1.64 -3.59	28.45 -1.79 -1.66	29.79 -2.00 -1.24	25.10 -1.36 -4.66

NGRID_A2_DSASP 323793	25.35 -1.19 -1.13	27.80 -1.25 -0.13	27.12 -1.12 0.00	29.68 -1.08 0.00	29.32 -1.13 0.00	29.58 -1.32 -0.17	28.42 -1.44 -3.00	27.62 -1.59 -3.43	22.95 -1.57 -0.63	28.00 -1.67 -0.02	30.21 -1.65 0.00	28.46 -1.62 0.00	29.03 -1.55 -0.02	20.81 -1.13 -3.26	26.59 -1.61 -1.10	20.55 -1.18 -3.64	19.22 -0.78 -7.72	35.94 -1.91 -8.87	44.01 -2.66 -1.14	30.73 -1.73 -5.10	29.39 -1.64 -3.59	28.45 -1.79 -1.66	29.79 -2.00 -1.24	25.10 -1.36 -4.66
NGRID_A4_DSASP 323807	25.35 -1.19 -1.13	27.80 -1.25 -0.13	27.12 -1.12 0.00	29.68 -1.08 0.00	29.32 -1.13 0.00	29.58 -1.32 -0.17	28.42 -1.44 -3.00	27.62 -1.59 -3.43	22.95 -1.57 -0.63	28.00 -1.67 -0.02	30.21 -1.65 0.00	28.46 -1.62 0.00	29.03 -1.55 -0.02	20.81 -1.13 -3.26	26.59 -1.61 -1.10	20.55 -1.18 -3.64	19.22 -0.78 -7.72	35.94 -1.91 -8.87	44.01 -2.66 -1.14	30.73 -1.73 -5.10	29.39 -1.64 -3.59	28.45 -1.79 -1.66	29.79 -2.00 -1.24	25.10 -1.36 -4.66
NIAGARA_115E_LBMP 323715	25.50 -1.04 -1.13	28.07 -0.98 -0.13	27.37 -0.87 0.00	29.93 -0.83 0.00	29.56 -0.89 0.00	29.85 -1.06 -0.17	28.55 -1.32 -3.00	27.66 -1.55 -3.43	23.02 -1.50 -0.63	28.07 -1.59 -0.02	30.28 -1.57 0.00	28.52 -1.56 0.00	29.09 -1.50 -0.02	20.85 -1.09 -3.27	26.64 -1.57 -1.10	20.60 -1.13 -3.65	19.25 -0.75 -7.73	36.03 -1.84 -8.88	44.12 -2.55 -1.14	30.79 -1.68 -5.10	29.47 -1.57 -3.60	28.52 -1.72 -1.67	29.86 -1.93 -1.24	25.14 -1.32 -4.67
NIAGARA_115W_LBMP 323714	25.29 -1.25 -1.13	27.73 -1.32 -0.13	27.05 -1.19 0.00	29.61 -1.15 0.00	29.25 -1.20 0.00	29.52 -1.39 -0.17	28.36 -1.51 -3.00	27.55 -1.65 -3.42	22.90 -1.63 -0.63	27.93 -1.74 -0.02	30.12 -1.73 0.00	28.38 -1.70 0.00	28.95 -1.63 -0.02	20.76 -1.18 -3.26	26.52 -1.69 -1.10	20.50 -1.23 -3.64	19.18 -0.81 -7.71	35.86 -1.99 -8.87	43.88 -2.78 -1.14	30.65 -1.81 -5.09	29.33 -1.70 -3.59	28.38 -1.86 -1.66	29.73 -2.06 -1.24	25.03 -1.41 -4.66
NIAGARA_230_LBMP 323716	25.59 -0.93 -1.12	28.10 -0.96 -0.13	27.40 -0.84 0.00	29.99 -0.77 0.00	29.62 -0.83 0.00	29.90 -1.00 -0.17	28.73 -1.11 -2.98	27.90 -1.28 -3.40	23.20 -1.32 -0.62	28.30 -1.36 -0.02	30.54 -1.32 0.00	28.79 -1.30 0.00	29.34 -1.23 -0.02	21.00 -0.92 -3.24	26.87 -1.32 -1.09	20.75 -0.96 -3.62	19.31 -0.63 -7.66	36.22 -1.57 -8.81	44.50 -2.15 -1.13	31.02 -1.40 -5.06	29.65 -1.35 -3.57	28.72 -1.50 -1.65	30.11 -1.68 -1.23	25.33 -1.09 -4.62
NIAGARA__115KV_198_GIBSON 55903	25.29 -1.25 -1.13	27.73 -1.32 -0.13	27.05 -1.19 0.00	29.62 -1.13 0.00	29.25 -1.20 0.00	29.51 -1.39 -0.17	28.35 -1.51 -3.00	27.55 -1.65 -3.42	22.90 -1.62 -0.63	27.93 -1.73 -0.02	30.14 -1.71 0.00	28.39 -1.69 0.00	28.96 -1.62 -0.02	20.76 -1.18 -3.26	26.52 -1.68 -1.10	20.49 -1.24 -3.64	19.18 -0.81 -7.71	35.86 -1.99 -8.87	43.89 -2.78 -1.14	30.68 -1.78 -5.09	29.32 -1.70 -3.59	28.37 -1.87 -1.66	29.73 -2.06 -1.24	25.03 -1.41 -4.66
NIAGARA____ 23760	25.60 -0.93 -1.13	28.10 -0.96 -0.13	27.40 -0.84 0.00	29.99 -0.77 0.00	29.62 -0.83 0.00	29.90 -1.00 -0.17	28.74 -1.11 -2.99	27.92 -1.28 -3.42	23.20 -1.32 -0.62	28.30 -1.36 -0.02	30.54 -1.32 0.00	28.79 -1.30 0.00	29.34 -1.23 -0.02	21.01 -0.92 -3.25	26.88 -1.32 -1.09	20.76 -0.96 -3.63	19.35 -0.63 -7.70	36.25 -1.57 -8.85	44.51 -2.15 -1.14	31.04 -1.40 -5.08	29.67 -1.35 -3.58	28.73 -1.50 -1.66	30.11 -1.68 -1.24	25.36 -1.09 -4.65
NINE_MILE_1 23575	25.41 -0.67 -0.67	28.24 -0.76 -0.08	27.51 -0.73 0.00	29.96 -0.80 0.00	29.65 -0.80 0.00	30.01 -0.83 -0.10	27.90 -0.75 -1.78	27.10 -0.72 -2.04	23.62 -0.65 -0.37	28.84 -0.82 -0.01	30.96 -0.89 0.00	29.27 -0.81 0.00	29.71 -0.86 -0.01	20.11 -0.51 -1.94	27.01 -0.75 -0.65	19.78 -0.48 -2.17	16.56 -0.31 -4.60	33.49 -0.78 -5.28	44.96 -1.24 -0.68	29.65 -0.75 -3.03	28.83 -0.74 -2.14	28.80 -0.76 -0.99	30.46 -0.82 -0.74	23.99 -0.58 -2.77
NINE_MILE_2 23744	25.41 -0.66 -0.67	28.24 -0.76 -0.08	27.51 -0.73 0.00	29.96 -0.80 0.00	29.65 -0.80 0.00	30.01 -0.82 -0.10	27.90 -0.75 -1.78	27.09 -0.72 -2.03	23.62 -0.65 -0.37	28.84 -0.82 -0.01	30.97 -0.89 0.00	29.27 -0.81 0.00	29.72 -0.85 -0.01	20.10 -0.51 -1.94	27.00 -0.75 -0.65	19.77 -0.48 -2.16	16.54 -0.31 -4.58	33.48 -0.77 -5.27	44.96 -1.24 -0.68	29.65 -0.75 -3.02	28.82 -0.74 -2.13	28.81 -0.75 -0.99	30.47 -0.82 -0.74	23.98 -0.58 -2.77
NM_CAPITAL____DRP 24208	31.28 0.62 -5.25	30.27 0.74 -0.61	28.95 0.70 0.00	31.37 0.62 0.00	31.11 0.66 0.00	32.24 0.70 -0.81	41.41 0.60 -13.94	42.27 0.56 -15.94	27.42 0.60 -2.92	30.44 0.72 -0.07	32.50 0.65 0.00	30.80 0.72 0.00	31.40 0.74 -0.11	34.31 0.45 -15.18	32.89 0.67 -5.11	37.41 0.42 -18.89	48.47 0.28 -35.92	70.93 0.66 -41.29	51.93 1.10 -5.31	51.72 0.65 -23.71	44.81 0.66 -16.71	37.03 0.71 -7.75	37.06 0.73 -5.78	44.00 0.53 -21.68
NM_CENTRAL____DRP 24181	26.05 -0.19 -0.82	28.81 -0.21 -0.10	28.05 -0.20 0.00	30.55 -0.21 0.00	30.24 -0.21 0.00	30.64 -0.22 -0.13	28.85 -0.20 -2.18	28.08 -0.20 -2.50	24.19 -0.16 -0.46	29.47 -0.19 -0.01	31.66 -0.19 0.00	29.92 -0.16 0.00	30.38 -0.20 -0.02	20.93 -0.12 -2.38	27.72 -0.19 -0.80	20.64 -0.10 -2.66	17.85 -0.05 -5.63	35.33 -0.12 -6.47	46.14 -0.21 -0.83	30.92 -0.16 -3.71	29.88 -0.17 -2.62	29.61 -0.18 -1.21	31.23 -0.22 -0.91	25.02 -0.16 -3.40
NM_FRONTIER____DRP 24179	25.29 -1.25 -1.13	27.73 -1.32 -0.13	27.05 -1.19 0.00	29.62 -1.13 0.00	29.25 -1.20 0.00	29.51 -1.39 -0.17	28.35 -1.51 -3.00	27.55 -1.65 -3.42	22.90 -1.62 -0.63	27.93 -1.73 -0.02	30.14 -1.71 0.00	28.39 -1.69 0.00	28.96 -1.62 -0.02	20.76 -1.18 -3.26	26.52 -1.68 -1.10	20.49 -1.24 -3.64	19.18 -0.81 -7.71	35.86 -1.99 -8.87	43.89 -2.78 -1.14	30.68 -1.78 -5.09	29.32 -1.70 -3.59	28.37 -1.87 -1.66	29.73 -2.06 -1.24	25.03 -1.41 -4.66
NM_ST_REGIS____HYD 24053	25.16 -0.48 -0.23	28.24 -0.71 -0.03	27.69 -0.55 0.00	30.73 -0.02 0.00	30.34 -0.10 0.00	30.16 -0.60 -0.04	26.90 -0.58 -0.62	25.90 -0.58 -0.70	23.04 -0.99 -0.13	28.58 -1.07 0.00	30.89 -0.96 0.00	28.86 -1.22 0.00	29.63 -0.93 0.00	18.62 -0.72 -0.67	26.42 -0.91 -0.23	18.23 -0.61 -0.75	13.47 -0.39 -1.59	29.41 -1.39 -1.82	43.20 -2.55 -0.23	27.30 -1.12 -1.05	27.48 -0.69 -0.74	28.23 -0.68 -0.34	30.14 -0.66 -0.25	22.39 -0.37 -0.96
NORTHPORT____1 23551	31.38 1.63 -4.34	31.11 1.68 -0.51	29.76 1.51 0.00	32.46 1.71 0.00	32.13 1.68 0.00	33.25 1.85 -0.67	40.29 1.89 -11.54	40.68 1.72 -13.18	27.84 1.53 -2.41	31.44 1.83 0.04	33.31 2.42 0.96	31.26 2.24 1.05	32.93 2.22 -0.16	33.49 1.39 -13.43	33.19 1.86 -4.22	42.49 1.24 -23.16	63.28 0.87 -50.13	82.99 2.21 -51.80	94.30 3.65 -45.13	106.16 2.16 -76.62	72.50 2.15 -42.91	64.38 2.10 -33.71	37.61 2.28 -4.78	41.17 1.44 -17.93
NORTHPORT____2 23552	31.38 1.63 -4.34	31.11 1.68 -0.51	29.76 1.51 0.00	32.46 1.71 0.00	32.13 1.68 0.00	33.25 1.85 -0.67	40.29 1.89 -11.54	40.68 1.72 -13.18	27.84 1.53 -2.41	31.44 1.83 0.04	33.31 2.42 0.96	31.26 2.24 1.05	32.93 2.22 -0.16	33.49 1.39 -13.43	33.19 1.86 -4.22	42.49 1.24 -23.16	63.28 0.87 -50.13	82.99 2.21 -51.80	94.30 3.65 -45.13	106.16 2.16 -76.62	72.50 2.15 -42.91	64.38 2.10 -33.71	37.61 2.28 -4.78	41.17 1.44 -17.93

NORTHPORT___3 23553	31.32 1.57 -4.34	31.06 1.64 -0.51	29.72 1.48 0.00	32.40 1.64 0.00	32.06 1.61 0.00	33.18 1.79 -0.67	40.20 1.80 -11.54	40.61 1.65 -13.18	27.78 1.47 -2.41	31.42 1.82 0.04	33.29 2.43 0.99	31.22 2.21 1.08	32.88 2.18 -0.14	33.45 1.35 -13.42	33.13 1.80 -4.22	42.44 1.19 -23.16	63.15 0.82 -50.05	82.89 2.11 -51.81	94.03 3.45 -45.07	105.93 2.04 -76.52	72.46 2.04 -42.98	64.38 2.00 -33.81	37.48 2.15 -4.78	41.10 1.37 -17.93
NORTHPORT___4 23650	31.32 1.57 -4.34	31.06 1.64 -0.51	29.72 1.48 0.00	32.40 1.64 0.00	32.06 1.61 0.00	33.18 1.79 -0.67	40.20 1.80 -11.54	40.61 1.65 -13.18	27.78 1.47 -2.41	31.42 1.82 0.04	33.29 2.43 0.99	31.22 2.21 1.08	32.88 2.18 -0.14	33.45 1.35 -13.42	33.13 1.80 -4.22	42.44 1.19 -23.16	63.15 0.82 -50.05	82.89 2.11 -51.81	94.03 3.45 -45.07	105.93 2.04 -76.52	72.46 2.04 -42.98	64.38 2.00 -33.81	37.48 2.15 -4.78	41.10 1.37 -17.93
NORTHPORT___IC 23718	31.38 1.63 -4.34	31.11 1.68 -0.51	29.76 1.51 0.00	32.46 1.71 0.00	32.13 1.68 0.00	33.25 1.85 -0.67	40.29 1.89 -11.54	40.68 1.72 -13.18	27.84 1.53 -2.41	31.44 1.83 0.04	33.31 2.42 0.96	31.26 2.24 1.05	32.93 2.22 -0.16	33.49 1.39 -13.43	33.19 1.86 -4.22	42.49 1.24 -23.16	63.28 0.87 -50.13	82.99 2.21 -51.80	94.30 3.65 -45.13	106.16 2.16 -76.62	72.50 2.15 -42.91	64.38 2.10 -33.71	37.61 2.28 -4.78	41.17 1.44 -17.93
NORTH___COUNTRY_ESR 323785	24.85 -0.74 -0.18	28.04 -0.90 -0.02	27.54 -0.70 0.00	30.66 -0.09 0.00	30.25 -0.19 0.00	29.87 -0.89 -0.03	26.58 -0.77 -0.49	25.58 -0.76 -0.56	22.79 -1.21 -0.10	28.07 -1.58 0.00	30.33 -1.52 0.00	28.09 -1.99 0.00	28.89 -1.67 0.00	18.00 -1.20 -0.53	25.86 -1.42 -0.18	17.90 -0.78 -0.59	13.11 -0.42 -1.26	28.85 -1.57 -1.44	42.70 -3.01 -0.19	26.87 -1.32 -0.83	27.08 -0.94 -0.58	27.82 -1.02 -0.27	29.70 -1.05 -0.20	21.92 -0.63 -0.76
NPX_GEN_1385_PROXY 323591	31.40 1.65 -4.34	31.11 1.69 -0.51	29.62 1.38 0.00	32.58 1.82 0.00	32.23 1.79 0.00	33.28 1.89 -0.67	40.55 2.14 -11.54	40.75 1.79 -13.18	27.84 1.53 -2.41	31.11 1.50 0.04	32.96 2.07 0.96	31.10 2.07 1.05	32.78 2.07 -0.16	33.49 1.40 -13.43	33.25 1.92 -4.22	42.50 1.25 -23.16	63.34 0.94 -50.13	83.21 2.43 -51.80	94.98 4.33 -45.13	106.55 2.56 -76.62	72.79 2.44 -42.91	64.45 2.17 -33.71	37.76 2.43 -4.78	41.10 1.37 -17.93
NPX_GEN_CSC 323557	31.81 2.06 -4.34	31.57 2.15 -0.51	30.21 1.97 0.00	32.94 2.19 0.00	32.59 2.15 0.00	33.75 2.35 -0.67	40.75 2.34 -11.54	41.16 2.20 -13.18	28.24 1.94 -2.41	31.93 2.31 0.03	33.90 2.87 0.82	31.80 2.62 0.90	33.53 2.66 -0.31	33.92 1.67 -13.57	33.62 2.29 -4.22	42.83 1.57 -23.16	63.43 1.13 -50.01	83.67 2.90 -51.79	95.26 4.73 -45.00	106.67 2.81 -76.49	73.25 2.78 -43.03	65.24 2.80 -33.87	38.29 2.97 -4.78	41.63 1.91 -17.93
NSINS_S_GLNS_FALLS 23858	32.63 1.83 -5.40	31.61 2.07 -0.62	30.03 1.79 0.00	32.92 2.17 0.00	32.61 2.17 0.00	33.84 2.28 -0.83	43.22 2.03 -14.33	44.18 2.03 -16.37	28.62 1.72 -2.99	31.69 1.97 -0.07	33.78 1.93 0.00	31.93 1.85 0.00	32.52 1.86 -0.11	35.43 1.15 -15.61	33.67 1.32 -5.25	38.16 0.79 -19.28	49.76 0.56 -36.93	72.76 1.33 -42.45	53.00 2.02 -5.46	52.91 1.19 -24.36	45.79 1.18 -17.17	37.67 1.14 -7.96	37.82 1.33 -5.94	45.52 1.46 -22.27
NUCOR_STEEL___DRP 24197	26.47 0.08 -0.98	29.14 0.10 -0.11	28.35 0.10 0.00	30.90 0.14 0.00	30.58 0.13 0.00	31.02 0.14 -0.15	29.60 0.13 -2.61	28.87 0.11 -2.98	24.56 0.12 -0.54	29.96 0.30 -0.01	32.14 0.29 0.00	30.37 0.28 0.00	30.75 0.17 -0.02	21.52 0.01 -2.84	28.16 0.10 -0.95	21.42 0.17 -3.17	19.15 0.17 -6.71	37.06 0.36 -7.72	47.05 0.54 -0.99	32.13 0.33 -4.43	30.82 0.26 -3.12	30.22 0.20 -1.45	31.89 0.26 -1.08	25.99 0.14 -4.05
NUMBER_THREE_WT_PWR 323818	25.70 -0.08 -0.38	28.79 -0.17 -0.04	28.18 -0.06 0.00	30.92 0.17 0.00	30.64 0.19 0.00	30.96 0.17 -0.06	28.00 0.14 -1.00	27.03 0.11 -1.14	24.09 -0.02 -0.21	29.68 0.03 0.00	32.10 0.24 0.00	30.34 0.26 0.00	30.82 0.26 -0.01	19.87 0.10 -1.09	27.57 0.10 -0.37	19.31 0.01 -1.22	14.81 -0.04 -2.58	32.03 0.09 -2.96	46.12 0.22 -0.38	29.24 0.17 -1.70	28.77 0.14 -1.20	29.09 -0.03 -0.55	30.93 -0.03 -0.41	23.19 -0.16 -1.55
NYISO_LBMP_REFERENCE 24008	25.41 0.00 0.00	28.92 0.00 0.00	28.24 0.00 0.00	30.76 0.00 0.00	30.44 0.00 0.00	30.73 0.00 0.00	26.86 0.00 0.00	25.78 0.00 0.00	23.90 0.00 0.00	29.65 0.00 0.00	31.85 0.00 0.00	30.08 0.00 0.00	30.56 0.00 0.00	18.67 0.00 0.00	27.11 0.00 0.00	18.09 0.00 0.00	12.27 0.00 0.00	28.98 0.00 0.00	45.52 0.00 0.00	27.37 0.00 0.00	27.44 0.00 0.00	28.57 0.00 0.00	30.55 0.00 0.00	21.80 0.00 0.00
NYPA_BRENTWD___GT 24164	31.68 1.93 -4.34	31.44 2.01 -0.51	30.09 1.85 0.00	32.80 2.04 0.00	32.45 2.00 0.00	33.59 2.20 -0.67	40.60 2.20 -11.54	40.99 2.03 -13.18	28.12 1.81 -2.41	31.85 2.21 0.01	33.99 2.79 0.65	31.91 2.54 0.71	33.64 2.58 -0.51	34.03 1.60 -13.76	33.50 2.18 -4.22	42.72 1.47 -23.16	63.17 1.02 -49.88	83.20 2.45 -51.77	94.39 4.02 -44.85	106.13 2.43 -76.33	73.04 2.43 -43.17	65.07 2.43 -34.07	38.01 2.68 -4.78	41.47 1.74 -17.93
NYPA_GOWANUS___GT5 24156	30.98 1.22 -4.35	30.79 1.37 -0.51	29.52 1.28 0.00	32.09 1.33 0.00	31.72 1.27 0.00	32.82 1.42 -0.67	39.76 1.35 -11.53	40.26 1.30 -13.18	27.56 1.25 -2.41	31.35 1.64 -0.06	33.65 1.79 0.00	31.69 1.61 0.00	32.28 1.63 -0.09	32.20 0.97 -12.56	32.71 1.38 -4.22	42.16 0.86 -23.22	42.53 0.55 -29.70	64.60 1.47 -34.15	52.35 2.43 -4.40	48.46 1.48 -19.61	42.76 1.50 -13.83	36.47 1.50 -6.41	36.92 1.59 -4.78	40.79 1.06 -17.93
NYPA_GOWANUS___GT6 24157	30.98 1.22 -4.35	30.79 1.37 -0.51	29.52 1.28 0.00	32.09 1.33 0.00	31.72 1.27 0.00	32.82 1.42 -0.67	39.76 1.35 -11.53	40.26 1.30 -13.18	27.56 1.25 -2.41	31.35 1.64 -0.06	33.65 1.79 0.00	31.69 1.61 0.00	32.28 1.63 -0.09	32.20 0.97 -12.56	32.71 1.38 -4.22	42.16 0.86 -23.22	42.53 0.55 -29.70	64.60 1.47 -34.15	52.35 2.43 -4.40	48.46 1.48 -19.61	42.76 1.50 -13.83	36.47 1.50 -6.41	36.92 1.59 -4.78	40.79 1.06 -17.93
NYPA_HARLEM__RVR__GT1 24160	30.74 0.99 -4.34	30.54 1.12 -0.50	29.30 1.07 0.01	31.88 1.13 0.01	31.48 1.03 0.01	32.54 1.15 -0.66	39.48 1.08 -11.53	40.00 1.03 -13.18	27.31 0.99 -2.41	31.03 1.32 -0.06	33.35 1.50 0.00	31.38 1.30 0.00	31.97 1.33 -0.09	32.02 0.78 -12.56	32.49 1.16 -4.22	42.02 0.71 -23.22	42.43 0.46 -29.70	64.36 1.23 -34.14	51.94 2.03 -4.39	48.21 1.23 -19.61	42.51 1.25 -13.82	36.20 1.23 -6.41	36.62 1.29 -4.78	40.62 0.90 -17.93
NYPA_HARLEM__RVR__GT2 24161	30.74 0.99 -4.34	30.54 1.12 -0.50	29.30 1.07 0.01	31.88 1.13 0.01	31.48 1.03 0.01	32.54 1.15 -0.66	39.48 1.08 -11.53	40.00 1.03 -13.18	27.31 0.99 -2.41	31.03 1.32 -0.06	33.35 1.50 0.00	31.38 1.30 0.00	31.97 1.33 -0.09	32.02 0.78 -12.56	32.49 1.16 -4.22	42.02 0.71 -23.22	42.43 0.46 -29.70	64.36 1.23 -34.14	51.94 2.03 -4.39	48.21 1.23 -19.61	42.51 1.25 -13.82	36.20 1.23 -6.41	36.62 1.29 -4.78	40.62 0.90 -17.93

NYPA_KENT____GT 24152	30.94 1.19 -4.35	30.75 1.32 -0.51	29.48 1.24 0.00	32.05 1.29 0.00	31.68 1.24 0.00	32.77 1.38 -0.67	39.71 1.31 -11.53	40.21 1.25 -13.18	27.51 1.20 -2.41	31.28 1.57 -0.06	33.59 1.74 0.00	31.64 1.56 0.00	32.22 1.58 -0.09	32.17 0.94 -12.56	32.68 1.35 -4.22	42.14 0.84 -23.22	42.52 0.54 -29.70	64.58 1.45 -34.15	52.27 2.36 -4.40	48.41 1.43 -19.61	42.72 1.45 -13.83	36.42 1.44 -6.41	36.87 1.54 -4.78	40.75 1.03 -17.93
NYPA_POUCH1____GT 24155	30.96 1.21 -4.35	30.78 1.35 -0.51	29.52 1.27 0.00	32.08 1.32 0.00	31.71 1.27 0.00	32.81 1.41 -0.67	39.76 1.35 -11.53	40.26 1.30 -13.18	27.56 1.25 -2.41	31.33 1.63 -0.06	33.62 1.76 0.00	31.65 1.57 0.00	32.24 1.60 -0.09	32.18 0.95 -12.56	32.64 1.31 -4.22	42.11 0.81 -23.22	42.49 0.51 -29.70	64.53 1.40 -34.15	52.26 2.34 -4.40	48.40 1.42 -19.61	42.72 1.46 -13.83	36.44 1.46 -6.41	36.89 1.56 -4.78	40.77 1.04 -17.93
NYPA_VERNON____GT2 24162	30.90 1.15 -4.35	30.70 1.28 -0.51	29.44 1.20 0.00	32.01 1.26 0.00	31.64 1.20 0.00	32.72 1.33 -0.67	39.66 1.26 -11.53	40.16 1.20 -13.18	27.47 1.15 -2.41	31.22 1.51 -0.06	33.53 1.68 0.00	31.59 1.51 0.00	32.18 1.54 -0.09	32.14 0.91 -12.56	32.65 1.32 -4.22	42.13 0.82 -23.22	42.51 0.53 -29.70	64.56 1.43 -34.15	52.24 2.33 -4.40	48.38 1.40 -19.61	42.67 1.41 -13.83	36.37 1.39 -6.41	36.82 1.49 -4.78	40.72 0.99 -17.93
NYPA_VERNON____GT3 24163	30.90 1.15 -4.35	30.70 1.28 -0.51	29.44 1.20 0.00	32.01 1.26 0.00	31.64 1.20 0.00	32.72 1.33 -0.67	39.66 1.26 -11.53	40.16 1.20 -13.18	27.47 1.15 -2.41	31.22 1.51 -0.06	33.53 1.68 0.00	31.59 1.51 0.00	32.18 1.54 -0.09	32.14 0.91 -12.56	32.65 1.32 -4.22	42.13 0.82 -23.22	42.51 0.53 -29.70	64.56 1.43 -34.15	52.24 2.33 -4.40	48.38 1.40 -19.61	42.67 1.41 -13.83	36.37 1.39 -6.41	36.82 1.49 -4.78	40.72 0.99 -17.93
NYPA____ASTORIA_CC1 323568	30.86 1.11 -4.35	30.66 1.23 -0.51	29.40 1.16 0.00	31.97 1.21 0.00	31.59 1.15 0.00	32.67 1.27 -0.67	39.61 1.21 -11.53	40.10 1.14 -13.18	27.41 1.10 -2.41	31.16 1.45 -0.06	33.46 1.61 0.00	31.52 1.44 0.00	32.11 1.47 -0.09	32.10 0.88 -12.56	32.60 1.27 -4.22	42.09 0.79 -23.22	42.49 0.51 -29.70	64.50 1.37 -34.15	52.16 2.24 -4.40	48.32 1.34 -19.61	42.61 1.35 -13.83	36.31 1.33 -6.41	36.75 1.42 -4.78	40.67 0.94 -17.93
NYPA____ASTORIA_CC2 323569	30.86 1.11 -4.35	30.66 1.23 -0.51	29.40 1.16 0.00	31.97 1.21 0.00	31.59 1.15 0.00	32.67 1.27 -0.67	39.61 1.21 -11.53	40.10 1.14 -13.18	27.41 1.10 -2.41	31.16 1.45 -0.06	33.46 1.61 0.00	31.52 1.44 0.00	32.11 1.47 -0.09	32.10 0.88 -12.56	32.60 1.27 -4.22	42.09 0.79 -23.22	42.49 0.51 -29.70	64.50 1.37 -34.15	52.16 2.24 -4.40	48.32 1.34 -19.61	42.61 1.35 -13.83	36.31 1.33 -6.41	36.75 1.42 -4.78	40.67 0.94 -17.93
NYPA____HOLTSVILL 23794	31.59 1.84 -4.34	31.33 1.91 -0.51	29.98 1.74 0.00	32.70 1.94 0.00	32.34 1.89 0.00	33.50 2.10 -0.67	40.51 2.10 -11.54	40.91 1.95 -13.18	28.05 1.74 -2.41	31.71 2.09 0.03	33.67 2.65 0.83	31.59 2.42 0.91	33.30 2.45 -0.30	33.76 1.53 -13.56	33.41 2.08 -4.22	42.66 1.41 -23.16	63.30 0.99 -50.03	83.31 2.55 -51.79	94.71 4.18 -45.02	106.34 2.47 -76.50	72.91 2.45 -43.02	64.88 2.46 -33.85	37.96 2.63 -4.78	41.41 1.68 -17.93
NYPA____HELLGATE_GT1 24158	30.71 0.96 -4.34	30.50 1.08 -0.50	29.26 1.03 0.01	31.82 1.07 0.01	31.42 0.99 0.01	32.50 1.11 -0.66	39.44 1.04 -11.53	39.97 1.00 -13.18	27.27 0.96 -2.41	30.99 1.28 -0.06	33.31 1.46 0.00	31.34 1.26 0.00	31.93 1.28 -0.09	31.99 0.76 -12.56	32.47 1.14 -4.22	41.99 0.69 -23.22	42.42 0.44 -29.70	64.30 1.18 -34.14	51.86 1.95 -4.39	48.19 1.20 -19.61	42.50 1.24 -13.82	36.18 1.21 -6.41	36.58 1.26 -4.78	40.61 0.89 -17.93
NYPA____HELLGATE_GT2 24159	30.71 0.96 -4.34	30.50 1.08 -0.50	29.26 1.03 0.01	31.82 1.07 0.01	31.42 0.99 0.01	32.50 1.11 -0.66	39.44 1.04 -11.53	39.97 1.00 -13.18	27.27 0.96 -2.41	30.99 1.28 -0.06	33.31 1.46 0.00	31.34 1.26 0.00	31.93 1.28 -0.09	31.99 0.76 -12.56	32.47 1.14 -4.22	41.99 0.69 -23.22	42.42 0.44 -29.70	64.30 1.18 -34.14	51.86 1.95 -4.39	48.19 1.20 -19.61	42.50 1.24 -13.82	36.18 1.21 -6.41	36.58 1.26 -4.78	40.61 0.89 -17.93
NYS_BARGE____HYD 23848	25.84 -0.68 -1.11	28.44 -0.60 -0.13	27.73 -0.51 0.00	30.34 -0.42 0.00	29.97 -0.47 0.00	30.27 -0.63 -0.17	28.95 -0.88 -2.96	28.07 -1.08 -3.38	23.42 -1.10 -0.62	28.57 -1.10 -0.02	30.82 -1.03 0.00	29.04 -1.05 0.00	29.60 -0.98 -0.02	21.12 -0.78 -3.22	27.09 -1.10 -1.08	20.87 -0.81 -3.59	19.37 -0.52 -7.62	36.46 -1.27 -8.75	44.97 -1.68 -1.13	31.24 -1.16 -5.03	29.89 -1.09 -3.55	28.99 -1.22 -1.64	30.37 -1.41 -1.23	25.45 -0.94 -4.60
OAK_ORCHARD____HYD 24046	26.28 -0.14 -1.01	28.92 -0.12 -0.12	28.17 -0.07 0.00	30.76 0.01 0.00	30.41 -0.03 0.00	30.77 -0.11 -0.16	29.35 -0.20 -2.68	28.56 -0.28 -3.06	24.10 -0.36 -0.56	29.33 -0.33 -0.01	31.58 -0.27 0.00	29.80 -0.28 0.00	30.34 -0.24 -0.02	21.36 -0.22 -2.92	27.78 -0.31 -0.98	21.13 -0.22 -3.25	19.08 -0.10 -6.90	36.67 -0.24 -7.93	46.34 -0.21 -1.02	31.73 -0.19 -4.55	30.44 -0.20 -3.21	29.76 -0.30 -1.49	31.26 -0.40 -1.11	25.71 -0.24 -4.16
OAKDALE__35_KV_LOAD 356122	27.37 0.10 -1.86	29.29 0.15 -0.22	28.40 0.16 0.00	30.97 0.22 0.00	30.64 0.19 0.00	31.22 0.21 -0.29	32.03 0.22 -4.94	31.60 0.17 -5.65	25.11 0.17 -1.04	29.93 0.25 -0.02	32.16 0.31 0.00	30.38 0.30 0.00	30.79 0.19 -0.04	24.14 0.09 -5.38	29.08 0.17 -1.81	24.21 0.12 -6.01	25.09 0.08 -12.73	43.87 0.25 -14.64	47.75 0.34 -1.88	35.90 0.13 -8.41	33.46 0.10 -5.93	31.36 0.05 -2.75	32.66 0.06 -2.05	29.52 0.04 -7.68
OCC_CHEM____DRP 24175	25.35 -1.19 -1.13	27.80 -1.25 -0.13	27.12 -1.12 0.00	29.69 -1.07 0.00	29.32 -1.13 0.00	29.58 -1.32 -0.17	28.42 -1.45 -3.00	27.62 -1.58 -3.43	22.96 -1.57 -0.63	28.00 -1.66 -0.02	30.21 -1.64 0.00	28.46 -1.62 0.00	29.04 -1.54 -0.02	20.81 -1.13 -3.26	26.59 -1.61 -1.10	20.54 -1.19 -3.64	19.22 -0.78 -7.72	35.95 -1.91 -8.87	44.00 -2.67 -1.14	30.76 -1.71 -5.10	29.39 -1.63 -3.59	28.45 -1.79 -1.66	29.80 -1.99 -1.24	25.10 -1.36 -4.66
OH_GEN_PROXY 24063	25.63 -0.90 -1.12	28.14 -0.91 -0.13	27.45 -0.79 0.00	30.04 -0.72 0.00	29.66 -0.79 0.00	29.96 -0.94 -0.17	28.79 -1.05 -2.97	27.98 -1.20 -3.40	23.28 -1.24 -0.62	28.40 -1.26 -0.02	30.64 -1.21 0.00	28.89 -1.20 0.00	29.45 -1.13 -0.02	21.06 -0.85 -3.24	26.97 -1.23 -1.09	20.80 -0.90 -3.61	19.34 -0.59 -7.66	36.32 -1.47 -8.80	44.66 -2.00 -1.13	31.11 -1.31 -5.06	29.72 -1.28 -3.56	28.81 -1.41 -1.65	30.20 -1.58 -1.23	25.38 -1.03 -4.62
OLIN_CORP_DRP 24177	25.54 -1.01 -1.13	28.10 -0.96 -0.13	27.40 -0.85 0.00	29.98 -0.78 0.00	29.59 -0.86 0.00	29.88 -1.03 -0.17	28.61 -1.27 -3.01	27.74 -1.48 -3.44	23.08 -1.45 -0.63	28.14 -1.52 -0.02	30.37 -1.49 0.00	28.60 -1.48 0.00	29.16 -1.42 -0.02	20.90 -1.05 -3.28	26.70 -1.51 -1.10	20.65 -1.10 -3.66	19.31 -0.72 -7.75	36.13 -1.76 -8.91	44.22 -2.45 -1.15	30.92 -1.58 -5.12	29.53 -1.52 -3.61	28.58 -1.66 -1.67	29.94 -1.86 -1.25	25.21 -1.27 -4.68

OLIN_CORP_DSASP 323712	25.35 -1.19 -1.13	27.80 -1.25 -0.13	27.12 -1.12 0.00	29.68 -1.08 0.00	29.32 -1.13 0.00	29.58 -1.32 -0.17	28.42 -1.44 -3.00	27.62 -1.59 -3.43	22.95 -1.57 -0.63	28.00 -1.67 -0.02	30.21 -1.65 0.00	28.46 -1.62 0.00	29.03 -1.55 -0.02	20.81 -1.13 -3.26	26.59 -1.61 -1.10	20.55 -1.18 -3.64	19.22 -0.78 -7.72	35.94 -1.91 -8.87	44.01 -2.66 -1.14	30.73 -1.73 -5.10	29.39 -1.64 -3.59	28.45 -1.79 -1.66	29.79 -2.00 -1.24	25.10 -1.36 -4.66
ONEIDA_HERK_LFGE 323681	26.04 0.31 -0.32	29.28 0.32 -0.04	28.61 0.37 0.00	31.27 0.51 0.00	30.97 0.52 0.00	31.31 0.53 -0.05	28.19 0.47 -0.85	27.21 0.46 -0.96	24.46 0.38 -0.18	30.18 0.52 0.00	32.50 0.65 0.00	30.73 0.65 0.00	31.20 0.64 -0.01	19.96 0.36 -0.92	27.94 0.52 -0.31	19.44 0.33 -1.03	14.66 0.21 -2.18	32.04 0.55 -2.50	46.72 0.87 -0.32	29.34 0.53 -1.44	28.96 0.51 -1.01	29.46 0.42 -0.47	31.33 0.43 -0.35	23.34 0.23 -1.32
ONEIDA___115KV_TB4 55905	26.52 0.58 -0.52	29.67 0.69 -0.06	28.96 0.72 0.00	31.59 0.83 0.00	31.27 0.82 0.00	31.66 0.85 -0.08	29.02 0.77 -1.39	28.10 0.74 -1.59	24.89 0.69 -0.29	30.56 0.91 -0.01	32.86 1.01 0.00	31.05 0.97 0.00	31.51 0.95 -0.01	20.76 0.58 -1.51	28.46 0.85 -0.51	20.35 0.57 -1.69	16.24 0.40 -3.57	34.02 0.93 -4.11	47.43 1.38 -0.53	30.51 0.79 -2.36	29.86 0.76 -1.66	30.06 0.72 -0.77	31.85 0.73 -0.57	24.42 0.47 -2.16
ONONDAGA_REF_OCCRA 23987	26.32 -0.01 -0.92	29.01 -0.02 -0.11	28.23 -0.01 0.00	30.76 0.01 0.00	30.44 -0.01 0.00	30.86 -0.01 -0.14	29.31 0.00 -2.45	28.56 -0.01 -2.80	24.43 0.02 -0.51	29.70 0.03 -0.01	31.89 0.04 0.00	30.14 0.06 0.00	30.58 0.01 -0.02	21.34 0.01 -2.66	27.99 -0.01 -0.90	21.09 0.02 -2.97	18.62 0.04 -6.31	36.34 0.11 -7.25	46.61 0.16 -0.93	31.59 0.06 -4.16	30.41 0.04 -2.93	29.96 0.03 -1.36	31.56 0.00 -1.01	25.59 -0.01 -3.81
ONONDAGA___COGEN 23986	26.24 -0.06 -0.89	28.95 -0.08 -0.10	28.18 -0.07 0.00	30.70 -0.06 0.00	30.37 -0.07 0.00	30.79 -0.07 -0.14	29.17 -0.06 -2.37	28.41 -0.07 -2.70	24.36 -0.04 -0.49	29.64 -0.03 0.00	31.83 -0.02 0.00	30.08 0.00 0.00	30.52 -0.05 -0.02	21.21 -0.05 -2.58	27.90 -0.07 -0.87	20.95 -0.01 -2.88	18.39 0.02 -6.09	36.04 0.05 -7.00	46.47 0.04 -0.90	31.40 0.01 -4.02	30.25 -0.02 -2.84	29.85 -0.03 -1.31	31.48 -0.05 -0.98	25.42 -0.05 -3.68
ONTARIO___LFGE 23819	26.69 0.19 -1.09	29.30 0.25 -0.13	28.50 0.27 0.00	31.11 0.36 0.00	30.79 0.34 0.00	31.26 0.36 -0.17	30.11 0.35 -2.89	29.39 0.31 -3.31	24.76 0.26 -0.61	30.02 0.36 -0.01	32.15 0.30 0.00	30.31 0.23 0.00	30.71 0.12 -0.02	21.83 0.00 -3.15	28.21 0.05 -1.06	21.72 0.11 -3.51	19.89 0.17 -7.45	37.97 0.43 -8.56	47.20 0.58 -1.10	32.65 0.36 -4.92	31.19 0.28 -3.47	30.34 0.16 -1.61	31.88 0.14 -1.20	26.37 0.08 -4.49
ORANGEVILLE_WT_PWR 323706	26.11 -0.57 -1.27	28.56 -0.51 -0.15	27.86 -0.38 0.00	30.48 -0.28 0.00	30.13 -0.31 0.00	30.55 -0.37 -0.19	29.83 -0.41 -3.37	29.09 -0.54 -3.85	24.03 -0.57 -0.71	29.17 -0.50 -0.02	31.40 -0.45 0.00	29.59 -0.49 0.00	30.08 -0.50 -0.03	21.91 -0.43 -3.67	27.78 -0.56 -1.23	21.79 -0.40 -4.10	20.71 -0.24 -8.68	38.36 -0.60 -9.98	45.97 -0.83 -1.28	32.36 -0.74 -5.73	30.65 -0.83 -4.04	29.44 -1.00 -1.87	30.86 -1.09 -1.40	26.30 -0.73 -5.24
ORANGEVILLE___ESR 323794	26.11 -0.57 -1.27	28.56 -0.51 -0.15	27.86 -0.38 0.00	30.48 -0.28 0.00	30.13 -0.31 0.00	30.55 -0.37 -0.19	29.83 -0.41 -3.37	29.09 -0.54 -3.85	24.03 -0.57 -0.71	29.17 -0.50 -0.02	31.40 -0.45 0.00	29.59 -0.49 0.00	30.08 -0.50 -0.03	21.91 -0.43 -3.67	27.78 -0.56 -1.23	21.79 -0.40 -4.10	20.71 -0.24 -8.68	38.36 -0.60 -9.98	45.97 -0.83 -1.28	32.36 -0.74 -5.73	30.65 -0.83 -4.04	29.44 -1.00 -1.87	30.86 -1.09 -1.40	26.30 -0.73 -5.24
OSWEGATCHIE___HYD 24044	25.23 -0.50 -0.32	28.25 -0.71 -0.04	27.66 -0.58 0.00	30.53 -0.23 0.00	30.20 -0.25 0.00	30.29 -0.49 -0.05	27.26 -0.47 -0.86	26.28 -0.48 -0.98	23.36 -0.72 -0.18	28.90 -0.75 0.00	31.24 -0.61 0.00	29.40 -0.68 0.00	30.02 -0.54 -0.01	19.18 -0.43 -0.94	26.79 -0.63 -0.32	18.67 -0.46 -1.04	14.15 -0.33 -2.21	30.63 -0.90 -2.54	44.31 -1.54 -0.33	28.12 -0.71 -1.46	27.95 -0.51 -1.03	28.47 -0.58 -0.48	30.33 -0.57 -0.35	22.70 -0.43 -1.33
OSWEGO___5 23606	25.63 -0.49 -0.72	28.44 -0.57 -0.08	27.70 -0.54 0.00	30.17 -0.58 0.00	29.86 -0.58 0.00	30.23 -0.61 -0.11	28.23 -0.55 -1.91	27.42 -0.54 -2.18	23.82 -0.48 -0.40	29.06 -0.60 -0.01	31.21 -0.64 0.00	29.50 -0.58 0.00	29.95 -0.62 -0.01	20.37 -0.38 -2.08	27.24 -0.56 -0.70	20.05 -0.36 -2.32	16.96 -0.22 -4.91	34.07 -0.56 -5.65	45.36 -0.89 -0.73	30.07 -0.54 -3.24	29.17 -0.55 -2.29	29.07 -0.56 -1.06	30.72 -0.61 -0.79	24.33 -0.43 -2.97
OSWEGO___6 23613	25.63 -0.49 -0.72	28.44 -0.57 -0.08	27.70 -0.54 0.00	30.17 -0.58 0.00	29.86 -0.58 0.00	30.23 -0.61 -0.11	28.23 -0.55 -1.91	27.42 -0.54 -2.18	23.82 -0.48 -0.40	29.06 -0.60 -0.01	31.21 -0.64 0.00	29.50 -0.58 0.00	29.95 -0.62 -0.01	20.37 -0.38 -2.08	27.24 -0.56 -0.70	20.05 -0.36 -2.32	16.96 -0.22 -4.91	34.07 -0.56 -5.65	45.36 -0.89 -0.73	30.07 -0.54 -3.24	29.17 -0.55 -2.29	29.07 -0.56 -1.06	30.72 -0.61 -0.79	24.33 -0.43 -2.97
OUTOKUMPU-AB___DRP 24206	25.94 -0.60 -1.14	28.49 -0.56 -0.13	27.78 -0.46 0.00	30.41 -0.35 0.00	30.03 -0.41 0.00	30.34 -0.57 -0.17	29.14 -0.75 -3.03	28.32 -0.91 -3.46	23.59 -0.94 -0.63	28.78 -0.89 -0.02	31.05 -0.80 0.00	29.24 -0.84 0.00	29.80 -0.78 -0.02	21.31 -0.66 -3.29	27.30 -0.92 -1.11	21.07 -0.70 -3.68	19.63 -0.44 -7.79	36.87 -1.07 -8.96	45.28 -1.40 -1.15	31.54 -0.97 -5.15	30.12 -0.95 -3.63	29.16 -1.09 -1.68	30.56 -1.24 -1.25	25.66 -0.84 -4.70
OXBOW___ 24026	25.71 -0.83 -1.13	28.23 -0.83 -0.13	27.53 -0.71 0.00	30.12 -0.64 0.00	29.76 -0.69 0.00	30.05 -0.86 -0.17	28.86 -1.02 -3.01	28.05 -1.18 -3.44	23.34 -1.19 -0.63	28.48 -1.19 -0.02	30.72 -1.13 0.00	28.94 -1.15 0.00	29.50 -1.08 -0.02	21.11 -0.84 -3.28	27.02 -1.18 -1.10	20.87 -0.88 -3.66	19.46 -0.57 -7.76	36.50 -1.40 -8.92	44.79 -1.89 -1.15	31.21 -1.28 -5.12	29.85 -1.20 -3.61	28.89 -1.35 -1.67	30.27 -1.53 -1.25	25.44 -1.03 -4.68
OXY_CHEM_DSASP 323612	25.35 -1.19 -1.13	27.80 -1.25 -0.13	27.12 -1.12 0.00	29.69 -1.07 0.00	29.32 -1.13 0.00	29.58 -1.32 -0.17	28.42 -1.45 -3.00	27.62 -1.58 -3.43	22.96 -1.57 -0.63	28.00 -1.66 -0.02	30.21 -1.64 0.00	28.46 -1.62 0.00	29.04 -1.54 -0.02	20.81 -1.13 -3.26	26.59 -1.61 -1.10	20.54 -1.19 -3.64	19.22 -0.78 -7.72	35.95 -1.91 -8.87	44.00 -2.67 -1.14	30.76 -1.71 -5.10	29.39 -1.63 -3.59	28.45 -1.79 -1.66	29.80 -1.99 -1.24	25.10 -1.36 -4.66
OZONE_PARK_ESR 323760	31.07 1.31 -4.35	30.88 1.46 -0.51	29.59 1.35 0.00	32.15 1.39 0.00	31.81 1.36 0.00	32.90 1.51 -0.67	39.83 1.43 -11.53	40.34 1.38 -13.18	27.63 1.32 -2.41	31.43 1.72 -0.06	33.77 1.92 0.00	31.83 1.75 0.00	32.42 1.77 -0.09	32.29 1.06 -12.56	32.87 1.54 -4.22	42.30 0.97 -23.24	42.62 0.64 -29.70	64.81 1.68 -34.15	52.65 2.73 -4.40	48.61 1.63 -19.61	42.90 1.64 -13.82	36.61 1.63 -6.41	37.08 1.75 -4.78	40.88 1.16 -17.93

PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	25.35 -1.19 -1.13	27.80 -1.25 -0.13	27.12 -1.12 0.00	29.69 -1.07 0.00	29.32 -1.13 0.00	29.58 -1.32 -0.17	28.42 -1.45 -3.00	27.62 -1.58 -3.43	22.96 -1.57 -0.63	28.00 -1.66 -0.02	30.21 -1.64 0.00	28.46 -1.62 0.00	29.04 -1.54 -0.02	20.81 -1.13 -3.26	26.59 -1.61 -1.10	20.54 -1.19 -3.64	19.22 -0.78 -7.72	35.95 -1.91 -8.87	44.00 -2.67 -1.14	30.76 -1.71 -5.10	29.39 -1.63 -3.59	28.45 -1.79 -1.66	29.80 -1.99 -1.24	25.10 -1.36 -4.66
PACKARD__115KV_DUPONT_184 80571	25.35 -1.19 -1.13	27.80 -1.25 -0.13	27.12 -1.12 0.00	29.69 -1.07 0.00	29.32 -1.13 0.00	29.58 -1.32 -0.17	28.42 -1.45 -3.00	27.62 -1.58 -3.43	22.96 -1.57 -0.63	28.00 -1.66 -0.02	30.21 -1.64 0.00	28.46 -1.62 0.00	29.04 -1.54 -0.02	20.81 -1.13 -3.26	26.59 -1.61 -1.10	20.54 -1.19 -3.64	19.22 -0.78 -7.72	35.95 -1.91 -8.87	44.00 -2.67 -1.14	30.76 -1.71 -5.10	29.39 -1.63 -3.59	28.45 -1.79 -1.66	29.80 -1.99 -1.24	25.10 -1.36 -4.66
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	30.82 1.07 -4.35	30.64 1.22 -0.51	29.40 1.15 0.00	31.99 1.23 0.00	31.57 1.13 0.00	32.64 1.24 -0.67	39.57 1.17 -11.53	40.08 1.11 -13.18	27.38 1.07 -2.41	31.13 1.42 -0.06	33.44 1.59 0.00	31.48 1.40 0.00	32.07 1.43 -0.09	32.08 0.85 -12.56	32.57 1.24 -4.22	42.07 0.76 -23.22	42.48 0.50 -29.70	64.47 1.34 -34.15	52.09 2.17 -4.40	48.28 1.30 -19.61	42.57 1.31 -13.83	36.27 1.29 -6.41	36.69 1.36 -4.78	40.64 0.92 -17.93
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	30.88 1.13 -4.35	30.83 1.41 -0.51	29.61 1.37 0.00	32.21 1.45 0.00	31.81 1.37 0.00	32.79 1.39 -0.67	39.70 1.30 -11.53	40.23 1.27 -13.18	27.57 1.26 -2.41	31.38 1.67 -0.06	33.69 1.84 0.00	31.72 1.64 0.00	32.31 1.67 -0.09	32.22 0.98 -12.56	32.70 1.37 -4.22	42.15 0.84 -23.22	42.54 0.55 -29.70	64.64 1.51 -34.15	52.32 2.40 -4.40	48.41 1.43 -19.61	42.67 1.41 -13.83	36.39 1.41 -6.41	36.81 1.48 -4.78	40.68 0.96 -17.93
PATROON__115KV_TB1 80586	31.34 0.65 -5.28	30.31 0.77 -0.61	28.97 0.73 0.00	31.40 0.64 0.00	31.13 0.68 0.00	32.26 0.72 -0.81	41.50 0.61 -14.02	42.39 0.58 -16.03	27.47 0.64 -2.93	30.48 0.76 -0.07	32.52 0.67 0.00	30.85 0.77 0.00	31.44 0.77 -0.11	34.42 0.48 -15.27	32.95 0.71 -5.14	37.50 0.45 -18.96	48.70 0.30 -36.12	71.21 0.70 -41.53	52.01 1.14 -5.34	51.90 0.69 -23.84	44.94 0.69 -16.81	37.10 0.74 -7.79	37.13 0.77 -5.81	44.13 0.53 -21.80
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	26.05 -0.55 -1.19	28.59 -0.47 -0.14	27.89 -0.35 0.00	30.52 -0.24 0.00	30.15 -0.30 0.00	30.47 -0.44 -0.18	29.42 -0.61 -3.16	28.61 -0.78 -3.61	23.77 -0.79 -0.66	28.98 -0.68 -0.02	31.27 -0.58 0.00	29.55 -0.53 0.00	30.04 -0.54 -0.02	21.60 -0.51 -3.44	27.55 -0.71 -1.16	21.39 -0.54 -3.84	20.06 -0.36 -8.15	37.46 -0.88 -9.37	45.67 -1.06 -1.21	31.93 -0.81 -5.38	30.39 -0.84 -3.79	29.40 -0.93 -1.76	30.79 -1.07 -1.31	25.98 -0.73 -4.92
PAWLING_115_KV_BK3_REV_LBMP_H 345028	31.14 1.33 -4.40	30.91 1.48 -0.51	29.65 1.41 0.00	32.23 1.48 0.00	31.90 1.45 0.00	32.98 1.58 -0.68	40.03 1.48 -11.68	40.56 1.43 -13.36	27.69 1.35 -2.44	31.42 1.71 -0.06	33.73 1.88 0.00	31.81 1.73 0.00	32.38 1.74 -0.09	32.44 1.05 -12.72	32.91 1.53 -4.28	36.15 0.98 -17.08	43.03 0.67 -30.09	65.32 1.75 -34.59	52.79 2.81 -4.45	48.89 1.66 -19.87	43.10 1.65 -14.00	36.71 1.65 -6.49	37.17 1.78 -4.84	41.16 1.20 -18.16
PEEKSKILL____ 23653	30.71 0.99 -4.31	30.53 1.11 -0.50	29.29 1.05 0.00	31.84 1.08 0.00	31.49 1.04 0.00	32.56 1.17 -0.66	39.43 1.14 -11.43	39.93 1.09 -13.06	27.31 1.03 -2.39	31.03 1.32 -0.06	33.31 1.46 0.00	31.39 1.31 0.00	31.96 1.31 -0.09	31.90 0.79 -12.44	32.43 1.14 -4.19	43.57 0.71 -24.76	42.19 0.47 -29.44	64.12 1.29 -33.85	51.99 2.11 -4.36	48.05 1.24 -19.44	42.37 1.23 -13.70	36.13 1.21 -6.35	36.61 1.32 -4.74	40.44 0.88 -17.77
PGE MADISON__WINDPWR 24146	28.94 1.75 -1.79	31.42 2.30 -0.21	30.51 2.27 0.00	33.43 2.68 0.00	33.15 2.70 0.00	33.86 2.86 -0.27	34.23 2.63 -4.74	33.78 2.58 -5.42	27.32 2.43 -0.99	32.85 3.18 -0.02	35.24 3.39 0.00	33.11 3.03 0.00	33.40 2.81 -0.04	25.48 1.65 -5.16	31.38 2.54 -1.74	25.68 1.83 -5.76	25.81 1.33 -12.20	46.29 3.28 -14.03	52.36 5.04 -1.81	38.16 2.74 -8.05	35.74 2.62 -5.68	33.57 2.36 -2.63	35.02 2.51 -1.96	30.70 1.54 -7.37
PIERCEFIELD__HYD 23852	25.10 -0.55 -0.24	28.14 -0.81 -0.03	27.59 -0.65 0.00	30.60 -0.16 0.00	30.21 -0.24 0.00	30.07 -0.70 -0.04	26.82 -0.68 -0.64	25.84 -0.67 -0.73	22.97 -1.06 -0.13	28.55 -1.10 0.00	30.87 -0.98 0.00	28.89 -1.19 0.00	29.66 -0.90 0.00	18.68 -0.68 -0.70	26.42 -0.92 -0.23	18.20 -0.66 -0.78	13.47 -0.45 -1.65	29.37 -1.50 -1.89	43.09 -2.67 -0.24	27.24 -1.21 -1.09	27.42 -0.78 -0.77	28.19 -0.74 -0.36	30.11 -0.71 -0.27	22.39 -0.40 -0.99
PINELAWN_CC_I 323563	31.49 1.74 -4.35	31.24 1.81 -0.51	29.90 1.66 0.00	32.58 1.82 0.00	32.24 1.79 0.00	33.37 1.97 -0.67	40.38 1.98 -11.54	40.80 1.84 -13.19	27.94 1.63 -2.41	31.71 2.00 -0.06	34.57 2.55 -0.17	32.58 2.32 -0.19	34.34 2.35 -1.43	34.77 1.45 -14.64	33.29 1.95 -4.23	42.56 1.30 -23.16	62.40 0.92 -49.21	83.01 2.35 -51.68	93.47 3.86 -44.09	105.20 2.29 -75.55	73.60 2.27 -43.89	65.90 2.25 -35.08	37.75 2.42 -4.78	41.30 1.57 -17.93
PJM_GEN_HTP_PROXY 323702	30.81 1.06 -4.35	30.60 1.17 -0.51	29.33 1.10 0.00	31.88 1.12 0.00	31.53 1.09 0.00	32.62 1.23 -0.67	39.58 1.18 -11.53	40.10 1.14 -13.18	27.40 1.09 -2.41	31.14 1.43 -0.06	33.43 1.59 0.00	31.51 1.43 0.00	32.09 1.45 -0.09	32.09 0.86 -12.55	32.58 1.25 -4.22	42.13 0.78 -23.26	42.48 0.51 -29.70	68.16 1.35 -37.84	55.08 2.20 -7.36	48.29 1.30 -19.61	42.58 1.32 -13.82	36.29 1.31 -6.41	36.74 1.41 -4.78	40.65 0.93 -17.93
PJM_GEN_KEystone 24065	28.46 0.18 -2.87	29.53 0.27 -0.33	28.53 0.29 0.00	31.10 0.34 0.00	30.75 0.31 0.00	31.49 0.32 -0.44	34.77 0.28 -7.62	34.68 0.19 -8.71	25.64 0.15 -1.59	29.99 0.30 -0.04	32.25 0.40 0.00	30.45 0.37 0.00	30.95 0.33 -0.06	27.11 0.14 -8.30	30.12 0.22 -2.79	11.37 0.07 6.79	27.57 0.03 -15.26	55.41 0.17 -26.26	51.79 0.39 -5.87	40.46 0.13 -12.96	36.69 0.12 -9.14	32.87 0.06 -4.23	33.80 0.09 -3.16	33.72 0.08 -11.85
PJM_GEN_NEPTUNE_PROXY 323594	31.16 1.41 -4.34	30.88 1.46 -0.51	29.57 1.33 0.00	32.22 1.47 0.00	31.87 1.43 0.00	32.99 1.60 -0.66	40.01 1.61 -11.53	40.46 1.50 -13.18	27.65 1.35 -2.41	31.24 1.69 0.10	32.53 2.22 1.53	30.42 2.02 1.68	32.10 2.02 0.48	32.73 1.24 -12.82	32.97 1.64 -4.22	42.31 1.06 -23.16	48.81 0.73 -35.81	77.40 1.87 -46.56	72.50 3.08 -23.90	71.63 1.83 -42.43	60.77 1.82 -31.51	55.38 1.80 -25.01	37.27 1.94 -4.78	40.98 1.26 -17.93
PJM_GEN_VFT_PROXY 323633	30.66 0.91 -4.35	30.44 1.02 -0.51	29.17 0.93 0.00	31.71 0.95 0.00	31.36 0.91 0.00	32.45 1.06 -0.67	39.44 1.04 -11.53	39.96 1.00 -13.18	27.27 0.96 -2.41	30.97 1.27 -0.06	33.25 1.40 0.00	31.32 1.24 0.00	31.90 1.26 -0.09	31.97 0.74 -12.56	32.42 1.09 -4.22	41.99 0.66 -23.24	42.40 0.43 -29.70	67.99 1.17 -37.84	54.82 1.93 -7.36	48.12 1.14 -19.61	42.42 1.15 -13.82	36.12 1.14 -6.41	36.56 1.23 -4.78	40.53 0.80 -17.93

PLATSBRG_115KV_PMLD1 355749	25.21 -0.37 -0.18	28.48 -0.46 -0.02	27.95 -0.29 0.00	31.12 0.36 0.00	30.81 0.37 0.00	30.48 -0.28 -0.03	27.09 -0.25 -0.47	26.06 -0.26 -0.54	23.22 -0.78 -0.10	28.50 -1.15 0.00	30.77 -1.08 0.00	28.54 -1.54 0.00	29.31 -1.25 0.00	18.26 -0.93 -0.51	26.25 -1.03 -0.17	18.20 -0.46 -0.57	13.30 -0.19 -1.22	29.33 -1.05 -1.40	43.52 -2.18 -0.18	27.33 -0.84 -0.80	27.50 -0.50 -0.57	28.28 -0.55 -0.26	30.19 -0.55 -0.20	22.27 -0.26 -0.73
PLEASANTVLY___LBMP 24000	30.90 0.97 -4.52	30.54 1.09 -0.53	29.27 1.03 0.00	31.81 1.06 0.00	31.49 1.04 0.00	32.56 1.14 -0.69	39.93 1.07 -12.00	40.50 1.01 -13.72	27.37 0.96 -2.51	30.95 1.24 -0.06	33.22 1.37 0.00	31.34 1.26 0.00	31.94 1.28 -0.09	32.52 0.78 -13.06	32.62 1.12 -4.40	37.26 0.70 -18.47	43.65 0.46 -30.91	65.73 1.22 -35.53	52.08 1.98 -4.57	48.95 1.18 -20.41	43.00 1.18 -14.39	36.40 1.16 -6.67	36.81 1.29 -4.97	41.32 0.87 -18.66
PLSNTVLE_13_KV_13.8KVDIST 80602	30.89 1.11 -4.37	30.66 1.23 -0.51	29.39 1.15 0.00	31.96 1.20 0.00	31.62 1.17 0.00	32.70 1.30 -0.67	39.70 1.23 -11.60	40.22 1.18 -13.26	27.43 1.10 -2.43	31.14 1.44 -0.06	33.44 1.59 0.00	31.52 1.44 0.00	32.11 1.47 -0.09	32.18 0.88 -12.63	32.62 1.27 -4.25	40.01 0.80 -21.12	42.69 0.53 -29.88	64.74 1.41 -34.35	52.24 2.30 -4.42	48.46 1.36 -19.73	42.71 1.37 -13.90	36.35 1.33 -6.45	36.82 1.46 -4.81	40.81 0.98 -18.04
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	30.89 1.11 -4.37	30.66 1.23 -0.51	29.39 1.15 0.00	31.96 1.20 0.00	31.62 1.17 0.00	32.70 1.30 -0.67	39.70 1.23 -11.60	40.22 1.18 -13.26	27.43 1.10 -2.43	31.14 1.44 -0.06	33.44 1.59 0.00	31.52 1.44 0.00	32.11 1.47 -0.09	32.18 0.88 -12.63	32.62 1.27 -4.25	40.01 0.80 -21.12	42.69 0.53 -29.88	64.74 1.41 -34.35	52.24 2.30 -4.42	48.46 1.36 -19.73	42.71 1.37 -13.90	36.35 1.33 -6.45	36.82 1.46 -4.81	40.81 0.98 -18.04
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	31.09 1.22 -4.46	30.81 1.37 -0.52	29.54 1.30 0.00	32.11 1.35 0.00	31.79 1.35 0.00	32.86 1.44 -0.69	40.05 1.34 -11.85	40.59 1.27 -13.54	27.58 1.20 -2.48	31.22 1.52 -0.06	33.50 1.65 0.00	31.60 1.52 0.00	32.20 1.55 -0.09	32.51 0.93 -12.90	32.82 1.37 -4.34	34.99 0.89 -16.01	43.40 0.61 -30.51	65.64 1.58 -35.08	52.59 2.55 -4.52	49.04 1.52 -20.15	43.16 1.52 -14.20	36.66 1.51 -6.58	37.09 1.64 -4.91	41.31 1.09 -18.42
POLETTI____ 23519	30.78 1.03 -4.35	30.56 1.13 -0.51	29.28 1.05 0.00	31.83 1.08 0.00	31.48 1.03 0.00	32.57 1.17 -0.67	39.52 1.12 -11.53	40.04 1.08 -13.18	27.36 1.05 -2.41	31.09 1.39 -0.06	33.42 1.57 0.00	31.49 1.41 0.00	32.07 1.43 -0.09	32.08 0.86 -12.56	32.56 1.23 -4.22	42.09 0.76 -23.24	42.46 0.49 -29.70	64.43 1.31 -34.15	52.05 2.13 -4.40	48.25 1.28 -19.61	42.56 1.30 -13.82	36.25 1.28 -6.41	36.71 1.38 -4.78	40.62 0.90 -17.93
POMONA___ESR 323819	30.60 0.98 -4.21	30.52 1.11 -0.49	29.29 1.05 0.00	31.84 1.08 0.00	31.48 1.04 0.00	32.55 1.18 -0.64	39.19 1.15 -11.17	39.65 1.10 -12.76	27.27 1.03 -2.34	31.03 1.32 -0.06	33.29 1.44 0.00	31.37 1.29 0.00	31.93 1.29 -0.08	31.60 0.77 -12.16	32.30 1.11 -4.09	17.68 0.68 1.09	41.50 0.46 -28.77	63.33 1.28 -33.07	51.87 2.09 -4.26	47.58 1.22 -18.99	42.03 1.20 -13.39	35.95 1.18 -6.20	36.47 1.29 -4.63	40.03 0.87 -17.36
PORT_JEFF_3 23555	31.65 1.90 -4.34	31.40 1.97 -0.51	30.05 1.81 0.00	32.76 2.00 0.00	32.41 1.97 0.00	33.56 2.17 -0.67	40.57 2.17 -11.54	40.98 2.02 -13.18	28.10 1.79 -2.41	31.79 2.17 0.03	33.76 2.73 0.82	31.67 2.49 0.90	33.39 2.52 -0.31	33.82 1.57 -13.57	33.47 2.14 -4.22	42.71 1.46 -23.16	63.33 1.03 -50.01	83.42 2.65 -51.79	94.85 4.32 -45.01	106.42 2.56 -76.49	73.01 2.55 -43.03	64.98 2.54 -33.87	38.04 2.71 -4.78	41.46 1.73 -17.93
PORT_JEFF_4 23616	31.65 1.90 -4.34	31.40 1.97 -0.51	30.05 1.81 0.00	32.76 2.00 0.00	32.41 1.97 0.00	33.56 2.17 -0.67	40.57 2.17 -11.54	40.98 2.02 -13.18	28.10 1.79 -2.41	31.79 2.17 0.03	33.76 2.73 0.82	31.67 2.49 0.90	33.39 2.52 -0.31	33.82 1.57 -13.57	33.47 2.14 -4.22	42.71 1.46 -23.16	63.33 1.03 -50.01	83.42 2.65 -51.79	94.85 4.32 -45.01	106.42 2.56 -76.49	73.01 2.55 -43.03	64.98 2.54 -33.87	38.04 2.71 -4.78	41.46 1.73 -17.93
PORT_JEFF_IC 23713	31.68 1.93 -4.34	31.43 2.00 -0.51	30.07 1.83 0.00	32.79 2.03 0.00	32.44 1.99 0.00	33.59 2.20 -0.67	40.60 2.20 -11.54	41.01 2.05 -13.18	28.13 1.82 -2.41	31.82 2.20 0.03	33.83 2.77 0.79	31.74 2.53 0.87	33.46 2.56 -0.35	33.88 1.60 -13.61	33.51 2.18 -4.22	42.73 1.48 -23.16	63.32 1.06 -49.99	83.47 2.71 -51.78	94.91 4.42 -44.97	106.44 2.62 -76.45	73.09 2.59 -43.06	65.08 2.60 -33.91	38.09 2.76 -4.78	41.49 1.76 -17.93
PPL PILGRIM_ST_GT1 24216	31.68 1.93 -4.34	31.44 2.01 -0.51	30.09 1.85 0.00	32.80 2.04 0.00	32.45 2.00 0.00	33.59 2.20 -0.67	40.60 2.20 -11.54	40.99 2.03 -13.18	28.12 1.81 -2.41	31.85 2.21 0.01	33.99 2.79 0.65	31.91 2.54 0.71	33.64 2.58 -0.51	34.03 1.60 -13.76	33.50 2.18 -4.22	42.72 1.47 -23.16	63.17 1.02 -49.88	83.20 2.45 -51.77	94.39 4.02 -44.85	106.13 2.43 -76.33	73.04 2.43 -43.17	65.07 2.43 -34.07	38.01 2.68 -4.78	41.47 1.74 -17.93
PPL PILGRIM_ST_GT2 24217	31.68 1.93 -4.34	31.44 2.01 -0.51	30.09 1.85 0.00	32.80 2.04 0.00	32.45 2.00 0.00	33.59 2.20 -0.67	40.60 2.20 -11.54	40.99 2.03 -13.18	28.12 1.81 -2.41	31.85 2.21 0.01	33.99 2.79 0.65	31.91 2.54 0.71	33.64 2.58 -0.51	34.03 1.60 -13.76	33.50 2.18 -4.22	42.72 1.47 -23.16	63.17 1.02 -49.88	83.20 2.45 -51.77	94.39 4.02 -44.85	106.13 2.43 -76.33	73.04 2.43 -43.17	65.07 2.43 -34.07	38.01 2.68 -4.78	41.47 1.74 -17.93
PPL_SHRM_GT3 24213	31.83 2.08 -4.34	31.59 2.17 -0.51	30.23 1.99 0.00	32.96 2.21 0.00	32.61 2.17 0.00	33.78 2.38 -0.67	40.77 2.37 -11.54	41.17 2.21 -13.18	28.26 1.95 -2.41	31.95 2.33 0.03	33.92 2.88 0.81	31.83 2.63 0.88	33.55 2.67 -0.33	33.94 1.68 -13.59	33.63 2.30 -4.22	42.84 1.59 -23.16	63.42 1.15 -50.00	83.70 2.94 -51.78	95.29 4.78 -44.99	106.68 2.84 -76.48	73.29 2.81 -43.04	65.29 2.84 -33.89	38.32 3.00 -4.78	41.65 1.92 -17.93
PPL_SHRM_GT4 24214	31.83 2.08 -4.34	31.59 2.17 -0.51	30.23 1.99 0.00	32.96 2.21 0.00	32.61 2.17 0.00	33.78 2.38 -0.67	40.77 2.37 -11.54	41.17 2.21 -13.18	28.26 1.95 -2.41	31.95 2.33 0.03	33.92 2.88 0.81	31.83 2.63 0.88	33.55 2.67 -0.33	33.94 1.68 -13.59	33.63 2.30 -4.22	42.84 1.59 -23.16	63.42 1.15 -50.00	83.70 2.94 -51.78	95.29 4.78 -44.99	106.68 2.84 -76.48	73.29 2.81 -43.04	65.29 2.84 -33.89	38.32 3.00 -4.78	41.65 1.92 -17.93
PROJECT___ORANGE I 24174	26.07 -0.16 -0.83	28.83 -0.19 -0.10	28.07 -0.18 0.00	30.57 -0.18 0.00	30.26 -0.19 0.00	30.66 -0.20 -0.13	28.89 -0.19 -2.21	28.12 -0.19 -2.52	24.21 -0.15 -0.46	29.48 -0.18 -0.01	31.68 -0.17 0.00	29.95 -0.14 0.00	30.40 -0.18 -0.02	20.97 -0.11 -2.40	27.74 -0.18 -0.81	20.67 -0.10 -2.68	17.92 -0.04 -5.68	35.42 -0.09 -6.53	46.17 -0.19 -0.84	30.98 -0.14 -3.75	29.93 -0.15 -2.64	29.63 -0.17 -1.23	31.26 -0.20 -0.91	25.07 -0.15 -3.43

PROJECT___ORANGE 2 24166	26.07 -0.16 -0.83	28.83 -0.19 -0.10	28.07 -0.18 0.00	30.57 -0.18 0.00	30.26 -0.19 0.00	30.66 -0.20 -0.13	28.89 -0.19 -2.21	28.12 -0.19 -2.52	24.21 -0.15 -0.46	29.48 -0.18 -0.01	31.68 -0.17 0.00	29.95 -0.14 0.00	30.40 -0.18 -0.02	20.97 -0.11 -2.40	27.74 -0.18 -0.81	20.67 -0.10 -2.68	17.92 -0.04 -5.68	35.42 -0.09 -6.53	46.17 -0.19 -0.84	30.98 -0.14 -3.75	29.93 -0.15 -2.64	29.63 -0.17 -1.23	31.26 -0.20 -0.91	25.07 -0.15 -3.43
PUCKETT___SOLAR 323809	27.79 0.48 -1.90	29.76 0.62 -0.22	28.87 0.63 0.00	31.51 0.76 0.00	31.20 0.75 0.00	31.83 0.81 -0.29	32.70 0.79 -5.04	32.29 0.75 -5.76	25.67 0.72 -1.05	30.61 0.94 -0.03	32.87 1.02 0.00	30.95 0.87 0.00	31.23 0.64 -0.04	24.48 0.33 -5.49	29.52 0.57 -1.85	24.68 0.47 -6.12	25.63 0.37 -12.98	44.89 0.99 -14.92	48.92 1.48 -1.92	36.68 0.74 -8.57	34.17 0.70 -6.04	31.96 0.59 -2.80	33.28 0.64 -2.09	30.02 0.39 -7.84
PYRITES___HYD 24023	25.46 -0.18 -0.23	28.55 -0.39 -0.03	27.99 -0.26 0.00	31.05 0.29 0.00	30.66 0.21 0.00	30.52 -0.25 -0.04	27.22 -0.27 -0.62	26.21 -0.28 -0.71	23.30 -0.73 -0.13	28.95 -0.70 0.00	31.36 -0.49 0.00	29.31 -0.77 0.00	30.11 -0.46 0.00	18.94 -0.41 -0.68	26.83 -0.50 -0.23	18.49 -0.35 -0.76	13.67 -0.20 -1.60	29.89 -0.93 -1.84	43.98 -1.78 -0.24	27.75 -0.67 -1.06	27.93 -0.25 -0.74	28.66 -0.25 -0.34	30.58 -0.23 -0.26	22.69 -0.07 -0.97
QUAKERRD_115KV_BK1 80622	25.69 -0.70 -0.99	28.26 -0.78 -0.12	27.52 -0.72 0.00	30.04 -0.72 0.00	29.70 -0.74 0.00	30.08 -0.80 -0.15	28.72 -0.78 -2.63	27.98 -0.80 -3.00	23.63 -0.81 -0.55	28.74 -0.92 -0.01	30.92 -0.93 0.00	29.18 -0.90 0.00	29.68 -0.90 -0.02	20.92 -0.62 -2.86	27.18 -0.89 -0.96	20.70 -0.58 -3.19	18.70 -0.34 -6.77	35.94 -0.82 -7.78	45.32 -1.21 -1.00	31.07 -0.77 -4.47	29.79 -0.80 -3.15	29.14 -0.89 -1.46	30.62 -1.02 -1.09	25.18 -0.70 -4.08
QUENSBRY_115KV_TB8 356137	32.76 1.95 -5.40	31.75 2.21 -0.62	30.15 1.91 0.00	33.08 2.33 0.00	32.78 2.33 0.00	34.02 2.47 -0.83	43.39 2.19 -14.33	44.35 2.20 -16.38	28.74 1.84 -3.00	31.84 2.12 -0.07	33.95 2.10 0.00	32.08 2.00 0.00	32.69 2.03 -0.11	35.56 1.27 -15.61	33.84 1.48 -5.26	38.27 0.90 -19.28	49.85 0.63 -36.94	72.95 1.51 -42.46	53.26 2.28 -5.46	53.06 1.33 -24.37	45.94 1.33 -17.18	37.80 1.27 -7.96	37.96 1.47 -5.94	45.61 1.54 -22.28
RAMAPO___LBMP 323565	30.49 0.88 -4.20	30.41 1.00 -0.49	29.19 0.94 0.00	31.73 0.97 0.00	31.38 0.93 0.00	32.44 1.07 -0.64	39.05 1.05 -11.14	39.51 1.01 -12.73	27.17 0.95 -2.33	30.92 1.21 -0.06	33.17 1.31 0.00	31.25 1.17 0.00	31.80 1.16 -0.08	31.48 0.69 -12.12	32.18 0.99 -4.08	18.03 0.61 0.67	41.37 0.41 -28.68	63.11 1.16 -32.97	51.66 1.16 -4.24	47.40 1.10 -18.93	41.88 1.09 -13.35	35.81 1.06 -6.19	36.33 1.16 -4.61	39.89 0.79 -17.31
RANKINE____ 23646	26.10 -0.48 -1.18	28.63 -0.43 -0.14	27.92 -0.32 0.00	30.56 -0.19 0.00	30.18 -0.27 0.00	30.53 -0.38 -0.18	29.48 -0.52 -3.13	28.67 -0.68 -3.57	23.83 -0.73 -0.65	29.04 -0.62 -0.02	31.32 -0.53 0.00	29.53 -0.54 0.00	30.05 -0.53 -0.02	21.58 -0.49 -3.41	27.57 -0.69 -1.15	21.37 -0.52 -3.80	20.01 -0.32 -8.06	37.45 -0.80 -9.26	45.69 -1.02 -1.19	31.94 -0.75 -5.32	30.41 -0.78 -3.75	29.39 -0.92 -1.74	30.79 -1.05 -1.30	25.96 -0.70 -4.87
RAVENSWOOD_GT2_1 24244	30.84 1.09 -4.35	30.63 1.21 -0.51	29.37 1.13 0.00	31.93 1.17 0.00	31.57 1.12 0.00	32.65 1.26 -0.67	39.60 1.20 -11.53	40.12 1.15 -13.18	27.41 1.10 -2.41	31.15 1.45 -0.06	33.47 1.62 0.00	31.54 1.46 0.00	32.12 1.48 -0.09	32.11 0.88 -12.56	32.61 1.28 -4.22	42.10 0.80 -23.22	42.50 0.52 -29.70	64.50 1.38 -34.15	52.17 1.89 -4.40	48.32 1.10 -19.61	42.62 1.09 -13.83	36.32 1.36 -6.41	36.77 1.45 -4.78	40.68 0.95 -17.93
RAVENSWOOD_GT2_2 24245	30.84 1.09 -4.35	30.63 1.21 -0.51	29.37 1.13 0.00	31.93 1.17 0.00	31.57 1.12 0.00	32.65 1.26 -0.67	39.60 1.20 -11.53	40.12 1.15 -13.18	27.41 1.10 -2.41	31.15 1.45 -0.06	33.47 1.62 0.00	31.54 1.46 0.00	32.12 1.48 -0.09	32.11 0.88 -12.56	32.61 1.28 -4.22	42.10 0.80 -23.22	42.50 0.52 -29.70	64.50 1.38 -34.15	52.17 1.89 -4.40	48.32 1.10 -19.61	42.62 1.09 -13.83	36.32 1.36 -6.41	36.77 1.45 -4.78	40.68 0.95 -17.93
RAVENSWOOD_GT2_3 24246	30.86 1.10 -4.35	30.65 1.22 -0.51	29.38 1.14 0.00	31.94 1.18 0.00	31.58 1.13 0.00	32.67 1.27 -0.67	39.61 1.21 -11.53	40.12 1.16 -13.18	27.43 1.11 -2.41	31.17 1.47 -0.06	33.48 1.63 0.00	31.55 1.47 0.00	32.13 1.49 -0.09	32.12 0.89 -12.56	32.62 1.29 -4.22	42.11 0.80 -23.22	42.50 0.52 -29.70	64.53 1.39 -34.15	52.19 2.28 -4.40	48.34 1.35 -19.61	42.63 1.37 -13.83	36.33 1.35 -6.41	36.79 1.46 -4.78	40.69 0.97 -17.93
RAVENSWOOD_GT2_4 24247	30.86 1.10 -4.35	30.65 1.22 -0.51	29.38 1.14 0.00	31.94 1.18 0.00	31.58 1.13 0.00	32.67 1.27 -0.67	39.61 1.21 -11.53	40.12 1.16 -13.18	27.43 1.11 -2.41	31.17 1.47 -0.06	33.48 1.63 0.00	31.55 1.47 0.00	32.13 1.49 -0.09	32.12 0.89 -12.56	32.62 1.29 -4.22	42.11 0.80 -23.22	42.50 0.52 -29.70	64.53 1.39 -34.15	52.19 2.28 -4.40	48.34 1.35 -19.61	42.63 1.37 -13.83	36.33 1.35 -6.41	36.79 1.46 -4.78	40.69 0.97 -17.93
RAVENSWOOD_GT3_1 24248	30.84 1.09 -4.35	30.63 1.21 -0.51	29.37 1.13 0.00	31.93 1.17 0.00	31.57 1.12 0.00	32.65 1.26 -0.67	39.60 1.20 -11.53	40.12 1.15 -13.18	27.41 1.10 -2.41	31.15 1.45 -0.06	33.47 1.62 0.00	31.54 1.46 0.00	32.12 1.48 -0.09	32.11 0.88 -12.56	32.61 1.28 -4.22	42.10 0.80 -23.22	42.50 0.52 -29.70	64.50 1.38 -34.15	52.17 2.25 -4.40	48.32 1.34 -19.61	42.62 1.36 -13.83	36.32 1.34 -6.41	36.77 1.45 -4.78	40.68 0.95 -17.93
RAVENSWOOD_GT3_2 24249	30.84 1.09 -4.35	30.63 1.21 -0.51	29.37 1.13 0.00	31.93 1.17 0.00	31.57 1.12 0.00	32.65 1.26 -0.67	39.60 1.20 -11.53	40.12 1.15 -13.18	27.41 1.10 -2.41	31.15 1.45 -0.06	33.47 1.62 0.00	31.54 1.46 0.00	32.12 1.48 -0.09	32.11 0.88 -12.56	32.61 1.28 -4.22	42.10 0.80 -23.22	42.50 0.52 -29.70	64.50 1.38 -34.15	52.17 2.25 -4.40	48.32 1.34 -19.61	42.62 1.36 -13.83	36.32 1.34 -6.41	36.77 1.45 -4.78	40.68 0.95 -17.93
RAVENSWOOD_GT3_3 24250	30.88 1.13 -4.35	30.68 1.25 -0.51	29.40 1.16 0.00	31.96 1.21 0.00	31.61 1.17 0.00	32.70 1.30 -0.67	39.64 1.24 -11.53	40.15 1.19 -13.18	27.45 1.14 -2.41	31.21 1.50 -0.06	33.52 1.67 0.00	31.58 1.50 0.00	32.16 1.52 -0.09	32.14 0.91 -12.56	32.65 1.32 -4.22	42.13 0.83 -23.22	42.52 0.54 -29.70	64.56 1.43 -34.15	52.24 2.32 -4.40	48.36 1.38 -19.61	42.66 1.40 -13.83	36.36 1.38 -6.41	36.82 1.49 -4.78	40.71 0.99 -17.93
RAVENSWOOD_GT3_4 24251	30.88 1.13 -4.35	30.68 1.25 -0.51	29.40 1.16 0.00	31.96 1.21 0.00	31.61 1.17 0.00	32.70 1.30 -0.67	39.64 1.24 -11.53	40.15 1.19 -13.18	27.45 1.14 -2.41	31.21 1.50 -0.06	33.52 1.67 0.00	31.58 1.50 0.00	32.16 1.52 -0.09	32.14 0.91 -12.56	32.65 1.32 -4.22	42.13 0.83 -23.22	42.52 0.54 -29.70	64.56 1.43 -34.15	52.24 2.32 -4.40	48.36 1.38 -19.61	42.66 1.40 -13.83	36.36 1.38 -6.41	36.82 1.49 -4.78	40.71 0.99 -17.93



RAVENSWOOD_GT_1 23729	30.90 1.15 -4.35	30.70 1.28 -0.51	29.44 1.20 0.00	32.01 1.26 0.00	31.64 1.20 0.00	32.72 1.33 -0.67	39.66 1.26 -11.53	40.16 1.20 -13.18	27.46 1.15 -2.41	31.22 1.51 -0.06	33.53 1.68 0.00	31.59 1.51 0.00	32.18 1.53 -0.09	32.14 0.91 -12.56	32.65 1.32 -4.22	42.13 0.82 -23.22	42.51 0.53 -29.70	64.56 1.43 -34.15	52.24 2.33 -4.40	48.38 1.40 -19.61	42.68 1.42 -13.83	36.37 1.39 -6.41	36.82 1.49 -4.78	40.71 0.99 -17.93
RAVENSWOOD_GT_10 24258	30.84 1.09 -4.35	30.63 1.21 -0.51	29.37 1.13 0.00	31.92 1.17 0.00	31.57 1.12 0.00	32.65 1.26 -0.67	39.60 1.20 -11.53	40.12 1.15 -13.18	27.41 1.10 -2.41	31.15 1.45 -0.06	33.47 1.62 0.00	31.54 1.46 0.00	32.12 1.48 -0.09	32.11 0.88 -12.56	32.61 1.28 -4.22	42.10 0.80 -23.22	42.50 0.52 -29.70	64.50 1.38 -34.15	52.17 2.25 -4.40	48.32 1.34 -19.61	42.62 1.36 -13.83	36.32 1.34 -6.41	36.77 1.45 -4.78	40.68 0.95 -17.93
RAVENSWOOD_GT_11 24259	30.84 1.09 -4.35	30.63 1.21 -0.51	29.37 1.13 0.00	31.92 1.17 0.00	31.57 1.12 0.00	32.65 1.26 -0.67	39.60 1.20 -11.53	40.12 1.15 -13.18	27.41 1.10 -2.41	31.15 1.45 -0.06	33.47 1.62 0.00	31.54 1.46 0.00	32.12 1.48 -0.09	32.11 0.88 -12.56	32.61 1.28 -4.22	42.10 0.80 -23.22	42.50 0.52 -29.70	64.50 1.38 -34.15	52.17 2.25 -4.40	48.32 1.34 -19.61	42.62 1.36 -13.83	36.32 1.34 -6.41	36.77 1.45 -4.78	40.68 0.95 -17.93
RAVENSWOOD_GT_4 24252	30.85 1.09 -4.35	30.63 1.21 -0.51	29.37 1.13 0.00	31.92 1.17 0.00	31.57 1.12 0.00	32.66 1.26 -0.67	39.60 1.20 -11.53	40.12 1.15 -13.18	27.42 1.11 -2.41	31.16 1.45 -0.06	33.47 1.62 0.00	31.55 1.46 0.00	32.13 1.48 -0.09	32.11 0.88 -12.56	32.61 1.28 -4.22	42.10 0.80 -23.22	42.50 0.52 -29.70	64.51 1.38 -34.15	52.17 2.25 -4.40	48.33 1.35 -19.61	42.62 1.36 -13.83	36.32 1.34 -6.41	36.78 1.45 -4.78	40.68 0.96 -17.93
RAVENSWOOD_GT_5 24254	30.85 1.09 -4.35	30.63 1.21 -0.51	29.37 1.13 0.00	31.92 1.17 0.00	31.57 1.12 0.00	32.66 1.26 -0.67	39.60 1.20 -11.53	40.12 1.15 -13.18	27.42 1.11 -2.41	31.16 1.45 -0.06	33.47 1.62 0.00	31.55 1.46 0.00	32.13 1.48 -0.09	32.11 0.88 -12.56	32.61 1.28 -4.22	42.10 0.80 -23.22	42.50 0.52 -29.70	64.51 1.38 -34.15	52.17 2.25 -4.40	48.33 1.35 -19.61	42.62 1.36 -13.83	36.32 1.34 -6.41	36.78 1.45 -4.78	40.68 0.96 -17.93
RAVENSWOOD_GT_6 24253	30.85 1.09 -4.35	30.63 1.21 -0.51	29.37 1.13 0.00	31.92 1.17 0.00	31.57 1.12 0.00	32.66 1.26 -0.67	39.60 1.20 -11.53	40.12 1.15 -13.18	27.42 1.11 -2.41	31.16 1.45 -0.06	33.47 1.62 0.00	31.55 1.46 0.00	32.13 1.48 -0.09	32.11 0.88 -12.56	32.61 1.28 -4.22	42.10 0.80 -23.22	42.50 0.52 -29.70	64.51 1.38 -34.15	52.17 2.25 -4.40	48.33 1.35 -19.61	42.62 1.36 -13.83	36.32 1.34 -6.41	36.78 1.45 -4.78	40.68 0.96 -17.93
RAVENSWOOD_GT_7 24255	30.85 1.09 -4.35	30.63 1.21 -0.51	29.37 1.13 0.00	31.92 1.17 0.00	31.57 1.12 0.00	32.66 1.26 -0.67	39.60 1.20 -11.53	40.12 1.15 -13.18	27.42 1.11 -2.41	31.16 1.45 -0.06	33.47 1.62 0.00	31.55 1.46 0.00	32.13 1.48 -0.09	32.11 0.88 -12.56	32.61 1.28 -4.22	42.10 0.80 -23.22	42.50 0.52 -29.70	64.51 1.38 -34.15	52.17 2.25 -4.40	48.33 1.35 -19.61	42.62 1.36 -13.83	36.32 1.34 -6.41	36.78 1.45 -4.78	40.68 0.96 -17.93
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	30.84 1.09 -4.35	30.63 1.21 -0.51	29.37 1.13 0.00	31.92 1.17 0.00	31.57 1.12 0.00	32.65 1.26 -0.67	39.60 1.20 -11.53	40.12 1.15 -13.18	27.41 1.10 -2.41	31.15 1.45 -0.06	33.47 1.62 0.00	31.54 1.46 0.00	32.12 1.48 -0.09	32.11 0.88 -12.56	32.61 1.28 -4.22	42.10 0.80 -23.22	42.50 0.52 -29.70	64.50 1.38 -34.15	52.17 2.25 -4.40	48.32 1.34 -19.61	42.62 1.36 -13.83	36.32 1.34 -6.41	36.77 1.45 -4.78	40.68 0.95 -17.93
RAVENSWOOD_GT_9 24257	30.84 1.09 -4.35	30.63 1.21 -0.51	29.37 1.13 0.00	31.92 1.17 0.00	31.57 1.12 0.00	32.65 1.26 -0.67	39.60 1.20 -11.53	40.12 1.15 -13.18	27.41 1.10 -2.41	31.15 1.45 -0.06	33.47 1.62 0.00	31.54 1.46 0.00	32.12 1.48 -0.09	32.11 0.88 -12.56	32.61 1.28 -4.22	42.10 0.80 -23.22	42.50 0.52 -29.70	64.50 1.38 -34.15	52.17 2.25 -4.40	48.32 1.34 -19.61	42.62 1.36 -13.83	36.32 1.34 -6.41	36.77 1.45 -4.78	40.68 0.95 -17.93
RAVENSWOOD___1 23533	30.85 1.09 -4.35	30.64 1.22 -0.51	29.38 1.14 0.00	31.95 1.19 0.00	31.58 1.14 0.00	32.66 1.27 -0.67	39.61 1.20 -11.53	40.11 1.15 -13.18	27.42 1.11 -2.41	31.16 1.45 -0.06	33.47 1.62 0.00	31.54 1.45 0.00	32.12 1.48 -0.09	32.11 0.88 -12.56	32.60 1.27 -4.22	42.09 0.79 -23.22	42.49 0.51 -29.70	64.50 1.37 -34.15	52.16 2.24 -4.40	48.33 1.35 -19.61	42.62 1.36 -13.83	36.31 1.34 -6.41	36.76 1.43 -4.78	40.68 0.95 -17.93
RAVENSWOOD___2 23534	30.85 1.09 -4.35	30.64 1.22 -0.51	29.38 1.14 0.00	31.95 1.19 0.00	31.58 1.14 0.00	32.66 1.27 -0.67	39.61 1.20 -11.53	40.11 1.15 -13.18	27.42 1.11 -2.41	31.16 1.45 -0.06	33.47 1.62 0.00	31.54 1.45 0.00	32.12 1.48 -0.09	32.11 0.88 -12.56	32.60 1.27 -4.22	42.09 0.79 -23.22	42.49 0.51 -29.70	64.50 1.37 -34.15	52.16 2.24 -4.40	48.33 1.35 -19.61	42.62 1.36 -13.83	36.31 1.34 -6.41	36.76 1.43 -4.78	40.68 0.95 -17.93
RAVENSWOOD___3 23535	30.84 1.09 -4.35	30.63 1.21 -0.51	29.37 1.13 0.00	31.93 1.17 0.00	31.57 1.13 0.00	32.66 1.26 -0.67	39.61 1.21 -11.53	40.12 1.16 -13.18	27.42 1.11 -2.41	31.16 1.45 -0.06	33.47 1.62 0.00	31.54 1.46 0.00	32.13 1.48 -0.09	32.11 0.88 -12.56	32.61 1.28 -4.22	42.10 0.80 -23.22	42.50 0.52 -29.70	64.50 1.38 -34.15	52.17 2.25 -4.40	48.33 1.35 -19.61	42.62 1.36 -13.83	36.32 1.34 -6.41	36.78 1.45 -4.78	40.68 0.95 -17.93
RAVENSWOOD___4 23820	30.85 1.09 -4.35	30.64 1.22 -0.51	29.38 1.14 0.00	31.95 1.19 0.00	31.58 1.14 0.00	32.66 1.27 -0.67	39.61 1.20 -11.53	40.11 1.15 -13.18	27.42 1.11 -2.41	31.16 1.45 -0.06	33.47 1.62 0.00	31.54 1.45 0.00	32.12 1.48 -0.09	32.11 0.88 -12.56	32.60 1.27 -4.22	42.09 0.79 -23.22	42.49 0.51 -29.70	64.50 1.37 -34.15	52.16 2.24 -4.40	48.33 1.35 -19.61	42.62 1.36 -13.83	36.31 1.34 -6.41	36.76 1.43 -4.78	40.68 0.95 -17.93
RCPI_TRUST___DRP 24196	30.86 1.11 -4.35	30.65 1.23 -0.51	29.39 1.14 0.00	31.94 1.18 0.00	31.59 1.14 0.00	32.69 1.29 -0.67	39.63 1.23 -11.53	40.14 1.18 -13.18	27.45 1.13 -2.41	31.20 1.49 -0.06	33.50 1.65 0.00	31.57 1.49 0.00	32.15 1.51 -0.09	32.13 0.90 -12.55	32.63 1.30 -4.22	42.16 0.81 -23.26	42.51 0.53 -29.70	64.53 1.41 -34.15	52.21 2.29 -4.40	48.34 1.36 -19.61	42.64 1.38 -13.82	36.34 1.37 -6.41	36.80 1.47 -4.78	40.69 0.97 -17.93
RED___ROCHESTER 323720	26.41 -0.01 -1.01	29.06 0.02 -0.12	28.30 0.06 0.00	30.90 0.14 0.00	30.55 0.10 0.00	30.92 0.03 -0.15	29.48 -0.06 -2.67	28.68 -0.15 -3.05	24.22 -0.24 -0.56	29.48 -0.18 -0.01	31.74 -0.11 0.00	29.96 -0.12 0.00	30.49 -0.08 -0.02	21.46 -0.12 -2.91	27.92 -0.17 -0.98	21.23 -0.11 -3.25	19.13 -0.02 -6.88	36.84 -0.05 -7.91	46.64 0.09 -1.02	31.90 -0.01 -4.54	30.61 -0.03 -3.20	29.93 -0.13 -1.48	31.43 -0.22 -1.11	25.82 -0.13 -4.15

REGAN____SOLAR 323812	33.49 1.82 -6.26	31.72 2.08 -0.73	30.23 1.99 0.00	32.97 2.21 0.00	32.59 2.15 0.00	33.98 2.29 -0.96	45.50 2.02 -16.61	46.67 1.90 -18.99	28.57 1.20 -3.47	30.49 0.76 -0.08	32.77 0.92 0.00	30.76 0.68 0.00	31.94 1.26 -0.13	37.96 1.19 -18.10	35.21 2.02 -6.09	39.69 1.40 -20.21	56.15 1.05 -42.82	80.60 2.40 -49.22	55.40 3.54 -6.33	57.72 2.11 -28.24	49.42 2.08 -19.91	39.91 2.11 -9.23	39.66 2.22 -6.88	49.14 1.53 -25.83
RENSSELAER____COGEN 23796	31.18 0.53 -5.23	30.18 0.65 -0.61	28.85 0.61 0.00	31.26 0.50 0.00	31.00 0.55 0.00	32.12 0.59 -0.80	41.25 0.49 -13.89	42.12 0.46 -15.88	27.33 0.52 -2.90	30.33 0.61 -0.07	32.37 0.52 0.00	30.69 0.61 0.00	31.28 0.61 -0.11	34.17 0.37 -15.12	32.76 0.56 -5.09	37.24 0.35 -18.80	48.28 0.23 -35.77	70.66 0.55 -41.13	51.73 0.91 -5.29	51.54 0.55 -23.62	44.65 0.57 -16.65	36.89 0.60 -7.72	36.94 0.63 -5.76	43.83 0.43 -21.60
REPUBLIC_115KV_BARTNBRK 55605	33.41 2.61 -5.40	32.34 2.79 -0.62	30.68 2.44 0.00	33.73 2.98 0.00	33.51 3.06 0.00	34.83 3.28 -0.83	44.04 2.85 -14.32	45.06 2.91 -16.37	29.21 2.31 -2.99	32.42 2.71 -0.07	34.71 2.86 0.00	32.69 2.61 0.00	33.49 2.83 -0.11	36.16 1.88 -15.61	34.82 2.46 -5.25	38.98 1.62 -19.28	50.36 1.16 -36.92	74.14 2.72 -42.44	55.13 4.15 -5.46	54.15 2.43 -24.35	46.99 2.39 -17.17	38.88 2.36 -7.96	39.01 2.52 -5.94	46.01 1.96 -22.27
REVERE_CPPR_DRP 24186	26.59 0.72 -0.46	29.80 0.82 -0.05	29.09 0.84 0.00	31.75 0.99 0.00	31.43 0.99 0.00	31.82 1.02 -0.07	29.01 0.92 -1.22	28.06 0.89 -1.39	24.98 0.82 -0.25	30.72 1.07 -0.01	33.07 1.21 0.00	31.27 1.18 0.00	31.74 1.17 -0.01	20.70 0.70 -1.33	28.58 1.03 -0.45	20.25 0.68 -1.48	15.88 0.47 -3.14	33.71 1.12 -3.61	47.70 1.71 -0.46	30.44 1.00 -2.07	29.86 0.96 -1.46	30.15 0.91 -0.68	31.98 0.92 -0.50	24.28 0.59 -1.89
REYNOLDS_115KV_TB3 80639	31.33 0.68 -5.24	30.35 0.82 -0.61	29.01 0.77 0.00	31.47 0.71 0.00	31.21 0.76 0.00	32.34 0.81 -0.80	41.47 0.69 -13.91	42.33 0.65 -15.90	27.45 0.64 -2.91	30.50 0.78 -0.07	32.60 0.75 0.00	30.86 0.78 0.00	31.49 0.83 -0.11	34.33 0.51 -15.15	32.95 0.75 -5.10	37.45 0.47 -18.88	48.41 0.31 -35.83	70.91 0.74 -41.20	52.05 1.23 -5.30	51.75 0.73 -23.66	44.85 0.74 -16.67	37.08 0.78 -7.73	37.15 0.83 -5.76	44.03 0.61 -21.63
RIVERBAY____ 323610	30.88 1.13 -4.35	30.83 1.41 -0.51	29.61 1.37 0.00	32.21 1.45 0.00	31.81 1.37 0.00	32.79 1.39 -0.67	39.70 1.30 -11.53	40.23 1.27 -13.18	27.57 1.26 -2.41	31.38 1.67 -0.06	33.69 1.84 0.00	31.72 1.64 0.00	32.31 1.67 -0.09	32.22 0.98 -12.56	32.70 1.37 -4.22	42.15 0.84 -23.22	42.54 0.55 -29.70	64.64 1.51 -34.15	52.32 2.40 -4.40	48.41 1.43 -19.61	42.67 1.41 -13.83	36.39 1.41 -6.41	36.81 1.48 -4.78	40.68 0.96 -17.93
RIVERSDE_115KV_TB3 55908	31.28 0.62 -5.25	30.27 0.74 -0.61	28.95 0.70 0.00	31.37 0.62 0.00	31.11 0.66 0.00	32.24 0.70 -0.81	41.41 0.60 -13.94	42.27 0.56 -15.94	27.42 0.60 -2.92	30.44 0.72 -0.07	32.50 0.65 0.00	30.80 0.72 0.00	31.40 0.74 -0.11	34.31 0.45 -15.18	32.89 0.67 -5.11	37.41 0.42 -18.89	48.47 0.28 -35.92	70.93 0.66 -41.29	51.93 1.10 -5.31	51.72 0.65 -23.71	44.81 0.66 -16.71	37.03 0.71 -7.75	37.06 0.73 -5.78	44.00 0.53 -21.68
ROARING____BROOK_WT_PWR 323790	25.08 -0.44 -0.11	28.39 -0.54 -0.01	27.78 -0.46 0.00	30.48 -0.28 0.00	30.14 -0.31 0.00	30.20 -0.55 -0.02	26.60 -0.57 -0.30	25.62 -0.50 -0.34	23.37 -0.59 -0.06	28.95 -0.70 0.00	31.23 -0.62 0.00	29.36 -0.72 0.00	29.94 -0.62 0.00	18.58 -0.42 -0.32	26.68 -0.53 -0.11	18.02 -0.43 -0.36	12.73 -0.31 -0.77	29.01 -0.86 -0.88	44.19 -1.45 -0.11	27.09 -0.78 -0.51	27.07 -0.72 -0.36	27.99 -0.75 -0.17	29.92 -0.75 -0.12	21.75 -0.50 -0.46
ROCHESRG_115KV_T4 355643	26.15 -0.26 -1.00	28.79 -0.25 -0.12	28.05 -0.19 0.00	30.63 -0.12 0.00	30.28 -0.17 0.00	30.64 -0.24 -0.15	29.21 -0.32 -2.66	28.43 -0.39 -3.04	24.00 -0.46 -0.56	29.20 -0.46 -0.01	31.45 -0.40 0.00	29.68 -0.40 0.00	30.21 -0.37 -0.02	21.27 -0.30 -2.90	27.65 -0.43 -0.97	21.02 -0.30 -3.24	18.97 -0.16 -6.86	36.45 -0.41 -7.88	46.07 -0.47 -1.02	31.56 -0.33 -4.53	30.27 -0.36 -3.19	29.60 -0.44 -1.48	31.11 -0.54 -1.10	25.59 -0.34 -4.14
ROCHESTER_9_IC 23652	26.30 -0.11 -1.01	28.94 -0.10 -0.12	28.19 -0.05 0.00	30.79 0.03 0.00	30.43 -0.01 0.00	30.80 -0.09 -0.15	29.36 -0.18 -2.67	28.57 -0.25 -3.05	24.12 -0.34 -0.56	29.36 -0.30 -0.01	31.61 -0.23 0.00	29.84 -0.24 0.00	30.37 -0.21 -0.02	21.38 -0.20 -2.91	27.80 -0.28 -0.98	21.13 -0.20 -3.25	19.07 -0.08 -6.88	36.68 -0.21 -7.91	46.38 -0.15 -1.02	31.76 -0.15 -4.54	30.46 -0.18 -3.20	29.78 -0.27 -1.48	31.29 -0.37 -1.11	25.72 -0.23 -4.15
ROCKVIEW_13_KV_LD 356306	30.94 1.18 -4.35	30.73 1.31 -0.51	29.47 1.22 0.00	32.02 1.27 0.00	31.68 1.24 0.00	32.76 1.37 -0.67	39.70 1.30 -11.53	40.22 1.26 -13.18	27.50 1.19 -2.41	31.24 1.54 -0.06	33.56 1.71 0.00	31.63 1.55 0.00	32.22 1.58 -0.09	32.18 0.95 -12.56	32.69 1.36 -4.22	42.18 0.86 -23.23	42.55 0.57 -29.70	64.64 1.51 -34.15	52.37 2.46 -4.40	48.43 1.45 -19.61	42.72 1.46 -13.82	36.42 1.44 -6.41	36.89 1.56 -4.78	40.76 1.04 -17.93
ROME____115KV_TB2 80656	26.59 0.72 -0.46	29.80 0.82 -0.05	29.09 0.84 0.00	31.75 0.99 0.00	31.43 0.99 0.00	31.82 1.02 -0.07	29.01 0.92 -1.22	28.06 0.89 -1.39	24.98 0.82 -0.25	30.72 1.07 -0.01	33.07 1.21 0.00	31.27 1.18 0.00	31.74 1.17 -0.01	20.70 0.70 -1.33	28.58 1.03 -0.45	20.25 0.68 -1.48	15.88 0.47 -3.14	33.71 1.12 -3.61	47.70 1.71 -0.46	30.44 1.00 -2.07	29.86 0.96 -1.46	30.15 0.91 -0.68	31.98 0.92 -0.50	24.28 0.59 -1.89
ROSETON____1 23587	30.64 0.93 -4.30	30.46 1.04 -0.50	29.23 0.99 0.00	31.77 1.01 0.00	31.43 0.99 0.00	32.48 1.09 -0.66	39.33 1.04 -11.43	39.83 0.99 -13.06	27.23 0.94 -2.39	30.91 1.21 -0.06	33.19 1.34 0.00	31.30 1.22 0.00	31.88 1.23 -0.09	31.86 0.74 -12.44	32.36 1.07 -4.19	32.64 0.67 -13.88	42.14 0.44 -29.43	63.99 1.18 -33.83	51.81 1.93 -4.35	47.94 1.14 -19.43	42.27 1.14 -13.70	36.04 1.12 -6.35	36.51 1.23 -4.74	40.38 0.83 -17.76
ROSETON____2 23588	30.64 0.93 -4.30	30.46 1.04 -0.50	29.23 0.99 0.00	31.77 1.01 0.00	31.43 0.99 0.00	32.48 1.09 -0.66	39.33 1.04 -11.43	39.83 0.99 -13.06	27.23 0.94 -2.39	30.91 1.21 -0.06	33.19 1.34 0.00	31.30 1.22 0.00	31.88 1.23 -0.09	31.86 0.74 -12.44	32.36 1.07 -4.19	32.64 0.67 -13.88	42.14 0.44 -29.43	63.99 1.18 -33.83	51.81 1.93 -4.35	47.94 1.14 -19.43	42.27 1.14 -13.70	36.04 1.12 -6.35	36.51 1.23 -4.74	40.38 0.83 -17.76
ROTTDRAM_115KV_TB3 80664	31.78 0.92 -5.46	30.61 1.06 -0.63	29.23 0.99 0.00	31.80 1.05 0.00	31.52 1.07 0.00	32.70 1.14 -0.84	42.37 1.02 -14.48	43.31 0.98 -16.55	27.80 0.87 -3.03	30.76 1.04 -0.07	32.92 1.06 0.00	31.08 1.00 0.00	31.74 1.07 -0.11	35.14 0.68 -15.79	33.39 0.97 -5.31	38.13 0.63 -19.41	50.05 0.43 -37.35	72.93 1.02 -42.92	52.65 1.61 -5.52	52.95 0.96 -24.63	45.75 0.95 -17.36	37.59 0.97 -8.05	37.61 1.06 -6.00	45.11 0.80 -22.52

RUSSELL___1 23602	26.40 -0.01 -1.01	29.06 0.02 -0.12	28.30 0.06 0.00	30.90 0.14 0.00	30.55 0.10 0.00	30.91 0.03 -0.15	29.47 -0.07 -2.67	28.68 -0.15 -3.05	24.22 -0.23 -0.56	29.48 -0.18 -0.01	31.75 -0.10 0.00	29.97 -0.11 0.00	30.50 -0.08 -0.02	21.46 -0.12 -2.91	27.92 -0.17 -0.98	21.22 -0.11 -3.25	19.13 -0.02 -6.88	36.84 -0.05 -7.91	46.63 0.09 -1.02	31.91 0.00 -4.54	30.60 -0.03 -3.20	29.93 -0.13 -1.48	31.44 -0.22 -1.11	25.82 -0.13 -4.15
RUSSELL___2 23532	26.40 -0.01 -1.01	29.06 0.02 -0.12	28.30 0.06 0.00	30.90 0.14 0.00	30.55 0.10 0.00	30.91 0.03 -0.15	29.47 -0.07 -2.67	28.68 -0.15 -3.05	24.22 -0.23 -0.56	29.48 -0.18 -0.01	31.75 -0.10 0.00	29.97 -0.11 0.00	30.50 -0.08 -0.02	21.46 -0.12 -2.91	27.92 -0.17 -0.98	21.22 -0.11 -3.25	19.13 -0.02 -6.88	36.84 -0.05 -7.91	46.63 0.09 -1.02	31.91 0.00 -4.54	30.60 -0.03 -3.20	29.93 -0.13 -1.48	31.44 -0.22 -1.11	25.82 -0.13 -4.15
RUSSELL___3 23549	26.40 -0.01 -1.01	29.06 0.02 -0.12	28.30 0.06 0.00	30.90 0.14 0.00	30.55 0.10 0.00	30.91 0.03 -0.15	29.47 -0.07 -2.67	28.68 -0.15 -3.05	24.22 -0.23 -0.56	29.48 -0.18 -0.01	31.75 -0.10 0.00	29.97 -0.11 0.00	30.50 -0.08 -0.02	21.46 -0.12 -2.91	27.92 -0.17 -0.98	21.22 -0.11 -3.25	19.13 -0.02 -6.88	36.84 -0.05 -7.91	46.63 0.09 -1.02	31.91 0.00 -4.54	30.60 -0.03 -3.20	29.93 -0.13 -1.48	31.44 -0.22 -1.11	25.82 -0.13 -4.15
RUSSELL___4 23556	26.40 -0.01 -1.01	29.06 0.02 -0.12	28.30 0.06 0.00	30.90 0.14 0.00	30.55 0.10 0.00	30.91 0.03 -0.15	29.47 -0.07 -2.67	28.68 -0.15 -3.05	24.22 -0.23 -0.56	29.48 -0.18 -0.01	31.75 -0.10 0.00	29.97 -0.11 0.00	30.50 -0.08 -0.02	21.46 -0.12 -2.91	27.92 -0.17 -0.98	21.22 -0.11 -3.25	19.13 -0.02 -6.88	36.84 -0.05 -7.91	46.63 0.09 -1.02	31.91 0.00 -4.54	30.60 -0.03 -3.20	29.93 -0.13 -1.48	31.44 -0.22 -1.11	25.82 -0.13 -4.15
RUSSELL___STATION 23914	26.40 -0.01 -1.01	29.06 0.02 -0.12	28.30 0.06 0.00	30.90 0.14 0.00	30.55 0.10 0.00	30.91 0.03 -0.15	29.47 -0.07 -2.67	28.68 -0.15 -3.05	24.22 -0.23 -0.56	29.48 -0.18 -0.01	31.75 -0.10 0.00	29.97 -0.11 0.00	30.50 -0.08 -0.02	21.46 -0.12 -2.91	27.92 -0.17 -0.98	21.22 -0.11 -3.25	19.13 -0.02 -6.88	36.84 -0.05 -7.91	46.63 0.09 -1.02	31.91 0.00 -4.54	30.60 -0.03 -3.20	29.93 -0.13 -1.48	31.44 -0.22 -1.11	25.82 -0.13 -4.15
S SALMON___HYD 24043	25.79 -0.33 -0.70	28.57 -0.43 -0.08	27.86 -0.38 0.00	30.42 -0.34 0.00	30.13 -0.32 0.00	30.52 -0.31 -0.11	28.45 -0.29 -1.87	27.62 -0.29 -2.14	24.00 -0.29 -0.39	29.35 -0.31 -0.01	31.58 -0.27 0.00	29.89 -0.19 0.00	30.33 -0.24 -0.01	20.54 -0.17 -2.04	27.46 -0.33 -0.69	20.16 -0.20 -2.28	16.94 -0.16 -4.82	34.26 -0.26 -5.54	45.87 -0.36 -0.71	30.31 -0.24 -3.18	29.39 -0.28 -2.24	29.31 -0.30 -1.04	30.96 -0.36 -0.78	24.38 -0.33 -2.91
S.PERRY___115KV_TB1 80734	27.21 0.57 -1.23	29.77 0.71 -0.14	29.03 0.79 0.00	31.73 0.97 0.00	31.37 0.93 0.00	31.85 0.93 -0.19	30.93 0.81 -3.25	30.19 0.69 -3.72	25.12 0.54 -0.68	30.09 0.42 -0.02	32.18 0.33 0.00	30.36 0.28 0.00	30.89 0.31 -0.03	22.27 0.06 -3.54	28.45 0.15 -1.19	22.16 0.12 -3.95	20.95 0.30 -8.38	39.52 0.91 -9.63	48.36 1.60 -1.24	33.68 0.78 -5.53	31.99 0.65 -3.90	30.88 0.50 -1.81	32.34 0.44 -1.35	27.15 0.30 -5.06
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	25.92 -0.64 -1.15	28.44 -0.61 -0.13	27.73 -0.51 0.00	30.36 -0.40 0.00	29.97 -0.47 0.00	30.29 -0.62 -0.18	29.17 -0.76 -3.06	28.36 -0.92 -3.50	23.58 -0.97 -0.64	28.75 -0.91 -0.02	31.01 -0.84 0.00	29.24 -0.85 0.00	29.78 -0.80 -0.02	21.35 -0.66 -3.33	27.30 -0.93 -1.12	21.11 -0.70 -3.72	19.72 -0.44 -7.89	36.94 -1.11 -9.07	45.24 -1.45 -1.17	31.59 -0.98 -5.20	30.12 -0.99 -3.67	29.14 -1.13 -1.70	30.54 -1.27 -1.27	25.72 -0.84 -4.76
SAWYER___23_KV_LOAD 55526	25.92 -0.64 -1.15	28.44 -0.61 -0.13	27.73 -0.51 0.00	30.36 -0.40 0.00	29.97 -0.47 0.00	30.29 -0.62 -0.18	29.17 -0.76 -3.06	28.36 -0.92 -3.50	23.58 -0.97 -0.64	28.75 -0.91 -0.02	31.01 -0.84 0.00	29.24 -0.85 0.00	29.78 -0.80 -0.02	21.35 -0.66 -3.33	27.30 -0.93 -1.12	21.11 -0.70 -3.72	19.72 -0.44 -7.89	36.94 -1.11 -9.07	45.24 -1.45 -1.17	31.59 -0.98 -5.20	30.12 -0.99 -3.67	29.14 -1.13 -1.70	30.54 -1.27 -1.27	25.72 -0.84 -4.76
SELKIRK___I 23801	31.23 0.60 -5.22	30.24 0.71 -0.61	28.91 0.67 0.00	31.40 0.64 0.00	31.11 0.66 0.00	32.24 0.71 -0.80	41.34 0.62 -13.86	42.20 0.58 -15.84	27.38 0.58 -2.90	30.42 0.71 -0.07	32.54 0.69 0.00	30.80 0.71 0.00	31.39 0.72 -0.10	34.18 0.44 -15.07	32.82 0.65 -5.07	37.21 0.41 -18.71	48.20 0.27 -35.66	70.63 0.65 -41.00	51.88 1.08 -5.28	51.59 0.66 -23.56	44.70 0.66 -16.61	36.96 0.69 -7.70	37.04 0.75 -5.74	43.86 0.52 -21.54
SELKIRK___II 23799	31.23 0.60 -5.22	30.24 0.72 -0.60	28.92 0.68 0.00	31.38 0.62 0.00	31.11 0.66 0.00	32.23 0.70 -0.80	41.31 0.60 -13.84	42.18 0.57 -15.82	27.38 0.58 -2.89	30.42 0.70 -0.07	32.51 0.66 0.00	30.78 0.70 0.00	31.38 0.71 -0.10	34.17 0.43 -15.06	32.81 0.64 -5.07	37.18 0.41 -18.69	48.18 0.27 -35.64	70.61 0.66 -40.97	51.89 1.09 -5.28	51.57 0.66 -23.54	44.69 0.66 -16.59	36.96 0.70 -7.69	37.03 0.74 -5.74	43.83 0.51 -21.53
SENECA OSWGO___HYD 24041	25.80 -0.39 -0.78	28.56 -0.45 -0.09	27.81 -0.43 0.00	30.29 -0.47 0.00	29.96 -0.48 0.00	30.35 -0.50 -0.12	28.48 -0.45 -2.07	27.71 -0.44 -2.37	23.96 -0.37 -0.43	29.20 -0.46 -0.01	31.38 -0.47 0.00	29.68 -0.41 0.00	30.11 -0.46 -0.02	20.65 -0.27 -2.25	27.44 -0.43 -0.76	20.33 -0.27 -2.51	17.44 -0.16 -5.33	34.72 -0.38 -6.12	45.70 -0.62 -0.79	30.50 -0.38 -3.52	29.52 -0.40 -2.48	29.31 -0.41 -1.15	30.94 -0.46 -0.86	24.67 -0.33 -3.22
SENECA___115KV_TB3 355854	26.14 -0.45 -1.18	28.68 -0.38 -0.14	27.96 -0.28 0.00	30.62 -0.14 0.00	30.23 -0.22 0.00	30.57 -0.34 -0.18	29.52 -0.47 -3.13	28.72 -0.64 -3.57	23.87 -0.69 -0.65	29.09 -0.58 -0.02	31.37 -0.48 0.00	29.58 -0.50 0.00	30.09 -0.49 -0.02	21.61 -0.47 -3.41	27.61 -0.64 -1.15	21.40 -0.49 -3.80	20.03 -0.31 -8.06	37.49 -0.75 -9.26	45.78 -0.93 -1.19	31.99 -0.70 -5.32	30.45 -0.73 -3.75	29.44 -0.87 -1.74	30.84 -1.00 -1.30	26.00 -0.66 -4.87
SENECA___ENERGY 23797	26.32 -0.10 -1.02	28.95 -0.09 -0.12	28.17 -0.07 0.00	30.73 -0.03 0.00	30.41 -0.04 0.00	30.85 -0.03 -0.16	29.55 -0.01 -2.69	28.82 -0.04 -3.08	24.41 -0.05 -0.56	29.65 -0.01 0.00	31.79 -0.06 0.00	29.99 -0.09 0.00	30.40 -0.18 -0.02	21.43 -0.18 -2.93	27.86 -0.23 -0.99	21.29 -0.08 -3.27	19.23 0.02 -6.94	37.03 0.07 -7.98	46.64 0.09 -1.03	31.98 0.04 -4.58	30.64 -0.03 -3.23	29.95 -0.12 -1.50	31.50 -0.17 -1.12	25.84 -0.14 -4.19
SHOEMAKER___GT 23640	30.22 0.80 -4.01	30.29 0.90 -0.46	29.11 0.87 0.00	31.65 0.90 0.00	31.32 0.87 0.00	32.31 0.96 -0.62	38.45 0.93 -10.66	38.85 0.90 -12.18	26.95 0.83 -2.23	30.72 1.02 -0.05	32.95 1.10 0.00	31.07 0.99 0.00	31.63 0.99 -0.08	30.85 0.58 -11.60	31.86 0.85 -3.90	22.51 0.56 -3.86	40.11 0.39 -27.44	61.60 1.07 -31.54	51.34 1.76 -4.06	46.51 1.02 -18.12	41.23 1.02 -12.77	35.48 0.99 -5.92	36.05 1.08 -4.42	39.07 0.71 -16.56

SHOEMAKR_138KV_BK 111 55601	30.19 0.79 -3.99	30.28 0.89 -0.46	29.10 0.86 0.00	31.64 0.88 0.00	31.30 0.86 0.00	32.28 0.94 -0.61	38.38 0.92 -10.59	38.76 0.88 -12.11	26.93 0.82 -2.22	30.72 1.02 -0.05	32.95 1.10 0.00	31.07 0.99 0.00	31.62 0.99 -0.08	30.79 0.59 -11.53	31.84 0.85 -3.88	22.83 0.55 -4.19	39.94 0.38 -27.28	61.40 1.05 -31.36	51.27 1.72 -4.04	46.38 1.00 -18.01	41.13 1.00 -12.70	35.42 0.96 -5.88	36.00 1.06 -4.39	38.97 0.71 -16.47
SHOREHAM_IC_1 23715	31.83 2.08 -4.34	31.59 2.17 -0.51	30.23 1.99 0.00	32.96 2.21 0.00	32.61 2.17 0.00	33.78 2.38 -0.67	40.77 2.37 -11.54	41.17 2.21 -13.18	28.26 1.95 -2.41	31.95 2.33 0.03	33.92 2.88 0.81	31.83 2.63 0.88	33.55 2.67 -0.33	33.94 1.68 -13.59	33.63 2.30 -4.22	42.84 1.59 -23.16	63.42 1.15 -50.00	83.70 2.94 -51.78	95.29 4.78 -44.99	106.68 2.84 -76.48	73.29 2.81 -43.04	65.29 2.84 -33.89	38.32 3.00 -4.78	41.65 1.92 -17.93
SHOREHAM_IC_2 23716	31.83 2.08 -4.34	31.59 2.17 -0.51	30.23 1.99 0.00	32.96 2.21 0.00	32.61 2.17 0.00	33.78 2.38 -0.67	40.77 2.37 -11.54	41.17 2.21 -13.18	28.26 1.95 -2.41	31.95 2.33 0.03	33.92 2.88 0.81	31.83 2.63 0.88	33.55 2.67 -0.33	33.94 1.68 -13.59	33.63 2.30 -4.22	42.84 1.59 -23.16	63.42 1.15 -50.00	83.70 2.94 -51.78	95.29 4.78 -44.99	106.68 2.84 -76.48	73.29 2.81 -43.04	65.29 2.84 -33.89	38.32 3.00 -4.78	41.65 1.92 -17.93
SISSONVILLE____ 23735	25.10 -0.55 -0.24	28.14 -0.81 -0.03	27.59 -0.65 0.00	30.60 -0.16 0.00	30.21 -0.24 0.00	30.07 -0.70 -0.04	26.82 -0.68 -0.64	25.84 -0.67 -0.73	22.97 -1.06 -0.13	28.55 -1.10 0.00	30.87 -0.98 0.00	28.89 -1.19 0.00	29.66 -0.90 0.00	18.68 -0.68 -0.70	26.42 -0.92 -0.23	18.20 -0.66 -0.78	13.47 -0.45 -1.65	29.37 -1.50 -1.89	43.09 -2.67 -0.24	27.24 -1.21 -1.09	27.42 -0.78 -0.77	28.19 -0.74 -0.36	30.11 -0.71 -0.27	22.39 -0.40 -0.99
SITHE_IND_GS1 24169	25.44 -0.65 -0.68	28.25 -0.75 -0.08	27.52 -0.72 0.00	29.99 -0.77 0.00	29.68 -0.77 0.00	30.03 -0.80 -0.11	27.93 -0.75 -1.81	27.13 -0.72 -2.07	23.64 -0.64 -0.38	28.84 -0.82 -0.01	30.97 -0.88 0.00	29.27 -0.81 0.00	29.73 -0.84 -0.01	20.14 -0.50 -1.97	27.02 -0.75 -0.66	19.82 -0.47 -2.20	16.63 -0.31 -4.66	33.58 -0.76 -5.36	44.98 -1.23 -0.69	29.71 -0.74 -3.08	28.86 -0.74 -2.17	28.84 -0.74 -1.01	30.49 -0.81 -0.75	24.04 -0.57 -2.82
SITHE_IND_GS2 24170	25.44 -0.65 -0.68	28.25 -0.75 -0.08	27.52 -0.72 0.00	29.99 -0.77 0.00	29.68 -0.77 0.00	30.03 -0.80 -0.11	27.93 -0.75 -1.81	27.13 -0.72 -2.07	23.64 -0.64 -0.38	28.84 -0.82 -0.01	30.97 -0.88 0.00	29.27 -0.81 0.00	29.73 -0.84 -0.01	20.14 -0.50 -1.97	27.02 -0.75 -0.66	19.82 -0.47 -2.20	16.63 -0.31 -4.66	33.58 -0.76 -5.36	44.98 -1.23 -0.69	29.71 -0.74 -3.08	28.86 -0.74 -2.17	28.84 -0.74 -1.01	30.49 -0.81 -0.75	24.04 -0.57 -2.82
SITHE_IND_GS3 24171	25.44 -0.65 -0.68	28.25 -0.75 -0.08	27.52 -0.72 0.00	29.99 -0.77 0.00	29.68 -0.77 0.00	30.03 -0.80 -0.11	27.93 -0.75 -1.81	27.13 -0.72 -2.07	23.64 -0.64 -0.38	28.84 -0.82 -0.01	30.97 -0.88 0.00	29.27 -0.81 0.00	29.73 -0.84 -0.01	20.14 -0.50 -1.97	27.02 -0.75 -0.66	19.82 -0.47 -2.20	16.63 -0.31 -4.66	33.58 -0.76 -5.36	44.98 -1.23 -0.69	29.71 -0.74 -3.08	28.86 -0.74 -2.17	28.84 -0.74 -1.01	30.49 -0.81 -0.75	24.04 -0.57 -2.82
SITHE_IND_GS4 24172	25.44 -0.65 -0.68	28.25 -0.75 -0.08	27.52 -0.72 0.00	29.99 -0.77 0.00	29.68 -0.77 0.00	30.03 -0.80 -0.11	27.93 -0.75 -1.81	27.13 -0.72 -2.07	23.64 -0.64 -0.38	28.84 -0.82 -0.01	30.97 -0.88 0.00	29.27 -0.81 0.00	29.73 -0.84 -0.01	20.14 -0.50 -1.97	27.02 -0.75 -0.66	19.82 -0.47 -2.20	16.63 -0.31 -4.66	33.58 -0.76 -5.36	44.98 -1.23 -0.69	29.71 -0.74 -3.08	28.86 -0.74 -2.17	28.84 -0.74 -1.01	30.49 -0.81 -0.75	24.04 -0.57 -2.82
SITHE____BATAVIA 24024	26.60 0.11 -1.08	29.27 0.23 -0.12	28.51 0.27 0.00	31.18 0.42 0.00	30.82 0.37 0.00	31.17 0.27 -0.17	29.75 0.02 -2.86	28.91 -0.14 -3.27	24.25 -0.24 -0.60	29.47 -0.19 -0.01	31.81 -0.04 0.00	29.95 -0.13 0.00	30.53 -0.04 -0.02	21.62 -0.17 -3.12	27.98 -0.17 -1.05	21.40 -0.17 -3.48	19.61 -0.04 -7.37	37.40 -0.05 -8.48	46.82 0.21 -1.09	32.22 -0.02 -4.87	30.87 0.00 -3.43	30.03 -0.13 -1.59	31.47 -0.26 -1.19	26.08 -0.17 -4.45
SITHE____INDEPEND 23800	25.44 -0.65 -0.68	28.25 -0.75 -0.08	27.52 -0.72 0.00	29.99 -0.77 0.00	29.67 -0.77 0.00	30.02 -0.81 -0.11	27.93 -0.75 -1.81	27.13 -0.72 -2.07	23.64 -0.64 -0.38	28.84 -0.82 -0.01	30.97 -0.88 0.00	29.27 -0.81 0.00	29.73 -0.85 -0.01	20.14 -0.50 -1.97	27.02 -0.75 -0.66	19.82 -0.47 -2.20	16.63 -0.31 -4.66	33.58 -0.76 -5.36	44.98 -1.24 -0.69	29.70 -0.74 -3.08	28.86 -0.74 -2.17	28.84 -0.74 -1.01	30.49 -0.81 -0.75	24.04 -0.57 -2.82
SITHE____MASSENA 23902	25.03 -0.56 -0.19	28.12 -0.83 -0.02	27.57 -0.67 0.00	30.59 -0.17 0.00	30.17 -0.28 0.00	29.98 -0.77 -0.03	26.66 -0.71 -0.50	25.63 -0.72 -0.57	22.88 -1.13 -0.11	28.47 -1.18 0.00	30.78 -1.07 0.00	28.77 -1.31 0.00	29.59 -0.97 0.00	18.51 -0.71 -0.55	26.47 -0.82 -0.18	18.13 -0.57 -0.61	13.21 -0.36 -1.29	29.07 -1.39 -1.49	43.15 -2.56 -0.19	27.12 -1.10 -0.85	27.34 -0.69 -0.60	28.09 -0.76 -0.28	30.04 -0.72 -0.21	22.17 -0.41 -0.78
SITHE____OGDNSBRG 24021	25.42 -0.21 -0.22	28.51 -0.43 -0.03	27.95 -0.29 0.00	31.02 0.26 0.00	30.61 0.17 0.00	30.46 -0.30 -0.03	27.15 -0.31 -0.58	26.13 -0.31 -0.67	23.23 -0.79 -0.12	28.86 -0.79 0.00	31.27 -0.58 0.00	29.19 -0.89 0.00	30.01 -0.56 0.00	18.86 -0.46 -0.64	26.78 -0.54 -0.21	18.43 -0.37 -0.71	13.59 -0.20 -1.51	29.78 -0.93 -1.74	43.93 -1.81 -0.22	27.69 -0.68 -1.00	27.88 -0.26 -0.70	28.60 -0.29 -0.33	30.53 -0.26 -0.24	22.61 -0.09 -0.91
SITHE____STERLING 23777	26.52 0.58 -0.52	29.67 0.69 -0.06	28.96 0.72 0.00	31.59 0.83 0.00	31.27 0.82 0.00	31.66 0.85 -0.08	29.02 0.76 -1.39	28.10 0.74 -1.59	24.89 0.69 -0.29	30.56 0.91 -0.01	32.86 1.01 0.00	31.05 0.97 0.00	31.51 0.95 -0.01	20.76 0.58 -1.51	28.46 0.85 -0.51	20.35 0.57 -1.69	16.24 0.40 -3.57	34.02 0.93 -4.11	47.43 1.38 -0.53	30.52 0.79 -2.36	29.86 0.76 -1.66	30.06 0.72 -0.77	31.85 0.73 -0.57	24.42 0.47 -2.16
SLEIGHT__34_KV_TB1 80719	26.17 -0.22 -0.99	28.80 -0.23 -0.11	28.03 -0.21 0.00	30.59 -0.16 0.00	30.25 -0.20 0.00	30.66 -0.23 -0.15	29.27 -0.22 -2.62	28.52 -0.26 -3.00	24.16 -0.29 -0.55	29.41 -0.25 -0.01	31.64 -0.21 0.00	29.85 -0.23 0.00	30.30 -0.28 -0.02	21.29 -0.24 -2.85	27.74 -0.33 -0.96	21.10 -0.17 -3.19	18.98 -0.05 -6.75	36.62 -0.12 -7.77	46.38 -0.14 -1.00	31.69 -0.13 -4.46	30.40 -0.18 -3.14	29.76 -0.27 -1.46	31.30 -0.34 -1.09	25.64 -0.23 -4.08
SOUTH CAIRO____GT 23612	32.66 2.27 -4.98	32.11 2.61 -0.58	30.69 2.45 0.00	33.28 2.53 0.00	33.04 2.59 0.00	34.26 2.76 -0.76	42.50 2.41 -13.22	43.24 2.35 -15.11	28.75 2.09 -2.76	31.91 2.20 -0.07	33.83 1.98 0.00	32.13 2.05 0.00	32.84 2.18 -0.10	34.39 1.33 -14.39	33.93 1.99 -4.84	35.65 1.50 -16.06	47.48 1.16 -34.04	71.05 2.93 -39.14	55.21 4.65 -5.04	52.60 2.75 -22.48	45.95 2.67 -15.85	38.66 2.74 -7.34	38.85 2.82 -5.48	44.28 1.93 -20.55

SOUTH HAMPTN___IC 23720	32.29 2.54 -4.34	32.10 2.68 -0.51	30.73 2.49 0.00	33.53 2.77 0.00	33.18 2.73 0.00	34.36 2.96 -0.67	41.29 2.89 -11.54	41.69 2.73 -13.18	28.72 2.41 -2.41	32.51 2.89 0.03	34.51 3.47 0.82	32.38 3.20 0.90	34.13 3.25 -0.32	34.28 2.03 -13.58	34.15 2.82 -4.22	43.20 1.94 -23.16	63.70 1.41 -50.01	84.36 3.59 -51.79	96.35 5.83 -45.00	107.32 3.46 -76.49	73.90 3.43 -43.03	65.89 3.45 -33.87	38.95 3.62 -4.78	42.08 2.36 -17.93
SOUTHDOW_115KV_TB1 355954	27.13 0.50 -1.23	29.76 0.69 -0.14	29.04 0.80 0.00	31.81 1.05 0.00	31.43 0.99 0.00	31.84 0.92 -0.19	30.82 0.70 -3.25	30.04 0.54 -3.72	25.04 0.46 -0.68	30.49 0.82 -0.02	32.84 0.99 0.00	31.00 0.92 0.00	31.43 0.85 -0.03	22.56 0.35 -3.54	28.86 0.56 -1.19	22.34 0.30 -3.95	20.87 0.22 -8.38	39.22 0.61 -9.63	47.84 1.08 -1.24	33.27 0.37 -5.53	31.60 0.27 -3.90	30.51 0.13 -1.81	31.95 0.05 -1.35	26.81 -0.04 -5.06
SOUTHOLD_69_KV_BK 2 55809	32.65 2.90 -4.34	32.49 3.07 -0.51	31.11 2.86 0.00	33.96 3.20 0.00	33.60 3.16 0.00	34.79 3.40 -0.67	41.68 3.28 -11.54	42.10 3.14 -13.18	29.08 2.77 -2.41	32.94 3.32 0.03	34.94 3.91 0.82	32.79 3.60 0.90	34.54 3.67 -0.32	34.53 2.28 -13.58	34.56 3.23 -4.22	43.47 2.22 -23.16	63.90 1.61 -50.01	84.88 4.11 -51.79	97.18 6.66 -45.00	107.81 3.95 -76.49	74.39 3.92 -43.03	66.37 3.92 -33.87	39.44 4.11 -4.78	42.41 2.68 -17.93
SOUTHOLD___IC 23719	32.64 2.89 -4.34	32.49 3.07 -0.51	31.11 2.86 0.00	33.96 3.20 0.00	33.60 3.16 0.00	34.79 3.40 -0.67	41.69 3.28 -11.54	42.08 3.12 -13.18	29.08 2.77 -2.41	32.94 3.32 0.03	34.95 3.92 0.82	32.80 3.61 0.90	34.55 3.68 -0.32	34.54 2.29 -13.58	34.53 3.21 -4.22	43.47 2.21 -23.16	63.90 1.61 -50.01	84.88 4.12 -51.79	97.19 6.67 -45.00	107.81 3.96 -76.49	74.39 3.92 -43.03	66.38 3.93 -33.87	39.43 4.10 -4.78	42.41 2.68 -17.93
SOUTH_FORK_WT_PWR 323839	32.73 2.98 -4.34	32.59 3.17 -0.51	31.21 2.97 0.00	34.07 3.31 0.00	33.71 3.27 0.00	34.90 3.51 -0.67	41.79 3.39 -11.54	42.18 3.22 -13.18	29.16 2.85 -2.41	33.05 3.43 0.03	35.06 4.03 0.82	32.91 3.73 0.90	34.66 3.79 -0.32	34.60 2.35 -13.58	34.64 3.31 -4.22	43.54 2.29 -23.16	63.96 1.67 -50.01	85.01 4.25 -51.79	97.39 6.87 -45.00	107.94 4.08 -76.49	74.51 4.04 -43.03	66.50 4.05 -33.87	39.57 4.24 -4.78	42.50 2.77 -17.93
SPIERFLS_115KV_TB 1 80737	32.55 1.74 -5.40	31.54 1.99 -0.63	29.94 1.70 0.00	32.85 2.09 0.00	32.53 2.08 0.00	33.75 2.19 -0.83	43.16 1.95 -14.34	44.13 1.95 -16.39	28.55 1.66 -3.00	31.60 1.88 -0.07	33.67 1.82 0.00	31.83 1.74 0.00	32.39 1.72 -0.11	35.34 1.04 -15.63	33.46 1.10 -5.26	38.00 0.61 -19.29	49.68 0.43 -36.97	72.52 1.05 -42.50	52.56 1.57 -5.47	52.67 0.92 -24.38	45.54 0.91 -17.19	37.39 0.86 -7.97	37.56 1.07 -5.94	45.47 1.38 -22.29
ST LAWRENCE___ 23600	24.72 -0.87 -0.18	27.77 -1.17 -0.02	27.23 -1.02 0.00	30.22 -0.54 0.00	29.81 -0.64 0.00	29.61 -1.15 -0.03	26.31 -1.04 -0.48	25.29 -1.03 -0.54	22.59 -1.41 -0.10	28.01 -1.64 0.00	30.32 -1.53 0.00	28.29 -1.79 0.00	29.10 -1.46 0.00	18.19 -1.00 -0.52	26.07 -1.21 -0.17	17.84 -0.83 -0.57	12.96 -0.53 -1.22	28.57 -1.81 -1.40	42.48 -3.22 -0.18	26.69 -1.48 -0.80	26.92 -1.08 -0.57	27.65 -1.18 -0.26	29.57 -1.18 -0.20	21.79 -0.73 -0.74
STATE_CA_115KV_115_LB 55624	31.34 0.65 -5.29	30.31 0.77 -0.61	28.97 0.73 0.00	31.40 0.64 0.00	31.14 0.69 0.00	32.26 0.72 -0.81	41.51 0.61 -14.03	42.40 0.58 -16.04	27.47 0.64 -2.93	30.48 0.76 -0.07	32.52 0.67 0.00	30.85 0.77 0.00	31.44 0.77 -0.11	34.43 0.48 -15.28	32.96 0.72 -5.14	37.51 0.45 -18.97	48.72 0.30 -36.15	71.24 0.71 -41.55	52.02 1.15 -5.35	51.91 0.69 -23.86	44.95 0.69 -16.82	37.11 0.74 -7.79	37.13 0.77 -5.81	44.14 0.53 -21.81
STATE_ST_34_KV_LOAD 55959	26.53 0.12 -1.01	29.18 0.14 -0.12	28.39 0.15 0.00	30.94 0.18 0.00	30.63 0.18 0.00	31.06 0.18 -0.15	29.71 0.18 -2.67	28.99 0.16 -3.05	24.62 0.16 -0.56	29.99 0.33 -0.01	32.18 0.33 0.00	30.38 0.30 0.00	30.78 0.19 -0.02	21.61 0.04 -2.91	28.20 0.12 -0.98	21.51 0.18 -3.24	19.33 0.18 -6.87	37.28 0.40 -7.90	47.15 0.61 -1.02	32.27 0.37 -4.54	30.93 0.29 -3.20	30.28 0.22 -1.48	31.93 0.28 -1.11	26.10 0.16 -4.15
STATION 5_MISC_HYD 23604	26.30 -0.11 -1.01	28.94 -0.10 -0.12	28.20 -0.05 0.00	30.78 0.02 0.00	30.43 -0.01 0.00	30.80 -0.09 -0.15	29.37 -0.17 -2.67	28.57 -0.26 -3.05	24.12 -0.34 -0.56	29.36 -0.30 -0.01	31.61 -0.24 0.00	29.83 -0.25 0.00	30.37 -0.21 -0.02	21.38 -0.20 -2.91	27.80 -0.28 -0.98	21.13 -0.20 -3.25	19.07 -0.08 -6.88	36.68 -0.21 -7.91	46.38 -0.16 -1.02	31.75 -0.16 -4.54	30.46 -0.18 -3.20	29.78 -0.27 -1.48	31.29 -0.37 -1.11	25.72 -0.22 -4.15
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	26.52 0.11 -1.00	29.20 0.16 -0.12	28.42 0.19 0.00	31.02 0.27 0.00	30.70 0.26 0.00	31.10 0.22 -0.15	29.67 0.15 -2.65	28.92 0.10 -3.03	24.51 0.05 -0.55	29.78 0.12 -0.01	31.98 0.12 0.00	30.17 0.09 0.00	30.63 0.06 -0.02	21.54 -0.02 -2.89	28.05 -0.03 -0.97	21.34 0.03 -3.23	19.20 0.09 -6.84	37.08 0.24 -7.86	46.98 0.44 -1.01	32.11 0.23 -4.51	30.80 0.18 -3.18	30.13 0.09 -1.48	31.66 0.02 -1.10	25.93 0.01 -4.13
STA_56_34_KV_BUS2_REV_LBMP_B 345033	26.16 -0.24 -1.00	28.79 -0.25 -0.12	28.04 -0.20 0.00	30.62 -0.13 0.00	30.27 -0.18 0.00	30.63 -0.25 -0.15	29.22 -0.31 -2.66	28.45 -0.37 -3.04	24.03 -0.43 -0.56	29.23 -0.42 -0.01	31.48 -0.37 0.00	29.71 -0.37 0.00	30.23 -0.35 -0.02	21.29 -0.28 -2.90	27.68 -0.40 -0.97	21.05 -0.27 -3.23	18.99 -0.13 -6.85	36.54 -0.32 -7.88	46.19 -0.35 -1.01	31.63 -0.26 -4.52	30.33 -0.29 -3.19	29.66 -0.39 -1.48	31.15 -0.50 -1.10	25.61 -0.32 -4.14
STA_56___34_KV_BUS2 355983	26.16 -0.24 -1.00	28.79 -0.25 -0.12	28.04 -0.20 0.00	30.62 -0.13 0.00	30.27 -0.18 0.00	30.63 -0.25 -0.15	29.22 -0.31 -2.66	28.45 -0.37 -3.04	24.03 -0.43 -0.56	29.23 -0.42 -0.01	31.48 -0.37 0.00	29.71 -0.37 0.00	30.23 -0.35 -0.02	21.29 -0.28 -2.90	27.68 -0.40 -0.97	21.05 -0.27 -3.23	18.99 -0.13 -6.85	36.54 -0.32 -7.88	46.19 -0.35 -1.01	31.63 -0.26 -4.52	30.33 -0.29 -3.19	29.66 -0.39 -1.48	31.15 -0.50 -1.10	25.61 -0.32 -4.14
STA_67___115KV_BK2 355882	26.25 -0.16 -1.01	28.89 -0.15 -0.12	28.14 -0.10 0.00	30.74 -0.02 0.00	30.38 -0.06 0.00	30.74 -0.14 -0.15	29.31 -0.23 -2.67	28.53 -0.30 -3.05	24.08 -0.38 -0.56	29.30 -0.36 -0.01	31.55 -0.30 0.00	29.79 -0.30 0.00	30.31 -0.27 -0.02	21.35 -0.24 -2.91	27.75 -0.33 -0.98	21.09 -0.24 -3.24	19.04 -0.11 -6.88	36.61 -0.28 -7.91	46.27 -0.27 -1.02	31.70 -0.21 -4.54	30.39 -0.24 -3.20	29.72 -0.33 -1.48	31.22 -0.43 -1.11	25.68 -0.27 -4.15
STA_7___115KV_9TRANS 80674	26.40 -0.01 -1.01	29.06 0.02 -0.12	28.30 0.06 0.00	30.90 0.14 0.00	30.55 0.10 0.00	30.91 0.03 -0.15	29.47 -0.07 -2.67	28.68 -0.15 -3.05	24.22 -0.23 -0.56	29.48 -0.18 -0.01	31.75 -0.10 0.00	29.97 -0.11 0.00	30.50 -0.08 -0.02	21.46 -0.12 -2.91	27.92 -0.17 -0.98	21.22 -0.11 -3.25	19.13 -0.02 -6.88	36.84 -0.05 -7.91	46.63 0.09 -1.02	31.91 0.00 -4.54	30.60 -0.03 -3.20	29.93 -0.13 -1.48	31.44 -0.22 -1.11	25.82 -0.13 -4.15

STA_82___115KV_TB1 80780	26.26 -0.15 -1.01	28.91 -0.13 -0.12	28.16 -0.08 0.00	30.76 0.00 0.00	30.40 -0.05 0.00	30.76 -0.12 -0.16	29.33 -0.21 -2.68	28.55 -0.29 -3.06	24.10 -0.36 -0.56	29.32 -0.34 -0.01	31.57 -0.28 0.00	29.80 -0.28 0.00	30.33 -0.25 -0.02	21.36 -0.23 -2.92	27.76 -0.32 -0.98	21.11 -0.23 -3.25	19.06 -0.10 -6.90	36.64 -0.26 -7.93	46.30 -0.24 -1.02	31.73 -0.19 -4.55	30.42 -0.22 -3.21	29.74 -0.32 -1.49	31.25 -0.41 -1.11	25.70 -0.25 -4.16
STEEL___WIND 323596	26.11 -0.48 -1.18	28.63 -0.43 -0.14	27.92 -0.32 0.00	30.55 -0.21 0.00	30.17 -0.27 0.00	30.54 -0.37 -0.18	29.51 -0.49 -3.13	28.69 -0.66 -3.57	23.84 -0.72 -0.65	29.06 -0.60 -0.02	31.32 -0.53 0.00	29.55 -0.53 0.00	30.06 -0.52 -0.02	21.60 -0.48 -3.41	27.59 -0.66 -1.15	21.39 -0.50 -3.80	20.02 -0.32 -8.06	37.46 -0.79 -9.26	45.72 -0.99 -1.19	31.94 -0.75 -5.32	30.44 -0.75 -3.75	29.42 -0.89 -1.74	30.81 -1.03 -1.30	25.97 -0.68 -4.87
STEPHTWN_115KV_BK_2 55603	31.55 0.91 -5.23	30.56 1.04 -0.61	29.20 0.96 0.00	31.61 0.85 0.00	31.37 0.93 0.00	32.54 1.01 -0.80	41.69 0.93 -13.89	42.56 0.90 -15.88	27.69 0.89 -2.90	30.73 1.02 -0.07	32.74 0.89 0.00	31.08 1.00 0.00	31.66 1.00 -0.11	34.42 0.62 -15.12	33.13 0.94 -5.09	37.53 0.64 -18.80	48.48 0.44 -35.77	71.20 1.09 -41.13	52.56 1.74 -5.29	52.05 1.06 -23.62	45.13 1.04 -16.65	37.36 1.07 -7.72	37.43 1.12 -5.76	44.14 0.75 -21.60
STEBEN_REC_LFGE 323667	26.73 -0.08 -1.40	29.16 0.08 -0.16	28.41 0.17 0.00	31.14 0.38 0.00	30.72 0.28 0.00	31.31 0.36 -0.21	31.02 0.43 -3.72	30.38 0.34 -4.26	25.01 0.33 -0.78	30.16 0.49 -0.02	32.34 0.49 0.00	30.46 0.38 0.00	30.87 0.29 -0.03	22.78 0.06 -4.05	28.63 0.17 -1.37	22.79 0.18 -4.52	22.07 0.21 -9.59	40.54 0.54 -11.02	47.62 0.68 -1.42	33.78 0.08 -6.33	31.76 -0.14 -4.46	30.25 -0.39 -2.07	31.75 -0.34 -1.54	27.30 -0.29 -5.79
STILLWATER___SOLAR 323814	32.19 1.41 -5.38	31.15 1.61 -0.62	29.71 1.46 0.00	32.39 1.63 0.00	32.11 1.66 0.00	33.30 1.75 -0.82	42.70 1.56 -14.27	43.62 1.53 -16.31	28.19 1.31 -2.98	31.26 1.54 -0.07	33.38 1.53 0.00	31.53 1.44 0.00	32.19 1.53 -0.11	35.18 0.96 -15.55	33.64 1.30 -5.23	38.17 0.85 -19.23	49.65 0.59 -36.79	72.68 1.42 -42.28	53.17 2.21 -5.44	52.94 1.31 -24.26	45.82 1.29 -17.10	37.80 1.30 -7.93	37.89 1.43 -5.91	45.18 1.20 -22.18
STONY___BROOK 24151	31.66 1.91 -4.34	31.40 1.97 -0.51	30.05 1.81 0.00	32.75 2.00 0.00	32.41 1.97 0.00	33.56 2.17 -0.67	40.57 2.17 -11.54	40.99 2.03 -13.18	28.12 1.81 -2.41	31.81 2.19 0.03	33.83 2.76 0.78	31.75 2.52 0.86	33.46 2.54 -0.36	33.88 1.59 -13.62	33.50 2.17 -4.22	42.73 1.48 -23.16	63.30 1.05 -49.98	83.45 2.69 -51.78	94.88 4.40 -44.96	106.40 2.59 -76.44	73.08 2.58 -43.07	65.06 2.57 -33.92	38.06 2.73 -4.78	41.47 1.74 -17.93
STURGEON_POOL_HYD 23609	30.82 0.90 -4.51	30.44 0.99 -0.52	29.19 0.95 0.00	31.76 1.00 0.00	31.42 0.98 0.00	32.49 1.07 -0.69	39.87 1.03 -11.98	40.44 0.97 -13.69	27.32 0.92 -2.50	30.91 1.20 -0.06	33.19 1.34 0.00	31.27 1.19 0.00	31.84 1.19 -0.09	32.42 0.71 -13.04	32.54 1.05 -4.39	33.31 0.67 -14.55	43.56 0.44 -30.85	65.61 1.17 -35.46	52.01 1.92 -4.56	48.88 1.15 -20.37	42.95 1.15 -14.35	36.37 1.14 -6.65	36.77 1.25 -4.96	41.25 0.83 -18.62
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	30.38 0.88 -4.09	30.38 0.99 -0.47	29.18 0.94 0.00	31.72 0.96 0.00	31.38 0.93 0.00	32.41 1.05 -0.63	38.75 1.02 -10.86	39.17 0.97 -12.41	27.09 0.92 -2.27	30.86 1.16 -0.05	33.11 1.26 0.00	31.21 1.13 0.00	31.77 1.13 -0.08	31.17 0.67 -11.83	32.06 0.97 -3.98	21.47 0.61 -2.77	40.67 0.42 -27.98	62.29 1.15 -32.16	51.54 1.88 -4.14	46.93 1.10 -18.47	41.54 1.08 -13.02	35.66 1.05 -6.03	36.21 1.16 -4.50	39.46 0.78 -16.89
SWANROAD_115KV_TB1 355699	25.55 -0.99 -1.13	28.13 -0.92 -0.13	27.44 -0.81 0.00	30.01 -0.75 0.00	29.63 -0.82 0.00	29.92 -0.99 -0.17	28.60 -1.26 -2.99	27.72 -1.47 -3.42	23.09 -1.44 -0.62	28.15 -1.51 -0.02	30.38 -1.48 0.00	28.61 -1.47 0.00	29.17 -1.41 -0.02	20.88 -1.05 -3.26	26.71 -1.50 -1.10	20.63 -1.09 -3.64	19.27 -0.71 -7.71	36.09 -1.75 -8.86	44.25 -2.41 -1.14	30.89 -1.56 -5.09	29.53 -1.50 -3.59	28.59 -1.64 -1.66	29.95 -1.84 -1.24	25.18 -1.27 -4.65
SYNERGY___BIOGAS 323694	26.60 0.11 -1.08	29.27 0.23 -0.12	28.51 0.27 0.00	31.18 0.42 0.00	30.82 0.37 0.00	31.17 0.27 -0.17	29.75 0.02 -2.86	28.91 -0.14 -3.27	24.25 -0.24 -0.60	29.47 -0.19 -0.01	31.81 -0.04 0.00	29.95 -0.13 0.00	30.53 -0.04 -0.02	21.62 -0.17 -3.12	27.98 -0.17 -1.05	21.40 -0.17 -3.48	19.61 -0.04 -7.37	37.40 -0.05 -8.48	46.82 0.21 -1.09	32.22 -0.02 -4.87	30.87 0.00 -3.43	30.03 -0.13 -1.59	31.47 -0.26 -1.19	26.08 -0.17 -4.45
SYRACUSE___ENERGY_ST1 323597	26.24 -0.06 -0.89	28.95 -0.08 -0.10	28.18 -0.07 0.00	30.70 -0.06 0.00	30.37 -0.07 0.00	30.79 -0.07 -0.14	29.17 -0.06 -2.37	28.41 -0.07 -2.70	24.36 -0.04 -0.49	29.64 -0.03 -0.01	31.83 -0.02 0.00	30.08 0.00 0.00	30.52 -0.05 -0.02	21.21 -0.05 -2.58	27.90 -0.07 -0.87	20.95 -0.01 -2.88	18.39 0.02 -6.09	36.04 0.05 -7.00	46.47 0.04 -0.90	31.40 0.01 -4.02	30.25 -0.02 -2.84	29.85 -0.03 -1.31	31.48 -0.05 -0.98	25.42 -0.05 -3.68
SYRACUSE___ENERGY_ST2 323598	26.24 -0.06 -0.89	28.95 -0.08 -0.10	28.18 -0.07 0.00	30.70 -0.06 0.00	30.37 -0.07 0.00	30.79 -0.07 -0.14	29.17 -0.06 -2.37	28.41 -0.07 -2.70	24.36 -0.04 -0.49	29.64 -0.03 -0.01	31.83 -0.02 0.00	30.08 0.00 0.00	30.52 -0.05 -0.02	21.21 -0.05 -2.58	27.90 -0.07 -0.87	20.95 -0.01 -2.88	18.39 0.02 -6.09	36.04 0.05 -7.00	46.47 0.04 -0.90	31.40 0.01 -4.02	30.25 -0.02 -2.84	29.85 -0.03 -1.31	31.48 -0.05 -0.98	25.42 -0.05 -3.68
SYRACUSE___POWER 24017	26.27 -0.04 -0.91	28.97 -0.05 -0.11	28.20 -0.04 0.00	30.73 -0.03 0.00	30.41 -0.04 0.00	30.82 -0.04 -0.14	29.24 -0.04 -2.41	28.49 -0.04 -2.75	24.38 -0.02 -0.50	29.65 -0.01 -0.01	31.86 0.01 0.00	30.10 0.02 0.00	30.55 -0.03 -0.02	21.28 -0.02 -2.62	27.94 -0.04 -0.88	21.02 0.00 -2.93	18.50 0.02 -6.21	36.19 0.08 -7.14	46.52 0.08 -0.92	31.48 0.02 -4.10	30.33 0.00 -2.89	29.90 0.00 -1.34	31.51 -0.04 -1.00	25.51 -0.04 -3.75
TALLMAN___138KV_BK151 55660	30.54 0.95 -4.19	30.48 1.07 -0.48	29.25 1.01 0.00	31.80 1.05 0.00	31.44 1.00 0.00	32.51 1.14 -0.64	39.10 1.12 -11.11	39.56 1.07 -12.70	27.23 1.01 -2.32	31.00 1.29 -0.06	33.25 1.40 0.00	31.33 1.25 0.00	31.88 1.24 -0.08	31.50 0.73 -12.10	32.24 1.07 -4.07	18.38 0.65 0.36	41.34 0.44 -28.63	63.12 1.24 -32.91	51.78 2.02 -4.24	47.44 1.17 -18.90	41.92 1.16 -13.32	35.87 1.12 -6.18	36.39 1.24 -4.61	39.91 0.83 -17.28
TEALLAVE_115KV_TB7 355573	26.05 -0.19 -0.82	28.81 -0.21 -0.10	28.05 -0.20 0.00	30.55 -0.21 0.00	30.24 -0.21 0.00	30.64 -0.22 -0.13	28.85 -0.20 -2.18	28.08 -0.20 -2.50	24.19 -0.16 -0.46	29.47 -0.19 -0.01	31.66 -0.19 0.00	29.92 -0.16 0.00	30.38 -0.20 -0.02	20.93 -0.12 -2.38	27.72 -0.19 -0.80	20.64 -0.10 -2.66	17.85 -0.05 -5.63	35.33 -0.12 -6.47	46.14 -0.21 -0.83	30.92 -0.16 -3.71	29.88 -0.17 -2.62	29.61 -0.18 -1.21	31.23 -0.22 -0.91	25.02 -0.16 -3.40

TELGRAPH_34_KV_EAST 80808	26.10 -0.41 -1.10	28.71 -0.33 -0.13	27.99 -0.25 0.00	30.63 -0.13 0.00	30.25 -0.20 0.00	30.58 -0.32 -0.17	29.21 -0.57 -2.92	28.36 -0.75 -3.34	23.72 -0.79 -0.61	28.91 -0.75 -0.01	31.20 -0.65 0.00	29.39 -0.69 0.00	29.94 -0.64 -0.02	21.30 -0.55 -3.18	27.41 -0.77 -1.07	21.05 -0.59 -3.55	19.44 -0.35 -7.52	36.77 -0.86 -8.64	45.58 -1.05 -1.11	31.58 -0.75 -4.96	30.21 -0.72 -3.50	29.34 -0.86 -1.62	30.74 -1.02 -1.21	25.65 -0.69 -4.54
TEMPLE___115KV_TB 2 55572	26.07 -0.16 -0.83	28.83 -0.19 -0.10	28.07 -0.18 0.00	30.57 -0.18 0.00	30.26 -0.19 0.00	30.66 -0.20 -0.13	28.89 -0.19 -2.21	28.12 -0.19 -2.52	24.21 -0.15 -0.46	29.48 -0.18 -0.01	31.68 -0.17 0.00	29.95 -0.14 0.00	30.40 -0.18 -0.02	20.97 -0.11 -2.40	27.74 -0.18 -0.81	20.67 -0.10 -2.68	17.92 -0.04 -5.68	35.42 -0.09 -6.53	46.17 -0.19 -0.84	30.98 -0.14 -3.75	29.93 -0.15 -2.64	29.63 -0.17 -1.23	31.26 -0.20 -0.91	25.07 -0.15 -3.43
TIANA___69_KV_BK 1 55817	32.18 2.42 -4.34	31.96 2.54 -0.51	30.59 2.35 0.00	33.37 2.62 0.00	33.02 2.57 0.00	34.18 2.79 -0.67	41.15 2.74 -11.54	41.57 2.61 -13.18	28.60 2.29 -2.41	32.36 2.74 0.03	34.32 3.29 0.82	32.23 3.04 0.90	33.95 3.07 -0.32	34.18 1.93 -13.58	34.03 2.71 -4.22	43.10 1.85 -23.16	63.62 1.33 -50.01	84.18 3.41 -51.79	96.07 5.54 -45.00	107.15 3.29 -76.49	73.74 3.27 -43.03	65.73 3.29 -33.87	38.79 3.46 -4.78	41.97 2.24 -17.93
TILDEN___115KV_TB1 80814	26.27 -0.04 -0.91	28.97 -0.05 -0.11	28.20 -0.04 0.00	30.73 -0.03 0.00	30.41 -0.04 0.00	30.82 -0.04 -0.14	29.24 -0.04 -2.41	28.49 -0.04 -2.75	24.38 -0.02 -0.50	29.65 -0.01 0.00	31.86 0.01 0.00	30.10 0.02 0.00	30.55 -0.03 -0.02	21.28 -0.02 -2.62	27.94 -0.04 -0.88	21.02 0.00 -2.93	18.50 0.02 -6.21	36.19 0.08 -7.14	46.52 0.08 -0.92	31.48 0.02 -4.10	30.33 0.00 -2.89	29.90 0.00 -1.34	31.51 -0.04 -1.00	25.51 -0.04 -3.75
TRIGEN___CC 323695	31.24 1.47 -4.36	30.96 1.54 -0.51	29.66 1.42 0.00	32.29 1.54 0.00	31.95 1.51 0.00	33.08 1.67 -0.67	40.07 1.66 -11.54	40.54 1.56 -13.20	27.74 1.41 -2.43	31.93 1.78 -0.49	39.21 2.26 -5.10	37.73 2.07 -5.58	39.76 2.07 -7.13	40.14 1.26 -20.21	33.07 1.72 -4.24	42.35 1.10 -23.16	57.03 0.74 -44.01	82.08 1.91 -51.19	87.18 3.15 -38.51	98.72 1.87 -69.48	78.79 1.86 -49.49	73.39 1.85 -42.97	37.32 1.99 -4.78	41.04 1.31 -17.93
TRINITY___115KV__ 4 BK 55933	31.21 0.55 -5.25	30.20 0.67 -0.61	28.87 0.63 0.00	31.28 0.53 0.00	31.03 0.58 0.00	32.15 0.62 -0.81	41.30 0.51 -13.92	42.17 0.48 -15.91	27.35 0.54 -2.91	30.36 0.64 -0.07	32.41 0.55 0.00	30.73 0.65 0.00	31.32 0.65 -0.11	34.23 0.40 -15.15	32.80 0.60 -5.10	37.31 0.37 -18.85	48.37 0.24 -35.85	70.77 0.57 -41.22	51.79 0.96 -5.30	51.61 0.57 -23.67	44.70 0.58 -16.69	36.93 0.63 -7.73	36.97 0.65 -5.77	43.89 0.46 -21.65
UNION___PROCESSING_DRP 323587	26.28 -0.14 -1.01	28.92 -0.12 -0.12	28.17 -0.07 0.00	30.77 0.01 0.00	30.41 -0.03 0.00	30.77 -0.11 -0.16	29.35 -0.20 -2.68	28.56 -0.28 -3.06	24.11 -0.35 -0.56	29.33 -0.33 -0.01	31.58 -0.27 0.00	29.81 -0.27 0.00	30.34 -0.24 -0.02	21.37 -0.22 -2.92	27.78 -0.31 -0.98	21.12 -0.22 -3.25	19.08 -0.10 -6.90	36.67 -0.24 -7.93	46.34 -0.21 -1.02	31.74 -0.18 -4.55	30.44 -0.21 -3.21	29.76 -0.30 -1.49	31.26 -0.40 -1.11	25.71 -0.25 -4.16
UPPER HUDSON___HYD 24058	32.55 1.74 -5.40	31.54 1.99 -0.63	29.94 1.70 0.00	32.85 2.09 0.00	32.53 2.08 0.00	33.75 2.19 -0.83	43.16 1.95 -14.34	44.13 1.95 -16.39	28.56 1.66 -3.00	31.60 1.88 -0.07	33.67 1.82 0.00	31.83 1.75 0.00	32.39 1.72 -0.11	35.34 1.04 -15.63	33.46 1.10 -5.26	38.00 0.61 -19.29	49.68 0.43 -36.97	72.52 1.05 -42.50	52.56 1.57 -5.47	52.67 0.91 -24.38	45.54 0.91 -17.19	37.39 0.86 -7.97	37.56 1.07 -5.94	45.47 1.38 -22.29
UPPER RAQUET___HYD 24056	25.10 -0.55 -0.24	28.14 -0.81 -0.03	27.59 -0.65 0.00	30.60 -0.16 0.00	30.21 -0.24 0.00	30.06 -0.70 -0.04	26.82 -0.68 -0.64	25.84 -0.67 -0.73	22.97 -1.06 -0.13	28.55 -1.10 0.00	30.87 -0.98 0.00	28.89 -1.19 0.00	29.67 -0.90 0.00	18.68 -0.68 -0.70	26.42 -0.92 -0.23	18.20 -0.67 -0.78	13.47 -0.45 -1.65	29.37 -1.50 -1.89	43.08 -2.68 -0.24	27.24 -1.21 -1.09	27.42 -0.78 -0.77	28.19 -0.74 -0.36	30.12 -0.69 -0.27	22.39 -0.40 -0.99
VALLEY44_115KV_TB2 355964	26.52 -0.13 -1.24	29.10 0.04 -0.14	28.41 0.17 0.00	31.06 0.31 0.00	30.75 0.31 0.00	31.08 0.16 -0.19	30.03 -0.13 -3.29	29.18 -0.37 -3.76	24.19 -0.40 -0.69	29.44 -0.23 -0.02	31.82 -0.04 0.00	30.22 0.14 0.00	30.68 0.09 -0.03	22.16 -0.10 -3.59	28.22 -0.09 -1.21	21.89 -0.20 -4.00	20.57 -0.19 -8.48	38.20 -0.53 -9.75	46.33 -0.45 -1.26	32.48 -0.49 -5.60	30.82 -0.56 -3.95	29.83 -0.57 -1.83	31.35 -0.56 -1.37	26.58 -0.34 -5.12
VALLEY___115KV_TB 1-4 80826	25.80 0.25 -0.14	29.31 0.37 -0.02	28.56 0.32 0.00	31.07 0.32 0.00	30.82 0.38 0.00	31.26 0.51 -0.02	27.80 0.57 -0.37	26.79 0.60 -0.42	24.45 0.47 -0.08	30.11 0.46 0.00	32.21 0.36 0.00	30.46 0.38 0.00	30.99 0.43 0.00	19.45 0.37 -0.40	27.82 0.58 -0.13	18.95 0.42 -0.45	13.50 0.29 -0.94	30.73 0.66 -1.08	46.73 1.06 -0.14	28.62 0.62 -0.62	28.46 0.58 -0.44	29.37 0.59 -0.20	31.32 0.62 -0.15	22.79 0.43 -0.57
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	28.72 1.04 -2.27	30.37 1.19 -0.26	29.40 1.16 0.00	32.03 1.27 0.00	31.71 1.26 0.00	32.41 1.34 -0.35	34.15 1.26 -6.03	33.88 1.22 -6.89	26.32 1.16 -1.26	31.15 1.47 -0.03	33.43 1.58 0.00	31.52 1.43 0.00	32.00 1.40 -0.05	26.05 0.81 -6.56	30.50 1.19 -2.21	26.21 0.79 -7.32	28.35 0.55 -15.53	48.22 1.39 -17.85	50.13 2.31 -2.30	39.00 1.38 -10.25	36.01 1.35 -7.22	33.29 1.37 -3.35	34.49 1.44 -2.50	32.14 0.98 -9.37
VISCHER___FERRY HYD 24020	31.70 0.99 -5.30	30.68 1.15 -0.61	29.30 1.06 0.00	31.86 1.11 0.00	31.59 1.15 0.00	32.75 1.21 -0.81	42.01 1.08 -14.07	42.90 1.04 -16.08	27.75 0.91 -2.94	30.84 1.13 -0.07	32.99 1.14 0.00	31.18 1.10 0.00	31.85 1.18 -0.11	34.73 0.74 -15.32	33.31 1.05 -5.16	37.83 0.68 -19.06	48.97 0.45 -36.24	71.74 1.10 -41.66	52.65 1.77 -5.36	52.33 1.04 -23.92	45.32 1.03 -16.86	37.45 1.07 -7.81	37.54 1.16 -5.83	44.56 0.90 -21.87
V_A_10_SYNC_DSASP 323832	25.90 -0.57 -1.06	28.48 -0.57 -0.12	27.76 -0.48 0.00	30.36 -0.40 0.00	30.00 -0.45 0.00	30.32 -0.58 -0.16	29.00 -0.69 -2.82	28.19 -0.82 -3.23	23.61 -0.88 -0.59	28.78 -0.88 -0.01	31.04 -0.81 0.00	29.29 -0.79 0.00	29.84 -0.74 -0.02	21.17 -0.57 -3.08	27.32 -0.82 -1.04	20.90 -0.62 -3.43	19.16 -0.40 -7.28	36.34 -1.01 -8.37	45.26 -1.34 -1.08	31.29 -0.88 -4.80	29.95 -0.87 -3.39	29.14 -1.00 -1.57	30.60 -1.12 -1.17	25.48 -0.71 -4.39
V_CMM_10_SYNC_DSASP 323787	24.84 -0.75 -0.18	27.91 -1.03 -0.02	27.37 -0.87 0.00	30.37 -0.39 0.00	29.95 -0.49 0.00	29.75 -1.00 -0.03	26.44 -0.91 -0.48	25.42 -0.91 -0.54	22.70 -1.30 -0.10	28.15 -1.50 0.00	30.47 -1.38 0.00	28.44 -1.64 0.00	29.24 -1.32 0.00	18.27 -0.91 -0.52	26.19 -1.09 -0.17	17.93 -0.74 -0.57	13.02 -0.47 -1.22	28.70 -1.68 -1.40	42.70 -3.01 -0.18	26.82 -1.36 -0.80	27.05 -0.95 -0.57	27.78 -1.05 -0.26	29.72 -1.03 -0.20	21.89 -0.64 -0.74

V_CMP_10_SYNC_DSASP 323788	25.21 -0.37 -0.18	28.48 -0.46 -0.02	27.96 -0.29 0.00	31.12 0.36 0.00	30.81 0.37 0.00	30.48 -0.28 -0.03	27.09 -0.25 -0.47	26.06 -0.26 -0.54	23.21 -0.79 -0.10	28.51 -1.14 0.00	30.77 -1.08 0.00	28.54 -1.54 0.00	29.31 -1.25 0.00	18.26 -0.93 -0.51	26.25 -1.03 -0.17	18.20 -0.46 -0.57	13.30 -0.19 -1.22	29.33 -1.05 -1.40	43.52 -2.18 -0.18	27.33 -0.84 -0.80	27.50 -0.50 -0.57	28.28 -0.55 -0.26	30.20 -0.54 -0.20	22.27 -0.26 -0.73
V_D_10_SYNC_DSASP 323841	25.35 -1.19 -1.13	27.80 -1.25 -0.13	27.12 -1.12 0.00	29.68 -1.08 0.00	29.32 -1.13 0.00	29.58 -1.32 -0.17	28.42 -1.44 -3.00	27.62 -1.59 -3.43	22.95 -1.57 -0.63	28.00 -1.67 -0.02	30.21 -1.65 0.00	28.46 -1.62 0.00	29.03 -1.55 -0.02	20.81 -1.13 -3.26	26.59 -1.61 -1.10	20.55 -1.18 -3.64	19.22 -0.78 -7.72	35.94 -1.91 -8.87	44.01 -2.66 -1.14	30.73 -1.73 -5.10	29.39 -1.64 -3.59	28.45 -1.79 -1.66	29.79 -2.00 -1.24	25.10 -1.36 -4.66
V_E_10_SYNC_DSASP 323830	28.94 1.75 -1.79	31.42 2.30 -0.21	30.51 2.27 0.00	33.43 2.68 0.00	33.15 2.70 0.00	33.86 2.86 -0.27	34.23 2.63 -4.74	33.78 2.58 -5.42	27.32 2.43 -0.99	32.85 3.18 -0.02	35.24 3.39 0.00	33.11 3.03 0.00	33.40 2.81 -0.04	25.48 1.65 -5.16	31.38 2.54 -1.74	25.68 1.83 -5.76	25.81 1.33 -12.20	46.29 3.28 -14.03	52.36 5.04 -1.81	38.16 2.74 -8.05	35.74 2.62 -5.68	33.57 2.36 -2.63	35.02 2.51 -1.96	30.70 1.54 -7.37
V_F_30_NSYNC_DSASP 323816	32.23 1.43 -5.39	31.19 1.64 -0.62	29.74 1.50 0.00	32.43 1.67 0.00	32.14 1.70 0.00	33.34 1.78 -0.83	42.76 1.59 -14.30	43.68 1.56 -16.35	28.24 1.35 -2.99	31.31 1.59 -0.07	33.45 1.60 0.00	31.59 1.51 0.00	32.25 1.58 -0.11	35.25 0.99 -15.58	33.70 1.35 -5.24	38.23 0.88 -19.26	49.75 0.60 -36.87	72.81 1.45 -42.37	53.24 2.27 -5.45	53.03 1.35 -24.32	45.90 1.32 -17.14	37.85 1.33 -7.95	37.94 1.47 -5.93	45.25 1.22 -22.23
V_F_30_SYNC_DSASP 323786	31.34 0.65 -5.28	30.31 0.77 -0.61	28.97 0.73 0.00	31.40 0.64 0.00	31.13 0.68 0.00	32.26 0.72 -0.81	41.50 0.61 -14.02	42.39 0.58 -16.03	27.47 0.64 -2.93	30.48 0.76 -0.07	32.52 0.67 0.00	30.85 0.77 0.00	31.44 0.77 -0.11	34.42 0.48 -15.27	32.95 0.71 -5.14	37.50 0.45 -18.96	48.70 0.30 -36.12	71.21 0.70 -41.53	52.01 1.14 -5.34	51.90 0.69 -23.84	44.94 0.69 -16.81	37.10 0.74 -7.79	37.13 0.77 -5.81	44.13 0.53 -21.80
V_XM_10_SYNC_DSASP 323789	25.21 -0.37 -0.18	28.48 -0.46 -0.02	27.96 -0.29 0.00	31.12 0.36 0.00	30.81 0.37 0.00	30.48 -0.28 -0.03	27.09 -0.25 -0.47	26.06 -0.26 -0.54	23.21 -0.79 -0.10	28.51 -1.14 0.00	30.77 -1.08 0.00	28.54 -1.54 0.00	29.31 -1.25 0.00	18.26 -0.93 -0.51	26.25 -1.03 -0.17	18.20 -0.46 -0.57	13.30 -0.19 -1.22	29.33 -1.05 -1.40	43.52 -2.18 -0.18	27.33 -0.84 -0.80	27.50 -0.50 -0.57	28.28 -0.55 -0.26	30.20 -0.54 -0.20	22.27 -0.26 -0.73
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	30.65 1.03 -4.21	30.57 1.17 -0.49	29.34 1.11 0.00	31.90 1.14 0.00	31.55 1.10 0.00	32.61 1.24 -0.64	39.24 1.20 -11.17	39.71 1.16 -12.77	27.32 1.09 -2.34	31.10 1.39 -0.06	33.37 1.52 0.00	31.43 1.35 0.00	32.00 1.36 -0.08	31.64 0.80 -12.16	32.37 1.17 -4.09	17.73 0.73 1.09	41.54 0.49 -28.77	63.42 1.36 -33.08	51.99 2.21 -4.26	47.66 1.29 -19.00	42.11 1.28 -13.39	36.02 1.24 -6.21	36.54 1.36 -4.63	40.08 0.92 -17.37
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	30.81 1.06 -4.35	30.60 1.17 -0.51	29.33 1.09 0.00	31.88 1.13 0.00	31.53 1.09 0.00	32.62 1.23 -0.67	39.58 1.18 -11.53	40.09 1.13 -13.18	27.40 1.09 -2.41	31.14 1.43 -0.06	33.43 1.59 0.00	31.50 1.42 0.00	32.09 1.45 -0.09	32.09 0.86 -12.55	32.57 1.25 -4.22	42.13 0.78 -23.26	42.48 0.51 -29.70	64.47 1.35 -34.15	52.12 2.20 -4.40	48.28 1.30 -19.61	42.58 1.32 -13.82	36.29 1.31 -6.41	36.74 1.41 -4.78	40.65 0.92 -17.93
W50THST__13_KV_LOAD 356117	31.01 1.26 -4.35	30.82 1.39 -0.51	29.55 1.30 0.00	32.11 1.35 0.00	31.76 1.31 0.00	32.85 1.45 -0.67	39.79 1.38 -11.53	40.28 1.33 -13.18	27.59 1.27 -2.41	31.37 1.67 -0.06	33.70 1.85 0.00	31.76 1.68 0.00	32.34 1.70 -0.09	32.24 1.01 -12.55	32.79 1.46 -4.22	42.27 0.92 -23.26	42.58 0.60 -29.70	64.71 1.58 -34.15	52.47 2.55 -4.40	48.50 1.52 -19.61	42.80 1.54 -13.82	36.50 1.52 -6.41	36.97 1.64 -4.78	40.80 1.08 -17.93
WADING RIVER_IC_1 23522	31.82 2.07 -4.34	31.59 2.16 -0.51	30.22 1.98 0.00	32.96 2.20 0.00	32.61 2.16 0.00	33.77 2.37 -0.67	40.76 2.36 -11.54	41.16 2.20 -13.18	28.26 1.95 -2.41	31.94 2.32 0.03	33.90 2.87 0.82	31.82 2.63 0.90	33.55 2.68 -0.31	33.92 1.68 -13.57	33.63 2.30 -4.22	42.84 1.59 -23.16	63.43 1.14 -50.02	83.68 2.91 -51.79	95.29 4.77 -45.00	106.69 2.83 -76.49	73.27 2.80 -43.03	65.25 2.82 -33.87	38.31 2.98 -4.78	41.64 1.91 -17.93
WADING RIVER_IC_2 23547	31.82 2.07 -4.34	31.59 2.16 -0.51	30.22 1.98 0.00	32.96 2.20 0.00	32.61 2.16 0.00	33.77 2.37 -0.67	40.76 2.36 -11.54	41.16 2.20 -13.18	28.26 1.95 -2.41	31.94 2.32 0.03	33.90 2.87 0.82	31.82 2.63 0.90	33.55 2.68 -0.31	33.92 1.68 -13.57	33.63 2.30 -4.22	42.84 1.59 -23.16	63.43 1.14 -50.02	83.68 2.91 -51.79	95.29 4.77 -45.00	106.69 2.83 -76.49	73.27 2.80 -43.03	65.25 2.82 -33.87	38.31 2.98 -4.78	41.64 1.91 -17.93
WADING RIVER_IC_3 23601	31.82 2.07 -4.34	31.59 2.16 -0.51	30.22 1.98 0.00	32.96 2.20 0.00	32.61 2.16 0.00	33.77 2.37 -0.67	40.76 2.36 -11.54	41.16 2.20 -13.18	28.26 1.95 -2.41	31.94 2.32 0.03	33.90 2.87 0.82	31.82 2.63 0.90	33.55 2.68 -0.31	33.92 1.68 -13.57	33.63 2.30 -4.22	42.84 1.59 -23.16	63.43 1.14 -50.02	83.68 2.91 -51.79	95.29 4.77 -45.00	106.69 2.83 -76.49	73.27 2.80 -43.03	65.25 2.82 -33.87	38.31 2.98 -4.78	41.64 1.91 -17.93
WALDENNY_12_KV_BK2 80841	26.14 -0.45 -1.17	28.68 -0.38 -0.14	27.98 -0.27 0.00	30.62 -0.13 0.00	30.23 -0.21 0.00	30.58 -0.33 -0.18	29.49 -0.49 -3.11	28.68 -0.66 -3.56	23.84 -0.71 -0.65	29.07 -0.60 -0.02	31.35 -0.50 0.00	29.56 -0.52 0.00	30.08 -0.50 -0.02	21.59 -0.48 -3.39	27.59 -0.66 -1.14	21.37 -0.51 -3.78	19.98 -0.32 -8.02	37.43 -0.77 -9.22	45.75 -0.96 -1.19	31.95 -0.71 -5.29	30.43 -0.73 -3.73	29.42 -0.88 -1.73	30.82 -1.02 -1.29	25.95 -0.68 -4.84
WALDEN__HYDRO 24148	30.78 1.11 -4.25	30.67 1.25 -0.49	29.44 1.19 0.00	32.00 1.24 0.00	31.65 1.21 0.00	32.71 1.33 -0.65	39.42 1.27 -11.29	39.91 1.23 -12.90	27.39 1.13 -2.36	31.09 1.39 -0.06	33.31 1.46 0.00	31.40 1.32 0.00	31.94 1.29 -0.09	31.72 0.76 -12.29	32.35 1.11 -4.13	29.31 0.76 -10.46	41.90 0.55 -29.07	63.89 1.49 -33.42	52.27 2.44 -4.30	48.00 1.44 -19.19	42.40 1.43 -13.53	36.25 1.41 -6.27	36.73 1.50 -4.68	40.35 1.01 -17.55
WARRENSBURG____ 23737	32.55 1.74 -5.40	31.54 1.99 -0.63	29.94 1.70 0.00	32.85 2.09 0.00	32.53 2.08 0.00	33.75 2.19 -0.83	43.16 1.95 -14.34	44.13 1.95 -16.39	28.56 1.66 -3.00	31.60 1.88 -0.07	33.67 1.82 0.00	31.83 1.75 0.00	32.39 1.72 -0.11	35.34 1.04 -15.63	33.46 1.10 -5.26	38.00 0.61 -19.29	49.68 0.43 -36.97	72.52 1.05 -42.50	52.56 1.57 -5.47	52.67 0.91 -24.38	45.54 0.91 -17.19	37.39 0.86 -7.97	37.56 1.07 -5.94	45.47 1.38 -22.29



WATERSIDE___6 8 9 23538	30.85 1.10 -4.35	30.65 1.22 -0.51	29.38 1.14 0.00	31.95 1.19 0.00	31.58 1.13 0.00	32.66 1.27 -0.67	39.61 1.20 -11.53	40.11 1.14 -13.18	27.41 1.10 -2.41	31.16 1.45 -0.06	33.47 1.62 0.00	31.53 1.45 0.00	32.12 1.47 -0.09	32.10 0.88 -12.56	32.60 1.27 -4.22	42.10 0.79 -23.22	42.49 0.51 -29.70	64.50 1.37 -34.15	52.16 2.24 -4.40	48.33 1.35 -19.61	42.62 1.36 -13.83	36.31 1.34 -6.41	36.76 1.44 -4.78	40.68 0.95 -17.93
WATKINRD_115KV_LN8_ILLION 55919	25.78 0.23 -0.14	29.23 0.30 -0.02	28.50 0.27 0.00	31.02 0.27 0.00	30.74 0.29 0.00	31.12 0.37 -0.02	27.63 0.40 -0.37	26.61 0.41 -0.42	24.29 0.32 -0.08	29.96 0.31 0.00	32.09 0.24 0.00	30.32 0.24 0.00	30.85 0.29 0.00	19.33 0.25 -0.40	27.64 0.40 -0.13	18.83 0.29 -0.45	13.42 0.20 -0.94	30.52 0.45 -1.08	46.38 0.72 -0.14	28.42 0.42 -0.62	28.28 0.41 -0.44	29.17 0.40 -0.20	31.12 0.42 -0.15	22.65 0.29 -0.57
WATSON___69_KV_BK 1 55734	31.85 2.10 -4.34	31.61 2.19 -0.51	30.25 2.01 0.00	32.98 2.22 0.00	32.63 2.19 0.00	33.78 2.39 -0.67	40.77 2.37 -11.54	41.19 2.22 -13.18	28.27 1.96 -2.41	32.05 2.40 0.00	34.34 2.96 0.47	32.29 2.72 0.52	34.02 2.75 -0.71	34.33 1.71 -13.95	33.72 2.39 -4.22	42.84 1.59 -23.16	63.15 1.13 -49.75	83.53 2.80 -51.75	94.80 4.58 -44.70	106.28 2.73 -76.18	73.48 2.73 -43.30	65.55 2.73 -34.26	38.26 2.93 -4.78	41.63 1.90 -17.93
WDELAWARE___HYD 323627	30.14 0.73 -4.00	30.18 0.79 -0.46	29.00 0.75 0.00	31.53 0.77 0.00	31.20 0.76 0.00	32.22 0.87 -0.61	38.38 0.89 -10.62	38.79 0.87 -12.14	26.91 0.79 -2.22	30.66 0.96 -0.05	32.89 1.04 0.00	30.93 0.84 0.00	31.42 0.78 -0.08	30.69 0.45 -11.57	31.68 0.68 -3.89	29.12 0.51 -10.51	40.02 0.38 -27.36	61.58 1.14 -31.45	51.46 1.89 -4.05	46.54 1.11 -18.06	41.24 1.07 -12.73	35.52 1.05 -5.90	36.08 1.13 -4.40	39.03 0.72 -16.52
WEST BABYLON___IC 23714	31.74 1.99 -4.35	31.50 2.08 -0.51	30.14 1.90 0.00	32.85 2.09 0.00	32.51 2.06 0.00	33.65 2.25 -0.67	40.63 2.22 -11.54	41.06 2.10 -13.19	28.16 1.85 -2.41	31.99 2.28 -0.06	34.86 2.84 -0.17	32.87 2.60 -0.19	34.62 2.63 -1.43	34.95 1.63 -14.64	33.60 2.26 -4.23	42.75 1.49 -23.16	62.47 1.05 -49.14	83.26 2.64 -51.65	93.83 4.32 -43.99	105.36 2.58 -75.41	73.86 2.56 -43.87	66.19 2.55 -35.07	38.09 2.76 -4.78	41.52 1.79 -17.93
WEST CANADA___HYD 24049	25.56 0.02 -0.14	28.96 0.02 -0.02	28.27 0.03 0.00	30.81 0.05 0.00	30.49 0.05 0.00	30.78 0.03 -0.02	27.26 0.03 -0.37	26.24 0.04 -0.42	24.00 0.02 -0.08	29.68 0.03 0.00	31.88 0.03 0.00	30.11 0.03 0.00	30.59 0.03 0.00	19.09 0.02 -0.40	27.29 0.05 -0.13	18.56 0.03 -0.45	13.23 0.01 -0.94	30.07 0.01 -1.08	45.66 0.00 -0.14	27.99 0.00 -0.62	27.89 0.01 -0.44	28.78 0.01 -0.20	30.71 0.01 -0.15	22.37 0.01 -0.57
WESTERN_NY_WIND 24143	26.57 0.08 -1.09	29.24 0.19 -0.13	28.48 0.25 0.00	31.16 0.40 0.00	30.79 0.34 0.00	31.14 0.24 -0.17	29.73 -0.02 -2.88	28.90 -0.18 -3.29	24.23 -0.27 -0.60	29.44 -0.23 -0.01	31.79 -0.06 0.00	29.93 -0.15 0.00	30.51 -0.07 -0.02	21.62 -0.19 -3.14	27.95 -0.21 -1.06	21.39 -0.20 -3.50	19.63 -0.06 -7.42	37.41 -0.10 -8.53	46.74 0.13 -1.10	32.23 -0.04 -4.90	30.84 -0.05 -3.45	29.99 -0.18 -1.60	31.44 -0.31 -1.19	26.07 -0.20 -4.48
WESTOVER___LESR 323668	27.43 0.15 -1.87	29.35 0.21 -0.22	28.46 0.22 0.00	31.04 0.29 0.00	30.70 0.26 0.00	31.29 0.27 -0.29	32.11 0.29 -4.95	31.67 0.23 -5.66	25.17 0.23 -1.04	30.00 0.33 -0.03	32.23 0.38 0.00	30.45 0.37 0.00	30.84 0.24 -0.04	24.18 0.12 -5.39	29.14 0.23 -1.81	24.26 0.16 -6.02	25.14 0.11 -12.75	43.96 0.32 -14.66	47.85 0.44 -1.89	35.97 0.18 -8.42	33.52 0.15 -5.93	31.42 0.10 -2.75	32.72 0.12 -2.05	29.57 0.08 -7.70
WETHRSFD_WT_PWR 323626	26.13 -0.55 -1.28	28.57 -0.50 -0.15	27.88 -0.36 0.00	30.50 -0.26 0.00	30.15 -0.30 0.00	30.57 -0.35 -0.20	29.88 -0.38 -3.39	29.14 -0.51 -3.87	24.07 -0.54 -0.71	29.20 -0.47 -0.02	31.42 -0.43 0.00	29.62 -0.46 0.00	30.10 -0.48 -0.03	21.94 -0.42 -3.69	27.81 -0.53 -1.24	21.83 -0.38 -4.12	20.78 -0.23 -8.73	38.46 -0.55 -10.04	46.03 -0.79 -1.29	32.41 -0.72 -5.76	30.69 -0.82 -4.06	29.47 -0.98 -1.88	30.88 -1.07 -1.41	26.34 -0.72 -5.27
WHAVSTOR_138KV_BK127 55557	30.56 0.94 -4.21	30.46 1.05 -0.49	29.23 0.99 0.00	31.78 1.02 0.00	31.43 0.99 0.00	32.49 1.12 -0.65	39.15 1.10 -11.18	39.61 1.05 -12.78	27.22 0.99 -2.34	30.97 1.26 -0.06	33.23 1.38 0.00	31.31 1.23 0.00	31.87 1.23 -0.08	31.58 0.73 -12.17	32.26 1.06 -4.10	17.45 0.65 1.29	41.52 0.44 -28.80	63.31 1.22 -33.11	51.78 2.00 -4.26	47.55 1.16 -19.02	42.00 1.15 -13.41	35.90 1.12 -6.21	36.41 1.23 -4.63	40.01 0.83 -17.39
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	30.56 0.94 -4.21	30.46 1.05 -0.49	29.23 0.99 0.00	31.78 1.02 0.00	31.43 0.99 0.00	32.49 1.12 -0.65	39.15 1.10 -11.18	39.61 1.05 -12.78	27.22 0.99 -2.34	30.97 1.26 -0.06	33.23 1.38 0.00	31.31 1.23 0.00	31.87 1.23 -0.08	31.58 0.73 -12.17	32.26 1.06 -4.10	17.45 0.65 1.29	41.52 0.44 -28.80	63.31 1.22 -33.11	51.78 2.00 -4.26	47.55 1.16 -19.02	42.00 1.15 -13.41	35.90 1.12 -6.21	36.41 1.23 -4.63	40.01 0.83 -17.39
WHITEHAL_115KV_TB1 80871	33.08 2.28 -5.40	31.97 2.42 -0.62	30.32 2.08 0.00	33.33 2.57 0.00	33.09 2.64 0.00	34.38 2.82 -0.83	43.63 2.44 -14.32	44.67 2.52 -16.37	28.82 1.93 -2.99	31.94 2.21 -0.07	34.19 2.33 0.00	32.23 2.15 0.00	33.00 2.34 -0.11	35.87 1.59 -15.61	34.42 2.06 -5.25	38.69 1.32 -19.28	50.15 0.95 -36.92	73.59 2.17 -42.44	54.23 3.25 -5.46	53.63 1.91 -24.35	46.49 1.89 -17.17	38.38 1.86 -7.96	38.53 2.05 -5.94	45.72 1.66 -22.27
WHITEPLN_13_KV_LOAD 356215	31.02 1.28 -4.34	30.85 1.43 -0.51	29.59 1.35 0.00	32.17 1.41 0.00	31.81 1.37 0.00	32.90 1.50 -0.67	39.81 1.43 -11.52	40.32 1.38 -13.16	27.61 1.31 -2.41	31.39 1.69 -0.06	33.70 1.85 0.00	31.77 1.68 0.00	32.35 1.71 -0.09	32.23 1.03 -12.53	32.81 1.49 -4.22	42.89 0.95 -23.85	42.56 0.63 -29.65	64.75 1.68 -34.09	52.64 2.73 -4.39	48.57 1.62 -19.58	42.85 1.61 -13.80	36.56 1.59 -6.40	37.05 1.73 -4.77	40.85 1.15 -17.90
WM_FLOYD_69_KV_BK2 356380	31.80 2.05 -4.34	31.54 2.11 -0.51	30.17 1.93 0.00	32.91 2.15 0.00	32.56 2.11 0.00	33.72 2.32 -0.67	40.72 2.31 -11.54	41.13 2.17 -13.18	28.21 1.90 -2.41	31.89 2.27 0.03	33.83 2.78 0.80	31.76 2.56 0.88	33.49 2.59 -0.34	33.90 1.63 -13.60	33.61 2.28 -4.22	42.80 1.55 -23.16	63.39 1.12 -50.00	83.63 2.86 -51.79	95.18 4.67 -44.98	106.60 2.76 -76.47	73.23 2.75 -43.05	65.22 2.76 -33.89	38.26 2.93 -4.78	41.60 1.87 -17.93
WOODARD__115KV_TB2 355635	26.00 -0.25 -0.84	28.73 -0.29 -0.10	27.96 -0.28 0.00	30.47 -0.29 0.00	30.16 -0.29 0.00	30.55 -0.30 -0.13	28.81 -0.28 -2.22	28.04 -0.27 -2.54	24.13 -0.23 -0.46	29.39 -0.27 -0.01	31.56 -0.29 0.00	29.83 -0.25 0.00	30.29 -0.29 -0.02	20.92 -0.18 -2.42	27.65 -0.27 -0.81	20.63 -0.15 -2.70	17.91 -0.09 -5.72	35.35 -0.21 -6.58	46.01 -0.36 -0.85	30.91 -0.23 -3.78	29.85 -0.25 -2.66	29.55 -0.25 -1.24	31.17 -0.30 -0.92	25.03 -0.22 -3.45

YORK__WARBASSE	30.98	30.79	29.52	32.09	31.72	32.82	39.76	40.26	27.56	31.34	33.64	31.69	32.27	32.20	32.71	42.16	42.53	64.61	52.35	48.46	42.76	36.48	36.92	40.79
23770	1.22	1.37	1.28	1.33	1.27	1.42	1.35	1.30	1.25	1.64	1.79	1.61	1.63	0.97	1.38	0.86	0.55	1.48	2.43	1.48	1.50	1.50	1.60	1.06
	-4.35	-0.51	0.00	0.00	0.00	-0.67	-11.53	-13.18	-2.41	-0.06	0.00	0.00	-0.09	-12.56	-4.22	-23.22	-29.70	-34.15	-4.40	-19.61	-13.83	-6.41	-4.78	-17.93