

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

05/13/2026

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	28.35	29.32	29.80	28.35	31.56	32.23	34.90	37.40	38.92	33.65	33.36	33.00	33.48	32.75	35.53	36.10	38.96	40.07	41.94	34.43	38.39	39.41	34.79	33.27
24138	1.40	1.51	1.52	1.46	1.55	1.58	1.71	1.86	1.91	1.77	1.95	2.16	2.30	2.32	2.58	2.63	2.85	2.92	2.82	2.20	2.35	2.05	1.66	1.47
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	28.36	29.31	29.79	28.35	31.58	32.24	34.89	37.38	38.89	33.63	33.32	32.95	33.41	32.69	35.46	36.03	38.86	39.98	41.87	34.43	38.40	39.43	34.83	33.31
24260	1.41	1.51	1.52	1.46	1.57	1.58	1.70	1.84	1.88	1.75	1.91	2.12	2.24	2.26	2.51	2.56	2.75	2.83	2.75	2.19	2.36	2.08	1.70	1.51
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	28.36	29.31	29.79	28.35	31.58	32.24	34.89	37.38	38.89	33.63	33.32	32.95	33.41	32.69	35.46	36.03	38.86	39.98	41.87	34.43	38.40	39.43	34.83	33.31
24261	1.41	1.51	1.52	1.46	1.57	1.58	1.70	1.84	1.88	1.75	1.91	2.12	2.24	2.26	2.51	2.56	2.75	2.83	2.75	2.19	2.36	2.08	1.70	1.51
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	28.17	29.22	29.70	28.37	31.61	32.51	35.12	37.82	39.41	34.02	33.35	32.54	32.70	31.88	34.57	35.13	38.01	39.12	41.20	33.90	38.08	39.30	34.58	33.26
24011	1.22	1.41	1.42	1.48	1.61	1.85	1.94	2.29	2.40	2.15	1.94	1.71	1.53	1.45	1.62	1.65	1.91	1.96	2.08	1.67	2.05	1.94	1.46	1.46
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	28.22	29.29	29.76	28.50	31.74	32.77	35.35	38.11	39.74	34.34	33.66	32.82	32.85	31.98	34.75	35.32	38.28	39.46	41.57	34.16	38.42	39.62	34.78	33.45
23798	1.28	1.49	1.49	1.62	1.74	2.11	2.16	2.57	2.73	2.46	2.25	1.98	1.68	1.55	1.81	1.85	2.17	2.30	2.45	1.92	2.39	2.26	1.65	1.65
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	28.17	29.22	29.70	28.37	31.61	32.51	35.12	37.82	39.41	34.02	33.35	32.54	32.70	31.88	34.57	35.13	38.01	39.12	41.20	33.90	38.08	39.30	34.58	33.26
24028	1.22	1.41	1.42	1.48	1.61	1.85	1.94	2.29	2.40	2.15	1.94	1.71	1.53	1.45	1.62	1.65	1.91	1.96	2.08	1.67	2.05	1.94	1.46	1.46
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	27.90	28.96	29.44	28.00	31.15	31.75	34.22	36.86	38.32	33.12	32.78	32.22	32.47	31.65	34.07	34.58	37.44	38.33	40.34	33.25	37.33	38.59	34.16	32.84
23527	0.95	1.15	1.16	1.12	1.14	1.09	1.04	1.32	1.31	1.25	1.37	1.39	1.30	1.22	1.12	1.11	1.34	1.18	1.22	1.01	1.30	1.23	1.04	1.04
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	27.22	28.19	28.68	27.29	30.42	30.99	33.30	35.74	37.17	32.13	31.76	31.21	31.58	30.88	33.34	33.85	36.55	37.36	39.29	32.37	36.24	37.46	33.33	32.13
24190	0.27	0.39	0.40	0.40	0.41	0.34	0.12	0.20	0.16	0.26	0.35	0.38	0.40	0.45	0.40	0.38	0.45	0.21	0.17	0.14	0.20	0.10	0.21	0.33
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	27.04	27.82	28.32	26.90	30.03	30.86	33.53	35.95	37.43	32.20	31.65	31.01	31.40	30.61	33.14	33.70	36.32	37.36	39.33	32.42	36.23	37.54	33.25	31.92
355683	0.09	0.01	0.04	0.01	0.02	0.19	0.34	0.41	0.42	0.32	0.24	0.18	0.22	0.18	0.19	0.22	0.21	0.21	0.21	0.18	0.20	0.18	0.12	0.12
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	27.67	28.64	29.13	27.71	30.91	31.52	33.97	36.42	37.86	32.70	32.25	31.56	31.91	31.26	33.88	34.41	37.19	38.10	40.15	33.09	37.03	38.31	33.98	32.68
323833	0.72	0.83	0.85	0.82	0.90	0.86	0.79	0.88	0.85	0.82	0.84	0.73	0.73	0.84	0.93	0.94	1.09	0.94	1.03	0.86	0.99	0.95	0.85	0.87
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	27.66	28.63	29.12	27.71	30.91	31.51	33.97	36.41	37.86	32.69	32.23	31.56	31.90	31.26	33.87	34.41	37.18	38.09	40.13	33.07	37.02	38.29	33.97	32.66
323834	0.72	0.83	0.85	0.82	0.90	0.85	0.78	0.87	0.85	0.81	0.83	0.72	0.73	0.84	0.92	0.94	1.07	0.93	1.01	0.84	0.99	0.93	0.84	0.86
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	27.22	28.19	28.68	27.29	30.42	30.99	33.30	35.74	37.17	32.13	31.76	31.21	31.58	30.88	33.34	33.85	36.55	37.36	39.29	32.37	36.24	37.46	33.33	32.13
23571	0.27	0.39	0.40	0.40	0.41	0.34	0.12	0.20	0.16	0.26	0.35	0.38	0.40	0.45	0.40	0.38	0.45	0.21	0.17	0.14	0.20	0.10	0.21	0.33
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	27.22 0.27 0.00	28.19 0.39 0.00	28.68 0.40 0.00	27.29 0.40 0.00	30.42 0.41 0.00	30.99 0.34 0.00	33.30 0.12 0.00	35.74 0.20 0.00	37.17 0.16 0.00	32.13 0.26 0.00	31.76 0.35 0.00	31.21 0.38 0.00	31.58 0.40 0.00	30.88 0.45 0.00	33.34 0.40 0.00	33.85 0.38 0.00	36.55 0.45 0.00	37.36 0.21 0.00	39.29 0.17 0.00	32.37 0.14 0.00	36.24 0.20 0.00	37.46 0.10 0.00	33.33 0.21 0.00	32.13 0.33 0.00
ALBANY___3 23573	27.22 0.27 0.00	28.19 0.39 0.00	28.68 0.40 0.00	27.29 0.40 0.00	30.42 0.41 0.00	30.99 0.34 0.00	33.30 0.12 0.00	35.74 0.20 0.00	37.17 0.16 0.00	32.13 0.26 0.00	31.76 0.35 0.00	31.21 0.38 0.00	31.58 0.40 0.00	30.88 0.45 0.00	33.34 0.40 0.00	33.85 0.38 0.00	36.55 0.45 0.00	37.36 0.21 0.00	39.29 0.17 0.00	32.37 0.14 0.00	36.24 0.20 0.00	37.46 0.10 0.00	33.33 0.21 0.00	32.13 0.33 0.00
ALBANY___4 23574	27.22 0.27 0.00	28.19 0.39 0.00	28.68 0.40 0.00	27.29 0.40 0.00	30.42 0.41 0.00	30.99 0.34 0.00	33.30 0.12 0.00	35.74 0.20 0.00	37.17 0.16 0.00	32.13 0.26 0.00	31.76 0.35 0.00	31.21 0.38 0.00	31.58 0.40 0.00	30.88 0.45 0.00	33.34 0.40 0.00	33.85 0.38 0.00	36.55 0.45 0.00	37.36 0.21 0.00	39.29 0.17 0.00	32.37 0.14 0.00	36.24 0.20 0.00	37.46 0.10 0.00	33.33 0.21 0.00	32.13 0.33 0.00
ALBANY___LFGE 323615	27.43 0.48 0.00	28.41 0.60 0.00	28.90 0.62 0.00	27.49 0.60 0.00	30.65 0.64 0.00	31.25 0.59 0.00	33.61 0.43 0.00	36.09 0.55 0.00	37.54 0.53 0.00	32.45 0.58 0.00	32.08 0.67 0.00	31.51 0.68 0.00	31.90 0.72 0.00	31.19 0.76 0.00	33.70 0.75 0.00	34.20 0.73 0.00	36.92 0.82 0.00	37.76 0.60 0.00	39.72 0.60 0.00	32.71 0.48 0.00	36.63 0.59 0.00	37.86 0.50 0.00	33.64 0.52 0.00	32.39 0.59 0.00
ALCOA_PA_115KV_PL-6C 55860	27.06 0.11 0.00	27.84 0.04 0.00	28.34 0.07 0.00	26.92 0.03 0.00	30.04 0.04 0.00	30.87 0.20 0.00	33.55 0.37 0.00	35.96 0.43 0.00	37.45 0.44 0.00	32.21 0.33 0.00	31.64 0.23 0.00	31.00 0.17 0.00	31.31 0.13 0.00	30.58 0.15 0.00	33.15 0.20 0.00	33.67 0.19 0.00	36.28 0.18 0.00	37.34 0.19 0.00	39.33 0.21 0.00	32.42 0.18 0.00	36.22 0.18 0.00	37.52 0.16 0.00	33.24 0.11 0.00	31.92 0.12 0.00
ALCOA_RYNLDS___DRP 24188	27.06 0.11 0.00	27.84 0.04 0.00	28.34 0.07 0.00	26.92 0.03 0.00	30.04 0.04 0.00	30.87 0.20 0.00	33.55 0.37 0.00	35.96 0.42 0.00	37.45 0.44 0.00	32.21 0.33 0.00	31.64 0.23 0.00	31.00 0.17 0.00	31.30 0.13 0.00	30.59 0.16 0.00	33.15 0.20 0.00	33.66 0.19 0.00	36.28 0.18 0.00	37.34 0.19 0.00	39.33 0.21 0.00	32.42 0.18 0.00	36.22 0.18 0.00	37.52 0.16 0.00	33.23 0.11 0.00	31.92 0.12 0.00
ALCOA___DSASP 323711	27.06 0.11 0.00	27.84 0.04 0.00	28.34 0.07 0.00	26.92 0.03 0.00	30.04 0.04 0.00	30.87 0.20 0.00	33.55 0.37 0.00	35.96 0.42 0.00	37.45 0.44 0.00	32.21 0.33 0.00	31.64 0.23 0.00	31.00 0.17 0.00	31.30 0.13 0.00	30.59 0.16 0.00	33.15 0.20 0.00	33.66 0.19 0.00	36.28 0.18 0.00	37.34 0.19 0.00	39.33 0.21 0.00	32.42 0.18 0.00	36.22 0.18 0.00	37.52 0.16 0.00	33.23 0.11 0.00	31.92 0.12 0.00
ALLEGHENY___COGEN 23514	26.94 -0.01 0.00	50.18 -0.43 -22.80	32.05 -0.66 -4.43	51.06 -0.67 -24.84	52.74 -0.77 -23.51	31.61 -0.96 -1.91	34.38 -0.86 -2.05	57.68 -1.11 -23.25	84.69 -1.03 -48.71	76.32 -1.67 -46.12	74.52 -2.12 -45.23	46.68 -1.85 -17.70	30.01 -1.50 -0.33	29.20 -1.88 -0.65	44.17 -2.07 -13.28	35.98 -1.24 -3.74	81.36 -1.94 -47.19	83.18 -1.58 -47.60	91.08 -0.90 -52.86	43.02 -0.72 -11.51	35.48 -0.56 -0.01	42.31 0.61 -4.34	37.80 0.07 -4.61	31.79 -0.01 0.00
ALTAMONT_115KV_TB 2 55880	27.42 0.47 0.00	28.37 0.57 0.00	28.85 0.58 0.00	27.46 0.57 0.00	30.62 0.61 0.00	31.21 0.55 0.00	33.69 0.51 0.00	36.14 0.60 0.00	37.59 0.58 0.00	32.46 0.58 0.00	32.05 0.65 0.00	31.48 0.65 0.00	31.86 0.68 0.00	31.15 0.72 0.00	33.69 0.74 0.00	34.21 0.74 0.00	36.93 0.82 0.00	37.86 0.70 0.00	39.83 0.70 0.00	32.81 0.57 0.00	36.72 0.69 0.00	37.99 0.63 0.00	33.68 0.56 0.00	32.36 0.56 0.00
ALTONA_WT_PWR 323606	27.05 0.10 0.00	27.81 0.00 0.00	28.29 0.01 0.00	26.92 0.03 0.00	30.06 0.05 0.00	30.95 0.29 0.00	33.56 0.37 0.00	36.00 0.46 0.00	37.47 0.46 0.00	32.23 0.36 0.00	31.63 0.23 0.00	30.95 0.12 0.00	31.18 0.01 0.00	30.48 0.05 0.00	33.09 0.14 0.00	33.69 0.21 0.00	36.43 0.33 0.00	37.44 0.29 0.00	39.41 0.29 0.00	32.38 0.14 0.00	36.22 0.18 0.00	37.48 0.12 0.00	33.25 0.12 0.00	32.00 0.20 0.00
AMERICAN_REF_FUEL 24010	24.96 -1.99 0.00	19.01 -2.25 6.54	24.25 -2.75 1.27	17.39 -2.38 7.13	18.89 -2.63 8.49	23.98 -2.83 3.85	29.75 -2.85 0.59	26.00 -2.87 6.67	20.75 -2.29 13.96	15.74 -2.50 13.63	16.13 -2.33 12.94	23.55 -2.28 5.00	28.69 -2.40 0.09	27.84 -2.41 0.18	26.82 -2.38 3.75	29.63 -2.78 1.06	20.04 -2.71 13.35	21.08 -2.67 13.40	21.57 -2.68 14.87	26.31 -2.69 3.24	32.77 -3.26 0.00	33.49 -2.65 1.22	29.44 -2.39 1.30	29.60 -2.20 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	24.91 -2.04 0.00	17.71 -2.40 7.69	24.22 -2.56 1.50	16.04 -2.48 8.38	17.16 -2.84 10.01	23.22 -2.86 4.57	29.95 -2.55 0.69	24.99 -2.71 7.85	18.23 -2.35 16.42	13.26 -2.57 16.04	14.21 -1.98 15.22	23.35 -1.60 5.88	29.54 -1.53 0.11	28.49 -1.73 0.21	26.95 -1.58 4.41	30.03 -2.19 1.25	18.28 -2.12 15.70	19.74 -2.12 15.92	20.10 -1.34 17.68	27.15 -1.24 3.85	34.58 -1.45 0.00	34.86 -1.05 1.45	30.37 -1.22 1.54	30.57 -1.23 0.00
ARTHUR KILL_GT_1 23520	28.42 1.48 0.00	29.46 1.65 0.00	29.96 1.69 0.00	28.50 1.61 0.00	31.76 1.76 0.00	32.43 1.76 0.00	35.07 1.89 0.00	37.50 1.96 0.00	39.04 2.03 0.00	33.67 1.80 0.00	33.32 1.91 0.00	32.97 2.14 0.00	33.43 2.25 0.00	32.72 2.29 0.00	35.51 2.56 0.00	36.13 2.66 0.00	38.94 2.83 0.00	40.04 2.89 0.00	41.89 2.77 0.00	34.35 2.11 0.00	38.34 2.30 0.00	39.41 2.04 0.00	34.76 1.63 0.00	33.26 1.46 0.00
ARTHUR_KILL_2 23512	28.36 1.41 0.00	29.39 1.58 0.00	29.88 1.61 0.00	28.43 1.54 0.00	31.68 1.67 0.00	32.37 1.70 0.00	34.99 1.80 0.00	37.41 1.87 0.00	38.92 1.91 0.00	33.60 1.73 0.00	33.25 1.85 0.00	32.91 2.08 0.00	33.36 2.19 0.00	32.64 2.21 0.00	35.42 2.47 0.00	36.03 2.56 0.00	38.85 2.74 0.00	39.97 2.81 0.00	41.79 2.66 0.00	34.25 2.02 0.00	38.23 2.19 0.00	39.29 1.93 0.00	34.66 1.53 0.00	33.17 1.37 0.00
ARTHUR_KILL_3 23513	28.08 1.13 0.00	29.04 1.23 0.00	29.53 1.25 0.00	28.10 1.21 0.00	31.29 1.28 0.00	31.96 1.30 0.00	34.55 1.36 0.00	36.97 1.43 0.00	38.42 1.41 0.00	33.23 1.36 0.00	32.93 1.52 0.00	32.58 1.74 0.00	33.03 1.85 0.00	32.30 1.87 0.00	35.07 2.12 0.00	35.63 2.16 0.00	38.43 2.33 0.00	39.55 2.40 0.00	41.43 2.31 0.00	34.11 1.88 0.00	38.05 2.02 0.00	39.07 1.71 0.00	34.48 1.36 0.00	32.99 1.19 0.00

ARTHUR_KILL_COGEN 323718	28.42 1.47 0.00	29.46 1.65 0.00	29.96 1.68 0.00	28.49 1.60 0.00	31.75 1.74 0.00	32.44 1.77 0.00	35.07 1.88 0.00	37.50 1.96 0.00	39.02 2.00 0.00	33.67 1.80 0.00	33.31 1.90 0.00	32.97 2.14 0.00	33.42 2.24 0.00	32.70 2.28 0.00	35.51 2.56 0.00	36.12 2.65 0.00	38.93 2.82 0.00	40.04 2.89 0.00	41.89 2.76 0.00	34.35 2.11 0.00	38.33 2.30 0.00	39.40 2.04 0.00	34.75 1.63 0.00	33.26 1.46 0.00
ASHOKAN____ 23654	27.70 0.75 0.00	28.62 0.81 0.00	29.11 0.83 0.00	27.69 0.80 0.00	30.91 0.90 0.00	31.55 0.89 0.00	34.17 0.99 0.00	36.74 1.20 0.00	38.27 1.26 0.00	33.05 1.18 0.00	32.66 1.25 0.00	31.99 1.16 0.00	32.49 1.32 0.00	31.76 1.33 0.00	34.46 1.51 0.00	35.02 1.55 0.00	37.89 1.78 0.00	38.96 1.81 0.00	40.98 1.86 0.00	33.75 1.52 0.00	37.75 1.72 0.00	38.88 1.52 0.00	34.32 1.20 0.00	32.84 1.04 0.00
ASTORIA_EAST_ENERGY_CC1 323581	28.20 1.25 0.00	29.16 1.35 0.00	29.58 1.30 0.00	28.15 1.26 0.00	31.39 1.38 0.00	32.13 1.47 0.00	34.61 1.42 0.00	37.09 1.55 0.00	38.55 1.53 0.00	33.47 1.59 0.00	33.04 1.63 0.00	32.69 1.85 0.00	33.13 1.95 0.00	32.41 1.99 0.00	35.01 2.06 0.00	35.65 2.18 0.00	38.43 2.32 0.00	39.58 2.43 0.00	41.43 2.31 0.00	34.12 1.89 0.00	38.07 2.04 0.00	39.18 1.82 0.00	34.58 1.45 0.00	33.13 1.33 0.00
ASTORIA_EAST_ENERGY_CC2 323582	28.20 1.25 0.00	29.15 1.34 0.00	29.58 1.30 0.00	28.15 1.26 0.00	31.39 1.38 0.00	32.13 1.47 0.00	34.61 1.42 0.00	37.09 1.55 0.00	38.55 1.53 0.00	33.47 1.59 0.00	33.04 1.63 0.00	32.69 1.85 0.00	33.13 1.95 0.00	32.41 1.99 0.00	35.01 2.06 0.00	35.65 2.18 0.00	38.43 2.32 0.00	39.58 2.43 0.00	41.43 2.31 0.00	34.12 1.89 0.00	38.07 2.04 0.00	39.18 1.82 0.00	34.58 1.45 0.00	33.13 1.33 0.00
ASTORIA_GT2_1 24094	28.21 1.26 0.00	29.16 1.35 0.00	29.58 1.31 0.00	28.17 1.27 0.00	31.41 1.40 0.00	32.12 1.46 0.00	34.63 1.44 0.00	37.10 1.56 0.00	38.60 1.59 0.00	33.48 1.61 0.00	33.05 1.65 0.00	32.70 1.87 0.00	33.15 1.97 0.00	32.45 2.02 0.00	35.04 2.09 0.00	35.68 2.21 0.00	38.45 2.34 0.00	39.61 2.45 0.00	41.46 2.34 0.00	34.16 1.92 0.00	38.09 2.05 0.00	39.19 1.83 0.00	34.60 1.48 0.00	33.14 1.34 0.00
ASTORIA_GT2_2 24095	28.21 1.26 0.00	29.16 1.35 0.00	29.58 1.31 0.00	28.17 1.27 0.00	31.41 1.40 0.00	32.12 1.46 0.00	34.63 1.44 0.00	37.10 1.56 0.00	38.60 1.59 0.00	33.48 1.61 0.00	33.05 1.65 0.00	32.70 1.87 0.00	33.15 1.97 0.00	32.45 2.02 0.00	35.04 2.09 0.00	35.68 2.21 0.00	38.45 2.34 0.00	39.61 2.45 0.00	41.46 2.34 0.00	34.16 1.92 0.00	38.09 2.05 0.00	39.19 1.83 0.00	34.60 1.48 0.00	33.14 1.34 0.00
ASTORIA_GT2_3 24096	28.21 1.26 0.00	29.16 1.35 0.00	29.58 1.31 0.00	28.17 1.27 0.00	31.41 1.40 0.00	32.12 1.46 0.00	34.63 1.44 0.00	37.10 1.56 0.00	38.60 1.59 0.00	33.48 1.61 0.00	33.05 1.65 0.00	32.70 1.87 0.00	33.15 1.97 0.00	32.45 2.02 0.00	35.04 2.09 0.00	35.68 2.21 0.00	38.45 2.34 0.00	39.61 2.45 0.00	41.46 2.34 0.00	34.16 1.92 0.00	38.09 2.05 0.00	39.19 1.83 0.00	34.60 1.48 0.00	33.14 1.34 0.00
ASTORIA_GT2_4 24097	28.21 1.26 0.00	29.16 1.35 0.00	29.58 1.31 0.00	28.17 1.27 0.00	31.41 1.40 0.00	32.12 1.46 0.00	34.63 1.44 0.00	37.10 1.56 0.00	38.60 1.59 0.00	33.48 1.61 0.00	33.05 1.65 0.00	32.70 1.87 0.00	33.15 1.97 0.00	32.45 2.02 0.00	35.04 2.09 0.00	35.68 2.21 0.00	38.45 2.34 0.00	39.61 2.45 0.00	41.46 2.34 0.00	34.16 1.92 0.00	38.09 2.05 0.00	39.19 1.83 0.00	34.60 1.48 0.00	33.14 1.34 0.00
ASTORIA_GT3_1 24098	28.21 1.26 0.00	29.16 1.35 0.00	29.58 1.31 0.00	28.17 1.27 0.00	31.41 1.40 0.00	32.12 1.46 0.00	34.63 1.44 0.00	37.10 1.56 0.00	38.60 1.59 0.00	33.48 1.61 0.00	33.05 1.65 0.00	32.70 1.87 0.00	33.15 1.97 0.00	32.45 2.02 0.00	35.04 2.09 0.00	35.68 2.21 0.00	38.45 2.34 0.00	39.61 2.45 0.00	41.46 2.34 0.00	34.16 1.92 0.00	38.09 2.05 0.00	39.19 1.83 0.00	34.60 1.48 0.00	33.14 1.34 0.00
ASTORIA_GT3_2 24099	28.21 1.26 0.00	29.16 1.35 0.00	29.58 1.31 0.00	28.17 1.27 0.00	31.41 1.40 0.00	32.12 1.46 0.00	34.63 1.44 0.00	37.10 1.56 0.00	38.60 1.59 0.00	33.48 1.61 0.00	33.05 1.65 0.00	32.70 1.87 0.00	33.15 1.97 0.00	32.45 2.02 0.00	35.04 2.09 0.00	35.68 2.21 0.00	38.45 2.34 0.00	39.61 2.45 0.00	41.46 2.34 0.00	34.16 1.92 0.00	38.09 2.05 0.00	39.19 1.83 0.00	34.60 1.48 0.00	33.14 1.34 0.00
ASTORIA_GT3_3 24100	28.21 1.26 0.00	29.16 1.35 0.00	29.58 1.31 0.00	28.17 1.27 0.00	31.41 1.40 0.00	32.12 1.46 0.00	34.63 1.44 0.00	37.10 1.56 0.00	38.60 1.59 0.00	33.48 1.61 0.00	33.05 1.65 0.00	32.70 1.87 0.00	33.15 1.97 0.00	32.45 2.02 0.00	35.04 2.09 0.00	35.68 2.21 0.00	38.45 2.34 0.00	39.61 2.45 0.00	41.46 2.34 0.00	34.16 1.92 0.00	38.09 2.05 0.00	39.19 1.83 0.00	34.60 1.48 0.00	33.14 1.34 0.00
ASTORIA_GT3_4 24101	28.21 1.26 0.00	29.16 1.35 0.00	29.58 1.31 0.00	28.17 1.27 0.00	31.41 1.40 0.00	32.12 1.46 0.00	34.63 1.44 0.00	37.10 1.56 0.00	38.60 1.59 0.00	33.48 1.61 0.00	33.05 1.65 0.00	32.70 1.87 0.00	33.15 1.97 0.00	32.45 2.02 0.00	35.04 2.09 0.00	35.68 2.21 0.00	38.45 2.34 0.00	39.61 2.45 0.00	41.46 2.34 0.00	34.16 1.92 0.00	38.09 2.05 0.00	39.19 1.83 0.00	34.60 1.48 0.00	33.14 1.34 0.00
ASTORIA_GT4_1 24102	28.21 1.26 0.00	29.16 1.35 0.00	29.58 1.31 0.00	28.17 1.27 0.00	31.41 1.40 0.00	32.12 1.46 0.00	34.63 1.44 0.00	37.10 1.56 0.00	38.60 1.59 0.00	33.48 1.61 0.00	33.05 1.65 0.00	32.70 1.87 0.00	33.15 1.97 0.00	32.45 2.02 0.00	35.04 2.09 0.00	35.68 2.21 0.00	38.45 2.34 0.00	39.61 2.45 0.00	41.46 2.34 0.00	34.16 1.92 0.00	38.09 2.05 0.00	39.19 1.83 0.00	34.60 1.48 0.00	33.14 1.34 0.00
ASTORIA_GT4_2 24103	28.21 1.26 0.00	29.16 1.35 0.00	29.58 1.31 0.00	28.17 1.27 0.00	31.41 1.40 0.00	32.12 1.46 0.00	34.63 1.44 0.00	37.10 1.56 0.00	38.60 1.59 0.00	33.48 1.61 0.00	33.05 1.65 0.00	32.70 1.87 0.00	33.15 1.97 0.00	32.45 2.02 0.00	35.04 2.09 0.00	35.68 2.21 0.00	38.45 2.34 0.00	39.61 2.45 0.00	41.46 2.34 0.00	34.16 1.92 0.00	38.09 2.05 0.00	39.19 1.83 0.00	34.60 1.48 0.00	33.14 1.34 0.00
ASTORIA_GT4_3 24104	28.21 1.26 0.00	29.16 1.35 0.00	29.58 1.31 0.00	28.17 1.27 0.00	31.41 1.40 0.00	32.12 1.46 0.00	34.63 1.44 0.00	37.10 1.56 0.00	38.60 1.59 0.00	33.48 1.61 0.00	33.05 1.65 0.00	32.70 1.87 0.00	33.15 1.97 0.00	32.45 2.02 0.00	35.04 2.09 0.00	35.68 2.21 0.00	38.45 2.34 0.00	39.61 2.45 0.00	41.46 2.34 0.00	34.16 1.92 0.00	38.09 2.05 0.00	39.19 1.83 0.00	34.60 1.48 0.00	33.14 1.34 0.00

ASTORIA_GT4_4 24105	28.21 1.26 0.00	29.16 1.35 0.00	29.58 1.31 0.00	28.17 1.27 0.00	31.41 1.40 0.00	32.12 1.46 0.00	34.63 1.44 0.00	37.10 1.56 0.00	38.60 1.59 0.00	33.48 1.61 0.00	33.05 1.65 0.00	32.70 1.87 0.00	33.15 1.97 0.00	32.45 2.02 0.00	35.04 2.09 0.00	35.68 2.21 0.00	38.45 2.34 0.00	39.61 2.45 0.00	41.46 2.34 0.00	34.16 1.92 0.00	38.09 2.05 0.00	39.19 1.83 0.00	34.60 1.48 0.00	33.14 1.34 0.00
ASTORIA_GT_1 23523	28.25 1.31 0.00	29.21 1.41 0.00	29.64 1.36 0.00	28.21 1.32 0.00	31.45 1.44 0.00	32.17 1.51 0.00	34.70 1.51 0.00	37.18 1.64 0.00	38.68 1.66 0.00	33.54 1.67 0.00	33.12 1.71 0.00	32.77 1.94 0.00	33.22 2.04 0.00	32.52 2.09 0.00	35.11 2.16 0.00	35.75 2.28 0.00	38.53 2.43 0.00	39.69 2.53 0.00	41.55 2.43 0.00	34.23 1.99 0.00	38.16 2.13 0.00	39.27 1.91 0.00	34.67 1.54 0.00	33.20 1.40 0.00
ASTORIA_GT_10 24110	28.21 1.26 0.00	29.18 1.38 0.00	29.65 1.38 0.00	28.20 1.31 0.00	31.40 1.39 0.00	32.07 1.41 0.00	34.64 1.45 0.00	37.11 1.57 0.00	38.62 1.61 0.00	33.41 1.54 0.00	33.08 1.68 0.00	32.73 1.90 0.00	33.18 2.01 0.00	32.47 2.04 0.00	35.17 2.22 0.00	35.76 2.29 0.00	38.56 2.46 0.00	39.68 2.53 0.00	41.53 2.41 0.00	34.12 1.89 0.00	38.05 2.01 0.00	39.13 1.77 0.00	34.54 1.42 0.00	33.06 1.26 0.00
ASTORIA_GT_11 24225	28.21 1.26 0.00	29.18 1.38 0.00	29.65 1.38 0.00	28.20 1.31 0.00	31.40 1.39 0.00	32.07 1.41 0.00	34.64 1.45 0.00	37.11 1.57 0.00	38.62 1.61 0.00	33.41 1.54 0.00	33.08 1.68 0.00	32.73 1.90 0.00	33.18 2.01 0.00	32.47 2.04 0.00	35.17 2.22 0.00	35.76 2.29 0.00	38.56 2.46 0.00	39.68 2.53 0.00	41.53 2.41 0.00	34.12 1.89 0.00	38.05 2.01 0.00	39.13 1.77 0.00	34.54 1.42 0.00	33.06 1.26 0.00
ASTORIA_GT_12 24226	28.21 1.26 0.00	29.18 1.38 0.00	29.65 1.38 0.00	28.20 1.31 0.00	31.40 1.39 0.00	32.07 1.41 0.00	34.64 1.45 0.00	37.11 1.57 0.00	38.62 1.61 0.00	33.41 1.54 0.00	33.08 1.68 0.00	32.73 1.90 0.00	33.18 2.01 0.00	32.47 2.04 0.00	35.17 2.22 0.00	35.76 2.29 0.00	38.56 2.46 0.00	39.68 2.53 0.00	41.53 2.41 0.00	34.12 1.89 0.00	38.05 2.01 0.00	39.13 1.77 0.00	34.54 1.42 0.00	33.06 1.26 0.00
ASTORIA_GT_13 24227	28.21 1.26 0.00	29.18 1.38 0.00	29.65 1.38 0.00	28.20 1.31 0.00	31.40 1.39 0.00	32.07 1.41 0.00	34.64 1.45 0.00	37.11 1.57 0.00	38.62 1.61 0.00	33.41 1.54 0.00	33.08 1.68 0.00	32.73 1.90 0.00	33.18 2.01 0.00	32.47 2.04 0.00	35.17 2.22 0.00	35.76 2.29 0.00	38.56 2.46 0.00	39.68 2.53 0.00	41.53 2.41 0.00	34.12 1.89 0.00	38.05 2.01 0.00	39.13 1.77 0.00	34.54 1.42 0.00	33.06 1.26 0.00
ASTORIA_GT_5 24106	28.25 1.31 0.00	29.21 1.41 0.00	29.64 1.36 0.00	28.21 1.32 0.00	31.45 1.44 0.00	32.17 1.51 0.00	34.70 1.51 0.00	37.18 1.64 0.00	38.68 1.66 0.00	33.54 1.67 0.00	33.12 1.71 0.00	32.77 1.94 0.00	33.22 2.04 0.00	32.52 2.09 0.00	35.11 2.16 0.00	35.75 2.28 0.00	38.53 2.43 0.00	39.69 2.53 0.00	41.55 2.43 0.00	34.23 1.99 0.00	38.16 2.13 0.00	39.27 1.91 0.00	34.67 1.54 0.00	33.20 1.40 0.00
ASTORIA_GT_7 24107	28.25 1.31 0.00	29.21 1.41 0.00	29.64 1.36 0.00	28.21 1.32 0.00	31.45 1.44 0.00	32.17 1.51 0.00	34.70 1.51 0.00	37.18 1.64 0.00	38.68 1.66 0.00	33.54 1.67 0.00	33.12 1.71 0.00	32.77 1.94 0.00	33.22 2.04 0.00	32.52 2.09 0.00	35.11 2.16 0.00	35.75 2.28 0.00	38.53 2.43 0.00	39.69 2.53 0.00	41.55 2.43 0.00	34.23 1.99 0.00	38.16 2.13 0.00	39.27 1.91 0.00	34.67 1.54 0.00	33.20 1.40 0.00
ASTORIA_GT_8 24108	28.25 1.31 0.00	29.21 1.41 0.00	29.64 1.36 0.00	28.21 1.32 0.00	31.45 1.44 0.00	32.17 1.51 0.00	34.70 1.51 0.00	37.18 1.64 0.00	38.68 1.66 0.00	33.54 1.67 0.00	33.12 1.71 0.00	32.77 1.94 0.00	33.22 2.04 0.00	32.52 2.09 0.00	35.11 2.16 0.00	35.75 2.28 0.00	38.53 2.43 0.00	39.69 2.53 0.00	41.55 2.43 0.00	34.23 1.99 0.00	38.16 2.13 0.00	39.27 1.91 0.00	34.67 1.54 0.00	33.20 1.40 0.00
ASTORIA___2 24149	28.21 1.27 0.00	29.16 1.35 0.00	29.58 1.31 0.00	28.16 1.27 0.00	31.40 1.40 0.00	32.14 1.48 0.00	34.62 1.44 0.00	37.10 1.56 0.00	38.58 1.57 0.00	33.48 1.60 0.00	33.05 1.64 0.00	32.70 1.87 0.00	33.14 1.97 0.00	32.43 2.00 0.00	35.03 2.08 0.00	35.67 2.20 0.00	38.44 2.33 0.00	39.60 2.45 0.00	41.45 2.33 0.00	34.14 1.91 0.00	38.09 2.05 0.00	39.19 1.83 0.00	34.59 1.46 0.00	33.14 1.34 0.00
ASTORIA___3 23516	28.21 1.26 0.00	29.17 1.37 0.00	29.65 1.37 0.00	28.20 1.31 0.00	31.39 1.38 0.00	32.08 1.42 0.00	34.64 1.45 0.00	37.11 1.57 0.00	38.59 1.58 0.00	33.40 1.53 0.00	33.07 1.66 0.00	32.73 1.89 0.00	33.18 2.00 0.00	32.45 2.02 0.00	35.17 2.22 0.00	35.75 2.28 0.00	38.56 2.45 0.00	39.67 2.52 0.00	41.51 2.39 0.00	34.11 1.87 0.00	38.05 2.01 0.00	39.12 1.76 0.00	34.54 1.41 0.00	33.06 1.26 0.00
ASTORIA___4 23517	28.21 1.26 0.00	29.18 1.38 0.00	29.65 1.38 0.00	28.20 1.31 0.00	31.40 1.39 0.00	32.07 1.41 0.00	34.64 1.45 0.00	37.11 1.57 0.00	38.62 1.61 0.00	33.41 1.54 0.00	33.08 1.68 0.00	32.72 1.89 0.00	33.18 2.01 0.00	32.47 2.04 0.00	35.17 2.22 0.00	35.76 2.29 0.00	38.56 2.46 0.00	39.68 2.53 0.00	41.53 2.41 0.00	34.12 1.89 0.00	38.05 2.01 0.00	39.13 1.77 0.00	34.54 1.42 0.00	33.06 1.26 0.00
ASTORIA___5 23518	28.21 1.26 0.00	29.17 1.37 0.00	29.65 1.37 0.00	28.20 1.31 0.00	31.39 1.38 0.00	32.08 1.42 0.00	34.64 1.45 0.00	37.11 1.57 0.00	38.59 1.58 0.00	33.40 1.53 0.00	33.07 1.66 0.00	32.73 1.89 0.00	33.18 2.00 0.00	32.45 2.02 0.00	35.17 2.22 0.00	35.75 2.28 0.00	38.56 2.45 0.00	39.68 2.53 0.00	41.51 2.39 0.00	34.11 1.87 0.00	38.05 2.01 0.00	39.12 1.76 0.00	34.54 1.41 0.00	33.06 1.26 0.00
AST_ENERGY_2_CC3 323677	28.18 1.23 0.00	29.13 1.33 0.00	29.62 1.35 0.00	28.19 1.30 0.00	31.38 1.38 0.00	32.05 1.39 0.00	34.65 1.46 0.00	37.10 1.56 0.00	38.57 1.56 0.00	33.36 1.49 0.00	33.05 1.64 0.00	32.68 1.85 0.00	33.14 1.97 0.00	32.40 1.98 0.00	35.17 2.22 0.00	35.73 2.25 0.00	38.54 2.44 0.00	39.66 2.50 0.00	41.52 2.40 0.00	34.16 1.92 0.00	38.10 2.07 0.00	39.15 1.79 0.00	34.57 1.45 0.00	33.09 1.29 0.00
AST_ENERGY_2_CC4 323678	28.18 1.23 0.00	29.13 1.33 0.00	29.62 1.35 0.00	28.19 1.30 0.00	31.38 1.38 0.00	32.05 1.39 0.00	34.65 1.46 0.00	37.10 1.56 0.00	38.57 1.56 0.00	33.36 1.49 0.00	33.05 1.64 0.00	32.68 1.85 0.00	33.14 1.97 0.00	32.40 1.98 0.00	35.17 2.22 0.00	35.73 2.25 0.00	38.54 2.44 0.00	39.66 2.50 0.00	41.52 2.40 0.00	34.16 1.92 0.00	38.10 2.07 0.00	39.15 1.79 0.00	34.57 1.45 0.00	33.09 1.29 0.00

ATHENS_STG_1 23668	27.60 0.65 0.00	28.55 0.75 0.00	29.05 0.78 0.00	27.65 0.76 0.00	30.84 0.83 0.00	31.44 0.78 0.00	33.96 0.77 0.00	36.40 0.86 0.00	37.87 0.86 0.00	32.70 0.82 0.00	32.35 0.94 0.00	31.84 1.01 0.00	32.24 1.06 0.00	31.51 1.08 0.00	34.11 1.16 0.00	34.64 1.17 0.00	37.36 1.26 0.00	38.40 1.25 0.00	40.32 1.20 0.00	33.20 0.96 0.00	37.12 1.08 0.00	38.36 1.00 0.00	33.95 0.83 0.00	32.57 0.77 0.00
ATHENS_STG_2 23670	27.60 0.65 0.00	28.55 0.75 0.00	29.05 0.78 0.00	27.65 0.76 0.00	30.84 0.83 0.00	31.44 0.78 0.00	33.96 0.77 0.00	36.40 0.86 0.00	37.87 0.86 0.00	32.70 0.82 0.00	32.35 0.94 0.00	31.84 1.01 0.00	32.24 1.06 0.00	31.51 1.08 0.00	34.11 1.16 0.00	34.64 1.17 0.00	37.36 1.26 0.00	38.40 1.25 0.00	40.32 1.20 0.00	33.20 0.96 0.00	37.12 1.08 0.00	38.36 1.00 0.00	33.95 0.83 0.00	32.57 0.77 0.00
ATHENS_STG_3 23677	27.60 0.65 0.00	28.55 0.75 0.00	29.05 0.78 0.00	27.65 0.76 0.00	30.84 0.83 0.00	31.44 0.78 0.00	33.96 0.77 0.00	36.40 0.86 0.00	37.87 0.86 0.00	32.70 0.82 0.00	32.35 0.94 0.00	31.84 1.01 0.00	32.24 1.06 0.00	31.51 1.08 0.00	34.11 1.16 0.00	34.64 1.17 0.00	37.36 1.26 0.00	38.40 1.25 0.00	40.32 1.20 0.00	33.20 0.96 0.00	37.12 1.08 0.00	38.36 1.00 0.00	33.95 0.83 0.00	32.57 0.77 0.00
AUBURN___LFGE 323710	26.85 -0.10 0.00	28.63 -0.08 -0.90	28.34 -0.11 -0.17	27.77 -0.10 -0.98	30.52 -0.07 -0.59	30.04 -0.06 0.57	33.18 -0.09 -0.08	36.31 -0.16 -0.93	38.87 -0.09 -1.95	33.65 -0.19 -1.96	33.00 -0.20 -1.80	31.26 -0.28 -0.71	30.80 -0.39 -0.01	29.90 -0.55 -0.03	32.96 -0.52 -0.53	33.09 -0.53 -0.15	37.44 -0.53 -1.87	38.83 -0.23 -1.90	41.13 -0.11 -2.12	32.58 -0.12 -0.46	35.90 -0.13 0.00	37.49 -0.04 -0.18	33.24 -0.07 -0.19	31.84 0.04 0.00
BABYLON_RES_REC 323704	28.53 1.58 0.00	29.43 1.62 0.00	31.84 1.74 -1.82	28.57 1.67 -0.01	31.80 1.79 0.00	32.46 1.79 -0.01	47.96 1.91 -12.87	53.36 2.04 -15.77	54.41 1.93 -15.47	35.58 1.82 -1.89	33.18 1.77 0.00	32.69 1.85 0.00	33.27 2.10 0.00	32.30 1.87 0.00	35.10 2.15 0.00	35.76 2.29 0.00	38.75 2.64 0.00	39.73 2.57 0.00	41.55 2.43 0.00	34.29 2.06 0.00	38.46 2.43 0.00	39.58 2.22 0.00	35.08 1.96 0.00	33.64 1.83 0.00
BALL_HILL_WT_PWR 323825	25.33 -1.61 0.00	17.46 -1.90 8.45	24.42 -2.21 1.64	15.67 -2.01 9.20	16.96 -2.26 10.78	23.62 -2.43 4.62	30.27 -2.16 0.76	24.65 -2.28 8.61	17.15 -1.83 18.03	12.20 -2.11 17.56	12.96 -1.74 16.72	22.87 -1.50 6.46	29.56 -1.49 0.12	28.56 -1.63 0.23	26.59 -1.51 4.85	30.21 -1.89 1.37	16.97 -1.88 17.25	18.12 -1.69 17.35	18.25 -1.61 19.26	26.49 -1.55 4.19	34.19 -1.85 0.00	34.40 -1.38 1.58	30.00 -1.44 1.68	30.41 -1.38 0.00
BARON_WINDS___WT_PWR 323822	25.42 -1.53 0.00	-9.15 -2.02 34.94	19.36 -2.13 6.78	-13.29 -2.12 38.06	-12.96 -2.29 40.68	16.50 -2.42 11.74	27.69 -2.37 3.13	-2.75 -2.72 35.57	-40.04 -2.51 74.54	-42.54 -2.62 71.78	-40.22 -2.36 69.27	2.06 -1.93 26.84	28.74 -1.93 0.51	27.36 -2.09 0.98	10.62 -2.20 20.13	25.52 -2.28 5.68	-37.68 -2.20 71.58	-36.63 -1.77 72.02	-42.50 -1.68 79.95	13.09 -1.74 17.40	34.24 -1.79 0.01	29.32 -1.49 6.56	24.52 -1.64 6.96	30.34 -1.46 0.00
BARRETT_IC_1 23704	28.29 1.34 0.00	29.21 1.40 0.00	31.55 1.55 -1.73	28.43 1.53 -0.01	31.64 1.62 -0.01	32.28 1.61 -0.01	46.95 1.55 -12.21	52.13 1.62 -14.97	53.28 1.59 -14.68	35.26 1.60 -1.79	33.08 1.67 0.00	32.63 1.80 0.00	33.18 2.00 0.00	32.29 1.86 0.00	35.07 2.12 0.00	35.70 2.23 0.00	38.53 2.43 0.00	39.55 2.40 0.00	41.38 2.25 0.00	34.11 1.87 0.00	38.21 2.18 0.00	39.31 1.95 0.00	34.88 1.75 -0.01	33.43 1.62 -0.01
BARRETT_IC_10 23701	28.29 1.34 0.00	29.21 1.40 0.00	31.55 1.55 -1.73	28.43 1.53 -0.01	31.64 1.62 -0.01	32.28 1.61 -0.01	46.95 1.55 -12.21	52.13 1.62 -14.97	53.28 1.59 -14.68	35.26 1.60 -1.79	33.08 1.67 0.00	32.63 1.80 0.00	33.18 2.00 0.00	32.29 1.86 0.00	35.07 2.12 0.00	35.70 2.23 0.00	38.53 2.43 0.00	39.55 2.40 0.00	41.38 2.25 0.00	34.11 1.87 0.00	38.21 2.18 0.00	39.31 1.95 0.00	34.88 1.75 -0.01	33.43 1.62 -0.01
BARRETT_IC_11 23702	28.29 1.34 0.00	29.21 1.40 0.00	31.55 1.55 -1.73	28.43 1.53 -0.01	31.64 1.62 -0.01	32.28 1.61 -0.01	46.95 1.55 -12.21	52.13 1.62 -14.97	53.28 1.59 -14.68	35.26 1.60 -1.79	33.08 1.67 0.00	32.63 1.80 0.00	33.18 2.00 0.00	32.29 1.86 0.00	35.07 2.12 0.00	35.70 2.23 0.00	38.53 2.43 0.00	39.55 2.40 0.00	41.38 2.25 0.00	34.11 1.87 0.00	38.21 2.18 0.00	39.31 1.95 0.00	34.88 1.75 -0.01	33.43 1.62 -0.01
BARRETT_IC_12 23703	28.29 1.34 0.00	29.21 1.40 0.00	31.55 1.55 -1.73	28.43 1.53 -0.01	31.64 1.62 -0.01	32.28 1.61 -0.01	46.95 1.55 -12.21	52.13 1.62 -14.97	53.28 1.59 -14.68	35.26 1.60 -1.79	33.08 1.67 0.00	32.63 1.80 0.00	33.18 2.00 0.00	32.29 1.86 0.00	35.07 2.12 0.00	35.70 2.23 0.00	38.53 2.43 0.00	39.55 2.40 0.00	41.38 2.25 0.00	34.11 1.87 0.00	38.21 2.18 0.00	39.31 1.95 0.00	34.88 1.75 -0.01	33.43 1.62 -0.01
BARRETT_IC_2 23705	28.29 1.34 0.00	29.21 1.40 0.00	31.55 1.55 -1.73	28.43 1.53 -0.01	31.64 1.62 -0.01	32.28 1.61 -0.01	46.95 1.55 -12.21	52.13 1.62 -14.97	53.28 1.59 -14.68	35.26 1.60 -1.79	33.08 1.67 0.00	32.63 1.80 0.00	33.18 2.00 0.00	32.29 1.86 0.00	35.07 2.12 0.00	35.70 2.23 0.00	38.53 2.43 0.00	39.55 2.40 0.00	41.38 2.25 0.00	34.11 1.87 0.00	38.21 2.18 0.00	39.31 1.95 0.00	34.88 1.75 -0.01	33.43 1.62 -0.01
BARRETT_IC_3 23706	28.29 1.34 0.00	29.21 1.40 0.00	31.55 1.55 -1.73	28.43 1.53 -0.01	31.64 1.62 -0.01	32.28 1.61 -0.01	46.95 1.55 -12.21	52.13 1.62 -14.97	53.28 1.59 -14.68	35.26 1.60 -1.79	33.08 1.67 0.00	32.63 1.80 0.00	33.18 2.00 0.00	32.29 1.86 0.00	35.07 2.12 0.00	35.70 2.23 0.00	38.53 2.43 0.00	39.55 2.40 0.00	41.38 2.25 0.00	34.11 1.87 0.00	38.21 2.18 0.00	39.31 1.95 0.00	34.88 1.75 -0.01	33.43 1.62 -0.01
BARRETT_IC_4 23707	28.29 1.34 0.00	29.21 1.40 0.00	31.55 1.55 -1.73	28.43 1.53 -0.01	31.64 1.62 -0.01	32.28 1.61 -0.01	46.95 1.55 -12.21	52.13 1.62 -14.97	53.28 1.59 -14.68	35.26 1.60 -1.79	33.08 1.67 0.00	32.63 1.80 0.00	33.18 2.00 0.00	32.29 1.86 0.00	35.07 2.12 0.00	35.70 2.23 0.00	38.53 2.43 0.00	39.55 2.40 0.00	41.38 2.25 0.00	34.11 1.87 0.00	38.21 2.18 0.00	39.31 1.95 0.00	34.88 1.75 -0.01	33.43 1.62 -0.01
BARRETT_IC_5 23708	28.29 1.34 0.00	29.21 1.40 0.00	31.55 1.55 -1.73	28.43 1.53 -0.01	31.64 1.62 -0.01	32.28 1.61 -0.01	46.95 1.55 -12.21	52.13 1.62 -14.97	53.28 1.59 -14.68	35.26 1.60 -1.79	33.08 1.67 0.00	32.63 1.80 0.00	33.18 2.00 0.00	32.29 1.86 0.00	35.07 2.12 0.00	35.70 2.23 0.00	38.53 2.43 0.00	39.55 2.40 0.00	41.38 2.25 0.00	34.11 1.87 0.00	38.21 2.18 0.00	39.31 1.95 0.00	34.88 1.75 -0.01	33.43 1.62 -0.01

BARRETT_IC_6 23709	28.29 1.34 0.00	29.21 1.40 0.00	31.55 1.55 -1.73	28.43 1.53 -0.01	31.64 1.62 -0.01	32.28 1.61 -0.01	46.95 1.55 -12.21	52.13 1.62 -14.97	53.28 1.59 -14.68	35.26 1.60 -1.79	33.08 1.67 0.00	32.63 1.80 0.00	33.18 2.00 0.00	32.29 1.86 0.00	35.07 2.12 0.00	35.70 2.23 0.00	38.53 2.43 0.00	39.55 2.40 0.00	41.38 2.25 0.00	34.11 1.87 0.00	38.21 2.18 0.00	39.31 1.95 0.00	34.88 1.75 -0.01	33.43 1.62 -0.01
BARRETT_IC_7 23710	28.29 1.34 0.00	29.21 1.41 0.00	31.56 1.55 -1.73	28.44 1.54 -0.01	31.64 1.63 -0.01	32.27 1.60 -0.01	46.95 1.55 -12.21	52.13 1.62 -14.97	53.30 1.61 -14.68	35.27 1.60 -1.79	33.08 1.67 0.00	32.63 1.79 0.00	33.18 2.01 0.00	32.30 1.88 0.00	35.07 2.13 0.00	35.71 2.24 0.00	38.55 2.44 0.00	39.55 2.40 0.00	41.39 2.27 0.00	34.12 1.88 0.00	38.22 2.18 0.00	39.31 1.96 0.00	34.89 1.75 -0.01	33.43 1.62 -0.01
BARRETT_IC_8 23711	28.29 1.34 0.00	29.21 1.40 0.00	31.55 1.55 -1.73	28.43 1.53 -0.01	31.64 1.62 -0.01	32.28 1.61 -0.01	46.95 1.55 -12.21	52.13 1.62 -14.97	53.28 1.59 -14.68	35.26 1.60 -1.79	33.08 1.67 0.00	32.63 1.80 0.00	33.18 2.00 0.00	32.29 1.86 0.00	35.07 2.12 0.00	35.70 2.23 0.00	38.53 2.43 0.00	39.55 2.40 0.00	41.38 2.25 0.00	34.11 1.87 0.00	38.21 2.18 0.00	39.31 1.95 0.00	34.88 1.75 -0.01	33.43 1.62 -0.01
BARRETT_IC_9 23700	28.29 1.34 0.00	29.21 1.40 0.00	31.55 1.55 -1.73	28.43 1.53 -0.01	31.64 1.62 -0.01	32.28 1.61 -0.01	46.95 1.55 -12.21	52.13 1.62 -14.97	53.28 1.59 -14.68	35.26 1.60 -1.79	33.08 1.67 0.00	32.63 1.80 0.00	33.18 2.00 0.00	32.29 1.86 0.00	35.07 2.12 0.00	35.70 2.23 0.00	38.53 2.43 0.00	39.55 2.40 0.00	41.38 2.25 0.00	34.11 1.87 0.00	38.21 2.18 0.00	39.31 1.95 0.00	34.88 1.75 -0.01	33.43 1.62 -0.01
BARRETT___1 23545	28.29 1.34 0.00	29.21 1.40 0.00	31.55 1.55 -1.73	28.43 1.53 -0.01	31.64 1.62 -0.01	32.28 1.61 -0.01	46.95 1.55 -12.21	52.13 1.62 -14.97	53.28 1.59 -14.68	35.26 1.60 -1.79	33.08 1.67 0.00	32.63 1.80 0.00	33.18 2.00 0.00	32.29 1.86 0.00	35.07 2.12 0.00	35.70 2.23 0.00	38.53 2.43 0.00	39.55 2.40 0.00	41.38 2.25 0.00	34.11 1.87 0.00	38.21 2.18 0.00	39.31 1.95 0.00	34.88 1.75 -0.01	33.43 1.62 -0.01
BARRETT___2 23546	28.29 1.34 0.00	29.21 1.40 0.00	31.55 1.55 -1.73	28.43 1.53 -0.01	31.64 1.62 -0.01	32.28 1.61 -0.01	46.95 1.55 -12.21	52.13 1.62 -14.97	53.28 1.59 -14.68	35.26 1.60 -1.79	33.08 1.67 0.00	32.63 1.80 0.00	33.18 2.00 0.00	32.29 1.86 0.00	35.07 2.12 0.00	35.70 2.23 0.00	38.53 2.43 0.00	39.55 2.40 0.00	41.38 2.25 0.00	34.11 1.87 0.00	38.21 2.18 0.00	39.31 1.95 0.00	34.88 1.75 -0.01	33.43 1.62 -0.01
BATAVIA__115KV_TB1 55881	26.11 -0.84 0.00	22.28 -1.11 4.43	25.94 -1.47 0.86	20.82 -1.25 4.82	22.71 -1.34 5.96	26.32 -1.33 3.01	31.64 -1.15 0.40	29.99 -1.04 4.51	26.93 -0.65 9.44	21.36 -1.26 9.26	21.31 -1.35 8.75	26.47 -0.99 3.37	30.04 -1.08 0.06	28.87 -1.43 0.12	29.33 -1.09 2.53	31.66 -1.10 0.71	25.54 -1.56 9.01	26.77 -1.36 9.03	28.14 -0.96 10.02	29.09 -0.96 2.18	34.87 -1.16 0.00	35.87 -0.67 0.82	31.50 -0.75 0.87	31.08 -0.72 0.00
BAYONEEC___CTG1 323682	28.18 1.23 0.00	29.14 1.33 0.00	29.63 1.36 0.00	28.19 1.30 0.00	31.39 1.38 0.00	32.07 1.41 0.00	34.67 1.48 0.00	37.10 1.57 0.00	38.57 1.56 0.00	33.37 1.50 0.00	33.05 1.65 0.00	32.70 1.86 0.00	33.15 1.97 0.00	32.42 1.99 0.00	35.19 2.24 0.00	35.75 2.28 0.00	38.56 2.45 0.00	39.69 2.54 0.00	41.56 2.44 0.00	34.19 1.95 0.00	38.14 2.11 0.00	39.16 1.80 0.00	34.58 1.46 0.00	33.10 1.30 0.00
BAYONEEC___CTG10 323750	28.18 1.23 0.00	29.14 1.33 0.00	29.63 1.36 0.00	28.19 1.30 0.00	31.39 1.38 0.00	32.07 1.41 0.00	34.67 1.48 0.00	37.10 1.57 0.00	38.57 1.56 0.00	33.37 1.50 0.00	33.05 1.65 0.00	32.70 1.86 0.00	33.15 1.97 0.00	32.42 1.99 0.00	35.19 2.24 0.00	35.75 2.28 0.00	38.56 2.45 0.00	39.69 2.54 0.00	41.56 2.44 0.00	34.19 1.95 0.00	38.14 2.11 0.00	39.16 1.80 0.00	34.58 1.46 0.00	33.10 1.30 0.00
BAYONEEC___CTG2 323683	28.18 1.23 0.00	29.14 1.33 0.00	29.63 1.36 0.00	28.19 1.30 0.00	31.39 1.38 0.00	32.07 1.41 0.00	34.67 1.48 0.00	37.10 1.57 0.00	38.57 1.56 0.00	33.37 1.50 0.00	33.05 1.65 0.00	32.70 1.86 0.00	33.15 1.97 0.00	32.42 1.99 0.00	35.19 2.24 0.00	35.75 2.28 0.00	38.56 2.45 0.00	39.69 2.54 0.00	41.56 2.44 0.00	34.19 1.95 0.00	38.14 2.11 0.00	39.16 1.80 0.00	34.58 1.46 0.00	33.10 1.30 0.00
BAYONEEC___CTG3 323684	28.18 1.23 0.00	29.14 1.33 0.00	29.63 1.36 0.00	28.19 1.30 0.00	31.39 1.38 0.00	32.07 1.41 0.00	34.67 1.48 0.00	37.10 1.57 0.00	38.57 1.56 0.00	33.37 1.50 0.00	33.05 1.65 0.00	32.70 1.86 0.00	33.15 1.97 0.00	32.42 1.99 0.00	35.19 2.24 0.00	35.75 2.28 0.00	38.56 2.45 0.00	39.69 2.54 0.00	41.56 2.44 0.00	34.19 1.95 0.00	38.14 2.11 0.00	39.16 1.80 0.00	34.58 1.46 0.00	33.10 1.30 0.00
BAYONEEC___CTG4 323685	28.18 1.23 0.00	29.14 1.33 0.00	29.63 1.36 0.00	28.19 1.30 0.00	31.39 1.38 0.00	32.07 1.41 0.00	34.67 1.48 0.00	37.10 1.57 0.00	38.57 1.56 0.00	33.37 1.50 0.00	33.05 1.65 0.00	32.70 1.86 0.00	33.15 1.97 0.00	32.42 1.99 0.00	35.19 2.24 0.00	35.75 2.28 0.00	38.56 2.45 0.00	39.69 2.54 0.00	41.56 2.44 0.00	34.19 1.95 0.00	38.14 2.11 0.00	39.16 1.80 0.00	34.58 1.46 0.00	33.10 1.30 0.00
BAYONEEC___CTG5 323686	28.18 1.23 0.00	29.14 1.33 0.00	29.63 1.36 0.00	28.19 1.30 0.00	31.39 1.38 0.00	32.07 1.41 0.00	34.67 1.48 0.00	37.10 1.57 0.00	38.57 1.56 0.00	33.37 1.50 0.00	33.05 1.65 0.00	32.70 1.86 0.00	33.15 1.97 0.00	32.42 1.99 0.00	35.19 2.24 0.00	35.75 2.28 0.00	38.56 2.45 0.00	39.69 2.54 0.00	41.56 2.44 0.00	34.19 1.95 0.00	38.14 2.11 0.00	39.16 1.80 0.00	34.58 1.46 0.00	33.10 1.30 0.00
BAYONEEC___CTG6 323687	28.18 1.23 0.00	29.14 1.33 0.00	29.63 1.36 0.00	28.19 1.30 0.00	31.39 1.38 0.00	32.07 1.41 0.00	34.67 1.48 0.00	37.10 1.57 0.00	38.57 1.56 0.00	33.37 1.50 0.00	33.05 1.65 0.00	32.70 1.86 0.00	33.15 1.97 0.00	32.42 1.99 0.00	35.19 2.24 0.00	35.75 2.28 0.00	38.56 2.45 0.00	39.69 2.54 0.00	41.56 2.44 0.00	34.19 1.95 0.00	38.14 2.11 0.00	39.16 1.80 0.00	34.58 1.46 0.00	33.10 1.30 0.00
BAYONEEC___CTG7 323688	28.18 1.23 0.00	29.14 1.33 0.00	29.63 1.36 0.00	28.19 1.30 0.00	31.39 1.38 0.00	32.07 1.41 0.00	34.67 1.48 0.00	37.10 1.57 0.00	38.57 1.56 0.00	33.37 1.50 0.00	33.05 1.65 0.00	32.70 1.86 0.00	33.15 1.97 0.00	32.42 1.99 0.00	35.19 2.24 0.00	35.75 2.28 0.00	38.56 2.45 0.00	39.69 2.54 0.00	41.56 2.44 0.00	34.19 1.95 0.00	38.14 2.11 0.00	39.16 1.80 0.00	34.58 1.46 0.00	33.10 1.30 0.00

BAYONEEC___CTG8 323689	28.18 1.23 0.00	29.14 1.33 0.00	29.63 1.36 0.00	28.19 1.30 0.00	31.39 1.38 0.00	32.07 1.41 0.00	34.67 1.48 0.00	37.10 1.57 0.00	38.57 1.56 0.00	33.37 1.50 0.00	33.05 1.65 0.00	32.70 1.86 0.00	33.15 1.97 0.00	32.42 1.99 0.00	35.19 2.24 0.00	35.75 2.28 0.00	38.56 2.45 0.00	39.69 2.54 0.00	41.56 2.44 0.00	34.19 1.95 0.00	38.14 2.11 0.00	39.16 1.80 0.00	34.58 1.46 0.00	33.10 1.30 0.00
BAYONEEC___CTG9 323749	28.18 1.23 0.00	29.14 1.33 0.00	29.63 1.36 0.00	28.19 1.30 0.00	31.39 1.38 0.00	32.07 1.41 0.00	34.67 1.48 0.00	37.10 1.57 0.00	38.57 1.56 0.00	33.37 1.50 0.00	33.05 1.65 0.00	32.70 1.86 0.00	33.15 1.97 0.00	32.42 1.99 0.00	35.19 2.24 0.00	35.75 2.28 0.00	38.56 2.45 0.00	39.69 2.54 0.00	41.56 2.44 0.00	34.19 1.95 0.00	38.14 2.11 0.00	39.16 1.80 0.00	34.58 1.46 0.00	33.10 1.30 0.00
BAYPORT_69_KV_BK 2 356364	28.84 1.89 0.00	29.71 1.90 0.00	31.94 2.00 -1.67	28.82 1.93 -0.01	32.08 2.07 0.00	32.72 2.05 -0.01	47.15 2.19 -11.78	52.31 2.33 -14.44	53.34 2.16 -14.17	35.71 2.11 -1.73	33.42 2.01 0.00	32.84 2.00 0.00	33.43 2.25 0.00	32.40 1.97 0.00	35.20 2.25 0.00	35.88 2.41 0.00	38.76 2.65 0.00	39.81 2.65 0.00	41.58 2.46 0.00	34.35 2.12 0.00	38.60 2.56 0.00	39.77 2.41 0.00	35.29 2.17 0.00	33.87 2.07 0.00
BEACON___LESR 323632	27.51 0.56 0.00	28.51 0.71 0.00	29.00 0.72 0.00	27.60 0.71 0.00	30.77 0.76 0.00	31.39 0.73 0.00	33.79 0.60 0.00	36.27 0.73 0.00	37.73 0.72 0.00	32.61 0.74 0.00	32.22 0.81 0.00	31.64 0.81 0.00	31.98 0.80 0.00	31.28 0.86 0.00	33.82 0.87 0.00	34.33 0.86 0.00	37.08 0.98 0.00	37.94 0.78 0.00	39.93 0.81 0.00	32.91 0.67 0.00	36.81 0.78 0.00	38.03 0.67 0.00	33.78 0.66 0.00	32.50 0.70 0.00
BEAVER RIVER___HYD 24048	26.69 -0.26 0.00	27.43 -0.37 0.00	27.98 -0.29 0.00	26.66 -0.22 0.00	29.63 -0.37 0.00	29.88 -0.78 0.00	32.62 -0.56 0.00	34.74 -0.80 0.00	36.13 -0.89 0.00	31.05 -0.82 0.00	30.29 -1.11 0.00	29.67 -1.16 0.00	29.55 -1.62 0.00	28.70 -1.73 0.00	31.06 -1.89 0.00	31.65 -1.83 0.00	33.91 -2.19 0.00	35.48 -1.67 0.00	37.95 -1.18 0.00	31.43 -0.80 0.00	34.66 -1.37 0.00	35.98 -1.38 0.00	31.75 -1.37 0.00	30.60 -1.20 0.00
BEEBEE_GT_13 23619	26.29 -0.65 0.00	26.95 -0.86 0.00	27.21 -1.06 0.00	25.92 -0.97 0.00	28.21 -1.03 0.77	28.22 -0.99 1.45	32.35 -0.84 0.00	34.68 -0.86 0.00	36.37 -0.64 0.00	30.86 -0.84 0.17	30.49 -0.91 0.00	30.09 -0.74 0.00	30.46 -0.72 0.00	29.64 -0.79 0.00	32.27 -0.68 0.00	32.74 -0.73 0.00	35.14 -0.97 0.00	36.29 -0.86 0.00	38.35 -0.78 0.00	31.53 -0.71 0.00	35.22 -0.81 0.00	36.82 -0.53 0.00	32.56 -0.57 0.00	31.22 -0.58 0.00
BENSHRST_27_KV_BENSHRST_1 355998	28.41 1.46 0.00	29.36 1.56 0.00	29.85 1.58 0.00	28.40 1.51 0.00	31.63 1.62 0.00	32.30 1.64 0.00	34.95 1.76 0.00	37.42 1.88 0.00	38.97 1.96 0.00	33.67 1.80 0.00	33.34 1.93 0.00	32.99 2.16 0.00	33.46 2.28 0.00	32.74 2.32 0.00	35.51 2.56 0.00	36.10 2.63 0.00	38.93 2.83 0.00	40.07 2.91 0.00	41.92 2.81 0.00	34.46 2.22 0.00	38.45 2.42 0.00	39.52 2.16 0.00	34.85 1.73 0.00	33.34 1.54 0.00
BETHLEHEM___GRP 23843	27.22 0.27 0.00	28.19 0.39 0.00	28.68 0.40 0.00	27.29 0.40 0.00	30.42 0.41 0.00	30.99 0.34 0.00	33.30 0.12 0.00	35.74 0.20 0.00	37.17 0.16 0.00	32.13 0.26 0.00	31.76 0.35 0.00	31.21 0.38 0.00	31.58 0.40 0.00	30.88 0.45 0.00	33.34 0.40 0.00	33.85 0.38 0.00	36.55 0.45 0.00	37.36 0.21 0.00	39.29 0.17 0.00	32.37 0.14 0.00	36.24 0.20 0.00	37.46 0.10 0.00	33.33 0.21 0.00	32.13 0.33 0.00
BETHLEHEM___GS1 323560	27.22 0.27 0.00	28.19 0.39 0.00	28.68 0.40 0.00	27.29 0.40 0.00	30.42 0.41 0.00	31.00 0.34 0.00	33.30 0.12 0.00	35.74 0.20 0.00	37.17 0.16 0.00	32.13 0.26 0.00	31.76 0.35 0.00	31.20 0.37 0.00	31.58 0.40 0.00	30.87 0.44 0.00	33.34 0.40 0.00	33.85 0.38 0.00	36.54 0.44 0.00	37.36 0.21 0.00	39.29 0.17 0.00	32.37 0.13 0.00	36.24 0.20 0.00	37.46 0.10 0.00	33.34 0.21 0.00	32.13 0.33 0.00
BETHLEHEM___GS2 323561	27.22 0.27 0.00	28.19 0.39 0.00	28.68 0.40 0.00	27.29 0.40 0.00	30.42 0.41 0.00	31.00 0.34 0.00	33.30 0.12 0.00	35.74 0.20 0.00	37.17 0.16 0.00	32.13 0.26 0.00	31.76 0.35 0.00	31.20 0.37 0.00	31.58 0.40 0.00	30.87 0.44 0.00	33.34 0.40 0.00	33.85 0.38 0.00	36.54 0.44 0.00	37.36 0.21 0.00	39.29 0.17 0.00	32.37 0.13 0.00	36.24 0.20 0.00	37.46 0.10 0.00	33.34 0.21 0.00	32.13 0.33 0.00
BETHLEHEM___GS3 323562	27.22 0.27 0.00	28.19 0.39 0.00	28.68 0.40 0.00	27.29 0.40 0.00	30.42 0.41 0.00	31.00 0.34 0.00	33.30 0.12 0.00	35.74 0.20 0.00	37.17 0.16 0.00	32.13 0.26 0.00	31.76 0.35 0.00	31.20 0.37 0.00	31.58 0.40 0.00	30.87 0.44 0.00	33.34 0.40 0.00	33.85 0.38 0.00	36.54 0.44 0.00	37.36 0.21 0.00	39.29 0.17 0.00	32.37 0.13 0.00	36.24 0.20 0.00	37.46 0.10 0.00	33.34 0.21 0.00	32.13 0.33 0.00
BETHLEHEM___STEEL 23779	25.44 -1.51 0.00	17.77 -1.84 8.20	24.44 -2.24 1.59	15.94 -2.02 8.93	17.30 -2.25 10.46	23.84 -2.34 4.49	30.30 -2.15 0.73	24.96 -2.23 8.36	17.68 -1.83 17.50	12.80 -2.03 17.05	13.39 -1.79 16.22	23.00 -1.56 6.27	29.46 -1.60 0.12	28.49 -1.71 0.23	26.63 -1.62 4.71	30.23 -1.91 1.33	17.30 -2.05 16.75	18.41 -1.97 16.77	18.59 -1.91 18.61	26.37 -1.81 4.05	33.91 -2.12 0.00	34.26 -1.57 1.53	29.95 -1.55 1.62	30.34 -1.46 0.00
BETHLHEM_115KV_TB1 79974	27.27 0.32 0.00	28.23 0.43 0.00	28.72 0.45 0.00	27.33 0.43 0.00	30.47 0.46 0.00	31.05 0.39 0.00	33.39 0.20 0.00	35.83 0.29 0.00	37.26 0.25 0.00	32.20 0.33 0.00	31.83 0.42 0.00	31.27 0.44 0.00	31.65 0.47 0.00	30.94 0.51 0.00	33.42 0.47 0.00	33.93 0.46 0.00	36.64 0.53 0.00	37.48 0.32 0.00	39.42 0.30 0.00	32.47 0.24 0.00	36.35 0.31 0.00	37.57 0.21 0.00	33.41 0.29 0.00	32.17 0.37 0.00
BETHPAGE_CC_5 323564	28.52 1.57 0.00	29.43 1.62 0.00	31.94 1.74 -1.92	28.58 1.68 -0.01	31.81 1.80 0.00	32.49 1.82 -0.01	48.66 1.91 -13.56	54.22 2.04 -16.63	55.30 1.98 -16.31	35.70 1.84 -1.99	33.25 1.85 0.00	32.79 1.96 0.00	33.37 2.20 0.00	32.43 2.01 0.00	35.26 2.31 0.00	35.91 2.44 0.00	38.85 2.74 0.00	39.87 2.72 0.00	41.67 2.55 0.00	34.38 2.15 0.00	38.52 2.49 0.00	39.63 2.27 0.00	35.13 2.00 0.00	33.66 1.86 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	25.46 -1.49 0.00	17.94 -1.79 8.08	24.49 -2.21 1.57	16.11 -1.98 8.80	17.47 -2.19 10.35	23.88 -2.29 4.49	30.36 -2.10 0.72	25.16 -2.15 8.24	18.02 -1.75 17.25	13.11 -1.96 16.81	13.70 -1.72 15.99	23.15 -1.50 6.18	29.52 -1.54 0.12	28.56 -1.64 0.22	26.77 -1.54 4.64	30.33 -1.83 1.31	17.65 -1.96 16.50	18.85 -1.93 16.37	19.12 -1.84 18.16	26.53 -1.75 3.96	33.97 -2.06 0.00	34.35 -1.52 1.49	30.04 -1.50 1.58	30.36 -1.44 0.00

BINGHAMTON___COGEN 23790	26.95 0.00 0.00	27.81 0.01 0.00	28.24 -0.04 0.00	26.87 -0.02 0.00	31.39 0.02 -1.37	33.22 -0.03 -2.59	33.30 0.11 0.00	35.65 0.11 0.00	37.18 0.17 0.00	31.86 0.05 0.07	31.54 0.13 0.00	30.84 0.00 0.00	31.21 0.04 0.00	30.32 -0.11 0.00	32.81 -0.14 0.00	33.33 -0.14 0.00	35.97 -0.13 0.00	37.07 -0.08 0.00	39.14 0.02 0.00	32.22 -0.02 0.00	35.98 -0.05 0.00	37.42 0.06 0.00	33.04 -0.08 0.00	31.70 -0.10 0.00
BIXINCNT_115KV_LOAD 355685	24.79 -2.16 0.00	19.34 -2.28 6.18	24.22 -2.85 1.20	18.10 -2.06 6.73	19.12 -2.38 8.51	22.80 -3.32 4.54	29.86 -2.77 0.56	26.40 -2.82 6.31	21.37 -2.43 13.21	16.27 -2.60 13.00	17.24 -1.95 12.21	24.53 -1.59 4.71	29.39 -1.70 0.09	28.23 -2.03 0.17	27.92 -1.49 3.54	30.72 -1.75 1.00	20.97 -2.55 12.59	20.01 -2.58 14.57	20.48 -2.32 16.32	26.80 -1.88 3.56	33.68 -2.35 0.00	34.33 -1.69 1.34	30.10 -1.60 1.42	30.07 -1.73 0.00
BLACK RIVER___HYD 24047	26.60 -0.35 0.00	27.36 -0.45 0.00	27.91 -0.37 0.00	26.59 -0.30 0.00	29.57 -0.44 0.00	29.80 -0.86 0.00	32.57 -0.62 0.00	34.66 -0.88 0.00	36.23 -0.78 0.00	31.09 -0.78 0.00	30.30 -1.11 0.00	29.68 -1.15 0.00	29.46 -1.72 0.00	28.49 -1.94 0.00	30.91 -2.04 0.00	31.51 -1.96 0.00	33.61 -2.49 0.00	35.68 -1.47 0.00	38.10 -1.02 0.00	31.48 -0.75 0.00	34.66 -1.37 0.00	35.96 -1.40 0.00	31.69 -1.43 0.00	30.52 -1.28 0.00
BLACKRVR_115KV_TB2 79977	26.60 -0.35 0.00	27.36 -0.45 0.00	27.91 -0.37 0.00	26.59 -0.30 0.00	29.56 -0.44 0.00	29.81 -0.85 0.00	32.57 -0.62 0.00	34.66 -0.88 0.00	36.23 -0.78 0.00	31.09 -0.78 0.00	30.29 -1.11 0.00	29.67 -1.16 0.00	29.46 -1.72 0.00	28.49 -1.94 0.00	30.91 -2.04 0.00	31.51 -1.96 0.00	33.61 -2.49 0.00	35.68 -1.48 0.00	38.10 -1.02 0.00	31.48 -0.75 0.00	34.66 -1.37 0.00	35.96 -1.40 0.00	31.69 -1.43 0.00	30.52 -1.28 0.00
BLISS_WT_PWR 323608	24.63 -2.32 0.00	19.17 -2.45 6.18	24.03 -3.04 1.20	17.98 -2.17 6.73	18.98 -2.52 8.51	22.52 -3.60 4.54	29.65 -2.98 0.56	26.19 -3.03 6.31	21.20 -2.60 13.21	16.08 -2.80 13.00	17.08 -2.11 12.21	24.40 -1.72 4.71	29.28 -1.81 0.09	28.12 -2.14 0.17	27.81 -1.60 3.54	30.59 -1.89 1.00	20.76 -2.76 12.59	19.72 -2.86 14.57	20.23 -2.57 16.32	26.64 -2.04 3.56	33.45 -2.58 0.00	34.15 -1.87 1.34	29.98 -1.72 1.42	29.90 -1.90 0.00
BLUESTONE___WT_PWR 323821	27.20 0.25 0.00	28.22 0.41 0.00	28.81 0.54 0.00	27.29 0.40 0.00	31.15 0.59 -0.55	32.62 0.92 -1.04	34.62 1.43 0.00	37.13 1.60 0.00	38.11 1.10 0.00	33.00 0.99 -0.14	32.41 1.01 0.00	31.88 1.04 0.00	32.23 1.04 -0.01	30.96 0.53 0.00	33.10 0.15 0.00	33.39 -0.08 0.00	36.39 0.28 0.00	37.54 0.38 0.00	39.47 0.35 0.00	32.80 0.56 0.00	37.10 1.06 0.00	39.24 1.88 0.00	34.57 1.45 0.00	33.08 1.28 0.00
BLUE_CIRC_CHEM_DRP 24182	27.51 0.56 0.00	28.47 0.66 0.00	28.96 0.68 0.00	27.56 0.66 0.00	30.74 0.73 0.00	31.33 0.67 0.00	33.76 0.57 0.00	36.20 0.66 0.00	37.65 0.63 0.00	32.50 0.62 0.00	32.09 0.68 0.00	31.48 0.64 0.00	31.83 0.66 0.00	31.15 0.73 0.00	33.70 0.75 0.00	34.23 0.76 0.00	36.96 0.86 0.00	37.87 0.71 0.00	39.87 0.75 0.00	32.84 0.61 0.00	36.75 0.72 0.00	38.03 0.67 0.00	33.75 0.63 0.00	32.46 0.66 0.00
BOC_GAS_DRP 24189	27.35 0.40 0.00	28.31 0.50 0.00	28.79 0.52 0.00	27.39 0.50 0.00	30.56 0.55 0.00	31.14 0.48 0.00	33.58 0.39 0.00	36.02 0.48 0.00	37.46 0.45 0.00	32.36 0.48 0.00	31.98 0.57 0.00	31.43 0.59 0.00	31.80 0.62 0.00	31.08 0.65 0.00	33.59 0.64 0.00	34.11 0.64 0.00	36.82 0.72 0.00	37.77 0.61 0.00	39.72 0.59 0.00	32.70 0.46 0.00	36.58 0.55 0.00	37.86 0.50 0.00	33.58 0.46 0.00	32.27 0.47 0.00
BOONVILLE_115KV_TB1 79983	27.35 0.40 0.00	28.15 0.34 0.00	28.65 0.37 0.00	27.28 0.39 0.00	30.39 0.39 0.00	30.83 0.16 0.00	33.61 0.42 0.00	35.89 0.36 0.00	37.34 0.33 0.00	32.08 0.20 0.00	31.48 0.07 0.00	30.92 0.09 0.00	30.98 -0.20 0.00	30.10 -0.32 0.00	32.45 -0.50 0.00	33.14 -0.33 0.00	35.68 -0.43 0.00	37.00 -0.16 0.00	39.50 0.38 0.00	32.59 0.35 0.00	36.17 0.13 0.00	37.52 0.16 0.00	33.10 -0.02 0.00	31.79 -0.01 0.00
BORALEX_4TH_BRANCH 23824	27.90 0.95 0.00	28.96 1.15 0.00	29.44 1.16 0.00	28.00 1.12 0.00	31.15 1.14 0.00	31.75 1.09 0.00	34.23 1.04 0.00	36.86 1.32 0.00	38.33 1.32 0.00	33.12 1.25 0.00	32.78 1.37 0.00	32.22 1.39 0.00	32.47 1.30 0.00	31.66 1.23 0.00	34.07 1.12 0.00	34.57 1.10 0.00	37.44 1.34 0.00	38.33 1.18 0.00	40.35 1.23 0.00	33.25 1.01 0.00	37.33 1.30 0.00	38.59 1.23 0.00	34.16 1.04 0.00	32.84 1.04 0.00
BOWLINE___1 23526	27.94 0.99 0.00	28.91 1.10 0.00	29.43 1.16 0.00	28.01 1.12 0.00	31.22 1.21 0.00	31.86 1.19 0.00	34.43 1.24 0.00	36.84 1.31 0.00	38.31 1.30 0.00	33.11 1.24 0.00	32.79 1.39 0.00	32.39 1.55 0.00	32.83 1.66 0.00	32.09 1.66 0.00	34.80 1.85 0.00	35.36 1.89 0.00	38.13 2.02 0.00	39.22 2.07 0.00	41.10 1.98 0.00	33.87 1.64 0.00	37.83 1.80 0.00	38.90 1.54 0.00	34.35 1.22 0.00	32.87 1.07 0.00
BOWLINE___2 23595	27.94 0.99 0.00	28.91 1.10 0.00	29.43 1.16 0.00	28.01 1.12 0.00	31.22 1.21 0.00	31.86 1.19 0.00	34.43 1.24 0.00	36.85 1.32 0.00	38.32 1.31 0.00	33.11 1.24 0.00	32.79 1.39 0.00	32.39 1.56 0.00	32.83 1.66 0.00	32.09 1.67 0.00	34.80 1.85 0.00	35.36 1.89 0.00	38.13 2.02 0.00	39.22 2.07 0.00	41.10 1.98 0.00	33.87 1.64 0.00	37.83 1.80 0.00	38.90 1.54 0.00	34.35 1.22 0.00	32.87 1.07 0.00
BRADY___115KV_TB2 356060	27.18 0.23 0.00	27.95 0.15 0.00	28.46 0.19 0.00	27.05 0.16 0.00	30.19 0.17 0.00	31.01 0.35 0.00	33.76 0.58 0.00	36.20 0.66 0.00	37.66 0.65 0.00	32.33 0.46 0.00	31.74 0.33 0.00	30.99 0.16 0.00	31.22 0.05 0.00	30.46 0.04 0.00	33.16 0.21 0.00	33.57 0.10 0.00	36.25 0.14 0.00	37.34 0.18 0.00	39.39 0.26 0.00	32.54 0.31 0.00	36.31 0.27 0.00	37.60 0.24 0.00	33.31 0.18 0.00	32.02 0.22 0.00
BRANSCOMB___SOLAR 323811	27.98 1.03 0.00	28.99 1.18 0.00	29.48 1.21 0.00	28.09 1.20 0.00	31.31 1.30 0.00	32.07 1.41 0.00	34.64 1.45 0.00	37.26 1.72 0.00	38.77 1.76 0.00	33.47 1.60 0.00	32.93 1.52 0.00	32.16 1.33 0.00	32.43 1.26 0.00	31.64 1.21 0.00	34.27 1.32 0.00	34.81 1.34 0.00	37.66 1.55 0.00	38.67 1.52 0.00	40.69 1.57 0.00	33.53 1.30 0.00	37.63 1.59 0.00	38.87 1.51 0.00	34.31 1.19 0.00	32.98 1.18 0.00
BRDGHMPT_69_KV_BK1 55812	29.37 2.42 0.00	30.27 2.47 0.00	32.48 2.56 -1.64	29.39 2.49 -0.01	32.74 2.73 0.00	33.42 2.76 -0.01	47.76 2.97 -11.60	52.93 3.16 -14.23	54.01 3.05 -13.95	36.43 2.85 -1.70	34.12 2.71 0.00	33.46 2.63 0.00	33.93 2.75 0.00	32.91 2.48 0.00	35.77 2.82 0.00	36.50 3.03 0.00	39.56 3.45 0.00	40.67 3.52 0.00	41.60 2.48 0.00	33.93 1.70 0.00	38.13 2.09 0.00	39.23 1.87 0.00	34.77 1.65 0.00	33.33 1.53 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	28.68 1.73 0.00	29.56 1.76 0.00	31.81 1.86 -1.68	28.69 1.80 -0.01	31.94 1.93 0.00	32.59 1.92 -0.01	47.07 2.05 -11.83	52.23 2.18 -14.51	53.26 2.02 -14.23	35.56 1.95 -1.74	33.32 1.91 0.00	32.79 1.96 0.00	33.38 2.20 0.00	32.38 1.96 0.00	35.20 2.25 0.00	35.86 2.39 0.00	38.75 2.65 0.00	39.76 2.60 0.00	41.54 2.42 0.00	34.28 2.05 0.00	38.49 2.45 0.00	39.63 2.27 0.00	35.17 2.04 0.00	33.75 1.96 0.00
BRISTLHL_115KV_TB1 79998	26.21 -0.73 0.00	27.04 -0.77 0.00	27.47 -0.81 0.00	26.13 -0.76 0.00	29.17 -0.84 0.00	29.77 -0.89 0.00	32.24 -0.95 0.00	34.47 -1.07 0.00	35.94 -1.07 0.00	30.93 -0.94 0.00	30.47 -0.94 0.00	29.86 -0.97 0.00	30.13 -1.04 0.00	29.36 -1.07 0.00	31.80 -1.15 0.00	32.25 -1.22 0.00	34.76 -1.34 0.00	36.03 -1.12 0.00	37.97 -1.15 0.00	31.28 -0.96 0.00	34.94 -1.10 0.00	36.29 -1.08 0.00	32.22 -0.91 0.00	30.93 -0.87 0.00
BROOKHAVEN___DRP 24191	28.72 1.77 0.00	29.60 1.79 0.00	31.80 1.89 -1.64	28.72 1.82 -0.01	31.96 1.96 0.00	32.60 1.94 -0.01	46.80 2.02 -11.59	51.90 2.14 -14.22	52.92 1.96 -13.94	35.54 1.96 -1.70	33.27 1.87 0.00	32.68 1.85 0.00	33.25 2.08 0.00	32.26 1.83 0.00	35.04 2.09 0.00	35.72 2.25 0.00	38.61 2.50 0.00	39.59 2.44 0.00	41.27 2.15 0.00	34.05 1.82 0.00	38.26 2.22 0.00	39.43 2.07 0.00	35.02 1.90 0.00	33.62 1.81 0.00
BROOKLYN_NAVY_YARD 23515	28.15 1.21 0.00	29.12 1.32 0.00	29.54 1.27 0.01	19.67 1.21 8.43	31.28 1.28 0.01	31.96 1.30 0.00	34.55 1.36 0.01	36.99 1.46 0.00	38.45 1.45 0.00	33.29 1.42 0.00	32.95 1.55 0.01	32.58 1.76 0.01	33.04 1.87 0.01	32.32 1.89 0.00	35.06 2.12 0.01	35.62 2.16 0.01	38.44 2.34 0.01	39.55 2.40 0.01	41.43 2.31 0.00	34.06 1.83 0.00	38.00 1.97 0.01	39.04 1.68 0.00	34.46 1.35 0.01	32.99 1.20 0.00
BROOKLYN___ARMY_DRP 323595	28.29 1.34 0.00	29.25 1.45 0.00	29.74 1.47 0.00	28.30 1.41 0.00	31.52 1.51 0.00	32.18 1.53 0.00	34.81 1.62 0.00	37.26 1.72 0.00	38.80 1.79 0.00	33.52 1.64 0.00	33.19 1.78 0.00	32.84 2.01 0.00	33.30 2.13 0.00	32.59 2.16 0.00	35.34 2.39 0.00	35.93 2.46 0.00	38.75 2.65 0.00	39.88 2.72 0.00	41.72 2.60 0.00	34.29 2.05 0.00	38.25 2.22 0.00	39.31 1.95 0.00	34.69 1.56 0.00	33.18 1.38 0.00
BROOME_2_LFGE 323671	26.95 0.00 0.00	27.81 0.01 0.00	28.24 -0.04 0.00	26.87 -0.02 0.00	31.39 0.02 -1.37	33.22 -0.03 -2.59	33.30 0.11 0.00	35.65 0.11 0.00	37.19 0.18 0.00	31.85 0.05 0.07	31.53 0.13 0.00	30.83 0.00 0.00	31.21 0.04 0.00	30.32 -0.10 0.00	32.81 -0.14 0.00	33.33 -0.14 0.00	35.97 -0.14 0.00	37.06 -0.09 0.00	39.13 0.01 0.00	32.22 -0.02 0.00	35.98 -0.05 0.00	37.42 0.06 0.00	33.05 -0.07 0.00	31.70 -0.10 0.00
BROOME___LFGE 323600	26.95 0.00 0.00	27.81 0.01 0.00	28.24 -0.04 0.00	26.87 -0.02 0.00	31.39 0.02 -1.37	33.22 -0.03 -2.59	33.30 0.11 0.00	35.65 0.11 0.00	37.19 0.18 0.00	31.85 0.05 0.07	31.53 0.13 0.00	30.83 0.00 0.00	31.21 0.04 0.00	30.32 -0.10 0.00	32.81 -0.14 0.00	33.33 -0.14 0.00	35.97 -0.14 0.00	37.06 -0.09 0.00	39.13 0.01 0.00	32.22 -0.02 0.00	35.98 -0.05 0.00	37.42 0.06 0.00	33.05 -0.07 0.00	31.70 -0.10 0.00
BROWNFLS_115KV_TB_3_5 80003	26.46 -0.49 0.00	27.21 -0.59 0.00	27.75 -0.52 0.00	26.41 -0.48 0.00	29.40 -0.61 0.00	29.85 -0.81 0.00	32.56 -0.63 0.00	34.75 -0.79 0.00	36.14 -0.87 0.00	31.06 -0.82 0.00	30.35 -1.06 0.00	29.58 -1.25 0.00	29.58 -1.60 0.00	28.81 -1.62 0.00	31.29 -1.66 0.00	31.81 -1.66 0.00	34.13 -1.98 0.00	35.43 -1.72 0.00	37.69 -1.43 0.00	31.18 -1.06 0.00	34.54 -1.49 0.00	35.80 -1.56 0.00	31.72 -1.40 0.00	30.59 -1.21 0.00
BROWNSV1_27_KV_LOAD 356125	28.38 1.43 0.00	29.34 1.53 0.00	29.82 1.54 0.00	28.37 1.48 0.00	31.59 1.58 0.00	32.26 1.60 0.00	34.92 1.73 0.00	37.41 1.87 0.00	38.93 1.92 0.00	33.63 1.76 0.00	33.32 1.91 0.00	32.94 2.11 0.00	33.40 2.22 0.00	32.67 2.24 0.00	35.45 2.50 0.00	36.02 2.55 0.00	38.86 2.76 0.00	39.99 2.84 0.00	41.89 2.77 0.00	34.46 2.23 0.00	38.45 2.41 0.00	39.49 2.13 0.00	34.86 1.73 0.00	33.34 1.54 0.00
BURROWS___LYONSDAL 23803	27.20 0.25 0.00	27.98 0.17 0.00	28.50 0.22 0.00	27.14 0.25 0.00	30.21 0.20 0.00	30.57 -0.09 0.00	33.35 0.16 0.00	35.58 0.04 0.00	36.98 -0.03 0.00	31.79 -0.09 0.00	31.14 -0.27 0.00	30.58 -0.25 0.00	30.58 -0.59 0.00	29.71 -0.72 0.00	32.03 -0.92 0.00	32.71 -0.76 0.00	35.18 -0.93 0.00	36.55 -0.60 0.00	39.07 -0.05 0.00	32.28 0.05 0.00	35.76 -0.28 0.00	37.10 -0.27 0.00	32.72 -0.41 0.00	31.44 -0.36 0.00
CAITHNESS_CC_1 323624	28.65 1.70 0.00	29.52 1.71 0.00	31.73 1.82 -1.64	28.65 1.75 -0.01	31.88 1.87 0.00	32.53 1.87 -0.01	46.70 1.92 -11.59	51.78 2.03 -14.21	52.77 1.83 -13.94	35.44 1.87 -1.70	33.20 1.79 0.00	32.64 1.80 0.00	33.20 2.02 0.00	32.19 1.76 0.00	34.99 2.04 0.00	35.67 2.20 0.00	38.51 2.41 0.00	39.47 2.32 0.00	41.16 2.04 0.00	33.98 1.75 0.00	38.17 2.14 0.00	39.35 1.99 0.00	34.96 1.83 0.00	33.57 1.77 0.00
CALPINE BETH_PAGE_GT4 24209	28.53 1.58 0.00	29.44 1.63 0.00	32.06 1.75 -2.03	28.59 1.69 -0.01	31.83 1.82 0.00	32.49 1.82 -0.01	49.45 1.93 -14.33	55.16 2.05 -17.58	56.27 2.02 -17.24	35.83 1.85 -2.10	33.28 1.87 0.00	32.82 1.98 0.00	33.39 2.22 0.00	32.48 2.05 0.00	35.28 2.33 0.00	35.94 2.47 0.00	38.89 2.78 0.00	39.91 2.76 0.00	41.73 2.61 0.00	34.42 2.18 0.00	38.55 2.52 0.00	39.66 2.30 0.00	35.16 2.03 0.00	33.68 1.88 0.00
CALPINE_BETH_PAGE_GT_4 323586	28.53 1.58 0.00	29.44 1.63 0.00	32.06 1.75 -2.03	28.59 1.69 -0.01	31.82 1.81 0.00	32.50 1.83 -0.01	49.45 1.93 -14.33	55.16 2.05 -17.58	56.25 2.00 -17.24	35.82 1.85 -2.10	33.26 1.86 0.00	32.82 1.99 0.00	33.39 2.21 0.00	32.46 2.03 0.00	35.28 2.33 0.00	35.93 2.46 0.00	38.88 2.78 0.00	39.89 2.74 0.00	41.71 2.59 0.00	34.41 2.17 0.00	38.55 2.52 0.00	39.65 2.29 0.00	35.15 2.02 0.00	33.68 1.87 0.00
CALPINE_BP_GT1 23823	28.53 1.58 0.00	29.44 1.63 0.00	32.06 1.75 -2.03	28.59 1.69 -0.01	31.82 1.81 0.00	32.50 1.83 -0.01	49.45 1.93 -14.33	55.16 2.05 -17.58	56.25 2.00 -17.24	35.82 1.85 -2.10	33.26 1.86 0.00	32.82 1.99 0.00	33.39 2.21 0.00	32.46 2.03 0.00	35.28 2.33 0.00	35.93 2.46 0.00	38.88 2.78 0.00	39.89 2.74 0.00	41.71 2.59 0.00	34.41 2.17 0.00	38.55 2.52 0.00	39.65 2.29 0.00	35.15 2.02 0.00	33.68 1.87 0.00
CALSPAN___DRP 24200	25.44 -1.51 0.00	17.77 -1.84 8.20	24.44 -2.24 1.59	15.94 -2.02 8.93	17.30 -2.25 10.46	23.84 -2.34 4.49	30.30 -2.15 0.73	24.96 -2.23 8.36	17.68 -1.83 17.50	12.80 -2.03 17.05	13.39 -1.79 16.22	23.00 -1.56 6.27	29.46 -1.60 0.12	28.49 -1.71 0.23	26.63 -1.62 4.71	30.23 -1.91 1.33	17.30 -2.05 16.75	18.41 -1.97 16.77	18.59 -1.91 18.61	26.37 -1.81 4.05	33.91 -2.12 0.00	34.26 -1.57 1.53	29.95 -1.55 1.62	30.34 -1.46 0.00

CALVERTON___SOLAR 323806	28.82 1.87 0.00	29.69 1.88 0.00	31.89 1.97 -1.64	28.80 1.90 -0.01	32.06 2.05 0.00	32.72 2.05 -0.01	46.93 2.14 -11.59	52.03 2.27 -14.22	53.03 2.07 -13.94	35.64 2.07 -1.70	33.36 1.95 0.00	32.76 1.92 0.00	33.31 2.13 0.00	32.30 1.87 0.00	35.10 2.15 0.00	35.79 2.32 0.00	38.70 2.60 0.00	39.70 2.55 0.00	41.34 2.21 0.00	34.09 1.86 0.00	38.31 2.27 0.00	39.48 2.12 0.00	35.05 1.93 0.00	33.64 1.84 0.00
CANDIGU_WT_PWR 323617	25.42 -1.53 0.00	-9.15 -2.02 34.94	19.36 -2.13 6.78	-13.29 -2.12 38.06	-12.96 -2.29 40.68	16.50 -2.42 11.74	27.69 -2.37 3.13	-2.75 -2.72 35.57	-40.04 -2.51 74.54	-42.54 -2.62 71.78	-40.22 -2.36 69.27	2.06 -1.93 26.84	28.74 -1.93 0.51	27.36 -2.09 0.98	10.62 -2.20 20.13	25.52 -2.28 5.68	-37.68 -2.20 71.58	-36.63 -1.77 72.02	-42.50 -1.68 79.95	13.09 -1.74 17.40	34.24 -1.79 0.01	29.32 -1.49 6.56	24.52 -1.64 6.96	30.34 -1.46 0.00
CARR STREET_E_SYR 24060	26.64 -0.31 0.00	27.47 -0.34 0.00	27.90 -0.37 0.00	26.54 -0.35 0.00	29.64 -0.37 0.00	30.26 -0.40 0.00	32.78 -0.40 0.00	35.06 -0.48 0.00	36.58 -0.43 0.00	31.46 -0.41 0.00	31.00 -0.41 0.00	30.39 -0.44 0.00	30.68 -0.49 0.00	29.86 -0.57 0.00	32.35 -0.60 0.00	32.85 -0.63 0.00	35.42 -0.68 0.00	36.63 -0.53 0.00	38.66 -0.47 0.00	31.82 -0.42 0.00	35.53 -0.50 0.00	36.90 -0.46 0.00	32.74 -0.38 0.00	31.42 -0.38 0.00
CARTHAGE___PAPER 23857	26.66 -0.28 0.00	27.41 -0.39 0.00	27.97 -0.30 0.00	26.65 -0.24 0.00	29.62 -0.39 0.00	29.87 -0.79 0.00	32.63 -0.56 0.00	34.74 -0.80 0.00	36.21 -0.80 0.00	31.10 -0.77 0.00	30.32 -1.09 0.00	29.70 -1.13 0.00	29.54 -1.64 0.00	28.64 -1.79 0.00	31.03 -1.92 0.00	31.63 -1.84 0.00	33.82 -2.29 0.00	35.60 -1.55 0.00	38.05 -1.07 0.00	31.48 -0.76 0.00	34.70 -1.33 0.00	36.00 -1.36 0.00	31.75 -1.37 0.00	30.59 -1.21 0.00
CASSADAGA_WT_PWR 323784	24.89 -2.06 0.00	17.77 -2.47 7.57	24.17 -2.63 1.47	16.09 -2.56 8.24	17.19 -2.94 9.88	23.14 -2.95 4.57	29.96 -2.55 0.68	25.18 -2.65 7.72	18.50 -2.36 16.15	13.56 -2.53 15.78	14.59 -1.86 14.96	23.55 -1.50 5.78	29.70 -1.36 0.11	28.61 -1.61 0.21	27.17 -1.44 4.34	30.15 -2.09 1.22	18.69 -1.98 15.43	20.21 -1.26 15.68	20.63 -1.07 17.42	27.44 -1.00 3.79	34.84 -1.19 0.00	35.12 -0.81 1.43	30.60 -1.00 1.52	30.71 -1.09 0.00
CE_DUNWOOD___DRP 24194	28.07 1.12 0.00	29.04 1.23 0.00	29.54 1.27 0.00	28.11 1.22 0.00	31.31 1.31 0.00	31.97 1.31 0.00	34.57 1.38 0.00	37.02 1.48 0.00	38.51 1.50 0.00	33.28 1.41 0.00	32.96 1.55 0.00	32.55 1.72 0.00	33.00 1.83 0.00	32.28 1.85 0.00	35.01 2.07 0.00	35.59 2.12 0.00	38.39 2.28 0.00	39.48 2.33 0.00	41.36 2.24 0.00	34.05 1.81 0.00	38.02 1.99 0.00	39.11 1.75 0.00	34.55 1.43 0.00	33.08 1.28 0.00
CE_MILLWOOD___DRP 24193	28.02 1.07 0.00	28.99 1.18 0.00	29.50 1.23 0.00	28.08 1.19 0.00	31.28 1.27 0.00	31.92 1.26 0.00	34.52 1.33 0.00	36.97 1.44 0.00	38.46 1.45 0.00	33.24 1.36 0.00	32.92 1.51 0.00	32.49 1.66 0.00	32.94 1.76 0.00	32.22 1.79 0.00	34.93 1.99 0.00	35.50 2.03 0.00	38.29 2.19 0.00	39.38 2.22 0.00	41.26 2.14 0.00	33.99 1.75 0.00	37.95 1.92 0.00	39.04 1.68 0.00	34.49 1.36 0.00	33.03 1.23 0.00
CE_NYC2_DRP 24202	28.22 1.27 0.00	29.19 1.38 0.00	29.66 1.38 0.00	28.22 1.33 0.00	31.42 1.41 0.00	32.09 1.43 0.00	34.67 1.48 0.00	37.15 1.61 0.00	38.65 1.64 0.00	33.44 1.57 0.00	33.11 1.70 0.00	32.75 1.92 0.00	33.21 2.04 0.00	32.50 2.07 0.00	35.21 2.27 0.00	35.80 2.32 0.00	38.61 2.50 0.00	39.73 2.58 0.00	41.57 2.45 0.00	34.16 1.93 0.00	38.10 2.07 0.00	39.17 1.81 0.00	34.59 1.47 0.00	33.09 1.29 0.00
CE_NYC_DRP 24195	28.21 1.27 0.00	29.18 1.37 0.00	29.66 1.39 0.00	28.23 1.34 0.00	31.43 1.42 0.00	32.10 1.44 0.00	34.72 1.53 0.00	37.18 1.64 0.00	38.68 1.67 0.00	33.45 1.57 0.00	33.14 1.73 0.00	32.77 1.94 0.00	33.23 2.05 0.00	32.51 2.08 0.00	35.27 2.32 0.00	35.83 2.36 0.00	38.67 2.56 0.00	39.78 2.62 0.00	41.66 2.54 0.00	34.25 2.02 0.00	38.20 2.16 0.00	39.23 1.87 0.00	34.64 1.52 0.00	33.15 1.35 0.00
CHAFFEE___LFGE 323603	25.44 -1.51 0.00	18.38 -1.80 7.62	24.57 -2.22 1.48	16.59 -2.00 8.30	17.90 -2.21 9.90	23.80 -2.35 4.50	30.37 -2.13 0.68	25.58 -2.18 7.77	19.04 -1.70 16.27	13.98 -2.00 15.89	14.56 -1.77 15.08	23.46 -1.55 5.83	29.49 -1.57 0.11	28.57 -1.65 0.21	26.99 -1.59 4.37	30.37 -1.87 1.23	18.60 -1.95 15.56	19.54 -1.87 15.74	19.86 -1.78 17.48	26.87 -1.56 3.81	34.18 -1.85 0.00	34.61 -1.31 1.44	30.26 -1.34 1.52	30.51 -1.29 0.00
CHATEAUG_35_KV_LOAD 355732	26.94 -0.01 0.00	27.70 -0.10 0.00	28.19 -0.08 0.00	26.80 -0.09 0.00	29.94 -0.07 0.00	30.78 0.12 0.00	33.41 0.22 0.00	35.82 0.28 0.00	37.27 0.26 0.00	32.01 0.14 0.00	31.42 0.02 0.00	30.78 -0.05 0.00	31.04 -0.14 0.00	30.35 -0.07 0.00	32.95 0.00 0.00	33.52 0.04 0.00	36.22 0.11 0.00	37.29 0.13 0.00	39.22 0.10 0.00	32.23 0.00 0.00	36.02 -0.01 0.00	37.35 -0.01 0.00	33.15 0.02 0.00	31.89 0.08 0.00
CHATEAUG_WT_PWR 323614	26.94 -0.01 0.00	27.70 -0.10 0.00	28.19 -0.08 0.00	26.81 -0.08 0.00	29.94 -0.06 0.00	30.80 0.14 0.00	33.42 0.23 0.00	35.83 0.29 0.00	37.30 0.29 0.00	32.07 0.19 0.00	31.48 0.07 0.00	30.82 -0.01 0.00	31.09 -0.09 0.00	30.39 -0.04 0.00	32.98 0.03 0.00	33.54 0.07 0.00	36.25 0.15 0.00	37.30 0.14 0.00	39.24 0.11 0.00	32.22 -0.02 0.00	36.00 -0.03 0.00	37.31 -0.05 0.00	33.13 0.00 0.00	31.87 0.06 0.00
CHAT_HIGH_FALL_HYD 323578	26.94 -0.01 0.00	27.70 -0.10 0.00	28.19 -0.08 0.00	26.80 -0.09 0.00	29.94 -0.07 0.00	30.78 0.12 0.00	33.41 0.22 0.00	35.82 0.28 0.00	37.27 0.26 0.00	32.01 0.14 0.00	31.42 0.02 0.00	30.78 -0.05 0.00	31.04 -0.14 0.00	30.35 -0.07 0.00	32.95 0.00 0.00	33.52 0.04 0.00	36.22 0.11 0.00	37.29 0.13 0.00	39.22 0.10 0.00	32.23 0.00 0.00	36.02 -0.01 0.00	37.35 -0.01 0.00	33.15 0.02 0.00	31.89 0.08 0.00
CHAUTAUQUA___LFGE 323629	25.31 -1.64 0.00	17.88 -1.94 7.98	24.56 -2.16 1.55	16.16 -2.03 8.70	17.41 -2.30 10.30	23.67 -2.41 4.58	30.36 -2.11 0.72	25.15 -2.24 8.14	18.13 -1.84 17.05	13.10 -2.14 16.63	13.96 -1.65 15.80	23.38 -1.35 6.11	29.76 -1.30 0.11	28.72 -1.49 0.22	27.07 -1.30 4.58	30.40 -1.78 1.29	18.05 -1.75 16.30	19.34 -1.36 16.45	19.61 -1.24 18.27	27.06 -1.20 3.98	34.61 -1.42 0.00	34.87 -0.99 1.50	30.37 -1.16 1.59	30.66 -1.14 0.00
CHERRYST_13_KV_LD 356241	28.28 1.33 0.00	29.24 1.44 0.00	29.73 1.45 0.00	28.29 1.40 0.00	31.50 1.49 0.00	32.17 1.51 0.00	34.81 1.63 0.00	37.28 1.75 0.00	38.80 1.79 0.00	33.55 1.68 0.00	33.25 1.84 0.00	32.88 2.05 0.00	33.35 2.17 0.00	32.63 2.20 0.00	35.40 2.45 0.00	35.96 2.48 0.00	38.79 2.69 0.00	39.91 2.76 0.00	41.79 2.67 0.00	34.35 2.12 0.00	38.31 2.27 0.00	39.34 1.98 0.00	34.73 1.61 0.00	33.23 1.42 0.00

CHESTROR_138KV_BK263 355645	27.83 0.89 0.00	28.80 0.99 0.00	29.31 1.04 0.00	27.90 1.01 0.00	31.27 1.09 -0.17	32.05 1.08 -0.31	34.32 1.13 0.00	36.74 1.20 0.00	38.22 1.21 0.00	33.02 1.15 0.00	32.64 1.23 0.00	32.18 1.35 0.00	32.65 1.47 0.00	31.92 1.50 0.00	34.61 1.66 0.00	35.19 1.72 0.00	37.95 1.85 0.00	39.03 1.88 0.00	40.91 1.79 0.00	33.72 1.49 0.00	37.68 1.64 0.00	38.79 1.43 0.00	34.26 1.14 0.00	32.79 0.99 0.00
CH_MIDHUDSON___DRP 24192	28.00 1.05 0.00	28.97 1.16 0.00	29.49 1.21 0.00	28.06 1.17 0.00	31.27 1.26 0.00	31.91 1.25 0.00	34.50 1.31 0.00	37.00 1.46 0.00	38.51 1.50 0.00	33.25 1.38 0.00	32.93 1.52 0.00	32.44 1.61 0.00	32.89 1.71 0.00	32.17 1.74 0.00	34.82 1.87 0.00	35.40 1.93 0.00	38.17 2.06 0.00	39.24 2.09 0.00	41.17 2.05 0.00	33.90 1.67 0.00	37.90 1.86 0.00	39.03 1.67 0.00	34.51 1.38 0.00	33.06 1.26 0.00
CH_MISC_IPPS 23765	28.11 1.17 0.00	29.08 1.27 0.00	29.60 1.32 0.00	28.17 1.28 0.00	31.39 1.38 0.00	32.06 1.40 0.00	34.66 1.48 0.00	37.18 1.64 0.00	38.67 1.66 0.00	33.40 1.53 0.00	33.03 1.63 0.00	32.54 1.70 0.00	33.00 1.82 0.00	32.29 1.87 0.00	34.99 2.04 0.00	35.60 2.13 0.00	38.41 2.30 0.00	39.50 2.34 0.00	41.42 2.30 0.00	34.13 1.89 0.00	38.14 2.10 0.00	39.26 1.90 0.00	34.67 1.55 0.00	33.19 1.39 0.00
CH_RES_BVR_FALLS 23983	26.90 -0.05 0.00	27.73 -0.07 0.00	28.22 -0.06 0.00	26.83 -0.06 0.00	29.93 -0.08 0.00	30.60 -0.06 0.00	33.15 -0.03 0.00	35.50 -0.04 0.00	36.96 -0.06 0.00	31.83 -0.04 0.00	31.32 -0.09 0.00	30.73 -0.11 0.00	31.06 -0.12 0.00	30.30 -0.12 0.00	32.84 -0.10 0.00	33.40 -0.08 0.00	36.02 -0.09 0.00	37.06 -0.10 0.00	39.01 -0.11 0.00	32.17 -0.06 0.00	35.95 -0.09 0.00	37.27 -0.09 0.00	33.03 -0.09 0.00	31.71 -0.09 0.00
CH_RES_NIAGARA 23895	25.04 -1.91 0.00	19.30 -2.20 6.30	24.39 -2.65 1.23	17.66 -2.36 6.87	19.22 -2.59 8.20	24.21 -2.70 3.75	29.95 -2.68 0.57	26.21 -2.84 6.49	21.09 -2.46 13.46	16.27 -2.47 13.13	16.65 -2.29 12.46	23.94 -2.08 4.81	28.97 -2.12 0.09	28.10 -2.16 0.18	27.19 -2.15 3.61	30.03 -2.43 1.02	20.51 -2.74 12.86	21.40 -2.74 13.01	21.87 -2.77 14.48	26.59 -2.52 3.12	33.11 -2.92 0.00	33.79 -2.39 1.18	29.71 -2.17 1.25	29.80 -2.00 0.00
CH_RES_SYRACUSE 23985	26.75 -0.20 0.00	27.59 -0.22 0.00	28.03 -0.25 0.00	26.65 -0.23 0.00	29.54 -0.26 0.22	29.97 -0.29 0.41	32.90 -0.28 0.00	35.18 -0.36 0.00	36.69 -0.32 0.00	31.54 -0.33 0.00	31.08 -0.34 0.00	30.45 -0.38 0.00	30.73 -0.45 0.00	29.90 -0.53 0.00	32.41 -0.54 0.00	32.90 -0.57 0.00	35.52 -0.59 0.00	36.76 -0.39 0.00	38.78 -0.34 0.00	31.94 -0.30 0.00	35.67 -0.36 0.00	37.04 -0.31 0.00	32.87 -0.26 0.00	31.55 -0.25 0.00
CLINTON_WT_PWR 323605	26.94 -0.01 0.00	27.70 -0.10 0.00	28.19 -0.08 0.00	26.81 -0.08 0.00	29.94 -0.06 0.00	30.80 0.14 0.00	33.42 0.23 0.00	35.83 0.29 0.00	37.30 0.29 0.00	32.07 0.19 0.00	31.48 0.07 0.00	30.82 -0.01 0.00	31.09 -0.09 0.00	30.39 -0.04 0.00	32.98 0.03 0.00	33.54 0.07 0.00	36.25 0.15 0.00	37.30 0.14 0.00	39.24 0.11 0.00	32.22 -0.02 0.00	36.00 -0.03 0.00	37.31 -0.05 0.00	33.13 0.00 0.00	31.87 0.06 0.00
CLINTON___LFGE 323618	27.22 0.27 0.00	27.98 0.17 0.00	28.45 0.18 0.00	27.07 0.18 0.00	30.23 0.22 0.00	31.15 0.49 0.00	33.79 0.61 0.00	36.17 0.64 0.00	37.66 0.65 0.00	32.41 0.54 0.00	31.82 0.41 0.00	31.13 0.30 0.00	31.36 0.18 0.00	30.69 0.26 0.00	33.34 0.39 0.00	33.94 0.47 0.00	36.72 0.61 0.00	37.72 0.56 0.00	39.73 0.61 0.00	32.68 0.44 0.00	36.56 0.52 0.00	37.82 0.46 0.00	33.50 0.38 0.00	32.22 0.42 0.00
COBBLENY_34_KV_TB1 80064	25.44 -1.51 0.00	18.37 -1.82 7.62	24.56 -2.23 1.48	16.58 -2.01 8.30	17.88 -2.23 9.90	23.84 -2.32 4.50	30.37 -2.13 0.68	25.57 -2.20 7.77	18.95 -1.79 16.27	13.97 -2.02 15.89	14.54 -1.79 15.08	23.46 -1.55 5.83	29.47 -1.59 0.11	28.52 -1.70 0.21	26.98 -1.60 4.37	30.36 -1.88 1.23	18.53 -2.02 15.56	19.49 -1.93 15.74	19.80 -1.84 17.48	26.84 -1.59 3.81	34.18 -1.86 0.00	34.61 -1.31 1.44	30.24 -1.36 1.52	30.51 -1.29 0.00
COFFEEN___115KV_TB3 355620	26.64 -0.31 0.00	27.39 -0.42 0.00	27.93 -0.34 0.00	26.62 -0.27 0.00	29.60 -0.41 0.00	29.87 -0.79 0.00	32.65 -0.54 0.00	34.76 -0.78 0.00	36.35 -0.66 0.00	31.19 -0.69 0.00	30.40 -1.01 0.00	29.77 -1.06 0.00	29.54 -1.64 0.00	28.54 -1.89 0.00	31.01 -1.94 0.00	31.62 -1.86 0.00	33.67 -2.44 0.00	35.85 -1.30 0.00	38.30 -0.82 0.00	31.60 -0.63 0.00	34.82 -1.22 0.00	36.11 -1.25 0.00	31.82 -1.31 0.00	30.62 -1.18 0.00
COLDSPRG_115KV_BK1 355956	25.72 -1.23 0.00	19.45 -1.46 6.90	25.19 -1.75 1.34	17.80 -1.58 7.51	19.03 -1.76 9.22	24.24 -1.86 4.56	31.11 -1.46 0.62	27.08 -1.42 7.04	21.21 -1.06 14.73	16.06 -1.37 14.44	16.89 -0.88 13.64	24.91 -0.66 5.27	30.40 -0.67 0.10	29.37 -0.86 0.19	28.38 -0.62 3.95	31.36 -1.00 1.12	21.15 -0.89 14.06	22.15 -0.53 14.47	22.64 -0.39 16.09	28.22 -0.51 3.50	35.36 -0.68 0.00	35.78 -0.26 1.32	31.16 -0.56 1.40	31.15 -0.65 0.00
COLONIE_LFGE___ 323577	27.66 0.71 0.00	28.65 0.85 0.00	29.13 0.86 0.00	27.73 0.84 0.00	30.88 0.87 0.00	31.53 0.87 0.00	34.00 0.82 0.00	36.55 1.01 0.00	38.01 1.00 0.00	32.85 0.98 0.00	32.43 1.02 0.00	31.84 1.01 0.00	32.16 0.98 0.00	31.38 0.95 0.00	33.88 0.93 0.00	34.41 0.94 0.00	37.20 1.09 0.00	38.12 0.97 0.00	40.11 0.99 0.00	33.05 0.82 0.00	37.07 1.03 0.00	38.32 0.96 0.00	33.94 0.81 0.00	32.63 0.83 0.00
COOPERNY_115KV_TB1 80082	27.71 0.76 0.00	28.66 0.86 0.00	29.17 0.90 0.00	27.77 0.88 0.00	31.20 0.96 -0.23	32.05 0.96 -0.43	34.18 0.99 0.00	36.59 1.05 0.00	38.04 1.03 0.00	32.86 0.99 0.00	32.49 1.08 0.00	31.99 1.16 0.00	32.36 1.18 0.00	31.72 1.29 0.00	34.39 1.44 0.00	34.94 1.47 0.00	37.70 1.59 0.00	38.78 1.62 0.00	40.65 1.53 0.00	33.52 1.28 0.00	37.44 1.40 0.00	38.60 1.24 0.00	34.11 0.99 0.00	32.66 0.86 0.00
COPENHAGEN_WT_PWR 323753	26.51 -0.44 0.00	27.28 -0.53 0.00	27.84 -0.43 0.00	26.54 -0.35 0.00	29.49 -0.52 0.00	29.65 -1.01 0.00	32.36 -0.82 0.00	34.38 -1.16 0.00	35.95 -1.06 0.00	30.86 -1.01 0.00	30.05 -1.36 0.00	29.44 -1.39 0.00	29.22 -1.95 0.00	28.28 -2.14 0.00	30.63 -2.32 0.00	31.25 -2.22 0.00	33.40 -2.70 0.00	35.44 -1.72 0.00	37.70 -1.42 0.00	31.23 -1.01 0.00	34.30 -1.74 0.00	35.59 -1.77 0.00	31.36 -1.76 0.00	30.23 -1.57 0.00
CORNELL_____ 23752	27.17 0.22 0.00	30.49 0.21 -2.48	28.93 0.17 -0.48	29.74 0.16 -2.70	32.31 0.25 -2.06	30.17 0.25 0.74	33.84 0.43 -0.23	38.54 0.43 -2.57	42.89 0.51 -5.37	38.61 0.31 -6.43	36.64 0.31 -4.93	32.98 0.23 -1.92	31.31 0.10 -0.04	30.19 -0.31 -0.07	34.15 -0.23 -1.44	33.66 -0.21 -0.40	40.85 -0.34 -5.08	42.45 0.13 -5.17	45.35 0.48 -5.75	33.91 0.42 -1.26	36.50 0.47 0.00	38.41 0.57 -0.48	34.03 0.40 -0.50	32.15 0.35 0.00

CORONA_V_69_KV_TB1 355595	28.40 1.44 0.00	29.32 1.52 0.00	33.33 1.67 -3.39	28.53 1.63 -0.01	31.74 1.74 0.00	32.40 1.73 -0.01	58.88 1.79 -23.91	66.76 1.90 -29.32	67.66 1.90 -28.75	37.17 1.79 -3.51	33.27 1.86 0.00	32.81 1.98 0.00	33.34 2.17 0.00	32.49 2.06 0.00	35.28 2.33 0.00	35.92 2.45 0.00	38.78 2.68 0.00	39.83 2.67 0.00	41.69 2.57 0.00	34.36 2.12 0.00	38.46 2.42 0.00	39.54 2.18 0.00	35.03 1.90 0.00	33.56 1.75 0.00
CORTLAND_115KV_TB3 80093	27.10 0.15 0.00	28.28 0.15 -0.32	28.53 0.13 -0.13	27.32 0.11 -0.32	30.67 0.17 -0.49	31.00 0.16 -0.18	33.53 0.26 -0.07	36.66 0.26 -0.86	39.12 0.32 -1.80	34.12 0.18 -2.08	33.28 0.21 -1.66	31.58 0.10 -0.64	31.21 0.02 -0.01	30.24 -0.21 -0.02	33.22 -0.21 -0.48	33.33 -0.14 0.00	35.86 -0.25 0.00	38.01 -0.02 -0.88	40.48 0.26 -1.10	32.72 0.21 -0.28	36.25 0.21 0.00	37.80 0.29 -0.16	33.46 0.17 -0.17	31.93 0.13 0.00
COXSACKIE___GT 23611	28.20 1.25 0.00	29.14 1.33 0.00	29.61 1.34 0.00	28.17 1.28 0.00	31.46 1.45 0.00	32.15 1.49 0.00	34.76 1.57 0.00	37.46 1.92 0.00	38.97 1.96 0.00	33.70 1.82 0.00	33.07 1.67 0.00	32.22 1.39 0.00	32.64 1.47 0.00	31.95 1.52 0.00	34.76 1.81 0.00	35.33 1.86 0.00	38.34 2.24 0.00	39.13 1.98 0.00	41.36 2.24 0.00	34.07 1.84 0.00	38.14 2.11 0.00	39.38 2.02 0.00	34.83 1.71 0.00	33.41 1.61 0.00
CPV_VALLEY___CC1 323721	27.67 0.72 0.00	28.62 0.81 0.00	29.14 0.87 0.00	27.73 0.84 0.00	31.09 0.90 -0.18	31.89 0.89 -0.34	34.09 0.90 0.00	36.50 0.96 0.00	37.94 0.93 0.00	32.79 0.92 0.00	32.45 1.04 0.00	31.99 1.16 0.00	32.43 1.25 0.00	31.71 1.28 0.00	34.36 1.41 0.00	34.93 1.45 0.00	37.66 1.55 0.00	38.74 1.58 0.00	40.59 1.47 0.00	33.48 1.25 0.00	37.40 1.37 0.00	38.51 1.15 0.00	34.03 0.91 0.00	32.59 0.79 0.00
CPV_VALLEY___CC2 323722	27.67 0.72 0.00	28.62 0.81 0.00	29.14 0.87 0.00	27.73 0.84 0.00	31.09 0.90 -0.18	31.89 0.89 -0.34	34.09 0.90 0.00	36.50 0.96 0.00	37.94 0.93 0.00	32.79 0.92 0.00	32.45 1.04 0.00	31.99 1.16 0.00	32.43 1.25 0.00	31.71 1.28 0.00	34.36 1.41 0.00	34.93 1.45 0.00	37.66 1.55 0.00	38.74 1.58 0.00	40.59 1.47 0.00	33.48 1.25 0.00	37.40 1.37 0.00	38.51 1.15 0.00	34.03 0.91 0.00	32.59 0.79 0.00
CRESCENT___HYD 24018	27.66 0.71 0.00	28.65 0.85 0.00	29.13 0.86 0.00	27.73 0.84 0.00	30.88 0.87 0.00	31.53 0.87 0.00	34.00 0.82 0.00	36.55 1.01 0.00	38.01 1.00 0.00	32.85 0.98 0.00	32.43 1.02 0.00	31.84 1.01 0.00	32.16 0.98 0.00	31.38 0.95 0.00	33.88 0.93 0.00	34.41 0.94 0.00	37.20 1.09 0.00	38.12 0.97 0.00	40.11 0.99 0.00	33.05 0.82 0.00	37.07 1.03 0.00	38.32 0.96 0.00	33.94 0.81 0.00	32.63 0.83 0.00
CRICKET___VALLEY_CC1 323756	27.68 0.73 0.00	28.70 0.89 0.00	29.23 0.96 0.00	27.83 0.94 0.00	30.96 0.96 0.00	31.62 0.96 0.00	34.08 0.89 0.00	36.58 1.04 0.00	38.05 1.04 0.00	32.90 1.02 0.00	32.69 1.29 0.00	32.26 1.42 0.00	32.69 1.51 0.00	31.96 1.52 0.00	34.57 1.62 0.00	35.06 1.59 0.00	37.75 1.64 0.00	38.82 1.67 0.00	40.71 1.59 0.00	33.54 1.30 0.00	37.52 1.48 0.00	38.65 1.29 0.00	34.22 1.10 0.00	32.84 1.04 0.00
CRICKET___VALLEY_CC2 323757	27.68 0.73 0.00	28.70 0.89 0.00	29.23 0.96 0.00	27.83 0.94 0.00	30.96 0.96 0.00	31.62 0.96 0.00	34.08 0.89 0.00	36.58 1.04 0.00	38.05 1.04 0.00	32.90 1.02 0.00	32.69 1.29 0.00	32.26 1.42 0.00	32.69 1.51 0.00	31.96 1.52 0.00	34.57 1.62 0.00	35.06 1.59 0.00	37.75 1.64 0.00	38.82 1.67 0.00	40.71 1.59 0.00	33.54 1.30 0.00	37.52 1.48 0.00	38.65 1.29 0.00	34.22 1.10 0.00	32.84 1.04 0.00
CRICKET___VALLEY_CC3 323758	27.68 0.73 0.00	28.70 0.89 0.00	29.23 0.96 0.00	27.83 0.94 0.00	30.96 0.96 0.00	31.62 0.96 0.00	34.08 0.89 0.00	36.58 1.04 0.00	38.05 1.04 0.00	32.90 1.02 0.00	32.69 1.29 0.00	32.26 1.42 0.00	32.69 1.51 0.00	31.96 1.52 0.00	34.57 1.62 0.00	35.06 1.59 0.00	37.75 1.64 0.00	38.82 1.67 0.00	40.71 1.59 0.00	33.54 1.30 0.00	37.52 1.48 0.00	38.65 1.29 0.00	34.22 1.10 0.00	32.84 1.04 0.00
CRUCIBLE_METL_DRP 24180	26.75 -0.20 0.00	27.59 -0.22 0.00	28.03 -0.25 0.00	26.65 -0.23 0.00	29.54 -0.26 0.22	29.97 -0.28 0.41	32.90 -0.28 0.00	35.18 -0.36 0.00	36.68 -0.33 0.00	31.54 -0.33 0.00	31.07 -0.34 0.00	30.45 -0.39 0.00	30.73 -0.45 0.00	29.89 -0.53 0.00	32.41 -0.54 0.00	32.90 -0.58 0.00	35.51 -0.59 0.00	36.76 -0.40 0.00	38.78 -0.34 0.00	31.93 -0.30 0.00	35.67 -0.36 0.00	37.05 -0.31 0.00	32.86 -0.26 0.00	31.55 -0.25 0.00
DAHOWA___HYDRO 323763	28.05 1.10 0.00	29.07 1.26 0.00	29.54 1.27 0.00	28.18 1.29 0.00	31.41 1.40 0.00	32.21 1.55 0.00	34.80 1.61 0.00	37.45 1.91 0.00	38.98 1.97 0.00	33.65 1.78 0.00	33.07 1.67 0.00	32.28 1.44 0.00	32.52 1.34 0.00	31.72 1.29 0.00	34.38 1.43 0.00	34.94 1.47 0.00	37.80 1.70 0.00	38.85 1.69 0.00	40.88 1.76 0.00	33.68 1.45 0.00	37.80 1.77 0.00	39.04 1.68 0.00	34.42 1.29 0.00	33.08 1.28 0.00
DANC___LFGE 323619	26.46 -0.49 0.00	27.25 -0.55 0.00	27.76 -0.51 0.00	26.43 -0.46 0.00	29.42 -0.59 0.00	29.74 -0.92 0.00	32.35 -0.83 0.00	34.47 -1.07 0.00	36.01 -1.01 0.00	30.94 -0.93 0.00	30.30 -1.11 0.00	29.69 -1.14 0.00	29.68 -1.50 0.00	28.80 -1.63 0.00	31.18 -1.77 0.00	31.72 -1.75 0.00	34.03 -2.07 0.00	35.75 -1.40 0.00	37.88 -1.24 0.00	31.32 -0.92 0.00	34.63 -1.41 0.00	35.94 -1.42 0.00	31.78 -1.34 0.00	30.62 -1.18 0.00
DANSKAMMER___1 23586	28.11 1.17 0.00	29.08 1.27 0.00	29.60 1.32 0.00	28.17 1.28 0.00	31.39 1.38 0.00	32.06 1.40 0.00	34.66 1.48 0.00	37.18 1.64 0.00	38.67 1.66 0.00	33.40 1.53 0.00	33.03 1.63 0.00	32.54 1.70 0.00	33.00 1.82 0.00	32.29 1.87 0.00	34.99 2.04 0.00	35.60 2.13 0.00	38.41 2.30 0.00	39.50 2.34 0.00	41.42 2.30 0.00	34.13 1.89 0.00	38.14 2.10 0.00	39.26 1.90 0.00	34.67 1.55 0.00	33.19 1.39 0.00
DANSKAMMER___2 23589	28.11 1.17 0.00	29.08 1.27 0.00	29.60 1.32 0.00	28.17 1.28 0.00	31.39 1.38 0.00	32.06 1.40 0.00	34.66 1.48 0.00	37.18 1.64 0.00	38.67 1.66 0.00	33.40 1.53 0.00	33.03 1.63 0.00	32.54 1.70 0.00	33.00 1.82 0.00	32.29 1.87 0.00	34.99 2.04 0.00	35.60 2.13 0.00	38.41 2.30 0.00	39.50 2.34 0.00	41.42 2.30 0.00	34.13 1.89 0.00	38.14 2.10 0.00	39.26 1.90 0.00	34.67 1.55 0.00	33.19 1.39 0.00
DANSKAMMER___3 23590	28.11 1.17 0.00	29.08 1.27 0.00	29.60 1.32 0.00	28.17 1.28 0.00	31.39 1.38 0.00	32.06 1.40 0.00	34.66 1.48 0.00	37.18 1.64 0.00	38.67 1.66 0.00	33.40 1.53 0.00	33.03 1.63 0.00	32.54 1.70 0.00	33.00 1.82 0.00	32.29 1.87 0.00	34.99 2.04 0.00	35.60 2.13 0.00	38.41 2.30 0.00	39.50 2.34 0.00	41.42 2.30 0.00	34.13 1.89 0.00	38.14 2.10 0.00	39.26 1.90 0.00	34.67 1.55 0.00	33.19 1.39 0.00

DANSKAMMER___4 23591	28.11 1.17 0.00	29.08 1.27 0.00	29.60 1.32 0.00	28.17 1.28 0.00	31.39 1.38 0.00	32.06 1.40 0.00	34.66 1.48 0.00	37.18 1.64 0.00	38.67 1.66 0.00	33.40 1.53 0.00	33.03 1.63 0.00	32.54 1.70 0.00	33.00 1.82 0.00	32.29 1.87 0.00	34.99 2.04 0.00	35.60 2.13 0.00	38.41 2.30 0.00	39.50 2.34 0.00	41.42 2.30 0.00	34.13 1.89 0.00	38.14 2.10 0.00	39.26 1.90 0.00	34.67 1.55 0.00	33.19 1.39 0.00
DANSKAMMER___DIESEL 23592	28.11 1.17 0.00	29.08 1.27 0.00	29.60 1.32 0.00	28.17 1.28 0.00	31.39 1.39 0.00	32.05 1.39 0.00	34.67 1.48 0.00	37.18 1.64 0.00	38.70 1.69 0.00	33.40 1.53 0.00	33.03 1.63 0.00	32.54 1.71 0.00	33.00 1.82 0.00	32.31 1.88 0.00	34.99 2.04 0.00	35.61 2.13 0.00	38.41 2.31 0.00	39.51 2.35 0.00	41.42 2.30 0.00	34.13 1.90 0.00	38.14 2.10 0.00	39.26 1.90 0.00	34.68 1.55 0.00	33.19 1.39 0.00
DARBY___SOLAR 323810	27.99 1.04 0.00	29.01 1.20 0.00	29.49 1.22 0.00	28.12 1.23 0.00	31.33 1.32 0.00	32.10 1.44 0.00	34.68 1.49 0.00	37.29 1.75 0.00	38.81 1.80 0.00	33.50 1.63 0.00	32.95 1.54 0.00	32.18 1.35 0.00	32.45 1.27 0.00	31.66 1.23 0.00	34.28 1.33 0.00	34.83 1.36 0.00	37.66 1.56 0.00	38.68 1.53 0.00	40.72 1.60 0.00	33.54 1.31 0.00	37.65 1.61 0.00	38.88 1.52 0.00	34.32 1.19 0.00	32.99 1.19 0.00
DASHVILLE___HYD 23610	27.81 0.86 0.00	28.77 0.96 0.00	29.28 1.01 0.00	27.87 0.98 0.00	31.07 1.06 0.00	31.69 1.03 0.00	34.28 1.09 0.00	36.76 1.22 0.00	38.26 1.25 0.00	33.03 1.16 0.00	32.68 1.28 0.00	32.20 1.37 0.00	32.66 1.49 0.00	31.96 1.53 0.00	34.64 1.69 0.00	35.23 1.76 0.00	38.01 1.91 0.00	39.11 1.96 0.00	41.02 1.90 0.00	33.78 1.55 0.00	37.74 1.71 0.00	38.88 1.52 0.00	34.35 1.22 0.00	32.87 1.07 0.00
DELAWARE___LFGE 323621	27.49 0.54 0.00	28.38 0.57 0.00	28.87 0.60 0.00	27.46 0.57 0.00	31.17 0.69 -0.48	32.34 0.78 -0.90	35.34 2.16 0.00	37.94 2.40 0.00	39.39 2.38 0.00	33.83 1.89 -0.07	33.15 1.74 0.00	32.38 1.55 0.00	32.83 1.65 0.00	31.86 1.43 0.00	34.13 1.18 0.00	34.26 0.79 0.00	36.98 0.87 0.00	38.09 0.94 0.00	40.07 0.95 0.00	33.03 0.80 0.00	36.92 0.89 0.00	38.31 0.95 0.00	33.86 0.74 0.00	32.44 0.64 0.00
DERFIELD_115KV_TB7 355931	26.98 0.04 0.00	27.86 0.06 0.00	28.33 0.06 0.00	26.94 0.06 0.00	30.07 0.06 0.00	30.70 0.04 0.00	33.22 0.03 0.00	35.57 0.03 0.00	37.03 0.02 0.00	31.90 0.03 0.00	31.44 0.03 0.00	30.88 0.05 0.00	31.24 0.06 0.00	30.49 0.06 0.00	33.00 0.05 0.00	33.53 0.06 0.00	36.18 0.08 0.00	37.19 0.04 0.00	39.17 0.05 0.00	32.30 0.06 0.00	36.11 0.07 0.00	37.42 0.06 0.00	33.17 0.04 0.00	31.83 0.03 0.00
DOGLEVILLE___HYD 23807	27.90 0.95 0.00	28.91 1.11 0.00	29.36 1.08 0.00	27.85 0.96 0.00	31.14 1.13 0.00	31.64 0.98 0.00	34.09 0.90 0.00	36.80 1.26 0.00	38.19 1.18 0.00	32.72 0.85 0.00	31.96 0.55 0.00	31.23 0.40 0.00	32.13 0.95 0.00	31.49 1.06 0.00	34.22 1.27 0.00	34.60 1.13 0.00	37.45 1.34 0.00	38.26 1.11 0.00	39.93 0.81 0.00	33.54 1.31 0.00	37.86 1.83 0.00	39.12 1.76 0.00	34.59 1.46 0.00	33.18 1.38 0.00
DUNKIRK___115KV_TB_200 55889	25.36 -1.59 0.00	17.90 -1.88 8.03	24.59 -2.12 1.56	16.16 -1.98 8.74	17.42 -2.24 10.34	23.76 -2.32 4.58	30.40 -2.06 0.72	25.15 -2.21 8.18	18.04 -1.84 17.13	13.07 -2.09 16.71	13.91 -1.62 15.88	23.37 -1.32 6.14	29.75 -1.31 0.12	28.69 -1.51 0.22	27.04 -1.30 4.61	30.43 -1.74 1.30	17.95 -1.77 16.39	19.23 -1.40 16.53	19.47 -1.31 18.35	26.99 -1.25 4.00	34.56 -1.47 0.00	34.82 -1.03 1.51	30.33 -1.20 1.60	30.64 -1.16 0.00
DUNKIRK___1 23563	25.36 -1.59 0.00	17.90 -1.88 8.03	24.59 -2.12 1.56	16.16 -1.98 8.74	17.42 -2.24 10.34	23.76 -2.32 4.58	30.40 -2.06 0.72	25.15 -2.21 8.18	18.04 -1.84 17.13	13.07 -2.09 16.71	13.91 -1.62 15.88	23.37 -1.32 6.14	29.75 -1.31 0.12	28.69 -1.51 0.22	27.04 -1.30 4.61	30.43 -1.74 1.30	17.95 -1.77 16.39	19.23 -1.40 16.53	19.47 -1.31 18.35	26.99 -1.25 4.00	34.56 -1.47 0.00	34.82 -1.03 1.51	30.33 -1.20 1.60	30.64 -1.16 0.00
DUNKIRK___2 23564	25.36 -1.59 0.00	17.90 -1.88 8.03	24.59 -2.12 1.56	16.16 -1.98 8.74	17.42 -2.24 10.34	23.76 -2.32 4.58	30.40 -2.06 0.72	25.15 -2.21 8.18	18.04 -1.84 17.13	13.07 -2.09 16.71	13.91 -1.62 15.88	23.37 -1.32 6.14	29.75 -1.31 0.12	28.69 -1.51 0.22	27.04 -1.30 4.61	30.43 -1.74 1.30	17.95 -1.77 16.39	19.23 -1.40 16.53	19.47 -1.31 18.35	26.99 -1.25 4.00	34.56 -1.47 0.00	34.82 -1.03 1.51	30.33 -1.20 1.60	30.64 -1.16 0.00
DUNKIRK___3 23565	25.40 -1.55 0.00	17.76 -1.82 8.23	24.56 -2.12 1.60	15.99 -1.94 8.96	17.28 -2.17 10.56	23.77 -2.29 4.61	30.39 -2.06 0.74	24.97 -2.19 8.39	17.64 -1.81 17.56	12.72 -2.03 17.12	13.49 -1.63 16.28	23.16 -1.38 6.29	29.67 -1.39 0.12	28.64 -1.56 0.23	26.86 -1.37 4.72	30.39 -1.75 1.33	17.52 -1.78 16.80	18.70 -1.54 16.91	18.88 -1.47 18.77	26.73 -1.42 4.09	34.36 -1.67 0.00	34.60 -1.22 1.54	30.16 -1.33 1.64	30.52 -1.28 0.00
DUNKIRK___4 23566	25.40 -1.55 0.00	17.76 -1.82 8.23	24.56 -2.12 1.60	15.99 -1.94 8.96	17.28 -2.17 10.56	23.77 -2.29 4.61	30.39 -2.06 0.74	24.97 -2.19 8.39	17.64 -1.81 17.56	12.72 -2.03 17.12	13.49 -1.63 16.28	23.16 -1.38 6.29	29.67 -1.39 0.12	28.64 -1.56 0.23	26.86 -1.37 4.72	30.39 -1.75 1.33	17.52 -1.78 16.80	18.70 -1.54 16.91	18.88 -1.47 18.77	26.73 -1.42 4.09	34.36 -1.67 0.00	34.60 -1.22 1.54	30.16 -1.33 1.64	30.52 -1.28 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	28.12 1.17 0.00	29.08 1.27 0.00	29.58 1.31 0.00	28.16 1.27 0.00	31.36 1.35 0.00	32.01 1.35 0.00	34.64 1.45 0.00	37.10 1.56 0.00	38.59 1.58 0.00	33.36 1.48 0.00	33.04 1.63 0.00	32.63 1.80 0.00	33.09 1.91 0.00	32.37 1.94 0.00	35.11 2.16 0.00	35.68 2.21 0.00	38.49 2.38 0.00	39.58 2.43 0.00	41.46 2.34 0.00	34.12 1.88 0.00	38.09 2.06 0.00	39.17 1.81 0.00	34.61 1.49 0.00	33.14 1.34 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	28.00 1.05 0.00	28.97 1.16 0.00	29.48 1.20 0.00	28.06 1.17 0.00	31.27 1.27 0.00	31.93 1.27 0.00	34.53 1.34 0.00	37.01 1.47 0.00	38.50 1.49 0.00	33.23 1.36 0.00	32.84 1.44 0.00	32.37 1.53 0.00	32.82 1.65 0.00	32.13 1.70 0.00	34.82 1.87 0.00	35.44 1.96 0.00	38.23 2.13 0.00	39.33 2.17 0.00	41.22 2.10 0.00	33.98 1.74 0.00	37.96 1.93 0.00	39.07 1.72 0.00	34.51 1.39 0.00	33.02 1.22 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	28.22 1.27 0.00	29.19 1.38 0.00	29.64 1.36 0.00	28.20 1.31 0.00	31.44 1.43 0.00	32.14 1.48 0.00	34.64 1.46 0.00	37.12 1.59 0.00	38.61 1.60 0.00	33.44 1.57 0.00	33.03 1.62 0.00	32.68 1.85 0.00	33.13 1.95 0.00	32.42 1.99 0.00	35.07 2.12 0.00	35.69 2.22 0.00	38.47 2.37 0.00	39.62 2.47 0.00	41.47 2.35 0.00	34.13 1.90 0.00	38.07 2.04 0.00	39.17 1.81 0.00	34.57 1.45 0.00	33.09 1.29 0.00

E179THST_13_KV_LOAD 356214	28.31 1.36 0.00	29.27 1.47 0.00	29.71 1.44 0.00	28.28 1.38 0.00	31.52 1.52 0.00	32.22 1.56 0.00	34.75 1.57 0.00	37.27 1.73 0.00	38.78 1.77 0.00	33.57 1.70 0.00	33.17 1.76 0.00	32.81 1.98 0.00	33.26 2.09 0.00	32.56 2.13 0.00	35.22 2.27 0.00	35.85 2.38 0.00	38.65 2.54 0.00	39.79 2.63 0.00	41.66 2.54 0.00	34.28 2.05 0.00	38.24 2.20 0.00	39.34 1.98 0.00	34.71 1.59 0.00	33.22 1.42 0.00
EAST HAMPTON___GT 23717	29.51 2.56 0.00	30.42 2.61 0.00	32.62 2.71 -1.64	29.52 2.63 -0.01	32.91 2.90 0.00	33.61 2.94 -0.01	47.97 3.18 -11.60	53.17 3.40 -14.23	54.25 3.29 -13.95	36.63 3.05 -1.70	34.32 2.91 0.00	33.65 2.82 0.00	34.08 2.90 0.00	33.04 2.62 0.00	35.94 2.99 0.00	36.68 3.21 0.00	39.78 3.67 0.00	40.89 3.74 0.00	41.36 2.24 0.00	33.50 1.26 0.00	37.66 1.63 0.00	38.72 1.37 0.00	34.30 1.18 0.00	32.87 1.07 0.00
EAST RIVER___6 23660	28.26 1.31 0.00	29.22 1.41 0.00	29.71 1.43 0.00	28.27 1.38 0.00	31.48 1.48 0.00	32.16 1.51 0.00	34.79 1.61 0.00	37.27 1.73 0.00	38.76 1.75 0.00	33.54 1.66 0.00	33.23 1.83 0.00	32.89 2.06 0.00	33.34 2.16 0.00	32.61 2.18 0.00	35.41 2.46 0.00	35.96 2.49 0.00	38.80 2.69 0.00	39.92 2.76 0.00	41.79 2.66 0.00	34.35 2.12 0.00	38.31 2.27 0.00	39.34 1.98 0.00	34.72 1.60 0.00	33.22 1.42 0.00
EAST RIVER___7 23524	28.26 1.31 0.00	29.22 1.41 0.00	29.71 1.43 0.00	28.27 1.38 0.00	31.48 1.48 0.00	32.16 1.51 0.00	34.79 1.61 0.00	37.27 1.73 0.00	38.76 1.75 0.00	33.54 1.66 0.00	33.23 1.83 0.00	32.89 2.06 0.00	33.34 2.16 0.00	32.61 2.18 0.00	35.41 2.46 0.00	35.96 2.49 0.00	38.80 2.69 0.00	39.92 2.76 0.00	41.79 2.66 0.00	34.35 2.12 0.00	38.31 2.27 0.00	39.34 1.98 0.00	34.72 1.60 0.00	33.22 1.42 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	28.07 1.12 0.00	29.04 1.23 0.00	29.54 1.27 0.00	28.11 1.22 0.00	31.31 1.31 0.00	31.97 1.31 0.00	34.57 1.38 0.00	37.02 1.48 0.00	38.51 1.50 0.00	33.28 1.41 0.00	32.96 1.55 0.00	32.55 1.72 0.00	33.00 1.83 0.00	32.28 1.85 0.00	35.01 2.07 0.00	35.59 2.12 0.00	38.39 2.28 0.00	39.48 2.33 0.00	41.36 2.24 0.00	34.05 1.81 0.00	38.02 1.99 0.00	39.11 1.75 0.00	34.55 1.43 0.00	33.08 1.28 0.00
EAST_HAMPTON___DIESEL 23722	29.52 2.57 0.00	30.42 2.62 0.00	32.62 2.71 -1.64	29.53 2.63 -0.01	32.91 2.90 0.00	33.62 2.95 -0.01	47.98 3.19 -11.60	53.17 3.41 -14.23	54.26 3.30 -13.95	36.64 3.06 -1.70	34.32 2.91 0.00	33.66 2.82 0.00	34.09 2.91 0.00	33.05 2.62 0.00	35.94 2.99 0.00	36.69 3.22 0.00	39.79 3.69 0.00	40.90 3.75 0.00	41.31 2.19 0.00	33.43 1.20 0.00	37.59 1.55 0.00	38.64 1.28 0.00	34.24 1.11 0.00	32.81 1.00 0.00
EAST_POINT___SOLAR 323840	28.21 1.26 0.00	29.03 1.22 0.00	29.50 1.23 0.00	28.02 1.13 0.00	31.32 1.32 0.00	32.17 1.51 0.00	35.27 2.08 0.00	37.83 2.29 0.00	39.23 2.22 0.00	33.53 1.65 0.00	32.18 0.77 0.00	31.07 0.24 0.00	31.89 0.72 0.00	31.57 1.14 0.00	34.46 1.51 0.00	34.46 0.99 0.00	37.02 0.92 0.00	37.88 0.73 0.00	39.55 0.43 0.00	33.74 1.50 0.00	38.24 2.21 0.00	39.56 2.20 0.00	34.92 1.79 0.00	33.44 1.64 0.00
EAST_PULASKI___ESR 323781	26.46 -0.48 0.00	27.27 -0.54 0.00	27.72 -0.56 0.00	26.36 -0.53 0.00	29.40 -0.61 0.00	29.91 -0.76 0.00	32.45 -0.74 0.00	34.65 -0.89 0.00	36.14 -0.87 0.00	31.10 -0.77 0.00	30.60 -0.81 0.00	30.00 -0.83 0.00	30.16 -1.02 0.00	29.33 -1.09 0.00	31.75 -1.20 0.00	32.26 -1.22 0.00	34.75 -1.36 0.00	36.16 -0.99 0.00	38.14 -0.97 0.00	31.50 -0.73 0.00	35.03 -1.00 0.00	36.37 -0.99 0.00	32.27 -0.86 0.00	31.06 -0.74 0.00
EAST_RIVER___1 323558	28.22 1.27 0.00	29.17 1.36 0.00	29.66 1.39 0.00	28.22 1.33 0.00	31.43 1.42 0.00	32.11 1.45 0.00	34.72 1.53 0.00	37.18 1.64 0.00	38.65 1.64 0.00	33.44 1.57 0.00	33.14 1.73 0.00	32.77 1.94 0.00	33.22 2.05 0.00	32.49 2.06 0.00	35.27 2.32 0.00	35.83 2.36 0.00	38.66 2.55 0.00	39.77 2.62 0.00	41.64 2.52 0.00	34.25 2.01 0.00	38.20 2.16 0.00	39.23 1.87 0.00	34.64 1.51 0.00	33.15 1.35 0.00
EAST_RIVER___2 323559	28.26 1.31 0.00	29.22 1.41 0.00	29.71 1.43 0.00	28.27 1.38 0.00	31.48 1.48 0.00	32.16 1.51 0.00	34.79 1.61 0.00	37.27 1.73 0.00	38.76 1.75 0.00	33.54 1.66 0.00	33.23 1.83 0.00	32.89 2.06 0.00	33.34 2.16 0.00	32.61 2.18 0.00	35.41 2.46 0.00	35.96 2.49 0.00	38.80 2.69 0.00	39.92 2.76 0.00	41.79 2.66 0.00	34.35 2.12 0.00	38.31 2.27 0.00	39.34 1.98 0.00	34.72 1.60 0.00	33.22 1.42 0.00
EAST___DELAWARE_HYD 23607	27.99 1.04 0.00	29.08 1.27 0.00	29.62 1.34 0.00	28.19 1.30 0.00	31.65 1.45 -0.19	32.56 1.54 -0.36	34.83 1.64 0.00	37.32 1.78 0.00	38.81 1.80 0.00	33.47 1.60 0.00	33.03 1.63 0.00	32.51 1.68 0.00	32.99 1.82 0.00	32.26 1.83 0.00	35.09 2.14 0.00	35.69 2.22 0.00	38.54 2.44 0.00	39.68 2.53 0.00	41.63 2.51 0.00	34.29 2.05 0.00	38.32 2.29 0.00	39.45 2.09 0.00	34.79 1.67 0.00	33.27 1.47 0.00
EIGHT_POINT___WT_PWR 323820	25.43 -1.52 0.00	52.58 -2.43 -27.21	30.96 -2.60 -5.29	53.98 -2.54 -29.63	55.06 -2.71 -27.76	29.55 -2.84 -1.73	32.88 -2.75 -2.44	60.10 -3.20 -27.76	92.01 -3.14 -58.14	83.45 -3.24 -54.81	82.49 -2.86 -53.94	49.24 -2.69 -21.10	28.94 -2.63 -0.40	28.41 -2.78 -0.77	45.77 -3.01 -15.83	34.75 -3.18 -4.46	89.53 -2.82 -56.24	91.99 -1.92 -56.76	100.30 -1.85 -63.03	43.69 -2.28 -13.73	34.01 -2.04 -0.01	41.02 -1.52 -5.18	36.91 -1.71 -5.50	30.34 -1.46 0.00
ELBRIDGE_115KV_TB2 80188	26.60 -0.35 0.00	27.44 -0.37 0.00	27.87 -0.40 0.00	26.52 -0.37 0.00	29.36 -0.39 0.26	29.76 -0.41 0.48	32.74 -0.45 0.00	35.00 -0.54 0.00	36.49 -0.52 0.00	31.37 -0.50 0.00	30.90 -0.50 0.00	30.28 -0.55 0.00	30.56 -0.61 0.00	29.73 -0.70 0.00	32.24 -0.71 0.00	32.73 -0.74 0.00	35.34 -0.77 0.00	36.55 -0.61 0.00	38.55 -0.57 0.00	31.76 -0.48 0.00	35.48 -0.56 0.00	36.86 -0.50 0.00	32.70 -0.42 0.00	31.43 -0.37 0.00
ELEC_TRO_TEK 24086	28.31 1.36 0.00	29.24 1.43 0.00	32.70 1.57 -2.86	28.42 1.52 -0.01	31.62 1.61 0.00	32.28 1.60 -0.01	55.02 1.67 -20.16	62.02 1.77 -24.72	63.00 1.75 -24.24	36.49 1.67 -2.96	33.15 1.74 0.00	32.69 1.86 0.00	33.24 2.06 0.00	32.37 1.94 0.00	35.17 2.22 0.00	35.80 2.33 0.00	38.64 2.54 0.00	39.66 2.51 0.00	41.50 2.38 0.00	34.22 1.98 0.00	38.29 2.26 0.00	39.38 2.03 0.00	34.89 1.77 0.00	33.43 1.62 0.00
ELLENBURG_WT_PWR 323604	26.94 -0.01 0.00	27.70 -0.10 0.00	28.19 -0.08 0.00	26.81 -0.08 0.00	29.94 -0.06 0.00	30.80 0.14 0.00	33.42 0.23 0.00	35.83 0.29 0.00	37.30 0.29 0.00	32.07 0.19 0.00	31.48 0.07 0.00	30.82 -0.01 0.00	31.09 -0.09 0.00	30.39 -0.04 0.00	32.98 0.03 0.00	33.54 0.07 0.00	36.25 0.15 0.00	37.30 0.14 0.00	39.24 0.11 0.00	32.22 -0.02 0.00	36.00 -0.03 0.00	37.31 -0.05 0.00	33.13 0.00 0.00	31.87 0.06 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	25.35 -1.60 0.00	17.48 -1.92 8.41	24.32 -2.32 1.64	15.64 -2.09 9.16	17.04 -2.31 10.66	23.81 -2.40 4.45	30.17 -2.26 0.75	24.63 -2.34 8.57	17.09 -1.97 17.95	12.27 -2.13 17.47	12.86 -1.90 16.65	22.72 -1.67 6.44	29.35 -1.71 0.12	28.38 -1.81 0.23	26.40 -1.72 4.83	30.08 -2.02 1.36	16.73 -2.18 17.19	17.82 -2.09 17.25	17.92 -2.05 19.15	26.13 -1.94 4.17	33.77 -2.26 0.00	34.05 -1.73 1.57	29.78 -1.67 1.67	30.23 -1.57 0.00
EMPIRE_CC_1 323656	27.39 0.44 0.00	28.40 0.60 0.00	28.90 0.62 0.00	27.49 0.60 0.00	30.60 0.59 0.00	31.18 0.52 0.00	33.58 0.39 0.00	36.00 0.47 0.00	37.39 0.38 0.00	32.38 0.51 0.00	32.06 0.65 0.00	31.53 0.70 0.00	31.85 0.67 0.00	31.11 0.69 0.00	33.54 0.59 0.00	34.04 0.56 0.00	36.73 0.62 0.00	37.57 0.42 0.00	39.51 0.39 0.00	32.56 0.32 0.00	36.51 0.48 0.00	37.75 0.39 0.00	33.55 0.42 0.00	32.29 0.49 0.00
EMPIRE_CC_2 323658	27.39 0.44 0.00	28.40 0.60 0.00	28.90 0.62 0.00	27.49 0.60 0.00	30.60 0.59 0.00	31.18 0.52 0.00	33.58 0.39 0.00	36.00 0.47 0.00	37.39 0.38 0.00	32.38 0.51 0.00	32.06 0.65 0.00	31.53 0.70 0.00	31.85 0.67 0.00	31.11 0.69 0.00	33.54 0.59 0.00	34.04 0.56 0.00	36.73 0.62 0.00	37.57 0.42 0.00	39.51 0.39 0.00	32.56 0.32 0.00	36.51 0.48 0.00	37.75 0.39 0.00	33.55 0.42 0.00	32.29 0.49 0.00
ENORWICH_115KV_TB1 80156	28.07 1.13 0.00	30.23 1.29 -1.12	29.80 1.31 -0.22	29.28 1.17 -1.23	33.04 1.53 -1.51	33.16 1.75 -0.75	35.69 2.39 -0.11	39.33 2.56 -1.23	41.79 2.20 -2.58	36.33 1.55 -2.90	35.03 1.23 -2.38	32.94 1.19 -0.92	32.34 1.15 -0.02	30.99 0.52 -0.03	34.00 0.36 -0.69	33.91 0.26 -0.18	38.70 0.30 -2.29	39.52 0.05 -2.32	42.97 1.28 -2.57	34.75 1.95 -0.56	38.52 2.48 0.00	40.34 2.77 -0.21	35.48 2.13 -0.23	33.74 1.94 0.00
ERIE_ST__34_KV_TB1-2 80199	25.47 -1.48 0.00	18.54 -1.71 7.56	24.62 -2.19 1.47	16.73 -1.93 8.23	18.12 -2.10 9.78	24.02 -2.25 4.39	30.50 -2.01 0.68	25.82 -2.01 7.71	19.30 -1.58 16.13	14.32 -1.80 15.75	14.89 -1.57 14.95	23.65 -1.41 5.78	29.61 -1.46 0.11	28.67 -1.55 0.21	27.16 -1.46 4.34	30.50 -1.75 1.22	18.88 -1.79 15.43	19.91 -1.76 15.49	20.28 -1.65 17.20	26.85 -1.64 3.75	34.06 -1.97 0.00	34.52 -1.43 1.41	30.17 -1.45 1.50	30.39 -1.41 0.00
ERIE_WT_PWR 323693	25.45 -1.50 0.00	17.80 -1.80 8.20	24.46 -2.23 1.59	15.96 -2.00 8.93	17.31 -2.24 10.46	23.79 -2.38 4.49	30.30 -2.15 0.73	24.97 -2.21 8.36	17.80 -1.71 17.50	12.81 -2.02 17.05	13.41 -1.77 16.22	22.97 -1.59 6.27	29.47 -1.59 0.12	28.55 -1.65 0.23	26.64 -1.60 4.71	30.24 -1.91 1.33	17.38 -1.98 16.75	18.45 -1.93 16.77	18.66 -1.84 18.61	26.39 -2.12 4.05	33.91 -1.57 0.00	34.26 -1.54 1.53	29.96 -1.54 1.62	30.33 -1.47 0.00
ESPRGFLD_115KV_TB1 80157	27.74 0.79 0.00	28.53 0.72 0.00	29.01 0.74 0.00	27.56 0.67 0.00	31.07 0.81 -0.25	32.10 0.96 -0.48	35.18 1.99 0.00	37.73 2.19 0.00	39.16 2.15 0.00	33.50 1.63 0.00	32.71 1.31 0.00	31.91 1.08 0.00	32.32 1.15 0.00	31.57 1.15 0.00	34.02 1.08 0.00	34.23 0.76 0.00	36.96 0.86 0.00	38.13 0.98 0.00	40.18 1.06 0.00	33.44 1.21 0.00	37.44 1.41 0.00	38.86 1.50 0.00	34.34 1.22 0.00	32.87 1.07 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	27.16 0.21 0.00	30.07 0.21 -2.05	28.85 0.17 -0.40	29.28 0.16 -2.23	32.03 0.25 -1.77	30.44 0.26 0.48	33.78 0.41 -0.19	38.08 0.41 -2.13	41.93 0.48 -4.45	37.45 0.28 -5.29	35.77 0.27 -4.09	32.61 0.18 -1.59	31.28 0.07 -0.03	30.18 -0.30 -0.06	33.90 -0.25 -1.19	33.58 -0.22 -0.33	39.96 -0.34 -4.20	41.49 0.06 -4.27	44.27 0.40 -4.75	33.65 0.37 -1.04	36.44 0.40 0.00	38.26 0.50 -0.39	33.88 0.34 -0.42	32.11 0.31 0.00
ETNA____115KV_TB2 80207	27.16 0.21 0.00	30.07 0.21 -2.05	28.85 0.17 -0.40	29.28 0.16 -2.23	32.03 0.25 -1.77	30.44 0.26 0.48	33.78 0.41 -0.19	38.08 0.41 -2.13	41.93 0.48 -4.45	37.45 0.28 -5.29	35.77 0.27 -4.09	32.61 0.18 -1.59	31.28 0.07 -0.03	30.18 -0.30 -0.06	33.90 -0.25 -1.19	33.58 -0.22 -0.33	39.96 -0.34 -4.20	41.49 0.06 -4.27	44.27 0.40 -4.75	33.65 0.37 -1.04	36.44 0.40 0.00	38.26 0.50 -0.39	33.88 0.34 -0.42	32.11 0.31 0.00
EUCLID__115KV_TB2 356179	26.56 -0.39 0.00	27.39 -0.42 0.00	27.82 -0.45 0.00	26.46 -0.43 0.00	29.55 -0.46 0.00	30.16 -0.50 0.00	32.67 -0.51 0.00	34.94 -0.60 0.00	36.42 -0.59 0.00	31.34 -0.53 0.00	30.88 -0.56 0.00	30.28 -0.61 0.00	30.57 -0.68 0.00	29.75 -0.71 0.00	32.24 -0.74 0.00	32.73 -0.83 0.00	35.28 -0.66 0.00	36.49 -0.61 0.00	38.51 -0.54 0.00	31.69 -0.63 0.00	35.41 -0.59 0.00	36.77 -0.48 0.00	32.64 -0.48 0.00	31.32 -0.48 0.00
E_CANADA_CAP_HY 24051	27.87 0.92 0.00	28.65 0.84 0.00	29.12 0.85 0.00	27.65 0.76 0.00	31.07 0.89 -0.18	32.03 1.04 -0.33	34.79 1.60 0.00	37.29 1.76 0.00	38.71 1.71 0.00	33.18 1.31 0.00	32.26 0.85 0.00	31.38 0.54 0.00	31.90 0.72 0.00	31.38 0.95 0.00	33.99 1.04 0.00	34.20 0.73 0.00	36.92 0.82 0.00	37.98 0.82 0.00	39.86 0.74 0.00	33.43 1.20 0.00	37.56 1.53 0.00	38.91 1.55 0.00	34.43 1.31 0.00	33.04 1.24 0.00
E_CANADA_MHWK_HY 24050	27.90 0.95 0.00	28.91 1.11 0.00	29.36 1.08 0.00	27.85 0.96 0.00	31.14 1.13 0.00	31.64 0.98 0.00	34.09 0.90 0.00	36.80 1.25 0.00	38.19 1.18 0.00	32.72 0.85 0.00	31.96 0.55 0.00	31.23 0.40 0.00	32.13 0.95 0.00	31.49 1.06 0.00	34.22 1.27 0.00	34.60 1.13 0.00	37.45 1.34 0.00	38.26 1.11 0.00	39.93 0.81 0.00	33.54 1.31 0.00	37.86 1.83 0.00	39.12 1.76 0.00	34.59 1.46 0.00	33.18 1.38 0.00
E_FISHKILL__LBMP 23776	27.85 0.90 0.00	28.83 1.02 0.00	29.34 1.07 0.00	27.93 1.04 0.00	31.11 1.11 0.00	31.75 1.09 0.00	34.30 1.11 0.00	36.76 1.22 0.00	38.26 1.24 0.00	33.05 1.17 0.00	32.74 1.34 0.00	32.30 1.47 0.00	32.74 1.56 0.00	32.01 1.58 0.00	34.68 1.72 0.00	35.21 1.74 0.00	37.98 1.88 0.00	39.05 1.90 0.00	40.94 1.82 0.00	33.72 1.48 0.00	37.68 1.64 0.00	38.80 1.44 0.00	34.32 1.19 0.00	32.88 1.08 0.00
FALCON__SEABRD_CC1 323796	27.20 0.25 0.00	27.96 0.15 0.00	28.43 0.16 0.00	27.06 0.17 0.00	30.22 0.21 0.00	31.14 0.47 0.00	33.75 0.56 0.00	36.21 0.67 0.00	37.71 0.70 0.00	32.48 0.60 0.00	31.87 0.46 0.00	31.18 0.35 0.00	31.41 0.23 0.00	30.70 0.27 0.00	33.30 0.35 0.00	33.91 0.44 0.00	36.71 0.61 0.00	37.67 0.52 0.00	39.67 0.55 0.00	32.61 0.37 0.00	36.49 0.46 0.00	37.73 0.37 0.00	33.44 0.31 0.00	32.20 0.40 0.00
FALCON__SEABRD_CC2 323797	27.20 0.25 0.00	27.96 0.15 0.00	28.43 0.16 0.00	27.06 0.17 0.00	30.22 0.21 0.00	31.14 0.47 0.00	33.75 0.56 0.00	36.21 0.67 0.00	37.71 0.70 0.00	32.48 0.60 0.00	31.87 0.46 0.00	31.18 0.35 0.00	31.41 0.23 0.00	30.70 0.27 0.00	33.30 0.35 0.00	33.91 0.44 0.00	36.71 0.61 0.00	37.67 0.52 0.00	39.67 0.55 0.00	32.61 0.37 0.00	36.49 0.46 0.00	37.73 0.37 0.00	33.44 0.31 0.00	32.20 0.40 0.00

FAR ROCKAWAY___4 23548	28.56 1.61 0.00	29.49 1.68 0.00	33.07 1.85 -2.96	28.69 1.79 -0.01	31.92 1.91 0.00	32.59 1.92 -0.01	56.03 2.00 -20.84	63.22 2.13 -25.55	64.22 2.15 -25.06	36.91 1.98 -3.06	33.46 2.05 0.00	33.00 2.17 0.00	33.54 2.36 0.00	32.66 2.23 0.00	35.49 2.54 0.00	36.16 2.69 0.00	39.07 2.97 0.00	40.11 2.96 0.00	42.01 2.88 0.00	34.62 2.39 0.00	38.76 2.72 0.00	39.84 2.48 0.00	35.29 2.16 0.00	33.79 1.98 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	28.27 1.32 0.00	29.19 1.39 0.00	29.67 1.40 0.00	28.23 1.34 0.00	31.44 1.43 0.00	32.10 1.44 0.00	34.71 1.53 0.00	37.17 1.63 0.00	38.67 1.66 0.00	33.43 1.56 0.00	33.12 1.71 0.00	32.75 1.92 0.00	33.22 2.05 0.00	32.49 2.07 0.00	35.26 2.31 0.00	35.82 2.35 0.00	38.64 2.54 0.00	39.76 2.61 0.00	41.64 2.52 0.00	34.24 2.01 0.00	38.20 2.16 0.00	39.23 1.87 0.00	34.64 1.52 0.00	33.15 1.35 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	28.23 1.28 0.00	29.19 1.39 0.00	29.67 1.40 0.00	28.24 1.35 0.00	31.44 1.43 0.00	32.11 1.45 0.00	34.72 1.54 0.00	37.18 1.64 0.00	38.68 1.67 0.00	33.44 1.57 0.00	33.13 1.72 0.00	32.75 1.92 0.00	33.22 2.04 0.00	32.49 2.06 0.00	35.25 2.30 0.00	35.82 2.35 0.00	38.64 2.54 0.00	39.77 2.62 0.00	41.64 2.52 0.00	34.25 2.02 0.00	38.21 2.17 0.00	39.24 1.88 0.00	34.65 1.53 0.00	33.15 1.35 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	28.21 1.26 0.00	29.18 1.37 0.00	29.66 1.39 0.00	28.22 1.33 0.00	31.43 1.42 0.00	32.09 1.43 0.00	34.70 1.52 0.00	37.17 1.63 0.00	38.67 1.65 0.00	33.43 1.55 0.00	33.12 1.71 0.00	32.75 1.92 0.00	33.21 2.03 0.00	32.48 2.05 0.00	35.24 2.29 0.00	35.80 2.33 0.00	38.63 2.53 0.00	39.75 2.60 0.00	41.63 2.51 0.00	34.23 1.99 0.00	38.18 2.14 0.00	39.21 1.85 0.00	34.63 1.50 0.00	33.14 1.33 0.00
FARRAGUT___LBMP 323566	28.19 1.24 0.00	29.16 1.35 0.00	29.64 1.37 0.00	28.21 1.31 0.00	31.41 1.40 0.00	32.07 1.41 0.00	34.68 1.49 0.00	37.14 1.60 0.00	38.63 1.62 0.00	33.39 1.52 0.00	33.08 1.67 0.00	32.71 1.88 0.00	33.17 2.00 0.00	32.45 2.02 0.00	35.20 2.25 0.00	35.77 2.30 0.00	38.60 2.49 0.00	39.71 2.56 0.00	41.59 2.47 0.00	34.20 1.97 0.00	38.15 2.11 0.00	39.19 1.83 0.00	34.60 1.48 0.00	33.11 1.31 0.00
FARRCKWY_69_KV_BK2 55825	28.56 1.61 0.00	29.49 1.68 0.00	33.07 1.85 -2.96	28.69 1.79 -0.01	31.92 1.91 0.00	32.59 1.92 -0.01	56.03 2.00 -20.84	63.22 2.13 -25.55	64.22 2.15 -25.06	36.91 1.98 -3.06	33.46 2.05 0.00	33.00 2.17 0.00	33.54 2.36 0.00	32.66 2.23 0.00	35.49 2.54 0.00	36.16 2.69 0.00	39.07 2.97 0.00	40.11 2.96 0.00	42.01 2.88 0.00	34.62 2.39 0.00	38.76 2.72 0.00	39.84 2.48 0.00	35.29 2.16 0.00	33.79 1.98 0.00
FENNER___WINDPWR 24204	27.30 0.36 0.00	28.17 0.36 0.00	28.60 0.33 0.00	27.21 0.31 0.00	30.40 0.39 0.00	31.03 0.37 0.00	33.69 0.51 0.00	36.03 0.49 0.00	37.51 0.50 0.00	32.39 0.32 -0.20	31.73 0.32 0.00	31.09 0.25 0.00	31.35 0.17 0.00	30.39 -0.04 0.00	32.80 -0.15 0.00	33.48 0.01 0.00	36.05 -0.05 0.00	37.30 0.15 0.00	39.79 0.67 0.00	32.76 0.52 0.00	36.59 0.55 0.00	37.97 0.61 0.00	33.59 0.46 0.00	32.20 0.39 0.00
FIBERTEK___ENERGY 23856	26.75 -0.20 0.00	27.59 -0.22 0.00	28.03 -0.25 0.00	26.65 -0.23 0.00	29.54 -0.26 0.22	29.97 -0.28 0.41	32.90 -0.28 0.00	35.18 -0.36 0.00	36.68 -0.33 0.00	31.54 -0.33 0.00	31.07 -0.34 0.00	30.45 -0.39 0.00	30.73 -0.45 0.00	29.89 -0.53 0.00	32.41 -0.54 0.00	32.90 -0.58 0.00	35.51 -0.59 0.00	36.76 -0.40 0.00	38.78 -0.34 0.00	31.93 -0.30 0.00	35.67 -0.36 0.00	37.05 -0.31 0.00	32.86 -0.26 0.00	31.55 -0.25 0.00
FITZPATRICK___ 23598	26.15 -0.80 0.00	26.97 -0.84 0.00	27.40 -0.88 0.00	26.06 -0.83 0.00	29.10 -0.91 0.00	29.70 -0.95 0.00	32.14 -1.05 0.00	34.33 -1.21 0.00	35.79 -1.22 0.00	30.79 -1.08 0.00	30.32 -1.09 0.00	29.75 -1.08 0.00	30.07 -1.11 0.00	29.30 -1.12 0.00	31.75 -1.20 0.00	32.24 -1.23 0.00	34.77 -1.33 0.00	35.85 -1.30 0.00	37.79 -1.33 0.00	31.14 -1.10 0.00	34.79 -1.25 0.00	36.14 -1.22 0.00	32.13 -1.00 0.00	30.86 -0.94 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	28.16 1.21 0.00	29.13 1.32 0.00	29.64 1.37 0.00	28.21 1.32 0.00	31.43 1.43 0.00	32.10 1.44 0.00	34.73 1.54 0.00	37.25 1.71 0.00	38.77 1.76 0.00	33.46 1.59 0.00	33.10 1.69 0.00	32.60 1.77 0.00	33.06 1.89 0.00	32.37 1.94 0.00	35.06 2.11 0.00	35.67 2.20 0.00	38.48 2.38 0.00	39.58 2.42 0.00	41.50 2.38 0.00	34.19 1.95 0.00	38.20 2.17 0.00	39.34 1.98 0.00	34.74 1.62 0.00	33.25 1.45 0.00
FORT ORANGE___ 23900	27.43 0.48 0.00	28.41 0.60 0.00	28.90 0.62 0.00	27.49 0.60 0.00	30.65 0.64 0.00	31.25 0.59 0.00	33.63 0.44 0.00	36.09 0.56 0.00	37.53 0.52 0.00	32.44 0.57 0.00	32.04 0.63 0.00	31.43 0.59 0.00	31.78 0.60 0.00	31.10 0.67 0.00	33.64 0.69 0.00	34.15 0.67 0.00	36.90 0.80 0.00	37.75 0.60 0.00	39.72 0.60 0.00	32.74 0.51 0.00	36.66 0.62 0.00	37.89 0.53 0.00	33.66 0.53 0.00	32.39 0.59 0.00
FORT_DRUM_COGEN 23780	26.62 -0.33 0.00	27.38 -0.43 0.00	27.92 -0.35 0.00	26.61 -0.28 0.00	29.58 -0.43 0.00	29.82 -0.84 0.00	32.59 -0.60 0.00	34.69 -0.85 0.00	36.24 -0.77 0.00	31.10 -0.77 0.00	30.31 -1.10 0.00	29.69 -1.14 0.00	29.48 -1.70 0.00	28.53 -1.90 0.00	30.94 -2.01 0.00	31.55 -1.93 0.00	33.65 -2.45 0.00	35.68 -1.47 0.00	38.11 -1.01 0.00	31.50 -0.74 0.00	34.68 -1.36 0.00	35.98 -1.38 0.00	31.71 -1.41 0.00	30.54 -1.26 0.00
FOX_HILLS___ESR 323835	28.33 1.39 0.00	29.32 1.52 0.00	29.82 1.55 0.00	28.38 1.49 0.00	31.61 1.60 0.00	32.29 1.63 0.00	34.91 1.72 0.00	37.34 1.80 0.00	38.85 1.84 0.00	33.57 1.69 0.00	33.22 1.81 0.00	32.88 2.05 0.00	33.34 2.16 0.00	32.61 2.18 0.00	35.38 2.44 0.00	35.99 2.52 0.00	38.79 2.68 0.00	39.92 2.77 0.00	41.75 2.63 0.00	34.26 2.03 0.00	38.23 2.20 0.00	39.30 1.94 0.00	34.66 1.53 0.00	33.17 1.37 0.00
FPL_FAR_ROCK_GT1 24212	28.56 1.61 0.00	29.48 1.67 0.00	33.08 1.85 -2.96	28.69 1.79 -0.01	31.92 1.91 0.00	32.60 1.93 -0.01	56.03 2.00 -20.84	63.22 2.13 -25.55	64.19 2.12 -25.06	36.90 1.97 -3.06	33.45 2.05 0.00	33.00 2.17 0.00	33.53 2.36 0.00	32.65 2.22 0.00	35.49 2.54 0.00	36.16 2.69 0.00	39.06 2.96 0.00	40.10 2.95 0.00	41.98 2.86 0.00	34.62 2.39 0.00	38.75 2.72 0.00	39.84 2.48 0.00	35.29 2.16 0.00	33.79 1.98 0.00
FPL_FAR_ROCK_GT2 23815	28.56 1.61 0.00	29.48 1.67 0.00	33.08 1.85 -2.96	28.69 1.79 -0.01	31.92 1.91 0.00	32.60 1.93 -0.01	56.03 2.00 -20.84	63.22 2.13 -25.55	64.19 2.12 -25.06	36.90 1.97 -3.06	33.45 2.05 0.00	33.00 2.17 0.00	33.53 2.36 0.00	32.65 2.22 0.00	35.49 2.54 0.00	36.16 2.69 0.00	39.06 2.96 0.00	40.10 2.95 0.00	41.98 2.86 0.00	34.62 2.39 0.00	38.75 2.72 0.00	39.84 2.48 0.00	35.29 2.16 0.00	33.79 1.98 0.00

FRANKLIN_FALL_HYD 24054	27.07 0.12 0.00	27.82 0.01 0.00	28.32 0.04 0.00	26.92 0.04 0.00	30.07 0.06 0.00	30.95 0.29 0.00	33.66 0.48 0.00	36.14 0.60 0.00	37.65 0.64 0.00	32.35 0.48 0.00	31.78 0.37 0.00	31.11 0.27 0.00	31.35 0.17 0.00	30.51 0.08 0.00	32.94 -0.01 0.00	33.47 0.00 0.00	36.17 0.06 0.00	37.21 0.06 0.00	39.18 0.06 0.00	32.24 0.00 0.00	35.99 -0.05 0.00	37.28 -0.08 0.00	33.07 -0.05 0.00	31.81 0.01 0.00
FREEPORT_EQUS_GT1 23764	28.52 1.57 0.00	29.43 1.62 0.00	32.19 1.75 -2.17	28.59 1.69 -0.01	31.82 1.81 0.00	32.50 1.83 -0.01	50.44 1.91 -15.34	56.39 2.04 -18.81	57.45 1.99 -18.45	35.86 1.73 -2.25	33.18 1.77 0.00	32.74 1.90 0.00	33.40 2.22 0.00	32.47 2.04 0.00	35.28 2.33 0.00	35.94 2.47 0.00	38.89 2.79 0.00	39.95 2.79 0.00	41.78 2.66 0.00	34.46 2.22 0.00	38.61 2.57 0.00	39.71 2.35 0.00	35.18 2.05 0.00	33.69 1.88 0.00
FREEPORT___CT2 23818	28.52 1.57 0.00	29.43 1.62 0.00	32.19 1.75 -2.17	28.59 1.69 -0.01	31.82 1.81 0.00	32.50 1.83 -0.01	50.44 1.91 -15.34	56.39 2.04 -18.81	57.45 1.99 -18.45	35.86 1.73 -2.25	33.18 1.77 0.00	32.74 1.90 0.00	33.40 2.22 0.00	32.47 2.04 0.00	35.28 2.33 0.00	35.94 2.47 0.00	38.89 2.79 0.00	39.95 2.79 0.00	41.78 2.66 0.00	34.46 2.22 0.00	38.61 2.57 0.00	39.71 2.35 0.00	35.18 2.05 0.00	33.69 1.88 0.00
FRESHKLS_33_KV_LOAD 356253	28.42 1.47 0.00	29.46 1.65 0.00	29.96 1.68 0.00	28.49 1.60 0.00	31.75 1.74 0.00	32.44 1.77 0.00	35.07 1.88 0.00	37.50 1.96 0.00	39.02 2.00 0.00	33.67 1.80 0.00	33.31 1.90 0.00	32.97 2.14 0.00	33.42 2.24 0.00	32.70 2.28 0.00	35.51 2.56 0.00	36.12 2.65 0.00	38.93 2.82 0.00	40.04 2.89 0.00	41.89 2.76 0.00	34.35 2.11 0.00	38.33 2.30 0.00	39.40 2.04 0.00	34.75 1.63 0.00	33.26 1.46 0.00
FULTON COGEN____ 23766	26.21 -0.73 0.00	27.04 -0.77 0.00	27.47 -0.81 0.00	26.13 -0.76 0.00	29.17 -0.84 0.00	29.77 -0.89 0.00	32.24 -0.95 0.00	34.47 -1.07 0.00	35.94 -1.07 0.00	30.93 -0.94 0.00	30.47 -0.94 0.00	29.86 -0.97 0.00	30.13 -1.04 0.00	29.36 -1.07 0.00	31.80 -1.15 0.00	32.25 -1.22 0.00	34.76 -1.34 0.00	36.03 -1.12 0.00	37.97 -1.15 0.00	31.28 -0.96 0.00	34.94 -1.10 0.00	36.29 -1.08 0.00	32.22 -0.91 0.00	30.93 -0.87 0.00
FULTON___LFGE 323630	28.01 1.06 0.00	28.85 1.04 0.00	29.33 1.05 0.00	27.86 0.97 0.00	31.13 1.12 0.00	31.92 1.26 0.00	34.89 1.70 0.00	37.43 1.89 0.00	38.86 1.85 0.00	33.36 1.48 0.00	32.41 1.01 0.00	31.42 0.58 0.00	32.08 0.90 0.00	31.65 1.22 0.00	34.33 1.38 0.00	34.60 1.13 0.00	37.35 1.25 0.00	38.27 1.12 0.00	39.96 0.84 0.00	33.68 1.44 0.00	37.90 1.87 0.00	39.21 1.85 0.00	34.65 1.53 0.00	33.19 1.39 0.00
G.F.CEMENT___DRP 24184	28.17 1.22 0.00	29.22 1.41 0.00	29.70 1.42 0.00	28.37 1.48 0.00	31.61 1.61 0.00	32.51 1.85 0.00	35.12 1.94 0.00	37.82 2.29 0.00	39.41 2.40 0.00	34.02 2.15 0.00	33.35 1.94 0.00	32.54 1.71 0.00	32.70 1.53 0.00	31.88 1.45 0.00	34.57 1.62 0.00	35.13 1.65 0.00	38.01 1.91 0.00	39.12 1.96 0.00	41.20 2.08 0.00	33.90 1.67 0.00	38.08 2.05 0.00	39.30 1.94 0.00	34.58 1.46 0.00	33.26 1.46 0.00
GARDENVILLE___LBMP 24039	25.37 -1.58 0.00	16.78 -1.89 9.14	24.21 -2.28 1.78	14.87 -2.06 9.96	16.23 -2.28 11.50	23.59 -2.39 4.69	30.14 -2.23 0.82	23.92 -2.30 9.31	15.59 -1.92 19.50	10.80 -2.11 18.97	11.47 -1.85 18.09	22.20 -1.64 7.00	29.37 -1.67 0.13	28.39 -1.78 0.25	26.01 -1.69 5.25	30.00 -1.99 1.48	15.30 -2.12 18.68	16.39 -2.01 18.75	16.36 -1.96 20.81	25.84 -1.86 4.53	33.86 -2.18 0.00	34.01 -1.64 1.71	29.69 -1.62 1.81	30.28 -1.53 0.00
GARDNVLA_35_KV_LD 355827	25.48 -1.47 0.00	18.16 -1.80 7.85	24.53 -2.22 1.53	16.34 -2.00 8.55	17.70 -2.22 10.08	23.94 -2.31 4.42	30.37 -2.11 0.70	25.37 -2.17 8.00	18.48 -1.77 16.75	13.56 -1.98 16.33	14.13 -1.75 15.53	23.32 -1.50 6.00	29.52 -1.54 0.11	28.56 -1.65 0.22	26.90 -1.55 4.50	30.37 -1.83 1.27	18.09 -1.99 16.03	19.19 -1.93 16.04	19.48 -1.85 17.80	26.60 -1.76 3.88	33.98 -2.05 0.00	34.40 -1.50 1.46	30.09 -1.49 1.55	30.40 -1.40 0.00
GELCKHM___115KV_LOAD 80723	26.64 -0.31 0.00	27.48 -0.33 0.00	27.90 -0.37 0.00	26.55 -0.34 0.00	29.46 -0.37 0.17	29.92 -0.41 0.33	32.77 -0.42 0.00	35.04 -0.50 0.00	36.53 -0.48 0.00	31.43 -0.44 0.00	30.96 -0.45 0.00	30.35 -0.49 0.00	30.62 -0.56 0.00	29.80 -0.63 0.00	32.30 -0.65 0.00	32.78 -0.69 0.00	35.34 -0.76 0.00	36.59 -0.57 0.00	38.62 -0.50 0.00	31.79 -0.44 0.00	35.51 -0.52 0.00	36.87 -0.49 0.00	32.72 -0.40 0.00	31.41 -0.40 0.00
GENERAL___MILLS 23808	25.44 -1.51 0.00	17.77 -1.84 8.20	24.44 -2.24 1.59	15.94 -2.02 8.93	17.30 -2.25 10.46	23.84 -2.34 4.49	30.30 -2.15 0.73	24.96 -2.23 8.36	17.68 -1.83 17.50	12.80 -2.03 17.05	13.39 -1.79 16.22	23.00 -1.56 6.27	29.46 -1.60 0.12	28.49 -1.71 0.23	26.63 -1.62 4.71	30.23 -1.91 1.33	17.30 -2.05 16.75	18.41 -1.97 16.77	18.59 -1.91 18.61	26.37 -1.81 4.05	33.91 -2.12 0.00	34.26 -1.57 1.53	29.95 -1.55 1.62	30.34 -1.46 0.00
GE_PLASTICS___DRP 24183	27.37 0.42 0.00	28.34 0.53 0.00	28.82 0.55 0.00	27.43 0.54 0.00	30.58 0.57 0.00	31.17 0.51 0.00	33.59 0.40 0.00	36.02 0.48 0.00	37.47 0.46 0.00	32.37 0.50 0.00	31.99 0.58 0.00	31.43 0.60 0.00	31.80 0.62 0.00	31.08 0.65 0.00	33.60 0.65 0.00	34.11 0.64 0.00	36.83 0.73 0.00	37.74 0.58 0.00	39.69 0.57 0.00	32.69 0.46 0.00	36.58 0.55 0.00	37.84 0.48 0.00	33.59 0.47 0.00	32.30 0.50 0.00
GILBOA___1 23756	27.45 0.50 0.00	28.39 0.58 0.00	28.88 0.60 0.00	27.49 0.59 0.00	30.91 0.72 -0.17	31.59 0.60 -0.33	33.77 0.58 0.00	36.20 0.66 0.00	37.65 0.64 0.00	32.51 0.63 0.00	32.12 0.71 0.00	31.58 0.74 0.00	31.96 0.78 0.00	31.22 0.79 0.00	33.79 0.84 0.00	34.33 0.86 0.00	37.03 0.93 0.00	38.06 0.91 0.00	40.00 0.88 0.00	32.90 0.66 0.00	36.74 0.71 0.00	38.12 0.76 0.00	33.74 0.62 0.00	32.38 0.58 0.00
GILBOA___2 23757	27.45 0.50 0.00	28.39 0.58 0.00	28.88 0.60 0.00	27.49 0.59 0.00	30.91 0.72 -0.17	31.59 0.60 -0.33	33.77 0.58 0.00	36.20 0.66 0.00	37.65 0.64 0.00	32.51 0.63 0.00	32.12 0.71 0.00	31.58 0.74 0.00	31.96 0.78 0.00	31.22 0.79 0.00	33.79 0.84 0.00	34.33 0.86 0.00	37.03 0.93 0.00	38.06 0.91 0.00	40.00 0.88 0.00	32.90 0.66 0.00	36.74 0.71 0.00	38.12 0.76 0.00	33.74 0.62 0.00	32.38 0.58 0.00
GILBOA___3 23758	27.45 0.50 0.00	28.39 0.58 0.00	28.88 0.60 0.00	27.49 0.59 0.00	30.91 0.72 -0.17	31.59 0.60 -0.33	33.77 0.58 0.00	36.20 0.66 0.00	37.65 0.64 0.00	32.51 0.63 0.00	32.12 0.71 0.00	31.58 0.74 0.00	31.96 0.78 0.00	31.22 0.79 0.00	33.79 0.84 0.00	34.33 0.86 0.00	37.03 0.93 0.00	38.06 0.91 0.00	40.00 0.88 0.00	32.90 0.66 0.00	36.74 0.71 0.00	38.12 0.76 0.00	33.74 0.62 0.00	32.38 0.58 0.00

GILBOA___4 23759	27.45 0.50 0.00	28.39 0.58 0.00	28.88 0.60 0.00	27.49 0.59 0.00	30.91 0.72 -0.17	31.59 0.60 -0.33	33.77 0.58 0.00	36.20 0.66 0.00	37.65 0.64 0.00	32.51 0.63 0.00	32.12 0.71 0.00	31.58 0.74 0.00	31.96 0.78 0.00	31.22 0.79 0.00	33.79 0.84 0.00	34.33 0.86 0.00	37.03 0.93 0.00	38.06 0.91 0.00	40.00 0.88 0.00	32.90 0.66 0.00	36.74 0.71 0.00	38.12 0.76 0.00	33.74 0.62 0.00	32.38 0.58 0.00
GILBOA____ 23599	27.45 0.50 0.00	28.39 0.58 0.00	28.88 0.60 0.00	27.49 0.60 0.00	30.91 0.73 -0.17	31.59 0.60 -0.33	33.77 0.58 0.00	36.21 0.67 0.00	37.67 0.66 0.00	32.51 0.63 0.00	32.13 0.72 0.00	31.58 0.75 0.00	31.96 0.79 0.00	31.23 0.80 0.00	33.79 0.84 0.00	34.33 0.86 0.00	37.04 0.94 0.00	38.07 0.91 0.00	40.02 0.90 0.00	32.91 0.67 0.00	36.75 0.71 0.00	38.12 0.76 0.00	33.74 0.62 0.00	32.38 0.58 0.00
GINNA____ 23603	25.11 -1.84 0.00	25.78 -2.02 0.00	26.06 -2.21 0.00	24.82 -2.07 0.00	27.07 -2.26 0.68	27.10 -2.27 1.29	30.96 -2.23 0.00	33.16 -2.38 0.00	34.77 -2.24 0.00	29.54 -2.19 0.15	29.16 -2.24 0.00	28.71 -2.13 0.00	29.08 -2.10 0.00	28.33 -2.09 0.00	30.79 -2.16 0.00	31.24 -2.24 0.00	33.61 -2.50 0.00	34.68 -2.47 0.00	36.64 -2.48 0.00	30.13 -2.10 0.00	33.67 -2.36 0.00	35.11 -2.25 0.00	31.09 -2.04 0.00	29.80 -1.99 0.00
GLEN PARK____ 23778	26.60 -0.35 0.00	27.35 -0.46 0.00	27.90 -0.38 0.00	26.58 -0.31 0.00	29.55 -0.45 0.00	29.82 -0.84 0.00	32.59 -0.60 0.00	34.69 -0.85 0.00	36.28 -0.73 0.00	31.13 -0.74 0.00	30.34 -1.07 0.00	29.71 -1.12 0.00	29.49 -1.69 0.00	28.49 -1.94 0.00	30.95 -2.00 0.00	31.55 -1.92 0.00	33.61 -2.49 0.00	35.75 -1.40 0.00	38.22 -0.90 0.00	31.54 -0.69 0.00	34.74 -1.29 0.00	36.03 -1.33 0.00	31.75 -1.37 0.00	30.56 -1.24 0.00
GLENDALE_27_KV_LOAD 356172	28.34 1.39 0.00	29.30 1.50 0.00	29.77 1.50 0.00	28.32 1.43 0.00	31.54 1.53 0.00	32.21 1.55 0.00	34.83 1.64 0.00	37.32 1.79 0.00	38.85 1.84 0.00	33.60 1.73 0.00	33.28 1.87 0.00	32.91 2.08 0.00	33.37 2.19 0.00	32.65 2.22 0.00	35.39 2.44 0.00	35.98 2.51 0.00	38.80 2.70 0.00	39.93 2.77 0.00	41.79 2.67 0.00	34.35 2.11 0.00	38.31 2.28 0.00	39.38 2.02 0.00	34.76 1.63 0.00	33.25 1.45 0.00
GLENWOOD_IC_1_G5 23712	28.38 1.43 0.00	29.32 1.52 0.00	32.51 1.60 -2.63	28.45 1.55 -0.01	31.67 1.67 0.00	32.32 1.65 -0.01	53.54 1.76 -18.59	60.21 1.88 -22.79	61.26 1.90 -22.36	36.36 1.76 -2.73	33.26 1.85 0.00	32.83 2.00 0.00	33.35 2.18 0.00	32.52 2.10 0.00	35.31 2.36 0.00	35.92 2.45 0.00	38.79 2.69 0.00	39.84 2.68 0.00	41.68 2.56 0.00	34.24 2.00 0.00	38.28 2.25 0.00	39.37 2.01 0.00	34.95 1.82 0.00	33.47 1.66 0.00
GLENWOOD_IC_2_G1 23688	28.22 1.27 0.00	29.17 1.36 0.00	29.83 1.44 -0.12	28.28 1.39 0.00	31.49 1.48 0.00	32.15 1.49 0.00	35.60 1.56 -0.85	38.26 1.67 -1.05	39.70 1.66 -1.03	33.57 1.57 -0.13	33.09 1.68 0.00	32.68 1.84 0.00	33.17 1.99 0.00	32.36 1.94 0.00	35.14 2.19 0.00	35.73 2.26 0.00	38.55 2.45 0.00	39.61 2.46 0.00	41.48 2.36 0.00	34.15 1.92 0.00	38.17 2.14 0.00	39.26 1.90 0.00	34.73 1.61 0.00	33.27 1.47 0.00
GLENWOOD_IC_3_G1 23689	28.22 1.27 0.00	29.17 1.36 0.00	29.83 1.44 -0.12	28.28 1.39 0.00	31.49 1.48 0.00	32.15 1.49 0.00	35.60 1.56 -0.85	38.26 1.67 -1.05	39.70 1.66 -1.03	33.57 1.57 -0.13	33.09 1.68 0.00	32.68 1.84 0.00	33.17 1.99 0.00	32.36 1.94 0.00	35.14 2.19 0.00	35.73 2.26 0.00	38.55 2.45 0.00	39.61 2.46 0.00	41.48 2.36 0.00	34.15 1.92 0.00	38.17 2.14 0.00	39.26 1.90 0.00	34.73 1.61 0.00	33.27 1.47 0.00
GLENWOOD___4 23550	28.38 1.43 0.00	29.32 1.52 0.00	32.51 1.60 -2.63	28.45 1.55 -0.01	31.67 1.67 0.00	32.32 1.65 -0.01	53.54 1.76 -18.59	60.21 1.88 -22.79	61.26 1.90 -22.36	36.36 1.76 -2.73	33.27 1.86 0.00	32.83 2.00 0.00	33.35 2.18 0.00	32.52 2.10 0.00	35.31 2.36 0.00	35.92 2.45 0.00	38.79 2.69 0.00	39.84 2.68 0.00	41.69 2.57 0.00	34.28 2.04 0.00	38.32 2.29 0.00	39.42 2.06 0.00	34.95 1.82 0.00	33.47 1.66 0.00
GLENWOOD___5 23614	28.38 1.43 0.00	29.32 1.52 0.00	32.51 1.60 -2.63	28.45 1.55 -0.01	31.67 1.67 0.00	32.32 1.65 -0.01	53.54 1.76 -18.59	60.21 1.88 -22.79	61.26 1.90 -22.36	36.36 1.76 -2.73	33.27 1.86 0.00	32.83 2.00 0.00	33.35 2.18 0.00	32.52 2.10 0.00	35.31 2.36 0.00	35.92 2.45 0.00	38.79 2.69 0.00	39.84 2.68 0.00	41.69 2.57 0.00	34.28 2.04 0.00	38.32 2.29 0.00	39.42 2.06 0.00	34.95 1.82 0.00	33.47 1.66 0.00
GLOBAL GREEN_PORT_GT1 23814	29.43 2.49 0.00	30.33 2.53 0.00	32.54 2.62 -1.64	29.44 2.55 -0.01	32.81 2.80 0.00	33.51 2.84 -0.01	47.85 3.06 -11.60	53.04 3.28 -14.23	54.12 3.16 -13.95	36.52 2.95 -1.70	34.22 2.81 0.00	33.56 2.73 0.00	33.99 2.82 0.00	32.98 2.55 0.00	35.85 2.90 0.00	36.58 3.11 0.00	39.66 3.56 0.00	40.78 3.62 0.00	41.58 2.46 0.00	33.89 1.66 0.00	38.09 2.06 0.00	39.19 1.83 0.00	34.72 1.60 0.00	33.26 1.46 0.00
GLOBE___DSASP 323697	24.99 -1.96 0.00	19.27 -2.24 6.30	24.35 -2.70 1.22	17.63 -2.41 6.86	19.18 -2.64 8.19	24.17 -2.75 3.74	29.88 -2.75 0.57	26.14 -2.91 6.49	21.03 -2.53 13.45	16.24 -2.52 13.12	16.62 -2.34 12.45	23.90 -2.12 4.81	28.93 -2.16 0.09	28.06 -2.20 0.17	27.14 -2.20 3.61	29.98 -2.47 1.02	20.45 -2.81 12.85	21.33 -2.83 12.99	21.79 -2.86 14.47	26.52 -2.59 3.12	33.04 -2.99 0.00	33.70 -2.48 1.18	29.63 -2.25 1.25	29.74 -2.06 0.00
GOETHSLN___LBMP 323567	28.08 1.13 0.00	29.05 1.24 0.00	29.53 1.25 0.00	28.10 1.21 0.00	31.30 1.29 0.00	31.95 1.29 0.00	34.55 1.36 0.00	36.97 1.43 0.00	38.45 1.44 0.00	33.24 1.37 0.00	32.93 1.53 0.00	32.57 1.74 0.00	33.04 1.86 0.00	32.32 1.89 0.00	35.07 2.12 0.00	35.63 2.16 0.00	38.44 2.34 0.00	39.56 2.40 0.00	41.44 2.32 0.00	34.11 1.88 0.00	38.05 2.02 0.00	39.06 1.70 0.00	34.48 1.36 0.00	32.99 1.19 0.00
GOLAH___69_KV_TB 1_2 80279	26.29 -0.65 0.00	26.95 -0.86 0.00	27.17 -1.10 0.00	25.91 -0.98 0.00	28.17 -1.04 0.79	28.16 -1.01 1.49	32.36 -0.83 0.00	34.71 -0.83 0.00	36.44 -0.57 0.00	30.81 -0.89 0.17	30.38 -1.03 0.00	29.98 -0.85 0.00	30.37 -0.81 0.00	29.45 -0.98 0.00	32.13 -0.82 0.00	32.71 -0.76 0.00	35.08 -1.03 0.00	36.19 -0.96 0.00	38.31 -0.81 0.00	31.53 -0.70 0.00	35.21 -0.82 0.00	36.84 -0.52 0.00	32.58 -0.55 0.00	31.25 -0.56 0.00
GOODYEAR_LAKE_HYD 323669	27.66 0.71 0.00	28.51 0.70 0.00	29.00 0.72 0.00	27.58 0.68 0.00	31.23 0.82 -0.40	32.36 0.95 -0.75	35.51 2.33 0.00	38.13 2.59 0.00	39.58 2.57 0.00	33.94 2.01 -0.06	33.21 1.80 0.00	32.43 1.60 0.00	32.86 1.68 0.00	31.94 1.51 0.00	34.26 1.31 0.00	34.40 0.92 0.00	37.11 1.01 0.00	38.29 1.14 0.00	40.31 1.19 0.00	33.33 1.09 0.00	37.25 1.21 0.00	38.68 1.32 0.00	34.16 1.04 0.00	32.69 0.89 0.00

GOUDEY___1 345031	26.98 0.03 0.00	27.84 0.03 0.00	28.26 -0.01 0.00	26.90 0.01 0.00	31.63 0.05 -1.58	33.64 0.00 -2.98	33.33 0.14 0.00	35.69 0.15 0.00	37.21 0.20 0.00	31.86 0.07 0.08	31.57 0.16 0.00	30.87 0.04 0.00	31.24 0.07 0.00	30.34 -0.08 0.00	32.85 -0.10 0.00	33.37 -0.11 0.00	36.00 -0.10 0.00	37.12 -0.04 0.00	39.20 0.08 0.00	32.25 0.02 0.00	36.02 -0.01 0.00	37.47 0.11 0.00	33.09 -0.04 0.00	31.74 -0.07 0.00
GOUDEY___7 23579	26.98 0.03 0.00	27.84 0.03 0.00	28.26 -0.01 0.00	26.90 0.01 0.00	31.63 0.05 -1.58	33.64 0.00 -2.98	33.33 0.14 0.00	35.69 0.15 0.00	37.21 0.20 0.00	31.86 0.07 0.08	31.57 0.16 0.00	30.87 0.04 0.00	31.24 0.07 0.00	30.34 -0.08 0.00	32.85 -0.10 0.00	33.37 -0.11 0.00	36.00 -0.10 0.00	37.12 -0.04 0.00	39.20 0.08 0.00	32.25 0.02 0.00	36.02 -0.01 0.00	37.47 0.11 0.00	33.09 -0.04 0.00	31.74 -0.07 0.00
GOUDEY___8 23580	26.98 0.03 0.00	27.84 0.03 0.00	28.26 -0.01 0.00	26.90 0.01 0.00	31.63 0.05 -1.58	33.64 0.00 -2.98	33.33 0.14 0.00	35.69 0.15 0.00	37.21 0.20 0.00	31.86 0.07 0.08	31.57 0.16 0.00	30.87 0.04 0.00	31.24 0.07 0.00	30.34 -0.08 0.00	32.85 -0.10 0.00	33.37 -0.11 0.00	36.00 -0.10 0.00	37.12 -0.04 0.00	39.20 0.08 0.00	32.25 0.02 0.00	36.02 -0.01 0.00	37.47 0.11 0.00	33.09 -0.04 0.00	31.74 -0.07 0.00
GOWANUS_GT1_1 24077	28.29 1.34 0.00	29.25 1.45 0.00	29.74 1.47 0.00	28.30 1.41 0.00	31.52 1.51 0.00	32.18 1.53 0.00	34.81 1.62 0.00	37.26 1.72 0.00	38.80 1.79 0.00	33.52 1.64 0.00	33.19 1.78 0.00	32.84 2.01 0.00	33.30 2.13 0.00	32.59 2.16 0.00	35.34 2.39 0.00	35.93 2.46 0.00	38.75 2.65 0.00	39.88 2.72 0.00	41.72 2.60 0.00	34.29 2.05 0.00	38.25 2.22 0.00	39.31 1.95 0.00	34.69 1.56 0.00	33.18 1.38 0.00
GOWANUS_GT1_2 24078	28.29 1.34 0.00	29.25 1.45 0.00	29.74 1.47 0.00	28.30 1.41 0.00	31.52 1.51 0.00	32.18 1.53 0.00	34.81 1.62 0.00	37.26 1.72 0.00	38.80 1.79 0.00	33.52 1.64 0.00	33.19 1.78 0.00	32.84 2.01 0.00	33.30 2.13 0.00	32.59 2.16 0.00	35.34 2.39 0.00	35.93 2.46 0.00	38.75 2.65 0.00	39.88 2.72 0.00	41.72 2.60 0.00	34.29 2.05 0.00	38.25 2.22 0.00	39.31 1.95 0.00	34.69 1.56 0.00	33.18 1.38 0.00
GOWANUS_GT1_3 24079	28.29 1.34 0.00	29.25 1.45 0.00	29.74 1.47 0.00	28.30 1.41 0.00	31.52 1.51 0.00	32.18 1.53 0.00	34.81 1.62 0.00	37.26 1.72 0.00	38.80 1.79 0.00	33.52 1.64 0.00	33.19 1.78 0.00	32.84 2.01 0.00	33.30 2.13 0.00	32.59 2.16 0.00	35.34 2.39 0.00	35.93 2.46 0.00	38.75 2.65 0.00	39.88 2.72 0.00	41.72 2.60 0.00	34.29 2.05 0.00	38.25 2.22 0.00	39.31 1.95 0.00	34.69 1.56 0.00	33.18 1.38 0.00
GOWANUS_GT1_4 24080	28.29 1.34 0.00	29.25 1.45 0.00	29.74 1.47 0.00	28.30 1.41 0.00	31.52 1.51 0.00	32.18 1.53 0.00	34.81 1.62 0.00	37.26 1.72 0.00	38.80 1.79 0.00	33.52 1.64 0.00	33.19 1.78 0.00	32.84 2.01 0.00	33.30 2.13 0.00	32.59 2.16 0.00	35.34 2.39 0.00	35.93 2.46 0.00	38.75 2.65 0.00	39.88 2.72 0.00	41.72 2.60 0.00	34.29 2.05 0.00	38.25 2.22 0.00	39.31 1.95 0.00	34.69 1.56 0.00	33.18 1.38 0.00
GOWANUS_GT1_5 24084	28.29 1.34 0.00	29.25 1.45 0.00	29.74 1.47 0.00	28.30 1.41 0.00	31.52 1.51 0.00	32.18 1.53 0.00	34.81 1.62 0.00	37.26 1.72 0.00	38.80 1.79 0.00	33.52 1.64 0.00	33.19 1.78 0.00	32.84 2.01 0.00	33.30 2.13 0.00	32.59 2.16 0.00	35.34 2.39 0.00	35.93 2.46 0.00	38.75 2.65 0.00	39.88 2.72 0.00	41.72 2.60 0.00	34.29 2.05 0.00	38.25 2.22 0.00	39.31 1.95 0.00	34.69 1.56 0.00	33.18 1.38 0.00
GOWANUS_GT1_6 24111	28.29 1.34 0.00	29.25 1.45 0.00	29.74 1.47 0.00	28.30 1.41 0.00	31.52 1.51 0.00	32.18 1.53 0.00	34.81 1.62 0.00	37.26 1.72 0.00	38.80 1.79 0.00	33.52 1.64 0.00	33.19 1.78 0.00	32.84 2.01 0.00	33.30 2.13 0.00	32.59 2.16 0.00	35.34 2.39 0.00	35.93 2.46 0.00	38.75 2.65 0.00	39.88 2.72 0.00	41.72 2.60 0.00	34.29 2.05 0.00	38.25 2.22 0.00	39.31 1.95 0.00	34.69 1.56 0.00	33.18 1.38 0.00
GOWANUS_GT1_7 24112	28.29 1.34 0.00	29.25 1.45 0.00	29.74 1.47 0.00	28.30 1.41 0.00	31.52 1.51 0.00	32.18 1.53 0.00	34.81 1.62 0.00	37.26 1.72 0.00	38.80 1.79 0.00	33.52 1.64 0.00	33.19 1.78 0.00	32.84 2.01 0.00	33.30 2.13 0.00	32.59 2.16 0.00	35.34 2.39 0.00	35.93 2.46 0.00	38.75 2.65 0.00	39.88 2.72 0.00	41.72 2.60 0.00	34.29 2.05 0.00	38.25 2.22 0.00	39.31 1.95 0.00	34.69 1.56 0.00	33.18 1.38 0.00
GOWANUS_GT1_8 24113	28.29 1.34 0.00	29.25 1.45 0.00	29.74 1.47 0.00	28.30 1.41 0.00	31.52 1.51 0.00	32.18 1.53 0.00	34.81 1.62 0.00	37.26 1.72 0.00	38.80 1.79 0.00	33.52 1.64 0.00	33.19 1.78 0.00	32.84 2.01 0.00	33.30 2.13 0.00	32.59 2.16 0.00	35.34 2.39 0.00	35.93 2.46 0.00	38.75 2.65 0.00	39.88 2.72 0.00	41.72 2.60 0.00	34.29 2.05 0.00	38.25 2.22 0.00	39.31 1.95 0.00	34.69 1.56 0.00	33.18 1.38 0.00
GOWANUS_GT2_1 24114	28.29 1.34 0.00	29.25 1.44 0.00	29.74 1.46 0.00	28.30 1.40 0.00	31.51 1.50 0.00	32.19 1.54 0.00	34.80 1.62 0.00	37.26 1.72 0.00	38.77 1.75 0.00	33.51 1.64 0.00	33.18 1.78 0.00	32.84 2.01 0.00	33.30 2.12 0.00	32.57 2.14 0.00	35.34 2.39 0.00	35.93 2.46 0.00	38.74 2.64 0.00	39.87 2.72 0.00	41.71 2.59 0.00	34.28 2.04 0.00	38.25 2.22 0.00	39.31 1.95 0.00	34.68 1.55 0.00	33.18 1.38 0.00
GOWANUS_GT2_2 24115	28.29 1.34 0.00	29.25 1.44 0.00	29.74 1.46 0.00	28.30 1.40 0.00	31.51 1.50 0.00	32.19 1.54 0.00	34.80 1.62 0.00	37.26 1.72 0.00	38.77 1.75 0.00	33.51 1.64 0.00	33.18 1.78 0.00	32.84 2.01 0.00	33.30 2.12 0.00	32.57 2.14 0.00	35.34 2.39 0.00	35.93 2.46 0.00	38.74 2.64 0.00	39.87 2.72 0.00	41.71 2.59 0.00	34.28 2.04 0.00	38.25 2.22 0.00	39.31 1.95 0.00	34.68 1.55 0.00	33.18 1.38 0.00
GOWANUS_GT2_3 24116	28.29 1.34 0.00	29.25 1.44 0.00	29.74 1.46 0.00	28.30 1.40 0.00	31.51 1.50 0.00	32.19 1.54 0.00	34.80 1.62 0.00	37.26 1.72 0.00	38.77 1.75 0.00	33.51 1.64 0.00	33.18 1.78 0.00	32.84 2.01 0.00	33.30 2.12 0.00	32.57 2.14 0.00	35.34 2.39 0.00	35.93 2.46 0.00	38.74 2.64 0.00	39.87 2.72 0.00	41.71 2.59 0.00	34.28 2.04 0.00	38.25 2.22 0.00	39.31 1.95 0.00	34.68 1.55 0.00	33.18 1.38 0.00
GOWANUS_GT2_4 24117	28.29 1.34 0.00	29.25 1.44 0.00	29.74 1.46 0.00	28.30 1.40 0.00	31.51 1.50 0.00	32.19 1.54 0.00	34.80 1.62 0.00	37.26 1.72 0.00	38.77 1.75 0.00	33.51 1.64 0.00	33.18 1.78 0.00	32.84 2.01 0.00	33.30 2.12 0.00	32.57 2.14 0.00	35.34 2.39 0.00	35.93 2.46 0.00	38.74 2.64 0.00	39.87 2.72 0.00	41.71 2.59 0.00	34.28 2.04 0.00	38.25 2.22 0.00	39.31 1.95 0.00	34.68 1.55 0.00	33.18 1.38 0.00

GOWANUS_GT2_5 24118	28.29 1.34 0.00	29.25 1.44 0.00	29.74 1.46 0.00	28.30 1.40 0.00	31.51 1.50 0.00	32.19 1.54 0.00	34.80 1.62 0.00	37.26 1.72 0.00	38.77 1.75 0.00	33.51 1.64 0.00	33.18 1.78 0.00	32.84 2.01 0.00	33.30 2.12 0.00	32.57 2.14 0.00	35.34 2.39 0.00	35.93 2.46 0.00	38.74 2.64 0.00	39.87 2.72 0.00	41.71 2.59 0.00	34.28 2.04 0.00	38.25 2.22 0.00	39.31 1.95 0.00	34.68 1.55 0.00	33.18 1.38 0.00
GOWANUS_GT2_6 24119	28.29 1.34 0.00	29.25 1.44 0.00	29.74 1.46 0.00	28.30 1.40 0.00	31.51 1.50 0.00	32.19 1.54 0.00	34.80 1.62 0.00	37.26 1.72 0.00	38.77 1.75 0.00	33.51 1.64 0.00	33.18 1.78 0.00	32.84 2.01 0.00	33.30 2.12 0.00	32.57 2.14 0.00	35.34 2.39 0.00	35.93 2.46 0.00	38.74 2.64 0.00	39.87 2.72 0.00	41.71 2.59 0.00	34.28 2.04 0.00	38.25 2.22 0.00	39.31 1.95 0.00	34.68 1.55 0.00	33.18 1.38 0.00
GOWANUS_GT2_7 24120	28.29 1.34 0.00	29.25 1.44 0.00	29.74 1.46 0.00	28.30 1.40 0.00	31.51 1.50 0.00	32.19 1.54 0.00	34.80 1.62 0.00	37.26 1.72 0.00	38.77 1.75 0.00	33.51 1.64 0.00	33.18 1.78 0.00	32.84 2.01 0.00	33.30 2.12 0.00	32.57 2.14 0.00	35.34 2.39 0.00	35.93 2.46 0.00	38.74 2.64 0.00	39.87 2.72 0.00	41.71 2.59 0.00	34.28 2.04 0.00	38.25 2.22 0.00	39.31 1.95 0.00	34.68 1.55 0.00	33.18 1.38 0.00
GOWANUS_GT2_8 24121	28.29 1.34 0.00	29.25 1.44 0.00	29.74 1.46 0.00	28.30 1.40 0.00	31.51 1.50 0.00	32.19 1.54 0.00	34.80 1.62 0.00	37.26 1.72 0.00	38.77 1.75 0.00	33.51 1.64 0.00	33.18 1.78 0.00	32.84 2.01 0.00	33.30 2.12 0.00	32.57 2.14 0.00	35.34 2.39 0.00	35.93 2.46 0.00	38.74 2.64 0.00	39.87 2.72 0.00	41.71 2.59 0.00	34.28 2.04 0.00	38.25 2.22 0.00	39.31 1.95 0.00	34.68 1.55 0.00	33.18 1.38 0.00
GOWANUS_GT3_1 24122	28.29 1.34 0.00	29.25 1.44 0.00	29.74 1.46 0.00	28.30 1.40 0.00	31.51 1.50 0.00	32.19 1.54 0.00	34.80 1.62 0.00	37.26 1.72 0.00	38.77 1.75 0.00	33.51 1.64 0.00	33.18 1.78 0.00	32.84 2.01 0.00	33.30 2.12 0.00	32.57 2.14 0.00	35.34 2.39 0.00	35.93 2.46 0.00	38.74 2.64 0.00	39.87 2.72 0.00	41.71 2.59 0.00	34.28 2.04 0.00	38.25 2.22 0.00	39.31 1.95 0.00	34.68 1.55 0.00	33.18 1.38 0.00
GOWANUS_GT3_2 24123	28.29 1.34 0.00	29.25 1.44 0.00	29.74 1.46 0.00	28.30 1.40 0.00	31.51 1.50 0.00	32.19 1.54 0.00	34.80 1.62 0.00	37.26 1.72 0.00	38.77 1.75 0.00	33.51 1.64 0.00	33.18 1.78 0.00	32.84 2.01 0.00	33.30 2.12 0.00	32.57 2.14 0.00	35.34 2.39 0.00	35.93 2.46 0.00	38.74 2.64 0.00	39.87 2.72 0.00	41.71 2.59 0.00	34.28 2.04 0.00	38.25 2.22 0.00	39.31 1.95 0.00	34.68 1.55 0.00	33.18 1.38 0.00
GOWANUS_GT3_3 24124	28.29 1.34 0.00	29.25 1.44 0.00	29.74 1.46 0.00	28.30 1.40 0.00	31.51 1.50 0.00	32.19 1.54 0.00	34.80 1.62 0.00	37.26 1.72 0.00	38.77 1.75 0.00	33.51 1.64 0.00	33.18 1.78 0.00	32.84 2.01 0.00	33.30 2.12 0.00	32.57 2.14 0.00	35.34 2.39 0.00	35.93 2.46 0.00	38.74 2.64 0.00	39.87 2.72 0.00	41.71 2.59 0.00	34.28 2.04 0.00	38.25 2.22 0.00	39.31 1.95 0.00	34.68 1.55 0.00	33.18 1.38 0.00
GOWANUS_GT3_4 24125	28.29 1.34 0.00	29.25 1.44 0.00	29.74 1.46 0.00	28.30 1.40 0.00	31.51 1.50 0.00	32.19 1.54 0.00	34.80 1.62 0.00	37.26 1.72 0.00	38.77 1.75 0.00	33.51 1.64 0.00	33.18 1.78 0.00	32.84 2.01 0.00	33.30 2.12 0.00	32.57 2.14 0.00	35.34 2.39 0.00	35.93 2.46 0.00	38.74 2.64 0.00	39.87 2.72 0.00	41.71 2.59 0.00	34.28 2.04 0.00	38.25 2.22 0.00	39.31 1.95 0.00	34.68 1.55 0.00	33.18 1.38 0.00
GOWANUS_GT3_5 24126	28.29 1.34 0.00	29.25 1.44 0.00	29.74 1.46 0.00	28.30 1.40 0.00	31.51 1.50 0.00	32.19 1.54 0.00	34.80 1.62 0.00	37.26 1.72 0.00	38.77 1.75 0.00	33.51 1.64 0.00	33.18 1.78 0.00	32.84 2.01 0.00	33.30 2.12 0.00	32.57 2.14 0.00	35.34 2.39 0.00	35.93 2.46 0.00	38.74 2.64 0.00	39.87 2.72 0.00	41.71 2.59 0.00	34.28 2.04 0.00	38.25 2.22 0.00	39.31 1.95 0.00	34.68 1.55 0.00	33.18 1.38 0.00
GOWANUS_GT3_6 24127	28.29 1.34 0.00	29.25 1.44 0.00	29.74 1.46 0.00	28.30 1.40 0.00	31.51 1.50 0.00	32.19 1.54 0.00	34.80 1.62 0.00	37.26 1.72 0.00	38.77 1.75 0.00	33.51 1.64 0.00	33.18 1.78 0.00	32.84 2.01 0.00	33.30 2.12 0.00	32.57 2.14 0.00	35.34 2.39 0.00	35.93 2.46 0.00	38.74 2.64 0.00	39.87 2.72 0.00	41.71 2.59 0.00	34.28 2.04 0.00	38.25 2.22 0.00	39.31 1.95 0.00	34.68 1.55 0.00	33.18 1.38 0.00
GOWANUS_GT3_7 24128	28.29 1.34 0.00	29.25 1.44 0.00	29.74 1.46 0.00	28.30 1.40 0.00	31.51 1.50 0.00	32.19 1.54 0.00	34.80 1.62 0.00	37.26 1.72 0.00	38.77 1.75 0.00	33.51 1.64 0.00	33.18 1.78 0.00	32.84 2.01 0.00	33.30 2.12 0.00	32.57 2.14 0.00	35.34 2.39 0.00	35.93 2.46 0.00	38.74 2.64 0.00	39.87 2.72 0.00	41.71 2.59 0.00	34.28 2.04 0.00	38.25 2.22 0.00	39.31 1.95 0.00	34.68 1.55 0.00	33.18 1.38 0.00
GOWANUS_GT3_8 24129	28.29 1.34 0.00	29.25 1.44 0.00	29.74 1.46 0.00	28.30 1.40 0.00	31.51 1.50 0.00	32.19 1.54 0.00	34.80 1.62 0.00	37.26 1.72 0.00	38.77 1.75 0.00	33.51 1.64 0.00	33.18 1.78 0.00	32.84 2.01 0.00	33.30 2.12 0.00	32.57 2.14 0.00	35.34 2.39 0.00	35.93 2.46 0.00	38.74 2.64 0.00	39.87 2.72 0.00	41.71 2.59 0.00	34.28 2.04 0.00	38.25 2.22 0.00	39.31 1.95 0.00	34.68 1.55 0.00	33.18 1.38 0.00
GOWANUS_GT4_1 24130	28.29 1.34 0.00	29.25 1.45 0.00	29.74 1.47 0.00	28.30 1.41 0.00	31.52 1.51 0.00	32.18 1.53 0.00	34.81 1.62 0.00	37.26 1.72 0.00	38.80 1.79 0.00	33.52 1.64 0.00	33.19 1.78 0.00	32.84 2.01 0.00	33.30 2.13 0.00	32.59 2.16 0.00	35.34 2.39 0.00	35.93 2.46 0.00	38.75 2.65 0.00	39.88 2.72 0.00	41.72 2.60 0.00	34.29 2.05 0.00	38.25 2.22 0.00	39.31 1.95 0.00	34.69 1.56 0.00	33.18 1.38 0.00
GOWANUS_GT4_2 24131	28.29 1.34 0.00	29.25 1.45 0.00	29.74 1.47 0.00	28.30 1.41 0.00	31.52 1.51 0.00	32.18 1.53 0.00	34.81 1.62 0.00	37.26 1.72 0.00	38.80 1.79 0.00	33.52 1.64 0.00	33.19 1.78 0.00	32.84 2.01 0.00	33.30 2.13 0.00	32.59 2.16 0.00	35.34 2.39 0.00	35.93 2.46 0.00	38.75 2.65 0.00	39.88 2.72 0.00	41.72 2.60 0.00	34.29 2.05 0.00	38.25 2.22 0.00	39.31 1.95 0.00	34.69 1.56 0.00	33.18 1.38 0.00
GOWANUS_GT4_3 24132	28.29 1.34 0.00	29.25 1.45 0.00	29.74 1.47 0.00	28.30 1.41 0.00	31.52 1.51 0.00	32.18 1.53 0.00	34.81 1.62 0.00	37.26 1.72 0.00	38.80 1.79 0.00	33.52 1.64 0.00	33.19 1.78 0.00	32.84 2.01 0.00	33.30 2.13 0.00	32.59 2.16 0.00	35.34 2.39 0.00	35.93 2.46 0.00	38.75 2.65 0.00	39.88 2.72 0.00	41.72 2.60 0.00	34.29 2.05 0.00	38.25 2.22 0.00	39.31 1.95 0.00	34.69 1.56 0.00	33.18 1.38 0.00

GOWANUS_GT4_4 24133	28.29 1.34 0.00	29.25 1.45 0.00	29.74 1.47 0.00	28.30 1.41 0.00	31.52 1.51 0.00	32.18 1.53 0.00	34.81 1.62 0.00	37.26 1.72 0.00	38.80 1.79 0.00	33.52 1.64 0.00	33.19 1.78 0.00	32.84 2.01 0.00	33.30 2.13 0.00	32.59 2.16 0.00	35.34 2.39 0.00	35.93 2.46 0.00	38.75 2.65 0.00	39.88 2.72 0.00	41.72 2.60 0.00	34.29 2.05 0.00	38.25 2.22 0.00	39.31 1.95 0.00	34.69 1.56 0.00	33.18 1.38 0.00
GOWANUS_GT4_5 24134	28.29 1.34 0.00	29.25 1.45 0.00	29.74 1.47 0.00	28.30 1.41 0.00	31.52 1.51 0.00	32.18 1.53 0.00	34.81 1.62 0.00	37.26 1.72 0.00	38.80 1.79 0.00	33.52 1.64 0.00	33.19 1.78 0.00	32.84 2.01 0.00	33.30 2.13 0.00	32.59 2.16 0.00	35.34 2.39 0.00	35.93 2.46 0.00	38.75 2.65 0.00	39.88 2.72 0.00	41.72 2.60 0.00	34.29 2.05 0.00	38.25 2.22 0.00	39.31 1.95 0.00	34.69 1.56 0.00	33.18 1.38 0.00
GOWANUS_GT4_6 24135	28.29 1.34 0.00	29.25 1.45 0.00	29.74 1.47 0.00	28.30 1.41 0.00	31.52 1.51 0.00	32.18 1.53 0.00	34.81 1.62 0.00	37.26 1.72 0.00	38.80 1.79 0.00	33.52 1.64 0.00	33.19 1.78 0.00	32.84 2.01 0.00	33.30 2.13 0.00	32.59 2.16 0.00	35.34 2.39 0.00	35.93 2.46 0.00	38.75 2.65 0.00	39.88 2.72 0.00	41.72 2.60 0.00	34.29 2.05 0.00	38.25 2.22 0.00	39.31 1.95 0.00	34.69 1.56 0.00	33.18 1.38 0.00
GOWANUS_GT4_7 24136	28.29 1.34 0.00	29.25 1.45 0.00	29.74 1.47 0.00	28.30 1.41 0.00	31.52 1.51 0.00	32.18 1.53 0.00	34.81 1.62 0.00	37.26 1.72 0.00	38.80 1.79 0.00	33.52 1.64 0.00	33.19 1.78 0.00	32.84 2.01 0.00	33.30 2.13 0.00	32.59 2.16 0.00	35.34 2.39 0.00	35.93 2.46 0.00	38.75 2.65 0.00	39.88 2.72 0.00	41.72 2.60 0.00	34.29 2.05 0.00	38.25 2.22 0.00	39.31 1.95 0.00	34.69 1.56 0.00	33.18 1.38 0.00
GOWANUS_GT4_8 24137	28.29 1.34 0.00	29.25 1.45 0.00	29.74 1.47 0.00	28.30 1.41 0.00	31.52 1.51 0.00	32.18 1.53 0.00	34.81 1.62 0.00	37.26 1.72 0.00	38.80 1.79 0.00	33.52 1.64 0.00	33.19 1.78 0.00	32.84 2.01 0.00	33.30 2.13 0.00	32.59 2.16 0.00	35.34 2.39 0.00	35.93 2.46 0.00	38.75 2.65 0.00	39.88 2.72 0.00	41.72 2.60 0.00	34.29 2.05 0.00	38.25 2.22 0.00	39.31 1.95 0.00	34.69 1.56 0.00	33.18 1.38 0.00
GREENBSH_115KV_TB3 55895	27.32 0.37 0.00	28.29 0.48 0.00	28.78 0.51 0.00	27.38 0.49 0.00	30.52 0.51 0.00	31.11 0.45 0.00	33.45 0.27 0.00	35.90 0.36 0.00	37.33 0.32 0.00	32.28 0.41 0.00	31.90 0.49 0.00	31.34 0.50 0.00	31.71 0.53 0.00	31.00 0.57 0.00	33.48 0.53 0.00	33.99 0.52 0.00	36.71 0.60 0.00	37.54 0.38 0.00	39.49 0.37 0.00	32.53 0.29 0.00	36.42 0.38 0.00	37.65 0.29 0.00	33.47 0.35 0.00	32.23 0.43 0.00
GREENDGE_115KV_TB5 80291	26.35 -0.59 0.00	36.94 -0.79 -9.92	29.28 -0.93 -1.93	36.81 -0.89 -10.81	38.09 -0.92 -9.00	28.18 -0.97 1.51	33.32 -0.76 -0.90	44.86 -0.85 -10.17	57.67 -0.61 -21.27	50.54 -0.87 -19.53	50.30 -0.76 -19.66	37.88 -0.65 -7.69	30.46 -0.87 -0.15	29.66 -1.05 -0.28	37.75 -0.97 -5.77	34.03 -1.06 -1.63	55.81 -0.77 -20.48	57.44 -0.46 -20.75	61.92 -0.25 -23.06	36.85 -0.41 -5.03	35.63 -0.41 0.00	39.08 -0.18 -1.90	34.78 -0.37 -2.02	31.45 -0.36 0.00
GREENIDGE___3 23582	26.35 -0.59 0.00	36.94 -0.79 -9.92	29.28 -0.93 -1.93	36.81 -0.89 -10.81	38.09 -0.92 -9.00	28.18 -0.97 1.51	33.32 -0.76 -0.90	44.86 -0.85 -10.17	57.67 -0.61 -21.27	50.54 -0.87 -19.53	50.30 -0.76 -19.66	37.88 -0.65 -7.69	30.46 -0.87 -0.15	29.66 -1.05 -0.28	37.75 -0.97 -5.77	34.03 -1.06 -1.63	55.81 -0.77 -20.48	57.44 -0.46 -20.75	61.92 -0.25 -23.06	36.85 -0.41 -5.03	35.63 -0.41 0.00	39.08 -0.18 -1.90	34.78 -0.37 -2.02	31.45 -0.36 0.00
GREENIDGE___4 23583	26.35 -0.60 0.00	36.94 -0.79 -9.92	29.28 -0.93 -1.93	36.80 -0.90 -10.81	38.09 -0.92 -9.00	28.16 -0.99 1.51	33.31 -0.77 -0.90	44.86 -0.86 -10.17	57.68 -0.60 -21.27	50.53 -0.88 -19.53	50.28 -0.78 -19.66	37.87 -0.65 -7.69	30.46 -0.86 -0.15	29.68 -1.03 -0.28	37.75 -0.97 -5.77	34.03 -1.06 -1.63	55.82 -0.76 -20.48	57.43 -0.47 -20.75	61.93 -0.25 -23.06	36.85 -0.41 -5.03	35.63 -0.41 0.00	39.08 -0.18 -1.90	34.78 -0.36 -2.02	31.45 -0.36 0.00
GREENLWN_69_KV_BK 3 55738	28.33 1.38 0.00	29.23 1.42 0.00	31.49 1.54 -1.68	28.39 1.49 -0.01	31.58 1.58 0.00	32.22 1.56 -0.01	46.69 1.64 -11.87	51.81 1.72 -14.55	52.84 1.56 -14.27	35.22 1.60 -1.74	33.05 1.64 0.00	32.57 1.74 0.00	33.13 1.95 0.00	32.20 1.78 0.00	35.00 2.05 0.00	35.64 2.16 0.00	38.41 2.31 0.00	39.32 2.17 0.00	41.07 1.95 0.00	33.88 1.64 0.00	37.97 1.94 0.00	39.10 1.75 0.00	34.73 1.60 0.00	33.35 1.55 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	28.29 1.34 0.00	29.25 1.45 0.00	29.74 1.47 0.00	28.30 1.41 0.00	31.52 1.51 0.00	32.18 1.53 0.00	34.81 1.62 0.00	37.26 1.72 0.00	38.80 1.79 0.00	33.52 1.64 0.00	33.19 1.78 0.00	32.84 2.01 0.00	33.30 2.13 0.00	32.59 2.16 0.00	35.34 2.39 0.00	35.93 2.46 0.00	38.75 2.65 0.00	39.88 2.72 0.00	41.72 2.60 0.00	34.29 2.05 0.00	38.25 2.22 0.00	39.31 1.95 0.00	34.69 1.56 0.00	33.18 1.38 0.00
GRISSOM___SOLAR 323813	27.99 1.04 0.00	28.85 1.05 0.00	29.33 1.05 0.00	27.87 0.98 0.00	31.13 1.12 0.00	31.90 1.23 0.00	34.80 1.61 0.00	37.33 1.80 0.00	38.77 1.75 0.00	33.29 1.42 0.00	32.35 0.95 0.00	31.37 0.53 0.00	32.05 0.87 0.00	31.61 1.18 0.00	34.29 1.34 0.00	34.62 1.16 0.00	37.36 1.25 0.00	38.24 1.08 0.00	39.87 0.75 0.00	33.63 1.39 0.00	37.85 1.81 0.00	39.15 1.79 0.00	34.59 1.46 0.00	33.15 1.35 0.00
GROVEVILLE___HYD 323602	28.16 1.21 0.00	29.13 1.32 0.00	29.64 1.37 0.00	28.21 1.32 0.00	31.43 1.43 0.00	32.10 1.44 0.00	34.73 1.54 0.00	37.25 1.71 0.00	38.77 1.76 0.00	33.46 1.59 0.00	33.10 1.69 0.00	32.60 1.77 0.00	33.06 1.89 0.00	32.37 1.94 0.00	35.06 2.11 0.00	35.67 2.20 0.00	38.48 2.38 0.00	39.58 2.42 0.00	41.50 2.38 0.00	34.19 1.95 0.00	38.20 2.17 0.00	39.34 1.98 0.00	34.74 1.62 0.00	33.25 1.45 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	26.75 -0.20 0.00	27.59 -0.22 0.00	28.03 -0.25 0.00	26.65 -0.23 0.00	29.54 -0.26 0.22	29.97 -0.28 0.41	32.90 -0.28 0.00	35.18 -0.36 0.00	36.68 -0.33 0.00	31.54 -0.33 0.00	31.07 -0.34 0.00	30.45 -0.39 0.00	30.73 -0.45 0.00	29.89 -0.53 0.00	32.41 -0.54 0.00	32.90 -0.58 0.00	35.51 -0.59 0.00	36.76 -0.40 0.00	38.78 -0.34 0.00	31.93 -0.30 0.00	35.67 -0.36 0.00	37.05 -0.31 0.00	32.86 -0.26 0.00	31.55 -0.25 0.00
HAMLTNNY_34_KV_TB 80303	26.75 -0.20 0.00	27.59 -0.22 0.00	28.01 -0.26 0.00	26.65 -0.24 0.00	29.48 -0.24 0.29	29.86 -0.25 0.54	32.94 -0.24 0.00	35.23 -0.30 0.00	36.76 -0.25 0.00	31.59 -0.29 0.00	31.11 -0.30 0.00	30.45 -0.38 0.00	30.71 -0.46 0.00	29.86 -0.57 0.00	32.36 -0.59 0.00	32.90 -0.57 0.00	35.57 -0.53 0.00	36.84 -0.31 0.00	38.88 -0.25 0.00	32.00 -0.24 0.00	35.76 -0.27 0.00	37.15 -0.21 0.00	32.94 -0.18 0.00	31.65 -0.15 0.00

HAMPSHIRE___PAPER_HYD 323593	26.46 -0.49 0.00	27.21 -0.59 0.00	27.75 -0.52 0.00	26.41 -0.48 0.00	29.40 -0.61 0.00	29.85 -0.81 0.00	32.56 -0.63 0.00	34.75 -0.79 0.00	36.14 -0.87 0.00	31.06 -0.81 0.00	30.35 -1.06 0.00	29.58 -1.25 0.00	29.58 -1.59 0.00	28.81 -1.61 0.00	31.29 -1.66 0.00	31.81 -1.66 0.00	34.12 -1.98 0.00	35.43 -1.73 0.00	37.69 -1.43 0.00	31.18 -1.06 0.00	34.54 -1.49 0.00	35.80 -1.56 0.00	31.72 -1.40 0.00	30.59 -1.21 0.00
HARDSCRABBLE_WT_PWR 323673	27.72 0.77 0.00	28.66 0.85 0.00	29.10 0.83 0.00	27.58 0.69 0.00	30.82 0.81 0.00	31.34 0.67 0.00	33.84 0.65 0.00	36.49 0.95 0.00	37.87 0.86 0.00	32.40 0.52 0.00	31.67 0.26 0.00	31.03 0.20 0.00	31.80 0.63 0.00	31.14 0.72 0.00	33.84 0.89 0.00	34.25 0.78 0.00	37.12 1.02 0.00	38.03 0.87 0.00	39.82 0.70 0.00	33.34 1.11 0.00	37.58 1.55 0.00	38.85 1.49 0.00	34.38 1.26 0.00	32.97 1.17 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	28.04 1.09 0.00	29.00 1.19 0.00	29.51 1.23 0.00	28.09 1.20 0.00	31.47 1.30 -0.16	32.28 1.30 -0.31	34.58 1.39 0.00	37.02 1.48 0.00	38.54 1.54 0.00	33.29 1.42 0.00	32.91 1.50 0.00	32.47 1.64 0.00	32.94 1.76 0.00	32.24 1.82 0.00	34.95 2.00 0.00	35.55 2.08 0.00	38.33 2.23 0.00	39.43 2.28 0.00	41.32 2.20 0.00	34.06 1.82 0.00	38.04 2.01 0.00	39.13 1.77 0.00	34.54 1.41 0.00	33.04 1.23 0.00
HARSNRAD_115KV_TB1 81005	25.27 -1.68 0.00	19.57 -1.98 6.25	24.63 -2.43 1.22	17.95 -2.13 6.81	19.54 -2.35 8.11	24.54 -2.45 3.67	30.22 -2.41 0.56	26.72 -2.45 6.37	21.64 -2.03 13.34	16.64 -2.21 13.03	16.97 -2.06 12.37	24.15 -1.90 4.78	29.08 -2.01 0.09	28.14 -2.11 0.17	27.38 -1.98 3.59	30.14 -2.32 1.01	20.90 -2.45 12.76	22.02 -2.33 12.80	22.62 -2.29 14.21	26.91 -2.23 3.09	33.38 -2.66 0.00	34.12 -2.07 1.17	29.96 -1.92 1.24	30.03 -1.77 0.00
HARZA MOOSE___RIVER 24016	27.20 0.25 0.00	27.98 0.17 0.00	28.50 0.22 0.00	27.14 0.25 0.00	30.21 0.20 0.00	30.57 -0.09 0.00	33.35 0.16 0.00	35.58 0.04 0.00	36.98 -0.03 0.00	31.79 -0.09 0.00	31.14 -0.27 0.00	30.58 -0.25 0.00	30.58 -0.59 0.00	29.71 -0.72 0.00	32.03 -0.92 0.00	32.71 -0.76 0.00	35.18 -0.93 0.00	36.55 -0.60 0.00	39.07 -0.05 0.00	32.28 0.05 0.00	35.76 -0.28 0.00	37.10 -0.27 0.00	32.72 -0.41 0.00	31.44 -0.36 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	26.63 -0.32 0.00	27.45 -0.35 0.00	27.88 -0.40 0.00	26.52 -0.37 0.00	29.61 -0.40 0.00	30.25 -0.41 0.00	32.76 -0.43 0.00	35.03 -0.50 0.00	36.53 -0.48 0.00	31.44 -0.43 0.00	30.97 -0.43 0.00	30.37 -0.46 0.00	30.66 -0.51 0.00	29.84 -0.59 0.00	32.33 -0.62 0.00	32.83 -0.64 0.00	35.41 -0.70 0.00	36.59 -0.56 0.00	38.62 -0.50 0.00	31.79 -0.45 0.00	35.51 -0.52 0.00	36.88 -0.48 0.00	32.72 -0.40 0.00	31.41 -0.40 0.00
HELLGATE_13_KV_LD 55870	28.34 1.39 0.00	29.30 1.50 0.00	29.77 1.50 0.00	28.33 1.44 0.00	31.53 1.52 0.00	32.20 1.54 0.00	34.79 1.60 0.00	37.30 1.76 0.00	38.82 1.81 0.00	33.60 1.72 0.00	33.26 1.85 0.00	32.90 2.07 0.00	33.39 2.21 0.00	32.66 2.23 0.00	35.37 2.42 0.00	35.96 2.49 0.00	38.77 2.67 0.00	39.92 2.76 0.00	41.77 2.64 0.00	34.31 2.07 0.00	38.25 2.22 0.00	39.34 1.98 0.00	34.74 1.62 0.00	33.23 1.43 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	28.34 1.39 0.00	29.30 1.50 0.00	29.77 1.50 0.00	28.33 1.44 0.00	31.53 1.52 0.00	32.20 1.54 0.00	34.79 1.60 0.00	37.30 1.76 0.00	38.82 1.81 0.00	33.60 1.72 0.00	33.26 1.85 0.00	32.90 2.07 0.00	33.39 2.21 0.00	32.66 2.23 0.00	35.37 2.42 0.00	35.96 2.49 0.00	38.77 2.67 0.00	39.92 2.76 0.00	41.77 2.64 0.00	34.31 2.07 0.00	38.25 2.22 0.00	39.34 1.98 0.00	34.74 1.62 0.00	33.23 1.43 0.00
HEMPSTEAD____ 23647	28.43 1.48 0.00	29.35 1.55 0.00	32.29 1.66 -2.36	28.50 1.61 -0.01	31.73 1.72 0.00	32.40 1.73 -0.01	51.63 1.82 -16.62	57.86 1.94 -20.39	58.92 1.91 -19.99	36.08 1.77 -2.44	33.23 1.82 0.00	32.79 1.96 0.00	33.35 2.17 0.00	32.47 2.04 0.00	35.27 2.32 0.00	35.91 2.44 0.00	38.81 2.71 0.00	39.85 2.69 0.00	41.67 2.55 0.00	34.33 2.10 0.00	38.43 2.40 0.00	39.53 2.17 0.00	35.03 1.91 0.00	33.56 1.76 0.00
HICKLING___1 23621	26.00 -0.95 0.00	29.94 -1.11 -3.24	27.68 -1.28 -0.68	29.15 -1.25 -3.51	29.23 -1.31 -0.53	24.00 -1.50 5.16	32.20 -1.31 -0.33	37.76 -1.52 -3.74	43.35 -1.12 -7.46	37.05 -1.41 -6.59	36.41 -1.07 -6.07	32.55 -0.60 -2.33	30.53 -0.69 -0.04	29.65 -0.86 -0.08	33.96 -0.74 -1.75	33.08 -0.88 -0.49	41.51 -0.76 -6.17	43.68 -0.45 -6.98	46.67 -0.31 -7.86	33.44 -0.54 -1.75	35.42 -0.62 0.00	37.71 -0.36 -0.71	33.24 -0.64 -0.75	31.24 -0.57 0.00
HICKLING___2 23622	26.00 -0.95 0.00	29.94 -1.11 -3.24	27.68 -1.28 -0.68	29.15 -1.25 -3.51	29.23 -1.31 -0.53	24.00 -1.50 5.16	32.20 -1.31 -0.33	37.76 -1.52 -3.74	43.35 -1.12 -7.46	37.05 -1.41 -6.59	36.41 -1.07 -6.07	32.55 -0.60 -2.33	30.53 -0.69 -0.04	29.65 -0.86 -0.08	33.96 -0.74 -1.75	33.08 -0.88 -0.49	41.51 -0.76 -6.17	43.68 -0.45 -6.98	46.67 -0.31 -7.86	33.44 -0.54 -1.75	35.42 -0.62 0.00	37.71 -0.36 -0.71	33.24 -0.64 -0.75	31.24 -0.57 0.00
HIGH FALLS___HY 23754	28.16 1.21 0.00	29.14 1.34 0.00	29.66 1.39 0.00	28.23 1.34 0.00	31.64 1.48 -0.16	32.47 1.51 -0.30	34.86 1.67 0.00	37.36 1.82 0.00	38.90 1.89 0.00	33.50 1.63 0.00	33.04 1.63 0.00	32.58 1.74 0.00	33.07 1.90 0.00	32.32 1.89 0.00	35.13 2.18 0.00	35.76 2.29 0.00	38.63 2.52 0.00	39.80 2.64 0.00	41.74 2.62 0.00	34.38 2.14 0.00	38.41 2.38 0.00	39.55 2.19 0.00	34.88 1.75 0.00	33.32 1.52 0.00
HIGH_RIVER___SOLAR 323847	27.68 0.73 0.00	28.58 0.77 0.00	29.05 0.78 0.00	27.64 0.75 0.00	30.85 0.84 0.00	31.53 0.87 0.00	34.24 1.05 0.00	36.69 1.15 0.00	38.14 1.13 0.00	32.81 0.94 0.00	32.12 0.71 0.00	31.22 0.39 0.00	31.82 0.64 0.00	31.31 0.88 0.00	33.95 1.00 0.00	34.37 0.90 0.00	37.13 1.02 0.00	38.06 0.90 0.00	39.91 0.79 0.00	33.22 0.99 0.00	37.28 1.24 0.00	38.57 1.21 0.00	34.12 1.00 0.00	32.75 0.95 0.00
HILLBURN___GT 23639	28.00 1.05 0.00	28.97 1.16 0.00	29.49 1.22 0.00	28.07 1.18 0.00	31.44 1.27 -0.16	32.24 1.27 -0.31	34.53 1.34 0.00	36.95 1.41 0.00	38.42 1.41 0.00	33.21 1.33 0.00	32.89 1.48 0.00	32.49 1.65 0.00	32.93 1.76 0.00	32.19 1.76 0.00	34.91 1.97 0.00	35.48 2.01 0.00	38.26 2.16 0.00	39.36 2.20 0.00	41.22 2.10 0.00	33.98 1.75 0.00	37.95 1.92 0.00	39.01 1.66 0.00	34.42 1.30 0.00	32.93 1.13 0.00
HILLSIDE_115KV_TB1 80332	25.78 -1.17 0.00	29.26 -1.22 -2.67	27.39 -1.41 -0.53	28.47 -1.33 -2.91	27.94 -1.44 0.63	22.79 -1.67 6.20	31.91 -1.52 -0.24	36.59 -1.75 -2.80	41.51 -1.31 -5.81	35.15 -1.58 -4.85	35.50 -1.19 -5.28	32.28 -0.62 -2.07	30.54 -0.67 -0.04	29.65 -0.85 -0.07	33.78 -0.72 -1.55	33.06 -0.84 -0.43	40.80 -0.79 -5.48	42.12 -0.68 -5.64	44.84 -0.57 -6.29	32.93 -0.68 -1.38	35.23 -0.80 0.00	37.29 -0.60 -0.53	32.86 -0.82 -0.56	31.06 -0.74 0.00

HISHELDN_WT_PWR 323625	25.23 -1.71 0.00	7.89 -2.15 17.76	22.32 -2.51 3.45	5.23 -2.31 19.35	6.25 -2.59 21.17	20.97 -2.79 6.90	28.95 -2.64 1.59	14.69 -2.76 18.09	-3.34 -2.45 37.90	-7.36 -2.62 36.61	-6.14 -2.35 35.20	15.12 -2.07 13.64	28.85 -2.07 0.26	27.72 -2.21 0.50	20.49 -2.22 10.23	28.14 -2.45 2.89	-2.85 -2.57 36.39	-1.86 -2.43 36.58	-3.85 -2.36 40.61	21.21 -2.18 8.84	33.57 -2.46 0.01	32.08 -1.95 3.33	27.68 -1.90 3.54	30.02 -1.78 0.00
HOLTSVILLE_IC_1 23690	28.62 1.67 0.00	29.50 1.69 0.00	31.71 1.80 -1.64	28.63 1.73 -0.01	31.85 1.84 0.00	32.49 1.83 -0.01	46.65 1.88 -11.58	51.72 1.98 -14.20	52.73 1.79 -13.92	35.40 1.83 -1.70	33.19 1.78 0.00	32.64 1.81 0.00	33.21 2.04 0.00	32.22 1.79 0.00	35.01 2.06 0.00	35.67 2.20 0.00	38.49 2.39 0.00	39.46 2.31 0.00	41.17 2.05 0.00	34.01 1.77 0.00	38.20 2.16 0.00	39.35 1.99 0.00	34.96 1.83 0.00	33.58 1.78 0.00
HOLTSVILLE_IC_10 23699	28.72 1.77 0.00	29.59 1.79 0.00	31.82 1.89 -1.65	28.72 1.82 -0.01	31.96 1.95 0.00	32.60 1.94 -0.01	46.88 2.02 -11.67	52.01 2.15 -14.32	53.00 1.95 -14.04	35.54 1.95 -1.71	33.29 1.88 0.00	32.72 1.89 0.00	33.30 2.13 0.00	32.28 1.85 0.00	35.08 2.13 0.00	35.74 2.27 0.00	38.58 2.48 0.00	39.58 2.43 0.00	41.33 2.21 0.00	34.16 1.93 0.00	38.38 2.35 0.00	39.54 2.18 0.00	35.12 1.99 0.00	33.72 1.92 0.00
HOLTSVILLE_IC_2 23691	28.62 1.67 0.00	29.50 1.69 0.00	31.71 1.80 -1.64	28.63 1.73 -0.01	31.85 1.84 0.00	32.49 1.83 -0.01	46.65 1.88 -11.58	51.72 1.98 -14.20	52.73 1.79 -13.92	35.40 1.83 -1.70	33.19 1.78 0.00	32.64 1.81 0.00	33.21 2.04 0.00	32.22 1.79 0.00	35.01 2.06 0.00	35.67 2.20 0.00	38.49 2.39 0.00	39.46 2.31 0.00	41.17 2.05 0.00	34.01 1.77 0.00	38.20 2.16 0.00	39.35 1.99 0.00	34.96 1.83 0.00	33.58 1.78 0.00
HOLTSVILLE_IC_3 23692	28.62 1.67 0.00	29.50 1.69 0.00	31.71 1.80 -1.64	28.63 1.73 -0.01	31.85 1.84 0.00	32.49 1.83 -0.01	46.65 1.88 -11.58	51.72 1.98 -14.20	52.73 1.79 -13.92	35.40 1.83 -1.70	33.19 1.78 0.00	32.64 1.81 0.00	33.21 2.04 0.00	32.22 1.79 0.00	35.01 2.06 0.00	35.67 2.20 0.00	38.49 2.39 0.00	39.46 2.31 0.00	41.17 2.05 0.00	34.01 1.77 0.00	38.20 2.16 0.00	39.35 1.99 0.00	34.96 1.83 0.00	33.58 1.78 0.00
HOLTSVILLE_IC_4 23693	28.62 1.67 0.00	29.50 1.69 0.00	31.71 1.80 -1.64	28.63 1.73 -0.01	31.85 1.84 0.00	32.49 1.83 -0.01	46.65 1.88 -11.58	51.72 1.98 -14.20	52.73 1.79 -13.92	35.40 1.83 -1.70	33.19 1.78 0.00	32.64 1.81 0.00	33.21 2.04 0.00	32.22 1.79 0.00	35.01 2.06 0.00	35.67 2.20 0.00	38.49 2.39 0.00	39.46 2.31 0.00	41.17 2.05 0.00	34.01 1.77 0.00	38.20 2.16 0.00	39.35 1.99 0.00	34.96 1.83 0.00	33.58 1.78 0.00
HOLTSVILLE_IC_5 23694	28.62 1.67 0.00	29.50 1.69 0.00	31.71 1.80 -1.64	28.63 1.73 -0.01	31.85 1.84 0.00	32.49 1.83 -0.01	46.65 1.88 -11.58	51.72 1.98 -14.20	52.73 1.79 -13.92	35.40 1.83 -1.70	33.19 1.78 0.00	32.64 1.81 0.00	33.21 2.04 0.00	32.22 1.79 0.00	35.01 2.06 0.00	35.67 2.20 0.00	38.49 2.39 0.00	39.46 2.31 0.00	41.17 2.05 0.00	34.01 1.77 0.00	38.20 2.16 0.00	39.35 1.99 0.00	34.96 1.83 0.00	33.58 1.78 0.00
HOLTSVILLE_IC_6 23695	28.72 1.77 0.00	29.59 1.79 0.00	31.82 1.89 -1.65	28.72 1.82 -0.01	31.96 1.95 0.00	32.60 1.94 -0.01	46.88 2.02 -11.67	52.01 2.15 -14.32	53.00 1.95 -14.04	35.54 1.95 -1.71	33.29 1.88 0.00	32.72 1.89 0.00	33.30 2.13 0.00	32.28 1.85 0.00	35.08 2.13 0.00	35.74 2.27 0.00	38.58 2.48 0.00	39.58 2.43 0.00	41.33 2.21 0.00	34.16 1.93 0.00	38.38 2.35 0.00	39.54 2.18 0.00	35.12 1.99 0.00	33.72 1.92 0.00
HOLTSVILLE_IC_7 23696	28.72 1.77 0.00	29.59 1.79 0.00	31.82 1.89 -1.65	28.72 1.82 -0.01	31.96 1.95 0.00	32.60 1.94 -0.01	46.88 2.02 -11.67	52.01 2.15 -14.32	53.00 1.95 -14.04	35.54 1.95 -1.71	33.29 1.88 0.00	32.72 1.89 0.00	33.30 2.13 0.00	32.28 1.85 0.00	35.08 2.13 0.00	35.74 2.27 0.00	38.58 2.48 0.00	39.58 2.43 0.00	41.33 2.21 0.00	34.16 1.93 0.00	38.38 2.35 0.00	39.54 2.18 0.00	35.12 1.99 0.00	33.72 1.92 0.00
HOLTSVILLE_IC_8 23697	28.72 1.77 0.00	29.59 1.79 0.00	31.82 1.89 -1.65	28.72 1.82 -0.01	31.96 1.95 0.00	32.60 1.94 -0.01	46.88 2.02 -11.67	52.01 2.15 -14.32	53.00 1.95 -14.04	35.54 1.95 -1.71	33.29 1.88 0.00	32.72 1.89 0.00	33.30 2.13 0.00	32.28 1.85 0.00	35.08 2.13 0.00	35.74 2.27 0.00	38.58 2.48 0.00	39.58 2.43 0.00	41.33 2.21 0.00	34.16 1.93 0.00	38.38 2.35 0.00	39.54 2.18 0.00	35.12 1.99 0.00	33.72 1.92 0.00
HOLTSVILLE_IC_9 23698	28.72 1.77 0.00	29.59 1.79 0.00	31.82 1.89 -1.65	28.72 1.82 -0.01	31.96 1.95 0.00	32.60 1.94 -0.01	46.88 2.02 -11.67	52.01 2.15 -14.32	53.00 1.95 -14.04	35.54 1.95 -1.71	33.29 1.88 0.00	32.72 1.89 0.00	33.30 2.13 0.00	32.28 1.85 0.00	35.08 2.13 0.00	35.74 2.27 0.00	38.58 2.48 0.00	39.58 2.43 0.00	41.33 2.21 0.00	34.16 1.93 0.00	38.38 2.35 0.00	39.54 2.18 0.00	35.12 1.99 0.00	33.72 1.92 0.00
HOMER_HL_115KV_TB2 355744	25.59 -1.36 0.00	20.07 -1.42 6.32	25.20 -1.84 1.23	18.47 -1.54 6.88	19.72 -1.65 8.64	24.14 -1.97 4.54	30.97 -1.65 0.57	27.40 -1.69 6.45	22.18 -1.33 13.50	17.06 -1.54 13.27	17.75 -1.18 12.48	24.95 -1.07 4.82	29.99 -1.10 0.09	29.03 -1.22 0.18	28.26 -1.08 3.61	31.26 -1.20 1.02	22.05 -1.19 12.87	22.57 -1.17 13.41	23.11 -1.08 14.93	27.86 -1.12 3.25	34.63 -1.40 0.00	35.14 -1.00 1.23	30.65 -1.17 1.30	30.54 -1.25 0.00
HOWARD_WT_PWR 323690	25.48 -1.47 0.00	50.28 -2.37 -24.84	30.59 -2.52 -4.83	51.47 -2.48 -27.06	52.51 -2.63 -25.12	29.07 -2.75 -1.15	32.79 -2.64 -2.23	57.79 -3.12 -25.36	87.06 -3.06 -53.11	78.63 -3.20 -49.95	77.87 -2.80 -49.26	47.46 -2.63 -19.27	28.96 -2.59 -0.36	28.42 -2.71 -0.70	44.45 -2.95 -14.45	34.37 -3.17 -4.07	84.69 -2.76 -51.35	87.17 -1.83 -51.85	94.93 -1.77 -57.58	42.57 -2.21 -12.54	34.11 -1.93 -0.01	40.66 -1.44 -4.73	36.50 -1.65 -5.03	30.40 -1.40 0.00
HQ_GEN_CEDARS 23644	27.02 0.07 0.00	27.80 -0.01 0.00	28.31 0.03 0.00	26.89 0.00 0.00	30.01 0.00 0.00	30.83 0.16 0.00	33.52 0.33 0.00	35.93 0.39 0.00	37.40 0.39 0.00	32.16 0.29 0.00	31.60 0.19 0.00	30.93 0.10 0.00	31.23 0.05 0.00	30.52 0.09 0.00	33.09 0.14 0.00	33.60 0.12 0.00	36.20 0.09 0.00	37.25 0.10 0.00	39.25 0.12 0.00	32.35 0.11 0.00	36.14 0.11 0.00	37.44 0.08 0.00	33.17 0.04 0.00	31.86 0.06 0.00
HQ_GEN_CEDARS_PROXY 323590	27.02 0.07 0.00	27.80 -0.01 0.00	28.30 0.03 0.00	26.89 0.00 0.00	29.29 0.00 0.72	29.30 0.16 1.52	33.52 0.33 0.00	35.93 0.39 0.00	37.40 0.39 0.00	32.16 0.29 0.00	31.60 0.19 0.00	30.93 0.10 0.00	31.23 0.05 0.00	30.52 0.09 0.00	33.09 0.14 0.00	33.60 0.12 0.00	36.20 0.09 0.00	37.25 0.10 0.00	39.25 0.12 0.00	32.35 0.11 0.00	36.14 0.11 0.00	37.68 0.08 -0.23	32.65 0.04 0.52	31.86 0.06 0.00

HQ_GEN_CHPE_PROXY 323851	28.18 1.23 0.00	29.13 1.33 0.00	29.62 1.35 0.00	28.19 1.30 0.00	31.38 1.38 0.00	32.05 1.39 0.00	34.65 1.46 0.00	37.10 1.56 0.00	38.74 1.56 -0.17	33.36 1.49 0.00	33.05 1.64 0.00	32.68 1.85 0.00	33.08 1.97 0.06	32.40 1.98 0.00	35.17 2.22 0.00	35.73 2.25 0.00	38.54 2.44 0.00	39.66 2.50 0.00	41.52 2.40 0.00	34.16 1.92 0.00	38.10 2.07 0.00	39.15 1.79 0.00	34.57 1.45 0.00	33.09 1.29 0.00
HQ_GEN_IMPORT 323601	27.03 0.08 0.00	27.86 0.05 0.00	28.34 0.06 0.00	26.94 0.05 0.00	30.07 0.06 0.00	30.79 0.13 0.00	33.38 0.19 0.00	35.77 0.23 0.00	37.25 0.24 0.00	32.06 0.18 0.00	31.55 0.14 0.00	30.96 0.13 0.00	31.25 0.13 0.06	30.57 0.14 0.00	33.12 0.16 0.00	33.64 0.17 0.00	36.28 0.17 0.00	37.33 0.18 0.00	39.29 0.17 0.00	32.37 0.13 0.00	36.19 0.15 0.00	37.51 0.15 0.00	33.25 0.12 0.00	31.92 0.12 0.00
HQ_GEN_WHEEL 23651	27.03 0.08 0.00	27.86 0.05 0.00	28.34 0.06 0.00	26.94 0.05 0.00	30.07 0.06 0.00	30.79 0.13 0.00	33.38 0.19 0.00	35.77 0.23 0.00	37.25 0.24 0.00	32.06 0.18 0.00	31.55 0.14 0.00	30.96 0.13 0.00	31.25 0.13 0.06	30.57 0.14 0.00	33.12 0.16 0.00	33.64 0.17 0.00	36.28 0.17 0.00	37.33 0.18 0.00	39.29 0.17 0.00	32.37 0.13 0.00	36.19 0.15 0.00	37.51 0.15 0.00	33.25 0.12 0.00	31.92 0.12 0.00
HUDSON_AVE_GT_3 23810	28.24 1.29 0.00	29.20 1.39 0.00	29.68 1.40 0.00	28.24 1.35 0.00	31.44 1.44 0.00	32.11 1.45 0.00	34.73 1.55 0.00	37.19 1.65 0.00	38.69 1.68 0.00	33.45 1.58 0.00	33.14 1.73 0.00	32.77 1.94 0.00	33.23 2.05 0.00	32.51 2.08 0.00	35.27 2.32 0.00	35.83 2.36 0.00	38.67 2.56 0.00	39.77 2.62 0.00	41.67 2.55 0.00	34.26 2.03 0.00	38.21 2.18 0.00	39.26 1.90 0.00	34.66 1.54 0.00	33.16 1.36 0.00
HUDSON_AVE_GT_4 23540	28.24 1.29 0.00	29.20 1.39 0.00	29.68 1.40 0.00	28.24 1.35 0.00	31.44 1.44 0.00	32.11 1.45 0.00	34.73 1.55 0.00	37.19 1.65 0.00	38.69 1.68 0.00	33.45 1.58 0.00	33.14 1.73 0.00	32.77 1.94 0.00	33.23 2.05 0.00	32.51 2.08 0.00	35.27 2.32 0.00	35.83 2.36 0.00	38.67 2.56 0.00	39.77 2.62 0.00	41.67 2.55 0.00	34.26 2.03 0.00	38.21 2.18 0.00	39.26 1.90 0.00	34.66 1.54 0.00	33.16 1.36 0.00
HUDSON_AVE_GT_5 23657	28.24 1.29 0.00	29.20 1.39 0.00	29.68 1.40 0.00	28.24 1.35 0.00	31.44 1.44 0.00	32.11 1.45 0.00	34.73 1.55 0.00	37.19 1.65 0.00	38.69 1.68 0.00	33.45 1.58 0.00	33.14 1.73 0.00	32.77 1.94 0.00	33.23 2.05 0.00	32.51 2.08 0.00	35.27 2.32 0.00	35.83 2.36 0.00	38.67 2.56 0.00	39.77 2.62 0.00	41.67 2.55 0.00	34.26 2.03 0.00	38.21 2.18 0.00	39.26 1.90 0.00	34.66 1.54 0.00	33.16 1.36 0.00
HUDSON_AVE_10 24168	28.16 1.21 0.00	29.13 1.33 0.00	29.54 1.27 0.01	19.67 1.21 8.43	31.28 1.28 0.01	31.95 1.30 0.00	34.55 1.37 0.01	36.99 1.46 0.00	38.48 1.48 0.00	33.30 1.43 0.00	32.96 1.56 0.01	32.58 1.76 0.01	33.05 1.88 0.01	32.34 1.91 0.00	35.07 2.13 0.01	35.63 2.16 0.01	38.44 2.35 0.01	39.56 2.41 0.01	41.43 2.32 0.00	34.08 1.85 0.00	38.00 1.98 0.01	39.04 1.68 0.00	34.47 1.35 0.01	32.99 1.20 0.00
HUDSON___115KV_TB 4 355613	27.73 0.78 0.00	28.69 0.88 0.00	29.18 0.90 0.00	27.76 0.87 0.00	30.96 0.96 0.00	31.60 0.94 0.00	34.08 0.89 0.00	36.61 1.08 0.00	38.07 1.06 0.00	32.92 1.04 0.00	32.43 1.02 0.00	31.68 0.85 0.00	32.02 0.85 0.00	31.41 0.98 0.00	34.05 1.10 0.00	34.53 1.06 0.00	37.42 1.31 0.00	38.31 1.16 0.00	40.34 1.22 0.00	33.26 1.03 0.00	37.24 1.21 0.00	38.48 1.12 0.00	34.12 0.99 0.00	32.78 0.98 0.00
HUNTER MOUNT___DRP 323613	27.80 0.85 0.00	28.76 0.95 0.00	29.23 0.96 0.00	27.82 0.93 0.00	31.04 1.04 0.00	31.68 1.03 0.00	34.20 1.01 0.00	36.77 1.23 0.00	38.25 1.24 0.00	33.06 1.19 0.00	32.56 1.15 0.00	31.80 0.97 0.00	32.17 0.99 0.00	31.51 1.08 0.00	34.18 1.24 0.00	34.69 1.22 0.00	37.59 1.49 0.00	38.44 1.29 0.00	40.54 1.42 0.00	33.42 1.19 0.00	37.42 1.39 0.00	38.66 1.29 0.00	34.25 1.13 0.00	32.90 1.10 0.00
HUNTINGTON_RES_REC 323705	28.46 1.51 0.00	29.34 1.53 0.00	31.57 1.64 -1.66	28.47 1.57 -0.01	31.69 1.68 0.00	32.34 1.67 -0.01	46.65 1.75 -11.72	51.75 1.85 -14.36	52.75 1.65 -14.09	35.28 1.69 -1.72	33.06 1.65 0.00	32.54 1.71 0.00	33.12 1.95 0.00	32.13 1.70 0.00	34.92 1.97 0.00	35.58 2.11 0.00	38.37 2.26 0.00	39.32 2.17 0.00	41.07 1.95 0.00	33.92 1.69 0.00	38.09 2.05 0.00	39.23 1.87 0.00	34.84 1.72 0.00	33.46 1.66 0.00
HUNTLEY___63 23557	25.72 -1.23 0.00	19.23 -1.54 7.04	24.95 -1.96 1.37	17.53 -1.70 7.66	19.04 -1.90 9.07	24.68 -1.96 4.02	30.72 -1.84 0.63	26.56 -1.81 7.17	20.64 -1.36 15.01	15.64 -1.58 14.65	16.05 -1.44 13.92	24.18 -1.27 5.38	29.71 -1.37 0.10	28.75 -1.48 0.20	27.60 -1.31 4.04	30.69 -1.64 1.14	20.02 -1.72 14.36	21.18 -1.58 14.40	21.69 -1.46 15.98	27.22 -1.54 3.48	34.15 -1.88 0.00	34.78 -1.27 1.31	30.46 -1.27 1.39	30.64 -1.16 0.00
HUNTLEY___64 23558	25.72 -1.23 0.00	19.23 -1.54 7.04	24.95 -1.96 1.37	17.53 -1.70 7.66	19.04 -1.90 9.07	24.68 -1.96 4.02	30.72 -1.84 0.63	26.56 -1.81 7.17	20.64 -1.36 15.01	15.64 -1.58 14.65	16.05 -1.44 13.92	24.18 -1.27 5.38	29.71 -1.37 0.10	28.75 -1.48 0.20	27.60 -1.31 4.04	30.69 -1.64 1.14	20.02 -1.72 14.36	21.18 -1.58 14.40	21.69 -1.46 15.98	27.22 -1.54 3.48	34.15 -1.88 0.00	34.78 -1.27 1.31	30.46 -1.27 1.39	30.64 -1.16 0.00
HUNTLEY___65 23559	25.72 -1.23 0.00	19.23 -1.54 7.04	24.95 -1.96 1.37	17.53 -1.70 7.66	19.04 -1.90 9.07	24.68 -1.96 4.02	30.72 -1.84 0.63	26.56 -1.81 7.17	20.64 -1.36 15.01	15.64 -1.58 14.65	16.05 -1.44 13.92	24.18 -1.27 5.38	29.71 -1.37 0.10	28.75 -1.48 0.20	27.60 -1.31 4.04	30.69 -1.64 1.14	20.02 -1.72 14.36	21.18 -1.58 14.40	21.69 -1.46 15.98	27.22 -1.54 3.48	34.15 -1.88 0.00	34.78 -1.27 1.31	30.46 -1.27 1.39	30.64 -1.16 0.00
HUNTLEY___66 23560	25.72 -1.23 0.00	19.23 -1.54 7.04	24.95 -1.96 1.37	17.53 -1.70 7.66	19.04 -1.90 9.07	24.68 -1.96 4.02	30.72 -1.84 0.63	26.56 -1.81 7.17	20.64 -1.36 15.01	15.64 -1.58 14.65	16.05 -1.44 13.92	24.18 -1.27 5.38	29.71 -1.37 0.10	28.75 -1.48 0.20	27.60 -1.31 4.04	30.69 -1.64 1.14	20.02 -1.72 14.36	21.18 -1.58 14.40	21.69 -1.46 15.98	27.22 -1.54 3.48	34.15 -1.88 0.00	34.78 -1.27 1.31	30.46 -1.27 1.39	30.64 -1.16 0.00
HUNTLEY___67 23561	25.23 -1.72 0.00	17.96 -2.05 7.80	24.30 -2.45 1.52	16.18 -2.22 8.49	17.62 -2.45 9.94	23.88 -2.53 4.25	30.07 -2.42 0.70	25.07 -2.53 7.95	18.20 -2.16 16.64	13.38 -2.29 16.21	13.89 -2.08 15.43	23.00 -1.86 5.97	29.17 -1.89 0.11	28.24 -1.97 0.22	26.55 -1.92 4.48	30.00 -2.21 1.26	17.76 -2.42 15.93	18.82 -2.35 15.99	19.05 -2.32 17.75	26.21 -2.16 3.86	33.53 -2.51 0.00	33.94 -1.96 1.46	29.73 -1.85 1.55	30.07 -1.73 0.00

HUNTLEY___68 23562	25.23 -1.72 0.00	17.96 -2.05 7.80	24.30 -2.45 1.52	16.18 -2.22 8.49	17.62 -2.45 9.94	23.88 -2.53 4.25	30.07 -2.42 0.70	25.07 -2.53 7.95	18.20 -2.16 16.64	13.38 -2.29 16.21	13.89 -2.08 15.43	23.00 -1.86 5.97	29.17 -1.89 0.11	28.24 -1.97 0.22	26.55 -1.92 4.48	30.00 -2.21 1.26	17.76 -2.42 15.93	18.82 -2.35 15.99	19.05 -2.32 17.75	26.21 -2.16 3.86	33.53 -2.51 0.00	33.94 -1.96 1.46	29.73 -1.85 1.55	30.07 -1.73 0.00
HYLAND___LFGE 323620	27.08 0.13 0.00	50.31 -0.30 -22.80	32.18 -0.52 -4.43	51.18 -0.55 -24.84	52.89 -0.63 -23.51	31.77 -0.80 -1.91	34.56 -0.68 -2.05	57.89 -0.89 -23.25	84.89 -0.83 -48.71	76.42 -1.57 -46.12	74.53 -2.11 -45.23	46.68 -1.85 -17.70	30.04 -1.47 -0.33	29.20 -1.87 -0.65	44.17 -2.07 -13.28	36.10 -1.12 -3.74	81.37 -1.93 -47.19	83.21 -1.54 -47.60	91.24 -0.74 -52.86	43.21 -0.54 -11.51	35.71 -0.34 -0.01	42.54 0.84 -4.34	37.90 0.17 -4.61	31.87 0.07 0.00
INDECK___CORINTH 23802	28.08 1.13 0.00	29.10 1.30 0.00	29.60 1.33 0.00	28.26 1.37 0.00	31.50 1.49 0.00	32.37 1.71 0.00	35.00 1.81 0.00	37.68 2.14 0.00	39.26 2.25 0.00	33.87 2.00 0.00	33.15 1.74 0.00	32.36 1.53 0.00	32.55 1.37 0.00	31.72 1.29 0.00	34.37 1.42 0.00	34.92 1.45 0.00	37.78 1.67 0.00	38.86 1.71 0.00	40.92 1.80 0.00	33.68 1.45 0.00	37.81 1.78 0.00	39.02 1.66 0.00	34.36 1.24 0.00	33.07 1.27 0.00
INDECK___ILION 23567	27.90 0.95 0.00	28.91 1.11 0.00	29.36 1.08 0.00	27.85 0.96 0.00	31.14 1.13 0.00	31.64 0.98 0.00	34.09 0.90 0.00	36.80 1.26 0.00	38.19 1.18 0.00	32.72 0.85 0.00	31.96 0.55 0.00	31.23 0.40 0.00	32.13 0.95 0.00	31.49 1.06 0.00	34.22 1.27 0.00	34.60 1.13 0.00	37.45 1.34 0.00	38.26 1.11 0.00	39.93 0.81 0.00	33.54 1.31 0.00	37.86 1.83 0.00	39.12 1.76 0.00	34.59 1.46 0.00	33.18 1.38 0.00
INDECK___OLEAN 23982	25.59 -1.35 0.00	20.08 -1.41 6.32	25.20 -1.84 1.23	18.47 -1.53 6.88	19.73 -1.64 8.64	24.10 -2.01 4.54	30.98 -1.64 0.57	27.40 -1.68 6.45	22.26 -1.25 13.50	17.07 -1.53 13.27	17.75 -1.18 12.48	24.94 -1.07 4.82	30.01 -1.08 0.09	29.08 -1.17 0.18	28.27 -1.07 3.61	31.26 -1.19 1.02	22.10 -1.13 12.87	22.59 -1.15 13.41	23.15 -1.04 14.93	27.88 -1.10 3.25	34.63 -1.40 0.00	35.14 -0.99 1.23	30.66 -1.16 1.30	30.55 -1.25 0.00
INDECK___OSWEGO 23783	26.24 -0.71 0.00	27.07 -0.74 0.00	27.50 -0.77 0.00	26.16 -0.73 0.00	29.20 -0.81 0.00	29.78 -0.88 0.00	32.23 -0.95 0.00	34.43 -1.11 0.00	35.89 -1.12 0.00	30.89 -0.98 0.00	30.42 -0.99 0.00	29.83 -1.00 0.00	30.11 -1.07 0.00	29.33 -1.10 0.00	31.76 -1.19 0.00	32.24 -1.23 0.00	34.78 -1.33 0.00	35.97 -1.18 0.00	37.89 -1.23 0.00	31.25 -0.99 0.00	34.87 -1.16 0.00	36.22 -1.14 0.00	32.19 -0.94 0.00	30.93 -0.87 0.00
INDECK___YERKES 23781	25.74 -1.20 0.00	19.27 -1.50 7.04	24.97 -1.93 1.37	17.58 -1.65 7.66	19.09 -1.84 9.07	24.67 -1.97 4.02	30.76 -1.80 0.63	26.61 -1.76 7.17	20.79 -1.20 15.01	15.70 -1.53 14.65	16.13 -1.36 13.92	24.20 -1.25 5.38	29.77 -1.31 0.10	28.84 -1.39 0.20	27.63 -1.28 4.04	30.73 -1.60 1.14	20.14 -1.60 14.36	21.27 -1.49 14.40	21.80 -1.35 15.98	27.28 -1.48 3.48	34.19 -1.85 0.00	34.83 -1.22 1.31	30.51 -1.22 1.39	30.67 -1.13 0.00
INDIAN POINT_GT_1 24139	28.02 1.07 0.00	28.98 1.18 0.00	29.49 1.21 0.00	28.06 1.17 0.00	31.26 1.26 0.00	31.92 1.25 0.00	34.51 1.32 0.00	36.97 1.44 0.00	38.45 1.44 0.00	33.22 1.35 0.00	32.90 1.49 0.00	32.47 1.64 0.00	32.92 1.74 0.00	32.20 1.77 0.00	34.92 1.97 0.00	35.49 2.02 0.00	38.28 2.18 0.00	39.38 2.22 0.00	41.26 2.14 0.00	33.98 1.75 0.00	37.95 1.92 0.00	39.04 1.68 0.00	34.48 1.36 0.00	33.01 1.21 0.00
INDIAN POINT_GT_2 23659	28.02 1.07 0.00	28.98 1.18 0.00	29.49 1.21 0.00	28.06 1.17 0.00	31.26 1.26 0.00	31.92 1.25 0.00	34.51 1.32 0.00	36.97 1.44 0.00	38.45 1.44 0.00	33.22 1.35 0.00	32.90 1.49 0.00	32.47 1.64 0.00	32.92 1.74 0.00	32.20 1.77 0.00	34.92 1.97 0.00	35.49 2.02 0.00	38.28 2.18 0.00	39.38 2.22 0.00	41.26 2.14 0.00	33.98 1.75 0.00	37.95 1.92 0.00	39.04 1.68 0.00	34.48 1.36 0.00	33.01 1.21 0.00
INDIAN POINT_GT_3 24019	28.02 1.07 0.00	28.98 1.18 0.00	29.49 1.21 0.00	28.06 1.17 0.00	31.26 1.26 0.00	31.92 1.25 0.00	34.51 1.32 0.00	36.97 1.44 0.00	38.45 1.44 0.00	33.22 1.35 0.00	32.90 1.49 0.00	32.47 1.64 0.00	32.92 1.74 0.00	32.20 1.77 0.00	34.92 1.97 0.00	35.49 2.02 0.00	38.28 2.18 0.00	39.38 2.22 0.00	41.26 2.14 0.00	33.98 1.75 0.00	37.95 1.92 0.00	39.04 1.68 0.00	34.48 1.36 0.00	33.01 1.21 0.00
INDIAN POINT___2 23530	27.97 1.03 0.00	28.94 1.13 0.00	29.46 1.19 0.00	28.04 1.15 0.00	31.24 1.23 0.00	31.89 1.23 0.00	34.47 1.28 0.00	36.90 1.36 0.00	38.36 1.34 0.00	33.15 1.28 0.00	32.84 1.43 0.00	32.43 1.60 0.00	32.88 1.70 0.00	32.21 1.78 0.00	35.04 2.09 0.00	35.61 2.14 0.00	38.41 2.30 0.00	39.49 2.34 0.00	41.37 2.25 0.00	34.06 1.83 0.00	38.03 2.00 0.00	39.12 1.76 0.00	34.56 1.43 0.00	33.09 1.29 0.00
INDIAN POINT___3 23531	27.98 1.03 0.00	28.94 1.14 0.00	29.46 1.19 0.00	28.05 1.16 0.00	31.25 1.24 0.00	31.88 1.22 0.00	34.47 1.28 0.00	36.91 1.37 0.00	38.39 1.38 0.00	33.17 1.30 0.00	32.85 1.45 0.00	32.44 1.60 0.00	32.89 1.71 0.00	32.16 1.73 0.00	34.87 1.92 0.00	35.43 1.96 0.00	38.21 2.10 0.00	39.30 2.14 0.00	41.18 2.06 0.00	33.92 1.69 0.00	37.88 1.85 0.00	38.96 1.60 0.00	34.42 1.29 0.00	32.95 1.15 0.00
INDIANHDD_69_KV_BK1 55831	28.55 1.60 0.00	29.43 1.62 0.00	31.65 1.72 -1.66	28.56 1.66 -0.01	31.78 1.78 0.00	32.43 1.76 -0.01	46.74 1.85 -11.70	51.86 1.97 -14.35	52.88 1.79 -14.07	35.39 1.80 -1.72	33.13 1.73 0.00	32.60 1.77 0.00	33.19 2.02 0.00	32.19 1.77 0.00	34.97 2.02 0.00	35.63 2.16 0.00	38.44 2.34 0.00	39.43 2.28 0.00	41.21 2.09 0.00	34.03 1.79 0.00	38.22 2.18 0.00	39.36 2.00 0.00	34.96 1.83 0.00	33.57 1.77 0.00
INGHAM_C_115KV_TB7 356103	27.90 0.95 0.00	28.91 1.11 0.00	29.36 1.08 0.00	27.85 0.96 0.00	31.14 1.13 0.00	31.64 0.98 0.00	34.09 0.90 0.00	36.80 1.26 0.00	38.19 1.18 0.00	32.72 0.85 0.00	31.96 0.55 0.00	31.23 0.40 0.00	32.13 0.95 0.00	31.49 1.06 0.00	34.22 1.27 0.00	34.60 1.13 0.00	37.45 1.34 0.00	38.26 1.11 0.00	39.93 0.81 0.00	33.54 1.31 0.00	37.86 1.83 0.00	39.12 1.76 0.00	34.59 1.46 0.00	33.18 1.38 0.00
IP CORINTH___1 23988	28.08 1.13 0.00	29.11 1.30 0.00	29.60 1.33 0.00	28.26 1.37 0.00	31.50 1.49 0.00	32.37 1.71 0.00	35.00 1.81 0.00	37.68 2.14 0.00	39.26 2.25 0.00	33.87 1.99 0.00	33.15 1.74 0.00	32.37 1.53 0.00	32.56 1.38 0.00	31.73 1.30 0.00	34.37 1.43 0.00	34.92 1.45 0.00	37.78 1.67 0.00	38.86 1.71 0.00	40.92 1.80 0.00	33.68 1.45 0.00	37.81 1.78 0.00	39.02 1.66 0.00	34.36 1.24 0.00	33.07 1.27 0.00

IP__TICONDEROGA 23804	28.34 1.39 0.00	29.49 1.69 0.00	29.92 1.65 0.00	28.84 1.95 0.00	32.07 2.06 0.00	33.44 2.77 0.00	35.88 2.69 0.00	38.79 3.24 0.00	40.64 3.63 0.00	35.19 3.31 0.00	34.55 3.14 0.00	33.63 2.80 0.00	33.48 2.30 0.00	32.36 1.93 0.00	35.38 2.43 0.00	36.06 2.59 0.00	39.22 3.11 0.00	40.55 3.40 0.00	42.69 3.57 0.00	35.01 2.77 0.00	39.51 3.48 0.00	40.65 3.29 0.00	35.48 2.35 0.00	34.08 2.28 0.00
ISLIP_RES_REC 323679	28.81 1.86 0.00	29.67 1.87 0.00	31.90 1.96 -1.66	28.78 1.89 -0.01	32.04 2.03 0.00	32.69 2.03 -0.01	47.06 2.14 -11.74	52.21 2.28 -14.39	53.21 2.09 -14.11	35.67 2.07 -1.72	33.38 1.98 0.00	32.80 1.97 0.00	33.39 2.21 0.00	32.35 1.92 0.00	35.16 2.21 0.00	35.84 2.36 0.00	38.68 2.58 0.00	39.72 2.57 0.00	41.48 2.36 0.00	34.28 2.05 0.00	38.52 2.49 0.00	39.68 2.32 0.00	35.23 2.11 0.00	33.82 2.02 0.00
JAMAICA__27_KV_LOAD 355505	28.38 1.43 0.00	29.36 1.56 0.00	29.66 1.39 0.01	19.77 1.31 8.43	31.39 1.39 0.01	32.06 1.41 0.00	34.68 1.50 0.01	37.13 1.59 0.00	38.62 1.61 0.00	33.43 1.55 0.00	33.04 1.64 0.01	32.65 1.83 0.01	33.13 1.96 0.01	32.42 1.99 0.00	35.17 2.22 0.01	35.72 2.25 0.01	38.55 2.45 0.01	39.67 2.53 0.01	41.58 2.46 0.00	34.19 1.96 0.00	38.13 2.10 0.01	39.19 1.83 0.00	34.59 1.47 0.01	33.11 1.31 0.00
JANIS__SOLAR 323808	27.60 0.65 0.00	30.06 0.71 -1.54	29.27 0.69 -0.30	29.19 0.63 -1.68	32.54 0.84 -1.70	31.93 0.94 -0.33	34.69 1.36 -0.14	38.60 1.43 -1.64	41.73 1.30 -3.42	36.67 0.82 -3.98	35.19 0.63 -3.15	32.67 0.62 -1.23	31.74 0.54 -0.02	30.36 -0.11 -0.04	33.62 -0.24 -0.92	33.53 -0.19 -0.25	38.87 -0.38 -3.15	40.17 -0.18 -3.20	43.54 0.87 -3.56	34.16 1.15 -0.78	37.45 1.42 0.00	39.26 1.61 -0.29	34.63 1.20 -0.31	32.88 1.08 0.00
JARVIS____ 23743	26.98 0.04 0.00	27.86 0.06 0.00	28.33 0.06 0.00	26.94 0.06 0.00	30.07 0.06 0.00	30.70 0.04 0.00	33.22 0.03 0.00	35.57 0.03 0.00	37.03 0.02 0.00	31.90 0.03 0.00	31.44 0.03 0.00	30.88 0.05 0.00	31.24 0.06 0.00	30.49 0.06 0.00	33.00 0.05 0.00	33.53 0.06 0.00	36.18 0.08 0.00	37.19 0.04 0.00	39.17 0.05 0.00	32.30 0.06 0.00	36.11 0.07 0.00	37.42 0.06 0.00	33.17 0.04 0.00	31.83 0.03 0.00
JENNISON__1 23625	27.45 0.51 0.00	28.43 0.62 0.00	28.96 0.68 0.00	27.48 0.58 0.00	31.40 0.79 -0.61	32.81 1.01 -1.15	34.80 1.61 0.00	37.32 1.78 0.00	38.50 1.49 0.00	33.23 1.20 -0.16	32.51 1.10 0.00	31.90 1.07 0.00	32.27 1.08 -0.01	31.11 0.00 0.00	33.40 0.45 0.00	33.72 0.24 0.00	36.56 0.46 0.00	37.64 0.49 0.00	39.85 0.73 0.00	33.14 0.91 0.00	37.32 1.29 0.00	39.13 1.77 0.00	34.46 1.34 0.00	32.99 1.18 0.00
JENNISON__2 23626	27.45 0.51 0.00	28.43 0.62 0.00	28.96 0.68 0.00	27.48 0.58 0.00	31.40 0.79 -0.61	32.81 1.01 -1.15	34.80 1.61 0.00	37.32 1.78 0.00	38.50 1.49 0.00	33.23 1.20 -0.16	32.51 1.10 0.00	31.90 1.07 0.00	32.27 1.08 -0.01	31.11 0.00 0.00	33.40 0.45 0.00	33.72 0.24 0.00	36.56 0.46 0.00	37.64 0.49 0.00	39.85 0.73 0.00	33.14 0.91 0.00	37.32 1.29 0.00	39.13 1.77 0.00	34.46 1.34 0.00	32.99 1.18 0.00
JERICHO_RISE_WT_PWR 323719	26.90 -0.05 0.00	27.65 -0.16 0.00	28.15 -0.12 0.00	26.76 -0.13 0.00	29.89 -0.12 0.00	30.73 0.07 0.00	33.35 0.16 0.00	35.76 0.22 0.00	37.22 0.21 0.00	31.98 0.11 0.00	31.41 0.00 0.00	30.75 -0.08 0.00	31.04 -0.14 0.00	30.35 -0.07 0.00	32.94 -0.01 0.00	33.51 0.03 0.00	36.21 0.11 0.00	37.26 0.11 0.00	39.18 0.06 0.00	32.18 -0.05 0.00	35.95 -0.09 0.00	37.27 -0.09 0.00	33.09 -0.03 0.00	31.83 0.03 0.00
KATONAH__115KV_46KV_TB4 355592	28.09 1.14 0.00	29.06 1.25 0.00	29.56 1.29 0.00	28.14 1.24 0.00	31.34 1.34 0.00	32.00 1.33 0.00	34.61 1.42 0.00	37.09 1.56 0.00	38.60 1.59 0.00	33.35 1.48 0.00	33.04 1.63 0.00	32.59 1.76 0.00	33.03 1.86 0.00	32.31 1.89 0.00	35.01 2.06 0.00	35.59 2.12 0.00	38.39 2.29 0.00	39.48 2.32 0.00	41.38 2.26 0.00	34.08 1.85 0.00	38.06 2.02 0.00	39.16 1.80 0.00	34.59 1.47 0.00	33.12 1.32 0.00
KCE_NY_1 323755	28.10 1.16 0.00	29.09 1.28 0.00	29.59 1.31 0.00	28.18 1.29 0.00	31.43 1.43 0.00	32.19 1.53 0.00	34.80 1.61 0.00	37.41 1.87 0.00	38.92 1.91 0.00	33.58 1.70 0.00	33.03 1.62 0.00	32.33 1.50 0.00	32.63 1.46 0.00	31.77 1.34 0.00	34.40 1.45 0.00	34.91 1.44 0.00	37.74 1.64 0.00	38.75 1.60 0.00	40.74 1.62 0.00	33.59 1.36 0.00	37.68 1.64 0.00	38.93 1.57 0.00	34.35 1.23 0.00	32.99 1.19 0.00
KCE_NY_6_ESR 323823	25.45 -1.50 0.00	17.80 -1.80 8.20	24.46 -2.23 1.59	15.96 -2.00 8.93	17.31 -2.24 10.46	23.79 -2.38 4.49	30.30 -2.15 0.73	24.97 -2.21 8.36	17.80 -1.71 17.50	12.81 -2.02 17.05	13.41 -1.77 16.22	22.97 -1.59 6.27	29.47 -1.59 0.12	28.55 -1.65 0.23	26.64 -1.60 4.71	30.24 -1.91 1.33	17.38 -1.98 16.75	18.45 -1.93 16.77	18.66 -1.84 18.61	26.39 -1.79 4.05	33.91 -2.12 0.00	34.26 -1.57 1.53	29.96 -1.54 1.62	30.33 -1.47 0.00
KEDC_PORT_JEFF_GT2 24210	28.65 1.70 0.00	29.53 1.72 0.00	31.74 1.82 -1.65	28.65 1.75 -0.01	31.88 1.87 0.00	32.53 1.87 -0.01	46.76 1.94 -11.64	51.86 2.05 -14.27	52.87 1.87 -14.00	35.46 1.88 -1.71	33.22 1.82 0.00	32.66 1.83 0.00	33.25 2.07 0.00	32.20 1.78 0.00	34.98 2.03 0.00	35.63 2.16 0.00	38.44 2.33 0.00	39.39 2.24 0.00	41.12 2.00 0.00	34.02 1.78 0.00	38.24 2.21 0.00	39.40 2.04 0.00	35.02 1.90 0.00	33.64 1.84 0.00
KEDC_PORT_JEFF_GT3 24211	28.65 1.70 0.00	29.53 1.72 0.00	31.74 1.82 -1.65	28.65 1.75 -0.01	31.88 1.87 0.00	32.53 1.87 -0.01	46.76 1.94 -11.64	51.86 2.05 -14.27	52.87 1.87 -14.00	35.46 1.88 -1.71	33.22 1.82 0.00	32.66 1.83 0.00	33.25 2.07 0.00	32.20 1.78 0.00	34.98 2.03 0.00	35.63 2.16 0.00	38.44 2.33 0.00	39.39 2.24 0.00	41.12 2.00 0.00	34.02 1.78 0.00	38.24 2.21 0.00	39.40 2.04 0.00	35.02 1.90 0.00	33.64 1.84 0.00
KEDC_GLWD_GT4 24219	28.38 1.43 0.00	29.31 1.51 0.00	32.51 1.60 -2.63	28.44 1.54 -0.01	31.66 1.66 0.00	32.34 1.66 -0.01	53.53 1.75 -18.59	60.22 1.88 -22.79	61.25 1.88 -22.36	36.36 1.75 -2.73	33.26 1.85 0.00	32.83 2.00 0.00	33.35 2.17 0.00	32.51 2.08 0.00	35.31 2.36 0.00	35.92 2.45 0.00	38.78 2.67 0.00	39.82 2.66 0.00	41.67 2.55 0.00	34.23 2.00 0.00	38.28 2.25 0.00	39.36 2.00 0.00	34.95 1.82 0.00	33.46 1.66 0.00
KEDC_GLWD_GT5 24220	28.38 1.43 0.00	29.31 1.51 0.00	32.51 1.60 -2.63	28.44 1.54 -0.01	31.66 1.66 0.00	32.34 1.66 -0.01	53.53 1.75 -18.59	60.22 1.88 -22.79	61.25 1.88 -22.36	36.36 1.75 -2.73	33.26 1.85 0.00	32.83 2.00 0.00	33.35 2.17 0.00	32.51 2.08 0.00	35.31 2.36 0.00	35.92 2.45 0.00	38.78 2.67 0.00	39.82 2.66 0.00	41.67 2.55 0.00	34.23 2.00 0.00	38.28 2.25 0.00	39.36 2.00 0.00	34.95 1.82 0.00	33.46 1.66 0.00

KENSICO____ 23655	28.07 1.12 0.00	29.04 1.23 0.00	29.54 1.27 0.00	28.11 1.22 0.00	31.31 1.31 0.00	31.97 1.31 0.00	34.57 1.38 0.00	37.02 1.48 0.00	38.51 1.50 0.00	33.28 1.41 0.00	32.96 1.55 0.00	32.55 1.72 0.00	33.00 1.83 0.00	32.28 1.85 0.00	35.01 2.07 0.00	35.59 2.12 0.00	38.39 2.28 0.00	39.48 2.33 0.00	41.36 2.24 0.00	34.05 1.81 0.00	38.02 1.99 0.00	39.11 1.75 0.00	34.55 1.43 0.00	33.08 1.28 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	28.18 1.23 0.00	29.17 1.36 0.00	29.69 1.42 0.00	28.27 1.38 0.00	31.69 1.50 -0.17	32.54 1.55 -0.33	34.88 1.70 0.00	37.39 1.86 0.00	38.92 1.91 0.00	33.53 1.66 0.00	33.05 1.64 0.00	32.57 1.74 0.00	33.05 1.88 0.00	32.34 1.91 0.00	35.15 2.20 0.00	35.78 2.31 0.00	38.66 2.55 0.00	39.80 2.64 0.00	41.74 2.62 0.00	34.39 2.15 0.00	38.44 2.41 0.00	39.57 2.21 0.00	34.90 1.78 0.00	33.36 1.56 0.00
KIAC_JFK_GT1 23816	28.23 1.28 0.00	29.22 1.41 0.00	29.52 1.25 0.01	19.62 1.16 8.43	31.22 1.22 0.01	31.88 1.23 0.00	34.48 1.30 0.01	36.90 1.37 0.00	38.39 1.38 0.00	33.24 1.37 0.00	32.87 1.47 0.01	32.49 1.67 0.01	32.95 1.78 0.01	32.25 1.83 0.00	34.98 2.03 0.01	35.53 2.06 0.01	38.34 2.24 0.01	39.40 2.25 0.01	41.19 2.07 0.00	33.87 1.64 0.00	37.77 1.74 0.01	38.93 1.57 0.00	34.38 1.26 0.01	32.92 1.13 0.00
KIAC_JFK_GT2 23817	28.23 1.28 0.00	29.22 1.41 0.00	29.52 1.25 0.01	19.62 1.16 8.43	31.22 1.22 0.01	31.88 1.23 0.00	34.48 1.30 0.01	36.90 1.37 0.00	38.39 1.38 0.00	33.24 1.37 0.00	32.87 1.47 0.01	32.49 1.67 0.01	32.95 1.78 0.01	32.25 1.83 0.00	34.98 2.03 0.01	35.53 2.06 0.01	38.34 2.24 0.01	39.40 2.25 0.01	41.19 2.07 0.00	33.87 1.64 0.00	37.77 1.74 0.01	38.93 1.57 0.00	34.38 1.26 0.01	32.92 1.13 0.00
KIAC_JFK____ 323774	28.23 1.28 0.00	29.21 1.40 0.00	29.52 1.25 0.01	19.62 1.16 8.43	31.22 1.21 0.01	31.90 1.24 0.00	34.47 1.29 0.01	36.90 1.36 0.00	38.36 1.35 0.00	33.24 1.36 0.00	32.86 1.46 0.01	32.49 1.67 0.01	32.95 1.78 0.01	32.23 1.81 0.00	34.97 2.03 0.01	35.53 2.06 0.01	38.33 2.23 0.01	39.39 2.24 0.01	41.18 2.06 0.00	33.86 1.63 0.00	37.77 1.74 0.01	38.93 1.57 0.00	34.37 1.25 0.01	32.92 1.12 0.00
KINTIGH_24_KV_GSU 356498	25.48 -1.46 0.00	21.61 -1.74 4.46	25.32 -2.09 0.87	20.15 -1.88 4.86	21.95 -2.06 5.99	25.50 -2.16 3.00	30.77 -2.02 0.40	28.85 -2.14 4.55	25.72 -1.77 9.52	20.60 -1.94 9.34	20.77 -1.82 8.82	25.77 -1.66 3.40	29.49 -1.63 0.06	28.66 -1.65 0.12	28.74 -1.66 2.55	30.87 -1.88 0.72	24.95 -2.06 9.09	25.98 -2.04 9.13	26.97 -2.02 10.14	28.16 -1.86 2.21	33.87 -2.17 0.00	34.80 -1.73 0.83	30.62 -1.62 0.88	30.28 -1.52 0.00
KINTIGH____ 23543	25.46 -1.49 0.00	21.57 -1.77 4.46	25.30 -2.11 0.87	20.11 -1.92 4.86	21.92 -2.10 5.99	25.51 -2.15 3.00	30.74 -2.05 0.40	28.80 -2.19 4.55	25.59 -1.90 9.52	20.55 -1.98 9.34	20.72 -1.87 8.82	25.76 -1.67 3.40	29.44 -1.67 0.06	28.60 -1.71 0.12	28.70 -1.70 2.55	30.85 -1.90 0.72	24.85 -2.16 9.09	25.91 -2.11 9.13	26.88 -2.10 10.14	28.13 -1.90 2.21	33.84 -2.19 0.00	34.78 -1.75 0.83	30.60 -1.64 0.88	30.26 -1.54 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	27.22 0.27 0.00	27.98 0.17 0.00	28.45 0.17 0.00	27.07 0.17 0.00	30.23 0.22 0.00	31.15 0.49 0.00	33.80 0.61 0.00	36.17 0.64 0.00	37.66 0.65 0.00	32.41 0.54 0.00	31.82 0.41 0.00	31.14 0.30 0.00	31.36 0.18 0.00	30.69 0.26 0.00	33.34 0.39 0.00	33.94 0.47 0.00	36.72 0.61 0.00	37.72 0.56 0.00	39.73 0.61 0.00	32.68 0.44 0.00	36.56 0.52 0.00	37.82 0.46 0.00	33.50 0.38 0.00	32.22 0.42 0.00
LACHUTE____HYDRO 323717	28.34 1.39 0.00	29.49 1.68 0.00	29.92 1.65 0.00	28.84 1.95 0.00	32.07 2.06 0.00	33.44 2.78 0.00	35.88 2.69 0.00	38.79 3.24 0.00	40.64 3.63 0.00	35.18 3.31 0.00	34.55 3.14 0.00	33.63 2.79 0.00	33.48 2.30 0.00	32.36 1.93 0.00	35.38 2.43 0.00	36.06 2.59 0.00	39.22 3.12 0.00	40.55 3.39 0.00	42.69 3.57 0.00	35.00 2.77 0.00	39.51 3.48 0.00	40.65 3.30 0.00	35.47 2.35 0.00	34.08 2.28 0.00
LAWRNCV_115KV_TB1 80681	27.02 0.07 0.00	27.80 -0.01 0.00	28.31 0.03 0.00	26.89 0.00 0.00	30.01 0.00 0.00	30.83 0.16 0.00	33.52 0.33 0.00	35.93 0.39 0.00	37.40 0.39 0.00	32.16 0.29 0.00	31.60 0.19 0.00	30.93 0.10 0.00	31.23 0.05 0.00	30.52 0.09 0.00	33.09 0.14 0.00	33.60 0.12 0.00	36.20 0.09 0.00	37.25 0.10 0.00	39.25 0.12 0.00	32.35 0.11 0.00	36.14 0.11 0.00	37.44 0.08 0.00	33.17 0.04 0.00	31.86 0.06 0.00
LEDERLE____ 23769	28.09 1.15 0.00	29.06 1.25 0.00	29.58 1.31 0.00	28.16 1.27 0.00	31.54 1.37 -0.16	32.33 1.37 -0.30	34.66 1.47 0.00	37.10 1.56 0.00	38.62 1.61 0.00	33.36 1.49 0.00	33.03 1.62 0.00	32.61 1.78 0.00	33.09 1.92 0.00	32.35 1.92 0.00	35.08 2.13 0.00	35.65 2.18 0.00	38.44 2.34 0.00	39.52 2.37 0.00	41.38 2.26 0.00	34.12 1.88 0.00	38.10 2.07 0.00	39.17 1.81 0.00	34.56 1.44 0.00	33.06 1.26 0.00
LIGHTHSE_115KV_TB6 355974	26.47 -0.47 0.00	27.28 -0.53 0.00	27.75 -0.53 0.00	26.39 -0.50 0.00	29.41 -0.60 0.00	29.88 -0.78 0.00	32.42 -0.77 0.00	34.60 -0.94 0.00	36.10 -0.91 0.00	31.04 -0.83 0.00	30.54 -0.87 0.00	29.95 -0.88 0.00	30.08 -1.09 0.00	29.24 -1.18 0.00	31.66 -1.29 0.00	32.16 -1.31 0.00	34.60 -1.51 0.00	36.06 -1.10 0.00	38.09 -1.03 0.00	31.44 -0.79 0.00	34.94 -1.09 0.00	36.29 -1.07 0.00	32.17 -0.96 0.00	30.99 -0.81 0.00
LINDEN COGEN____ 23786	28.06 1.12 0.00	29.03 1.22 0.00	29.53 1.25 0.00	28.09 1.20 0.00	31.29 1.28 0.00	31.95 1.29 0.00	34.54 1.35 0.00	36.96 1.42 0.00	38.42 1.41 0.00	33.22 1.35 0.00	32.91 1.51 0.00	32.56 1.73 0.00	33.02 1.85 0.00	32.30 1.87 0.00	35.06 2.11 0.00	35.62 2.14 0.00	38.42 2.32 0.00	39.54 2.39 0.00	41.41 2.29 0.00	34.09 1.86 0.00	38.03 2.00 0.00	39.04 1.68 0.00	34.46 1.33 0.00	32.98 1.18 0.00
LINDHRST_69_KV_BK1 356055	28.76 1.81 0.00	29.65 1.84 0.00	32.13 1.97 -1.89	28.78 1.88 -0.01	32.04 2.03 0.00	32.71 2.04 -0.01	48.68 2.19 -13.31	54.21 2.36 -16.32	55.30 2.28 -16.00	35.88 2.05 -1.95	33.43 2.02 0.00	32.94 2.11 0.00	33.54 2.36 0.00	32.55 2.12 0.00	35.35 2.40 0.00	36.05 2.57 0.00	39.08 2.97 0.00	40.12 2.97 0.00	41.95 2.83 0.00	34.61 2.38 0.00	38.85 2.82 0.00	39.99 2.63 0.00	35.43 2.30 0.00	33.93 2.13 0.00
LIPA_MISC_IPP 23656	28.72 1.77 0.00	29.60 1.79 0.00	31.80 1.89 -1.64	28.72 1.82 -0.01	31.96 1.96 0.00	32.60 1.94 -0.01	46.80 2.02 -11.59	51.90 2.14 -14.22	52.92 1.96 -13.94	35.54 1.96 -1.70	33.27 1.87 0.00	32.68 1.85 0.00	33.25 2.08 0.00	32.26 1.83 0.00	35.04 2.09 0.00	35.72 2.25 0.00	38.61 2.50 0.00	39.59 2.44 0.00	41.27 2.15 0.00	34.05 1.82 0.00	38.26 2.22 0.00	39.43 2.07 0.00	35.02 1.90 0.00	33.62 1.81 0.00

LISF___SOLAR 323691	28.78 1.83 0.00	29.64 1.84 0.00	31.85 1.93 -1.65	28.76 1.86 -0.01	32.01 2.00 0.00	32.66 2.00 -0.01	46.88 2.08 -11.61	51.99 2.21 -14.24	52.98 2.00 -13.96	35.58 2.01 -1.70	33.29 1.89 0.00	32.69 1.86 0.00	33.26 2.08 0.00	32.25 1.82 0.00	35.04 2.09 0.00	35.73 2.26 0.00	38.63 2.52 0.00	39.63 2.48 0.00	41.31 2.19 0.00	34.11 1.87 0.00	38.33 2.30 0.00	39.52 2.15 0.00	35.09 1.96 0.00	33.68 1.88 0.00
LITTLE FALLS___HYD 24013	27.90 0.95 0.00	28.91 1.11 0.00	29.36 1.08 0.00	27.85 0.96 0.00	31.14 1.13 0.00	31.64 0.98 0.00	34.09 0.90 0.00	36.80 1.26 0.00	38.19 1.18 0.00	32.72 0.85 0.00	31.96 0.55 0.00	31.23 0.40 0.00	32.13 0.95 0.00	31.49 1.06 0.00	34.22 1.27 0.00	34.60 1.13 0.00	37.45 1.34 0.00	38.26 1.11 0.00	39.93 0.81 0.00	33.54 1.31 0.00	37.86 1.83 0.00	39.12 1.76 0.00	34.59 1.46 0.00	33.18 1.38 0.00
LITTLRIV_115KV_TB1 356100	26.90 -0.05 0.00	27.65 -0.15 0.00	28.18 -0.09 0.00	26.78 -0.11 0.00	29.87 -0.14 0.00	30.64 -0.03 0.00	33.42 0.24 0.00	35.82 0.28 0.00	37.24 0.23 0.00	31.96 0.09 0.00	31.31 -0.10 0.00	30.40 -0.43 0.00	30.56 -0.62 0.00	29.85 -0.58 0.00	32.53 -0.42 0.00	32.92 -0.54 0.00	35.46 -0.64 0.00	36.53 -0.62 0.00	38.64 -0.48 0.00	31.97 -0.27 0.00	35.60 -0.44 0.00	36.86 -0.49 0.00	32.72 -0.40 0.00	31.54 -0.26 0.00
LI_NEWBRDGE___DRP 323616	28.23 1.28 0.00	29.14 1.33 0.00	31.29 1.47 -1.55	28.32 1.42 -0.01	31.51 1.50 0.00	32.15 1.49 -0.01	45.63 1.56 -10.88	50.53 1.65 -13.34	51.68 1.58 -13.09	35.01 1.54 -1.60	33.01 1.60 0.00	32.54 1.71 0.00	33.08 1.91 0.00	32.20 1.78 0.00	35.00 2.05 0.00	35.62 2.15 0.00	38.44 2.33 0.00	39.43 2.28 0.00	41.24 2.12 0.00	34.01 1.78 0.00	38.08 2.05 0.00	39.17 1.81 0.00	34.74 1.62 0.00	33.30 1.50 0.00
LOCKPORT_115KV_TB60_63_64 80432	25.31 -1.64 0.00	20.00 -1.93 5.87	24.74 -2.39 1.14	18.42 -2.07 6.40	20.05 -2.28 7.68	24.72 -2.38 3.56	30.30 -2.36 0.53	27.18 -2.37 5.98	22.55 -1.93 12.53	17.49 -2.13 12.25	17.79 -2.00 11.62	24.48 -1.86 4.49	29.10 -2.00 0.08	28.17 -2.09 0.16	27.64 -1.94 3.37	30.24 -2.29 0.95	21.74 -2.38 11.98	22.88 -2.26 12.02	23.58 -2.20 13.34	27.14 -2.19 2.90	33.40 -2.63 0.00	34.23 -2.03 1.10	30.06 -1.90 1.16	30.06 -1.74 0.00
LOCKPORT___CC1 323769	25.27 -1.67 0.00	19.59 -1.96 6.25	24.63 -2.43 1.22	17.97 -2.10 6.81	19.57 -2.32 8.11	24.50 -2.49 3.67	30.22 -2.41 0.56	26.76 -2.41 6.37	21.77 -1.90 13.34	16.67 -2.17 13.03	17.02 -2.02 12.37	24.14 -1.91 4.78	29.10 -1.99 0.09	28.21 -2.04 0.17	27.39 -1.98 3.59	30.15 -2.31 1.01	20.99 -2.36 12.76	22.09 -2.26 12.80	22.70 -2.21 14.21	26.94 -2.00 3.09	33.38 -2.65 0.00	34.13 -2.06 1.17	29.97 -1.91 1.24	30.03 -1.77 0.00
LOCKPORT___CC2 323770	25.27 -1.67 0.00	19.59 -1.96 6.25	24.63 -2.43 1.22	17.97 -2.10 6.81	19.57 -2.32 8.11	24.50 -2.49 3.67	30.22 -2.41 0.56	26.76 -2.41 6.37	21.77 -1.90 13.34	16.67 -2.17 13.03	17.02 -2.02 12.37	24.14 -1.91 4.78	29.10 -1.99 0.09	28.21 -2.04 0.17	27.39 -1.98 3.59	30.15 -2.31 1.01	20.99 -2.36 12.76	22.09 -2.26 12.80	22.70 -2.21 14.21	26.94 -2.20 3.09	33.38 -2.65 0.00	34.13 -2.06 1.17	29.97 -1.91 1.24	30.03 -1.77 0.00
LOCKPORT___CC3 323771	25.27 -1.67 0.00	19.59 -1.96 6.25	24.63 -2.43 1.22	17.97 -2.10 6.81	19.57 -2.32 8.11	24.50 -2.49 3.67	30.22 -2.41 0.56	26.76 -2.41 6.37	21.77 -1.90 13.34	16.67 -2.17 13.03	17.02 -2.02 12.37	24.14 -1.91 4.78	29.10 -1.99 0.09	28.21 -2.04 0.17	27.39 -1.98 3.59	30.15 -2.31 1.01	20.99 -2.36 12.76	22.09 -2.26 12.80	22.70 -2.21 14.21	26.94 -2.20 3.09	33.38 -2.65 0.00	34.13 -2.06 1.17	29.97 -1.91 1.24	30.03 -1.77 0.00
LOCUSVLY_69_KV_BK2 55797	28.45 1.51 0.00	29.38 1.58 0.00	32.33 1.68 -2.37	28.53 1.63 -0.01	31.75 1.74 0.00	32.41 1.74 -0.01	51.80 1.85 -16.76	58.07 1.97 -20.56	59.12 1.94 -20.16	36.18 1.85 -2.46	33.32 1.92 0.00	32.88 2.04 0.00	33.41 2.24 0.00	32.55 2.12 0.00	35.37 2.42 0.00	36.00 2.53 0.00	38.85 2.75 0.00	39.86 2.70 0.00	41.69 2.57 0.00	34.34 2.10 0.00	38.41 2.37 0.00	39.51 2.15 0.00	35.05 1.92 0.00	33.57 1.77 0.00
LONG_LAKE_PHOENIX 24014	26.21 -0.73 0.00	27.04 -0.77 0.00	27.47 -0.81 0.00	26.13 -0.76 0.00	29.17 -0.84 0.00	29.77 -0.89 0.00	32.24 -0.95 0.00	34.47 -1.07 0.00	35.94 -1.07 0.00	30.93 -0.94 0.00	30.47 -0.94 0.00	29.86 -0.97 0.00	30.13 -1.04 0.00	29.36 -1.07 0.00	31.80 -1.15 0.00	32.25 -1.22 0.00	34.76 -1.34 0.00	36.03 -1.12 0.00	37.97 -1.15 0.00	31.28 -0.96 0.00	34.94 -1.10 0.00	36.29 -1.08 0.00	32.22 -0.91 0.00	30.93 -0.87 0.00
LOVETT___3 23632	27.96 1.01 0.00	28.92 1.12 0.00	29.45 1.17 0.00	28.03 1.14 0.00	31.22 1.22 0.00	31.86 1.20 0.00	34.44 1.25 0.00	36.87 1.33 0.00	38.35 1.34 0.00	33.13 1.26 0.00	32.82 1.41 0.00	32.40 1.57 0.00	32.85 1.68 0.00	32.13 1.70 0.00	34.82 1.87 0.00	35.39 1.92 0.00	38.16 2.06 0.00	39.26 2.11 0.00	41.13 2.01 0.00	33.89 1.66 0.00	37.86 1.82 0.00	38.92 1.56 0.00	34.37 1.25 0.00	32.89 1.09 0.00
LOVETT___4 23642	27.96 1.01 0.00	28.92 1.12 0.00	29.45 1.17 0.00	28.03 1.14 0.00	31.22 1.22 0.00	31.86 1.20 0.00	34.44 1.25 0.00	36.87 1.33 0.00	38.35 1.34 0.00	33.13 1.26 0.00	32.82 1.41 0.00	32.40 1.57 0.00	32.85 1.68 0.00	32.13 1.70 0.00	34.82 1.87 0.00	35.39 1.92 0.00	38.16 2.06 0.00	39.26 2.11 0.00	41.13 2.01 0.00	33.89 1.66 0.00	37.86 1.82 0.00	38.92 1.56 0.00	34.37 1.25 0.00	32.89 1.09 0.00
LOVETT___5 23593	27.96 1.01 0.00	28.92 1.12 0.00	29.45 1.17 0.00	28.03 1.14 0.00	31.22 1.22 0.00	31.86 1.20 0.00	34.44 1.25 0.00	36.87 1.33 0.00	38.35 1.34 0.00	33.13 1.26 0.00	32.82 1.41 0.00	32.40 1.57 0.00	32.85 1.68 0.00	32.13 1.70 0.00	34.82 1.87 0.00	35.39 1.92 0.00	38.16 2.06 0.00	39.26 2.11 0.00	41.13 2.01 0.00	33.89 1.66 0.00	37.86 1.82 0.00	38.92 1.56 0.00	34.37 1.25 0.00	32.89 1.09 0.00
LOWER RAQUET___HYD 24057	26.50 -0.44 0.00	27.27 -0.54 0.00	27.79 -0.48 0.00	26.41 -0.48 0.00	29.45 -0.56 0.00	30.16 -0.50 0.00	32.88 -0.31 0.00	35.20 -0.33 0.00	36.61 -0.40 0.00	31.46 -0.41 0.00	30.80 -0.61 0.00	29.85 -0.98 0.00	30.01 -1.16 0.00	29.36 -1.07 0.00	31.98 -0.96 0.00	32.44 -1.03 0.00	34.84 -1.27 0.00	35.86 -1.30 0.00	37.90 -1.23 0.00	31.30 -0.93 0.00	34.86 -1.17 0.00	36.11 -1.26 0.00	32.10 -1.02 0.00	30.99 -0.81 0.00
LOWER___HUDSON 24059	27.66 0.71 0.00	28.65 0.85 0.00	29.13 0.86 0.00	27.73 0.84 0.00	30.88 0.87 0.00	31.53 0.87 0.00	34.00 0.82 0.00	36.55 1.01 0.00	38.01 1.00 0.00	32.85 0.98 0.00	32.43 1.02 0.00	31.84 1.01 0.00	32.16 0.98 0.00	31.38 0.95 0.00	33.88 0.93 0.00	34.41 0.94 0.00	37.20 1.09 0.00	38.12 0.97 0.00	40.11 0.99 0.00	33.05 0.82 0.00	37.07 1.03 0.00	38.32 0.96 0.00	33.94 0.81 0.00	32.63 0.83 0.00

LOWVILLE_115KV_TB2 356335	27.00 0.05 0.00	27.75 -0.05 0.00	28.30 0.03 0.00	26.97 0.08 0.00	29.97 -0.04 0.00	30.16 -0.50 0.00	32.95 -0.24 0.00	35.08 -0.45 0.00	36.41 -0.60 0.00	31.31 -0.57 0.00	30.55 -0.85 0.00	30.00 -0.83 0.00	29.89 -1.29 0.00	29.02 -1.41 0.00	31.31 -1.64 0.00	31.95 -1.52 0.00	34.28 -1.83 0.00	35.75 -1.41 0.00	38.34 -0.78 0.00	31.78 -0.46 0.00	35.05 -0.99 0.00	36.38 -0.98 0.00	32.05 -1.08 0.00	30.86 -0.95 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	28.07 1.12 0.00	29.07 1.27 0.00	29.57 1.29 0.00	28.16 1.27 0.00	31.39 1.38 0.00	32.14 1.48 0.00	34.74 1.55 0.00	37.35 1.81 0.00	38.87 1.86 0.00	33.54 1.67 0.00	33.00 1.59 0.00	32.28 1.45 0.00	32.59 1.42 0.00	31.73 1.30 0.00	34.33 1.38 0.00	34.85 1.38 0.00	37.69 1.58 0.00	38.69 1.53 0.00	40.70 1.58 0.00	33.55 1.31 0.00	37.62 1.59 0.00	38.87 1.51 0.00	34.33 1.21 0.00	32.98 1.18 0.00
LUTHERNY_35_KV_BK2 355980	28.10 1.16 0.00	29.09 1.28 0.00	29.59 1.31 0.00	28.18 1.29 0.00	31.43 1.42 0.00	32.19 1.53 0.00	34.80 1.61 0.00	37.41 1.87 0.00	38.93 1.92 0.00	33.58 1.71 0.00	33.03 1.63 0.00	32.32 1.49 0.00	32.63 1.46 0.00	31.78 1.35 0.00	34.40 1.45 0.00	34.90 1.44 0.00	37.74 1.64 0.00	38.75 1.60 0.00	40.74 1.62 0.00	33.60 1.36 0.00	37.68 1.64 0.00	38.93 1.57 0.00	34.35 1.23 0.00	33.00 1.19 0.00
LWR__OSWEGATCHIE_HYD 23850	26.46 -0.49 0.00	27.21 -0.59 0.00	27.75 -0.52 0.00	26.41 -0.48 0.00	29.40 -0.61 0.00	29.85 -0.81 0.00	32.56 -0.63 0.00	34.75 -0.79 0.00	36.14 -0.87 0.00	31.06 -0.82 0.00	30.35 -1.06 0.00	29.58 -1.25 0.00	29.58 -1.60 0.00	28.81 -1.62 0.00	31.29 -1.66 0.00	31.81 -1.66 0.00	34.13 -1.98 0.00	35.43 -1.72 0.00	37.69 -1.43 0.00	31.18 -1.06 0.00	34.54 -1.49 0.00	35.80 -1.56 0.00	31.72 -1.40 0.00	30.59 -1.21 0.00
LYONS_FALL_HYD 23570	27.20 0.25 0.00	27.98 0.17 0.00	28.50 0.22 0.00	27.14 0.25 0.00	30.21 0.20 0.00	30.57 -0.09 0.00	33.34 0.16 0.00	35.58 0.04 0.00	36.98 -0.03 0.00	31.79 -0.09 0.00	31.14 -0.27 0.00	30.58 -0.25 0.00	30.58 -0.59 0.00	29.71 -0.72 0.00	32.03 -0.92 0.00	32.71 -0.76 0.00	35.18 -0.92 0.00	36.55 -0.60 0.00	39.07 -0.05 0.00	32.28 0.05 0.00	35.75 -0.28 0.00	37.09 -0.27 0.00	32.72 -0.41 0.00	31.44 -0.36 0.00
MADISON__COUNTY_LFGE 323628	27.48 0.53 0.00	28.33 0.52 0.00	28.78 0.50 0.00	27.38 0.49 0.00	30.57 0.56 0.00	31.20 0.54 0.00	33.91 0.72 0.00	36.29 0.75 0.00	37.83 0.82 0.00	32.53 0.61 -0.05	31.99 0.58 0.00	31.39 0.56 0.00	31.62 0.44 0.00	30.66 0.23 0.00	33.08 0.13 0.00	33.82 0.35 0.00	36.41 0.31 0.00	37.67 0.51 0.00	40.13 1.01 0.00	33.00 0.76 0.00	36.86 0.82 0.00	38.23 0.87 0.00	33.80 0.68 0.00	32.38 0.57 0.00
MALONE__115KV_TB1 356076	27.07 0.12 0.00	27.82 0.01 0.00	28.32 0.04 0.00	26.92 0.04 0.00	30.07 0.06 0.00	30.95 0.29 0.00	33.66 0.48 0.00	36.14 0.60 0.00	37.65 0.64 0.00	32.35 0.48 0.00	31.78 0.37 0.00	31.11 0.27 0.00	31.35 0.17 0.00	30.51 0.08 0.00	32.94 -0.01 0.00	33.47 0.00 0.00	36.17 0.06 0.00	37.21 0.06 0.00	39.18 0.06 0.00	32.24 0.00 0.00	35.99 -0.05 0.00	37.28 -0.08 0.00	33.07 -0.05 0.00	31.81 0.01 0.00
MAPLEWOD_115KV_TB3 80458	27.55 0.60 0.00	28.54 0.73 0.00	29.01 0.74 0.00	27.61 0.72 0.00	30.78 0.77 0.00	31.37 0.71 0.00	33.79 0.61 0.00	36.30 0.76 0.00	37.76 0.75 0.00	32.64 0.76 0.00	32.26 0.85 0.00	31.67 0.84 0.00	32.05 0.88 0.00	31.34 0.91 0.00	33.84 0.89 0.00	34.36 0.89 0.00	37.11 1.01 0.00	37.98 0.82 0.00	39.95 0.83 0.00	32.91 0.68 0.00	36.87 0.83 0.00	38.11 0.75 0.00	33.82 0.70 0.00	32.53 0.72 0.00
MAPLE_RIDGE_WT_1 323574	26.86 -0.09 0.00	27.69 -0.11 0.00	28.21 -0.06 0.00	26.83 -0.06 0.00	29.84 -0.16 0.00	30.36 -0.30 0.00	32.87 -0.32 0.00	35.10 -0.44 0.00	36.53 -0.48 0.00	31.56 -0.31 0.00	30.97 -0.44 0.00	30.35 -0.48 0.00	30.60 -0.58 0.00	29.84 -0.59 0.00	32.41 -0.54 0.00	33.05 -0.42 0.00	35.60 -0.50 0.00	36.65 -0.50 0.00	38.60 -0.52 0.00	31.95 -0.28 0.00	35.66 -0.38 0.00	37.01 -0.35 0.00	32.76 -0.36 0.00	31.39 -0.41 0.00
MAPLE_RIDGE_WT_2 323611	26.86 -0.09 0.00	27.69 -0.11 0.00	28.21 -0.06 0.00	26.83 -0.06 0.00	29.84 -0.16 0.00	30.36 -0.30 0.00	32.87 -0.32 0.00	35.10 -0.44 0.00	36.53 -0.48 0.00	31.56 -0.31 0.00	30.97 -0.44 0.00	30.35 -0.48 0.00	30.60 -0.58 0.00	29.84 -0.59 0.00	32.41 -0.54 0.00	33.05 -0.42 0.00	35.60 -0.50 0.00	36.65 -0.50 0.00	38.60 -0.52 0.00	31.95 -0.28 0.00	35.66 -0.38 0.00	37.01 -0.35 0.00	32.76 -0.36 0.00	31.39 -0.41 0.00
MARBLE_RIVER_WT_PWR 323696	26.94 -0.01 0.00	27.69 -0.11 0.00	28.18 -0.09 0.00	26.80 -0.09 0.00	29.93 -0.08 0.00	30.78 0.12 0.00	33.40 0.21 0.00	35.82 0.28 0.00	37.28 0.27 0.00	32.06 0.18 0.00	31.47 0.06 0.00	30.80 -0.03 0.00	31.08 -0.10 0.00	30.37 -0.06 0.00	32.96 0.01 0.00	33.54 0.07 0.00	36.25 0.14 0.00	37.28 0.13 0.00	39.22 0.10 0.00	32.23 0.00 0.00	36.02 -0.01 0.00	37.32 -0.04 0.00	33.11 -0.01 0.00	31.86 0.06 0.00
MARSHVLE_115KV_TB1 80742	27.94 0.99 0.00	28.72 0.91 0.00	29.20 0.92 0.00	27.72 0.83 0.00	31.14 0.97 -0.17	32.10 1.13 -0.32	34.87 1.69 0.00	37.40 1.86 0.00	38.82 1.81 0.00	33.26 1.38 0.00	32.30 0.89 0.00	31.38 0.54 0.00	31.95 0.77 0.00	31.46 1.03 0.00	34.11 1.16 0.00	34.30 0.83 0.00	37.03 0.92 0.00	38.05 0.89 0.00	39.89 0.77 0.00	33.52 1.29 0.00	37.70 1.67 0.00	39.04 1.68 0.00	34.53 1.40 0.00	33.12 1.32 0.00
MARSH_HILL_WT_PWR 323713	25.43 -1.52 0.00	52.58 -2.43 -27.21	30.96 -2.60 -5.29	53.98 -2.54 -29.63	55.06 -2.71 -27.76	29.55 -2.84 -1.73	32.88 -2.75 -2.44	60.10 -3.20 -27.76	92.01 -3.14 -58.14	83.45 -3.24 -54.81	82.49 -2.86 -53.94	49.24 -2.69 -21.10	28.94 -2.63 -0.40	28.41 -2.78 -0.77	45.77 -3.01 -15.83	34.75 -3.18 -4.46	89.53 -2.82 -56.24	91.99 -1.92 -56.76	100.30 -1.85 -63.03	43.69 -2.28 -13.73	34.01 -2.04 -0.01	41.02 -1.52 -5.18	36.91 -1.71 -5.50	30.34 -1.46 0.00
MCINTYRE_115KV_TB2 80467	27.26 0.31 0.00	28.01 0.20 0.00	28.54 0.27 0.00	27.12 0.23 0.00	30.26 0.26 0.00	31.10 0.44 0.00	33.92 0.73 0.00	36.36 0.83 0.00	37.81 0.80 0.00	32.43 0.55 0.00	31.79 0.38 0.00	30.95 0.12 0.00	31.14 -0.04 0.00	30.37 -0.06 0.00	33.13 0.18 0.00	33.47 0.00 0.00	36.16 0.06 0.00	37.24 0.08 0.00	39.38 0.26 0.00	32.59 0.36 0.00	36.34 0.30 0.00	37.61 0.25 0.00	33.31 0.19 0.00	32.05 0.25 0.00
MECO____69_KV_BK1 80468	28.25 1.31 0.00	29.10 1.29 0.00	29.57 1.30 0.00	28.11 1.22 0.00	31.42 1.41 0.00	32.23 1.57 0.00	35.25 2.06 0.00	37.84 2.30 0.00	39.29 2.27 0.00	33.71 1.84 0.00	32.77 1.36 0.00	31.73 0.90 0.00	32.46 1.29 0.00	32.07 1.65 0.00	34.76 1.81 0.00	34.99 1.52 0.00	37.85 1.75 0.00	38.81 1.66 0.00	40.41 1.29 0.00	34.10 1.87 0.00	38.37 2.34 0.00	39.67 2.31 0.00	35.00 1.88 0.00	33.52 1.72 0.00

MENANDS__115KV_TB5 355628	27.44 0.49 0.00	28.43 0.63 0.00	28.92 0.64 0.00	27.52 0.63 0.00	30.66 0.65 0.00	31.25 0.59 0.00	33.63 0.44 0.00	36.11 0.57 0.00	37.55 0.54 0.00	32.47 0.60 0.00	32.10 0.70 0.00	31.55 0.71 0.00	31.92 0.75 0.00	31.20 0.77 0.00	33.68 0.73 0.00	34.19 0.72 0.00	36.93 0.82 0.00	37.76 0.61 0.00	39.73 0.60 0.00	32.72 0.49 0.00	36.65 0.61 0.00	37.88 0.52 0.00	33.65 0.53 0.00	32.39 0.59 0.00
MG INDUSTRY__DRP 24185	27.51 0.56 0.00	28.47 0.66 0.00	28.96 0.68 0.00	27.56 0.66 0.00	30.74 0.73 0.00	31.33 0.67 0.00	33.76 0.57 0.00	36.20 0.66 0.00	37.65 0.63 0.00	32.50 0.62 0.00	32.09 0.68 0.00	31.48 0.64 0.00	31.83 0.66 0.00	31.15 0.73 0.00	33.70 0.75 0.00	34.23 0.76 0.00	36.96 0.86 0.00	37.87 0.71 0.00	39.87 0.75 0.00	32.84 0.61 0.00	36.75 0.72 0.00	38.03 0.67 0.00	33.75 0.63 0.00	32.46 0.66 0.00
MID__OSWEGATCHIE_HYD 23849	26.46 -0.49 0.00	27.21 -0.59 0.00	27.75 -0.52 0.00	26.41 -0.48 0.00	29.40 -0.61 0.00	29.85 -0.81 0.00	32.56 -0.63 0.00	34.75 -0.79 0.00	36.14 -0.87 0.00	31.06 -0.82 0.00	30.35 -1.06 0.00	29.58 -1.25 0.00	29.58 -1.60 0.00	28.81 -1.62 0.00	31.29 -1.66 0.00	31.81 -1.66 0.00	34.13 -1.98 0.00	35.43 -1.72 0.00	37.69 -1.43 0.00	31.18 -1.06 0.00	34.54 -1.49 0.00	35.80 -1.56 0.00	31.72 -1.40 0.00	30.59 -1.21 0.00
MID__RAQUETTE_HYD 23851	26.51 -0.44 0.00	27.27 -0.54 0.00	27.79 -0.48 0.00	26.41 -0.48 0.00	29.45 -0.56 0.00	30.16 -0.50 0.00	32.88 -0.31 0.00	35.20 -0.33 0.00	36.62 -0.39 0.00	31.46 -0.41 0.00	30.80 -0.61 0.00	29.85 -0.98 0.00	30.02 -1.16 0.00	29.36 -1.07 0.00	31.98 -0.96 0.00	32.44 -1.03 0.00	34.84 -1.27 0.00	35.86 -1.30 0.00	37.89 -1.23 0.00	31.30 -0.93 0.00	34.86 -1.17 0.00	36.10 -1.25 0.00	32.10 -1.02 0.00	30.99 -0.81 0.00
MILLIKEN__1 23584	27.17 0.22 0.00	29.76 0.22 -1.73	28.81 0.19 -0.34	28.96 0.18 -1.89	31.73 0.27 -1.46	30.45 0.28 0.49	33.75 0.41 -0.16	37.74 0.39 -1.80	41.25 0.47 -3.76	36.59 0.28 -4.44	35.14 0.27 -3.46	32.35 0.17 -1.35	31.24 0.04 -0.03	30.16 -0.32 -0.05	33.71 -0.26 -1.01	33.54 -0.21 -0.28	39.35 -0.31 -3.56	40.87 0.10 -3.62	43.55 0.40 -4.03	33.47 0.35 -0.88	36.42 0.38 0.00	38.17 0.48 -0.33	33.82 0.34 -0.35	32.13 0.33 0.00
MILLIKEN__2 23585	27.17 0.22 0.00	29.76 0.22 -1.73	28.81 0.19 -0.34	28.96 0.18 -1.89	31.73 0.27 -1.46	30.45 0.28 0.49	33.75 0.41 -0.16	37.74 0.39 -1.80	41.25 0.47 -3.76	36.59 0.28 -4.44	35.14 0.27 -3.46	32.35 0.17 -1.35	31.24 0.04 -0.03	30.16 -0.32 -0.05	33.71 -0.26 -1.01	33.54 -0.21 -0.28	39.35 -0.31 -3.56	40.87 0.10 -3.62	43.55 0.40 -4.03	33.47 0.35 -0.88	36.42 0.38 0.00	38.17 0.48 -0.33	33.82 0.34 -0.35	32.13 0.33 0.00
MILLIKEN__DIESEL 23629	27.17 0.22 0.00	29.76 0.22 -1.73	28.81 0.19 -0.34	28.96 0.18 -1.89	31.73 0.27 -1.46	30.45 0.28 0.49	33.75 0.41 -0.16	37.74 0.39 -1.80	41.25 0.47 -3.76	36.59 0.28 -4.44	35.14 0.27 -3.46	32.35 0.17 -1.35	31.24 0.04 -0.03	30.16 -0.32 -0.05	33.71 -0.26 -1.01	33.54 -0.21 -0.28	39.35 -0.31 -3.56	40.87 0.10 -3.62	43.55 0.40 -4.03	33.47 0.35 -0.88	36.42 0.38 0.00	38.17 0.48 -0.33	33.82 0.34 -0.35	32.13 0.33 0.00
MILLSEAT__LFGE 323607	25.85 -1.10 0.00	21.59 -1.37 4.85	25.56 -1.77 0.94	20.11 -1.50 5.28	21.93 -1.62 6.46	25.78 -1.71 3.17	31.23 -1.53 0.43	29.17 -1.43 4.94	25.75 -0.93 10.34	20.21 -1.53 10.13	20.28 -1.55 9.58	25.85 -1.28 3.70	29.75 -1.36 0.07	28.68 -1.61 0.13	28.81 -1.37 2.77	31.20 -1.49 0.78	24.48 -1.76 9.87	25.67 -1.59 9.90	26.85 -1.28 10.98	28.51 -1.33 2.39	34.41 -1.63 0.00	35.36 -1.10 0.90	31.06 -1.11 0.96	30.75 -1.05 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	28.02 1.07 0.00	28.99 1.18 0.00	29.50 1.23 0.00	28.08 1.19 0.00	31.28 1.27 0.00	31.92 1.26 0.00	34.52 1.33 0.00	36.97 1.44 0.00	38.46 1.45 0.00	33.24 1.36 0.00	32.92 1.51 0.00	32.49 1.66 0.00	32.94 1.76 0.00	32.22 1.79 0.00	34.93 1.99 0.00	35.50 2.03 0.00	38.29 2.19 0.00	39.38 2.22 0.00	41.26 2.14 0.00	33.99 1.75 0.00	37.95 1.92 0.00	39.04 1.68 0.00	34.49 1.36 0.00	33.03 1.23 0.00
MILLWOOD_13_KV_LOAD 356217	28.08 1.13 0.00	29.05 1.24 0.00	29.55 1.28 0.00	28.13 1.24 0.00	31.33 1.33 0.00	31.99 1.32 0.00	34.60 1.41 0.00	37.06 1.52 0.00	38.55 1.54 0.00	33.31 1.44 0.00	32.98 1.57 0.00	32.55 1.72 0.00	33.00 1.83 0.00	32.27 1.84 0.00	35.00 2.05 0.00	35.57 2.10 0.00	38.37 2.27 0.00	39.47 2.32 0.00	41.36 2.24 0.00	34.06 1.83 0.00	38.05 2.01 0.00	39.12 1.76 0.00	34.56 1.44 0.00	33.08 1.28 0.00
MODEL_CITY_ENERGY 24167	25.06 -1.88 0.00	19.43 -2.14 6.24	24.42 -2.64 1.21	17.83 -2.27 6.79	19.38 -2.51 8.12	24.24 -2.71 3.71	29.92 -2.70 0.56	26.48 -2.70 6.36	21.56 -2.14 13.31	16.50 -2.37 13.00	16.86 -2.21 12.34	23.91 -2.16 4.77	28.80 -2.28 0.09	27.94 -2.32 0.17	27.12 -2.25 3.58	29.83 -2.64 1.01	20.81 -2.57 12.73	21.88 -2.52 12.77	22.46 -2.50 14.17	26.62 -2.53 3.09	32.95 -3.08 0.00	33.73 -2.47 1.16	29.64 -2.25 1.23	29.73 -2.07 0.00
MODERN_LFGE__ 323580	25.06 -1.88 0.00	19.43 -2.14 6.24	24.42 -2.64 1.21	17.83 -2.27 6.79	19.38 -2.51 8.12	24.24 -2.71 3.71	29.92 -2.70 0.56	26.48 -2.70 6.36	21.56 -2.14 13.31	16.50 -2.37 13.00	16.86 -2.21 12.34	23.91 -2.16 4.77	28.80 -2.28 0.09	27.94 -2.32 0.17	27.12 -2.25 3.58	29.83 -2.64 1.01	20.81 -2.57 12.73	21.88 -2.52 12.77	22.46 -2.50 14.17	26.62 -2.53 3.09	32.95 -3.08 0.00	33.73 -2.47 1.16	29.64 -2.25 1.23	29.73 -2.07 0.00
MOHAWK_PAPER__DRP 24187	27.55 0.60 0.00	28.54 0.73 0.00	29.01 0.74 0.00	27.61 0.72 0.00	30.78 0.77 0.00	31.37 0.71 0.00	33.79 0.61 0.00	36.30 0.76 0.00	37.76 0.75 0.00	32.64 0.76 0.00	32.26 0.85 0.00	31.67 0.84 0.00	32.05 0.88 0.00	31.34 0.91 0.00	33.84 0.89 0.00	34.36 0.89 0.00	37.11 1.01 0.00	37.98 0.82 0.00	39.95 0.83 0.00	32.91 0.68 0.00	36.87 0.83 0.00	38.11 0.75 0.00	33.82 0.70 0.00	32.53 0.72 0.00
MOHICAN__35_KV_115KV_LD 80490	28.17 1.22 0.00	29.22 1.41 0.00	29.70 1.42 0.00	28.37 1.48 0.00	31.61 1.61 0.00	32.51 1.85 0.00	35.12 1.94 0.00	37.82 2.29 0.00	39.41 2.40 0.00	34.02 2.15 0.00	33.35 1.94 0.00	32.54 1.71 0.00	32.70 1.53 0.00	31.88 1.45 0.00	34.57 1.62 0.00	35.13 1.65 0.00	38.01 1.91 0.00	39.12 1.96 0.00	41.20 2.08 0.00	33.90 1.67 0.00	38.08 2.05 0.00	39.30 1.94 0.00	34.58 1.46 0.00	33.26 1.46 0.00
MONGAUP__HYD 23641	27.91 0.96 0.00	28.84 1.03 0.00	29.34 1.07 0.00	27.93 1.04 0.00	31.32 1.15 -0.17	32.15 1.17 -0.32	34.44 1.26 0.00	36.88 1.34 0.00	38.32 1.31 0.00	33.24 1.36 0.00	32.50 1.09 0.00	31.99 1.15 0.00	32.49 1.31 0.00	31.82 1.39 0.00	34.67 1.72 0.00	35.32 1.85 0.00	38.15 2.05 0.00	39.10 1.95 0.00	40.99 1.87 0.00	33.85 1.62 0.00	37.89 1.86 0.00	39.03 1.67 0.00	34.43 1.30 0.00	32.94 1.14 0.00

MONTAUK___DIESEL 23721	29.51 2.56 0.00	30.42 2.62 0.00	32.62 2.71 -1.64	29.53 2.63 -0.01	32.91 2.90 0.00	33.61 2.94 -0.01	47.97 3.19 -11.60	53.17 3.40 -14.23	54.27 3.31 -13.95	36.64 3.06 -1.70	34.32 2.92 0.00	33.65 2.81 0.00	34.09 2.91 0.00	33.06 2.63 0.00	35.94 3.00 0.00	36.68 3.21 0.00	39.78 3.68 0.00	40.91 3.76 0.00	41.39 2.27 0.00	33.50 1.27 0.00	37.66 1.63 0.00	38.73 1.37 0.00	34.31 1.19 0.00	32.87 1.07 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	24.89 -2.06 0.00	17.77 -2.47 7.57	24.17 -2.63 1.47	16.08 -2.57 8.24	17.18 -2.94 9.88	23.18 -2.91 4.57	29.96 -2.55 0.68	25.17 -2.65 7.72	18.45 -2.41 16.15	13.56 -2.53 15.78	14.60 -1.85 14.96	23.56 -1.49 5.78	29.69 -1.38 0.11	28.56 -1.66 0.21	27.17 -1.45 4.34	30.16 -2.09 1.22	18.66 -2.01 15.43	20.19 -1.29 15.68	20.60 -1.10 17.42	27.42 -1.02 3.79	34.84 -1.20 0.00	35.12 -0.81 1.43	30.59 -1.01 1.52	30.71 -1.09 0.00
MORRIS_RIDGE___SOLAR 323848	25.36 -1.59 0.00	-4.10 -2.09 29.81	20.18 -2.31 5.79	-7.82 -2.24 32.48	-7.17 -2.44 34.73	17.98 -2.62 10.06	27.99 -2.53 2.67	2.40 -2.78 30.35	-29.15 -2.55 63.61	-32.09 -2.69 61.28	-30.14 -2.44 59.11	5.71 -2.20 22.92	28.54 -2.20 0.43	27.18 -2.42 0.84	13.35 -2.41 17.19	26.19 -2.43 4.85	-27.47 -2.43 61.14	-26.47 -2.12 61.50	-31.18 -2.02 68.28	15.37 -2.00 14.86	33.93 -2.09 0.01	30.09 -1.67 5.60	25.43 -1.75 5.95	30.21 -1.60 0.00
MORTIMER_115KV_TB3 55949	26.21 -0.74 0.00	26.87 -0.94 0.00	27.12 -1.15 0.00	25.84 -1.05 0.00	28.12 -1.12 0.77	28.12 -1.09 1.46	32.24 -0.95 0.00	34.55 -0.99 0.00	36.23 -0.78 0.00	30.74 -0.97 0.17	30.37 -1.03 0.00	29.96 -0.87 0.00	30.34 -0.84 0.00	29.51 -0.91 0.00	32.13 -0.82 0.00	32.60 -0.87 0.00	35.00 -1.11 0.00	36.15 -1.01 0.00	38.19 -0.93 0.00	31.41 -0.82 0.00	35.09 -0.95 0.00	36.68 -0.68 0.00	32.45 -0.68 0.00	31.13 -0.67 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	28.18 1.23 0.00	29.14 1.33 0.00	29.63 1.36 0.00	28.20 1.31 0.00	31.40 1.39 0.00	32.06 1.39 0.00	34.66 1.48 0.00	37.12 1.58 0.00	38.62 1.61 0.00	33.38 1.51 0.00	33.07 1.67 0.00	32.69 1.86 0.00	33.15 1.98 0.00	32.43 2.00 0.00	35.17 2.22 0.00	35.74 2.27 0.00	38.56 2.45 0.00	39.66 2.51 0.00	41.54 2.42 0.00	34.17 1.94 0.00	38.13 2.09 0.00	39.19 1.83 0.00	34.61 1.49 0.00	33.12 1.32 0.00
MUNSVILLE_WIND_PWR 323609	28.19 1.25 0.00	30.37 1.44 -1.12	29.95 1.46 -0.22	29.41 1.30 -1.23	33.21 1.70 -1.51	33.33 1.93 -0.75	35.91 2.61 -0.11	39.54 2.77 -1.23	41.95 2.36 -2.58	36.39 1.62 -2.90	35.04 1.25 -2.38	32.94 1.18 -0.92	32.32 1.13 -0.02	30.95 0.49 -0.03	33.96 0.31 -0.69	33.87 0.21 -0.18	38.63 0.23 -2.29	39.37 -0.10 -2.32	43.05 1.35 -2.57	34.97 2.18 -0.56	38.80 2.77 0.00	40.62 3.04 -0.21	35.68 2.33 -0.23	33.94 2.14 0.00
N SALMON___HYD 24042	27.07 0.12 0.00	27.82 0.01 0.00	28.31 0.04 0.00	26.92 0.04 0.00	30.07 0.06 0.00	30.95 0.29 0.00	33.66 0.48 0.00	36.14 0.60 0.00	37.64 0.63 0.00	32.35 0.48 0.00	31.78 0.37 0.00	31.11 0.27 0.00	31.35 0.17 0.00	30.51 0.08 0.00	32.94 -0.01 0.00	33.47 0.00 0.00	36.16 0.06 0.00	37.21 0.06 0.00	39.18 0.06 0.00	32.24 0.00 0.00	35.99 -0.05 0.00	37.28 -0.08 0.00	33.07 -0.05 0.00	31.81 0.01 0.00
N.AKRON__115KV_KNAPP 355671	25.73 -1.22 0.00	21.05 -1.51 5.25	25.33 -1.92 1.02	19.52 -1.65 5.72	21.28 -1.78 6.94	25.50 -1.84 3.32	30.99 -1.73 0.47	28.52 -1.67 5.35	24.56 -1.24 11.21	19.25 -1.65 10.97	19.41 -1.61 10.39	25.44 -1.38 4.01	29.59 -1.51 0.08	28.54 -1.74 0.15	28.48 -1.46 3.01	30.94 -1.68 0.85	23.46 -1.94 10.71	24.68 -1.73 10.74	25.68 -1.52 11.92	28.09 -1.55 2.60	34.15 -1.89 0.00	35.07 -1.32 0.98	30.79 -1.30 1.04	30.59 -1.21 0.00
N.BELMOR_69_KV_BK1 55787	28.48 1.53 0.00	29.40 1.59 0.00	32.22 1.71 -2.24	28.55 1.66 -0.01	31.78 1.78 0.00	32.45 1.78 -0.01	50.84 1.87 -15.78	56.88 2.00 -19.35	57.95 1.97 -18.97	35.94 1.75 -2.31	33.20 1.79 0.00	32.74 1.91 0.00	33.36 2.18 0.00	32.45 2.02 0.00	35.25 2.30 0.00	35.90 2.43 0.00	38.85 2.75 0.00	39.90 2.74 0.00	41.74 2.62 0.00	34.40 2.17 0.00	38.54 2.51 0.00	39.64 2.28 0.00	35.12 2.00 0.00	33.64 1.83 0.00
N.E_GEN_SANDY PD 24062	27.70 0.75 0.00	28.79 0.93 -0.05	29.24 0.96 0.00	28.09 0.94 -0.27	30.83 0.95 0.12	32.50 0.91 -0.93	33.62 0.81 0.37	36.56 1.02 0.00	38.17 0.98 -0.17	32.85 0.98 0.00	33.90 1.14 -1.36	35.47 1.22 -3.42	32.34 1.22 0.06	31.64 1.21 0.00	34.08 1.13 0.00	34.58 1.11 0.00	37.36 1.26 0.00	38.30 1.15 0.00	40.25 1.13 0.00	33.16 0.92 0.00	37.21 1.18 0.00	38.43 1.07 0.00	33.94 0.92 0.10	33.69 0.92 -0.98
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	28.01 1.06 0.00	28.97 1.16 0.00	29.50 1.22 0.00	28.08 1.19 0.00	31.28 1.28 0.00	31.93 1.26 0.00	34.60 1.41 0.00	37.03 1.49 0.00	38.54 1.53 0.00	33.30 1.43 0.00	32.96 1.55 0.00	32.55 1.72 0.00	33.03 1.85 0.00	32.29 1.86 0.00	35.02 2.07 0.00	35.59 2.12 0.00	38.38 2.28 0.00	39.40 2.25 0.00	41.22 2.10 0.00	33.98 1.75 0.00	37.95 1.91 0.00	39.01 1.65 0.00	34.44 1.32 0.00	32.96 1.15 0.00
N.QUEENS_27_KV_LOAD 356247	28.25 1.31 0.00	29.21 1.41 0.00	29.64 1.36 0.00	28.21 1.32 0.00	31.45 1.44 0.00	32.17 1.51 0.00	34.70 1.51 0.00	37.18 1.64 0.00	38.68 1.66 0.00	33.54 1.67 0.00	33.12 1.71 0.00	32.77 1.94 0.00	33.22 2.04 0.00	32.52 2.09 0.00	35.11 2.16 0.00	35.75 2.28 0.00	38.53 2.43 0.00	39.69 2.53 0.00	41.55 2.43 0.00	34.23 1.99 0.00	38.16 2.13 0.00	39.27 1.91 0.00	34.67 1.54 0.00	33.20 1.40 0.00
N.TROY___115KV_TB1 355778	27.66 0.71 0.00	28.66 0.85 0.00	29.14 0.86 0.00	27.74 0.84 0.00	30.88 0.87 0.00	31.52 0.86 0.00	34.00 0.82 0.00	36.55 1.01 0.00	38.02 1.01 0.00	32.85 0.98 0.00	32.43 1.03 0.00	31.84 1.01 0.00	32.16 0.98 0.00	31.39 0.96 0.00	33.88 0.93 0.00	34.41 0.93 0.00	37.21 1.10 0.00	38.13 0.97 0.00	40.11 0.99 0.00	33.06 0.82 0.00	37.07 1.04 0.00	38.32 0.96 0.00	33.94 0.82 0.00	32.63 0.83 0.00
NARROWS_GT1_1 24228	28.29 1.34 0.00	29.25 1.44 0.00	29.74 1.46 0.00	28.30 1.40 0.00	31.51 1.50 0.00	32.19 1.54 0.00	34.80 1.62 0.00	37.26 1.72 0.00	38.77 1.75 0.00	33.51 1.64 0.00	33.18 1.78 0.00	32.84 2.01 0.00	33.30 2.12 0.00	32.57 2.14 0.00	35.34 2.39 0.00	35.93 2.46 0.00	38.74 2.64 0.00	39.87 2.72 0.00	41.71 2.59 0.00	34.28 2.04 0.00	38.25 2.22 0.00	39.31 1.95 0.00	34.68 1.55 0.00	33.18 1.38 0.00
NARROWS_GT1_2 24229	28.29 1.34 0.00	29.25 1.44 0.00	29.74 1.46 0.00	28.30 1.40 0.00	31.51 1.50 0.00	32.19 1.54 0.00	34.80 1.62 0.00	37.26 1.72 0.00	38.77 1.75 0.00	33.51 1.64 0.00	33.18 1.78 0.00	32.84 2.01 0.00	33.30 2.12 0.00	32.57 2.14 0.00	35.34 2.39 0.00	35.93 2.46 0.00	38.74 2.64 0.00	39.87 2.72 0.00	41.71 2.59 0.00	34.28 2.04 0.00	38.25 2.22 0.00	39.31 1.95 0.00	34.68 1.55 0.00	33.18 1.38 0.00

NARROWS_GT1_3 24230	28.29 1.34 0.00	29.25 1.44 0.00	29.74 1.46 0.00	28.30 1.40 0.00	31.51 1.50 0.00	32.19 1.54 0.00	34.80 1.62 0.00	37.26 1.72 0.00	38.77 1.75 0.00	33.51 1.64 0.00	33.18 1.78 0.00	32.84 2.01 0.00	33.30 2.12 0.00	32.57 2.14 0.00	35.34 2.39 0.00	35.93 2.46 0.00	38.74 2.64 0.00	39.87 2.72 0.00	41.71 2.59 0.00	34.28 2.04 0.00	38.25 2.22 0.00	39.31 1.95 0.00	34.68 1.55 0.00	33.18 1.38 0.00
NARROWS_GT1_4 24231	28.29 1.34 0.00	29.25 1.44 0.00	29.74 1.46 0.00	28.30 1.40 0.00	31.51 1.50 0.00	32.19 1.54 0.00	34.80 1.62 0.00	37.26 1.72 0.00	38.77 1.75 0.00	33.51 1.64 0.00	33.18 1.78 0.00	32.84 2.01 0.00	33.30 2.12 0.00	32.57 2.14 0.00	35.34 2.39 0.00	35.93 2.46 0.00	38.74 2.64 0.00	39.87 2.72 0.00	41.71 2.59 0.00	34.28 2.04 0.00	38.25 2.22 0.00	39.31 1.95 0.00	34.68 1.55 0.00	33.18 1.38 0.00
NARROWS_GT1_5 24232	28.29 1.34 0.00	29.25 1.44 0.00	29.74 1.46 0.00	28.30 1.40 0.00	31.51 1.50 0.00	32.19 1.54 0.00	34.80 1.62 0.00	37.26 1.72 0.00	38.77 1.75 0.00	33.51 1.64 0.00	33.18 1.78 0.00	32.84 2.01 0.00	33.30 2.12 0.00	32.57 2.14 0.00	35.34 2.39 0.00	35.93 2.46 0.00	38.74 2.64 0.00	39.87 2.72 0.00	41.71 2.59 0.00	34.28 2.04 0.00	38.25 2.22 0.00	39.31 1.95 0.00	34.68 1.55 0.00	33.18 1.38 0.00
NARROWS_GT1_6 24233	28.29 1.34 0.00	29.25 1.44 0.00	29.74 1.46 0.00	28.30 1.40 0.00	31.51 1.50 0.00	32.19 1.54 0.00	34.80 1.62 0.00	37.26 1.72 0.00	38.77 1.75 0.00	33.51 1.64 0.00	33.18 1.78 0.00	32.84 2.01 0.00	33.30 2.12 0.00	32.57 2.14 0.00	35.34 2.39 0.00	35.93 2.46 0.00	38.74 2.64 0.00	39.87 2.72 0.00	41.71 2.59 0.00	34.28 2.04 0.00	38.25 2.22 0.00	39.31 1.95 0.00	34.68 1.55 0.00	33.18 1.38 0.00
NARROWS_GT1_7 24234	28.29 1.34 0.00	29.25 1.44 0.00	29.74 1.46 0.00	28.30 1.40 0.00	31.51 1.50 0.00	32.19 1.54 0.00	34.80 1.62 0.00	37.26 1.72 0.00	38.77 1.75 0.00	33.51 1.64 0.00	33.18 1.78 0.00	32.84 2.01 0.00	33.30 2.12 0.00	32.57 2.14 0.00	35.34 2.39 0.00	35.93 2.46 0.00	38.74 2.64 0.00	39.87 2.72 0.00	41.71 2.59 0.00	34.28 2.04 0.00	38.25 2.22 0.00	39.31 1.95 0.00	34.68 1.55 0.00	33.18 1.38 0.00
NARROWS_GT1_8 24235	28.29 1.34 0.00	29.25 1.44 0.00	29.74 1.46 0.00	28.30 1.40 0.00	31.51 1.50 0.00	32.19 1.54 0.00	34.80 1.62 0.00	37.26 1.72 0.00	38.77 1.75 0.00	33.51 1.64 0.00	33.18 1.78 0.00	32.84 2.01 0.00	33.30 2.12 0.00	32.57 2.14 0.00	35.34 2.39 0.00	35.93 2.46 0.00	38.74 2.64 0.00	39.87 2.72 0.00	41.71 2.59 0.00	34.28 2.04 0.00	38.25 2.22 0.00	39.31 1.95 0.00	34.68 1.55 0.00	33.18 1.38 0.00
NARROWS_GT2_1 24236	28.29 1.34 0.00	29.25 1.44 0.00	29.74 1.46 0.00	28.30 1.40 0.00	31.51 1.50 0.00	32.19 1.54 0.00	34.80 1.62 0.00	37.26 1.72 0.00	38.77 1.75 0.00	33.51 1.64 0.00	33.18 1.78 0.00	32.84 2.01 0.00	33.30 2.12 0.00	32.57 2.14 0.00	35.34 2.39 0.00	35.93 2.46 0.00	38.74 2.64 0.00	39.87 2.72 0.00	41.71 2.59 0.00	34.28 2.04 0.00	38.25 2.22 0.00	39.31 1.95 0.00	34.68 1.55 0.00	33.18 1.38 0.00
NARROWS_GT2_2 24237	28.29 1.34 0.00	29.25 1.44 0.00	29.74 1.46 0.00	28.30 1.40 0.00	31.51 1.50 0.00	32.19 1.54 0.00	34.80 1.62 0.00	37.26 1.72 0.00	38.77 1.75 0.00	33.51 1.64 0.00	33.18 1.78 0.00	32.84 2.01 0.00	33.30 2.12 0.00	32.57 2.14 0.00	35.34 2.39 0.00	35.93 2.46 0.00	38.74 2.64 0.00	39.87 2.72 0.00	41.71 2.59 0.00	34.28 2.04 0.00	38.25 2.22 0.00	39.31 1.95 0.00	34.68 1.55 0.00	33.18 1.38 0.00
NARROWS_GT2_3 24238	28.29 1.34 0.00	29.25 1.44 0.00	29.74 1.46 0.00	28.30 1.40 0.00	31.51 1.50 0.00	32.19 1.54 0.00	34.80 1.62 0.00	37.26 1.72 0.00	38.77 1.75 0.00	33.51 1.64 0.00	33.18 1.78 0.00	32.84 2.01 0.00	33.30 2.12 0.00	32.57 2.14 0.00	35.34 2.39 0.00	35.93 2.46 0.00	38.74 2.64 0.00	39.87 2.72 0.00	41.71 2.59 0.00	34.28 2.04 0.00	38.25 2.22 0.00	39.31 1.95 0.00	34.68 1.55 0.00	33.18 1.38 0.00
NARROWS_GT2_4 24239	28.29 1.34 0.00	29.25 1.44 0.00	29.74 1.46 0.00	28.30 1.40 0.00	31.51 1.50 0.00	32.19 1.54 0.00	34.80 1.62 0.00	37.26 1.72 0.00	38.77 1.75 0.00	33.51 1.64 0.00	33.18 1.78 0.00	32.84 2.01 0.00	33.30 2.12 0.00	32.57 2.14 0.00	35.34 2.39 0.00	35.93 2.46 0.00	38.74 2.64 0.00	39.87 2.72 0.00	41.71 2.59 0.00	34.28 2.04 0.00	38.25 2.22 0.00	39.31 1.95 0.00	34.68 1.55 0.00	33.18 1.38 0.00
NARROWS_GT2_5 24240	28.29 1.34 0.00	29.25 1.44 0.00	29.74 1.46 0.00	28.30 1.40 0.00	31.51 1.50 0.00	32.19 1.54 0.00	34.80 1.62 0.00	37.26 1.72 0.00	38.77 1.75 0.00	33.51 1.64 0.00	33.18 1.78 0.00	32.84 2.01 0.00	33.30 2.12 0.00	32.57 2.14 0.00	35.34 2.39 0.00	35.93 2.46 0.00	38.74 2.64 0.00	39.87 2.72 0.00	41.71 2.59 0.00	34.28 2.04 0.00	38.25 2.22 0.00	39.31 1.95 0.00	34.68 1.55 0.00	33.18 1.38 0.00
NARROWS_GT2_6 24241	28.29 1.34 0.00	29.25 1.44 0.00	29.74 1.46 0.00	28.30 1.40 0.00	31.51 1.50 0.00	32.19 1.54 0.00	34.80 1.62 0.00	37.26 1.72 0.00	38.77 1.75 0.00	33.51 1.64 0.00	33.18 1.78 0.00	32.84 2.01 0.00	33.30 2.12 0.00	32.57 2.14 0.00	35.34 2.39 0.00	35.93 2.46 0.00	38.74 2.64 0.00	39.87 2.72 0.00	41.71 2.59 0.00	34.28 2.04 0.00	38.25 2.22 0.00	39.31 1.95 0.00	34.68 1.55 0.00	33.18 1.38 0.00
NARROWS_GT2_7 24242	28.29 1.34 0.00	29.25 1.44 0.00	29.74 1.46 0.00	28.30 1.40 0.00	31.51 1.50 0.00	32.19 1.54 0.00	34.80 1.62 0.00	37.26 1.72 0.00	38.77 1.75 0.00	33.51 1.64 0.00	33.18 1.78 0.00	32.84 2.01 0.00	33.30 2.12 0.00	32.57 2.14 0.00	35.34 2.39 0.00	35.93 2.46 0.00	38.74 2.64 0.00	39.87 2.72 0.00	41.71 2.59 0.00	34.28 2.04 0.00	38.25 2.22 0.00	39.31 1.95 0.00	34.68 1.55 0.00	33.18 1.38 0.00
NARROWS_GT2_8 24243	28.29 1.34 0.00	29.25 1.44 0.00	29.74 1.46 0.00	28.30 1.40 0.00	31.51 1.50 0.00	32.19 1.54 0.00	34.80 1.62 0.00	37.26 1.72 0.00	38.77 1.75 0.00	33.51 1.64 0.00	33.18 1.78 0.00	32.84 2.01 0.00	33.30 2.12 0.00	32.57 2.14 0.00	35.34 2.39 0.00	35.93 2.46 0.00	38.74 2.64 0.00	39.87 2.72 0.00	41.71 2.59 0.00	34.28 2.04 0.00	38.25 2.22 0.00	39.31 1.95 0.00	34.68 1.55 0.00	33.18 1.38 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	27.80 0.85 0.00	28.76 0.95 0.00	29.23 0.96 0.00	27.82 0.93 0.00	31.04 1.04 0.00	31.68 1.03 0.00	34.20 1.01 0.00	36.77 1.23 0.00	38.25 1.24 0.00	33.06 1.19 0.00	32.56 1.15 0.00	31.80 0.97 0.00	32.17 0.99 0.00	31.51 1.08 0.00	34.18 1.24 0.00	34.69 1.22 0.00	37.59 1.49 0.00	38.44 1.29 0.00	40.54 1.42 0.00	33.42 1.19 0.00	37.42 1.39 0.00	38.66 1.29 0.00	34.25 1.13 0.00	32.90 1.10 0.00

NCHELSEA_115KV_TR2 355582	28.13 1.18 0.00	29.10 1.29 0.00	29.60 1.33 0.00	28.18 1.29 0.00	31.40 1.39 0.00	32.06 1.39 0.00	34.69 1.50 0.00	37.19 1.65 0.00	38.70 1.70 0.00	33.41 1.54 0.00	33.06 1.65 0.00	32.56 1.73 0.00	33.02 1.84 0.00	32.32 1.89 0.00	35.02 2.07 0.00	35.62 2.14 0.00	38.42 2.31 0.00	39.52 2.37 0.00	41.44 2.32 0.00	34.14 1.90 0.00	38.15 2.12 0.00	39.28 1.92 0.00	34.70 1.57 0.00	33.20 1.40 0.00
NEG CAPITAL___MECHNVIL 23645	28.07 1.12 0.00	29.08 1.27 0.00	29.57 1.30 0.00	28.16 1.27 0.00	31.39 1.38 0.00	32.12 1.46 0.00	34.72 1.53 0.00	37.34 1.80 0.00	38.84 1.83 0.00	33.53 1.66 0.00	33.03 1.62 0.00	32.32 1.49 0.00	32.64 1.47 0.00	31.81 1.38 0.00	34.39 1.44 0.00	34.92 1.45 0.00	37.77 1.67 0.00	38.76 1.60 0.00	40.78 1.66 0.00	33.61 1.37 0.00	37.68 1.65 0.00	38.93 1.57 0.00	34.38 1.26 0.00	33.03 1.23 0.00
NEG CENTRAL_HIGH_ACRES 23767	25.87 -1.08 0.00	26.55 -1.25 0.00	26.86 -1.42 0.00	25.59 -1.31 0.00	27.96 -1.40 0.65	28.02 -1.41 1.22	31.88 -1.31 0.00	34.16 -1.38 0.00	35.85 -1.16 0.00	30.51 -1.25 0.12	30.11 -1.30 0.00	29.60 -1.23 0.00	29.97 -1.21 0.00	29.20 -1.23 0.00	31.72 -1.23 0.00	32.16 -1.32 0.00	34.62 -1.48 0.00	35.73 -1.42 0.00	37.74 -1.38 0.00	31.03 -1.21 0.00	34.67 -1.37 0.00	36.16 -1.20 0.00	32.01 -1.11 0.00	30.69 -1.11 0.00
NEG CENTRAL___DRP 24199	26.60 -0.35 0.00	29.59 -0.43 -2.22	28.18 -0.53 -0.43	28.81 -0.50 -2.42	31.23 -0.51 -1.73	29.26 -0.52 0.88	32.98 -0.40 -0.20	37.34 -0.48 -2.28	41.45 -0.32 -4.77	35.76 -0.49 -4.38	35.35 -0.47 -4.41	32.06 -0.50 -1.73	30.57 -0.64 -0.03	29.72 -0.77 -0.06	33.52 -0.73 -1.30	33.04 -0.80 -0.36	40.09 -0.61 -4.60	41.44 -0.39 -4.67	44.07 -0.25 -5.19	33.06 -0.31 -1.13	35.71 -0.32 0.00	37.61 -0.17 -0.43	33.34 -0.24 -0.45	31.58 -0.22 0.00
NEG CENTRAL___INDECK 23768	26.68 -0.27 0.00	50.03 -0.69 -22.91	31.82 -0.90 -4.45	50.94 -0.91 -24.96	52.58 -1.05 -23.62	31.33 -1.26 -1.92	34.01 -1.23 -2.06	57.37 -1.53 -23.36	84.53 -1.41 -48.93	76.34 -1.87 -46.33	74.72 -2.13 -45.44	46.76 -1.85 -17.79	29.98 -1.53 -0.34	29.19 -1.88 -0.65	44.22 -2.07 -13.34	35.76 -1.47 -3.76	81.55 -1.96 -47.41	83.33 -1.65 -47.82	91.02 -1.21 -53.10	42.75 -1.05 -11.56	35.04 -1.00 -0.01	41.88 0.17 -4.36	37.63 -0.12 -4.63	31.63 -0.17 0.00
NEG CENTRAL___SENECA 23627	26.52 -0.43 0.00	30.75 -0.56 -3.51	28.27 -0.68 -0.68	30.06 -0.65 -3.82	32.18 -0.65 -2.83	28.77 -0.68 1.21	33.03 -0.48 -0.32	38.59 -0.55 -3.60	44.23 -0.31 -7.53	38.16 -0.58 -6.86	37.83 -0.53 -6.96	33.05 -0.51 -2.73	30.55 -0.67 -0.05	29.71 -0.82 -0.10	34.26 -0.74 -2.05	33.21 -0.84 -0.58	42.79 -0.59 -7.27	44.16 -0.37 -7.38	47.16 -0.16 -8.20	33.73 -0.29 -1.79	35.76 -0.28 0.00	37.96 -0.07 -0.68	33.61 -0.24 -0.72	31.57 -0.23 0.00
NEG CENTRAL___STATE_STREET 24147	26.85 -0.10 0.00	28.63 -0.08 -0.90	28.34 -0.11 -0.17	27.77 -0.10 -0.98	30.52 -0.07 -0.59	30.04 -0.06 0.57	33.18 -0.09 -0.08	36.31 -0.16 -0.93	38.87 -0.09 -1.95	33.65 -0.19 -1.96	33.00 -0.20 -1.80	31.26 -0.28 -0.71	30.80 -0.39 -0.01	29.90 -0.55 -0.03	32.96 -0.52 -0.53	33.09 -0.53 -0.15	37.44 -0.53 -1.87	38.83 -0.23 -1.90	41.13 -0.11 -2.12	32.58 -0.12 -0.46	35.90 -0.13 0.00	37.49 -0.04 -0.18	33.24 -0.07 -0.19	31.84 0.04 0.00
NEG MILLWOOD___DRP 24198	28.18 1.23 0.00	29.15 1.34 0.00	29.65 1.38 0.00	28.22 1.33 0.00	31.45 1.44 0.00	32.11 1.45 0.00	34.75 1.56 0.00	37.26 1.72 0.00	38.78 1.77 0.00	33.49 1.62 0.00	33.16 1.76 0.00	32.68 1.85 0.00	33.11 1.94 0.00	32.42 1.99 0.00	35.12 2.17 0.00	35.69 2.22 0.00	38.52 2.41 0.00	39.62 2.46 0.00	41.54 2.42 0.00	34.21 1.97 0.00	38.23 2.20 0.00	39.34 1.98 0.00	34.74 1.62 0.00	33.25 1.44 0.00
NEG NORTH_FLCN_SEA 23793	27.20 0.25 0.00	27.96 0.15 0.00	28.43 0.15 0.00	27.06 0.17 0.00	30.22 0.21 0.00	31.14 0.47 0.00	33.75 0.56 0.00	36.21 0.67 0.00	37.71 0.70 0.00	32.48 0.60 0.00	31.87 0.46 0.00	31.18 0.35 0.00	31.41 0.23 0.00	30.70 0.27 0.00	33.30 0.35 0.00	33.91 0.44 0.00	36.71 0.61 0.00	37.67 0.52 0.00	39.67 0.55 0.00	32.61 0.37 0.00	36.49 0.46 0.00	37.73 0.37 0.00	33.44 0.31 0.00	32.19 0.40 0.00
NEG NORTH_KES_CHATEGAY 23792	26.94 -0.01 0.00	27.70 -0.10 0.00	28.19 -0.08 0.00	26.80 -0.09 0.00	29.94 -0.07 0.00	30.78 0.12 0.00	33.41 0.22 0.00	35.82 0.28 0.00	37.27 0.26 0.00	32.01 0.14 0.00	31.42 0.02 0.00	30.78 -0.05 0.00	31.04 -0.14 0.00	30.35 -0.07 0.00	32.95 0.00 0.00	33.52 0.04 0.00	36.22 0.11 0.00	37.29 0.13 0.00	39.22 0.10 0.00	32.23 0.00 0.00	36.02 -0.01 0.00	37.35 -0.01 0.00	33.15 0.02 0.00	31.89 0.08 0.00
NEG NORTH___ALICE_FALLS 23915	27.22 0.27 0.00	27.98 0.17 0.00	28.45 0.17 0.00	27.07 0.17 0.00	30.23 0.22 0.00	31.15 0.49 0.00	33.80 0.61 0.00	36.17 0.64 0.00	37.66 0.65 0.00	32.41 0.54 0.00	31.82 0.41 0.00	31.14 0.30 0.00	31.36 0.18 0.00	30.69 0.26 0.00	33.34 0.39 0.00	33.94 0.47 0.00	36.72 0.61 0.00	37.72 0.56 0.00	39.73 0.61 0.00	32.68 0.44 0.00	36.56 0.52 0.00	37.82 0.46 0.00	33.50 0.38 0.00	32.22 0.42 0.00
NEG NORTH___LWR_SARANAC 23913	27.22 0.27 0.00	27.98 0.17 0.00	28.45 0.17 0.00	27.07 0.17 0.00	30.23 0.22 0.00	31.15 0.49 0.00	33.80 0.61 0.00	36.17 0.64 0.00	37.66 0.65 0.00	32.41 0.54 0.00	31.82 0.41 0.00	31.14 0.30 0.00	31.36 0.18 0.00	30.69 0.26 0.00	33.34 0.39 0.00	33.94 0.47 0.00	36.72 0.61 0.00	37.72 0.56 0.00	39.73 0.61 0.00	32.68 0.44 0.00	36.56 0.52 0.00	37.82 0.46 0.00	33.50 0.38 0.00	32.22 0.42 0.00
NEG NORTH___PLATTSBURG 23628	27.22 0.27 0.00	27.98 0.17 0.00	28.45 0.18 0.00	27.07 0.18 0.00	30.23 0.22 0.00	31.15 0.49 0.00	33.79 0.61 0.00	36.17 0.64 0.00	37.66 0.65 0.00	32.41 0.54 0.00	31.82 0.41 0.00	31.13 0.30 0.00	31.36 0.18 0.00	30.69 0.26 0.00	33.34 0.39 0.00	33.94 0.47 0.00	36.72 0.61 0.00	37.72 0.56 0.00	39.73 0.61 0.00	32.68 0.44 0.00	36.56 0.52 0.00	37.82 0.46 0.00	33.50 0.38 0.00	32.22 0.42 0.00
NEG WEST_LEA_LOCKPORT 23791	25.27 -1.68 0.00	19.57 -1.98 6.25	24.63 -2.43 1.22	17.95 -2.13 6.81	19.54 -2.35 8.11	24.54 -2.45 3.67	30.22 -2.41 0.56	26.72 -2.45 6.37	21.64 -2.03 13.34	16.64 -2.21 13.03	16.97 -2.06 12.37	24.15 -1.90 4.78	29.08 -2.01 0.09	28.14 -2.11 0.17	27.38 -1.98 3.59	30.14 -2.32 1.01	20.90 -2.45 12.76	22.02 -2.33 12.80	22.62 -2.29 14.21	26.91 -2.23 3.09	33.38 -2.66 0.00	34.12 -2.07 1.17	29.96 -1.92 1.24	30.03 -1.77 0.00
NEG WEST___LANCASTR 23811	25.26 -1.69 0.00	18.79 -1.86 7.16	24.54 -2.34 1.39	17.05 -2.05 7.79	18.33 -2.24 9.43	23.75 -2.43 4.48	30.34 -2.20 0.64	26.03 -2.21 7.30	19.92 -1.81 15.28	14.91 -2.02 14.95	15.50 -1.76 14.15	23.76 -1.60 5.47	29.41 -1.67 0.10	28.48 -1.75 0.20	27.16 -1.69 4.10	30.40 -1.91 1.16	19.56 -1.95 14.59	20.48 -1.97 14.71	20.91 -1.88 16.33	26.85 -1.83 3.56	33.84 -2.19 0.00	34.35 -1.67 1.34	30.03 -1.67 1.42	30.17 -1.64 0.00

NEG_PENN_ALLEGHNY 23528	26.96 0.01 0.00	27.81 0.01 0.00	28.24 -0.03 0.00	26.87 -0.02 0.00	31.44 0.02 -1.41	33.30 -0.02 -2.66	33.32 0.13 0.00	35.67 0.14 0.00	37.22 0.21 0.00	31.87 0.07 0.07	31.55 0.14 0.00	30.86 0.02 0.00	31.24 0.07 0.00	30.34 -0.08 0.00	32.84 -0.11 0.00	33.36 -0.12 0.00	36.00 -0.11 0.00	37.11 -0.04 0.00	39.18 0.06 0.00	32.25 0.02 0.00	36.02 -0.02 0.00	37.45 0.09 0.00	33.07 -0.06 0.00	31.72 -0.09 0.00
NEG___GEN_MONROE 24207	26.29 -0.65 0.00	26.95 -0.86 0.00	27.17 -1.10 0.00	25.91 -0.98 0.00	28.17 -1.04 0.79	28.16 -1.01 1.49	32.36 -0.83 0.00	34.71 -0.83 0.00	36.44 -0.57 0.00	30.81 -0.89 0.17	30.38 -1.03 0.00	29.98 -0.85 0.00	30.37 -0.81 0.00	29.45 -0.98 0.00	32.13 -0.82 0.00	32.71 -0.76 0.00	35.08 -1.03 0.00	36.19 -0.96 0.00	38.31 -0.81 0.00	31.53 -0.70 0.00	35.21 -0.82 0.00	36.84 -0.52 0.00	32.58 -0.55 0.00	31.25 -0.56 0.00
NEPA___ENERGY 23901	25.61 -1.34 0.00	18.85 -1.48 7.48	25.08 -1.75 1.46	17.17 -1.58 8.15	18.45 -1.75 9.80	24.13 -1.95 4.58	30.79 -1.73 0.67	26.01 -1.90 7.63	19.58 -1.46 15.96	14.50 -1.77 15.61	15.31 -1.32 14.79	24.07 -1.05 5.71	29.98 -1.09 0.11	28.97 -1.25 0.21	27.66 -1.00 4.29	30.95 -1.31 1.21	19.54 -1.31 15.25	20.60 -1.18 15.37	20.95 -1.10 17.07	27.40 -1.12 3.72	34.67 -1.36 0.00	35.01 -0.95 1.40	30.47 -1.16 1.49	30.70 -1.11 0.00
NEVERSINK___HYD 23608	28.07 1.13 0.00	29.19 1.38 0.00	29.73 1.46 0.00	28.31 1.41 0.00	31.77 1.57 -0.19	32.70 1.67 -0.36	34.97 1.79 0.00	37.47 1.93 0.00	38.97 1.96 0.00	33.61 1.73 0.00	33.17 1.76 0.00	32.64 1.81 0.00	33.12 1.95 0.00	32.39 1.96 0.00	35.23 2.28 0.00	35.83 2.36 0.00	38.70 2.60 0.00	39.85 2.69 0.00	41.81 2.69 0.00	34.42 2.19 0.00	38.47 2.44 0.00	39.61 2.25 0.00	34.92 1.80 0.00	33.41 1.61 0.00
NEWKRMKL_115KV_TB1 55635	27.38 0.43 0.00	28.35 0.54 0.00	28.83 0.56 0.00	27.43 0.54 0.00	30.58 0.57 0.00	31.18 0.52 0.00	33.52 0.34 0.00	35.99 0.45 0.00	37.44 0.43 0.00	32.36 0.49 0.00	31.98 0.57 0.00	31.42 0.58 0.00	31.80 0.63 0.00	31.10 0.67 0.00	33.59 0.64 0.00	34.09 0.63 0.00	36.82 0.71 0.00	37.64 0.49 0.00	39.60 0.48 0.00	32.62 0.39 0.00	36.52 0.48 0.00	37.74 0.38 0.00	33.55 0.43 0.00	32.31 0.51 0.00
NEWTON___FALLS_HYD 23847	26.46 -0.49 0.00	27.21 -0.59 0.00	27.75 -0.52 0.00	26.41 -0.48 0.00	29.40 -0.61 0.00	29.85 -0.81 0.00	32.56 -0.63 0.00	34.75 -0.79 0.00	36.14 -0.87 0.00	31.06 -0.82 0.00	30.35 -1.06 0.00	29.58 -1.25 0.00	29.58 -1.60 0.00	28.81 -1.62 0.00	31.29 -1.66 0.00	31.81 -1.66 0.00	34.13 -1.98 0.00	35.43 -1.72 0.00	37.69 -1.43 0.00	31.18 -1.06 0.00	34.54 -1.49 0.00	35.80 -1.56 0.00	31.72 -1.40 0.00	30.59 -1.21 0.00
NGRID_A1_DSASP 323792	25.04 -1.91 0.00	19.30 -2.20 6.30	24.39 -2.65 1.23	17.66 -2.36 6.87	19.22 -2.59 8.20	24.21 -2.70 3.75	29.95 -2.68 0.57	26.21 -2.84 6.49	21.09 -2.46 13.46	16.27 -2.47 13.13	16.65 -2.29 12.46	23.94 -2.08 4.81	28.97 -2.12 0.09	28.10 -2.16 0.18	27.19 -2.15 3.61	30.03 -2.43 1.02	20.51 -2.74 12.86	21.40 -2.74 13.01	21.87 -2.77 14.48	26.59 -2.52 3.12	33.11 -2.92 0.00	33.79 -2.39 1.18	29.71 -2.17 1.25	29.80 -2.00 0.00
NGRID_A2_DSASP 323793	25.04 -1.91 0.00	19.30 -2.20 6.30	24.39 -2.65 1.23	17.66 -2.36 6.87	19.22 -2.59 8.20	24.21 -2.70 3.75	29.95 -2.68 0.57	26.21 -2.84 6.49	21.09 -2.46 13.46	16.27 -2.47 13.13	16.65 -2.29 12.46	23.94 -2.08 4.81	28.97 -2.12 0.09	28.10 -2.16 0.18	27.19 -2.15 3.61	30.03 -2.43 1.02	20.51 -2.74 12.86	21.40 -2.74 13.01	21.87 -2.77 14.48	26.59 -2.52 3.12	33.11 -2.92 0.00	33.79 -2.39 1.18	29.71 -2.17 1.25	29.80 -2.00 0.00
NGRID_A4_DSASP 323807	25.04 -1.91 0.00	19.30 -2.20 6.30	24.39 -2.65 1.23	17.66 -2.36 6.87	19.22 -2.59 8.20	24.21 -2.70 3.75	29.95 -2.68 0.57	26.21 -2.84 6.49	21.09 -2.46 13.46	16.27 -2.47 13.13	16.65 -2.29 12.46	23.94 -2.08 4.81	28.97 -2.12 0.09	28.10 -2.16 0.18	27.19 -2.15 3.61	30.03 -2.43 1.02	20.51 -2.74 12.86	21.40 -2.74 13.01	21.87 -2.77 14.48	26.59 -2.52 3.12	33.11 -2.92 0.00	33.79 -2.39 1.18	29.71 -2.17 1.25	29.80 -2.00 0.00
NIAGARA_115E_LBMP 323715	24.93 -2.02 0.00	19.12 -2.27 6.41	24.24 -2.78 1.25	17.50 -2.40 6.99	19.03 -2.65 8.33	24.01 -2.87 3.79	29.71 -2.90 0.58	26.10 -2.90 6.54	21.00 -2.32 13.69	15.99 -2.52 13.36	16.37 -2.35 12.69	23.60 -2.33 4.90	28.63 -2.46 0.09	27.78 -2.47 0.18	26.85 -2.42 3.68	29.59 -2.84 1.04	20.29 -2.73 13.09	21.32 -2.70 13.13	21.85 -2.70 14.57	26.32 -2.74 3.17	32.69 -3.34 0.00	33.45 -2.72 1.20	29.40 -2.46 1.27	29.54 -2.26 0.00
NIAGARA_115W_LBMP 323714	24.99 -1.96 0.00	19.29 -2.22 6.30	24.35 -2.70 1.22	17.65 -2.38 6.86	19.21 -2.60 8.19	24.12 -2.80 3.74	29.89 -2.73 0.57	26.16 -2.89 6.49	21.18 -2.38 13.45	16.27 -2.48 13.12	16.66 -2.30 12.45	23.89 -2.13 4.81	28.95 -2.13 0.09	28.11 -2.14 0.17	27.16 -2.19 3.61	29.98 -2.47 1.02	20.56 -2.70 12.85	21.40 -2.77 12.99	21.87 -2.79 14.47	26.56 -2.56 3.12	33.04 -2.99 0.00	33.71 -2.47 1.18	29.64 -2.23 1.25	29.73 -2.07 0.00
NIAGARA_230_LBMP 323716	25.06 -1.88 0.00	19.37 -2.19 6.24	24.44 -2.63 1.21	17.74 -2.35 6.80	19.29 -2.59 8.13	24.21 -2.73 3.72	30.00 -2.63 0.56	26.41 -2.76 6.36	21.38 -2.31 13.32	16.38 -2.48 13.01	16.75 -2.31 12.35	23.92 -2.14 4.77	28.96 -2.13 0.09	28.12 -2.14 0.17	27.19 -2.19 3.58	30.00 -2.46 1.01	20.71 -2.65 12.74	21.71 -2.65 12.80	22.27 -2.65 14.20	26.69 -2.45 3.09	33.17 -2.87 0.00	33.87 -2.33 1.17	29.76 -2.12 1.24	29.83 -1.97 0.00
NIAGARA___115KV_198_GIBSON 55903	24.99 -1.96 0.00	19.27 -2.24 6.30	24.35 -2.70 1.22	17.63 -2.41 6.86	19.18 -2.64 8.19	24.17 -2.75 3.74	29.88 -2.75 0.57	26.14 -2.91 6.49	21.03 -2.53 13.45	16.24 -2.52 13.12	16.62 -2.34 12.45	23.90 -2.12 4.81	28.93 -2.16 0.09	28.06 -2.20 0.17	27.14 -2.20 3.61	29.98 -2.47 1.02	20.45 -2.81 12.85	21.33 -2.83 12.99	21.79 -2.86 14.47	26.52 -2.59 3.12	33.04 -2.99 0.00	33.70 -2.48 1.18	29.63 -2.25 1.25	29.74 -2.06 0.00
NIAGARA____ 23760	25.06 -1.88 0.00	19.33 -2.19 6.28	24.43 -2.63 1.22	17.69 -2.35 6.84	19.24 -2.59 8.17	24.20 -2.73 3.74	30.00 -2.63 0.56	26.37 -2.76 6.41	21.32 -2.31 13.38	16.33 -2.48 13.06	16.70 -2.31 12.40	23.90 -2.14 4.79	28.96 -2.13 0.09	28.11 -2.14 0.17	27.17 -2.19 3.59	30.00 -2.46 1.01	20.66 -2.65 12.79	21.63 -2.65 12.87	22.17 -2.65 14.30	26.68 -2.45 3.11	33.17 -2.87 0.00	33.86 -2.33 1.17	29.75 -2.12 1.24	29.83 -1.97 0.00
NINE_MILE_1 23575	26.15 -0.80 0.00	26.97 -0.84 0.00	27.40 -0.88 0.00	26.06 -0.83 0.00	29.09 -0.91 0.00	29.70 -0.96 0.00	32.14 -1.05 0.00	34.33 -1.21 0.00	35.79 -1.22 0.00	30.79 -1.08 0.00	30.32 -1.09 0.00	29.75 -1.08 0.00	30.07 -1.11 0.00	29.30 -1.12 0.00	31.75 -1.20 0.00	32.24 -1.24 0.00	34.77 -1.33 0.00	35.85 -1.30 0.00	37.79 -1.33 0.00	31.14 -1.10 0.00	34.79 -1.25 0.00	36.14 -1.22 0.00	32.12 -1.00 0.00	30.86 -0.94 0.00

NINE_MILE_2 23744	26.15 -0.80 0.00	26.97 -0.84 0.00	27.40 -0.88 0.00	26.06 -0.83 0.00	29.10 -0.91 0.00	29.70 -0.95 0.00	32.14 -1.05 0.00	34.33 -1.21 0.00	35.79 -1.22 0.00	30.79 -1.08 0.00	30.32 -1.09 0.00	29.75 -1.08 0.00	30.07 -1.11 0.00	29.30 -1.12 0.00	31.75 -1.20 0.00	32.24 -1.23 0.00	34.77 -1.33 0.00	35.85 -1.30 0.00	37.80 -1.32 0.00	31.14 -1.10 0.00	34.79 -1.25 0.00	36.14 -1.22 0.00	32.13 -1.00 0.00	30.86 -0.94 0.00
NM_CAPITAL___DRP 24208	27.40 0.46 0.00	28.39 0.58 0.00	28.87 0.59 0.00	27.47 0.58 0.00	30.61 0.60 0.00	31.20 0.54 0.00	33.56 0.37 0.00	36.04 0.50 0.00	37.48 0.47 0.00	32.40 0.53 0.00	32.04 0.63 0.00	31.48 0.65 0.00	31.86 0.68 0.00	31.13 0.70 0.00	33.61 0.66 0.00	34.12 0.65 0.00	36.85 0.75 0.00	37.68 0.53 0.00	39.64 0.52 0.00	32.65 0.41 0.00	36.56 0.53 0.00	37.79 0.43 0.00	33.59 0.46 0.00	32.33 0.53 0.00
NM_CENTRAL___DRP 24181	26.66 -0.29 0.00	27.49 -0.31 0.00	27.92 -0.36 0.00	26.55 -0.34 0.00	29.66 -0.35 0.00	30.28 -0.38 0.00	32.81 -0.37 0.00	35.10 -0.44 0.00	36.60 -0.41 0.00	31.48 -0.39 0.00	31.03 -0.38 0.00	30.43 -0.40 0.00	30.70 -0.47 0.00	29.87 -0.55 0.00	32.37 -0.58 0.00	32.87 -0.61 0.00	35.44 -0.66 0.00	36.66 -0.50 0.00	38.69 -0.43 0.00	31.85 -0.39 0.00	35.57 -0.46 0.00	36.94 -0.42 0.00	32.77 -0.35 0.00	31.44 -0.36 0.00
NM_FRONTIER___DRP 24179	24.99 -1.96 0.00	19.27 -2.24 6.30	24.35 -2.70 1.22	17.63 -2.41 6.86	19.18 -2.64 8.19	24.17 -2.75 3.74	29.88 -2.75 0.57	26.14 -2.91 6.49	21.03 -2.53 13.45	16.24 -2.52 13.12	16.62 -2.34 12.45	23.90 -2.12 4.81	28.93 -2.16 0.09	28.06 -2.20 0.17	27.14 -2.20 3.61	29.98 -2.47 1.02	20.45 -2.81 12.85	21.33 -2.83 12.99	21.79 -2.86 14.47	26.52 -2.59 3.12	33.04 -2.99 0.00	33.70 -2.48 1.18	29.63 -2.25 1.25	29.74 -2.06 0.00
NM_ST_REGIS___HYD 24053	26.51 -0.44 0.00	27.27 -0.54 0.00	27.79 -0.48 0.00	26.41 -0.48 0.00	29.45 -0.56 0.00	30.16 -0.50 0.00	32.88 -0.31 0.00	35.20 -0.33 0.00	36.62 -0.39 0.00	31.46 -0.41 0.00	30.80 -0.61 0.00	29.85 -0.98 0.00	30.02 -1.16 0.00	29.47 -0.95 0.00	32.23 -0.72 0.00	32.71 -0.76 0.00	35.19 -0.92 0.00	36.22 -0.93 0.00	38.26 -0.87 0.00	31.56 -0.67 0.00	35.17 -0.87 0.00	36.43 -0.93 0.00	32.37 -0.75 0.00	31.23 -0.58 0.00
NORTHPORT___1 23551	28.39 1.44 0.00	29.28 1.47 0.00	31.49 1.59 -1.62	28.43 1.53 -0.01	31.63 1.63 0.00	32.28 1.62 -0.01	46.32 1.68 -11.45	51.34 1.75 -14.04	52.35 1.57 -13.77	35.17 1.62 -1.68	33.05 1.64 0.00	32.55 1.72 0.00	33.11 1.93 0.00	32.15 1.72 0.00	34.95 2.00 0.00	35.59 2.12 0.00	38.38 2.28 0.00	39.31 2.16 0.00	41.04 1.92 0.00	33.88 1.64 0.00	38.00 1.97 0.00	39.14 1.78 0.00	34.76 1.64 0.00	33.39 1.59 0.00
NORTHPORT___2 23552	28.34 1.39 0.00	29.23 1.42 0.00	31.43 1.54 -1.63	28.37 1.48 -0.01	31.58 1.57 0.00	32.22 1.56 -0.01	46.26 1.61 -11.46	51.26 1.66 -14.06	52.23 1.44 -13.78	35.11 1.56 -1.68	33.01 1.60 0.00	32.52 1.68 0.00	33.07 1.89 0.00	32.12 1.69 0.00	34.92 1.97 0.00	35.55 2.08 0.00	38.28 2.18 0.00	39.18 2.03 0.00	40.89 1.77 0.00	33.75 1.52 0.00	37.86 1.82 0.00	38.99 1.63 0.00	34.66 1.53 0.00	33.31 1.51 0.00
NORTHPORT___3 23553	28.32 1.37 0.00	29.21 1.40 0.00	31.42 1.52 -1.63	28.36 1.47 -0.01	31.57 1.56 0.00	32.21 1.55 -0.01	46.29 1.60 -11.50	51.30 1.66 -14.11	52.29 1.45 -13.83	35.11 1.55 -1.69	33.00 1.59 0.00	32.52 1.68 0.00	33.07 1.89 0.00	32.13 1.70 0.00	34.92 1.97 0.00	35.56 2.09 0.00	38.29 2.19 0.00	39.19 2.03 0.00	40.88 1.76 0.00	33.75 1.51 0.00	37.84 1.81 0.00	38.99 1.63 0.00	34.64 1.52 0.00	33.30 1.50 0.00
NORTHPORT___4 23650	28.32 1.37 0.00	29.21 1.40 0.00	31.42 1.52 -1.63	28.36 1.47 -0.01	31.57 1.56 0.00	32.21 1.55 -0.01	46.29 1.60 -11.50	51.30 1.66 -14.11	52.29 1.45 -13.83	35.11 1.55 -1.69	33.00 1.59 0.00	32.52 1.68 0.00	33.07 1.89 0.00	32.13 1.70 0.00	34.92 1.97 0.00	35.56 2.09 0.00	38.29 2.19 0.00	39.19 2.03 0.00	40.88 1.76 0.00	33.75 1.51 0.00	37.84 1.81 0.00	38.99 1.63 0.00	34.64 1.52 0.00	33.30 1.50 0.00
NORTHPORT___IC 23718	28.34 1.39 0.00	29.23 1.43 0.00	31.44 1.54 -1.63	28.39 1.49 -0.01	31.58 1.58 0.00	32.21 1.55 -0.01	46.26 1.62 -11.46	51.26 1.66 -14.06	52.26 1.46 -13.78	35.11 1.56 -1.68	33.02 1.61 0.00	32.51 1.68 0.00	33.07 1.90 0.00	32.14 1.72 0.00	34.92 1.97 0.00	35.56 2.09 0.00	38.29 2.19 0.00	39.20 2.04 0.00	40.92 1.80 0.00	33.76 1.52 0.00	37.86 1.83 0.00	38.99 1.64 0.00	34.66 1.54 0.00	33.31 1.51 0.00
NORTH___COUNTRY_ESR 323785	26.90 -0.05 0.00	27.65 -0.16 0.00	28.15 -0.12 0.00	26.76 -0.13 0.00	29.89 -0.12 0.00	30.73 0.07 0.00	33.35 0.16 0.00	35.76 0.22 0.00	37.22 0.21 0.00	31.98 0.11 0.00	31.41 0.00 0.00	30.75 -0.08 0.00	31.04 -0.14 0.00	30.35 -0.07 0.00	32.94 -0.01 0.00	33.51 0.03 0.00	36.21 0.11 0.00	37.26 0.11 0.00	39.18 0.06 0.00	32.18 -0.05 0.00	35.95 -0.09 0.00	37.27 -0.09 0.00	33.09 -0.03 0.00	31.83 0.03 0.00
NPX_GEN_1385_PROXY 323591	28.34 1.39 0.00	29.23 1.42 0.00	31.43 1.54 -1.63	28.37 1.48 -0.01	30.86 1.57 0.72	30.70 1.56 1.51	46.26 1.61 -11.46	51.26 1.66 -14.06	52.23 1.44 -13.78	35.11 1.56 -1.68	33.01 1.60 0.00	32.52 1.68 0.00	33.07 1.89 0.00	32.12 1.69 0.00	34.92 1.97 0.00	35.55 2.08 0.00	38.28 2.18 0.00	39.18 2.03 0.00	40.89 1.77 0.00	33.75 1.52 0.00	37.86 1.82 0.00	39.22 1.63 -0.23	34.14 1.53 0.51	33.31 1.51 0.00
NPX_GEN_CSC 323557	28.80 1.85 0.00	29.67 1.87 0.00	31.88 1.97 -1.64	28.79 1.90 -0.01	31.33 2.04 0.72	31.19 2.04 1.51	46.91 2.13 -11.59	52.01 2.26 -14.22	53.02 2.07 -13.94	35.64 2.06 -1.70	33.36 1.95 0.00	32.77 1.93 0.00	33.32 2.15 0.00	32.31 1.88 0.00	35.11 2.16 0.00	35.81 2.33 0.00	38.70 2.60 0.00	39.70 2.55 0.00	41.34 2.22 0.00	34.12 1.88 0.00	38.34 2.30 0.00	39.74 2.15 -0.23	34.56 1.95 0.51	33.67 1.87 0.00
NSINS_S___GLNS_FALLS 23858	28.16 1.21 0.00	29.20 1.40 0.00	29.69 1.41 0.00	28.35 1.46 0.00	31.60 1.59 0.00	32.49 1.83 0.00	35.11 1.92 0.00	37.80 2.27 0.00	39.40 2.39 0.00	34.00 2.12 0.00	33.31 1.90 0.00	32.50 1.67 0.00	32.67 1.50 0.00	31.86 1.43 0.00	34.54 1.59 0.00	35.08 1.61 0.00	37.97 1.86 0.00	39.07 1.91 0.00	41.14 2.02 0.00	33.87 1.63 0.00	38.03 1.99 0.00	39.23 1.87 0.00	34.53 1.40 0.00	33.22 1.42 0.00
NUCOR_STEEL___DRP 24197	26.84 -0.11 0.00	27.73 -0.07 0.00	28.16 -0.11 0.00	26.81 -0.08 0.00	29.61 -0.06 0.33	29.99 -0.04 0.63	33.08 -0.10 0.00	35.36 -0.18 0.00	36.89 -0.12 0.00	31.78 -0.21 -0.11	31.19 -0.22 0.00	30.53 -0.30 0.00	30.78 -0.40 0.00	29.88 -0.55 0.00	32.43 -0.52 0.00	32.94 -0.53 0.00	35.54 -0.56 0.00	36.90 -0.26 0.00	38.96 -0.16 0.00	32.08 -0.16 0.00	35.86 -0.18 0.00	37.26 -0.10 0.00	33.03 -0.10 0.00	31.83 0.03 0.00

NUMBER_THREE_WT_PWR 323818	26.95 0.00 0.00	27.70 -0.11 0.00	28.26 -0.02 0.00	26.94 0.04 0.00	29.91 -0.10 0.00	30.09 -0.57 0.00	32.86 -0.32 0.00	34.98 -0.55 0.00	36.30 -0.71 0.00	31.22 -0.65 0.00	30.46 -0.95 0.00	29.90 -0.93 0.00	29.79 -1.39 0.00	28.92 -1.51 0.00	31.21 -1.74 0.00	31.83 -1.64 0.00	34.16 -1.94 0.00	35.65 -1.50 0.00	38.21 -0.92 0.00	31.69 -0.55 0.00	34.92 -1.11 0.00	36.26 -1.10 0.00	31.93 -1.19 0.00	30.76 -1.04 0.00
NYISO_LBMP_REFERENCE 24008	26.95 0.00 0.00	27.81 0.00 0.00	28.27 0.00 0.00	26.89 0.00 0.00	30.01 0.00 0.00	30.66 0.00 0.00	33.19 0.00 0.00	35.54 0.00 0.00	37.01 0.00 0.00	31.87 0.00 0.00	31.41 0.00 0.00	30.83 0.00 0.00	31.18 0.00 0.00	30.43 0.00 0.00	32.95 0.00 0.00	33.47 0.00 0.00	36.10 0.00 0.00	37.15 0.00 0.00	39.12 0.00 0.00	32.23 0.00 0.00	36.03 0.00 0.00	37.36 0.00 0.00	33.12 0.00 0.00	31.80 0.00 0.00
NYPA_BRENTWD____GT 24164	28.68 1.73 0.00	29.56 1.75 0.00	31.81 1.86 -1.68	28.69 1.80 -0.01	31.94 1.93 0.00	32.60 1.93 -0.01	47.07 2.05 -11.83	52.22 2.17 -14.51	53.23 1.99 -14.23	35.55 1.95 -1.74	33.32 1.91 0.00	32.79 1.96 0.00	33.37 2.19 0.00	32.37 1.94 0.00	35.20 2.25 0.00	35.86 2.39 0.00	38.74 2.64 0.00	39.74 2.59 0.00	41.51 2.39 0.00	34.28 2.04 0.00	38.48 2.45 0.00	39.63 2.27 0.00	35.16 2.04 0.00	33.76 1.96 0.00
NYPA_GOWANUS____GT5 24156	28.29 1.34 0.00	29.25 1.44 0.00	29.74 1.46 0.00	28.30 1.40 0.00	31.51 1.50 0.00	32.19 1.54 0.00	34.80 1.62 0.00	37.26 1.72 0.00	38.77 1.75 0.00	33.51 1.64 0.00	33.18 1.78 0.00	32.84 2.01 0.00	33.30 2.12 0.00	32.57 2.14 0.00	35.34 2.39 0.00	35.93 2.46 0.00	38.74 2.64 0.00	39.87 2.72 0.00	41.71 2.59 0.00	34.28 2.04 0.00	38.25 2.22 0.00	39.31 1.95 0.00	34.68 1.55 0.00	33.18 1.38 0.00
NYPA_GOWANUS____GT6 24157	28.29 1.34 0.00	29.25 1.44 0.00	29.74 1.46 0.00	28.30 1.40 0.00	31.51 1.50 0.00	32.19 1.54 0.00	34.80 1.62 0.00	37.26 1.72 0.00	38.77 1.75 0.00	33.51 1.64 0.00	33.18 1.78 0.00	32.84 2.01 0.00	33.30 2.12 0.00	32.57 2.14 0.00	35.34 2.39 0.00	35.93 2.46 0.00	38.74 2.64 0.00	39.87 2.72 0.00	41.71 2.59 0.00	34.28 2.04 0.00	38.25 2.22 0.00	39.31 1.95 0.00	34.68 1.55 0.00	33.18 1.38 0.00
NYPA_HARLEM__RVR__GT1 24160	28.21 1.26 0.00	29.17 1.36 0.00	29.60 1.33 0.00	28.17 1.28 0.00	31.41 1.40 0.00	32.14 1.48 0.00	34.62 1.44 0.00	37.11 1.57 0.00	38.58 1.57 0.00	33.47 1.60 0.00	33.04 1.63 0.00	32.69 1.86 0.00	33.13 1.96 0.00	32.41 1.99 0.00	35.04 2.09 0.00	35.68 2.21 0.00	38.45 2.35 0.00	39.60 2.45 0.00	41.46 2.34 0.00	34.13 1.90 0.00	38.09 2.05 0.00	39.19 1.83 0.00	34.58 1.45 0.00	33.13 1.33 0.00
NYPA_HARLEM__RVR__GT2 24161	28.21 1.26 0.00	29.17 1.36 0.00	29.60 1.33 0.00	28.17 1.28 0.00	31.41 1.40 0.00	32.14 1.48 0.00	34.62 1.44 0.00	37.11 1.57 0.00	38.58 1.57 0.00	33.47 1.60 0.00	33.04 1.63 0.00	32.69 1.86 0.00	33.13 1.96 0.00	32.41 1.99 0.00	35.04 2.09 0.00	35.68 2.21 0.00	38.45 2.35 0.00	39.60 2.45 0.00	41.46 2.34 0.00	34.13 1.90 0.00	38.09 2.05 0.00	39.19 1.83 0.00	34.58 1.45 0.00	33.13 1.33 0.00
NYPA_KENT____GT 24152	28.26 1.32 0.00	29.22 1.42 0.00	29.71 1.44 0.00	28.26 1.37 0.00	31.47 1.46 0.00	32.16 1.50 0.00	34.75 1.56 0.00	37.21 1.68 0.00	38.72 1.71 0.00	33.49 1.62 0.00	33.16 1.75 0.00	32.81 1.98 0.00	33.27 2.09 0.00	32.53 2.11 0.00	35.29 2.34 0.00	35.88 2.40 0.00	38.68 2.58 0.00	39.81 2.66 0.00	41.65 2.53 0.00	34.23 1.99 0.00	38.19 2.15 0.00	39.26 1.90 0.00	34.64 1.51 0.00	33.15 1.35 0.00
NYPA_POUCH1____GT 24155	28.33 1.39 0.00	29.32 1.52 0.00	29.82 1.55 0.00	28.38 1.49 0.00	31.61 1.60 0.00	32.29 1.63 0.00	34.91 1.72 0.00	37.34 1.80 0.00	38.85 1.84 0.00	33.57 1.69 0.00	33.22 1.81 0.00	32.88 2.05 0.00	33.34 2.16 0.00	32.61 2.18 0.00	35.38 2.44 0.00	35.99 2.52 0.00	38.79 2.68 0.00	39.92 2.77 0.00	41.75 2.63 0.00	34.26 2.03 0.00	38.23 2.20 0.00	39.30 1.94 0.00	34.66 1.53 0.00	33.17 1.37 0.00
NYPA_VERNON____GT2 24162	28.24 1.29 0.00	29.21 1.40 0.00	29.68 1.41 0.00	28.23 1.34 0.00	31.43 1.43 0.00	32.12 1.46 0.00	34.70 1.52 0.00	37.17 1.63 0.00	38.66 1.65 0.00	33.47 1.59 0.00	33.13 1.72 0.00	32.78 1.95 0.00	33.24 2.06 0.00	32.50 2.07 0.00	35.25 2.30 0.00	35.82 2.35 0.00	38.63 2.53 0.00	39.75 2.60 0.00	41.59 2.47 0.00	34.18 1.94 0.00	38.14 2.10 0.00	39.20 1.84 0.00	34.60 1.48 0.00	33.12 1.32 0.00
NYPA_VERNON____GT3 24163	28.24 1.29 0.00	29.21 1.40 0.00	29.68 1.41 0.00	28.23 1.34 0.00	31.43 1.43 0.00	32.12 1.46 0.00	34.70 1.52 0.00	37.17 1.63 0.00	38.66 1.65 0.00	33.47 1.59 0.00	33.13 1.72 0.00	32.78 1.95 0.00	33.24 2.06 0.00	32.50 2.07 0.00	35.25 2.30 0.00	35.82 2.35 0.00	38.63 2.53 0.00	39.75 2.60 0.00	41.59 2.47 0.00	34.18 1.94 0.00	38.14 2.10 0.00	39.20 1.84 0.00	34.60 1.48 0.00	33.12 1.32 0.00
NYPA__ASTORIA_CC1 323568	28.21 1.26 0.00	29.17 1.37 0.00	29.65 1.37 0.00	28.20 1.31 0.00	31.39 1.38 0.00	32.08 1.42 0.00	34.64 1.45 0.00	37.11 1.57 0.00	38.59 1.58 0.00	33.40 1.53 0.00	33.07 1.66 0.00	32.73 1.89 0.00	33.18 2.00 0.00	32.45 2.02 0.00	35.17 2.22 0.00	35.75 2.28 0.00	38.56 2.45 0.00	39.68 2.53 0.00	41.51 2.39 0.00	34.11 1.87 0.00	38.05 2.01 0.00	39.12 1.76 0.00	34.54 1.41 0.00	33.06 1.26 0.00
NYPA__ASTORIA_CC2 323569	28.21 1.26 0.00	29.17 1.37 0.00	29.65 1.37 0.00	28.20 1.31 0.00	31.39 1.38 0.00	32.08 1.42 0.00	34.64 1.45 0.00	37.11 1.57 0.00	38.59 1.58 0.00	33.40 1.53 0.00	33.07 1.66 0.00	32.73 1.89 0.00	33.18 2.00 0.00	32.45 2.02 0.00	35.17 2.22 0.00	35.75 2.28 0.00	38.56 2.45 0.00	39.68 2.53 0.00	41.51 2.39 0.00	34.11 1.87 0.00	38.05 2.01 0.00	39.12 1.76 0.00	34.54 1.41 0.00	33.06 1.26 0.00
NYPA__HOLTSVILL 23794	28.62 1.67 0.00	29.50 1.69 0.00	31.71 1.80 -1.64	28.62 1.73 -0.01	31.85 1.84 0.00	32.48 1.82 -0.01	46.64 1.87 -11.58	51.71 1.97 -14.20	52.72 1.79 -13.92	35.40 1.82 -1.70	33.19 1.78 0.00	32.64 1.81 0.00	33.20 2.03 0.00	32.20 1.77 0.00	35.00 2.06 0.00	35.66 2.19 0.00	38.49 2.38 0.00	39.45 2.29 0.00	41.16 2.04 0.00	34.00 1.77 0.00	38.19 2.15 0.00	39.35 1.99 0.00	34.95 1.83 0.00	33.58 1.78 0.00
NYPA__HELLGATE_GT1 24158	28.21 1.26 0.00	29.17 1.36 0.00	29.60 1.33 0.00	28.17 1.28 0.00	31.41 1.40 0.00	32.14 1.48 0.00	34.62 1.44 0.00	37.11 1.57 0.00	38.58 1.57 0.00	33.47 1.60 0.00	33.04 1.63 0.00	32.69 1.86 0.00	33.13 1.96 0.00	32.41 1.99 0.00	35.04 2.09 0.00	35.68 2.21 0.00	38.45 2.35 0.00	39.60 2.45 0.00	41.46 2.34 0.00	34.13 1.90 0.00	38.09 2.05 0.00	39.19 1.83 0.00	34.58 1.45 0.00	33.13 1.33 0.00

NYPA_____HELLGATE_GT2 24159	28.21	29.17	29.60	28.17	31.41	32.14	34.62	37.11	38.58	33.47	33.04	32.69	33.13	32.41	35.04	35.68	38.45	39.60	41.46	34.13	38.09	39.19	34.58	33.13
	1.26	1.36	1.33	1.28	1.40	1.48	1.44	1.57	1.57	1.60	1.63	1.86	1.96	1.99	2.09	2.21	2.35	2.45	2.34	1.90	2.05	1.83	1.45	1.33
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYS_BARGE___HYD 23848	25.31	20.02	24.75	18.44	20.08	24.68	30.31	27.22	22.68	17.52	17.83	24.48	29.12	28.23	27.64	30.24	21.83	22.95	23.67	27.17	33.40	34.24	30.08	30.06
	-1.64	-1.91	-2.39	-2.05	-2.25	-2.43	-2.35	-2.34	-1.79	-2.10	-1.96	-1.87	-1.97	-2.04	-1.95	-2.28	-2.29	-2.18	-2.12	-2.16	-2.63	-2.03	-1.88	-1.75
	0.00	5.87	1.14	6.40	7.68	3.56	0.53	5.98	12.53	12.25	11.62	4.49	0.08	0.16	3.37	0.95	11.98	12.02	13.34	2.90	0.00	1.10	1.16	0.00
OAK ORCHARD___HYD 24046	26.22	26.89	27.13	25.86	28.13	28.10	32.25	34.57	36.30	30.76	30.40	29.97	30.36	29.54	32.14	32.60	35.04	36.18	38.23	31.42	35.09	36.69	32.45	31.12
	-0.73	-0.92	-1.15	-1.03	-1.10	-1.11	-0.94	-0.97	-0.71	-0.94	-1.01	-0.87	-0.82	-0.89	-0.81	-0.87	-1.06	-0.97	-0.89	-0.81	-0.94	-0.67	-0.67	-0.67
	0.00	0.00	0.00	0.00	0.77	1.46	0.00	0.00	0.00	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OAKDALE___35_KV_LOAD 356122	26.94	27.79	28.23	26.86	31.58	33.58	33.29	35.63	37.16	31.80	31.52	30.83	31.21	30.31	32.82	33.32	35.96	37.06	39.12	32.19	35.95	37.39	33.02	31.68
	-0.01	-0.02	-0.05	-0.04	0.01	-0.04	0.10	0.09	0.15	0.03	0.11	-0.01	0.03	-0.12	-0.13	-0.15	-0.14	-0.09	0.00	-0.05	-0.09	0.03	-0.10	-0.12
	0.00	0.00	0.00	0.00	-1.57	-2.96	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OCC_CHEM___DRP 24175	25.04	19.30	24.39	17.66	19.22	24.21	29.95	26.21	21.09	16.27	16.65	23.94	28.97	28.10	27.19	30.03	20.51	21.40	21.87	26.59	33.11	33.79	29.71	29.80
	-1.91	-2.20	-2.65	-2.36	-2.59	-2.70	-2.68	-2.84	-2.46	-2.47	-2.29	-2.08	-2.12	-2.16	-2.15	-2.43	-2.74	-2.74	-2.77	-2.52	-2.92	-2.39	-2.17	-2.00
	0.00	6.30	1.23	6.87	8.20	3.75	0.57	6.49	13.46	13.13	12.46	4.81	0.09	0.18	3.61	1.02	12.86	13.01	14.48	3.12	0.00	1.18	1.25	0.00
OH_GEN_PROXY 24063	25.11	20.06	24.63	18.48	19.35	22.92	30.16	27.18	22.84	17.77	18.10	24.50	29.06	28.24	27.66	30.22	22.14	23.14	23.85	27.13	33.32	34.36	29.47	46.86
	-1.84	-2.14	-2.55	-2.30	-2.52	-2.64	-2.52	-2.64	-2.21	-2.39	-2.22	-2.05	-2.03	-2.03	-2.08	-2.34	-2.53	-2.53	-2.52	-2.33	-2.72	-2.19	-2.03	-1.90
	0.00	5.61	1.09	6.11	8.14	5.09	0.50	5.72	11.97	11.71	11.09	4.28	0.08	0.16	3.21	0.91	11.43	11.49	12.75	2.78	0.00	0.81	1.63	-16.97
OLIN_CORP_DRP 24177	24.96	18.98	24.24	17.36	18.86	24.02	29.74	25.98	20.61	15.70	16.09	23.56	28.66	27.77	26.83	29.63	19.94	21.01	21.49	26.28	32.77	33.48	29.42	29.60
	-1.99	-2.28	-2.76	-2.40	-2.66	-2.79	-2.86	-2.89	-2.44	-2.54	-2.38	-2.27	-2.43	-2.48	-2.37	-2.78	-2.81	-2.74	-2.75	-2.72	-3.26	-2.66	-2.41	-2.20
	0.00	6.54	1.27	7.13	8.49	3.85	0.59	6.67	13.96	13.63	12.94	5.00	0.09	0.18	3.75	1.06	13.35	13.40	14.87	3.24	0.00	1.22	1.30	0.00
OLIN_CORP_DSASP 323712	25.04	19.30	24.39	17.66	19.22	24.21	29.95	26.21	21.09	16.27	16.65	23.94	28.97	28.10	27.19	30.03	20.51	21.40	21.87	26.59	33.11	33.79	29.71	29.80
	-1.91	-2.20	-2.65	-2.36	-2.59	-2.70	-2.68	-2.84	-2.46	-2.47	-2.29	-2.08	-2.12	-2.16	-2.15	-2.43	-2.74	-2.74	-2.77	-2.52	-2.92	-2.39	-2.17	-2.00
	0.00	6.30	1.23	6.87	8.20	3.75	0.57	6.49	13.46	13.13	12.46	4.81	0.09	0.18	3.61	1.02	12.86	13.01	14.48	3.12	0.00	1.18	1.25	0.00
ONEIDA_HERK_LFGE 323681	27.36	28.16	28.66	27.29	30.40	30.84	33.63	35.92	37.36	32.10	31.49	30.93	31.00	30.12	32.47	33.16	35.70	37.02	39.52	32.61	36.19	37.53	33.13	31.80
	0.41	0.35	0.38	0.40	0.40	0.18	0.44	0.38	0.35	0.23	0.08	0.10	-0.18	-0.31	-0.48	-0.32	-0.41	-0.13	0.40	0.37	0.15	0.17	0.01	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ONEIDA___115KV_TB4 55905	27.48	28.33	28.78	27.38	30.57	31.20	33.91	36.29	37.83	32.53	31.99	31.39	31.62	30.66	33.08	33.82	36.41	37.67	40.13	33.00	36.86	38.23	33.80	32.38
	0.53	0.52	0.50	0.49	0.56	0.54	0.72	0.75	0.82	0.61	0.58	0.56	0.44	0.23	0.13	0.35	0.31	0.51	1.01	0.76	0.82	0.87	0.68	0.57
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ONONDAGA_REF_OCCRA 23987	26.80	27.64	28.07	26.71	29.82	30.45	33.00	35.31	36.82	31.75	31.22	30.59	30.86	30.00	32.51	33.02	35.60	36.82	38.92	32.04	35.79	37.16	32.95	31.61
	-0.14	-0.16	-0.20	-0.18	-0.18	-0.21	-0.18	-0.22	-0.19	-0.21	-0.19	-0.25	-0.32	-0.43	-0.44	-0.45	-0.51	-0.33	-0.20	-0.20	-0.24	-0.20	-0.17	-0.19
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ONONDAGA___COGEN 23986	26.75	27.59	28.03	26.65	29.54	29.97	32.90	35.18	36.68	31.54	31.07	30.45	30.73	29.89	32.41	32.90	35.51	36.76	38.78	31.93	35.67	37.05	32.86	31.55
	-0.20	-0.22	-0.25	-0.23	-0.26	-0.28	-0.28	-0.36	-0.33	-0.33	-0.34	-0.39	-0.45	-0.53	-0.54	-0.58	-0.59	-0.40	-0.34	-0.30	-0.36	-0.31	-0.26	-0.25
	0.00	0.00	0.00	0.00	0.22	0.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ONTARIO___LFGE 23819	26.52	30.75	28.27	30.06	32.18	28.75	33.02	38.59	44.24	38.15	37.82	33.05	30.56	29.72	34.26	33.21	42.79	44.16	47.16	33.73	35.76	37.96	33.61	31.57
	-0.43	-0.56	-0.68	-0.65	-0.65	-0.70	-0.48	-0.56	-0.31	-0.58	-0.54	-0.51	-0.67	-0.81	-0.74	-0.84	-0.58	-0.37	-0.16	-0.29	-0.28	-0.07	-0.23	-0.23
	0.00	-3.51	-0.68	-3.82	-2.83	1.21	-0.32	-3.60	-7.53	-6.86	-6.96	-2.73	-0.05	-0.10	-2.05	-0.58	-7.27	-7.38	-8.20	-1.79	0.00	-0.68	-0.72	0.00
ORANGEVILLE_WT_PWR 323706	25.23	4.39	21.64	1.41	2.32	20.02	28.58	11.08	-10.85	-14.55	-13.11	12.35	28.71	27.51	18.37	27.50	-10.03	-9.05	-11.82	19.45	33.58	31.42	26.96	30.00
	-1.72	-2.20	-2.51	-2.36	-2.63	-2.84	-2.71	-2.85	-2.58	-2.74	-2.46	-2.18	-2.16	-2.33	-2.35	-2.53	-2.64	-2.47	-2.39	-2.22	-2.44	-1.97	-1.93	-1.80
	0.00	21.22	4.12	23.12	25.06	7.80	1.90	21.61	45.28	43.69	42.06	16.30	0.31	0.59	12.23	3.45	43.49	43.74	48.55	10.57	0.01	3.98	4.23	0.00
ORANGEVILLE___ESR 323794	25.23	4.39	21.64	1.41	2.32	20.02	28.58	11.08	-10.85	-14.55	-13.11	12.35	28.71	27.51	18.37	27.50	-10.03	-9.05	-11.82	19.45	33.58	31.42	26.96	30.00
	-1.72	-2.20	-2.51	-2.36	-2.63	-2.84	-2.71	-2.85	-2.58	-2.74	-2.46	-2.18	-2.16	-2.33	-2.35	-2.53	-2.64	-2.47	-2.39	-2.22	-2.44	-1.97	-1.93	-1.80
	0.00	21.22	4.12	23.12	25.06	7.80	1.90	21.61	45.28	43.69	42.06	16.30	0.31	0.59	12.23	3.45	43.49	43.74	48.55	10.57	0.01	3.98	4.23	0.00

OSWEGATCHIE___HYD 24044	26.46 -0.49 0.00	27.21 -0.59 0.00	27.75 -0.52 0.00	26.41 -0.48 0.00	29.40 -0.61 0.00	29.85 -0.81 0.00	32.56 -0.63 0.00	34.75 -0.79 0.00	36.14 -0.87 0.00	31.06 -0.81 0.00	30.35 -1.06 0.00	29.58 -1.25 0.00	29.58 -1.59 0.00	28.81 -1.61 0.00	31.29 -1.66 0.00	31.81 -1.66 0.00	34.12 -1.98 0.00	35.43 -1.73 0.00	37.69 -1.43 0.00	31.18 -1.06 0.00	34.54 -1.49 0.00	35.80 -1.56 0.00	31.72 -1.40 0.00	30.59 -1.21 0.00
OSWEGO___5 23606	26.32 -0.63 0.00	27.14 -0.67 0.00	27.57 -0.70 0.00	26.23 -0.67 0.00	29.29 -0.73 0.00	29.90 -0.76 0.00	32.36 -0.83 0.00	34.58 -0.96 0.00	36.05 -0.96 0.00	31.02 -0.86 0.00	30.55 -0.86 0.00	29.96 -0.87 0.00	30.28 -0.90 0.00	29.50 -0.92 0.00	31.97 -0.98 0.00	32.45 -1.02 0.00	35.00 -1.10 0.00	36.12 -1.03 0.00	38.08 -1.04 0.00	31.36 -0.87 0.00	35.05 -0.99 0.00	36.40 -0.96 0.00	32.34 -0.79 0.00	31.05 -0.75 0.00
OSWEGO___6 23613	26.32 -0.63 0.00	27.14 -0.67 0.00	27.57 -0.70 0.00	26.23 -0.67 0.00	29.29 -0.73 0.00	29.90 -0.76 0.00	32.36 -0.83 0.00	34.58 -0.96 0.00	36.05 -0.96 0.00	31.02 -0.86 0.00	30.55 -0.86 0.00	29.96 -0.87 0.00	30.28 -0.90 0.00	29.50 -0.92 0.00	31.97 -0.98 0.00	32.45 -1.02 0.00	35.00 -1.10 0.00	36.12 -1.03 0.00	38.08 -1.04 0.00	31.36 -0.87 0.00	35.05 -0.99 0.00	36.40 -0.96 0.00	32.34 -0.79 0.00	31.05 -0.75 0.00
OUTOKUMPU-AB___DRP 24206	25.72 -1.23 0.00	19.23 -1.54 7.04	24.95 -1.96 1.37	17.53 -1.70 7.66	19.04 -1.90 9.07	24.68 -1.96 4.02	30.72 -1.84 0.63	26.56 -1.81 7.17	20.64 -1.36 15.01	15.64 -1.58 14.65	16.05 -1.44 13.92	24.18 -1.27 5.38	29.71 -1.37 0.10	28.75 -1.48 0.20	27.60 -1.31 4.04	30.69 -1.64 1.14	20.02 -1.72 14.36	21.18 -1.58 14.40	21.69 -1.46 15.98	27.22 -1.54 3.48	34.15 -1.88 0.00	34.78 -1.27 1.31	30.46 -1.27 1.39	30.64 -1.16 0.00
OXBOW___BTM 323836	25.25 -1.70 0.00	19.54 -1.96 6.30	24.62 -2.42 1.23	17.89 -2.13 6.87	19.48 -2.32 8.20	24.43 -2.49 3.75	30.24 -2.38 0.57	26.55 -2.49 6.49	21.56 -1.99 13.46	16.57 -2.17 13.13	16.97 -1.97 12.46	24.21 -1.81 4.81	29.26 -1.83 0.09	28.40 -1.85 0.18	27.48 -1.86 3.61	30.30 -2.15 1.02	20.91 -2.34 12.86	21.79 -2.36 13.01	22.29 -2.35 14.48	26.91 -2.20 3.12	33.43 -2.60 0.00	34.12 -2.06 1.19	30.00 -1.88 1.25	30.06 -1.74 0.00
OXBOW___ 24026	25.25 -1.70 0.00	19.52 -1.98 6.30	24.62 -2.43 1.23	17.87 -2.16 6.87	19.45 -2.35 8.20	24.46 -2.45 3.75	30.24 -2.39 0.57	26.53 -2.52 6.49	21.41 -2.14 13.46	16.54 -2.20 13.13	16.93 -2.01 12.46	24.20 -1.81 4.81	29.24 -1.85 0.09	28.34 -1.91 0.18	27.46 -1.88 3.61	30.30 -2.16 1.02	20.81 -2.44 12.86	21.73 -2.42 13.01	22.21 -2.43 14.48	26.87 -2.24 3.12	33.43 -2.60 0.00	34.11 -2.06 1.18	29.98 -1.89 1.25	30.06 -1.74 0.00
OXY_CHEM_DSASP 323612	25.04 -1.91 0.00	19.30 -2.20 6.30	24.39 -2.65 1.23	17.66 -2.36 6.87	19.22 -2.59 8.20	24.21 -2.70 3.75	29.95 -2.68 0.57	26.21 -2.84 6.49	21.09 -2.46 13.46	16.27 -2.47 13.13	16.65 -2.29 12.46	23.94 -2.08 4.81	28.97 -2.12 0.09	28.10 -2.16 0.18	27.19 -2.15 3.61	30.03 -2.43 1.02	20.51 -2.74 12.86	21.40 -2.74 13.01	21.87 -2.77 14.48	26.59 -2.52 3.12	33.11 -2.92 0.00	33.79 -2.39 1.18	29.71 -2.17 1.25	29.80 -2.00 0.00
OZONE_PARK_ESR 323760	28.40 1.45 0.00	29.36 1.55 0.00	29.84 1.57 0.00	28.39 1.50 0.00	31.62 1.61 0.00	32.28 1.62 0.00	34.95 1.76 0.00	37.45 1.91 0.00	38.96 1.95 0.00	33.66 1.78 0.00	33.34 1.93 0.00	32.95 2.12 0.00	33.43 2.25 0.00	32.69 2.26 0.00	35.47 2.53 0.00	36.05 2.58 0.00	38.90 2.80 0.00	40.06 2.90 0.00	41.94 2.82 0.00	34.51 2.27 0.00	38.49 2.45 0.00	39.54 2.18 0.00	34.90 1.78 0.00	33.39 1.59 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	25.04 -1.91 0.00	19.30 -2.20 6.30	24.39 -2.65 1.23	17.66 -2.36 6.87	19.22 -2.59 8.20	24.21 -2.70 3.75	29.95 -2.68 0.57	26.21 -2.84 6.49	21.09 -2.46 13.46	16.27 -2.47 13.13	16.65 -2.29 12.46	23.94 -2.08 4.81	28.97 -2.12 0.09	28.10 -2.16 0.18	27.19 -2.15 3.61	30.03 -2.43 1.02	20.51 -2.74 12.86	21.40 -2.74 13.01	21.87 -2.77 14.48	26.59 -2.52 3.12	33.11 -2.92 0.00	33.79 -2.39 1.18	29.71 -2.17 1.25	29.80 -2.00 0.00
PACKARD___115KV_DUPONT_184 80571	25.04 -1.91 0.00	19.33 -2.18 6.30	24.40 -2.65 1.23	17.69 -2.34 6.87	19.25 -2.56 8.20	24.17 -2.74 3.75	29.96 -2.66 0.57	26.24 -2.81 6.49	21.24 -2.31 13.46	16.30 -2.44 13.13	16.69 -2.25 12.46	23.94 -2.08 4.81	28.99 -2.09 0.09	28.16 -2.09 0.18	27.21 -2.13 3.61	30.03 -2.43 1.02	20.61 -2.64 12.86	21.46 -2.69 13.01	21.95 -2.69 14.48	26.62 -2.49 3.12	33.11 -2.92 0.00	33.79 -2.39 1.19	29.71 -2.16 1.25	29.80 -2.00 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	28.21 1.26 0.00	29.18 1.37 0.00	29.63 1.35 0.00	28.19 1.30 0.00	31.43 1.42 0.00	32.13 1.47 0.00	34.65 1.46 0.00	37.12 1.59 0.00	38.61 1.60 0.00	33.44 1.57 0.00	33.02 1.61 0.00	32.67 1.84 0.00	33.12 1.94 0.00	32.41 1.98 0.00	35.06 2.11 0.00	35.69 2.22 0.00	38.47 2.37 0.00	39.61 2.46 0.00	41.47 2.35 0.00	34.12 1.89 0.00	38.07 2.04 0.00	39.17 1.81 0.00	34.57 1.44 0.00	33.09 1.29 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	29.07 2.12 0.00	30.05 2.25 0.00	30.52 2.25 0.00	29.07 2.18 0.00	32.42 2.41 0.00	33.20 2.53 0.00	35.84 2.65 0.00	38.18 2.64 0.00	38.84 1.83 0.00	33.56 1.69 0.00	33.15 1.75 0.00	32.81 1.97 0.00	33.26 2.08 0.00	32.55 2.12 0.00	35.20 2.25 0.00	36.00 2.53 0.00	38.84 2.73 0.00	40.02 2.87 0.00	41.89 2.77 0.00	34.47 2.24 0.00	38.45 2.41 0.00	39.52 2.16 0.00	34.88 1.75 0.00	33.40 1.60 0.00
PATROON___115KV_TB1 80586	27.43 0.48 0.00	28.41 0.61 0.00	28.90 0.62 0.00	27.49 0.60 0.00	30.66 0.64 0.00	31.25 0.58 0.00	33.62 0.43 0.00	36.09 0.55 0.00	37.55 0.54 0.00	32.46 0.59 0.00	32.08 0.67 0.00	31.50 0.67 0.00	31.90 0.72 0.00	31.19 0.77 0.00	33.70 0.75 0.00	34.20 0.73 0.00	36.93 0.82 0.00	37.76 0.61 0.00	39.73 0.60 0.00	32.72 0.48 0.00	36.63 0.59 0.00	37.86 0.50 0.00	33.65 0.52 0.00	32.39 0.59 0.00
PATTRSNVILLE___SOLAR 323815	27.63 0.68 0.00	28.54 0.73 0.00	29.02 0.74 0.00	27.60 0.72 0.00	30.80 0.79 0.00	31.48 0.82 0.00	34.15 0.96 0.00	36.61 1.07 0.00	38.06 1.05 0.00	32.78 0.91 0.00	32.18 0.77 0.00	31.40 0.57 0.00	31.90 0.72 0.00	31.33 0.90 0.00	33.93 0.97 0.00	34.38 0.91 0.00	37.14 1.03 0.00	38.10 0.94 0.00	39.98 0.86 0.00	33.17 0.93 0.00	37.19 1.16 0.00	38.49 1.13 0.00	34.05 0.92 0.00	32.67 0.87 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	25.39 -1.56 0.00	18.57 -1.78 7.46	24.57 -2.25 1.45	16.77 -1.99 8.13	18.15 -2.16 9.70	23.93 -2.32 4.41	30.41 -2.10 0.67	25.82 -2.11 7.61	19.39 -1.69 15.93	14.40 -1.92 15.56	14.98 -1.67 14.76	23.62 -1.50 5.70	29.50 -1.57 0.11	28.57 -1.66 0.21	27.09 -1.58 4.28	30.42 -1.84 1.21	18.97 -1.90 15.23	19.97 -1.88 15.31	20.36 -1.77 16.99	26.78 -1.75 3.70	33.95 -2.08 0.00	34.40 -1.56 1.40	30.08 -1.56 1.48	30.28 -1.52 0.00

PAWLING_115_KV_BK3_REV_LBMP_H 345028	28.18 1.23 0.00	29.15 1.34 0.00	29.65 1.38 0.00	28.22 1.33 0.00	31.45 1.44 0.00	32.11 1.45 0.00	34.75 1.56 0.00	37.26 1.72 0.00	38.78 1.77 0.00	33.49 1.62 0.00	33.16 1.76 0.00	32.68 1.85 0.00	33.11 1.94 0.00	32.42 1.99 0.00	35.12 2.17 0.00	35.69 2.22 0.00	38.52 2.41 0.00	39.62 2.46 0.00	41.54 2.42 0.00	34.21 1.97 0.00	38.23 2.20 0.00	39.34 1.98 0.00	34.74 1.62 0.00	33.25 1.44 0.00
PEEKSKILL____ 23653	28.02 1.07 0.00	28.98 1.17 0.00	29.49 1.21 0.00	28.06 1.17 0.00	31.26 1.25 0.00	31.93 1.26 0.00	34.51 1.32 0.00	36.97 1.43 0.00	38.43 1.42 0.00	33.22 1.34 0.00	32.90 1.49 0.00	32.48 1.65 0.00	32.91 1.73 0.00	32.19 1.76 0.00	34.92 1.97 0.00	35.49 2.02 0.00	38.27 2.17 0.00	39.37 2.22 0.00	41.26 2.14 0.00	33.97 1.74 0.00	37.95 1.91 0.00	39.03 1.67 0.00	34.48 1.36 0.00	33.02 1.21 0.00
PGE MADISON__WINDPWR 24146	28.19 1.24 0.00	30.37 1.44 -1.12	29.95 1.46 -0.22	29.41 1.30 -1.23	33.22 1.70 -1.51	33.34 1.93 -0.75	35.91 2.61 -0.11	39.54 2.77 -1.23	41.94 2.35 -2.58	36.40 1.62 -2.90	35.04 1.24 -2.38	32.95 1.19 -0.92	32.32 1.13 -0.02	30.95 0.49 -0.03	33.96 0.32 -0.69	33.87 0.22 -0.18	38.63 0.23 -2.29	39.38 -0.09 -2.32	43.05 1.35 -2.57	34.97 2.17 -0.56	38.80 2.76 0.00	40.62 3.05 -0.21	35.68 2.33 -0.23	33.94 2.14 0.00
PIERCEFIELD____HYD 23852	26.51 -0.44 0.00	27.27 -0.54 0.00	27.79 -0.48 0.00	26.41 -0.48 0.00	29.45 -0.56 0.00	30.16 -0.50 0.00	32.88 -0.31 0.00	35.20 -0.33 0.00	36.62 -0.39 0.00	31.46 -0.41 0.00	30.80 -0.61 0.00	29.85 -0.98 0.00	30.02 -1.16 0.00	29.36 -1.07 0.00	31.98 -0.96 0.00	32.44 -1.03 0.00	34.84 -1.27 0.00	35.86 -1.30 0.00	37.89 -1.23 0.00	31.30 -0.93 0.00	34.86 -1.17 0.00	36.10 -1.25 0.00	32.10 -1.02 0.00	30.99 -0.81 0.00
PINELAWN_CC_I 323563	28.53 1.58 0.00	29.43 1.62 0.00	31.84 1.74 -1.82	28.57 1.67 -0.01	31.80 1.79 0.00	32.46 1.79 -0.01	47.96 1.91 -12.87	53.36 2.04 -15.77	54.41 1.93 -15.47	35.58 1.82 -1.89	33.18 1.77 0.00	32.69 1.85 0.00	33.27 2.10 0.00	32.30 1.87 0.00	35.10 2.15 0.00	35.76 2.29 0.00	38.75 2.64 0.00	39.73 2.57 0.00	41.55 2.43 0.00	34.29 2.06 0.00	38.46 2.43 0.00	39.58 2.22 0.00	35.08 1.96 0.00	33.64 1.83 0.00
PJM_GEN_HTP_PROXY 323702	28.18 1.24 0.00	29.14 1.33 0.00	29.64 1.36 0.00	28.20 1.30 0.00	31.40 1.39 0.00	32.08 1.42 0.00	34.68 1.49 0.00	37.14 1.60 0.00	38.76 1.58 -0.17	33.37 1.50 0.00	33.06 1.66 0.00	32.70 1.87 0.00	33.09 1.98 0.06	32.42 1.99 0.00	35.19 2.24 0.00	35.75 2.28 0.00	38.57 2.47 0.00	39.70 2.55 0.00	41.57 2.45 0.00	34.18 1.94 0.00	38.13 2.09 0.00	39.15 1.79 0.00	34.57 1.45 0.00	33.09 1.29 0.00
PJM_GEN_KEystone 24065	26.59 -0.36 0.00	25.42 -0.37 2.03	27.38 -0.50 0.40	24.28 -0.40 2.21	26.45 -0.45 3.11	27.96 -0.60 2.10	32.52 -0.48 0.18	32.90 -0.56 2.08	32.48 -0.36 4.17	27.03 -0.49 4.35	27.18 -0.24 3.99	29.29 -0.01 1.54	31.13 0.05 0.09	30.40 0.03 0.06	31.94 0.14 1.15	33.21 0.06 0.33	32.11 0.11 4.11	33.09 0.12 4.19	34.55 0.08 4.65	31.19 -0.03 1.01	35.91 -0.12 0.00	36.89 -0.09 0.38	32.44 -0.28 0.41	31.47 -0.33 0.00
PJM_GEN_NEPTUNE_PROXY 323594	28.21 1.26 0.00	29.12 1.32 0.00	31.27 1.45 -1.55	28.30 1.40 -0.01	31.49 1.48 0.00	32.15 1.48 -0.01	45.61 1.54 -10.88	50.50 1.62 -13.34	51.80 1.52 -13.26	34.98 1.51 -1.60	32.98 1.57 0.00	32.51 1.68 0.00	33.00 1.88 0.06	32.16 1.73 0.00	34.96 2.02 0.00	35.59 2.12 0.00	38.40 2.30 0.00	39.40 2.24 0.00	41.19 2.07 0.00	33.98 1.75 0.00	38.05 2.02 0.00	39.15 1.79 0.00	34.71 1.59 0.00	33.28 1.48 0.00
PJM_GEN_VFT_PROXY 323633	28.06 1.12 0.00	29.03 1.22 0.00	29.53 1.25 0.00	28.09 1.20 0.00	31.29 1.28 0.00	31.95 1.29 0.00	34.54 1.35 0.00	36.96 1.42 0.00	38.59 1.41 -0.17	33.22 1.35 0.00	32.91 1.51 0.00	32.56 1.73 0.00	32.96 1.85 0.06	32.30 1.87 0.00	35.06 2.11 0.00	35.62 2.14 0.00	38.42 2.32 0.00	39.54 2.39 0.00	41.41 2.29 0.00	34.09 1.86 0.00	38.03 2.00 0.00	39.04 1.68 0.00	34.46 1.33 0.00	32.98 1.18 0.00
PLATSBURG_115KV_PMLD1 355749	27.18 0.23 0.00	27.95 0.14 0.00	28.42 0.15 0.00	27.04 0.15 0.00	30.19 0.18 0.00	31.11 0.45 0.00	33.72 0.53 0.00	36.18 0.64 0.00	37.67 0.66 0.00	32.44 0.57 0.00	31.84 0.43 0.00	31.16 0.32 0.00	31.38 0.20 0.00	30.67 0.24 0.00	33.28 0.33 0.00	33.88 0.40 0.00	36.68 0.58 0.00	37.65 0.49 0.00	39.64 0.52 0.00	32.59 0.35 0.00	36.46 0.43 0.00	37.70 0.34 0.00	33.42 0.29 0.00	32.17 0.37 0.00
PLEASANTVLY____LBMP 24000	27.84 0.89 0.00	28.82 1.01 0.00	29.34 1.07 0.00	27.92 1.04 0.00	31.10 1.09 0.00	31.74 1.08 0.00	34.28 1.09 0.00	36.75 1.21 0.00	38.24 1.23 0.00	33.04 1.16 0.00	32.74 1.34 0.00	32.29 1.46 0.00	32.74 1.56 0.00	32.01 1.58 0.00	34.67 1.72 0.00	35.21 1.73 0.00	37.96 1.86 0.00	39.02 1.87 0.00	40.92 1.80 0.00	33.71 1.47 0.00	37.66 1.63 0.00	38.79 1.43 0.00	34.31 1.19 0.00	32.88 1.08 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	28.10 1.15 0.00	29.08 1.28 0.00	29.59 1.32 0.00	28.16 1.27 0.00	31.37 1.36 0.00	32.01 1.35 0.00	34.61 1.43 0.00	37.08 1.54 0.00	38.58 1.57 0.00	33.35 1.48 0.00	33.03 1.62 0.00	32.60 1.77 0.00	33.06 1.89 0.00	32.33 1.91 0.00	35.08 2.13 0.00	35.64 2.17 0.00	38.44 2.34 0.00	39.52 2.37 0.00	41.41 2.29 0.00	34.11 1.87 0.00	38.07 2.04 0.00	39.15 1.79 0.00	34.61 1.49 0.00	33.13 1.33 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	28.10 1.15 0.00	29.08 1.28 0.00	29.59 1.32 0.00	28.16 1.27 0.00	31.37 1.36 0.00	32.01 1.35 0.00	34.61 1.43 0.00	37.08 1.54 0.00	38.58 1.57 0.00	33.35 1.48 0.00	33.03 1.62 0.00	32.60 1.77 0.00	33.06 1.89 0.00	32.33 1.91 0.00	35.08 2.13 0.00	35.64 2.17 0.00	38.44 2.34 0.00	39.52 2.37 0.00	41.41 2.29 0.00	34.11 1.87 0.00	38.07 2.04 0.00	39.15 1.79 0.00	34.61 1.49 0.00	33.13 1.33 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	28.06 1.11 0.00	29.04 1.23 0.00	29.54 1.27 0.00	28.12 1.22 0.00	31.33 1.32 0.00	31.98 1.32 0.00	34.57 1.38 0.00	37.11 1.57 0.00	38.62 1.61 0.00	33.34 1.47 0.00	33.00 1.59 0.00	32.47 1.63 0.00	32.91 1.74 0.00	32.20 1.77 0.00	34.85 1.90 0.00	35.44 1.96 0.00	38.23 2.13 0.00	39.32 2.16 0.00	41.26 2.13 0.00	33.97 1.73 0.00	37.98 1.95 0.00	39.14 1.78 0.00	34.60 1.47 0.00	33.13 1.33 0.00
POLETTI____ 23519	28.18 1.23 0.00	29.13 1.33 0.00	29.63 1.35 0.00	28.19 1.30 0.00	31.39 1.39 0.00	32.05 1.38 0.00	34.65 1.46 0.00	37.10 1.56 0.00	38.59 1.58 0.00	33.37 1.50 0.00	33.06 1.65 0.00	32.69 1.86 0.00	33.15 1.97 0.00	32.42 1.99 0.00	35.17 2.22 0.00	35.73 2.26 0.00	38.55 2.45 0.00	39.66 2.51 0.00	41.53 2.41 0.00	34.16 1.93 0.00	38.10 2.07 0.00	39.15 1.79 0.00	34.57 1.45 0.00	33.09 1.29 0.00

POMONA___ESR 323819	28.01 1.06 0.00	28.97 1.16 0.00	29.50 1.22 0.00	28.08 1.19 0.00	31.28 1.28 0.00	31.94 1.27 0.00	34.60 1.41 0.00	37.03 1.50 0.00	38.52 1.50 0.00	33.30 1.42 0.00	32.96 1.55 0.00	32.55 1.72 0.00	33.02 1.85 0.00	32.27 1.84 0.00	35.01 2.06 0.00	35.59 2.12 0.00	38.37 2.27 0.00	39.40 2.24 0.00	41.22 2.10 0.00	33.98 1.74 0.00	37.95 1.91 0.00	39.01 1.65 0.00	34.44 1.32 0.00	32.95 1.15 0.00
PORT_JEFF_3 23555	28.63 1.68 0.00	29.51 1.70 0.00	31.71 1.80 -1.64	28.63 1.73 -0.01	31.86 1.85 0.00	32.51 1.84 -0.01	46.69 1.91 -11.59	51.77 2.01 -14.22	52.78 1.83 -13.94	35.43 1.85 -1.70	33.20 1.79 0.00	32.65 1.82 0.00	33.22 2.04 0.00	32.17 1.75 0.00	34.95 2.00 0.00	35.60 2.13 0.00	38.38 2.28 0.00	39.32 2.16 0.00	41.04 1.92 0.00	33.94 1.71 0.00	38.17 2.14 0.00	39.34 1.98 0.00	34.99 1.86 0.00	33.61 1.81 0.00
PORT_JEFF_4 23616	28.63 1.68 0.00	29.51 1.70 0.00	31.71 1.80 -1.64	28.63 1.73 -0.01	31.86 1.85 0.00	32.51 1.84 -0.01	46.69 1.91 -11.59	51.77 2.01 -14.22	52.78 1.83 -13.94	35.43 1.85 -1.70	33.20 1.79 0.00	32.65 1.82 0.00	33.22 2.04 0.00	32.17 1.75 0.00	34.95 2.00 0.00	35.60 2.13 0.00	38.38 2.28 0.00	39.32 2.16 0.00	41.04 1.92 0.00	33.94 1.71 0.00	38.17 2.14 0.00	39.34 1.98 0.00	34.99 1.86 0.00	33.61 1.81 0.00
PORT_JEFF_IC 23713	28.65 1.70 0.00	29.53 1.72 0.00	31.74 1.82 -1.65	28.65 1.75 -0.01	31.89 1.88 0.00	32.52 1.86 -0.01	46.77 1.94 -11.64	51.86 2.05 -14.27	52.89 1.88 -14.00	35.47 1.89 -1.71	33.23 1.82 0.00	32.66 1.83 0.00	33.25 2.08 0.00	32.22 1.79 0.00	34.99 2.04 0.00	35.64 2.16 0.00	38.44 2.34 0.00	39.40 2.25 0.00	41.16 2.04 0.00	34.02 1.78 0.00	38.24 2.21 0.00	39.41 2.05 0.00	35.03 1.91 0.00	33.64 1.84 0.00
PPL PILGRIM_ST_GT1 24216	28.68 1.73 0.00	29.56 1.75 0.00	31.81 1.86 -1.68	28.69 1.80 -0.01	31.94 1.93 0.00	32.60 1.93 -0.01	47.07 2.05 -11.83	52.22 2.17 -14.51	53.23 1.99 -14.23	35.55 1.95 -1.74	33.32 1.91 0.00	32.79 1.96 0.00	33.37 2.19 0.00	32.37 1.94 0.00	35.20 2.25 0.00	35.86 2.39 0.00	38.74 2.64 0.00	39.74 2.59 0.00	41.51 2.39 0.00	34.28 2.04 0.00	38.48 2.45 0.00	39.63 2.27 0.00	35.16 2.04 0.00	33.76 1.96 0.00
PPL PILGRIM_ST_GT2 24217	28.68 1.73 0.00	29.56 1.75 0.00	31.81 1.86 -1.68	28.69 1.80 -0.01	31.94 1.93 0.00	32.60 1.93 -0.01	47.07 2.05 -11.83	52.22 2.17 -14.51	53.23 1.99 -14.23	35.55 1.95 -1.74	33.32 1.91 0.00	32.79 1.96 0.00	33.37 2.19 0.00	32.37 1.94 0.00	35.20 2.25 0.00	35.86 2.39 0.00	38.74 2.64 0.00	39.74 2.59 0.00	41.51 2.39 0.00	34.28 2.04 0.00	38.48 2.45 0.00	39.63 2.27 0.00	35.16 2.04 0.00	33.76 1.96 0.00
PPL_SHRM_GT3 24213	28.82 1.87 0.00	29.69 1.88 0.00	31.89 1.97 -1.65	28.80 1.90 -0.01	32.06 2.05 0.00	32.72 2.05 -0.01	46.94 2.14 -11.61	52.04 2.26 -14.25	53.04 2.06 -13.97	35.65 2.07 -1.70	33.33 1.92 0.00	32.76 1.93 0.00	33.31 2.14 0.00	32.31 1.88 0.00	35.09 2.14 0.00	35.80 2.33 0.00	38.69 2.58 0.00	39.68 2.53 0.00	41.33 2.21 0.00	34.11 1.87 0.00	38.33 2.30 0.00	39.51 2.15 0.00	35.08 1.96 0.00	33.69 1.89 0.00
PPL_SHRM_GT4 24214	28.82 1.87 0.00	29.69 1.88 0.00	31.89 1.97 -1.65	28.80 1.90 -0.01	32.06 2.05 0.00	32.72 2.05 -0.01	46.94 2.14 -11.61	52.04 2.26 -14.25	53.04 2.06 -13.97	35.65 2.07 -1.70	33.33 1.92 0.00	32.76 1.93 0.00	33.31 2.14 0.00	32.31 1.88 0.00	35.09 2.14 0.00	35.80 2.33 0.00	38.69 2.58 0.00	39.68 2.53 0.00	41.33 2.21 0.00	34.11 1.87 0.00	38.33 2.30 0.00	39.51 2.15 0.00	35.08 1.96 0.00	33.69 1.89 0.00
PROJECT___ORANGE 1 24174	26.67 -0.28 0.00	27.50 -0.31 0.00	27.92 -0.35 0.00	26.56 -0.34 0.00	29.67 -0.35 0.00	30.28 -0.38 0.00	32.81 -0.37 0.00	35.10 -0.44 0.00	36.61 -0.41 0.00	31.50 -0.38 0.00	31.03 -0.37 0.00	30.43 -0.40 0.00	30.71 -0.46 0.00	29.89 -0.53 0.00	32.38 -0.57 0.00	32.88 -0.59 0.00	35.46 -0.65 0.00	36.67 -0.49 0.00	38.70 -0.42 0.00	31.85 -0.39 0.00	35.58 -0.46 0.00	36.95 -0.41 0.00	32.78 -0.35 0.00	31.45 -0.35 0.00
PROJECT___ORANGE 2 24166	26.67 -0.28 0.00	27.50 -0.31 0.00	27.92 -0.35 0.00	26.56 -0.34 0.00	29.67 -0.35 0.00	30.28 -0.38 0.00	32.81 -0.37 0.00	35.10 -0.44 0.00	36.61 -0.41 0.00	31.50 -0.38 0.00	31.03 -0.37 0.00	30.43 -0.40 0.00	30.71 -0.46 0.00	29.89 -0.53 0.00	32.38 -0.57 0.00	32.88 -0.59 0.00	35.46 -0.65 0.00	36.67 -0.49 0.00	38.70 -0.42 0.00	31.85 -0.39 0.00	35.58 -0.46 0.00	36.95 -0.41 0.00	32.78 -0.35 0.00	31.45 -0.35 0.00
PUCKETT___SOLAR 323809	27.18 0.23 0.00	28.08 0.27 0.00	28.54 0.27 0.00	27.13 0.24 0.00	31.48 0.34 -1.12	33.17 0.39 -2.12	33.89 0.70 0.00	36.31 0.77 0.00	37.71 0.70 0.00	32.29 0.41 0.00	31.76 0.35 0.00	31.17 0.34 0.00	31.61 0.43 0.00	30.63 0.21 0.00	32.90 -0.05 0.00	33.49 0.02 0.00	36.10 -0.01 0.00	37.15 0.00 0.00	39.35 0.23 0.00	32.62 0.38 0.00	36.53 0.50 0.00	38.08 0.73 0.00	33.61 0.48 0.00	32.20 0.40 0.00
PYRITES___HYD 24023	27.06 0.11 0.00	27.82 0.01 0.00	28.35 0.07 0.00	26.94 0.05 0.00	30.05 0.04 0.00	30.84 0.18 0.00	33.67 0.48 0.00	36.08 0.54 0.00	37.50 0.49 0.00	32.18 0.31 0.00	31.52 0.11 0.00	30.63 -0.21 0.00	30.78 -0.40 0.00	30.04 -0.38 0.00	32.74 -0.20 0.00	33.11 -0.36 0.00	35.69 -0.41 0.00	36.80 -0.35 0.00	38.95 -0.17 0.00	32.24 0.00 0.00	35.91 -0.12 0.00	37.19 -0.17 0.00	32.98 -0.15 0.00	31.76 -0.04 0.00
QUAKERRD_115KV_BK1 80622	25.74 -1.21 0.00	26.42 -1.39 0.00	26.73 -1.55 0.00	25.44 -1.45 0.00	27.76 -1.57 0.68	27.82 -1.56 1.29	31.68 -1.51 0.00	33.94 -1.60 0.00	35.53 -1.48 0.00	30.23 -1.50 0.15	29.88 -1.53 0.00	29.42 -1.41 0.00	29.78 -1.40 0.00	28.99 -1.43 0.00	31.51 -1.44 0.00	31.96 -1.51 0.00	34.37 -1.74 0.00	35.49 -1.67 0.00	37.47 -1.65 0.00	30.83 -1.41 0.00	34.46 -1.58 0.00	35.95 -1.41 0.00	31.84 -1.29 0.00	30.54 -1.26 0.00
QUENSBRY_115KV_TB8 356137	28.20 1.25 0.00	29.26 1.46 0.00	29.74 1.46 0.00	28.44 1.55 0.00	31.69 1.68 0.00	32.65 1.99 0.00	35.25 2.07 0.00	37.99 2.46 0.00	39.61 2.60 0.00	34.21 2.34 0.00	33.52 2.12 0.00	32.69 1.85 0.00	32.79 1.62 0.00	31.97 1.55 0.00	34.68 1.73 0.00	35.24 1.76 0.00	38.15 2.05 0.00	39.29 2.14 0.00	41.38 2.26 0.00	34.03 1.80 0.00	38.24 2.20 0.00	39.43 2.07 0.00	34.66 1.54 0.00	33.34 1.54 0.00
RAMAPO___LBMP 323565	27.91 0.96 0.00	28.87 1.07 0.00	29.40 1.13 0.00	27.99 1.10 0.00	31.35 1.18 -0.16	32.12 1.16 -0.30	34.40 1.21 0.00	36.81 1.27 0.00	38.29 1.28 0.00	33.08 1.21 0.00	32.75 1.35 0.00	32.34 1.51 0.00	32.79 1.62 0.00	32.07 1.64 0.00	34.75 1.80 0.00	35.32 1.85 0.00	38.08 1.98 0.00	39.18 2.02 0.00	41.04 1.92 0.00	33.83 1.59 0.00	37.79 1.75 0.00	38.85 1.49 0.00	34.30 1.18 0.00	32.82 1.02 0.00

RANKINE____ 23646	25.44 -1.51 0.00	17.77 -1.84 8.20	24.44 -2.24 1.59	15.94 -2.02 8.93	17.30 -2.25 10.46	23.84 -2.34 4.49	30.30 -2.15 0.73	24.96 -2.23 8.36	17.68 -1.83 17.50	12.80 -2.03 17.05	13.39 -1.79 16.22	23.00 -1.56 6.27	29.46 -1.60 0.12	28.49 -1.71 0.23	26.63 -1.62 4.71	30.23 -1.91 1.33	17.30 -2.05 16.75	18.41 -1.97 16.77	18.59 -1.91 18.61	26.37 -1.81 4.05	33.91 -2.12 0.00	34.26 -1.57 1.53	29.95 -1.55 1.62	30.34 -1.46 0.00
RAVENSWOOD_GT2_1 24244	28.18 1.23 0.00	29.13 1.33 0.00	29.63 1.35 0.00	28.20 1.30 0.00	31.40 1.39 0.00	32.05 1.39 0.00	34.65 1.47 0.00	37.10 1.56 0.00	38.60 1.59 0.00	33.37 1.50 0.00	33.06 1.66 0.00	32.69 1.86 0.00	33.15 1.97 0.00	32.43 2.00 0.00	35.17 2.22 0.00	35.74 2.26 0.00	38.56 2.46 0.00	39.66 2.51 0.00	41.54 2.42 0.00	34.17 1.93 0.00	38.11 2.07 0.00	39.15 1.79 0.00	34.58 1.46 0.00	33.10 1.29 0.00
RAVENSWOOD_GT2_2 24245	28.18 1.23 0.00	29.13 1.33 0.00	29.63 1.35 0.00	28.20 1.30 0.00	31.40 1.39 0.00	32.05 1.39 0.00	34.65 1.47 0.00	37.10 1.56 0.00	38.60 1.59 0.00	33.37 1.50 0.00	33.06 1.66 0.00	32.69 1.86 0.00	33.15 1.97 0.00	32.43 2.00 0.00	35.17 2.22 0.00	35.74 2.26 0.00	38.56 2.46 0.00	39.66 2.51 0.00	41.54 2.42 0.00	34.17 1.93 0.00	38.11 2.07 0.00	39.15 1.79 0.00	34.58 1.46 0.00	33.10 1.29 0.00
RAVENSWOOD_GT2_3 24246	28.19 1.24 0.00	29.15 1.34 0.00	29.64 1.37 0.00	28.21 1.31 0.00	31.41 1.40 0.00	32.06 1.40 0.00	34.67 1.48 0.00	37.12 1.58 0.00	38.61 1.60 0.00	33.39 1.52 0.00	33.08 1.67 0.00	32.71 1.88 0.00	33.16 1.99 0.00	32.45 2.02 0.00	35.20 2.25 0.00	35.76 2.28 0.00	38.57 2.47 0.00	39.69 2.54 0.00	41.56 2.44 0.00	34.18 1.95 0.00	38.13 2.10 0.00	39.16 1.80 0.00	34.60 1.48 0.00	33.11 1.31 0.00
RAVENSWOOD_GT2_4 24247	28.19 1.24 0.00	29.15 1.34 0.00	29.64 1.37 0.00	28.21 1.31 0.00	31.41 1.40 0.00	32.06 1.40 0.00	34.67 1.48 0.00	37.12 1.58 0.00	38.61 1.60 0.00	33.39 1.52 0.00	33.08 1.67 0.00	32.71 1.88 0.00	33.16 1.99 0.00	32.45 2.02 0.00	35.20 2.25 0.00	35.76 2.28 0.00	38.57 2.47 0.00	39.69 2.54 0.00	41.56 2.44 0.00	34.18 1.95 0.00	38.13 2.10 0.00	39.16 1.80 0.00	34.60 1.48 0.00	33.11 1.31 0.00
RAVENSWOOD_GT3_1 24248	28.18 1.23 0.00	29.15 1.34 0.00	29.63 1.36 0.00	28.20 1.30 0.00	31.40 1.39 0.00	32.06 1.40 0.00	34.66 1.48 0.00	37.12 1.58 0.00	38.61 1.60 0.00	33.38 1.51 0.00	33.08 1.67 0.00	32.69 1.86 0.00	33.16 1.99 0.00	32.44 2.01 0.00	35.18 2.23 0.00	35.75 2.28 0.00	38.57 2.46 0.00	39.68 2.53 0.00	41.56 2.43 0.00	34.18 1.94 0.00	38.12 2.09 0.00	39.16 1.80 0.00	34.59 1.47 0.00	33.11 1.30 0.00
RAVENSWOOD_GT3_2 24249	28.18 1.23 0.00	29.15 1.34 0.00	29.63 1.36 0.00	28.20 1.30 0.00	31.40 1.39 0.00	32.06 1.40 0.00	34.66 1.48 0.00	37.12 1.58 0.00	38.61 1.60 0.00	33.38 1.51 0.00	33.08 1.67 0.00	32.69 1.86 0.00	33.16 1.99 0.00	32.44 2.01 0.00	35.18 2.23 0.00	35.75 2.28 0.00	38.57 2.46 0.00	39.68 2.53 0.00	41.56 2.43 0.00	34.18 1.94 0.00	38.12 2.09 0.00	39.16 1.80 0.00	34.59 1.47 0.00	33.11 1.30 0.00
RAVENSWOOD_GT3_3 24250	28.22 1.27 0.00	29.18 1.37 0.00	29.67 1.39 0.00	28.23 1.34 0.00	31.44 1.43 0.00	32.10 1.44 0.00	34.71 1.53 0.00	37.17 1.63 0.00	38.67 1.66 0.00	33.44 1.57 0.00	33.12 1.71 0.00	32.75 1.92 0.00	33.21 2.04 0.00	32.49 2.06 0.00	35.24 2.29 0.00	35.80 2.34 0.00	38.63 2.53 0.00	39.74 2.59 0.00	41.62 2.51 0.00	34.23 2.00 0.00	38.18 2.15 0.00	39.23 1.87 0.00	34.64 1.52 0.00	33.15 1.35 0.00
RAVENSWOOD_GT3_4 24251	28.22 1.27 0.00	29.18 1.37 0.00	29.67 1.39 0.00	28.23 1.34 0.00	31.44 1.43 0.00	32.10 1.44 0.00	34.71 1.53 0.00	37.17 1.63 0.00	38.67 1.66 0.00	33.44 1.57 0.00	33.12 1.71 0.00	32.75 1.92 0.00	33.21 2.04 0.00	32.49 2.06 0.00	35.24 2.29 0.00	35.80 2.34 0.00	38.63 2.53 0.00	39.74 2.59 0.00	41.62 2.51 0.00	34.23 2.00 0.00	38.18 2.15 0.00	39.23 1.87 0.00	34.64 1.52 0.00	33.15 1.35 0.00
RAVENSWOOD_GT_1 23729	28.24 1.29 0.00	29.21 1.40 0.00	29.68 1.41 0.00	28.24 1.35 0.00	31.45 1.44 0.00	32.11 1.45 0.00	34.70 1.52 0.00	37.17 1.63 0.00	38.69 1.68 0.00	33.47 1.60 0.00	33.14 1.73 0.00	32.78 1.95 0.00	33.24 2.07 0.00	32.52 2.09 0.00	35.25 2.30 0.00	35.83 2.36 0.00	38.64 2.54 0.00	39.76 2.61 0.00	41.61 2.49 0.00	34.19 1.95 0.00	38.14 2.10 0.00	39.20 1.85 0.00	34.61 1.49 0.00	33.12 1.32 0.00
RAVENSWOOD_GT_10 24258	28.18 1.23 0.00	29.13 1.33 0.00	29.63 1.35 0.00	28.19 1.30 0.00	31.40 1.39 0.00	32.05 1.39 0.00	34.65 1.46 0.00	37.10 1.56 0.00	38.59 1.58 0.00	33.37 1.50 0.00	33.06 1.65 0.00	32.69 1.86 0.00	33.15 1.97 0.00	32.42 2.00 0.00	35.17 2.22 0.00	35.74 2.26 0.00	38.56 2.45 0.00	39.66 2.51 0.00	41.54 2.42 0.00	34.17 1.93 0.00	38.11 2.08 0.00	39.15 1.79 0.00	34.58 1.46 0.00	33.09 1.29 0.00
RAVENSWOOD_GT_11 24259	28.18 1.23 0.00	29.13 1.33 0.00	29.63 1.35 0.00	28.19 1.30 0.00	31.40 1.39 0.00	32.05 1.39 0.00	34.65 1.46 0.00	37.10 1.56 0.00	38.59 1.58 0.00	33.37 1.50 0.00	33.06 1.65 0.00	32.69 1.86 0.00	33.15 1.97 0.00	32.42 2.00 0.00	35.17 2.22 0.00	35.74 2.26 0.00	38.56 2.45 0.00	39.66 2.51 0.00	41.54 2.42 0.00	34.17 1.93 0.00	38.11 2.08 0.00	39.15 1.79 0.00	34.58 1.46 0.00	33.09 1.29 0.00
RAVENSWOOD_GT_4 24252	28.19 1.24 0.00	29.15 1.34 0.00	29.63 1.36 0.00	28.20 1.31 0.00	31.40 1.39 0.00	32.06 1.40 0.00	34.66 1.47 0.00	37.11 1.57 0.00	38.61 1.60 0.00	33.39 1.52 0.00	33.07 1.67 0.00	32.70 1.87 0.00	33.16 1.98 0.00	32.45 2.02 0.00	35.19 2.23 0.00	35.76 2.28 0.00	38.57 2.46 0.00	39.68 2.53 0.00	41.55 2.43 0.00	34.16 1.93 0.00	38.11 2.07 0.00	39.15 1.79 0.00	34.58 1.46 0.00	33.10 1.30 0.00
RAVENSWOOD_GT_5 24254	28.19 1.24 0.00	29.15 1.34 0.00	29.63 1.36 0.00	28.20 1.31 0.00	31.40 1.39 0.00	32.06 1.40 0.00	34.66 1.47 0.00	37.11 1.57 0.00	38.61 1.60 0.00	33.39 1.52 0.00	33.07 1.67 0.00	32.70 1.87 0.00	33.16 1.98 0.00	32.45 2.02 0.00	35.19 2.23 0.00	35.76 2.28 0.00	38.57 2.46 0.00	39.68 2.53 0.00	41.55 2.43 0.00	34.16 1.93 0.00	38.11 2.07 0.00	39.15 1.79 0.00	34.58 1.46 0.00	33.10 1.30 0.00
RAVENSWOOD_GT_6 24253	28.19 1.24 0.00	29.15 1.34 0.00	29.63 1.36 0.00	28.20 1.31 0.00	31.40 1.39 0.00	32.06 1.40 0.00	34.66 1.47 0.00	37.11 1.57 0.00	38.61 1.60 0.00	33.39 1.52 0.00	33.07 1.67 0.00	32.70 1.87 0.00	33.16 1.98 0.00	32.45 2.02 0.00	35.19 2.23 0.00	35.76 2.28 0.00	38.57 2.46 0.00	39.68 2.53 0.00	41.55 2.43 0.00	34.16 1.93 0.00	38.11 2.07 0.00	39.15 1.79 0.00	34.58 1.46 0.00	33.10 1.30 0.00

RAVENSWOOD_GT_7 24255	28.19 1.24 0.00	29.15 1.34 0.00	29.63 1.36 0.00	28.20 1.31 0.00	31.40 1.39 0.00	32.06 1.40 0.00	34.66 1.47 0.00	37.11 1.57 0.00	38.61 1.60 0.00	33.39 1.52 0.00	33.07 1.67 0.00	32.70 1.87 0.00	33.16 1.98 0.00	32.45 2.02 0.00	35.19 2.23 0.00	35.76 2.28 0.00	38.57 2.46 0.00	39.68 2.53 0.00	41.55 2.43 0.00	34.16 1.93 0.00	38.11 2.07 0.00	39.15 1.79 0.00	34.58 1.46 0.00	33.10 1.30 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	28.18 1.23 0.00	29.13 1.33 0.00	29.63 1.35 0.00	28.19 1.30 0.00	31.40 1.39 0.00	32.05 1.39 0.00	34.65 1.46 0.00	37.10 1.56 0.00	38.59 1.58 0.00	33.37 1.50 0.00	33.06 1.65 0.00	32.69 1.86 0.00	33.15 1.97 0.00	32.42 2.00 0.00	35.17 2.22 0.00	35.74 2.26 0.00	38.56 2.45 0.00	39.66 2.51 0.00	41.54 2.42 0.00	34.17 1.93 0.00	38.11 2.08 0.00	39.15 1.79 0.00	34.58 1.46 0.00	33.09 1.29 0.00
RAVENSWOOD_GT_9 24257	28.18 1.23 0.00	29.13 1.33 0.00	29.63 1.35 0.00	28.19 1.30 0.00	31.40 1.39 0.00	32.05 1.39 0.00	34.65 1.46 0.00	37.10 1.56 0.00	38.59 1.58 0.00	33.37 1.50 0.00	33.06 1.65 0.00	32.69 1.86 0.00	33.15 1.97 0.00	32.42 2.00 0.00	35.17 2.22 0.00	35.74 2.26 0.00	38.56 2.45 0.00	39.66 2.51 0.00	41.54 2.42 0.00	34.17 1.93 0.00	38.11 2.08 0.00	39.15 1.79 0.00	34.58 1.46 0.00	33.09 1.29 0.00
RAVENSWOOD___1 23533	28.22 1.27 0.00	29.17 1.37 0.00	29.64 1.37 0.00	28.20 1.31 0.00	31.40 1.39 0.00	32.08 1.42 0.00	34.65 1.47 0.00	37.12 1.59 0.00	38.61 1.61 0.00	33.41 1.54 0.00	33.09 1.68 0.00	32.74 1.90 0.00	33.19 2.01 0.00	32.45 2.03 0.00	35.20 2.25 0.00	35.77 2.30 0.00	38.58 2.47 0.00	39.70 2.55 0.00	41.54 2.42 0.00	34.15 1.91 0.00	38.10 2.07 0.00	39.16 1.80 0.00	34.56 1.44 0.00	33.08 1.28 0.00
RAVENSWOOD___2 23534	28.21 1.26 0.00	29.17 1.37 0.00	29.64 1.37 0.00	28.20 1.31 0.00	31.40 1.39 0.00	32.08 1.42 0.00	34.65 1.47 0.00	37.12 1.59 0.00	38.61 1.61 0.00	33.41 1.54 0.00	33.09 1.68 0.00	32.74 1.90 0.00	33.19 2.01 0.00	32.45 2.03 0.00	35.20 2.25 0.00	35.77 2.30 0.00	38.58 2.47 0.00	39.70 2.55 0.00	41.54 2.42 0.00	34.15 1.91 0.00	38.10 2.07 0.00	39.16 1.80 0.00	34.56 1.44 0.00	33.08 1.28 0.00
RAVENSWOOD___3 23535	28.18 1.23 0.00	29.14 1.33 0.00	29.63 1.36 0.00	28.20 1.30 0.00	31.39 1.38 0.00	32.06 1.40 0.00	34.65 1.47 0.00	37.11 1.57 0.00	38.58 1.57 0.00	33.38 1.50 0.00	33.06 1.66 0.00	32.70 1.86 0.00	33.15 1.97 0.00	32.42 1.99 0.00	35.18 2.23 0.00	35.74 2.27 0.00	38.56 2.45 0.00	39.67 2.52 0.00	41.54 2.42 0.00	34.17 1.93 0.00	38.12 2.09 0.00	39.15 1.79 0.00	34.58 1.46 0.00	33.10 1.30 0.00
RAVENSWOOD___4 23820	28.21 1.26 0.00	29.17 1.37 0.00	29.64 1.37 0.00	28.20 1.31 0.00	31.40 1.39 0.00	32.08 1.42 0.00	34.65 1.47 0.00	37.12 1.59 0.00	38.61 1.61 0.00	33.41 1.54 0.00	33.09 1.68 0.00	32.74 1.90 0.00	33.19 2.01 0.00	32.45 2.03 0.00	35.20 2.25 0.00	35.77 2.30 0.00	38.58 2.47 0.00	39.70 2.55 0.00	41.54 2.42 0.00	34.15 1.91 0.00	38.10 2.07 0.00	39.16 1.80 0.00	34.56 1.44 0.00	33.08 1.28 0.00
RCPL_TRUST___DRP 24196	28.34 1.39 0.00	29.31 1.51 0.00	29.79 1.52 0.00	28.35 1.46 0.00	31.56 1.55 0.00	32.23 1.57 0.00	34.90 1.71 0.00	37.40 1.86 0.00	38.93 1.92 0.00	33.66 1.78 0.00	33.37 1.96 0.00	33.01 2.18 0.00	33.48 2.30 0.00	32.75 2.33 0.00	35.55 2.60 0.00	36.11 2.64 0.00	38.96 2.86 0.00	40.07 2.92 0.00	41.94 2.82 0.00	34.43 2.20 0.00	38.38 2.35 0.00	39.40 2.04 0.00	34.78 1.65 0.00	33.26 1.46 0.00
RED___ROCHESTER 323720	26.38 -0.57 0.00	27.06 -0.75 0.00	27.30 -0.97 0.00	26.02 -0.87 0.00	28.33 -0.92 0.76	28.31 -0.91 1.44	32.48 -0.71 0.00	34.83 -0.70 0.00	36.59 -0.42 0.00	31.00 -0.70 0.17	30.64 -0.77 0.00	30.21 -0.62 0.00	30.60 -0.57 0.00	29.79 -0.64 0.00	32.44 -0.51 0.00	32.88 -0.59 0.00	35.33 -0.78 0.00	36.48 -0.67 0.00	38.57 -0.55 0.00	31.69 -0.55 0.00	35.38 -0.65 0.00	36.99 -0.37 0.00	32.69 -0.43 0.00	31.33 -0.47 0.00
REGAN___SOLAR 323812	28.14 1.20 0.00	29.01 1.20 0.00	29.48 1.21 0.00	28.03 1.14 0.00	31.31 1.30 0.00	32.10 1.44 0.00	35.05 1.86 0.00	37.61 2.07 0.00	39.03 2.02 0.00	33.52 1.65 0.00	32.54 1.13 0.00	31.48 0.64 0.00	32.27 1.09 0.00	31.88 1.45 0.00	34.55 1.60 0.00	34.83 1.36 0.00	37.63 1.53 0.00	38.54 1.38 0.00	40.02 0.90 0.00	33.92 1.68 0.00	38.17 2.14 0.00	39.47 2.11 0.00	34.84 1.72 0.00	33.37 1.58 0.00
RENSSELAER___COGEN 23796	27.32 0.37 0.00	28.29 0.48 0.00	28.78 0.51 0.00	27.38 0.49 0.00	30.52 0.51 0.00	31.11 0.45 0.00	33.45 0.26 0.00	35.90 0.36 0.00	37.32 0.31 0.00	32.27 0.40 0.00	31.89 0.49 0.00	31.34 0.51 0.00	31.71 0.53 0.00	30.99 0.57 0.00	33.48 0.53 0.00	33.99 0.52 0.00	36.70 0.60 0.00	37.53 0.38 0.00	39.48 0.36 0.00	32.52 0.29 0.00	36.42 0.38 0.00	37.65 0.29 0.00	33.47 0.35 0.00	32.23 0.43 0.00
REPUBLIC_115KV_BARTNBRK 55605	28.45 1.50 0.00	29.60 1.80 0.00	30.04 1.76 0.00	28.96 2.07 0.00	32.20 2.20 0.00	33.58 2.92 0.00	36.07 2.88 0.00	39.03 3.49 0.00	40.90 3.89 0.00	35.41 3.53 0.00	34.76 3.35 0.00	33.84 3.01 0.00	33.70 2.52 0.00	32.59 2.16 0.00	35.62 2.67 0.00	36.30 2.83 0.00	39.49 3.38 0.00	40.83 3.67 0.00	42.99 3.87 0.00	35.26 3.02 0.00	39.78 3.75 0.00	40.92 3.56 0.00	35.68 2.56 0.00	34.26 2.46 0.00
REVERE_CPPR_DRP 24186	27.71 0.76 0.00	28.52 0.72 0.00	28.99 0.72 0.00	27.60 0.71 0.00	30.79 0.79 0.00	31.37 0.71 0.00	34.20 1.01 0.00	36.58 1.04 0.00	38.12 1.11 0.00	32.72 0.85 0.00	32.20 0.79 0.00	31.62 0.79 0.00	31.77 0.59 0.00	30.83 0.40 0.00	33.17 0.22 0.00	33.95 0.48 0.00	36.59 0.49 0.00	37.91 0.75 0.00	40.49 1.37 0.00	33.29 1.05 0.00	37.10 1.07 0.00	38.47 1.11 0.00	33.98 0.85 0.00	32.54 0.73 0.00
REYNLDDPA_13_KV_LD 356490	27.08 0.13 0.00	27.87 0.06 0.00	28.36 0.08 0.00	26.94 0.05 0.00	30.07 0.06 0.00	30.90 0.24 0.00	33.58 0.39 0.00	35.99 0.46 0.00	37.50 0.49 0.00	32.25 0.38 0.00	31.70 0.29 0.00	31.05 0.21 0.00	31.47 0.29 0.00	30.66 0.23 0.00	33.20 0.25 0.00	33.75 0.28 0.00	36.38 0.27 0.00	37.43 0.28 0.00	39.40 0.28 0.00	32.47 0.23 0.00	36.28 0.25 0.00	37.60 0.24 0.00	33.30 0.17 0.00	31.96 0.16 0.00
REYNOLDS_115KV_TB3 80639	27.45 0.50 0.00	28.45 0.65 0.00	28.93 0.65 0.00	27.53 0.64 0.00	30.67 0.66 0.00	31.25 0.59 0.00	33.64 0.46 0.00	36.12 0.58 0.00	37.55 0.54 0.00	32.48 0.60 0.00	32.12 0.71 0.00	31.58 0.74 0.00	31.93 0.76 0.00	31.20 0.77 0.00	33.67 0.72 0.00	34.17 0.70 0.00	36.91 0.81 0.00	37.76 0.61 0.00	39.73 0.60 0.00	32.72 0.49 0.00	36.66 0.62 0.00	37.90 0.54 0.00	33.66 0.53 0.00	32.39 0.59 0.00

RIVERBAY____ 323610	29.07 2.12 0.00	30.05 2.25 0.00	30.52 2.25 0.00	29.07 2.18 0.00	32.42 2.41 0.00	33.20 2.53 0.00	35.84 2.65 0.00	38.18 2.64 0.00	38.84 1.83 0.00	33.56 1.69 0.00	33.15 1.75 0.00	32.81 1.97 0.00	33.26 2.08 0.00	32.55 2.12 0.00	35.20 2.25 0.00	36.00 2.53 0.00	38.84 2.73 0.00	40.02 2.87 0.00	41.89 2.77 0.00	34.47 2.24 0.00	38.45 2.41 0.00	39.52 2.16 0.00	34.88 1.75 0.00	33.40 1.60 0.00
RIVERSDE_115KV_TB3 55908	27.40 0.46 0.00	28.39 0.58 0.00	28.87 0.59 0.00	27.47 0.58 0.00	30.61 0.60 0.00	31.20 0.54 0.00	33.56 0.37 0.00	36.04 0.50 0.00	37.48 0.47 0.00	32.40 0.53 0.00	32.04 0.63 0.00	31.48 0.65 0.00	31.86 0.68 0.00	31.13 0.70 0.00	33.61 0.66 0.00	34.12 0.65 0.00	36.85 0.75 0.00	37.68 0.53 0.00	39.64 0.52 0.00	32.65 0.41 0.00	36.56 0.53 0.00	37.79 0.43 0.00	33.59 0.46 0.00	32.33 0.53 0.00
ROARING__BROOK_WT_PWR 323790	26.86 -0.09 0.00	27.69 -0.11 0.00	28.21 -0.06 0.00	26.83 -0.06 0.00	29.84 -0.16 0.00	30.36 -0.30 0.00	32.87 -0.32 0.00	35.10 -0.44 0.00	36.53 -0.48 0.00	31.56 -0.31 0.00	30.97 -0.44 0.00	30.35 -0.48 0.00	30.60 -0.58 0.00	29.84 -0.59 0.00	32.41 -0.54 0.00	33.05 -0.42 0.00	35.60 -0.50 0.00	36.65 -0.50 0.00	38.60 -0.52 0.00	31.95 -0.28 0.00	35.66 -0.38 0.00	37.01 -0.35 0.00	32.76 -0.36 0.00	31.39 -0.41 0.00
ROCHESRG_115KV_T4 355643	26.12 -0.83 0.00	26.78 -1.03 0.00	27.04 -1.23 0.00	25.76 -1.13 0.00	28.04 -1.22 0.75	28.05 -1.20 1.41	32.10 -1.08 0.00	34.39 -1.15 0.00	36.06 -0.95 0.00	30.62 -1.09 0.16	30.28 -1.13 0.00	29.85 -0.98 0.00	30.22 -0.96 0.00	29.40 -1.02 0.00	31.99 -0.95 0.00	32.46 -1.01 0.00	34.85 -1.25 0.00	35.99 -1.17 0.00	38.01 -1.12 0.00	31.26 -0.98 0.00	34.92 -1.11 0.00	36.51 -0.85 0.00	32.31 -0.82 0.00	30.99 -0.81 0.00
ROCHESTER_9_IC 23652	26.29 -0.65 0.00	26.95 -0.86 0.00	27.21 -1.06 0.00	25.92 -0.97 0.00	28.21 -1.03 0.77	28.22 -0.99 1.45	32.35 -0.84 0.00	34.68 -0.86 0.00	36.37 -0.64 0.00	30.86 -0.84 0.17	30.49 -0.91 0.00	30.09 -0.74 0.00	30.46 -0.72 0.00	29.64 -0.79 0.00	32.27 -0.68 0.00	32.74 -0.73 0.00	35.14 -0.97 0.00	36.29 -0.86 0.00	38.35 -0.78 0.00	31.53 -0.71 0.00	35.22 -0.81 0.00	36.82 -0.53 0.00	32.56 -0.57 0.00	31.22 -0.58 0.00
ROCKVIEW_13_KV_LD 356306	28.17 1.23 0.00	29.13 1.33 0.00	29.64 1.37 0.00	28.21 1.32 0.00	31.42 1.41 0.00	32.07 1.41 0.00	34.70 1.52 0.00	37.19 1.65 0.00	38.68 1.67 0.00	33.44 1.57 0.00	33.12 1.71 0.00	32.71 1.88 0.00	33.16 1.99 0.00	32.44 2.01 0.00	35.20 2.26 0.00	35.77 2.30 0.00	38.59 2.48 0.00	39.68 2.53 0.00	41.56 2.44 0.00	34.21 1.98 0.00	38.20 2.16 0.00	39.27 1.91 0.00	34.70 1.58 0.00	33.21 1.41 0.00
ROME____115KV_TB2 80656	27.71 0.76 0.00	28.52 0.72 0.00	28.99 0.72 0.00	27.60 0.71 0.00	30.79 0.79 0.00	31.37 0.71 0.00	34.20 1.01 0.00	36.58 1.04 0.00	38.12 1.11 0.00	32.72 0.85 0.00	32.20 0.79 0.00	31.62 0.79 0.00	31.77 0.59 0.00	30.83 0.40 0.00	33.17 0.22 0.00	33.95 0.48 0.00	36.59 0.49 0.00	37.91 0.75 0.00	40.49 1.37 0.00	33.29 1.05 0.00	37.10 1.07 0.00	38.47 1.11 0.00	33.98 0.85 0.00	32.54 0.73 0.00
ROSETON____1 23587	27.82 0.87 0.00	28.79 0.98 0.00	29.31 1.04 0.00	27.90 1.01 0.00	31.08 1.07 0.00	31.72 1.06 0.00	34.26 1.07 0.00	36.72 1.19 0.00	38.18 1.17 0.00	33.00 1.13 0.00	32.68 1.28 0.00	32.24 1.41 0.00	32.67 1.50 0.00	31.93 1.51 0.00	34.61 1.66 0.00	35.16 1.69 0.00	37.91 1.80 0.00	38.98 1.82 0.00	40.87 1.75 0.00	33.67 1.43 0.00	37.62 1.59 0.00	38.75 1.39 0.00	34.26 1.14 0.00	32.83 1.03 0.00
ROSETON____2 23588	27.82 0.87 0.00	28.79 0.98 0.00	29.31 1.04 0.00	27.90 1.01 0.00	31.08 1.07 0.00	31.72 1.06 0.00	34.26 1.07 0.00	36.72 1.19 0.00	38.18 1.17 0.00	33.00 1.13 0.00	32.68 1.28 0.00	32.24 1.41 0.00	32.67 1.50 0.00	31.93 1.51 0.00	34.61 1.66 0.00	35.16 1.69 0.00	37.91 1.80 0.00	38.98 1.82 0.00	40.87 1.75 0.00	33.67 1.43 0.00	37.62 1.59 0.00	38.75 1.39 0.00	34.26 1.14 0.00	32.83 1.03 0.00
ROTTDRAM_115KV_TB3 80664	27.49 0.55 0.00	28.43 0.62 0.00	28.90 0.63 0.00	27.51 0.62 0.00	30.69 0.68 0.00	31.32 0.66 0.00	33.90 0.71 0.00	36.34 0.80 0.00	37.82 0.80 0.00	32.61 0.74 0.00	32.15 0.74 0.00	31.52 0.68 0.00	31.91 0.73 0.00	31.24 0.81 0.00	33.80 0.86 0.00	34.32 0.84 0.00	37.05 0.95 0.00	38.04 0.88 0.00	40.00 0.76 0.00	33.00 0.91 0.00	36.95 0.87 0.00	38.23 0.87 0.00	33.84 0.72 0.00	32.49 0.69 0.00
RUSSELL____1 23602	26.38 -0.56 0.00	27.04 -0.76 0.00	27.30 -0.98 0.00	26.01 -0.88 0.00	28.32 -0.93 0.76	28.33 -0.89 1.44	32.47 -0.72 0.00	34.82 -0.72 0.00	36.52 -0.49 0.00	30.99 -0.71 0.17	30.61 -0.80 0.00	30.21 -0.62 0.00	30.58 -0.59 0.00	29.76 -0.67 0.00	32.42 -0.53 0.00	32.88 -0.60 0.00	35.28 -0.82 0.00	36.46 -0.70 0.00	38.53 -0.59 0.00	31.68 -0.56 0.00	35.38 -0.65 0.00	36.98 -0.38 0.00	32.68 -0.44 0.00	31.33 -0.47 0.00
RUSSELL____2 23532	26.38 -0.56 0.00	27.04 -0.76 0.00	27.30 -0.98 0.00	26.01 -0.88 0.00	28.32 -0.93 0.76	28.33 -0.89 1.44	32.47 -0.72 0.00	34.82 -0.72 0.00	36.52 -0.49 0.00	30.99 -0.71 0.17	30.61 -0.80 0.00	30.21 -0.62 0.00	30.58 -0.59 0.00	29.76 -0.67 0.00	32.42 -0.53 0.00	32.88 -0.60 0.00	35.28 -0.82 0.00	36.46 -0.70 0.00	38.53 -0.59 0.00	31.68 -0.56 0.00	35.38 -0.65 0.00	36.98 -0.38 0.00	32.68 -0.44 0.00	31.33 -0.47 0.00
RUSSELL____3 23549	26.38 -0.56 0.00	27.04 -0.76 0.00	27.30 -0.98 0.00	26.01 -0.88 0.00	28.32 -0.93 0.76	28.33 -0.89 1.44	32.47 -0.72 0.00	34.82 -0.72 0.00	36.52 -0.49 0.00	30.99 -0.71 0.17	30.61 -0.80 0.00	30.21 -0.62 0.00	30.58 -0.59 0.00	29.76 -0.67 0.00	32.42 -0.53 0.00	32.88 -0.60 0.00	35.28 -0.82 0.00	36.46 -0.70 0.00	38.53 -0.59 0.00	31.68 -0.56 0.00	35.38 -0.65 0.00	36.98 -0.38 0.00	32.68 -0.44 0.00	31.33 -0.47 0.00
RUSSELL____4 23556	26.38 -0.56 0.00	27.04 -0.76 0.00	27.30 -0.98 0.00	26.01 -0.88 0.00	28.32 -0.93 0.76	28.33 -0.89 1.44	32.47 -0.72 0.00	34.82 -0.72 0.00	36.52 -0.49 0.00	30.99 -0.71 0.17	30.61 -0.80 0.00	30.21 -0.62 0.00	30.58 -0.59 0.00	29.76 -0.67 0.00	32.42 -0.53 0.00	32.88 -0.60 0.00	35.28 -0.82 0.00	36.46 -0.70 0.00	38.53 -0.59 0.00	31.68 -0.56 0.00	35.38 -0.65 0.00	36.98 -0.38 0.00	32.68 -0.44 0.00	31.33 -0.47 0.00
RUSSELL__STATION 23914	26.38 -0.56 0.00	27.04 -0.76 0.00	27.30 -0.98 0.00	26.01 -0.88 0.00	28.32 -0.93 0.76	28.33 -0.89 1.44	32.47 -0.72 0.00	34.82 -0.72 0.00	36.52 -0.49 0.00	30.99 -0.71 0.17	30.61 -0.80 0.00	30.21 -0.62 0.00	30.58 -0.59 0.00	29.76 -0.67 0.00	32.42 -0.53 0.00	32.88 -0.60 0.00	35.28 -0.82 0.00	36.46 -0.70 0.00	38.53 -0.59 0.00	31.68 -0.56 0.00	35.38 -0.65 0.00	36.98 -0.38 0.00	32.68 -0.44 0.00	31.33 -0.47 0.00

S SALMON___HYD 24043	26.47 -0.48 0.00	27.28 -0.53 0.00	27.75 -0.53 0.00	26.39 -0.50 0.00	29.42 -0.59 0.00	29.87 -0.79 0.00	32.42 -0.77 0.00	34.60 -0.94 0.00	36.10 -0.91 0.00	31.05 -0.82 0.00	30.54 -0.87 0.00	29.95 -0.88 0.00	30.09 -1.09 0.00	29.25 -1.18 0.00	31.66 -1.29 0.00	32.16 -1.31 0.00	34.60 -1.51 0.00	36.05 -1.10 0.00	38.10 -1.03 0.00	31.44 -0.79 0.00	34.94 -1.09 0.00	36.29 -1.07 0.00	32.17 -0.96 0.00	30.99 -0.81 0.00
S.PERRY___115KV_TB1 80734	26.68 -0.27 0.00	50.02 -0.69 -22.91	31.82 -0.90 -4.45	50.93 -0.92 -24.96	52.57 -1.06 -23.62	31.35 -1.23 -1.92	34.01 -1.23 -2.06	57.35 -1.54 -23.36	84.47 -1.47 -48.93	76.31 -1.90 -46.33	74.71 -2.14 -45.44	46.77 -1.85 -17.79	29.97 -1.54 -0.34	29.16 -1.92 -0.65	44.21 -2.08 -13.34	35.76 -1.47 -3.76	81.52 -2.00 -47.41	83.29 -1.68 -47.82	90.98 -1.24 -53.10	42.73 -1.07 -11.56	35.04 -1.00 -0.01	41.89 0.17 -4.36	37.62 -0.14 -4.63	31.63 -0.17 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	25.29 -1.66 0.00	18.04 -1.98 7.78	24.37 -2.39 1.51	16.25 -2.16 8.48	17.70 -2.38 9.92	23.95 -2.47 4.25	30.15 -2.34 0.70	25.17 -2.44 7.93	18.33 -2.08 16.60	13.49 -2.21 16.17	14.01 -2.01 15.40	23.10 -1.78 5.95	29.25 -1.81 0.11	28.32 -1.89 0.22	26.65 -1.84 4.46	30.08 -2.13 1.26	17.89 -2.32 15.89	18.95 -2.25 15.95	19.18 -2.23 17.71	26.31 -2.08 3.86	33.63 -2.41 0.00	34.04 -1.87 1.45	29.81 -1.77 1.54	30.16 -1.65 0.00
SAWYER___23_KV_LOAD 55526	25.29 -1.66 0.00	18.04 -1.98 7.78	24.37 -2.39 1.51	16.25 -2.16 8.48	17.70 -2.38 9.92	23.95 -2.47 4.25	30.15 -2.34 0.70	25.17 -2.44 7.93	18.33 -2.08 16.60	13.49 -2.21 16.17	14.01 -2.01 15.40	23.10 -1.78 5.95	29.25 -1.81 0.11	28.32 -1.89 0.22	26.65 -1.84 4.46	30.08 -2.13 1.26	17.89 -2.32 15.89	18.95 -2.25 15.95	19.18 -2.23 17.71	26.31 -2.08 3.86	33.63 -2.41 0.00	34.04 -1.87 1.45	29.81 -1.77 1.54	30.16 -1.65 0.00
SELKIRK___I 23801	27.51 0.56 0.00	28.47 0.66 0.00	28.95 0.68 0.00	27.55 0.66 0.00	30.73 0.72 0.00	31.33 0.67 0.00	33.76 0.57 0.00	36.20 0.66 0.00	37.63 0.62 0.00	32.50 0.62 0.00	32.09 0.68 0.00	31.47 0.64 0.00	31.83 0.65 0.00	31.15 0.72 0.00	33.70 0.75 0.00	34.23 0.76 0.00	36.96 0.86 0.00	37.86 0.71 0.00	39.87 0.75 0.00	32.84 0.61 0.00	36.75 0.72 0.00	38.03 0.67 0.00	33.75 0.62 0.00	32.46 0.66 0.00
SELKIRK___II 23799	27.37 0.42 0.00	28.33 0.53 0.00	28.82 0.54 0.00	27.42 0.53 0.00	30.58 0.57 0.00	31.18 0.51 0.00	33.58 0.39 0.00	36.02 0.48 0.00	37.46 0.45 0.00	32.37 0.49 0.00	31.98 0.57 0.00	31.43 0.60 0.00	31.79 0.62 0.00	31.08 0.65 0.00	33.60 0.65 0.00	34.11 0.64 0.00	36.83 0.72 0.00	37.73 0.58 0.00	39.68 0.56 0.00	32.69 0.45 0.00	36.58 0.55 0.00	37.84 0.48 0.00	33.59 0.47 0.00	32.30 0.50 0.00
SENECA OSWGO___HYD 24041	26.21 -0.73 0.00	27.04 -0.77 0.00	27.47 -0.81 0.00	26.13 -0.76 0.00	29.17 -0.84 0.00	29.77 -0.89 0.00	32.24 -0.95 0.00	34.48 -1.06 0.00	35.96 -1.06 0.00	30.94 -0.93 0.00	30.47 -0.94 0.00	29.86 -0.97 0.00	30.13 -1.04 0.00	29.36 -1.07 0.00	31.80 -1.15 0.00	32.25 -1.22 0.00	34.77 -1.34 0.00	36.03 -1.12 0.00	37.97 -1.15 0.00	31.28 -0.95 0.00	34.94 -1.09 0.00	36.29 -1.08 0.00	32.22 -0.91 0.00	30.93 -0.87 0.00
SENECA___115KV_TB3 355854	25.47 -1.47 0.00	17.83 -1.78 8.20	24.48 -2.20 1.59	15.99 -1.97 8.93	17.35 -2.19 10.46	23.85 -2.33 4.49	30.35 -2.11 0.73	25.03 -2.15 8.36	17.84 -1.67 17.50	12.86 -1.96 17.05	13.47 -1.72 16.22	23.03 -1.53 6.27	29.53 -1.53 0.12	28.59 -1.61 0.23	26.69 -1.56 4.71	30.30 -1.85 1.33	17.44 -1.92 16.75	18.51 -1.87 16.77	18.73 -1.78 18.61	26.45 -1.74 4.05	33.98 -2.05 0.00	34.32 -1.51 1.53	30.01 -1.49 1.62	30.38 -1.42 0.00
SENECA___ENERGY 23797	26.45 -0.50 0.00	28.86 -0.57 -1.63	27.91 -0.68 -0.32	28.02 -0.64 -1.77	30.55 -0.67 -1.22	29.23 -0.69 0.74	32.74 -0.59 -0.15	36.55 -0.66 -1.68	39.99 -0.53 -3.51	34.53 -0.65 -3.30	34.00 -0.64 -3.24	31.41 -0.69 -1.27	30.43 -0.77 -0.02	29.58 -0.90 -0.05	33.01 -0.90 -0.96	32.78 -0.96 -0.27	38.75 -0.73 -3.38	39.96 -0.62 -3.43	42.45 -0.49 -3.82	32.57 -0.50 -0.83	35.49 -0.55 0.00	37.26 -0.42 -0.31	33.03 -0.42 -0.33	31.40 -0.40 0.00
SHOEMAKER___GT 23640	27.79 0.84 0.00	28.74 0.94 0.00	29.25 0.98 0.00	27.84 0.95 0.00	31.21 1.03 -0.17	32.01 1.03 -0.32	34.26 1.07 0.00	36.69 1.15 0.00	38.14 1.13 0.00	32.96 1.08 0.00	32.51 1.11 0.00	32.03 1.20 0.00	32.54 1.36 0.00	31.80 1.37 0.00	34.51 1.56 0.00	35.10 1.63 0.00	37.85 1.75 0.00	38.90 1.75 0.00	40.80 1.67 0.00	33.64 1.41 0.00	37.60 1.57 0.00	38.73 1.37 0.00	34.21 1.09 0.00	32.76 0.96 0.00
SHOEMAKR_138KV_BK 111 55601	27.78 0.83 0.00	28.74 0.93 0.00	29.25 0.98 0.00	27.84 0.95 0.00	31.21 1.03 -0.17	32.00 1.02 -0.32	34.25 1.06 0.00	36.68 1.14 0.00	38.15 1.14 0.00	32.96 1.09 0.00	32.54 1.13 0.00	32.05 1.22 0.00	32.55 1.37 0.00	31.82 1.39 0.00	34.51 1.56 0.00	35.09 1.62 0.00	37.86 1.75 0.00	38.91 1.75 0.00	40.80 1.68 0.00	33.64 1.40 0.00	37.59 1.56 0.00	38.71 1.35 0.00	34.20 1.08 0.00	32.75 0.95 0.00
SHOREHAM_IC_1 23715	28.82 1.87 0.00	29.69 1.88 0.00	31.89 1.97 -1.65	28.80 1.90 -0.01	32.06 2.05 0.00	32.72 2.05 -0.01	46.94 2.14 -11.61	52.04 2.26 -14.25	53.04 2.06 -13.97	35.65 2.07 -1.70	33.33 1.92 0.00	32.76 1.93 0.00	33.31 2.14 0.00	32.31 1.88 0.00	35.09 2.14 0.00	35.80 2.33 0.00	38.69 2.58 0.00	39.68 2.53 0.00	41.33 2.21 0.00	34.11 1.87 0.00	38.33 2.30 0.00	39.51 2.15 0.00	35.08 1.96 0.00	33.69 1.89 0.00
SHOREHAM_IC_2 23716	28.82 1.87 0.00	29.69 1.88 0.00	31.89 1.97 -1.65	28.80 1.90 -0.01	32.06 2.05 0.00	32.72 2.05 -0.01	46.94 2.14 -11.61	52.04 2.26 -14.25	53.04 2.06 -13.97	35.65 2.07 -1.70	33.33 1.92 0.00	32.76 1.93 0.00	33.31 2.14 0.00	32.31 1.88 0.00	35.09 2.14 0.00	35.80 2.33 0.00	38.69 2.58 0.00	39.68 2.53 0.00	41.33 2.21 0.00	34.11 1.87 0.00	38.33 2.30 0.00	39.51 2.15 0.00	35.08 1.96 0.00	33.69 1.89 0.00
SISSONVILLE____ 23735	26.51 -0.44 0.00	27.27 -0.54 0.00	27.79 -0.48 0.00	26.41 -0.48 0.00	29.45 -0.56 0.00	30.16 -0.50 0.00	32.88 -0.31 0.00	35.20 -0.33 0.00	36.62 -0.39 0.00	31.46 -0.41 0.00	30.80 -0.61 0.00	29.85 -0.98 0.00	30.02 -1.16 0.00	29.36 -1.07 0.00	31.98 -0.96 0.00	32.44 -1.03 0.00	34.84 -1.27 0.00	35.86 -1.30 0.00	37.89 -1.23 0.00	31.30 -0.93 0.00	34.86 -1.17 0.00	36.10 -1.25 0.00	32.10 -1.02 0.00	30.99 -0.81 0.00
SITHE_IND_GS1 24169	26.16 -0.79 0.00	26.98 -0.82 0.00	27.41 -0.87 0.00	26.07 -0.82 0.00	29.11 -0.90 0.00	29.73 -0.93 0.00	32.14 -1.05 0.00	34.33 -1.22 0.00	35.77 -1.24 0.00	30.78 -1.10 0.00	30.31 -1.10 0.00	29.73 -1.10 0.00	30.06 -1.12 0.00	29.29 -1.13 0.00	31.74 -1.21 0.00	32.23 -1.24 0.00	34.75 -1.36 0.00	35.84 -1.31 0.00	37.77 -1.35 0.00	31.12 -1.12 0.00	34.77 -1.26 0.00	36.12 -1.24 0.00	32.14 -0.98 0.00	30.87 -0.93 0.00

SITHE_IND_GS2 24170	26.16 -0.79 0.00	26.98 -0.82 0.00	27.41 -0.87 0.00	26.07 -0.82 0.00	29.11 -0.90 0.00	29.73 -0.93 0.00	32.14 -1.05 0.00	34.33 -1.22 0.00	35.77 -1.24 0.00	30.78 -1.10 0.00	30.31 -1.10 0.00	29.73 -1.10 0.00	30.06 -1.12 0.00	29.29 -1.13 0.00	31.74 -1.21 0.00	32.23 -1.24 0.00	34.75 -1.36 0.00	35.84 -1.31 0.00	37.77 -1.35 0.00	31.12 -1.12 0.00	34.77 -1.26 0.00	36.12 -1.24 0.00	32.14 -0.98 0.00	30.87 -0.93 0.00
SITHE_IND_GS3 24171	26.16 -0.79 0.00	26.98 -0.82 0.00	27.41 -0.87 0.00	26.07 -0.82 0.00	29.11 -0.90 0.00	29.73 -0.93 0.00	32.14 -1.05 0.00	34.33 -1.22 0.00	35.77 -1.24 0.00	30.78 -1.10 0.00	30.31 -1.10 0.00	29.73 -1.10 0.00	30.06 -1.12 0.00	29.29 -1.13 0.00	31.74 -1.21 0.00	32.23 -1.24 0.00	34.75 -1.36 0.00	35.84 -1.31 0.00	37.77 -1.35 0.00	31.12 -1.12 0.00	34.77 -1.26 0.00	36.12 -1.24 0.00	32.14 -0.98 0.00	30.87 -0.93 0.00
SITHE_IND_GS4 24172	26.16 -0.79 0.00	26.98 -0.82 0.00	27.41 -0.87 0.00	26.07 -0.82 0.00	29.11 -0.90 0.00	29.73 -0.93 0.00	32.14 -1.05 0.00	34.33 -1.22 0.00	35.77 -1.24 0.00	30.78 -1.10 0.00	30.31 -1.10 0.00	29.73 -1.10 0.00	30.06 -1.12 0.00	29.29 -1.13 0.00	31.74 -1.21 0.00	32.23 -1.24 0.00	34.75 -1.36 0.00	35.84 -1.31 0.00	37.77 -1.35 0.00	31.12 -1.12 0.00	34.77 -1.26 0.00	36.12 -1.24 0.00	32.14 -0.98 0.00	30.87 -0.93 0.00
SITHE___BATAVIA 24024	26.16 -0.79 0.00	22.67 -1.05 4.09	26.07 -1.41 0.80	21.25 -1.18 4.46	23.18 -1.26 5.57	26.47 -1.30 2.89	31.75 -1.07 0.37	30.43 -0.95 4.17	27.82 -0.46 8.73	22.13 -1.16 8.58	22.05 -1.27 8.09	26.76 -0.95 3.12	30.10 -1.02 0.06	28.98 -1.33 0.11	29.58 -1.03 2.34	31.77 -1.03 0.66	26.38 -1.40 8.33	27.55 -1.26 8.34	29.02 -0.83 9.26	29.34 -0.88 2.02	34.94 -1.09 0.00	36.00 -0.60 0.76	31.63 -0.68 0.81	31.13 -0.67 0.00
SITHE___INDEPEND 23800	26.16 -0.79 0.00	26.98 -0.83 0.00	27.41 -0.87 0.00	26.07 -0.82 0.00	29.10 -0.90 0.00	29.73 -0.93 0.00	32.14 -1.05 0.00	34.33 -1.21 0.00	35.76 -1.25 0.00	30.77 -1.10 0.00	30.31 -1.10 0.00	29.73 -1.10 0.00	30.05 -1.12 0.00	29.29 -1.13 0.00	31.74 -1.21 0.00	32.23 -1.24 0.00	34.75 -1.36 0.00	35.84 -1.32 0.00	37.77 -1.35 0.00	31.12 -1.12 0.00	34.77 -1.26 0.00	36.12 -1.24 0.00	32.14 -0.98 0.00	30.87 -0.93 0.00
SITHE___MASSENA 23902	27.06 0.11 0.00	27.84 0.04 0.00	28.34 0.06 0.00	26.92 0.03 0.00	30.04 0.03 0.00	30.87 0.20 0.00	33.55 0.37 0.00	35.96 0.42 0.00	37.45 0.44 0.00	32.20 0.33 0.00	31.64 0.23 0.00	31.00 0.16 0.00	31.29 0.11 0.00	30.58 0.15 0.00	33.15 0.20 0.00	33.66 0.19 0.00	36.27 0.17 0.00	37.34 0.18 0.00	39.32 0.20 0.00	32.42 0.18 0.00	36.21 0.18 0.00	37.52 0.16 0.00	33.24 0.11 0.00	31.92 0.12 0.00
SITHE___OGDNSBRG 24021	27.23 0.28 0.00	28.00 0.20 0.00	28.52 0.25 0.00	27.10 0.21 0.00	30.24 0.23 0.00	31.07 0.41 0.00	33.87 0.69 0.00	36.32 0.78 0.00	37.76 0.75 0.00	32.40 0.52 0.00	31.78 0.37 0.00	30.97 0.13 0.00	31.17 -0.01 0.00	30.39 -0.03 0.00	33.14 0.19 0.00	33.50 0.03 0.00	36.19 0.09 0.00	37.27 0.11 0.00	39.38 0.26 0.00	32.58 0.34 0.00	36.33 0.30 0.00	37.61 0.25 0.00	33.31 0.19 0.00	32.03 0.23 0.00
SITHE___STERLING 23777	27.48 0.53 0.00	28.33 0.52 0.00	28.77 0.50 0.00	27.38 0.49 0.00	30.57 0.56 0.00	31.19 0.53 0.00	33.91 0.72 0.00	36.29 0.75 0.00	37.82 0.81 0.00	32.53 0.60 -0.05	31.99 0.58 0.00	31.39 0.56 0.00	31.62 0.44 0.00	30.66 0.24 0.00	33.08 0.13 0.00	33.82 0.35 0.00	36.41 0.31 0.00	37.67 0.52 0.00	40.13 1.01 0.00	33.00 0.77 0.00	36.86 0.82 0.00	38.23 0.87 0.00	33.80 0.68 0.00	32.38 0.57 0.00
SLEIGHT__34_KV_TB1 80719	26.24 -0.71 0.00	26.96 -0.84 0.00	27.30 -0.98 0.00	25.98 -0.91 0.00	28.45 -0.96 0.60	28.59 -0.92 1.14	32.36 -0.83 0.00	34.66 -0.87 0.00	36.28 -0.73 0.00	30.95 -0.83 0.09	30.51 -0.90 0.00	29.95 -0.88 0.00	30.27 -0.91 0.00	29.47 -0.95 0.00	32.01 -0.94 0.00	32.47 -1.00 0.00	35.05 -1.06 0.00	36.19 -0.97 0.00	38.21 -0.91 0.00	31.44 -0.80 0.00	35.17 -0.87 0.00	36.66 -0.70 0.00	32.44 -0.69 0.00	31.13 -0.67 0.00
SOUTH CAIRO___GT 23612	28.05 1.10 0.00	29.00 1.19 0.00	29.48 1.20 0.00	28.05 1.15 0.00	31.31 1.30 0.00	31.97 1.31 0.00	34.56 1.37 0.00	37.18 1.64 0.00	38.68 1.67 0.00	33.44 1.57 0.00	32.88 1.47 0.00	32.07 1.24 0.00	32.42 1.25 0.00	31.75 1.32 0.00	34.51 1.56 0.00	35.06 1.58 0.00	38.02 1.91 0.00	38.84 1.69 0.00	41.03 1.91 0.00	33.83 1.59 0.00	37.88 1.85 0.00	39.11 1.75 0.00	34.62 1.50 0.00	33.22 1.42 0.00
SOUTH HAMPTN___IC 23720	29.20 2.26 0.00	30.09 2.28 0.00	32.30 2.38 -1.64	29.20 2.31 -0.01	32.53 2.52 0.00	33.21 2.54 -0.01	47.50 2.71 -11.60	52.65 2.89 -14.23	53.71 2.75 -13.95	36.19 2.61 -1.70	33.87 2.46 0.00	33.25 2.42 0.00	33.73 2.56 0.00	32.72 2.29 0.00	35.57 2.62 0.00	36.29 2.82 0.00	39.30 3.20 0.00	40.37 3.22 0.00	41.58 2.45 0.00	34.08 1.85 0.00	38.31 2.27 0.00	39.44 2.08 0.00	34.96 1.84 0.00	33.54 1.74 0.00
SOUTHDOW__115KV_TB1 355954	25.64 -1.30 0.00	19.05 -1.61 7.14	25.05 -1.84 1.39	17.39 -1.72 7.77	18.60 -1.94 9.46	24.12 -1.98 4.56	30.97 -1.58 0.64	26.73 -1.53 7.28	20.58 -1.19 15.24	15.46 -1.50 14.92	16.35 -0.94 14.11	24.71 -0.67 5.45	30.40 -0.67 0.10	29.34 -0.88 0.20	28.25 -0.61 4.09	31.21 -1.11 1.16	20.56 -0.99 14.56	21.74 -0.50 14.91	22.20 -0.35 16.57	28.17 -0.46 3.61	35.44 -0.59 0.00	35.82 -0.18 1.36	31.19 -0.49 1.45	31.23 -0.57 0.00
SOUTHOLD_69_KV_BK 2 55809	29.44 2.49 0.00	30.33 2.53 0.00	32.53 2.62 -1.64	29.44 2.55 -0.01	32.81 2.80 0.00	33.50 2.83 -0.01	47.86 3.07 -11.60	53.04 3.28 -14.23	54.14 3.18 -13.95	36.53 2.95 -1.70	34.23 2.82 0.00	33.55 2.72 0.00	34.00 2.82 0.00	32.99 2.57 0.00	35.85 2.90 0.00	36.59 3.12 0.00	39.67 3.57 0.00	40.79 3.63 0.00	41.61 2.49 0.00	33.90 1.67 0.00	38.09 2.06 0.00	39.20 1.84 0.00	34.72 1.60 0.00	33.26 1.46 0.00
SOUTHOLD___IC 23719	29.43 2.49 0.00	30.33 2.53 0.00	32.54 2.62 -1.64	29.44 2.55 -0.01	32.81 2.80 0.00	33.51 2.84 -0.01	47.85 3.06 -11.60	53.04 3.28 -14.23	54.12 3.16 -13.95	36.52 2.95 -1.70	34.22 2.81 0.00	33.56 2.73 0.00	33.99 2.82 0.00	32.98 2.55 0.00	35.85 2.90 0.00	36.58 3.11 0.00	39.66 3.56 0.00	40.78 3.62 0.00	41.58 2.46 0.00	33.89 1.66 0.00	38.09 2.06 0.00	39.19 1.83 0.00	34.72 1.60 0.00	33.26 1.46 0.00
SOUTH_FORK_WT_PWR 323839	29.52 2.57 0.00	30.42 2.62 0.00	32.62 2.71 -1.64	29.53 2.63 -0.01	32.91 2.90 0.00	33.62 2.95 -0.01	47.98 3.19 -11.60	53.17 3.41 -14.23	54.26 3.30 -13.95	36.64 3.06 -1.70	34.32 2.91 0.00	33.66 2.82 0.00	34.09 2.91 0.00	33.05 2.62 0.00	35.94 2.99 0.00	36.69 3.22 0.00	39.79 3.69 0.00	40.90 3.75 0.00	41.31 2.19 0.00	33.43 1.20 0.00	37.59 1.55 0.00	38.64 1.28 0.00	34.24 1.11 0.00	32.81 1.00 0.00

SPIERFLS_115KV_TB 1 80737	28.08 1.13 0.00	29.11 1.30 0.00	29.60 1.33 0.00	28.26 1.37 0.00	31.50 1.49 0.00	32.37 1.71 0.00	35.00 1.81 0.00	37.68 2.14 0.00	39.26 2.25 0.00	33.87 1.99 0.00	33.15 1.74 0.00	32.37 1.53 0.00	32.56 1.38 0.00	31.73 1.30 0.00	34.37 1.43 0.00	34.92 1.45 0.00	37.78 1.67 0.00	38.86 1.71 0.00	40.92 1.80 0.00	33.68 1.45 0.00	37.81 1.78 0.00	39.02 1.66 0.00	34.36 1.24 0.00	33.07 1.27 0.00
ST LAWRENCE____ 23600	26.86 -0.09 0.00	27.64 -0.16 0.00	28.13 -0.14 0.00	26.73 -0.16 0.00	29.83 -0.18 0.00	30.63 -0.03 0.00	33.26 0.08 0.00	35.66 0.12 0.00	37.13 0.12 0.00	31.94 0.06 0.00	31.40 -0.01 0.00	30.81 -0.02 0.00	31.14 -0.03 0.00	30.41 -0.02 0.00	32.95 0.00 0.00	33.49 0.01 0.00	36.09 -0.01 0.00	37.14 -0.01 0.00	39.09 -0.03 0.00	32.20 -0.04 0.00	36.00 -0.04 0.00	37.30 -0.06 0.00	33.04 -0.08 0.00	31.73 -0.07 0.00
STATE_CA_115KV_115_LB 55624	27.43 0.48 0.00	28.41 0.61 0.00	28.90 0.62 0.00	27.50 0.60 0.00	30.66 0.65 0.00	31.25 0.58 0.00	33.62 0.43 0.00	36.09 0.56 0.00	37.55 0.54 0.00	32.47 0.59 0.00	32.08 0.67 0.00	31.51 0.67 0.00	31.91 0.73 0.00	31.20 0.77 0.00	33.70 0.75 0.00	34.20 0.73 0.00	36.93 0.83 0.00	37.77 0.62 0.00	39.73 0.60 0.00	32.72 0.48 0.00	36.63 0.60 0.00	37.87 0.51 0.00	33.65 0.52 0.00	32.39 0.59 0.00
STATE_ST_34_KV_LOAD 55959	26.85 -0.10 0.00	28.63 -0.08 -0.90	28.34 -0.11 -0.17	27.77 -0.10 -0.98	30.52 -0.07 -0.59	30.04 -0.06 0.57	33.18 -0.09 -0.08	36.31 -0.16 -0.93	38.87 -0.09 -1.95	33.65 -0.19 -1.96	33.00 -0.20 -1.80	31.26 -0.28 -0.71	30.80 -0.39 -0.01	29.90 -0.55 -0.03	32.96 -0.52 -0.53	33.09 -0.53 -0.15	37.44 -0.53 -1.87	38.83 -0.23 -1.90	41.13 -0.11 -2.12	32.58 -0.12 -0.46	35.90 -0.13 0.00	37.49 -0.04 -0.18	33.24 -0.07 -0.19	31.84 0.04 0.00
STATION 5_MISC_HYD 23604	26.29 -0.65 0.00	26.96 -0.84 0.00	27.21 -1.06 0.00	25.93 -0.96 0.00	28.23 -1.01 0.77	28.20 -1.01 1.45	32.35 -0.84 0.00	34.69 -0.84 0.00	36.45 -0.57 0.00	30.88 -0.83 0.17	30.52 -0.89 0.00	30.09 -0.74 0.00	30.48 -0.76 0.00	29.67 -0.67 0.00	32.28 -0.73 0.00	32.74 -0.92 0.00	35.18 -0.83 0.00	36.32 -0.74 0.00	38.39 -0.69 0.00	31.55 -0.81 0.00	35.22 -0.54 0.00	36.82 -0.56 0.00	32.57 -0.56 0.00	31.22 -0.58 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	26.40 -0.55 0.00	27.12 -0.69 0.00	27.43 -0.85 0.00	26.11 -0.78 0.00	28.50 -0.80 0.70	28.55 -0.79 1.32	32.55 -0.63 0.00	34.86 -0.68 0.00	36.52 -0.49 0.00	31.03 -0.68 0.16	30.69 -0.72 0.00	30.15 -0.68 0.00	30.48 -0.70 0.00	29.67 -0.76 0.00	32.25 -0.70 0.00	32.71 -0.76 0.00	35.30 -0.80 0.00	36.45 -0.70 0.00	38.56 -0.57 0.00	31.70 -0.54 0.00	35.45 -0.59 0.00	36.96 -0.40 0.00	32.68 -0.44 0.00	31.36 -0.45 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	26.12 -0.83 0.00	26.80 -1.01 0.00	27.07 -1.21 0.00	25.78 -1.11 0.00	28.07 -1.20 0.74	28.09 -1.17 1.40	32.15 -1.04 0.00	34.45 -1.09 0.00	36.12 -0.89 0.00	30.68 -1.03 0.16	30.33 -1.08 0.00	29.90 -0.93 0.00	30.27 -0.91 0.00	29.45 -0.97 0.00	32.06 -0.89 0.00	32.53 -0.94 0.00	34.92 -1.18 0.00	36.07 -1.09 0.00	38.10 -1.02 0.00	31.33 -0.90 0.00	35.00 -1.03 0.00	36.56 -0.80 0.00	32.35 -0.78 0.00	31.02 -0.78 0.00
STA_56____34_KV_BUS2 355983	26.12 -0.83 0.00	26.80 -1.01 0.00	27.07 -1.21 0.00	25.78 -1.11 0.00	28.07 -1.20 0.74	28.09 -1.17 1.40	32.15 -1.04 0.00	34.45 -1.09 0.00	36.12 -0.89 0.00	30.68 -1.03 0.16	30.33 -1.08 0.00	29.90 -0.93 0.00	30.27 -0.91 0.00	29.45 -0.97 0.00	32.06 -0.89 0.00	32.53 -0.94 0.00	34.92 -1.18 0.00	36.07 -1.09 0.00	38.10 -1.02 0.00	31.33 -0.90 0.00	35.00 -1.03 0.00	36.56 -0.80 0.00	32.35 -0.78 0.00	31.02 -0.78 0.00
STA_67____115KV_BK2 355882	26.25 -0.70 0.00	26.91 -0.89 0.00	27.17 -1.11 0.00	25.89 -1.01 0.00	28.17 -1.08 0.77	28.17 -1.04 1.45	32.29 -0.90 0.00	34.61 -0.93 0.00	36.30 -0.71 0.00	30.80 -0.91 0.17	30.44 -0.97 0.00	30.03 -0.80 0.00	30.40 -0.78 0.00	29.58 -0.85 0.00	32.21 -0.74 0.00	32.67 -0.80 0.00	35.07 -1.03 0.00	36.22 -0.93 0.00	38.27 -0.85 0.00	31.47 -0.76 0.00	35.16 -0.88 0.00	36.75 -0.61 0.00	32.51 -0.62 0.00	31.17 -0.63 0.00
STA_7____115KV_9TRANS 80674	26.38 -0.56 0.00	27.04 -0.76 0.00	27.30 -0.98 0.00	26.01 -0.88 0.00	28.32 -0.93 0.76	28.33 -0.89 1.44	32.47 -0.72 0.00	34.82 -0.72 0.00	36.52 -0.49 0.00	30.99 -0.71 0.17	30.61 -0.80 0.00	30.21 -0.62 0.00	30.58 -0.59 0.00	29.76 -0.67 0.00	32.42 -0.53 0.00	32.88 -0.60 0.00	35.28 -0.82 0.00	36.46 -0.70 0.00	38.53 -0.59 0.00	31.68 -0.56 0.00	35.38 -0.65 0.00	36.98 -0.38 0.00	32.68 -0.44 0.00	31.33 -0.47 0.00
STA_82____115KV_TB1 80780	26.21 -0.74 0.00	26.87 -0.94 0.00	27.12 -1.15 0.00	25.84 -1.05 0.00	28.12 -1.12 0.77	28.11 -1.09 1.46	32.23 -0.95 0.00	34.54 -1.00 0.00	36.22 -0.79 0.00	30.74 -0.97 0.17	30.37 -1.03 0.00	29.96 -0.87 0.00	30.34 -0.84 0.00	29.51 -0.91 0.00	32.12 -0.83 0.00	32.60 -0.87 0.00	34.99 -1.11 0.00	36.14 -1.01 0.00	38.18 -0.94 0.00	31.41 -0.83 0.00	35.08 -0.96 0.00	36.68 -0.68 0.00	32.44 -0.68 0.00	31.12 -0.68 0.00
STEEL____WIND 323596	25.45 -1.50 0.00	17.80 -1.80 8.20	24.46 -2.23 1.59	15.96 -2.00 8.93	17.31 -2.24 10.46	23.79 -2.38 4.49	30.30 -2.15 0.73	24.97 -2.21 8.36	17.80 -1.71 17.50	12.81 -2.02 17.05	13.41 -1.77 16.22	22.97 -1.59 6.27	29.47 -1.59 0.12	28.55 -1.65 0.23	26.64 -1.60 4.71	30.24 -1.91 1.33	17.38 -1.98 16.75	18.45 -1.93 16.77	18.66 -1.84 18.61	26.39 -1.79 4.05	33.91 -2.12 0.00	34.26 -1.57 1.53	29.96 -1.54 1.62	30.33 -1.47 0.00
STEPHTWN_115KV_BK_2 55603	27.51 0.56 0.00	28.52 0.71 0.00	29.00 0.72 0.00	27.60 0.71 0.00	30.77 0.76 0.00	31.39 0.73 0.00	33.79 0.60 0.00	36.28 0.74 0.00	37.74 0.73 0.00	32.62 0.75 0.00	32.23 0.82 0.00	31.64 0.81 0.00	31.98 0.80 0.00	31.29 0.86 0.00	33.82 0.87 0.00	34.33 0.86 0.00	37.09 0.99 0.00	37.94 0.78 0.00	39.93 0.81 0.00	32.91 0.67 0.00	36.81 0.77 0.00	38.03 0.67 0.00	33.79 0.66 0.00	32.50 0.70 0.00
STEBEN_REC_LFGE 323667	25.74 -1.21 0.00	43.55 -2.02 -17.77	29.57 -2.17 -3.46	44.11 -2.13 -19.35	45.01 -2.22 -17.22	27.77 -2.30 0.59	32.63 -2.16 -1.60	51.15 -2.56 -18.17	72.56 -2.47 -38.02	64.58 -2.68 -35.39	64.32 -2.29 -35.20	42.43 -2.17 -13.77	29.24 -2.20 -0.26	28.60 -2.33 -0.50	40.78 -2.49 -10.33	33.67 -2.71 -2.91	70.55 -2.24 -36.69	72.91 -1.34 -37.10	79.05 -1.27 -41.21	39.48 -1.73 -8.98	34.56 -1.48 -0.01	39.76 -0.99 -3.39	35.47 -1.25 -3.60	30.74 -1.07 0.00
STILLWATER____SOLAR 323814	28.03 1.08 0.00	29.04 1.23 0.00	29.52 1.24 0.00	28.12 1.23 0.00	31.35 1.35 0.00	32.10 1.45 0.00	34.69 1.50 0.00	37.29 1.75 0.00	38.80 1.79 0.00	33.48 1.61 0.00	32.95 1.54 0.00	32.22 1.39 0.00	32.53 1.35 0.00	31.69 1.26 0.00	34.29 1.34 0.00	34.82 1.35 0.00	37.65 1.55 0.00	38.65 1.50 0.00	40.68 1.56 0.00	33.52 1.28 0.00	37.59 1.56 0.00	38.84 1.48 0.00	34.31 1.19 0.00	32.97 1.16 0.00

STONY___BROOK 24151	28.64 1.69 0.00	29.52 1.71 0.00	31.73 1.81 -1.65	28.64 1.74 -0.01	31.87 1.87 0.00	32.53 1.86 -0.01	46.79 1.95 -11.65	51.90 2.07 -14.29	52.91 1.89 -14.02	35.49 1.90 -1.71	33.23 1.82 0.00	32.67 1.84 0.00	33.26 2.08 0.00	32.22 1.79 0.00	35.01 2.06 0.00	35.67 2.20 0.00	38.47 2.37 0.00	39.46 2.31 0.00	41.20 2.08 0.00	34.06 1.83 0.00	38.29 2.26 0.00	39.45 2.09 0.00	35.04 1.92 0.00	33.64 1.84 0.00
STURGEON_POOL_HYD 23609	27.90 0.95 0.00	28.86 1.06 0.00	29.37 1.10 0.00	27.96 1.06 0.00	31.16 1.15 0.00	31.78 1.12 0.00	34.39 1.20 0.00	36.87 1.33 0.00	38.37 1.36 0.00	33.12 1.25 0.00	32.78 1.37 0.00	32.31 1.48 0.00	32.77 1.59 0.00	32.06 1.64 0.00	34.76 1.81 0.00	35.35 1.88 0.00	38.14 2.03 0.00	39.25 2.09 0.00	41.16 2.04 0.00	33.88 1.65 0.00	37.87 1.83 0.00	39.00 1.64 0.00	34.45 1.33 0.00	32.97 1.17 0.00
ST_LAW_115_BK7_LBMP 345037	26.84 -0.11 0.00	27.62 -0.19 0.00	28.12 -0.15 0.00	26.71 -0.18 0.00	29.81 -0.20 0.00	30.61 -0.04 0.00	33.26 0.07 0.00	35.64 0.11 0.00	37.12 0.11 0.00	31.93 0.06 0.00	31.39 -0.02 0.00	30.78 -0.05 0.00	31.12 -0.06 0.00	30.39 -0.04 0.00	32.93 -0.02 0.00	33.45 -0.02 0.00	36.06 -0.05 0.00	37.10 -0.05 0.00	39.05 -0.07 0.00	32.17 -0.06 0.00	35.96 -0.07 0.00	37.26 -0.10 0.00	33.01 -0.11 0.00	31.70 -0.10 0.00
ST_LAW_115_BK8_LBMP 345038	26.84 -0.11 0.00	27.62 -0.19 0.00	28.12 -0.15 0.00	26.71 -0.18 0.00	29.81 -0.20 0.00	30.61 -0.04 0.00	33.26 0.07 0.00	35.64 0.11 0.00	37.12 0.11 0.00	31.93 0.06 0.00	31.39 -0.02 0.00	30.78 -0.05 0.00	31.12 -0.06 0.00	30.39 -0.04 0.00	32.93 -0.02 0.00	33.45 -0.02 0.00	36.06 -0.05 0.00	37.10 -0.05 0.00	39.05 -0.07 0.00	32.17 -0.06 0.00	35.96 -0.07 0.00	37.26 -0.10 0.00	33.01 -0.11 0.00	31.70 -0.10 0.00
ST_LAW_230_BK5_LBMP 345035	26.86 -0.09 0.00	27.64 -0.16 0.00	28.13 -0.14 0.00	26.73 -0.16 0.00	29.83 -0.18 0.00	30.63 -0.03 0.00	33.26 0.08 0.00	35.66 0.12 0.00	37.13 0.12 0.00	31.94 0.06 0.00	31.40 -0.01 0.00	30.81 -0.02 0.00	31.14 -0.03 0.00	30.41 -0.02 0.00	32.95 0.00 0.00	33.49 0.01 0.00	36.09 -0.01 0.00	37.14 -0.01 0.00	39.09 -0.03 0.00	32.20 -0.04 0.00	36.00 -0.04 0.00	37.30 -0.06 0.00	33.04 -0.08 0.00	31.73 -0.07 0.00
ST_LAW_230_BK6_LBMP 345036	26.86 -0.09 0.00	27.64 -0.16 0.00	28.13 -0.14 0.00	26.73 -0.16 0.00	29.83 -0.18 0.00	30.63 -0.03 0.00	33.26 0.08 0.00	35.66 0.12 0.00	37.13 0.12 0.00	31.94 0.06 0.00	31.40 -0.01 0.00	30.81 -0.02 0.00	31.14 -0.03 0.00	30.41 -0.02 0.00	32.95 0.00 0.00	33.49 0.01 0.00	36.09 -0.01 0.00	37.14 -0.01 0.00	39.09 -0.03 0.00	32.20 -0.04 0.00	36.00 -0.04 0.00	37.30 -0.06 0.00	33.04 -0.08 0.00	31.73 -0.07 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	27.87 0.92 0.00	28.83 1.03 0.00	29.35 1.08 0.00	27.95 1.05 0.00	31.31 1.13 -0.17	32.09 1.12 -0.31	34.36 1.17 0.00	36.79 1.25 0.00	38.28 1.27 0.00	33.05 1.18 0.00	32.70 1.29 0.00	32.25 1.42 0.00	32.71 1.53 0.00	32.00 1.57 0.00	34.67 1.72 0.00	35.25 1.78 0.00	38.02 1.92 0.00	39.11 1.96 0.00	40.98 1.86 0.00	33.79 1.55 0.00	37.74 1.71 0.00	38.84 1.48 0.00	34.30 1.18 0.00	32.83 1.03 0.00
SWANROAD_115KV_TB1 355699	25.00 -1.95 0.00	19.31 -2.22 6.27	24.34 -2.72 1.22	17.70 -2.35 6.84	19.25 -2.59 8.16	24.20 -2.74 3.73	29.82 -2.80 0.56	26.33 -2.82 6.39	21.28 -2.34 13.39	16.33 -2.47 13.08	16.69 -2.31 12.41	23.80 -2.23 4.79	28.69 -2.39 0.09	27.80 -2.45 0.17	27.03 -2.32 3.60	29.71 -2.74 1.02	20.56 -2.74 12.80	21.64 -2.66 12.85	22.20 -2.67 14.26	26.47 -2.66 3.10	32.83 -3.21 0.00	33.60 -2.60 1.17	29.53 -2.36 1.24	29.64 -2.16 0.00
SYNERGY___BIOGAS 323694	26.16 -0.79 0.00	22.65 -1.06 4.09	26.06 -1.42 0.80	21.23 -1.20 4.46	23.16 -1.28 5.57	26.50 -1.27 2.89	31.74 -1.08 0.37	30.40 -0.97 4.17	27.70 -0.58 8.73	22.10 -1.20 8.58	22.01 -1.31 8.09	26.76 -0.95 3.12	30.08 -1.04 0.06	28.93 -1.39 0.11	29.58 -1.04 2.34	31.78 -1.03 0.66	26.29 -1.49 8.33	27.49 -1.32 8.34	28.95 -0.91 9.26	29.32 -0.90 2.02	34.94 -1.09 0.00	36.00 -0.60 0.76	31.63 -0.69 0.81	31.13 -0.67 0.00
SYRACUSE___ENERGY_ST1 323597	26.75 -0.20 0.00	27.59 -0.22 0.00	28.03 -0.25 0.00	26.65 -0.23 0.00	29.54 -0.26 0.22	29.97 -0.28 0.41	32.90 -0.28 0.00	35.18 -0.36 0.00	36.68 -0.33 0.00	31.54 -0.33 0.00	31.07 -0.34 0.00	30.45 -0.39 0.00	30.73 -0.45 0.00	29.89 -0.53 0.00	32.41 -0.54 0.00	32.90 -0.58 0.00	35.51 -0.59 0.00	36.76 -0.40 0.00	38.78 -0.34 0.00	31.93 -0.30 0.00	35.67 -0.36 0.00	37.05 -0.31 0.00	32.86 -0.26 0.00	31.55 -0.25 0.00
SYRACUSE___ENERGY_ST2 323598	26.75 -0.20 0.00	27.59 -0.22 0.00	28.03 -0.25 0.00	26.65 -0.23 0.00	29.54 -0.26 0.22	29.97 -0.28 0.41	32.90 -0.28 0.00	35.18 -0.36 0.00	36.68 -0.33 0.00	31.54 -0.33 0.00	31.07 -0.34 0.00	30.45 -0.39 0.00	30.73 -0.45 0.00	29.89 -0.53 0.00	32.41 -0.54 0.00	32.90 -0.58 0.00	35.51 -0.59 0.00	36.76 -0.40 0.00	38.78 -0.34 0.00	31.93 -0.30 0.00	35.67 -0.36 0.00	37.05 -0.31 0.00	32.86 -0.26 0.00	31.55 -0.25 0.00
SYRACUSE___POWER 24017	26.78 -0.17 0.00	27.61 -0.19 0.00	28.05 -0.23 0.00	26.68 -0.21 0.00	29.79 -0.22 0.00	30.42 -0.24 0.00	32.97 -0.22 0.00	35.27 -0.27 0.00	36.77 -0.24 0.00	31.70 -0.24 -0.07	31.17 -0.24 0.00	30.55 -0.28 0.00	30.83 -0.35 0.00	29.98 -0.45 0.00	32.48 -0.47 0.00	32.98 -0.49 0.00	35.58 -0.53 0.00	36.80 -0.36 0.00	38.87 -0.26 0.00	32.00 -0.23 0.00	35.74 -0.29 0.00	37.12 -0.24 0.00	32.92 -0.20 0.00	31.58 -0.22 0.00
TALLMAN__138KV_BK151 55660	27.98 1.03 0.00	28.95 1.14 0.00	29.48 1.20 0.00	28.05 1.16 0.00	31.42 1.25 -0.16	32.20 1.24 -0.30	34.51 1.32 0.00	36.93 1.39 0.00	38.42 1.41 0.00	33.20 1.32 0.00	32.87 1.46 0.00	32.47 1.64 0.00	32.93 1.75 0.00	32.19 1.77 0.00	34.90 1.95 0.00	35.47 2.00 0.00	38.24 2.14 0.00	39.32 2.16 0.00	41.18 2.06 0.00	33.95 1.71 0.00	37.91 1.88 0.00	38.98 1.62 0.00	34.39 1.27 0.00	32.91 1.11 0.00
TEALLAVE_115KV_TB7 355573	26.66 -0.29 0.00	27.49 -0.31 0.00	27.92 -0.36 0.00	26.55 -0.34 0.00	29.66 -0.35 0.00	30.28 -0.38 0.00	32.81 -0.37 0.00	35.10 -0.44 0.00	36.60 -0.41 0.00	31.48 -0.39 0.00	31.03 -0.38 0.00	30.43 -0.40 0.00	30.70 -0.47 0.00	29.87 -0.55 0.00	32.37 -0.58 0.00	32.87 -0.61 0.00	35.44 -0.66 0.00	36.66 -0.50 0.00	38.69 -0.43 0.00	31.85 -0.39 0.00	35.57 -0.46 0.00	36.94 -0.42 0.00	32.77 -0.35 0.00	31.44 -0.36 0.00
TELGRAPH_34_KV_EAST 80808	25.62 -1.33 0.00	21.04 -1.61 5.15	25.24 -2.03 1.00	19.53 -1.75 5.61	21.29 -1.90 6.82	25.40 -1.97 3.28	30.84 -1.89 0.46	28.44 -1.85 5.25	24.58 -1.44 10.99	19.36 -1.75 10.76	19.53 -1.69 10.19	25.38 -1.52 3.93	29.47 -1.64 0.07	28.49 -1.80 0.14	28.41 -1.59 2.95	30.80 -1.84 0.83	23.61 -1.99 10.50	24.81 -1.82 10.53	25.73 -1.71 11.68	27.98 -1.72 2.54	33.97 -2.07 0.00	34.89 -1.51 0.96	30.64 -1.46 1.02	30.44 -1.36 0.00

TEMPLE___115KV_TB 2 55572	26.67 -0.28 0.00	27.50 -0.31 0.00	27.92 -0.35 0.00	26.56 -0.34 0.00	29.67 -0.35 0.00	30.28 -0.38 0.00	32.81 -0.37 0.00	35.10 -0.44 0.00	36.61 -0.41 0.00	31.50 -0.38 0.00	31.03 -0.37 0.00	30.43 -0.40 0.00	30.71 -0.46 0.00	29.89 -0.53 0.00	32.38 -0.57 0.00	32.88 -0.59 0.00	35.46 -0.65 0.00	36.67 -0.49 0.00	38.70 -0.42 0.00	31.85 -0.39 0.00	35.58 -0.46 0.00	36.95 -0.41 0.00	32.78 -0.35 0.00	31.45 -0.35 0.00
TIANA___69_KV_BK 1 55817	29.10 2.15 0.00	29.97 2.17 0.00	32.18 2.26 -1.64	29.10 2.20 -0.01	32.39 2.39 0.00	33.06 2.40 -0.01	47.34 2.56 -11.60	52.48 2.72 -14.23	53.54 2.58 -13.95	36.04 2.47 -1.70	33.74 2.33 0.00	33.09 2.26 0.00	33.63 2.46 0.00	32.61 2.18 0.00	35.44 2.49 0.00	36.14 2.67 0.00	39.14 3.03 0.00	40.19 3.04 0.00	41.61 2.49 0.00	34.18 1.95 0.00	38.41 2.37 0.00	39.56 2.20 0.00	35.08 1.96 0.00	33.65 1.84 0.00
TILDEN___115KV_TB1 80814	26.78 -0.17 0.00	27.61 -0.19 0.00	28.05 -0.23 0.00	26.68 -0.21 0.00	29.79 -0.22 0.00	30.42 -0.24 0.00	32.97 -0.22 0.00	35.27 -0.27 0.00	36.77 -0.24 0.00	31.70 -0.24 -0.07	31.17 -0.24 0.00	30.55 -0.28 0.00	30.83 -0.35 0.00	29.98 -0.45 0.00	32.48 -0.47 0.00	32.98 -0.49 0.00	35.58 -0.53 0.00	36.80 -0.36 0.00	38.87 -0.26 0.00	32.00 -0.23 0.00	35.74 -0.29 0.00	37.12 -0.24 0.00	32.92 -0.20 0.00	31.58 -0.22 0.00
TRIGEN___CC 323695	28.31 1.36 0.00	29.24 1.43 0.00	32.70 1.57 -2.86	28.42 1.52 -0.01	31.62 1.61 0.00	32.28 1.60 -0.01	55.02 1.67 -20.16	62.02 1.77 -24.72	63.00 1.75 -24.24	36.49 1.67 -2.96	33.15 1.74 0.00	32.69 1.86 0.00	33.24 2.06 0.00	32.37 1.94 0.00	35.17 2.22 0.00	35.80 2.33 0.00	38.64 2.54 0.00	39.66 2.51 0.00	41.50 2.38 0.00	34.22 1.98 0.00	38.29 2.26 0.00	39.38 2.03 0.00	34.89 1.77 0.00	33.43 1.62 0.00
TRINITY___115KV___ 4 BK 55933	27.35 0.40 0.00	28.33 0.52 0.00	28.81 0.54 0.00	27.41 0.52 0.00	30.56 0.55 0.00	31.15 0.49 0.00	33.49 0.30 0.00	35.95 0.41 0.00	37.39 0.37 0.00	32.33 0.45 0.00	31.95 0.54 0.00	31.39 0.56 0.00	31.77 0.59 0.00	31.06 0.63 0.00	33.54 0.59 0.00	34.04 0.57 0.00	36.76 0.66 0.00	37.59 0.43 0.00	39.54 0.42 0.00	32.57 0.33 0.00	36.47 0.43 0.00	37.70 0.34 0.00	33.51 0.38 0.00	32.27 0.47 0.00
UNION___PROCESSING_DRP 323587	26.21 -0.74 0.00	26.87 -0.94 0.00	27.12 -1.15 0.00	25.84 -1.05 0.00	28.12 -1.12 0.77	28.12 -1.09 1.46	32.24 -0.95 0.00	34.55 -0.99 0.00	36.23 -0.78 0.00	30.74 -0.97 0.17	30.37 -1.03 0.00	29.96 -0.87 0.00	30.34 -0.84 0.00	29.51 -0.91 0.00	32.13 -0.82 0.00	32.60 -0.87 0.00	35.00 -1.11 0.00	36.15 -1.01 0.00	38.19 -0.93 0.00	31.41 -0.82 0.00	35.09 -0.95 0.00	36.68 -0.68 0.00	32.45 -0.68 0.00	31.13 -0.67 0.00
UPPER HUDSON___HYD 24058	28.08 1.13 0.00	29.10 1.30 0.00	29.60 1.33 0.00	28.26 1.37 0.00	31.50 1.49 0.00	32.37 1.71 0.00	35.00 1.81 0.00	37.68 2.14 0.00	39.26 2.25 0.00	33.87 2.00 0.00	33.15 1.74 0.00	32.36 1.53 0.00	32.55 1.37 0.00	31.72 1.29 0.00	34.37 1.42 0.00	34.92 1.45 0.00	37.78 1.67 0.00	38.86 1.71 0.00	40.92 1.80 0.00	33.68 1.45 0.00	37.81 1.78 0.00	39.02 1.66 0.00	34.36 1.24 0.00	33.07 1.27 0.00
UPPER RAQUET___HYD 24056	26.50 -0.44 0.00	27.27 -0.54 0.00	27.79 -0.48 0.00	26.41 -0.48 0.00	29.45 -0.56 0.00	30.16 -0.50 0.00	32.88 -0.31 0.00	35.20 -0.33 0.00	36.61 -0.40 0.00	31.46 -0.41 0.00	30.80 -0.61 0.00	29.85 -0.98 0.00	30.01 -1.16 0.00	29.36 -1.07 0.00	31.98 -0.96 0.00	32.44 -1.03 0.00	34.84 -1.27 0.00	35.86 -1.30 0.00	37.90 -1.23 0.00	31.30 -0.93 0.00	34.86 -1.17 0.00	36.11 -1.26 0.00	32.10 -1.02 0.00	30.99 -0.81 0.00
VALLEY44___115KV_TB2 355964	25.54 -1.41 0.00	19.94 -1.49 6.37	25.11 -1.92 1.24	18.33 -1.63 6.94	19.57 -1.75 8.69	24.07 -2.05 4.54	30.86 -1.75 0.57	27.23 -1.81 6.50	21.97 -1.44 13.60	16.83 -1.67 13.37	17.51 -1.32 12.58	24.79 -1.19 4.86	29.87 -1.22 0.09	28.92 -1.33 0.18	28.12 -1.19 3.64	31.11 -1.33 1.03	21.78 -1.36 12.97	22.30 -1.36 13.50	22.86 -1.24 15.02	27.71 -1.26 3.27	34.48 -1.55 0.00	34.99 -1.13 1.23	30.53 -1.28 1.31	30.47 -1.33 0.00
VALLEY___115KV_TB 1-4 80826	27.59 0.64 0.00	28.51 0.70 0.00	28.95 0.68 0.00	27.47 0.58 0.00	30.70 0.69 0.00	31.24 0.58 0.00	33.75 0.56 0.00	36.34 0.80 0.00	37.74 0.73 0.00	32.36 0.48 0.00	31.70 0.29 0.00	31.08 0.25 0.00	31.75 0.57 0.00	31.06 0.64 0.00	33.71 0.76 0.00	34.14 0.67 0.00	36.97 0.87 0.00	37.90 0.75 0.00	39.75 0.63 0.00	33.16 0.92 0.00	37.29 1.26 0.00	38.57 1.21 0.00	34.13 1.01 0.00	32.75 0.95 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	27.84 0.89 0.00	28.74 0.94 0.00	29.24 0.96 0.00	27.83 0.94 0.00	31.58 1.09 -0.48	32.77 1.21 -0.90	35.85 2.66 0.00	38.50 2.96 0.00	39.98 2.97 0.00	34.34 2.40 -0.07	33.66 2.25 0.00	32.84 2.01 0.00	33.27 2.10 0.00	32.29 1.86 0.00	34.58 1.63 0.00	34.80 1.33 0.00	37.56 1.45 0.00	38.80 1.65 0.00	40.79 1.67 0.00	33.57 1.33 0.00	37.50 1.47 0.00	38.91 1.55 0.00	34.36 1.24 0.00	32.88 1.08 0.00
VISCHER___FERRY HYD 24020	27.66 0.71 0.00	28.65 0.85 0.00	29.13 0.86 0.00	27.73 0.84 0.00	30.88 0.87 0.00	31.53 0.87 0.00	34.00 0.82 0.00	36.55 1.01 0.00	38.01 1.00 0.00	32.85 0.98 0.00	32.43 1.02 0.00	31.84 1.01 0.00	32.16 0.98 0.00	31.38 0.95 0.00	33.88 0.93 0.00	34.41 0.94 0.00	37.20 1.09 0.00	38.12 0.97 0.00	40.11 0.99 0.00	33.05 0.82 0.00	37.07 1.03 0.00	38.32 0.96 0.00	33.94 0.81 0.00	32.63 0.83 0.00
V_A_10_SYNC_DSASP 323832	25.46 -1.49 0.00	21.57 -1.77 4.46	25.30 -2.11 0.87	20.11 -1.92 4.86	21.92 -2.10 5.99	25.51 -2.15 3.00	30.74 -2.05 0.40	28.80 -2.19 4.55	25.59 -1.90 9.52	20.55 -1.98 9.34	20.72 -1.87 8.82	25.76 -1.67 3.40	29.44 -1.67 0.06	28.60 -1.71 0.12	28.70 -1.70 2.55	30.85 -1.90 0.72	24.85 -2.16 9.09	25.91 -2.11 9.13	26.88 -2.10 10.14	28.13 -1.90 2.21	33.84 -2.19 0.00	34.78 -1.75 0.83	30.60 -1.64 0.88	30.26 -1.54 0.00
V_CMM_10_SYNC_DSASP 323787	27.05 0.10 0.00	27.83 0.03 0.00	28.33 0.05 0.00	26.91 0.02 0.00	30.04 0.03 0.00	30.87 0.21 0.00	33.53 0.35 0.00	35.96 0.42 0.00	37.45 0.44 0.00	32.21 0.34 0.00	31.66 0.26 0.00	31.02 0.18 0.00	31.42 0.24 0.00	30.63 0.20 0.00	33.16 0.21 0.00	33.72 0.24 0.00	36.33 0.23 0.00	37.39 0.23 0.00	39.36 0.24 0.00	32.43 0.19 0.00	36.25 0.21 0.00	37.55 0.19 0.00	33.26 0.13 0.00	31.92 0.12 0.00
V_CMP_10_SYNC_DSASP 323788	27.18 0.23 0.00	27.95 0.14 0.00	28.42 0.15 0.00	27.04 0.15 0.00	30.19 0.18 0.00	31.11 0.45 0.00	33.72 0.53 0.00	36.18 0.64 0.00	37.67 0.66 0.00	32.44 0.57 0.00	31.84 0.43 0.00	31.16 0.32 0.00	31.38 0.20 0.00	30.67 0.24 0.00	33.28 0.33 0.00	33.88 0.40 0.00	36.68 0.58 0.00	37.65 0.49 0.00	39.64 0.52 0.00	32.59 0.35 0.00	36.46 0.43 0.00	37.70 0.34 0.00	33.42 0.29 0.00	32.17 0.37 0.00

V_D_10_SYNC_DSASP 323841	27.06 0.11 0.00	27.84 0.04 0.00	28.34 0.07 0.00	26.92 0.03 0.00	30.04 0.04 0.00	30.87 0.20 0.00	33.55 0.37 0.00	35.96 0.42 0.00	37.45 0.44 0.00	32.21 0.33 0.00	31.64 0.23 0.00	31.00 0.17 0.00	31.30 0.13 0.00	30.59 0.16 0.00	33.15 0.20 0.00	33.66 0.19 0.00	36.28 0.18 0.00	37.34 0.19 0.00	39.33 0.21 0.00	32.42 0.18 0.00	36.22 0.18 0.00	37.52 0.16 0.00	33.23 0.11 0.00	31.92 0.12 0.00
V_E_10_SYNC_DSASP 323830	28.19 1.24 0.00	30.37 1.44 -0.12	29.95 1.46 -0.22	29.41 1.30 -1.23	33.22 1.70 -1.51	33.34 1.93 -0.75	35.91 2.61 -0.11	39.54 2.77 -1.23	41.94 2.35 -2.58	36.40 1.62 -2.90	35.04 1.24 -2.38	32.95 1.19 -0.92	32.32 1.13 -0.02	30.95 0.49 -0.03	33.96 0.32 -0.69	33.87 0.22 -0.18	38.63 0.23 -2.29	39.38 -0.09 -2.32	43.05 1.35 -2.57	34.97 2.17 -0.56	38.80 2.76 0.00	40.62 3.05 -0.21	35.68 2.33 -0.23	33.94 2.14 0.00
V_F_30_NSYNC___DSASP 323816	28.07 1.12 0.00	29.07 1.27 0.00	29.57 1.29 0.00	28.16 1.27 0.00	31.39 1.38 0.00	32.14 1.48 0.00	34.74 1.55 0.00	37.35 1.81 0.00	38.87 1.86 0.00	33.54 1.67 0.00	33.00 1.59 0.00	32.28 1.45 0.00	32.59 1.42 0.00	31.73 1.30 0.00	34.33 1.38 0.00	34.85 1.38 0.00	37.69 1.58 0.00	38.69 1.53 0.00	40.70 1.58 0.00	33.55 1.31 0.00	37.62 1.59 0.00	38.87 1.51 0.00	34.33 1.21 0.00	32.98 1.18 0.00
V_F_30_SYNC_DSASP 323786	27.43 0.48 0.00	28.41 0.61 0.00	28.90 0.62 0.00	27.49 0.60 0.00	30.66 0.64 0.00	31.25 0.58 0.00	33.62 0.43 0.00	36.09 0.55 0.00	37.55 0.54 0.00	32.46 0.59 0.00	32.08 0.67 0.00	31.50 0.67 0.00	31.90 0.72 0.00	31.19 0.77 0.00	33.70 0.75 0.00	34.20 0.73 0.00	36.93 0.82 0.00	37.76 0.61 0.00	39.73 0.60 0.00	32.72 0.48 0.00	36.63 0.59 0.00	37.86 0.50 0.00	33.65 0.52 0.00	32.39 0.59 0.00
V_XM_10_SYNC_DSASP 323789	27.18 0.23 0.00	27.95 0.14 0.00	28.42 0.15 0.00	27.04 0.15 0.00	30.19 0.18 0.00	31.11 0.45 0.00	33.72 0.53 0.00	36.18 0.64 0.00	37.67 0.66 0.00	32.44 0.57 0.00	31.84 0.43 0.00	31.16 0.32 0.00	31.38 0.20 0.00	30.67 0.24 0.00	33.28 0.33 0.00	33.88 0.40 0.00	36.68 0.58 0.00	37.65 0.49 0.00	39.64 0.52 0.00	32.59 0.35 0.00	36.46 0.43 0.00	37.70 0.34 0.00	33.42 0.29 0.00	32.17 0.37 0.00
W.BABYLN_69_KV_BK1 56697	28.79 1.84 0.00	29.68 1.87 0.00	32.10 1.99 -1.84	28.81 1.91 -0.01	32.07 2.06 0.00	32.74 2.07 -0.01	48.36 2.21 -12.96	53.82 2.39 -15.90	54.88 2.29 -15.59	35.86 2.08 -1.90	33.44 2.03 0.00	32.93 2.10 0.00	33.53 2.35 0.00	32.52 2.10 0.00	35.33 2.38 0.00	36.01 2.54 0.00	39.05 2.94 0.00	40.08 2.92 0.00	41.90 2.78 0.00	34.58 2.34 0.00	38.82 2.78 0.00	39.96 2.60 0.00	35.42 2.29 0.00	33.95 2.14 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	28.07 1.12 0.00	29.04 1.23 0.00	29.56 1.29 0.00	28.14 1.24 0.00	31.36 1.35 0.00	32.00 1.34 0.00	34.62 1.43 0.00	37.06 1.52 0.00	38.57 1.56 0.00	33.31 1.44 0.00	32.99 1.58 0.00	32.57 1.74 0.00	33.03 1.86 0.00	32.30 1.87 0.00	35.03 2.08 0.00	35.61 2.14 0.00	38.39 2.28 0.00	39.47 2.32 0.00	41.34 2.22 0.00	34.08 1.84 0.00	38.06 2.02 0.00	39.12 1.76 0.00	34.53 1.41 0.00	33.04 1.24 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	28.23 1.28 0.00	29.19 1.39 0.00	29.67 1.40 0.00	28.24 1.35 0.00	31.45 1.44 0.00	32.11 1.45 0.00	34.74 1.55 0.00	37.20 1.66 0.00	38.69 1.69 0.00	33.45 1.58 0.00	33.14 1.74 0.00	32.78 1.95 0.00	33.24 2.06 0.00	32.52 2.09 0.00	35.28 2.33 0.00	35.85 2.38 0.00	38.68 2.58 0.00	39.81 2.66 0.00	41.68 2.56 0.00	34.25 2.02 0.00	38.20 2.16 0.00	39.23 1.87 0.00	34.63 1.50 0.00	33.13 1.33 0.00
W50THST__13_KV_LOAD 356117	28.35 1.40 0.00	29.32 1.52 0.00	29.80 1.53 0.00	28.36 1.46 0.00	31.57 1.56 0.00	32.24 1.58 0.00	34.90 1.72 0.00	37.41 1.87 0.00	38.93 1.92 0.00	33.66 1.79 0.00	33.37 1.96 0.00	33.01 2.18 0.00	33.48 2.30 0.00	32.76 2.33 0.00	35.56 2.61 0.00	36.12 2.64 0.00	38.97 2.86 0.00	40.09 2.93 0.00	41.96 2.84 0.00	34.44 2.21 0.00	38.40 2.36 0.00	39.41 2.05 0.00	34.79 1.66 0.00	33.27 1.47 0.00
WADING RIVER_IC_1 23522	28.83 1.88 0.00	29.70 1.89 0.00	31.91 1.99 -1.64	28.81 1.92 -0.01	32.08 2.07 0.00	32.74 2.07 -0.01	46.95 2.17 -11.59	52.06 2.30 -14.22	53.06 2.11 -13.94	35.67 2.10 -1.70	33.38 1.97 0.00	32.77 1.94 0.00	33.34 2.16 0.00	32.32 1.89 0.00	35.13 2.18 0.00	35.82 2.35 0.00	38.74 2.63 0.00	39.74 2.59 0.00	41.38 2.26 0.00	34.14 1.90 0.00	38.35 2.32 0.00	39.53 2.17 0.00	35.09 1.97 0.00	33.68 1.88 0.00
WADING RIVER_IC_2 23547	28.83 1.88 0.00	29.70 1.89 0.00	31.91 1.99 -1.64	28.81 1.92 -0.01	32.08 2.07 0.00	32.74 2.07 -0.01	46.95 2.17 -11.59	52.06 2.30 -14.22	53.06 2.11 -13.94	35.67 2.10 -1.70	33.38 1.97 0.00	32.77 1.94 0.00	33.34 2.16 0.00	32.32 1.89 0.00	35.13 2.18 0.00	35.82 2.35 0.00	38.74 2.63 0.00	39.74 2.59 0.00	41.38 2.26 0.00	34.14 1.90 0.00	38.35 2.32 0.00	39.53 2.17 0.00	35.09 1.97 0.00	33.68 1.88 0.00
WADING RIVER_IC_3 23601	28.83 1.88 0.00	29.70 1.89 0.00	31.91 1.99 -1.64	28.81 1.92 -0.01	32.08 2.07 0.00	32.74 2.07 -0.01	46.95 2.17 -11.59	52.06 2.30 -14.22	53.06 2.11 -13.94	35.67 2.10 -1.70	33.38 1.97 0.00	32.77 1.94 0.00	33.34 2.16 0.00	32.32 1.89 0.00	35.13 2.18 0.00	35.82 2.35 0.00	38.74 2.63 0.00	39.74 2.59 0.00	41.38 2.26 0.00	34.14 1.90 0.00	38.35 2.32 0.00	39.53 2.17 0.00	35.09 1.97 0.00	33.68 1.88 0.00
WALDENNY_12_KV_BK2 80841	25.49 -1.46 0.00	18.03 -1.78 7.99	24.52 -2.19 1.55	16.19 -1.99 8.71	17.62 -2.17 10.22	23.99 -2.26 4.41	30.37 -2.10 0.72	25.24 -2.15 8.15	18.22 -1.73 17.06	13.32 -1.93 16.63	13.87 -1.72 15.82	23.22 -1.50 6.12	29.50 -1.56 0.11	28.54 -1.67 0.22	26.84 -1.52 4.59	30.32 -1.86 1.30	17.80 -1.98 16.32	18.92 -1.88 16.36	19.13 -1.84 18.15	26.50 -1.78 3.95	33.93 -2.10 0.00	34.32 -1.55 1.49	30.02 -1.53 1.58	30.37 -1.43 0.00
WALDEN___HYDRO 24148	28.01 1.06 0.00	28.98 1.17 0.00	29.49 1.21 0.00	28.07 1.18 0.00	31.29 1.28 0.00	31.95 1.28 0.00	34.55 1.36 0.00	37.01 1.47 0.00	38.52 1.51 0.00	33.25 1.38 0.00	32.84 1.44 0.00	32.37 1.53 0.00	32.83 1.65 0.00	32.13 1.71 0.00	34.83 1.88 0.00	35.45 1.98 0.00	38.25 2.15 0.00	39.36 2.20 0.00	41.25 2.13 0.00	34.01 1.77 0.00	37.99 1.96 0.00	39.11 1.75 0.00	34.53 1.41 0.00	33.04 1.24 0.00
WARRENSBURG____ 23737	28.08 1.13 0.00	29.11 1.30 0.00	29.60 1.33 0.00	28.26 1.37 0.00	31.50 1.49 0.00	32.37 1.71 0.00	35.00 1.81 0.00	37.68 2.14 0.00	39.26 2.25 0.00	33.87 1.99 0.00	33.15 1.74 0.00	32.37 1.53 0.00	32.56 1.38 0.00	31.73 1.30 0.00	34.37 1.43 0.00	34.92 1.45 0.00	37.78 1.67 0.00	38.86 1.71 0.00	40.92 1.80 0.00	33.68 1.45 0.00	37.81 1.78 0.00	39.02 1.66 0.00	34.36 1.24 0.00	33.07 1.27 0.00

WATERSIDE___6 8 9 23538	28.21 1.26 0.00	29.17 1.37 0.00	29.65 1.37 0.00	28.21 1.32 0.00	31.40 1.40 0.00	32.07 1.41 0.00	34.66 1.47 0.00	37.13 1.59 0.00	38.64 1.63 0.00	33.42 1.55 0.00	33.09 1.68 0.00	32.73 1.90 0.00	33.19 2.02 0.00	32.47 2.05 0.00	35.20 2.25 0.00	35.78 2.31 0.00	38.59 2.48 0.00	39.70 2.55 0.00	41.56 2.44 0.00	34.16 1.93 0.00	38.10 2.07 0.00	39.16 1.80 0.00	34.57 1.45 0.00	33.08 1.28 0.00
WATKINRD_115KV_LN8_ILLION 55919	27.90 0.95 0.00	28.91 1.11 0.00	29.36 1.08 0.00	27.85 0.96 0.00	31.14 1.13 0.00	31.64 0.98 0.00	34.09 0.90 0.00	36.80 1.26 0.00	38.19 1.18 0.00	32.72 0.85 0.00	31.96 0.55 0.00	31.23 0.40 0.00	32.13 0.95 0.00	31.49 1.06 0.00	34.22 1.27 0.00	34.60 1.13 0.00	37.45 1.34 0.00	38.26 1.11 0.00	39.93 0.81 0.00	33.54 1.31 0.00	37.86 1.83 0.00	39.12 1.76 0.00	34.59 1.46 0.00	33.18 1.38 0.00
WDELAWARE___HYD 323627	28.00 1.05 0.00	29.10 1.29 0.00	29.64 1.37 0.00	28.21 1.32 0.00	31.67 1.47 -0.19	32.58 1.56 -0.36	34.85 1.66 0.00	37.35 1.82 0.00	38.84 1.83 0.00	33.49 1.62 0.00	33.05 1.64 0.00	32.54 1.70 0.00	33.01 1.84 0.00	32.29 1.86 0.00	35.11 2.16 0.00	35.72 2.25 0.00	38.58 2.47 0.00	39.71 2.56 0.00	41.67 2.55 0.00	34.32 2.08 0.00	38.35 2.32 0.00	39.48 2.12 0.00	34.82 1.69 0.00	33.30 1.50 0.00
WEST BABYLON___IC 23714	28.79 1.84 0.00	29.68 1.87 0.00	32.10 1.99 -1.84	28.81 1.91 -0.01	32.07 2.06 0.00	32.74 2.07 -0.01	48.36 2.21 -12.96	53.82 2.39 -15.90	54.88 2.29 -15.59	35.86 2.08 -1.90	33.44 2.03 0.00	32.93 2.10 0.00	33.53 2.35 0.00	32.52 2.10 0.00	35.33 2.38 0.00	36.01 2.54 0.00	39.05 2.94 0.00	40.08 2.92 0.00	41.90 2.78 0.00	34.58 2.34 0.00	38.82 2.78 0.00	39.96 2.60 0.00	35.42 2.29 0.00	33.95 2.14 0.00
WEST CANADA___HYD 24049	26.98 0.04 0.00	27.86 0.06 0.00	28.33 0.06 0.00	26.94 0.06 0.00	30.07 0.06 0.00	30.70 0.04 0.00	33.22 0.03 0.00	35.57 0.03 0.00	37.03 0.02 0.00	31.90 0.03 0.00	31.44 0.03 0.00	30.88 0.05 0.00	31.24 0.06 0.00	30.49 0.06 0.00	33.00 0.05 0.00	33.53 0.06 0.00	36.18 0.08 0.00	37.19 0.04 0.00	39.17 0.05 0.00	32.30 0.06 0.00	36.11 0.07 0.00	37.42 0.06 0.00	33.17 0.04 0.00	31.83 0.03 0.00
WESTERN_NY_WIND 24143	26.11 -0.84 0.00	22.28 -1.11 4.43	25.94 -1.47 0.86	20.82 -1.25 4.82	22.71 -1.34 5.96	26.32 -1.33 3.01	31.64 -1.15 0.40	29.99 -1.04 4.51	26.93 -0.65 9.44	21.36 -1.26 9.26	21.31 -1.35 8.75	26.47 -0.99 3.37	30.04 -1.08 0.06	28.87 -1.43 0.12	29.33 -1.09 2.53	31.66 -1.10 0.71	25.54 -1.56 9.01	26.77 -1.36 9.03	28.14 -0.96 10.02	29.09 -0.96 2.18	34.87 -1.16 0.00	35.87 -0.67 0.82	31.50 -0.75 0.87	31.08 -0.72 0.00
WESTOVER___LESR 323668	26.98 0.03 0.00	27.84 0.03 0.00	28.26 -0.01 0.00	26.90 0.01 0.00	31.63 0.05 -1.58	33.64 0.00 -2.98	33.33 0.14 0.00	35.69 0.15 0.00	37.21 0.20 0.00	31.86 0.07 0.08	31.57 0.16 0.00	30.87 0.04 0.00	31.24 0.07 0.00	30.34 -0.08 0.00	32.85 -0.10 0.00	33.37 -0.11 0.00	36.00 -0.10 0.00	37.12 -0.04 0.00	39.20 0.08 0.00	32.25 0.02 0.00	36.02 -0.01 0.00	37.47 0.11 0.00	33.09 -0.04 0.00	31.74 -0.07 0.00
WETHRSFD_WT_PWR 323626	25.23 -1.72 0.00	3.49 -2.19 22.13	21.47 -2.50 4.30	0.43 -2.36 24.11	1.30 -2.62 26.09	19.79 -2.83 8.04	28.49 -2.71 1.98	10.14 -2.86 22.54	-12.81 -2.61 47.22	-16.43 -2.75 45.55	-14.94 -2.48 43.87	11.64 -2.19 17.00	28.68 -2.17 0.32	27.45 -2.36 0.62	17.83 -2.37 12.76	27.35 -2.53 3.60	-11.89 -2.64 45.36	-10.93 -2.46 45.62	-13.91 -2.39 50.64	19.00 -2.21 11.03	33.61 -2.42 0.01	31.27 -1.94 4.15	26.79 -1.93 4.41	30.01 -1.79 0.00
WHAVSTOR_138KV_BK127 55557	27.96 1.01 0.00	28.92 1.12 0.00	29.45 1.17 0.00	28.03 1.14 0.00	31.23 1.23 0.00	31.87 1.21 0.00	34.44 1.25 0.00	36.87 1.33 0.00	38.35 1.34 0.00	33.13 1.25 0.00	32.81 1.41 0.00	32.40 1.57 0.00	32.85 1.67 0.00	32.12 1.70 0.00	34.82 1.87 0.00	35.39 1.92 0.00	38.16 2.06 0.00	39.26 2.11 0.00	41.14 2.02 0.00	33.90 1.67 0.00	37.86 1.83 0.00	38.93 1.57 0.00	34.37 1.25 0.00	32.89 1.09 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	27.96 1.01 0.00	28.92 1.12 0.00	29.45 1.17 0.00	28.03 1.14 0.00	31.23 1.23 0.00	31.87 1.21 0.00	34.44 1.25 0.00	36.87 1.33 0.00	38.35 1.34 0.00	33.13 1.25 0.00	32.81 1.41 0.00	32.40 1.57 0.00	32.85 1.67 0.00	32.12 1.70 0.00	34.82 1.87 0.00	35.39 1.92 0.00	38.16 2.06 0.00	39.26 2.11 0.00	41.14 2.02 0.00	33.90 1.67 0.00	37.86 1.83 0.00	38.93 1.57 0.00	34.37 1.25 0.00	32.89 1.09 0.00
WHITEHAL_115KV_TB1 80871	28.16 1.21 0.00	29.30 1.50 0.00	29.72 1.45 0.00	28.64 1.75 0.00	31.85 1.84 0.00	33.13 2.47 0.00	35.57 2.38 0.00	38.44 2.90 0.00	40.16 3.15 0.00	34.80 2.93 0.00	34.16 2.76 0.00	33.25 2.42 0.00	33.10 1.92 0.00	31.97 1.54 0.00	34.97 2.02 0.00	35.53 2.06 0.00	38.65 2.55 0.00	39.97 2.81 0.00	42.11 2.99 0.00	34.50 2.27 0.00	38.93 2.90 0.00	40.10 2.74 0.00	35.02 1.90 0.00	33.69 1.88 0.00
WHITEPLN_13_KV_LOAD 356215	28.27 1.32 0.00	29.22 1.42 0.00	29.73 1.46 0.00	28.30 1.41 0.00	31.52 1.51 0.00	32.19 1.53 0.00	34.84 1.65 0.00	37.36 1.82 0.00	38.88 1.87 0.00	33.58 1.71 0.00	33.24 1.84 0.00	32.82 1.99 0.00	33.28 2.10 0.00	32.55 2.12 0.00	35.33 2.38 0.00	35.92 2.46 0.00	38.74 2.63 0.00	39.87 2.72 0.00	41.77 2.64 0.00	34.37 2.13 0.00	38.38 2.34 0.00	39.46 2.10 0.00	34.84 1.71 0.00	33.34 1.54 0.00
WM_FLOYD_69_KV_BK2 356380	28.82 1.87 0.00	29.69 1.88 0.00	31.89 1.97 -1.65	28.80 1.90 -0.01	32.06 2.05 0.00	32.70 2.04 -0.01	46.95 2.14 -11.62	52.07 2.28 -14.25	53.07 2.09 -13.98	35.65 2.07 -1.71	33.34 1.93 0.00	32.73 1.90 0.00	33.31 2.14 0.00	32.29 1.87 0.00	35.07 2.13 0.00	35.78 2.31 0.00	38.67 2.57 0.00	39.71 2.55 0.00	41.41 2.29 0.00	34.18 1.94 0.00	38.41 2.38 0.00	39.59 2.23 0.00	35.16 2.03 0.00	33.74 1.93 0.00
WOODARD___115KV_TB2 355635	26.63 -0.32 0.00	27.46 -0.34 0.00	27.90 -0.38 0.00	26.53 -0.36 0.00	29.46 -0.38 0.16	29.95 -0.41 0.31	32.77 -0.42 0.00	35.04 -0.50 0.00	36.53 -0.48 0.00	31.44 -0.43 0.00	30.97 -0.43 0.00	30.37 -0.46 0.00	30.65 -0.52 0.00	29.83 -0.59 0.00	32.33 -0.62 0.00	32.82 -0.65 0.00	35.39 -0.71 0.00	36.61 -0.55 0.00	38.63 -0.49 0.00	31.81 -0.43 0.00	35.52 -0.52 0.00	36.89 -0.47 0.00	32.72 -0.40 0.00	31.41 -0.39 0.00
YORK___WARBASSE 23770	28.29 1.34 0.00	29.25 1.45 0.00	29.74 1.47 0.00	28.30 1.41 0.00	31.52 1.51 0.00	32.18 1.53 0.00	34.81 1.62 0.00	37.26 1.72 0.00	38.80 1.79 0.00	33.52 1.64 0.00	33.19 1.78 0.00	32.84 2.01 0.00	33.30 2.13 0.00	32.59 2.16 0.00	35.34 2.39 0.00	35.93 2.46 0.00	38.75 2.65 0.00	39.88 2.72 0.00	41.72 2.60 0.00	34.29 2.05 0.00	38.25 2.22 0.00	39.31 1.95 0.00	34.69 1.56 0.00	33.18 1.38 0.00