

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

05/14/2026

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	32.99	31.35	31.41	31.06	27.62	32.02	36.21	41.31	38.58	37.91	37.64	43.16	41.65	38.80	36.75	36.98	44.90	39.22	40.34	45.45	54.97	48.75	37.51	32.91
24138	1.59	1.44	1.37	1.30	1.22	1.43	1.66	2.06	1.97	2.10	2.28	2.71	2.82	2.45	2.16	2.18	2.72	2.48	2.32	2.33	2.90	2.20	1.62	1.35
	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	33.01	31.37	31.44	31.07	27.63	32.02	36.20	41.29	38.55	37.85	37.58	43.09	41.58	38.73	36.67	36.94	44.83	39.17	40.29	45.41	54.93	48.81	37.59	32.98
24260	1.61	1.45	1.40	1.32	1.23	1.43	1.65	2.04	1.94	2.04	2.23	2.64	2.75	2.38	2.08	2.13	2.65	2.42	2.26	2.28	2.86	2.27	1.70	1.42
	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	33.01	31.37	31.44	31.07	27.63	32.02	36.20	41.29	38.55	37.85	37.58	43.09	41.58	38.73	36.67	36.94	44.83	39.17	40.29	45.41	54.93	48.81	37.59	32.98
24261	1.61	1.45	1.40	1.32	1.23	1.43	1.65	2.04	1.94	2.04	2.23	2.64	2.75	2.38	2.08	2.13	2.65	2.42	2.26	2.28	2.86	2.27	1.70	1.42
	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	32.84	31.29	31.49	31.17	27.67	32.10	36.43	41.58	38.63	37.56	36.96	42.22	40.58	37.90	36.08	36.48	44.63	38.83	40.20	45.61	55.00	49.17	37.73	33.00
24011	1.43	1.38	1.45	1.42	1.28	1.52	1.88	2.33	2.02	1.75	1.61	1.77	1.75	1.55	1.49	1.67	2.45	2.09	2.17	2.49	2.93	2.63	1.84	1.44
	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	33.02	31.47	31.66	31.31	27.83	32.35	36.73	41.99	39.00	37.89	37.19	42.43	40.78	38.12	36.32	36.74	44.95	39.12	40.45	45.91	55.35	49.51	37.95	33.13
23798	1.61	1.55	1.62	1.55	1.43	1.76	2.19	2.74	2.39	2.09	1.84	1.98	1.95	1.77	1.73	1.93	2.77	2.38	2.42	2.79	3.28	2.97	2.05	1.57
	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	32.84	31.29	31.49	31.17	27.67	32.10	36.43	41.58	38.63	37.56	36.96	42.22	40.58	37.90	36.08	36.48	44.63	38.83	40.20	45.61	55.00	49.17	37.73	33.00
24028	1.43	1.38	1.45	1.42	1.28	1.52	1.88	2.33	2.02	1.75	1.61	1.77	1.75	1.55	1.49	1.67	2.45	2.09	2.17	2.49	2.93	2.63	1.84	1.44
	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	32.39	30.90	31.04	30.82	27.27	31.52	35.64	40.65	37.87	37.09	36.70	41.93	40.33	37.64	35.89	36.16	43.84	37.91	39.26	44.48	53.47	48.01	37.09	32.43
23527	0.98	0.99	0.99	1.06	0.87	0.93	1.10	1.41	1.26	1.28	1.34	1.49	1.50	1.29	1.30	1.35	1.66	1.17	1.24	1.36	1.41	1.46	1.19	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
AIR_PRODUCTS___DRP	31.67	30.17	30.29	30.02	26.59	30.72	34.65	39.43	36.73	35.98	35.66	40.82	39.23	36.63	34.83	35.08	42.57	36.99	38.24	43.24	51.95	46.53	36.01	31.70
24190	0.26	0.25	0.25	0.25	0.19	0.13	0.11	0.18	0.13	0.17	0.31	0.37	0.39	0.28	0.24	0.27	0.40	0.25	0.21	0.12	-0.12	-0.02	0.11	0.14
	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	31.49	29.99	30.13	29.86	26.49	30.72	34.78	39.63	36.99	36.11	35.49	40.54	38.94	36.60	34.93	35.10	42.51	37.06	38.48	43.76	52.70	47.31	36.43	31.79
355683	0.08	0.08	0.08	0.10	0.09	0.13	0.23	0.38	0.38	0.30	0.13	0.09	0.11	0.25	0.34	0.29	0.34	0.32	0.45	0.63	0.63	0.77	0.53	0.23
	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	32.24	30.72	30.85	30.57	27.11	31.36	35.39	40.22	37.40	36.57	36.23	41.37	39.66	37.07	35.08	35.30	43.26	37.69	39.00	44.13	53.16	47.60	36.74	32.33
323833	0.83	0.81	0.81	0.80	0.71	0.77	0.85	0.97	0.79	0.76	0.87	0.93	0.83	0.72	0.49	0.49	1.08	0.95	0.97	1.00	1.09	1.06	0.84	0.77
	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	32.24	30.72	30.84	30.55	27.10	31.35	35.38	40.20	37.39	36.57	36.22	41.37	39.66	37.07	35.07	35.30	43.25	37.68	38.98	44.11	53.14	47.60	36.74	32.32
323834	0.83	0.81	0.80	0.79	0.70	0.76	0.84	0.96	0.79	0.76	0.86	0.92	0.82	0.72	0.48	0.49	1.07	0.94	0.96	0.99	1.07	1.05	0.84	0.76
	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	31.67	30.17	30.29	30.02	26.59	30.72	34.65	39.43	36.73	35.98	35.66	40.82	39.23	36.63	34.83	35.08	42.57	36.99	38.24	43.24	51.95	46.53	36.01	31.70
23571	0.26	0.25	0.25	0.25	0.19	0.13	0.11	0.18	0.13	0.17	0.31	0.37	0.39	0.28	0.24	0.27	0.40	0.25	0.21	0.12	-0.12	-0.02	0.11	0.14
	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	31.67 0.26 0.00	30.17 0.25 0.00	30.29 0.25 0.00	30.02 0.25 0.00	26.59 0.19 0.00	30.72 0.13 0.00	34.65 0.11 0.00	39.43 0.18 0.00	36.73 0.13 0.00	35.98 0.17 0.00	35.66 0.31 0.00	40.82 0.37 0.00	39.23 0.39 0.00	36.63 0.28 0.00	34.83 0.24 0.00	35.08 0.27 0.00	42.57 0.40 0.00	36.99 0.25 0.00	38.24 0.21 0.00	43.24 0.12 0.00	51.95 -0.12 0.00	46.53 -0.02 0.00	36.01 0.11 0.00	31.70 0.14 0.00
ALBANY___3 23573	31.67 0.26 0.00	30.17 0.25 0.00	30.29 0.25 0.00	30.02 0.25 0.00	26.59 0.19 0.00	30.72 0.13 0.00	34.65 0.11 0.00	39.43 0.18 0.00	36.73 0.13 0.00	35.98 0.17 0.00	35.66 0.31 0.00	40.82 0.37 0.00	39.23 0.39 0.00	36.63 0.28 0.00	34.83 0.24 0.00	35.08 0.27 0.00	42.57 0.40 0.00	36.99 0.25 0.00	38.24 0.21 0.00	43.24 0.12 0.00	51.95 -0.12 0.00	46.53 -0.02 0.00	36.01 0.11 0.00	31.70 0.14 0.00
ALBANY___4 23574	31.67 0.26 0.00	30.17 0.25 0.00	30.29 0.25 0.00	30.02 0.25 0.00	26.59 0.19 0.00	30.72 0.13 0.00	34.65 0.11 0.00	39.43 0.18 0.00	36.73 0.13 0.00	35.98 0.17 0.00	35.66 0.31 0.00	40.82 0.37 0.00	39.23 0.39 0.00	36.63 0.28 0.00	34.83 0.24 0.00	35.08 0.27 0.00	42.57 0.40 0.00	36.99 0.25 0.00	38.24 0.21 0.00	43.24 0.12 0.00	51.95 -0.12 0.00	46.53 -0.02 0.00	36.01 0.11 0.00	31.70 0.14 0.00
ALBANY___LFGE 323615	31.93 0.52 0.00	30.43 0.51 0.00	30.54 0.50 0.00	30.27 0.51 0.00	26.82 0.42 0.00	30.99 0.41 0.00	34.99 0.45 0.00	39.81 0.57 0.00	37.10 0.49 0.00	36.34 0.54 0.00	36.01 0.65 0.00	41.23 0.78 0.00	39.61 0.78 0.00	36.98 0.63 0.00	35.16 0.57 0.00	35.41 0.60 0.00	43.03 0.85 0.00	37.38 0.64 0.00	38.63 0.60 0.00	43.69 0.57 0.00	52.53 0.46 0.00	47.04 0.49 0.00	36.35 0.46 0.00	31.98 0.42 0.00
ALCOA_PA_115KV_PL-6C 55860	31.53 0.12 0.00	30.04 0.13 0.00	30.17 0.13 0.00	29.92 0.15 0.00	26.54 0.14 0.00	30.77 0.18 0.00	34.85 0.30 0.00	39.70 0.45 0.00	37.03 0.43 0.00	36.17 0.36 0.00	35.52 0.17 0.00	40.54 0.09 0.00	38.94 0.10 0.00	36.59 0.24 0.00	34.93 0.34 0.00	35.09 0.28 0.00	42.47 0.29 0.00	37.05 0.31 0.00	38.48 0.45 0.00	43.75 0.63 0.00	52.78 0.71 0.00	47.27 0.72 0.00	36.44 0.55 0.00	31.81 0.25 0.00
ALCOA_RYNLDS___DRP 24188	31.53 0.12 0.00	30.04 0.13 0.00	30.17 0.13 0.00	29.91 0.15 0.00	26.54 0.14 0.00	30.77 0.18 0.00	34.85 0.30 0.00	39.70 0.45 0.00	37.03 0.42 0.00	36.17 0.36 0.00	35.52 0.17 0.00	40.54 0.09 0.00	38.94 0.10 0.00	36.59 0.24 0.00	34.93 0.34 0.00	35.09 0.28 0.00	42.47 0.29 0.00	37.05 0.31 0.00	38.48 0.45 0.00	43.75 0.63 0.00	52.78 0.71 0.00	47.27 0.72 0.00	36.44 0.55 0.00	31.81 0.26 0.00
ALCOA___DSASP 323711	31.53 0.12 0.00	30.04 0.13 0.00	30.17 0.13 0.00	29.91 0.15 0.00	26.54 0.14 0.00	30.77 0.18 0.00	34.85 0.30 0.00	39.70 0.45 0.00	37.03 0.42 0.00	36.17 0.36 0.00	35.52 0.17 0.00	40.54 0.09 0.00	38.94 0.10 0.00	36.59 0.24 0.00	34.93 0.34 0.00	35.09 0.28 0.00	42.47 0.29 0.00	37.05 0.31 0.00	38.48 0.45 0.00	43.75 0.63 0.00	52.78 0.71 0.00	47.27 0.72 0.00	36.44 0.55 0.00	31.81 0.26 0.00
ALLEGHENY___COGEN 23514	31.46 -0.25 -0.31	29.72 -0.20 0.00	29.88 -0.16 0.00	29.55 -0.20 0.00	26.26 -0.14 0.00	30.67 0.08 0.00	34.91 0.37 0.00	39.78 0.53 0.00	37.08 0.47 0.00	36.02 0.22 0.00	35.71 0.35 0.00	40.97 0.52 0.00	39.00 0.17 0.00	36.70 0.35 0.00	35.06 0.47 0.00	35.10 0.29 0.00	47.00 0.27 -4.56	45.49 0.25 -8.49	38.62 0.59 0.00	44.16 1.04 0.00	53.87 1.80 0.00	47.89 1.35 0.00	36.62 0.72 0.00	32.22 0.67 0.00
ALTAMONT_115KV_TB 2 55880	31.95 0.55 0.00	30.42 0.51 0.00	30.54 0.50 0.00	30.25 0.49 0.00	26.81 0.42 0.00	31.03 0.44 0.00	35.04 0.50 0.00	39.86 0.61 0.00	37.12 0.52 0.00	36.36 0.55 0.00	35.97 0.61 0.00	41.17 0.72 0.00	39.57 0.74 0.00	36.95 0.61 0.00	35.12 0.53 0.00	35.38 0.57 0.00	42.96 0.78 0.00	37.39 0.65 0.00	38.66 0.63 0.00	43.76 0.63 0.00	52.72 0.65 0.00	47.15 0.60 0.00	36.40 0.51 0.00	32.01 0.45 0.00
ALTONA_WT_PWR 323606	31.67 0.26 0.00	30.17 0.25 0.00	30.26 0.22 0.00	29.97 0.20 0.00	26.61 0.21 0.00	30.85 0.26 0.00	34.93 0.39 0.00	39.83 0.58 0.00	37.18 0.57 0.00	36.38 0.57 0.00	35.70 0.34 0.00	40.80 0.35 0.00	39.17 0.34 0.00	36.83 0.49 0.00	35.15 0.56 0.00	35.29 0.48 0.00	42.73 0.55 0.00	37.21 0.46 0.00	38.56 0.53 0.00	43.85 0.73 0.00	53.05 0.98 0.00	47.50 0.95 0.00	36.53 0.64 0.00	31.88 0.32 0.00
AMERICAN_REF_FUEL 24010	28.63 -2.70 0.09	27.35 -2.56 0.00	27.52 -2.52 0.00	27.17 -2.58 0.00	24.10 -2.29 0.00	28.02 -2.57 0.00	31.65 -2.90 0.00	35.90 -3.35 0.00	33.73 -2.88 0.00	32.86 -2.94 0.00	32.36 -2.99 0.00	37.18 -3.27 0.00	35.58 -3.25 0.00	33.68 -2.67 0.00	31.83 -2.76 0.00	32.03 -2.78 0.00	37.08 -3.84 1.26	31.01 -3.39 2.35	34.48 -3.55 0.00	39.54 -3.58 0.00	48.27 -3.80 0.00	43.21 -3.34 0.00	33.20 -2.70 0.00	29.37 -2.19 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	29.78 -1.52 0.10	28.59 -1.33 0.00	28.75 -1.30 0.00	28.23 -1.53 0.00	25.05 -1.35 0.00	29.29 -1.30 0.00	33.21 -1.34 0.00	37.91 -1.34 0.00	35.61 -1.00 0.00	34.76 -1.05 0.00	34.28 -1.08 0.00	39.53 -0.92 0.00	37.85 -0.99 0.00	35.82 -0.53 0.00	33.87 -0.72 0.00	34.14 -0.67 0.00	39.63 -1.05 1.49	32.89 -1.06 2.79	36.87 -1.16 0.00	42.26 -0.86 0.00	51.62 -0.45 0.00	46.03 -0.52 0.00	35.05 -0.85 0.00	30.94 -0.62 0.00
ARTHUR KILL_GT_1 23520	32.95 1.55 0.00	31.33 1.42 0.00	31.41 1.37 0.00	31.10 1.35 0.00	27.73 1.34 0.00	32.15 1.56 0.00	36.33 1.79 0.00	41.39 2.14 0.00	38.62 2.01 0.00	37.91 2.10 0.00	37.60 2.24 0.00	43.15 2.70 0.00	41.61 2.77 0.00	38.76 2.41 0.00	36.68 2.09 0.00	36.89 2.09 0.00	44.85 2.67 0.00	39.13 2.39 0.00	40.31 2.28 -0.01	45.45 2.32 -0.01	54.94 2.86 -0.01	48.89 2.34 -0.01	37.67 1.78 0.00	33.06 1.51 0.00
ARTHUR_KILL_2 23512	32.89 1.48 0.00	31.26 1.34 0.00	31.34 1.30 0.00	31.04 1.28 0.00	27.67 1.27 0.00	32.07 1.48 0.00	36.25 1.71 0.00	41.29 2.04 0.00	38.52 1.91 0.00	37.82 2.01 0.00	37.51 2.15 0.00	43.05 2.60 0.00	41.52 2.69 0.00	38.68 2.33 0.00	36.60 2.01 0.00	36.81 2.01 0.00	44.76 2.58 0.00	39.04 2.30 0.00	40.21 2.18 -0.01	45.32 2.19 -0.01	54.78 2.70 -0.01	48.76 2.20 -0.01	37.57 1.67 0.00	32.98 1.42 0.00
ARTHUR_KILL_3 23513	32.74 1.33 0.00	31.11 1.20 0.00	31.18 1.13 0.00	30.81 1.05 0.00	27.38 0.98 0.00	31.74 1.15 0.00	35.87 1.33 0.00	40.89 1.64 0.00	38.15 1.55 0.00	37.45 1.64 0.00	37.20 1.84 0.00	42.64 2.19 0.00	41.15 2.32 0.00	38.33 1.98 0.00	36.29 1.71 0.00	36.56 1.75 0.00	44.38 2.21 0.00	38.81 2.07 0.00	39.93 1.91 0.00	45.02 1.90 0.00	54.48 2.41 0.00	48.40 1.85 0.00	37.25 1.36 0.00	32.70 1.14 0.00

ARTHUR_KILL_COGEN 323718	32.96 1.56 0.00	31.33 1.42 0.00	31.41 1.37 0.00	31.10 1.35 0.00	27.73 1.34 0.00	32.15 1.56 0.00	36.33 1.79 0.00	41.38 2.14 0.00	38.62 2.01 0.00	37.91 2.10 0.00	37.60 2.24 0.00	43.15 2.71 0.00	41.61 2.78 0.00	38.76 2.41 0.00	36.68 2.09 0.00	36.89 2.08 0.00	44.86 2.68 0.00	39.14 2.40 0.00	40.31 2.28 -0.01	45.44 2.31 -0.01	54.94 2.86 -0.01	48.89 2.34 -0.01	37.66 1.76 0.00	33.06 1.51 0.00
ASHOKAN____ 23654	32.38 0.98 0.00	30.76 0.85 0.00	30.86 0.81 0.00	30.46 0.69 0.00	26.94 0.54 0.00	31.26 0.67 0.00	35.38 0.83 0.00	40.35 1.10 0.00	37.60 0.99 0.00	36.73 0.92 0.00	36.37 1.01 0.00	41.44 0.99 0.00	40.08 1.25 0.00	37.20 0.85 0.00	35.34 0.75 0.00	35.60 0.79 0.00	43.56 1.38 0.00	38.10 1.35 0.00	39.41 1.38 0.00	44.56 1.44 0.00	53.78 1.71 0.00	47.93 1.38 0.00	36.87 0.98 0.00	32.34 0.78 0.00
ASTORIA_EAST_ENERGY_CC1 323581	32.87 1.46 0.00	31.20 1.28 0.00	31.24 1.20 0.00	30.86 1.10 0.00	27.44 1.04 0.00	31.80 1.21 0.00	35.79 1.25 0.00	40.84 1.59 0.00	38.15 1.54 0.00	37.42 1.61 0.00	37.14 1.79 0.00	42.64 2.19 0.00	41.16 2.33 0.00	38.32 1.97 0.00	36.28 1.69 0.00	36.52 1.71 0.00	44.33 2.15 0.00	38.78 2.04 0.00	39.88 1.85 0.00	44.93 1.80 0.00	54.15 2.09 0.01	48.26 1.71 0.00	37.26 1.36 0.00	32.75 1.20 0.00
ASTORIA_EAST_ENERGY_CC2 323582	32.87 1.46 0.00	31.19 1.28 0.00	31.24 1.20 0.00	30.86 1.10 0.00	27.44 1.04 0.00	31.80 1.21 0.00	35.79 1.25 0.00	40.84 1.59 0.00	38.15 1.54 0.00	37.42 1.61 0.00	37.14 1.79 0.00	42.64 2.19 0.00	41.16 2.33 0.00	38.32 1.97 0.00	36.28 1.69 0.00	36.52 1.71 0.00	44.33 2.15 0.00	38.78 2.04 0.00	39.88 1.85 0.00	44.93 1.80 0.00	54.15 2.09 0.01	48.26 1.71 0.00	37.26 1.36 0.00	32.75 1.19 0.00
ASTORIA_GT2_1 24094	32.86 1.45 0.00	31.21 1.29 0.00	31.25 1.21 0.00	30.86 1.11 0.00	27.45 1.05 0.00	31.81 1.22 0.00	35.81 1.27 0.00	40.86 1.62 0.00	38.17 1.56 0.00	37.43 1.63 0.00	37.16 1.81 0.00	42.65 2.20 0.00	41.17 2.34 0.00	38.35 2.00 0.00	36.31 1.72 0.00	36.54 1.73 0.00	44.35 2.17 0.00	38.80 2.05 0.00	39.89 1.86 0.00	44.94 1.82 0.00	54.18 2.12 0.01	48.28 1.74 0.00	37.32 1.43 0.00	32.77 1.21 0.00
ASTORIA_GT2_2 24095	32.86 1.45 0.00	31.21 1.29 0.00	31.25 1.21 0.00	30.86 1.11 0.00	27.45 1.05 0.00	31.81 1.22 0.00	35.81 1.27 0.00	40.86 1.62 0.00	38.17 1.56 0.00	37.43 1.63 0.00	37.16 1.81 0.00	42.65 2.20 0.00	41.17 2.34 0.00	38.35 2.00 0.00	36.31 1.72 0.00	36.54 1.73 0.00	44.35 2.17 0.00	38.80 2.05 0.00	39.89 1.86 0.00	44.94 1.82 0.00	54.18 2.12 0.01	48.28 1.74 0.00	37.32 1.43 0.00	32.77 1.21 0.00
ASTORIA_GT2_3 24096	32.86 1.45 0.00	31.21 1.29 0.00	31.25 1.21 0.00	30.86 1.11 0.00	27.45 1.05 0.00	31.81 1.22 0.00	35.81 1.27 0.00	40.86 1.62 0.00	38.17 1.56 0.00	37.43 1.63 0.00	37.16 1.81 0.00	42.65 2.20 0.00	41.17 2.34 0.00	38.35 2.00 0.00	36.31 1.72 0.00	36.54 1.73 0.00	44.35 2.17 0.00	38.80 2.05 0.00	39.89 1.86 0.00	44.94 1.82 0.00	54.18 2.12 0.01	48.28 1.74 0.00	37.32 1.43 0.00	32.77 1.21 0.00
ASTORIA_GT2_4 24097	32.86 1.45 0.00	31.21 1.29 0.00	31.25 1.21 0.00	30.86 1.11 0.00	27.45 1.05 0.00	31.81 1.22 0.00	35.81 1.27 0.00	40.86 1.62 0.00	38.17 1.56 0.00	37.43 1.63 0.00	37.16 1.81 0.00	42.65 2.20 0.00	41.17 2.34 0.00	38.35 2.00 0.00	36.31 1.72 0.00	36.54 1.73 0.00	44.35 2.17 0.00	38.80 2.05 0.00	39.89 1.86 0.00	44.94 1.82 0.00	54.18 2.12 0.01	48.28 1.74 0.00	37.32 1.43 0.00	32.77 1.21 0.00
ASTORIA_GT3_1 24098	32.86 1.45 0.00	31.21 1.29 0.00	31.25 1.21 0.00	30.86 1.11 0.00	27.45 1.05 0.00	31.81 1.22 0.00	35.81 1.27 0.00	40.86 1.62 0.00	38.17 1.56 0.00	37.43 1.63 0.00	37.16 1.81 0.00	42.65 2.20 0.00	41.17 2.34 0.00	38.35 2.00 0.00	36.31 1.72 0.00	36.54 1.73 0.00	44.35 2.17 0.00	38.80 2.05 0.00	39.89 1.86 0.00	44.94 1.82 0.00	54.18 2.12 0.01	48.28 1.74 0.00	37.32 1.43 0.00	32.77 1.21 0.00
ASTORIA_GT3_2 24099	32.86 1.45 0.00	31.21 1.29 0.00	31.25 1.21 0.00	30.86 1.11 0.00	27.45 1.05 0.00	31.81 1.22 0.00	35.81 1.27 0.00	40.86 1.62 0.00	38.17 1.56 0.00	37.43 1.63 0.00	37.16 1.81 0.00	42.65 2.20 0.00	41.17 2.34 0.00	38.35 2.00 0.00	36.31 1.72 0.00	36.54 1.73 0.00	44.35 2.17 0.00	38.80 2.05 0.00	39.89 1.86 0.00	44.94 1.82 0.00	54.18 2.12 0.01	48.28 1.74 0.00	37.32 1.43 0.00	32.77 1.21 0.00
ASTORIA_GT3_3 24100	32.86 1.45 0.00	31.21 1.29 0.00	31.25 1.21 0.00	30.86 1.11 0.00	27.45 1.05 0.00	31.81 1.22 0.00	35.81 1.27 0.00	40.86 1.62 0.00	38.17 1.56 0.00	37.43 1.63 0.00	37.16 1.81 0.00	42.65 2.20 0.00	41.17 2.34 0.00	38.35 2.00 0.00	36.31 1.72 0.00	36.54 1.73 0.00	44.35 2.17 0.00	38.80 2.05 0.00	39.89 1.86 0.00	44.94 1.82 0.00	54.18 2.12 0.01	48.28 1.74 0.00	37.32 1.43 0.00	32.77 1.21 0.00
ASTORIA_GT3_4 24101	32.86 1.45 0.00	31.21 1.29 0.00	31.25 1.21 0.00	30.86 1.11 0.00	27.45 1.05 0.00	31.81 1.22 0.00	35.81 1.27 0.00	40.86 1.62 0.00	38.17 1.56 0.00	37.43 1.63 0.00	37.16 1.81 0.00	42.65 2.20 0.00	41.17 2.34 0.00	38.35 2.00 0.00	36.31 1.72 0.00	36.54 1.73 0.00	44.35 2.17 0.00	38.80 2.05 0.00	39.89 1.86 0.00	44.94 1.82 0.00	54.18 2.12 0.01	48.28 1.74 0.00	37.32 1.43 0.00	32.77 1.21 0.00
ASTORIA_GT4_1 24102	32.86 1.45 0.00	31.21 1.29 0.00	31.25 1.21 0.00	30.86 1.11 0.00	27.45 1.05 0.00	31.81 1.22 0.00	35.81 1.27 0.00	40.86 1.62 0.00	38.17 1.56 0.00	37.43 1.63 0.00	37.16 1.81 0.00	42.65 2.20 0.00	41.17 2.34 0.00	38.35 2.00 0.00	36.31 1.72 0.00	36.54 1.73 0.00	44.35 2.17 0.00	38.80 2.05 0.00	39.89 1.86 0.00	44.94 1.82 0.00	54.18 2.12 0.01	48.28 1.74 0.00	37.32 1.43 0.00	32.77 1.21 0.00
ASTORIA_GT4_2 24103	32.86 1.45 0.00	31.21 1.29 0.00	31.25 1.21 0.00	30.86 1.11 0.00	27.45 1.05 0.00	31.81 1.22 0.00	35.81 1.27 0.00	40.86 1.62 0.00	38.17 1.56 0.00	37.43 1.63 0.00	37.16 1.81 0.00	42.65 2.20 0.00	41.17 2.34 0.00	38.35 2.00 0.00	36.31 1.72 0.00	36.54 1.73 0.00	44.35 2.17 0.00	38.80 2.05 0.00	39.89 1.86 0.00	44.94 1.82 0.00	54.18 2.12 0.01	48.28 1.74 0.00	37.32 1.43 0.00	32.77 1.21 0.00
ASTORIA_GT4_3 24104	32.86 1.45 0.00	31.21 1.29 0.00	31.25 1.21 0.00	30.86 1.11 0.00	27.45 1.05 0.00	31.81 1.22 0.00	35.81 1.27 0.00	40.86 1.62 0.00	38.17 1.56 0.00	37.43 1.63 0.00	37.16 1.81 0.00	42.65 2.20 0.00	41.17 2.34 0.00	38.35 2.00 0.00	36.31 1.72 0.00	36.54 1.73 0.00	44.35 2.17 0.00	38.80 2.05 0.00	39.89 1.86 0.00	44.94 1.82 0.00	54.18 2.12 0.01	48.28 1.74 0.00	37.32 1.43 0.00	32.77 1.21 0.00

ASTORIA_GT4_4 24105	32.86 1.45 0.00	31.21 1.29 0.00	31.25 1.21 0.00	30.86 1.11 0.00	27.45 1.05 0.00	31.81 1.22 0.00	35.81 1.27 0.00	40.86 1.62 0.00	38.17 1.56 0.00	37.43 1.63 0.00	37.16 1.81 0.00	42.65 2.20 0.00	41.17 2.34 0.00	38.35 2.00 0.00	36.31 1.72 0.00	36.54 1.73 0.00	44.35 2.17 0.00	38.80 2.05 0.00	39.89 1.86 0.00	44.94 1.82 0.00	54.18 2.12 0.01	48.28 1.74 0.00	37.32 1.43 0.00	32.77 1.21 0.00
ASTORIA_GT_1 23523	32.91 1.50 0.00	31.25 1.33 0.00	31.29 1.25 0.00	30.91 1.15 0.00	27.49 1.09 0.00	31.85 1.26 0.00	35.87 1.32 0.00	40.93 1.68 0.00	38.24 1.63 0.00	37.51 1.70 0.00	37.23 1.88 0.00	42.74 2.29 0.00	41.26 2.42 0.00	38.43 2.08 0.00	36.38 1.79 0.00	36.61 1.80 0.00	44.44 2.27 0.00	38.88 2.14 0.00	39.96 1.94 0.00	45.03 1.91 0.00	54.29 2.23 0.01	48.37 1.83 0.00	37.39 1.50 0.00	32.82 1.26 0.00
ASTORIA_GT_10 24110	32.78 1.37 0.00	31.18 1.26 0.00	31.25 1.21 0.00	30.90 1.14 0.00	27.48 1.09 0.00	31.83 1.24 0.00	35.92 1.37 0.00	40.97 1.72 0.00	38.30 1.70 0.00	37.60 1.80 0.00	37.32 1.97 0.00	42.81 2.36 0.00	41.31 2.48 0.00	38.50 2.15 0.00	36.42 1.83 0.00	36.64 1.83 0.00	44.48 2.30 0.00	38.88 2.14 0.00	40.00 1.98 0.00	45.07 1.94 0.00	54.43 2.36 0.00	48.43 1.88 0.00	37.35 1.46 0.00	32.79 1.23 0.00
ASTORIA_GT_11 24225	32.78 1.37 0.00	31.18 1.26 0.00	31.25 1.21 0.00	30.90 1.14 0.00	27.48 1.09 0.00	31.83 1.24 0.00	35.92 1.37 0.00	40.97 1.72 0.00	38.30 1.70 0.00	37.60 1.80 0.00	37.32 1.97 0.00	42.81 2.36 0.00	41.31 2.48 0.00	38.50 2.15 0.00	36.42 1.83 0.00	36.64 1.83 0.00	44.48 2.30 0.00	38.88 2.14 0.00	40.00 1.98 0.00	45.07 1.94 0.00	54.43 2.36 0.00	48.43 1.88 0.00	37.35 1.46 0.00	32.79 1.23 0.00
ASTORIA_GT_12 24226	32.78 1.37 0.00	31.18 1.26 0.00	31.25 1.21 0.00	30.90 1.14 0.00	27.48 1.09 0.00	31.83 1.24 0.00	35.92 1.37 0.00	40.97 1.72 0.00	38.30 1.70 0.00	37.60 1.80 0.00	37.32 1.97 0.00	42.81 2.36 0.00	41.31 2.48 0.00	38.50 2.15 0.00	36.42 1.83 0.00	36.64 1.83 0.00	44.48 2.30 0.00	38.88 2.14 0.00	40.00 1.98 0.00	45.07 1.94 0.00	54.43 2.36 0.00	48.43 1.88 0.00	37.35 1.46 0.00	32.79 1.23 0.00
ASTORIA_GT_13 24227	32.78 1.37 0.00	31.18 1.26 0.00	31.25 1.21 0.00	30.90 1.14 0.00	27.48 1.09 0.00	31.83 1.24 0.00	35.92 1.37 0.00	40.97 1.72 0.00	38.30 1.70 0.00	37.60 1.80 0.00	37.32 1.97 0.00	42.81 2.36 0.00	41.31 2.48 0.00	38.50 2.15 0.00	36.42 1.83 0.00	36.64 1.83 0.00	44.48 2.30 0.00	38.88 2.14 0.00	40.00 1.98 0.00	45.07 1.94 0.00	54.43 2.36 0.00	48.43 1.88 0.00	37.35 1.46 0.00	32.79 1.23 0.00
ASTORIA_GT_5 24106	32.91 1.50 0.00	31.25 1.33 0.00	31.29 1.25 0.00	30.91 1.15 0.00	27.49 1.09 0.00	31.85 1.26 0.00	35.87 1.32 0.00	40.93 1.68 0.00	38.24 1.63 0.00	37.51 1.70 0.00	37.23 1.88 0.00	42.74 2.29 0.00	41.26 2.42 0.00	38.43 2.08 0.00	36.38 1.79 0.00	36.61 1.80 0.00	44.44 2.27 0.00	38.88 2.14 0.00	39.96 1.94 0.00	45.03 1.91 0.00	54.29 2.23 0.01	48.37 1.83 0.00	37.39 1.50 0.00	32.82 1.26 0.00
ASTORIA_GT_7 24107	32.91 1.50 0.00	31.25 1.33 0.00	31.29 1.25 0.00	30.91 1.15 0.00	27.49 1.09 0.00	31.85 1.26 0.00	35.87 1.32 0.00	40.93 1.68 0.00	38.24 1.63 0.00	37.51 1.70 0.00	37.23 1.88 0.00	42.74 2.29 0.00	41.26 2.42 0.00	38.43 2.08 0.00	36.38 1.79 0.00	36.61 1.80 0.00	44.44 2.27 0.00	38.88 2.14 0.00	39.96 1.94 0.00	45.03 1.91 0.00	54.29 2.23 0.01	48.37 1.83 0.00	37.39 1.50 0.00	32.82 1.26 0.00
ASTORIA_GT_8 24108	32.91 1.50 0.00	31.25 1.33 0.00	31.29 1.25 0.00	30.91 1.15 0.00	27.49 1.09 0.00	31.85 1.26 0.00	35.87 1.32 0.00	40.93 1.68 0.00	38.24 1.63 0.00	37.51 1.70 0.00	37.23 1.88 0.00	42.74 2.29 0.00	41.26 2.42 0.00	38.43 2.08 0.00	36.38 1.79 0.00	36.61 1.80 0.00	44.44 2.27 0.00	38.88 2.14 0.00	39.96 1.94 0.00	45.03 1.91 0.00	54.29 2.23 0.01	48.37 1.83 0.00	37.39 1.50 0.00	32.82 1.26 0.00
ASTORIA___2 24149	32.88 1.47 0.00	31.20 1.29 0.00	31.25 1.21 0.00	30.86 1.10 0.00	27.45 1.05 0.00	31.80 1.21 0.00	35.81 1.26 0.00	40.86 1.61 0.00	38.17 1.56 0.00	37.44 1.63 0.00	37.16 1.80 0.00	42.65 2.20 0.00	41.17 2.34 0.00	38.35 2.00 0.00	36.31 1.72 0.00	36.54 1.73 0.00	44.34 2.16 0.00	38.80 2.06 0.00	39.89 1.86 0.00	44.94 1.82 0.00	54.19 2.13 0.01	48.28 1.74 0.00	37.28 1.38 0.00	32.77 1.21 0.00
ASTORIA___3 23516	32.78 1.38 0.00	31.18 1.26 0.00	31.25 1.21 0.00	30.90 1.14 0.00	27.48 1.09 0.00	31.83 1.24 0.00	35.92 1.37 0.00	40.97 1.72 0.00	38.30 1.70 0.00	37.60 1.80 0.00	37.32 1.97 0.00	42.81 2.36 0.00	41.31 2.48 0.00	38.50 2.15 0.00	36.41 1.82 0.00	36.64 1.83 0.00	44.48 2.30 0.00	38.88 2.14 0.00	40.00 1.98 0.00	45.07 1.94 0.00	54.43 2.37 0.00	48.43 1.88 0.00	37.34 1.44 0.00	32.79 1.23 0.00
ASTORIA___4 23517	32.78 1.37 0.00	31.18 1.26 0.00	31.25 1.21 0.00	30.90 1.14 0.00	27.48 1.09 0.00	31.83 1.24 0.00	35.92 1.37 0.00	40.97 1.72 0.00	38.30 1.70 0.00	37.60 1.80 0.00	37.32 1.97 0.00	42.81 2.36 0.00	41.31 2.48 0.00	38.50 2.15 0.00	36.42 1.83 0.00	36.64 1.83 0.00	44.48 2.30 0.00	38.88 2.14 0.00	40.00 1.98 0.00	45.07 1.94 0.00	54.43 2.36 0.00	48.43 1.88 0.00	37.35 1.46 0.00	32.79 1.23 0.00
ASTORIA___5 23518	32.78 1.38 0.00	31.18 1.26 0.00	31.25 1.21 0.00	30.90 1.14 0.00	27.48 1.09 0.00	31.83 1.24 0.00	35.92 1.37 0.00	40.97 1.72 0.00	38.30 1.70 0.00	37.60 1.80 0.00	37.32 1.97 0.00	42.81 2.36 0.00	41.31 2.48 0.00	38.50 2.15 0.00	36.41 1.82 0.00	36.64 1.83 0.00	44.48 2.30 0.00	38.88 2.14 0.00	40.00 1.98 0.00	45.07 1.94 0.00	54.43 2.37 0.00	48.43 1.88 0.00	37.34 1.44 0.00	32.79 1.23 0.00
AST_ENERGY_2_CC3 323677	32.82 1.41 0.00	31.18 1.27 0.00	31.25 1.21 0.00	30.89 1.13 0.00	27.46 1.06 0.00	31.82 1.23 0.00	35.95 1.40 0.00	40.98 1.73 0.00	38.25 1.64 0.00	37.55 1.74 0.00	37.28 1.92 0.00	42.74 2.29 0.00	41.24 2.41 0.00	38.41 2.07 0.00	36.36 1.78 0.00	36.62 1.81 0.00	44.45 2.27 0.00	38.84 2.10 0.00	39.97 1.95 0.00	45.06 1.94 0.00	54.50 2.43 0.00	48.43 1.89 0.00	37.31 1.41 0.00	32.76 1.20 0.00
AST_ENERGY_2_CC4 323678	32.82 1.41 0.00	31.18 1.27 0.00	31.25 1.21 0.00	30.89 1.13 0.00	27.46 1.06 0.00	31.82 1.23 0.00	35.95 1.40 0.00	40.98 1.73 0.00	38.25 1.64 0.00	37.55 1.74 0.00	37.28 1.92 0.00	42.74 2.29 0.00	41.24 2.41 0.00	38.41 2.07 0.00	36.36 1.78 0.00	36.62 1.81 0.00	44.45 2.27 0.00	38.84 2.10 0.00	39.97 1.95 0.00	45.06 1.94 0.00	54.50 2.43 0.00	48.43 1.89 0.00	37.31 1.41 0.00	32.76 1.20 0.00

ATHENS_STG_1 23668	32.19 0.78 0.00	30.62 0.70 0.00	30.72 0.68 0.00	30.39 0.63 0.00	26.94 0.55 0.00	31.19 0.60 0.00	35.22 0.67 0.00	40.07 0.82 0.00	37.38 0.77 0.00	36.61 0.81 0.00	36.26 0.91 0.00	41.53 1.08 0.00	39.96 1.13 0.00	37.29 0.95 0.00	35.41 0.82 0.00	35.66 0.85 0.00	43.28 1.11 0.00	37.72 0.98 0.00	38.94 0.92 0.00	44.01 0.89 0.00	53.12 1.06 0.00	47.42 0.87 0.00	36.58 0.68 0.00	32.21 0.65 0.00
ATHENS_STG_2 23670	32.19 0.78 0.00	30.62 0.70 0.00	30.72 0.68 0.00	30.39 0.63 0.00	26.94 0.55 0.00	31.19 0.60 0.00	35.22 0.67 0.00	40.07 0.82 0.00	37.38 0.77 0.00	36.61 0.81 0.00	36.26 0.91 0.00	41.53 1.08 0.00	39.96 1.13 0.00	37.29 0.95 0.00	35.41 0.82 0.00	35.66 0.85 0.00	43.28 1.11 0.00	37.72 0.98 0.00	38.94 0.92 0.00	44.01 0.89 0.00	53.12 1.06 0.00	47.42 0.87 0.00	36.58 0.68 0.00	32.21 0.65 0.00
ATHENS_STG_3 23677	32.19 0.78 0.00	30.62 0.70 0.00	30.72 0.68 0.00	30.39 0.63 0.00	26.94 0.55 0.00	31.19 0.60 0.00	35.22 0.67 0.00	40.07 0.82 0.00	37.38 0.77 0.00	36.61 0.81 0.00	36.26 0.91 0.00	41.53 1.08 0.00	39.96 1.13 0.00	37.29 0.95 0.00	35.41 0.82 0.00	35.66 0.85 0.00	43.28 1.11 0.00	37.72 0.98 0.00	38.94 0.92 0.00	44.01 0.89 0.00	53.12 1.06 0.00	47.42 0.87 0.00	36.58 0.68 0.00	32.21 0.65 0.00
AUBURN____LFGE 323710	31.47 0.05 -0.01	29.88 -0.04 0.00	29.96 -0.08 0.00	29.66 -0.10 0.00	26.39 -0.01 0.00	30.67 0.08 0.00	34.73 0.18 0.00	39.64 0.39 0.00	36.88 0.27 0.00	35.94 0.13 0.00	35.50 0.15 0.00	40.55 0.10 0.00	38.84 0.01 0.00	36.36 0.02 0.00	34.55 -0.04 0.00	34.79 -0.01 0.00	42.30 -0.06 -0.18	36.91 -0.17 -0.33	37.97 -0.05 0.00	43.18 0.06 0.00	52.09 0.02 0.00	46.42 -0.12 0.00	35.72 -0.18 0.00	31.50 -0.06 0.00
BABYLON_RES_REC 323704	33.27 1.87 0.00	31.51 1.59 0.00	31.53 1.49 0.00	31.12 1.36 0.00	27.63 1.23 0.00	32.04 1.45 0.00	36.26 1.71 0.00	41.31 2.07 0.00	38.63 2.02 0.00	38.02 2.21 0.00	37.73 2.29 -0.09	46.84 2.82 -3.58	42.30 3.00 -0.46	44.75 2.69 -5.71	36.76 2.16 -0.01	36.57 1.76 0.00	44.42 2.24 0.00	38.97 2.22 0.00	40.19 2.14 -0.02	45.87 2.36 -0.39	55.03 2.96 0.00	49.10 2.45 -0.11	39.28 1.98 -1.41	47.31 1.66 -14.09
BALL_HILL_WT_PWR 323825	29.64 -1.65 0.11	28.39 -1.53 0.00	28.55 -1.49 0.00	28.15 -1.61 0.00	24.96 -1.44 0.00	29.10 -1.49 0.00	32.97 -1.58 0.00	37.48 -1.77 0.00	35.15 -1.46 0.00	34.28 -1.53 0.00	33.79 -1.57 0.00	38.94 -1.51 0.00	37.28 -1.56 0.00	35.25 -1.10 0.00	33.30 -1.29 0.00	33.50 -1.31 0.00	38.69 -1.86 1.62	32.02 -1.70 3.03	36.22 -1.80 0.00	41.49 -1.63 0.00	50.74 -1.33 0.00	45.26 -1.29 0.00	34.53 -1.36 0.00	30.48 -1.07 0.00
BARON_WINDS____WT_PWR 323822	29.45 -1.49 0.46	28.63 -1.28 0.00	28.81 -1.23 0.00	28.41 -1.35 0.00	25.17 -1.23 0.00	29.33 -1.26 0.00	33.35 -1.20 0.00	38.02 -1.23 0.00	35.35 -1.25 0.00	34.61 -1.19 0.00	34.23 -1.12 0.00	39.40 -1.05 0.00	37.68 -1.15 0.00	35.56 -0.79 0.00	33.60 -0.98 0.00	33.55 -1.26 0.00	33.65 -1.68 6.86	22.52 -1.44 12.79	36.56 -1.47 0.00	41.76 -1.36 0.00	50.91 -1.17 0.00	45.24 -1.31 0.00	34.67 -1.23 0.00	30.69 -0.87 0.00
BARRETT_IC_1 23704	33.09 1.68 -0.01	31.38 1.46 0.00	31.42 1.37 0.00	31.01 1.26 0.00	27.55 1.15 0.00	31.94 1.34 -0.01	36.12 1.57 -0.01	41.10 1.85 0.00	38.37 1.76 0.00	37.72 1.92 0.00	37.43 1.99 -0.08	46.23 2.38 -3.40	41.84 2.57 -0.44	43.99 2.21 -5.43	36.49 1.89 -0.01	36.49 1.67 0.00	44.27 2.09 0.00	38.76 2.02 0.00	39.91 1.88 0.00	45.12 1.99 0.00	54.50 2.43 0.00	48.67 2.02 -0.11	38.87 1.64 -1.34	46.23 1.30 -13.37
BARRETT_IC_10 23701	33.09 1.68 -0.01	31.38 1.46 0.00	31.42 1.37 0.00	31.01 1.26 0.00	27.55 1.15 0.00	31.94 1.34 -0.01	36.12 1.57 -0.01	41.10 1.85 0.00	38.37 1.76 0.00	37.72 1.92 0.00	37.43 1.99 -0.08	46.23 2.38 -3.40	41.84 2.57 -0.44	43.99 2.21 -5.43	36.49 1.89 -0.01	36.49 1.67 0.00	44.27 2.09 0.00	38.76 2.02 0.00	39.91 1.88 0.00	45.12 1.99 0.00	54.50 2.43 0.00	48.67 2.02 -0.11	38.87 1.64 -1.34	46.23 1.30 -13.37
BARRETT_IC_11 23702	33.09 1.68 -0.01	31.38 1.46 0.00	31.42 1.37 0.00	31.01 1.26 0.00	27.55 1.15 0.00	31.94 1.34 -0.01	36.12 1.57 -0.01	41.10 1.85 0.00	38.37 1.76 0.00	37.72 1.92 0.00	37.43 1.99 -0.08	46.23 2.38 -3.40	41.84 2.57 -0.44	43.99 2.21 -5.43	36.49 1.89 -0.01	36.49 1.67 0.00	44.27 2.09 0.00	38.76 2.02 0.00	39.91 1.88 0.00	45.12 1.99 0.00	54.50 2.43 0.00	48.67 2.02 -0.11	38.87 1.64 -1.34	46.23 1.30 -13.37
BARRETT_IC_12 23703	33.09 1.68 -0.01	31.38 1.46 0.00	31.42 1.37 0.00	31.01 1.26 0.00	27.55 1.15 0.00	31.94 1.34 -0.01	36.12 1.57 -0.01	41.10 1.85 0.00	38.37 1.76 0.00	37.72 1.92 0.00	37.43 1.99 -0.08	46.23 2.38 -3.40	41.84 2.57 -0.44	43.99 2.21 -5.43	36.49 1.89 -0.01	36.49 1.67 0.00	44.27 2.09 0.00	38.76 2.02 0.00	39.91 1.88 0.00	45.12 1.99 0.00	54.50 2.43 0.00	48.67 2.02 -0.11	38.87 1.64 -1.34	46.23 1.30 -13.37
BARRETT_IC_2 23705	33.09 1.68 -0.01	31.38 1.46 0.00	31.42 1.37 0.00	31.01 1.26 0.00	27.55 1.15 0.00	31.94 1.34 -0.01	36.12 1.57 -0.01	41.10 1.85 0.00	38.37 1.76 0.00	37.72 1.92 0.00	37.43 1.99 -0.08	46.23 2.38 -3.40	41.84 2.57 -0.44	43.99 2.21 -5.43	36.49 1.89 -0.01	36.49 1.67 0.00	44.27 2.09 0.00	38.76 2.02 0.00	39.91 1.88 0.00	45.12 1.99 0.00	54.50 2.43 0.00	48.67 2.02 -0.11	38.87 1.64 -1.34	46.23 1.30 -13.37
BARRETT_IC_3 23706	33.09 1.68 -0.01	31.38 1.46 0.00	31.42 1.37 0.00	31.01 1.26 0.00	27.55 1.15 0.00	31.94 1.34 -0.01	36.12 1.57 -0.01	41.10 1.85 0.00	38.37 1.76 0.00	37.72 1.92 0.00	37.43 1.99 -0.08	46.23 2.38 -3.40	41.84 2.57 -0.44	43.99 2.21 -5.43	36.49 1.89 -0.01	36.49 1.67 0.00	44.27 2.09 0.00	38.76 2.02 0.00	39.91 1.88 0.00	45.12 1.99 0.00	54.50 2.43 0.00	48.67 2.02 -0.11	38.87 1.64 -1.34	46.23 1.30 -13.37
BARRETT_IC_4 23707	33.09 1.68 -0.01	31.38 1.46 0.00	31.42 1.37 0.00	31.01 1.26 0.00	27.55 1.15 0.00	31.94 1.34 -0.01	36.12 1.57 -0.01	41.10 1.85 0.00	38.37 1.76 0.00	37.72 1.92 0.00	37.43 1.99 -0.08	46.23 2.38 -3.40	41.84 2.57 -0.44	43.99 2.21 -5.43	36.49 1.89 -0.01	36.49 1.67 0.00	44.27 2.09 0.00	38.76 2.02 0.00	39.91 1.88 0.00	45.12 1.99 0.00	54.50 2.43 0.00	48.67 2.02 -0.11	38.87 1.64 -1.34	46.23 1.30 -13.37
BARRETT_IC_5 23708	33.09 1.68 -0.01	31.38 1.46 0.00	31.42 1.37 0.00	31.01 1.26 0.00	27.55 1.15 0.00	31.94 1.34 -0.01	36.12 1.57 -0.01	41.10 1.85 0.00	38.37 1.76 0.00	37.72 1.92 0.00	37.43 1.99 -0.08	46.23 2.38 -3.40	41.84 2.57 -0.44	43.99 2.21 -5.43	36.49 1.89 -0.01	36.49 1.67 0.00	44.27 2.09 0.00	38.76 2.02 0.00	39.91 1.88 0.00	45.12 1.99 0.00	54.50 2.43 0.00	48.67 2.02 -0.11	38.87 1.64 -1.34	46.23 1.30 -13.37

BARRETT_IC_6 23709	33.09 1.68 -0.01	31.38 1.46 0.00	31.42 1.37 0.00	31.01 1.26 0.00	27.55 1.15 0.00	31.94 1.34 -0.01	36.12 1.57 -0.01	41.10 1.85 0.00	38.37 1.76 0.00	37.72 1.92 0.00	37.43 1.99 -0.08	46.23 2.38 -3.40	41.84 2.57 -0.44	43.99 2.21 -5.43	36.49 1.89 -0.01	36.49 1.67 0.00	44.27 2.09 0.00	38.76 2.02 0.00	39.91 1.88 0.00	45.12 1.99 0.00	54.50 2.43 0.00	48.67 2.02 -0.11	38.87 1.64 -1.34	46.23 1.30 -13.37
BARRETT_IC_7 23710	33.09 1.68 -0.01	31.38 1.46 0.00	31.42 1.37 0.00	31.01 1.26 0.00	27.55 1.15 0.00	31.94 1.34 -0.01	36.12 1.56 -0.01	41.10 1.85 0.00	38.36 1.76 0.00	37.73 1.92 0.00	37.43 1.99 -0.08	46.23 2.38 -3.40	41.84 2.57 -0.44	43.99 2.21 -5.43	36.49 1.89 -0.01	36.49 1.67 0.00	44.27 2.09 0.00	38.76 2.02 0.00	39.91 1.88 0.00	45.12 1.99 0.00	54.49 2.42 0.00	48.67 2.02 -0.11	38.87 1.64 -1.34	46.23 1.30 -13.37
BARRETT_IC_8 23711	33.09 1.68 -0.01	31.38 1.46 0.00	31.42 1.37 0.00	31.01 1.26 0.00	27.55 1.15 0.00	31.94 1.34 -0.01	36.12 1.57 -0.01	41.10 1.85 0.00	38.37 1.76 0.00	37.72 1.92 0.00	37.43 1.99 -0.08	46.23 2.38 -3.40	41.84 2.57 -0.44	43.99 2.21 -5.43	36.49 1.89 -0.01	36.49 1.67 0.00	44.27 2.09 0.00	38.76 2.02 0.00	39.91 1.88 0.00	45.12 1.99 0.00	54.50 2.43 0.00	48.67 2.02 -0.11	38.87 1.64 -1.34	46.23 1.30 -13.37
BARRETT_IC_9 23700	33.09 1.68 -0.01	31.38 1.46 0.00	31.42 1.37 0.00	31.01 1.26 0.00	27.55 1.15 0.00	31.94 1.34 -0.01	36.12 1.57 -0.01	41.10 1.85 0.00	38.37 1.76 0.00	37.72 1.92 0.00	37.43 1.99 -0.08	46.23 2.38 -3.40	41.84 2.57 -0.44	43.99 2.21 -5.43	36.49 1.89 -0.01	36.49 1.67 0.00	44.27 2.09 0.00	38.76 2.02 0.00	39.91 1.88 0.00	45.12 1.99 0.00	54.50 2.43 0.00	48.67 2.02 -0.11	38.87 1.64 -1.34	46.23 1.30 -13.37
BARRETT___1 23545	33.09 1.68 -0.01	31.38 1.46 0.00	31.42 1.37 0.00	31.01 1.26 0.00	27.55 1.15 0.00	31.94 1.34 -0.01	36.12 1.57 -0.01	41.10 1.85 0.00	38.37 1.76 0.00	37.72 1.92 0.00	37.43 1.99 -0.08	46.23 2.38 -3.40	41.84 2.57 -0.44	43.99 2.21 -5.43	36.49 1.89 -0.01	36.49 1.67 0.00	44.27 2.09 0.00	38.76 2.02 0.00	39.91 1.88 0.00	45.12 1.99 0.00	54.50 2.43 0.00	48.67 2.02 -0.11	38.87 1.64 -1.34	46.23 1.30 -13.37
BARRETT___2 23546	33.09 1.68 -0.01	31.38 1.46 0.00	31.42 1.37 0.00	31.01 1.26 0.00	27.55 1.15 0.00	31.94 1.34 -0.01	36.12 1.57 -0.01	41.10 1.85 0.00	38.37 1.76 0.00	37.72 1.92 0.00	37.43 1.99 -0.08	46.23 2.38 -3.40	41.84 2.57 -0.44	43.99 2.21 -5.43	36.49 1.89 -0.01	36.49 1.67 0.00	44.27 2.09 0.00	38.76 2.02 0.00	39.91 1.88 0.00	45.12 1.99 0.00	54.50 2.43 0.00	48.67 2.02 -0.11	38.87 1.64 -1.34	46.23 1.30 -13.37
BATAVIA___115KV_TB1 55881	30.19 -1.16 0.06	28.78 -1.13 0.00	28.93 -1.11 0.00	28.58 -1.17 0.00	25.36 -1.03 0.00	29.57 -1.03 0.00	33.55 -1.00 0.00	38.18 -1.07 0.00	35.82 -0.79 0.00	34.89 -0.92 0.00	34.39 -0.96 0.00	39.50 -0.95 0.00	37.77 -1.06 0.00	35.64 -0.71 0.00	33.73 -0.86 0.00	33.96 -0.85 0.00	39.93 -1.40 0.85	33.98 -1.18 1.58	36.81 -1.22 0.00	42.11 -1.01 0.00	51.33 -0.74 0.00	45.80 -0.75 0.00	35.04 -0.85 0.00	30.87 -0.68 0.00
BAYONEEC___CTG1 323682	32.83 1.42 0.00	31.19 1.28 0.00	31.26 1.21 0.00	30.90 1.14 0.00	27.47 1.07 0.00	31.83 1.24 0.00	35.97 1.43 0.00	41.00 1.75 0.00	38.26 1.66 0.00	37.56 1.75 0.00	37.29 1.94 0.00	42.76 2.31 0.00	41.26 2.43 0.00	38.42 2.07 0.00	36.38 1.79 0.00	36.63 1.82 0.00	44.48 2.30 0.00	38.88 2.14 0.00	40.01 1.98 0.00	45.09 1.97 0.00	54.54 2.47 0.00	48.47 1.92 0.00	37.33 1.44 0.00	32.76 1.20 0.00
BAYONEEC___CTG10 323750	32.83 1.42 0.00	31.19 1.28 0.00	31.26 1.21 0.00	30.90 1.14 0.00	27.47 1.07 0.00	31.83 1.24 0.00	35.97 1.43 0.00	41.00 1.75 0.00	38.26 1.66 0.00	37.56 1.75 0.00	37.29 1.94 0.00	42.76 2.31 0.00	41.26 2.43 0.00	38.42 2.07 0.00	36.38 1.79 0.00	36.63 1.82 0.00	44.48 2.30 0.00	38.88 2.14 0.00	40.01 1.98 0.00	45.09 1.97 0.00	54.54 2.47 0.00	48.47 1.92 0.00	37.33 1.44 0.00	32.76 1.20 0.00
BAYONEEC___CTG2 323683	32.83 1.42 0.00	31.19 1.28 0.00	31.26 1.21 0.00	30.90 1.14 0.00	27.47 1.07 0.00	31.83 1.24 0.00	35.97 1.43 0.00	41.00 1.75 0.00	38.26 1.66 0.00	37.56 1.75 0.00	37.29 1.94 0.00	42.76 2.31 0.00	41.26 2.43 0.00	38.42 2.07 0.00	36.38 1.79 0.00	36.63 1.82 0.00	44.48 2.30 0.00	38.88 2.14 0.00	40.01 1.98 0.00	45.09 1.97 0.00	54.54 2.47 0.00	48.47 1.92 0.00	37.33 1.44 0.00	32.76 1.20 0.00
BAYONEEC___CTG3 323684	32.83 1.42 0.00	31.19 1.28 0.00	31.26 1.21 0.00	30.90 1.14 0.00	27.47 1.07 0.00	31.83 1.24 0.00	35.97 1.43 0.00	41.00 1.75 0.00	38.26 1.66 0.00	37.56 1.75 0.00	37.29 1.94 0.00	42.76 2.31 0.00	41.26 2.43 0.00	38.42 2.07 0.00	36.38 1.79 0.00	36.63 1.82 0.00	44.48 2.30 0.00	38.88 2.14 0.00	40.01 1.98 0.00	45.09 1.97 0.00	54.54 2.47 0.00	48.47 1.92 0.00	37.33 1.44 0.00	32.76 1.20 0.00
BAYONEEC___CTG4 323685	32.83 1.42 0.00	31.19 1.28 0.00	31.26 1.21 0.00	30.90 1.14 0.00	27.47 1.07 0.00	31.83 1.24 0.00	35.97 1.43 0.00	41.00 1.75 0.00	38.26 1.66 0.00	37.56 1.75 0.00	37.29 1.94 0.00	42.76 2.31 0.00	41.26 2.43 0.00	38.42 2.07 0.00	36.38 1.79 0.00	36.63 1.82 0.00	44.48 2.30 0.00	38.88 2.14 0.00	40.01 1.98 0.00	45.09 1.97 0.00	54.54 2.47 0.00	48.47 1.92 0.00	37.33 1.44 0.00	32.76 1.20 0.00
BAYONEEC___CTG5 323686	32.83 1.42 0.00	31.19 1.28 0.00	31.26 1.21 0.00	30.90 1.14 0.00	27.47 1.07 0.00	31.83 1.24 0.00	35.97 1.43 0.00	41.00 1.75 0.00	38.26 1.66 0.00	37.56 1.75 0.00	37.29 1.94 0.00	42.76 2.31 0.00	41.26 2.43 0.00	38.42 2.07 0.00	36.38 1.79 0.00	36.63 1.82 0.00	44.48 2.30 0.00	38.88 2.14 0.00	40.01 1.98 0.00	45.09 1.97 0.00	54.54 2.47 0.00	48.47 1.92 0.00	37.33 1.44 0.00	32.76 1.20 0.00
BAYONEEC___CTG6 323687	32.83 1.42 0.00	31.19 1.28 0.00	31.26 1.21 0.00	30.90 1.14 0.00	27.47 1.07 0.00	31.83 1.24 0.00	35.97 1.43 0.00	41.00 1.75 0.00	38.26 1.66 0.00	37.56 1.75 0.00	37.29 1.94 0.00	42.76 2.31 0.00	41.26 2.43 0.00	38.42 2.07 0.00	36.38 1.79 0.00	36.63 1.82 0.00	44.48 2.30 0.00	38.88 2.14 0.00	40.01 1.98 0.00	45.09 1.97 0.00	54.54 2.47 0.00	48.47 1.92 0.00	37.33 1.44 0.00	32.76 1.20 0.00
BAYONEEC___CTG7 323688	32.83 1.42 0.00	31.19 1.28 0.00	31.26 1.21 0.00	30.90 1.14 0.00	27.47 1.07 0.00	31.83 1.24 0.00	35.97 1.43 0.00	41.00 1.75 0.00	38.26 1.66 0.00	37.56 1.75 0.00	37.29 1.94 0.00	42.76 2.31 0.00	41.26 2.43 0.00	38.42 2.07 0.00	36.38 1.79 0.00	36.63 1.82 0.00	44.48 2.30 0.00	38.88 2.14 0.00	40.01 1.98 0.00	45.09 1.97 0.00	54.54 2.47 0.00	48.47 1.92 0.00	37.33 1.44 0.00	32.76 1.20 0.00

BAYONEEC___CTG8 323689	32.83 1.42 0.00	31.19 1.28 0.00	31.26 1.21 0.00	30.90 1.14 0.00	27.47 1.07 0.00	31.83 1.24 0.00	35.97 1.43 0.00	41.00 1.75 0.00	38.26 1.66 0.00	37.56 1.75 0.00	37.29 1.94 0.00	42.76 2.31 0.00	41.26 2.43 0.00	38.42 2.07 0.00	36.38 1.79 0.00	36.63 1.82 0.00	44.48 2.30 0.00	38.88 2.14 0.00	40.01 1.98 0.00	45.09 1.97 0.00	54.54 2.47 0.00	48.47 1.92 0.00	37.33 1.44 0.00	32.76 1.20 0.00
BAYONEEC___CTG9 323749	32.83 1.42 0.00	31.19 1.28 0.00	31.26 1.21 0.00	30.90 1.14 0.00	27.47 1.07 0.00	31.83 1.24 0.00	35.97 1.43 0.00	41.00 1.75 0.00	38.26 1.66 0.00	37.56 1.75 0.00	37.29 1.94 0.00	42.76 2.31 0.00	41.26 2.43 0.00	38.42 2.07 0.00	36.38 1.79 0.00	36.63 1.82 0.00	44.48 2.30 0.00	38.88 2.14 0.00	40.01 1.98 0.00	45.09 1.97 0.00	54.54 2.47 0.00	48.47 1.92 0.00	37.33 1.44 0.00	32.76 1.20 0.00
BAYPORT_69_KV_BK 2 356364	33.50 2.09 0.00	31.70 1.78 0.00	31.70 1.66 0.00	31.29 1.53 0.00	27.77 1.37 0.00	32.15 1.57 0.00	36.36 1.81 0.00	41.34 2.09 0.00	38.73 2.12 0.00	38.21 2.40 0.00	37.82 2.39 -0.08	46.78 3.06 -3.28	42.65 3.40 -0.42	44.63 3.05 -5.23	37.08 2.49 -0.01	36.75 1.94 0.00	44.56 2.39 0.00	39.28 2.54 0.00	40.50 2.37 -0.11	47.84 2.69 -2.02	55.46 3.39 0.00	49.59 2.94 -0.10	39.57 2.38 -1.29	46.43 1.98 -12.90
BEACON___LESR 323632	32.03 0.62 0.00	30.53 0.61 0.00	30.65 0.61 0.00	30.38 0.62 0.00	26.92 0.53 0.00	31.12 0.54 0.00	35.17 0.62 0.00	40.01 0.77 0.00	37.28 0.67 0.00	36.52 0.71 0.00	36.18 0.82 0.00	41.41 0.97 0.00	39.75 0.92 0.00	37.12 0.77 0.00	35.28 0.69 0.00	35.52 0.71 0.00	43.15 0.98 0.00	37.54 0.80 0.00	38.83 0.80 0.00	43.93 0.80 0.00	52.77 0.70 0.00	47.25 0.70 0.00	36.49 0.60 0.00	32.10 0.54 0.00
BEAVER RIVER___HYD 24048	30.74 -0.67 0.00	29.48 -0.43 0.00	29.83 -0.21 0.00	29.75 -0.01 0.00	26.41 0.01 0.00	30.74 0.15 0.00	34.94 0.39 0.00	39.62 0.38 0.00	36.87 0.27 0.00	36.02 0.21 0.00	35.34 -0.02 0.00	39.96 -0.48 0.00	38.14 -0.69 0.00	35.80 -0.55 0.00	34.04 -0.55 0.00	34.11 -0.70 0.00	41.40 -0.78 0.00	36.41 -0.33 0.00	37.84 -0.19 0.00	43.10 -0.03 0.00	52.06 0.00 0.00	46.44 -0.10 0.00	35.70 -0.20 0.00	31.38 -0.18 0.00
BEEBEE_GT_13 23619	30.60 -0.80 0.00	29.11 -0.81 0.00	29.24 -0.81 0.00	28.91 -0.84 0.00	25.67 -0.73 0.00	29.85 -0.74 0.00	33.80 -0.75 0.00	38.43 -0.82 0.00	36.00 -0.61 0.00	35.18 -0.63 0.00	34.68 -0.68 0.00	39.79 -0.66 0.00	38.12 -0.71 0.00	35.83 -0.52 0.00	33.97 -0.62 0.00	34.19 -0.62 0.00	41.24 -0.94 0.00	35.89 -0.85 0.00	37.16 -0.87 0.00	42.35 -0.77 0.00	51.46 -0.61 0.00	45.90 -0.65 0.00	35.22 -0.68 0.00	31.01 -0.54 0.00
BENSHRST_27_KV_BENSHRST_1 355998	33.03 1.62 0.00	31.39 1.47 0.00	31.46 1.41 0.00	31.10 1.34 0.00	27.66 1.27 0.00	32.06 1.47 0.00	36.25 1.70 0.00	41.36 2.11 0.00	38.63 2.02 0.00	37.96 2.15 0.00	37.67 2.32 0.00	43.22 2.77 0.00	41.70 2.86 0.00	38.90 2.55 0.00	36.80 2.21 0.00	37.00 2.19 0.00	44.96 2.79 0.00	39.31 2.57 0.00	40.50 2.46 -0.01	45.64 2.51 -0.01	55.17 3.09 -0.01	49.09 2.53 -0.01	37.81 1.92 0.00	33.17 1.62 0.00
BETHLEHEM___GRP 23843	31.67 0.26 0.00	30.17 0.25 0.00	30.29 0.25 0.00	30.02 0.25 0.00	26.59 0.19 0.00	30.72 0.13 0.00	34.65 0.11 0.00	39.43 0.18 0.00	36.73 0.13 0.00	35.98 0.17 0.00	35.66 0.31 0.00	40.82 0.37 0.00	39.23 0.39 0.00	36.63 0.28 0.00	34.83 0.24 0.00	35.08 0.27 0.00	42.57 0.40 0.00	36.99 0.25 0.00	38.24 0.21 0.00	43.24 0.12 0.00	51.95 -0.12 0.00	46.53 -0.02 0.00	36.01 0.11 0.00	31.70 0.14 0.00
BETHLEHEM___GS1 323560	31.66 0.26 0.00	30.16 0.25 0.00	30.29 0.25 0.00	30.01 0.25 0.00	26.59 0.19 0.00	30.71 0.13 0.00	34.65 0.11 0.00	39.43 0.18 0.00	36.74 0.13 0.00	35.98 0.17 0.00	35.66 0.31 0.00	40.82 0.37 0.00	39.23 0.40 0.00	36.63 0.28 0.00	34.83 0.24 0.00	35.08 0.27 0.00	42.57 0.40 0.00	37.00 0.25 0.00	38.24 0.22 0.00	43.24 0.11 0.00	51.96 -0.11 0.00	46.53 -0.02 0.00	36.01 0.12 0.00	31.70 0.14 0.00
BETHLEHEM___GS2 323561	31.66 0.26 0.00	30.16 0.25 0.00	30.29 0.25 0.00	30.01 0.25 0.00	26.59 0.19 0.00	30.71 0.13 0.00	34.65 0.11 0.00	39.43 0.18 0.00	36.74 0.13 0.00	35.98 0.17 0.00	35.66 0.31 0.00	40.82 0.37 0.00	39.23 0.40 0.00	36.63 0.28 0.00	34.83 0.24 0.00	35.08 0.27 0.00	42.57 0.40 0.00	37.00 0.25 0.00	38.24 0.22 0.00	43.24 0.11 0.00	51.96 -0.11 0.00	46.53 -0.02 0.00	36.01 0.12 0.00	31.70 0.14 0.00
BETHLEHEM___GS3 323562	31.66 0.26 0.00	30.16 0.25 0.00	30.29 0.25 0.00	30.01 0.25 0.00	26.59 0.19 0.00	30.71 0.13 0.00	34.65 0.11 0.00	39.43 0.18 0.00	36.74 0.13 0.00	35.98 0.17 0.00	35.66 0.31 0.00	40.82 0.37 0.00	39.23 0.40 0.00	36.63 0.28 0.00	34.83 0.24 0.00	35.08 0.27 0.00	42.57 0.40 0.00	37.00 0.25 0.00	38.24 0.22 0.00	43.24 0.11 0.00	51.96 -0.11 0.00	46.53 -0.02 0.00	36.01 0.12 0.00	31.70 0.14 0.00
BETHLEHEM___STEEL 23779	29.47 -1.83 0.11	28.16 -1.75 0.00	28.33 -1.71 0.00	27.98 -1.78 0.00	24.79 -1.61 0.00	28.88 -1.71 0.00	32.70 -1.84 0.00	37.16 -2.09 0.00	34.90 -1.71 0.00	34.06 -1.75 0.00	33.52 -1.84 0.00	38.59 -1.86 0.00	36.90 -1.93 0.00	34.91 -1.44 0.00	32.99 -1.60 0.00	33.13 -1.67 0.00	38.20 -2.39 1.59	31.65 -2.13 2.97	35.84 -2.19 0.00	41.06 -2.06 0.00	50.19 -1.88 0.00	44.83 -1.72 0.00	34.30 -1.60 0.00	30.28 -1.28 0.00
BETHLHEM_115KV_TB1 79974	31.72 0.32 0.00	30.22 0.31 0.00	30.35 0.31 0.00	30.07 0.31 0.00	26.64 0.24 0.00	30.78 0.19 0.00	34.73 0.19 0.00	39.51 0.27 0.00	36.82 0.21 0.00	36.07 0.26 0.00	35.74 0.39 0.00	40.90 0.46 0.00	39.31 0.47 0.00	36.70 0.36 0.00	34.90 0.31 0.00	35.14 0.33 0.00	42.66 0.48 0.00	37.08 0.34 0.00	38.33 0.30 0.00	43.34 0.22 0.00	52.11 0.04 0.00	46.66 0.11 0.00	36.08 0.19 0.00	31.76 0.20 0.00
BETHPAGE_CC_5 323564	33.29 1.89 0.00	31.54 1.63 0.00	31.57 1.53 0.00	31.16 1.40 0.00	27.67 1.27 0.00	32.09 1.50 0.00	36.29 1.74 0.00	41.34 2.09 0.00	38.64 2.04 0.00	38.02 2.21 0.00	37.75 2.30 -0.09	47.03 2.81 -3.77	42.29 2.97 -0.49	45.00 2.64 -6.02	36.75 2.15 -0.01	36.68 1.87 0.00	44.51 2.33 0.00	39.01 2.27 0.00	40.20 2.17 0.00	45.48 2.35 0.00	55.02 2.95 0.00	49.10 2.44 -0.12	39.34 1.96 -1.49	48.08 1.67 -14.85
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	29.51 -1.79 0.11	28.19 -1.73 0.00	28.37 -1.67 0.00	28.02 -1.74 0.00	24.83 -1.57 0.00	28.93 -1.66 0.00	32.76 -1.79 0.00	37.24 -2.01 0.00	34.98 -1.63 0.00	34.12 -1.69 0.00	33.58 -1.77 0.00	38.68 -1.77 0.00	36.97 -1.86 0.00	34.98 -1.37 0.00	33.05 -1.54 0.00	33.20 -1.61 0.00	38.33 -2.30 1.55	31.81 -2.04 2.89	35.92 -2.11 0.00	41.16 -1.97 0.00	50.30 -1.77 0.00	44.91 -1.63 0.00	34.35 -1.54 0.00	30.32 -1.24 0.00

BINGHAMTON___COGEN 23790	31.32 -0.09 0.00	29.86 -0.05 0.00	29.97 -0.07 0.00	29.63 -0.13 0.00	26.30 -0.10 0.00	30.54 -0.05 0.00	34.56 0.01 0.00	39.18 -0.07 0.00	36.54 -0.07 0.00	35.72 -0.09 0.00	35.32 -0.04 0.00	40.52 0.08 0.00	38.82 -0.01 0.00	36.39 0.04 0.00	34.54 -0.05 0.00	34.75 -0.06 0.00	42.12 -0.05 0.00	36.71 -0.03 0.00	37.94 -0.09 0.00	43.06 -0.06 0.00	52.24 0.17 0.00	46.55 0.00 0.00	35.72 -0.18 0.00	31.46 -0.09 0.00
BIXINCNT_115KV_LOAD 355685	29.39 -1.92 0.09	28.13 -1.78 0.00	28.47 -1.58 0.00	28.11 -1.65 0.00	24.98 -1.41 0.00	29.20 -1.39 0.00	33.07 -1.48 0.00	37.62 -1.63 0.00	35.13 -1.47 0.00	34.19 -1.61 0.00	33.81 -1.54 0.00	39.13 -1.32 0.00	37.24 -1.59 0.00	35.28 -1.07 0.00	33.26 -1.33 0.00	33.38 -1.42 0.00	38.79 -2.00 1.39	32.51 -1.65 2.58	36.28 -1.74 0.00	41.56 -1.57 0.00	50.85 -1.22 0.00	45.42 -1.13 0.00	34.68 -1.21 0.00	30.55 -1.01 0.00
BLACK RIVER___HYD 24047	30.61 -0.79 0.00	29.36 -0.56 0.00	29.74 -0.31 0.00	29.69 -0.07 0.00	26.34 -0.06 0.00	30.68 0.09 0.00	34.89 0.35 0.00	39.57 0.33 0.00	36.84 0.24 0.00	36.06 0.25 0.00	35.39 0.03 0.00	39.89 -0.56 0.00	38.01 -0.82 0.00	35.67 -0.68 0.00	33.91 -0.68 0.00	34.01 -0.80 0.00	41.38 -0.79 0.00	36.31 -0.43 0.00	37.68 -0.34 0.00	42.97 -0.15 0.00	52.01 -0.06 0.00	46.35 -0.19 0.00	35.52 -0.38 0.00	31.28 -0.27 0.00
BLACKRVR_115KV_TB2 79977	30.61 -0.79 0.00	29.36 -0.55 0.00	29.74 -0.31 0.00	29.69 -0.07 0.00	26.34 -0.06 0.00	30.68 0.09 0.00	34.89 0.35 0.00	39.58 0.33 0.00	36.84 0.23 0.00	36.06 0.25 0.00	35.39 0.03 0.00	39.89 -0.56 0.00	38.01 -0.83 0.00	35.67 -0.68 0.00	33.91 -0.68 0.00	34.00 -0.81 0.00	41.38 -0.79 0.00	36.31 -0.43 0.00	37.68 -0.34 0.00	42.97 -0.15 0.00	52.01 -0.06 0.00	46.35 -0.20 0.00	35.52 -0.38 0.00	31.29 -0.27 0.00
BLISS_WT_PWR 323608	29.23 -2.08 0.09	28.00 -1.91 0.00	28.37 -1.67 0.00	28.00 -1.76 0.00	24.91 -1.48 0.00	29.15 -1.44 0.00	32.99 -1.56 0.00	37.55 -1.70 0.00	35.04 -1.57 0.00	34.07 -1.74 0.00	33.74 -1.61 0.00	39.08 -1.37 0.00	37.16 -1.67 0.00	35.21 -1.13 0.00	33.19 -1.40 0.00	33.30 -1.51 0.00	38.69 -2.10 1.39	32.46 -1.70 2.58	36.23 -1.80 0.00	41.51 -1.62 0.00	50.79 -1.28 0.00	45.37 -1.18 0.00	34.66 -1.23 0.00	30.52 -1.04 0.00
BLUESTONE___WT_PWR 323821	32.67 1.26 0.00	31.08 1.17 0.00	31.05 1.01 0.00	30.73 0.97 0.00	27.24 0.84 0.00	31.81 1.22 0.00	36.12 1.58 0.00	41.07 1.82 0.00	38.25 1.64 0.00	37.30 1.50 0.00	36.89 1.53 0.00	42.27 1.82 0.00	40.22 1.39 0.00	37.72 1.37 0.00	35.81 1.22 0.00	36.01 1.20 0.00	43.68 1.50 0.00	38.12 1.38 0.00	39.56 1.54 0.00	44.81 1.69 0.00	54.51 2.44 0.00	48.67 2.13 0.00	37.22 1.32 0.00	32.60 1.04 0.00
BLUE_CIRC_CHEM_DRP 24182	32.04 0.64 0.00	30.53 0.61 0.00	30.66 0.61 0.00	30.37 0.61 0.00	26.92 0.53 0.00	31.14 0.55 0.00	35.14 0.60 0.00	39.94 0.70 0.00	37.19 0.58 0.00	36.40 0.59 0.00	36.05 0.69 0.00	41.22 0.77 0.00	39.54 0.70 0.00	36.96 0.61 0.00	35.05 0.46 0.00	35.29 0.48 0.00	43.03 0.85 0.00	37.46 0.72 0.00	38.73 0.70 0.00	43.83 0.70 0.00	52.78 0.71 0.00	47.26 0.71 0.00	36.49 0.60 0.00	32.11 0.56 0.00
BOC_GAS_DRP 24189	31.86 0.46 0.00	30.34 0.43 0.00	30.46 0.42 0.00	30.17 0.41 0.00	26.74 0.34 0.00	30.93 0.34 0.00	34.92 0.37 0.00	39.71 0.46 0.00	37.01 0.41 0.00	36.25 0.44 0.00	35.90 0.54 0.00	41.07 0.62 0.00	39.48 0.65 0.00	36.88 0.53 0.00	35.05 0.46 0.00	35.30 0.49 0.00	42.83 0.65 0.00	37.27 0.52 0.00	38.52 0.49 0.00	43.58 0.45 0.00	52.50 0.43 0.00	46.96 0.41 0.00	36.27 0.38 0.00	31.91 0.35 0.00
BOONVILLE_115KV_TB1 79983	31.65 0.24 0.00	30.26 0.34 0.00	30.51 0.46 0.00	30.33 0.57 0.00	26.93 0.53 0.00	31.32 0.73 0.00	35.54 0.99 0.00	40.34 1.09 0.00	37.60 0.99 0.00	36.73 0.92 0.00	36.11 0.75 0.00	41.07 0.62 0.00	39.26 0.43 0.00	36.77 0.43 0.00	34.98 0.39 0.00	35.21 0.40 0.00	42.76 0.58 0.00	37.51 0.77 0.00	38.94 0.91 0.00	44.26 1.14 0.00	53.45 1.38 0.00	47.64 1.09 0.00	36.58 0.68 0.00	32.13 0.57 0.00
BORALEX_4TH_BRANCH 23824	32.39 0.99 0.00	30.90 0.99 0.00	31.04 0.99 0.00	30.82 1.06 0.00	27.27 0.87 0.00	31.52 0.93 0.00	35.64 1.10 0.00	40.65 1.41 0.00	37.87 1.26 0.00	37.09 1.28 0.00	36.70 1.35 0.00	41.93 1.48 0.00	40.33 1.50 0.00	37.64 1.30 0.00	35.89 1.30 0.00	36.16 1.36 0.00	43.84 1.66 0.00	37.90 1.16 0.00	39.26 1.24 0.00	44.49 1.36 0.00	53.47 1.40 0.00	48.01 1.46 0.00	37.09 1.20 0.00	32.43 0.87 0.00
BOWLINE___1 23526	32.57 1.17 0.00	30.94 1.03 0.00	31.06 1.01 0.00	30.71 0.95 0.00	27.28 0.88 0.00	31.62 1.03 0.00	35.76 1.21 0.00	40.72 1.47 0.00	37.97 1.36 0.00	37.26 1.45 0.00	36.97 1.62 0.00	42.37 1.92 0.00	40.84 2.01 0.00	38.09 1.75 0.00	36.08 1.48 0.00	36.35 1.54 0.00	44.14 1.96 0.00	38.51 1.77 0.00	39.67 1.64 0.00	44.78 1.65 0.00	54.13 2.06 0.00	48.19 1.65 0.00	37.08 1.19 0.00	32.58 1.03 0.00
BOWLINE___2 23595	32.57 1.17 0.00	30.94 1.03 0.00	31.06 1.01 0.00	30.71 0.95 0.00	27.28 0.88 0.00	31.62 1.03 0.00	35.76 1.21 0.00	40.72 1.47 0.00	37.97 1.36 0.00	37.26 1.45 0.00	36.97 1.62 0.00	42.37 1.92 0.00	40.84 2.01 0.00	38.09 1.75 0.00	36.08 1.48 0.00	36.35 1.54 0.00	44.14 1.96 0.00	38.51 1.77 0.00	39.67 1.64 0.00	44.78 1.65 0.00	54.13 2.06 0.00	48.19 1.65 0.00	37.08 1.19 0.00	32.58 1.03 0.00
BRADY___115KV_TB2 356060	31.70 0.29 0.00	30.21 0.29 0.00	30.35 0.30 0.00	30.11 0.35 0.00	26.73 0.33 0.00	31.01 0.42 0.00	35.17 0.62 0.00	40.02 0.77 0.00	37.22 0.62 0.00	36.29 0.48 0.00	35.53 0.17 0.00	40.43 -0.02 0.00	38.81 -0.02 0.00	36.48 0.13 0.00	34.81 0.22 0.00	34.93 0.12 0.00	42.25 0.07 0.00	37.07 0.33 0.00	38.58 0.55 0.00	43.93 0.80 0.00	53.14 1.08 0.00	47.59 1.05 0.00	36.69 0.80 0.00	32.03 0.47 0.00
BRANSCOMB___SOLAR 323811	32.55 1.15 0.00	31.01 1.09 0.00	31.17 1.12 0.00	30.88 1.13 0.00	27.38 0.98 0.00	31.73 1.14 0.00	35.92 1.38 0.00	40.95 1.70 0.00	38.06 1.46 0.00	37.13 1.32 0.00	36.64 1.28 0.00	41.92 1.47 0.00	40.26 1.43 0.00	37.58 1.24 0.00	35.81 1.22 0.00	36.13 1.33 0.00	44.02 1.84 0.00	38.27 1.53 0.00	39.63 1.60 0.00	44.94 1.82 0.00	54.16 2.09 0.00	48.42 1.88 0.00	37.27 1.37 0.00	32.65 1.09 0.00
BRDGHMPT_69_KV_BK1 55812	32.95 1.54 0.00	31.16 1.25 0.00	31.17 1.13 0.00	30.76 1.00 0.00	27.31 0.91 0.00	31.66 1.07 0.00	35.82 1.27 0.00	40.78 1.53 0.00	38.45 1.84 0.00	38.12 2.31 0.00	37.38 1.94 -0.08	46.15 2.47 -3.23	42.40 3.15 -0.42	44.81 3.32 -5.15	37.63 3.03 -0.01	37.48 2.67 0.00	45.50 3.33 0.00	40.09 3.35 0.00	41.23 3.07 -0.13	49.22 3.71 -2.38	56.71 4.64 0.00	50.68 4.03 -0.10	40.35 3.19 -1.27	46.90 2.63 -12.70

BRENTWOD_69_KV_W. BRTWOOD 56703	33.39 1.99 0.00	31.61 1.70 0.00	31.63 1.58 0.00	31.22 1.46 0.00	27.71 1.32 0.00	32.12 1.53 0.00	36.33 1.79 0.00	41.37 2.12 0.00	38.70 2.10 0.00	38.13 2.32 0.00	37.83 2.39 -0.08	46.70 2.96 -3.29	42.48 3.23 -0.42	44.49 2.89 -5.25	36.92 2.33 -0.01	36.69 1.88 0.00	44.45 2.28 0.00	39.08 2.34 0.00	40.33 2.18 -0.12	47.87 2.44 -2.30	55.12 3.05 0.00	49.21 2.56 -0.10	39.32 2.12 -1.30	46.31 1.79 -12.95
BRISTLHL_115KV_TB1 79998	30.58 -0.83 0.00	29.13 -0.79 0.00	29.25 -0.79 0.00	28.97 -0.79 0.00	25.70 -0.70 0.00	29.80 -0.79 0.00	33.61 -0.94 0.00	38.06 -1.19 0.00	35.55 -1.06 0.00	34.78 -1.03 0.00	34.37 -0.99 0.00	39.28 -1.17 0.00	37.61 -1.22 0.00	35.23 -1.12 0.00	33.50 -1.09 0.00	33.71 -1.10 0.00	40.75 -1.43 0.00	35.55 -1.19 0.00	36.79 -1.24 0.00	41.74 -1.38 0.00	50.44 -1.63 0.00	45.02 -1.53 0.00	34.73 -1.17 0.00	30.68 -0.88 0.00
BROOKHAVEN___DRP 24191	33.26 1.86 0.00	31.47 1.56 0.00	31.48 1.44 0.00	31.07 1.31 0.00	27.58 1.18 0.00	31.93 1.34 0.00	36.08 1.54 0.00	41.01 1.76 0.00	38.46 1.85 0.00	37.94 2.13 -0.08	37.43 2.00 -3.23	46.27 2.60 -0.42	42.29 3.05 -5.15	44.27 2.78 -0.01	36.89 2.29 0.00	36.59 1.78 0.00	44.34 2.16 0.00	39.08 2.33 0.00	40.26 2.10 -0.13	47.94 2.41 -2.41	55.13 3.06 0.00	49.32 2.67 -0.10	39.35 2.18 -1.27	46.08 1.83 -12.70
BROOKLYN_NAVY_YARD 23515	32.72 1.32 0.00	31.08 1.17 0.00	31.14 1.11 0.01	30.79 1.04 0.00	27.38 0.98 0.00	31.73 1.14 0.00	35.85 1.31 0.01	40.86 1.62 0.01	38.13 1.53 0.01	37.44 1.64 0.01	37.17 1.82 0.01	42.61 2.17 0.00	41.12 2.29 0.00	38.30 1.96 0.01	36.27 1.68 0.00	36.53 1.72 0.00	44.32 2.16 0.01	38.74 2.00 0.01	39.88 1.85 0.00	44.94 1.82 0.01	54.34 2.29 0.02	48.31 1.76 0.00	37.23 1.34 0.00	32.65 1.10 0.00
BROOKLYN___ARMY_DRP 323595	32.88 1.48 0.00	31.26 1.35 0.00	31.34 1.30 0.00	30.98 1.22 0.00	27.56 1.16 0.00	31.93 1.34 0.00	36.10 1.56 0.00	41.17 1.92 0.00	38.46 1.86 0.00	37.78 1.97 0.00	37.50 2.14 0.00	43.01 2.56 0.00	41.50 2.67 0.00	38.72 2.37 0.00	36.65 2.06 0.00	36.84 2.03 0.00	44.75 2.57 0.00	39.12 2.38 0.00	40.29 2.26 -0.01	45.41 2.28 -0.01	54.86 2.79 -0.01	48.83 2.27 -0.01	37.63 1.73 0.00	33.02 1.46 0.00
BROOME_2_LFGE 323671	31.32 -0.09 0.00	29.86 -0.05 0.00	29.97 -0.07 0.00	29.63 -0.13 0.00	26.30 -0.10 0.00	30.54 -0.05 0.00	34.56 0.01 0.00	39.18 -0.07 0.00	36.54 -0.07 0.00	35.73 -0.08 0.00	35.31 -0.04 0.00	40.52 0.07 0.00	38.82 -0.01 0.00	36.39 0.04 0.00	34.54 -0.05 0.00	34.75 -0.06 0.00	42.12 -0.06 0.00	36.70 -0.04 0.00	37.94 -0.09 0.00	43.06 -0.06 0.00	52.24 0.17 0.00	46.55 0.01 0.00	35.71 -0.18 0.00	31.47 -0.09 0.00
BROOME___LFGE 323600	31.32 -0.09 0.00	29.86 -0.05 0.00	29.97 -0.07 0.00	29.63 -0.13 0.00	26.30 -0.10 0.00	30.54 -0.05 0.00	34.56 0.01 0.00	39.18 -0.07 0.00	36.54 -0.07 0.00	35.73 -0.08 0.00	35.31 -0.04 0.00	40.52 0.07 0.00	38.82 -0.01 0.00	36.39 0.04 0.00	34.54 -0.05 0.00	34.75 -0.06 0.00	42.12 -0.06 0.00	36.70 -0.04 0.00	37.94 -0.09 0.00	43.06 -0.06 0.00	52.24 0.17 0.00	46.55 0.01 0.00	35.71 -0.18 0.00	31.47 -0.09 0.00
BROWNFLS_115KV_TB 3_5 80003	30.66 -0.75 0.00	29.33 -0.58 0.00	29.60 -0.44 0.00	29.46 -0.29 0.00	26.15 -0.25 0.00	30.39 -0.20 0.00	34.52 -0.02 0.00	39.23 -0.02 0.00	36.50 -0.10 0.00	35.63 -0.18 0.00	34.93 -0.43 0.00	39.47 -0.98 0.00	37.76 -1.08 0.00	35.45 -0.90 0.00	33.76 -0.83 0.00	33.78 -1.03 0.00	40.87 -1.31 0.00	35.91 -0.83 0.00	37.34 -0.69 0.00	42.63 -0.49 0.00	51.56 -0.51 0.00	46.07 -0.48 0.00	35.51 -0.39 0.00	31.15 -0.40 0.00
BROWNSV1_27_KV_LOAD 356125	33.04 1.64 0.00	31.39 1.48 0.00	31.45 1.41 0.00	31.08 1.32 0.00	27.63 1.24 0.00	32.03 1.44 0.00	36.22 1.67 0.00	41.32 2.07 0.00	38.56 1.96 0.00	37.85 2.04 0.00	37.58 2.23 0.00	43.08 2.63 0.00	41.58 2.75 0.00	38.73 2.38 0.00	36.65 2.07 0.00	36.93 2.12 0.00	44.82 2.64 0.00	39.17 2.42 0.00	40.31 2.28 0.00	45.45 2.33 0.00	55.00 2.93 0.00	48.87 2.32 0.00	37.62 1.73 0.00	33.00 1.44 0.00
BURROWS___LYONSDAL 23803	31.39 -0.01 0.00	30.06 0.14 0.00	30.34 0.30 0.00	30.19 0.43 0.00	26.81 0.42 0.00	31.19 0.60 0.00	35.41 0.86 0.00	40.19 0.94 0.00	37.44 0.83 0.00	36.58 0.77 0.00	35.94 0.58 0.00	40.83 0.38 0.00	39.01 0.18 0.00	36.56 0.22 0.00	34.77 0.18 0.00	34.95 0.14 0.00	42.43 0.25 0.00	37.27 0.53 0.00	38.70 0.67 0.00	44.00 0.87 0.00	53.12 1.05 0.00	47.35 0.81 0.00	36.35 0.46 0.00	31.94 0.38 0.00
CAITHNESS_CC_1 323624	33.22 1.82 0.00	31.43 1.52 0.00	31.45 1.40 0.00	31.04 1.28 0.00	27.54 1.15 0.00	31.89 1.30 0.00	36.04 1.49 0.00	40.95 1.70 0.00	38.39 1.78 0.00	37.86 2.05 0.00	37.42 1.98 -0.08	46.23 2.56 -3.22	42.22 2.97 -0.42	44.18 2.69 -5.15	36.80 2.20 -0.01	36.52 1.71 0.00	44.25 2.07 0.00	38.98 2.23 0.00	40.16 2.00 -0.13	47.82 2.26 -2.43	54.96 2.90 0.00	49.15 2.51 -0.10	39.23 2.06 -1.27	45.98 1.73 -12.69
CALPINE BETH_PAGE_GT4 24209	33.30 1.89 0.00	31.56 1.64 0.00	31.59 1.54 0.00	31.18 1.42 0.00	27.69 1.29 0.00	32.10 1.52 0.00	36.28 1.74 0.00	41.32 2.07 0.00	38.62 2.02 0.00	38.00 2.19 -0.10	37.73 2.28 -3.98	47.21 2.78 -0.51	42.29 2.94 -6.36	45.30 2.60 -0.01	36.73 2.13 0.00	36.67 1.86 0.00	44.51 2.33 0.00	39.00 2.26 0.00	40.19 2.17 0.00	45.47 2.34 0.00	54.98 2.91 0.00	49.09 2.42 -0.12	39.40 1.93 -1.57	48.92 1.67 -15.70
CALPINE_BETH_PAGE_GT_4 323586	33.30 1.90 0.00	31.56 1.64 0.00	31.58 1.54 0.00	31.18 1.42 0.00	27.69 1.29 0.00	32.10 1.51 0.00	36.29 1.74 0.00	41.32 2.07 0.00	38.62 2.02 0.00	38.00 2.19 -0.10	37.73 2.28 -3.98	47.22 2.79 -0.51	42.29 2.94 -6.36	45.31 2.60 -0.01	36.72 2.12 0.00	36.67 1.86 0.00	44.50 2.33 0.00	38.99 2.25 0.00	40.19 2.17 0.00	45.46 2.34 0.00	55.00 2.93 0.00	49.09 2.42 -0.12	39.40 1.93 -1.57	48.92 1.67 -15.70
CALPINE_BP_GT1 23823	33.30 1.90 0.00	31.56 1.64 0.00	31.58 1.54 0.00	31.18 1.42 0.00	27.69 1.29 0.00	32.10 1.51 0.00	36.29 1.74 0.00	41.32 2.07 0.00	38.62 2.02 0.00	38.00 2.19 -0.10	37.73 2.28 -3.98	47.22 2.79 -0.51	42.29 2.94 -6.36	45.31 2.60 -0.01	36.72 2.12 0.00	36.67 1.86 0.00	44.50 2.33 0.00	38.99 2.25 0.00	40.19 2.17 0.00	45.46 2.34 0.00	55.00 2.93 0.00	49.09 2.42 -0.12	39.40 1.93 -1.57	48.92 1.67 -15.70
CALSPAN___DRP 24200	29.47 -1.83 0.11	28.16 -1.75 0.00	28.33 -1.71 0.00	27.98 -1.78 0.00	24.79 -1.61 0.00	28.88 -1.71 0.00	32.70 -1.84 0.00	37.16 -2.09 0.00	34.90 -1.71 0.00	34.06 -1.75 0.00	33.52 -1.84 0.00	38.59 -1.86 0.00	36.90 -1.93 0.00	34.91 -1.44 0.00	32.99 -1.60 0.00	33.13 -1.67 0.00	38.20 -2.39 1.59	31.65 -2.13 2.97	35.84 -2.19 0.00	41.06 -2.06 0.00	50.19 -1.88 0.00	44.83 -1.72 0.00	34.30 -1.60 0.00	30.28 -1.28 0.00

CALVERTON___SOLAR 323806	33.29 1.88 0.00	31.49 1.58 0.00	31.50 1.45 0.00	31.09 1.33 0.00	27.59 1.19 0.00	31.95 1.36 0.00	36.12 1.58 0.00	41.05 1.80 0.00	38.51 1.90 0.00	38.00 2.19 0.00	37.45 2.02 -0.08	46.32 2.64 -3.23	42.36 3.11 -0.42	44.37 2.88 -5.15	36.98 2.38 -0.01	36.68 1.87 0.00	44.44 2.27 0.00	39.20 2.45 0.00	40.40 2.25 -0.13	48.12 2.59 -2.40	55.38 3.32 0.00	49.51 2.87 -0.10	39.49 2.32 -1.27	46.19 1.94 -12.70
CANDIGU_WT_PWR 323617	29.45 -1.49 0.46	28.63 -1.28 0.00	28.81 -1.23 0.00	28.41 -1.35 0.00	25.17 -1.23 0.00	29.33 -1.26 0.00	33.35 -1.20 0.00	38.02 -1.23 0.00	35.35 -1.25 0.00	34.61 -1.19 0.00	34.23 -1.12 0.00	39.40 -1.05 0.00	37.68 -1.15 0.00	35.56 -0.79 0.00	33.60 -0.98 0.00	33.55 -1.26 0.00	33.65 -1.68 6.86	22.52 -1.44 12.79	36.56 -1.47 0.00	41.76 -1.36 0.00	50.91 -1.17 0.00	45.24 -1.31 0.00	34.67 -1.23 0.00	30.69 -0.87 0.00
CARR STREET_E_SYR 24060	31.05 -0.35 0.00	29.58 -0.33 0.00	29.70 -0.34 0.00	29.41 -0.35 0.00	26.09 -0.30 0.00	30.27 -0.32 0.00	34.17 -0.38 0.00	38.72 -0.53 0.00	36.14 -0.46 0.00	35.35 -0.46 0.00	34.93 -0.43 0.00	39.94 -0.51 0.00	38.23 -0.60 0.00	35.79 -0.56 0.00	34.03 -0.56 0.00	34.25 -0.56 0.00	41.44 -0.73 0.00	36.12 -0.63 0.00	37.37 -0.66 0.00	42.41 -0.71 0.00	51.29 -0.78 0.00	45.75 -0.80 0.00	35.27 -0.62 0.00	31.14 -0.42 0.00
CARTHAGE___PAPER 23857	30.70 -0.70 0.00	29.45 -0.47 0.00	29.81 -0.23 0.00	29.74 -0.02 0.00	26.40 0.00 0.00	30.73 0.15 0.00	34.94 0.39 0.00	39.64 0.40 0.00	36.89 0.28 0.00	36.08 0.27 0.00	35.39 0.04 0.00	39.96 -0.49 0.00	38.12 -0.71 0.00	35.77 -0.57 0.00	34.02 -0.57 0.00	34.10 -0.71 0.00	41.44 -0.74 0.00	36.41 -0.33 0.00	37.82 -0.21 0.00	43.11 -0.02 0.00	52.11 0.04 0.00	46.47 -0.07 0.00	35.67 -0.22 0.00	31.37 -0.19 0.00
CASSADAGA_WT_PWR 323784	29.96 -1.35 0.10	28.75 -1.17 0.00	28.91 -1.13 0.00	28.41 -1.35 0.00	25.20 -1.20 0.00	29.49 -1.10 0.00	33.47 -1.07 0.00	38.23 -1.02 0.00	35.88 -0.73 0.00	35.05 -0.76 0.00	34.57 -0.78 0.00	39.88 -0.57 0.00	38.17 -0.67 0.00	36.11 -0.23 0.00	34.12 -0.47 0.00	34.41 -0.40 0.00	39.99 -0.71 1.47	33.22 -0.78 2.74	37.14 -0.89 0.00	42.57 -0.55 0.00	51.98 -0.08 0.00	46.31 -0.23 0.00	35.25 -0.64 0.00	31.11 -0.44 0.00
CE_DUNWOOD___DRP 24194	32.77 1.37 0.00	31.13 1.22 0.00	31.19 1.15 0.00	30.82 1.06 0.00	27.37 0.97 0.00	31.72 1.13 0.00	35.86 1.31 0.00	40.86 1.61 0.00	38.12 1.52 0.00	37.42 1.61 0.00	37.14 1.78 0.00	42.55 2.11 0.00	41.03 2.20 0.00	38.25 1.91 0.00	36.23 1.64 0.00	36.48 1.67 0.00	44.27 2.10 0.00	38.66 1.92 0.00	39.83 1.80 0.00	44.95 1.82 0.00	54.32 2.25 0.00	48.34 1.80 0.00	37.23 1.33 0.00	32.71 1.15 0.00
CE_MILLWOOD___DRP 24193	32.71 1.30 0.00	31.07 1.16 0.00	31.15 1.10 0.00	30.77 1.01 0.00	27.33 0.93 0.00	31.68 1.09 0.00	35.81 1.26 0.00	40.79 1.55 0.00	38.06 1.46 0.00	37.35 1.54 0.00	37.07 1.71 0.00	42.47 2.02 0.00	40.95 2.12 0.00	38.17 1.82 0.00	36.16 1.57 0.00	36.41 1.60 0.00	44.20 2.02 0.00	38.58 1.84 0.00	39.76 1.73 0.00	44.86 1.74 0.00	54.23 2.16 0.00	48.28 1.73 0.00	37.17 1.28 0.00	32.67 1.11 0.00
CE_NYC2_DRP 24202	32.81 1.40 0.00	31.19 1.28 0.00	31.27 1.23 0.00	30.91 1.15 0.00	27.50 1.10 0.00	31.85 1.26 0.00	35.96 1.41 0.00	41.01 1.77 0.00	38.34 1.73 0.00	37.64 1.83 0.00	37.36 2.00 0.00	42.85 2.40 0.00	41.35 2.52 0.00	38.53 2.18 0.00	36.46 1.87 0.00	36.68 1.87 0.00	44.52 2.35 0.00	38.92 2.18 0.00	40.05 2.02 0.00	45.12 1.99 0.00	54.49 2.43 0.00	48.49 1.95 0.00	37.39 1.49 0.00	32.82 1.26 0.00
CE_NYC_DRP 24195	32.87 1.46 0.00	31.23 1.32 0.00	31.29 1.25 0.00	30.93 1.17 0.00	27.50 1.10 0.00	31.87 1.28 0.00	36.02 1.48 0.00	41.07 1.82 0.00	38.33 1.73 0.00	37.65 1.84 0.00	37.38 2.03 0.00	42.84 2.40 0.00	41.36 2.53 0.00	38.52 2.17 0.00	36.47 1.88 0.00	36.72 1.91 0.00	44.57 2.40 0.00	38.95 2.21 0.00	40.08 2.06 0.00	45.17 2.05 0.00	54.65 2.58 0.00	48.54 2.00 0.00	37.39 1.49 0.00	32.81 1.25 0.00
CHAFFEE___LFGE 323603	29.67 -1.64 0.10	28.33 -1.58 0.00	28.50 -1.55 0.00	28.14 -1.62 0.00	24.94 -1.46 0.00	29.07 -1.52 0.00	32.94 -1.60 0.00	37.45 -1.80 0.00	35.17 -1.44 0.00	34.30 -1.51 0.00	33.76 -1.59 0.00	38.87 -1.57 0.00	37.18 -1.65 0.00	35.15 -1.19 0.00	33.21 -1.38 0.00	33.37 -1.43 0.00	38.62 -2.06 1.49	32.13 -1.83 2.78	36.14 -1.89 0.00	41.40 -1.73 0.00	50.55 -1.52 0.00	45.14 -1.41 0.00	34.51 -1.39 0.00	30.44 -1.12 0.00
CHATEAUG_35_KV_LOAD 355732	31.52 0.11 0.00	30.01 0.10 0.00	30.13 0.08 0.00	29.83 0.07 0.00	26.46 0.07 0.00	30.71 0.13 0.00	34.79 0.24 0.00	39.64 0.39 0.00	36.98 0.38 0.00	36.12 0.31 0.00	35.49 0.14 0.00	40.64 0.20 0.00	38.96 0.12 0.00	36.61 0.26 0.00	34.92 0.33 0.00	35.07 0.27 0.00	42.49 0.32 0.00	37.06 0.31 0.00	38.45 0.42 0.00	43.76 0.63 0.00	52.85 0.78 0.00	47.32 0.78 0.00	36.41 0.51 0.00	31.78 0.22 0.00
CHATEAUG_WT_PWR 323614	31.51 0.10 0.00	30.02 0.10 0.00	30.12 0.08 0.00	29.83 0.07 0.00	26.46 0.06 0.00	30.70 0.11 0.00	34.76 0.21 0.00	39.61 0.36 0.00	36.96 0.35 0.00	36.15 0.35 0.00	35.53 0.18 0.00	40.60 0.15 0.00	39.00 0.16 0.00	36.64 0.30 0.00	34.97 0.38 0.00	35.11 0.30 0.00	42.52 0.34 0.00	37.05 0.30 0.00	38.42 0.39 0.00	43.68 0.55 0.00	52.78 0.72 0.00	47.26 0.72 0.00	36.35 0.46 0.00	31.74 0.18 0.00
CHAT_HIGH_FALL_HYD 323578	31.52 0.11 0.00	30.01 0.10 0.00	30.13 0.08 0.00	29.83 0.07 0.00	26.46 0.07 0.00	30.71 0.13 0.00	34.79 0.24 0.00	39.64 0.39 0.00	36.98 0.38 0.00	36.12 0.31 0.00	35.49 0.14 0.00	40.64 0.20 0.00	38.96 0.12 0.00	36.61 0.26 0.00	34.92 0.33 0.00	35.07 0.27 0.00	42.49 0.32 0.00	37.06 0.31 0.00	38.45 0.42 0.00	43.76 0.63 0.00	52.85 0.78 0.00	47.32 0.78 0.00	36.41 0.51 0.00	31.78 0.22 0.00
CHAUTAUQUA___LFGE 323629	29.90 -1.40 0.11	28.68 -1.23 0.00	28.85 -1.19 0.00	28.37 -1.39 0.00	25.18 -1.22 0.00	29.41 -1.18 0.00	33.34 -1.20 0.00	37.95 -1.30 0.00	35.59 -1.02 0.00	34.70 -1.10 0.00	34.23 -1.12 0.00	39.49 -0.96 0.00	37.81 -1.02 0.00	35.75 -0.59 0.00	33.78 -0.82 0.00	34.02 -0.79 0.00	39.43 -1.20 1.54	32.71 -1.15 2.88	36.78 -1.25 0.00	42.13 -0.99 0.00	51.50 -0.57 0.00	45.92 -0.63 0.00	34.96 -0.94 0.00	30.86 -0.70 0.00
CHERRYST_13_KV_LD 356241	32.94 1.53 0.00	31.30 1.39 0.00	31.36 1.32 0.00	31.01 1.25 0.00	27.56 1.16 0.00	31.95 1.36 0.00	36.12 1.58 0.00	41.20 1.95 0.00	38.46 1.85 0.00	37.77 1.96 0.00	37.50 2.14 0.00	42.99 2.54 0.00	41.49 2.66 0.00	38.64 2.29 0.00	36.60 2.00 0.00	36.87 2.06 0.00	44.77 2.59 0.00	39.10 2.36 0.00	40.23 2.20 0.00	45.34 2.21 0.00	54.82 2.75 0.00	48.70 2.15 0.00	37.50 1.61 0.00	32.90 1.34 0.00

CHESTROR_138KV_BK263 355645	32.46 1.06 0.00	30.85 0.94 0.00	30.96 0.91 0.00	30.62 0.86 0.00	27.19 0.79 0.00	31.52 0.93 0.00	35.64 1.10 0.00	40.56 1.32 0.00	37.83 1.22 0.00	37.07 1.27 0.00	36.75 1.39 0.00	42.09 1.64 0.00	40.56 1.73 0.00	37.84 1.50 0.00	35.89 1.30 0.00	36.18 1.37 0.00	43.91 1.73 0.00	38.31 1.57 0.00	39.50 1.47 0.00	44.61 1.49 0.00	53.93 1.87 0.00	48.05 1.50 0.00	36.98 1.08 0.00	32.50 0.94 0.00
CH_MIDHUDSON___DRP 24192	32.67 1.27 0.00	31.04 1.13 0.00	31.13 1.09 0.00	30.78 1.01 0.00	27.31 0.91 0.00	31.65 1.06 0.00	35.77 1.22 0.00	40.75 1.51 0.00	38.03 1.43 0.00	37.28 1.47 0.00	36.96 1.61 0.00	42.30 1.85 0.00	40.75 1.92 0.00	38.01 1.66 0.00	36.04 1.45 0.00	36.31 1.50 0.00	44.10 1.93 0.00	38.49 1.75 0.00	39.72 1.69 0.00	44.86 1.73 0.00	54.18 2.11 0.00	48.26 1.72 0.00	37.17 1.27 0.00	32.67 1.12 0.00
CH_MISC_IPPS 23765	32.82 1.42 0.00	31.18 1.26 0.00	31.26 1.22 0.00	30.90 1.14 0.00	27.44 1.04 0.00	31.81 1.22 0.00	35.97 1.43 0.00	40.99 1.74 0.00	38.24 1.63 0.00	37.47 1.66 0.00	37.14 1.78 0.00	42.50 2.05 0.00	40.95 2.12 0.00	38.21 1.86 0.00	36.23 1.64 0.00	36.53 1.72 0.00	44.39 2.21 0.00	38.75 2.00 0.00	39.98 1.95 0.00	45.15 2.03 0.00	54.59 2.52 0.00	48.59 2.04 0.00	37.40 1.51 0.00	32.85 1.30 0.00
CH_RES_BVR_FALLS 23983	31.30 -0.10 0.00	29.85 -0.07 0.00	29.99 -0.06 0.00	29.72 -0.04 0.00	26.37 -0.03 0.00	30.56 -0.03 0.00	34.54 0.00 0.00	39.28 0.03 0.00	36.64 0.04 0.00	35.83 0.03 0.00	35.33 -0.02 0.00	40.41 -0.04 0.00	38.80 -0.04 0.00	36.36 0.02 0.00	34.62 0.03 0.00	34.84 0.03 0.00	42.19 0.02 0.00	36.76 0.02 0.00	38.09 0.06 0.00	43.20 0.08 0.00	52.18 0.10 0.00	46.65 0.10 0.00	35.95 0.06 0.00	31.54 -0.02 0.00
CH_RES_NIAGARA 23895	28.90 -2.42 0.09	27.59 -2.32 0.00	27.76 -2.28 0.00	27.42 -2.33 0.00	24.32 -2.08 0.00	28.26 -2.33 0.00	31.92 -2.62 0.00	36.22 -3.03 0.00	34.01 -2.60 0.00	33.15 -2.66 0.00	32.61 -2.74 0.00	37.50 -2.95 0.00	35.89 -2.95 0.00	33.94 -2.41 0.00	32.09 -2.50 0.00	32.27 -2.54 0.00	37.42 -3.52 1.23	31.29 -3.16 2.29	34.81 -3.21 0.00	39.92 -3.20 0.00	48.33 -3.31 0.43	43.59 -2.95 0.01	33.45 -2.44 0.00	29.56 -1.99 0.00
CH_RES_SYRACUSE 23985	31.20 -0.20 0.00	29.71 -0.21 0.00	29.84 -0.21 0.00	29.54 -0.22 0.00	26.21 -0.19 0.00	30.42 -0.17 0.00	34.37 -0.18 0.00	38.91 -0.33 0.00	36.28 -0.33 0.00	35.50 -0.31 0.00	35.08 -0.28 0.00	40.14 -0.31 0.00	38.46 -0.37 0.00	35.99 -0.36 0.00	34.22 -0.37 0.00	34.44 -0.37 0.00	41.70 -0.47 0.00	36.33 -0.41 0.00	37.61 -0.42 0.00	42.69 -0.44 0.00	51.59 -0.48 0.00	46.02 -0.53 0.00	35.46 -0.43 0.00	31.30 -0.26 0.00
CLINTON_WT_PWR 323605	31.51 0.10 0.00	30.02 0.10 0.00	30.12 0.08 0.00	29.83 0.07 0.00	26.46 0.06 0.00	30.70 0.11 0.00	34.76 0.21 0.00	39.61 0.36 0.00	36.96 0.35 0.00	36.15 0.35 0.00	35.53 0.18 0.00	40.60 0.15 0.00	39.00 0.16 0.00	36.64 0.30 0.00	34.97 0.38 0.00	35.11 0.30 0.00	42.52 0.34 0.00	37.05 0.30 0.00	38.42 0.39 0.00	43.68 0.55 0.00	52.78 0.72 0.00	47.26 0.72 0.00	36.35 0.46 0.00	31.74 0.18 0.00
CLINTON___LFGE 323618	31.86 0.46 0.00	30.35 0.43 0.00	30.43 0.39 0.00	30.13 0.38 0.00	26.77 0.37 0.00	31.04 0.46 0.00	35.18 0.63 0.00	40.05 0.81 0.00	37.35 0.74 0.00	36.56 0.75 0.00	35.87 0.51 0.00	40.98 0.53 0.00	39.34 0.51 0.00	37.04 0.69 0.00	35.33 0.75 0.00	35.49 0.68 0.00	42.99 0.81 0.00	37.46 0.72 0.00	38.83 0.80 0.00	44.20 1.07 0.00	53.49 1.43 0.00	47.84 1.30 0.00	36.80 0.91 0.00	32.09 0.53 0.00
COBBLENY_34_KV_TB1 80064	29.66 -1.64 0.10	28.33 -1.58 0.00	28.50 -1.55 0.00	28.14 -1.62 0.00	24.94 -1.46 0.00	29.07 -1.52 0.00	32.94 -1.60 0.00	37.45 -1.80 0.00	35.17 -1.44 0.00	34.31 -1.50 0.00	33.76 -1.60 0.00	38.88 -1.57 0.00	37.18 -1.65 0.00	35.16 -1.19 0.00	33.20 -1.38 0.00	33.37 -1.44 0.00	38.62 -2.07 1.49	32.13 -1.83 2.78	36.14 -1.89 0.00	41.39 -1.74 0.00	50.57 -1.50 0.00	45.14 -1.40 0.00	34.51 -1.38 0.00	30.45 -1.11 0.00
COFFEEN___115KV_TB3 355620	30.68 -0.72 0.00	29.40 -0.51 0.00	29.77 -0.27 0.00	29.71 -0.05 0.00	26.36 -0.04 0.00	30.72 0.13 0.00	34.93 0.39 0.00	39.62 0.37 0.00	36.90 0.29 0.00	36.13 0.32 0.00	35.46 0.10 0.00	39.96 -0.49 0.00	38.04 -0.80 0.00	35.73 -0.62 0.00	33.97 -0.62 0.00	34.07 -0.74 0.00	41.50 -0.67 0.00	36.39 -0.35 0.00	37.77 -0.26 0.00	43.05 -0.07 0.00	52.13 0.07 0.00	46.45 -0.09 0.00	35.56 -0.34 0.00	31.33 -0.23 0.00
COLDSPRG_115KV_BK1 355956	30.49 -0.83 0.09	29.18 -0.74 0.00	29.35 -0.70 0.00	28.93 -0.83 0.00	25.66 -0.74 0.00	29.98 -0.62 0.00	34.04 -0.51 0.00	38.80 -0.44 0.00	36.33 -0.28 0.00	35.49 -0.32 0.00	34.99 -0.37 0.00	40.36 -0.09 0.00	38.64 -0.19 0.00	36.52 0.18 0.00	34.47 -0.12 0.00	34.69 -0.12 0.00	40.44 -0.37 1.36	33.81 -0.40 2.53	37.51 -0.52 0.00	42.91 -0.21 0.00	52.46 0.39 0.00	46.69 0.15 0.00	35.51 -0.39 0.00	31.27 -0.28 0.00
COLONIE_LFGE___ 323577	32.20 0.80 0.00	30.68 0.76 0.00	30.81 0.77 0.00	30.55 0.79 0.00	27.05 0.65 0.00	31.29 0.70 0.00	35.36 0.82 0.00	40.28 1.04 0.00	37.51 0.90 0.00	36.72 0.91 0.00	36.32 0.97 0.00	41.53 1.08 0.00	39.92 1.09 0.00	37.27 0.92 0.00	35.49 0.90 0.00	35.76 0.95 0.00	43.40 1.23 0.00	37.69 0.95 0.00	39.01 0.99 0.00	44.19 1.07 0.00	53.19 1.12 0.00	47.61 1.07 0.00	36.76 0.86 0.00	32.23 0.67 0.00
COOPERNY_115KV_TB1 80082	32.33 0.92 0.00	30.72 0.81 0.00	30.83 0.79 0.00	30.50 0.74 0.00	27.08 0.68 0.00	31.40 0.81 0.00	35.50 0.95 0.00	40.38 1.13 0.00	37.65 1.04 0.00	36.90 1.09 0.00	36.57 1.21 0.00	41.87 1.42 0.00	40.32 1.49 0.00	37.65 1.30 0.00	35.70 1.11 0.00	35.98 1.17 0.00	43.65 1.47 0.00	38.10 1.35 0.00	39.29 1.26 0.00	44.39 1.27 0.00	53.67 1.60 0.00	47.82 1.27 0.00	36.83 0.93 0.00	32.37 0.81 0.00
COPENHAGEN_WT_PWR 323753	30.40 -1.01 0.00	29.20 -0.72 0.00	29.62 -0.42 0.00	29.62 -0.14 0.00	26.27 -0.13 0.00	30.59 0.00 0.00	34.77 0.22 0.00	39.43 0.18 0.00	36.71 0.10 0.00	35.94 0.14 0.00	35.30 -0.06 0.00	39.84 -0.61 0.00	37.97 -0.86 0.00	35.63 -0.72 0.00	33.87 -0.72 0.00	33.93 -0.87 0.00	41.29 -0.89 0.00	36.20 -0.54 0.00	37.55 -0.48 0.00	42.79 -0.33 0.00	51.72 -0.35 0.00	46.08 -0.46 0.00	35.33 -0.56 0.00	31.14 -0.41 0.00
CORNELL_____ 23752	31.78 0.34 -0.03	30.22 0.31 0.00	30.31 0.27 0.00	30.00 0.24 0.00	26.64 0.24 0.00	30.96 0.37 0.00	35.08 0.54 0.00	39.85 0.60 0.00	37.14 0.53 0.00	36.25 0.44 0.00	35.79 0.43 0.00	40.94 0.49 0.00	39.21 0.38 0.00	36.74 0.39 0.00	34.85 0.25 0.00	35.15 0.34 0.00	43.09 0.43 -0.49	38.05 0.40 -0.91	38.50 0.48 0.00	43.76 0.64 0.00	53.04 0.97 0.00	47.23 0.68 0.00	36.25 0.35 0.00	31.91 0.35 0.00

CORONA_69_KV_TB1 355595	33.20 1.79 0.00	31.49 1.57 0.00	31.52 1.48 0.00	31.13 1.37 0.00	27.65 1.25 0.00	32.06 1.47 0.00	36.27 1.72 0.00	41.31 2.06 0.00	38.58 1.97 0.00	37.92 2.11 0.00	37.72 2.20 -0.16	49.81 2.68 -6.68	42.51 2.82 -0.86	49.48 2.48 -10.65	36.69 2.09 -0.02	36.72 1.91 0.00	44.57 2.39 0.00	39.03 2.29 0.00	40.17 2.14 0.00	45.42 2.30 0.00	54.89 2.81 0.00	49.12 2.36 -0.21	40.35 1.84 -2.62	59.28 1.54 -26.18
CORTLAND_115KV_TB3 80093	31.56 0.15 -0.01	30.06 0.14 0.00	30.18 0.13 0.00	29.86 0.10 0.00	26.50 0.10 0.00	30.78 0.19 0.00	34.84 0.29 0.00	39.52 0.27 0.00	36.85 0.24 0.00	35.99 0.18 0.00	35.56 0.20 0.00	40.65 0.21 0.00	38.95 0.12 0.00	36.51 0.17 0.00	34.67 0.09 0.00	34.92 0.11 0.00	42.36 0.18 0.00	36.94 0.20 0.00	38.24 0.21 0.00	43.40 0.28 0.00	52.58 0.51 0.00	46.85 0.30 0.00	36.00 0.10 0.00	31.71 0.15 0.00
COXSACKIE___GT 23611	32.88 1.47 0.00	31.29 1.38 0.00	31.39 1.35 0.00	31.10 1.34 0.00	27.55 1.15 0.00	31.93 1.34 0.00	36.17 1.62 0.00	41.27 2.02 0.00	38.37 1.76 0.00	37.41 1.60 0.00	37.02 1.66 0.00	42.27 1.82 0.00	40.41 1.57 0.00	37.90 1.56 0.00	35.75 1.16 0.00	35.86 1.05 0.00	44.34 2.16 0.00	38.67 1.93 0.00	40.19 2.16 0.00	45.45 2.32 0.00	54.71 2.65 0.00	48.88 2.33 0.00	37.64 1.74 0.00	33.01 1.45 0.00
CPV_VALLEY___CC1 323721	32.27 0.86 0.00	30.66 0.74 0.00	30.77 0.72 0.00	30.44 0.68 0.00	27.03 0.63 0.00	31.32 0.73 0.00	35.41 0.87 0.00	40.29 1.05 0.00	37.57 0.96 0.00	36.84 1.03 0.00	36.54 1.18 0.00	41.83 1.38 0.00	40.31 1.47 0.00	37.63 1.28 0.00	35.67 1.08 0.00	35.95 1.14 0.00	43.60 1.42 0.00	38.07 1.32 0.00	39.23 1.20 0.00	44.29 1.17 0.00	53.54 1.47 0.00	47.69 1.15 0.00	36.74 0.85 0.00	32.29 0.73 0.00
CPV_VALLEY___CC2 323722	32.27 0.86 0.00	30.66 0.74 0.00	30.77 0.72 0.00	30.44 0.68 0.00	27.03 0.63 0.00	31.32 0.73 0.00	35.41 0.87 0.00	40.29 1.05 0.00	37.57 0.96 0.00	36.84 1.03 0.00	36.54 1.18 0.00	41.83 1.38 0.00	40.31 1.47 0.00	37.63 1.28 0.00	35.67 1.08 0.00	35.95 1.14 0.00	43.60 1.42 0.00	38.07 1.32 0.00	39.23 1.20 0.00	44.29 1.17 0.00	53.54 1.47 0.00	47.69 1.15 0.00	36.74 0.85 0.00	32.29 0.73 0.00
CRESCENT___HYD 24018	32.20 0.80 0.00	30.68 0.76 0.00	30.81 0.77 0.00	30.55 0.79 0.00	27.05 0.65 0.00	31.29 0.70 0.00	35.36 0.82 0.00	40.28 1.04 0.00	37.51 0.90 0.00	36.72 0.91 0.00	36.32 0.97 0.00	41.53 1.08 0.00	39.92 1.09 0.00	37.27 0.92 0.00	35.49 0.90 0.00	35.76 0.95 0.00	43.40 1.23 0.00	37.69 0.95 0.00	39.01 0.99 0.00	44.19 1.07 0.00	53.19 1.12 0.00	47.61 1.07 0.00	36.76 0.86 0.00	32.23 0.67 0.00
CRICKET___VALLEY_CC1 323756	32.44 1.04 0.00	30.79 0.88 0.00	30.88 0.83 0.00	30.51 0.75 0.00	27.07 0.68 0.00	31.35 0.76 0.00	35.37 0.83 0.00	40.30 1.05 0.00	37.68 1.07 0.00	36.94 1.13 0.00	36.65 1.29 0.00	41.96 1.51 0.00	40.43 1.59 0.00	37.68 1.33 0.00	35.72 1.13 0.00	36.00 1.19 0.00	43.69 1.51 0.00	38.11 1.37 0.00	39.33 1.30 0.00	44.39 1.27 0.00	53.58 1.51 0.00	47.74 1.20 0.00	36.80 0.91 0.00	32.42 0.86 0.00
CRICKET___VALLEY_CC2 323757	32.44 1.04 0.00	30.79 0.88 0.00	30.88 0.83 0.00	30.51 0.75 0.00	27.07 0.68 0.00	31.35 0.76 0.00	35.37 0.83 0.00	40.30 1.05 0.00	37.68 1.07 0.00	36.94 1.13 0.00	36.65 1.29 0.00	41.96 1.51 0.00	40.43 1.59 0.00	37.68 1.33 0.00	35.72 1.13 0.00	36.00 1.19 0.00	43.69 1.51 0.00	38.11 1.37 0.00	39.33 1.30 0.00	44.39 1.27 0.00	53.58 1.51 0.00	47.74 1.20 0.00	36.80 0.91 0.00	32.42 0.86 0.00
CRICKET___VALLEY_CC3 323758	32.44 1.04 0.00	30.79 0.88 0.00	30.88 0.83 0.00	30.51 0.75 0.00	27.07 0.68 0.00	31.35 0.76 0.00	35.37 0.83 0.00	40.30 1.05 0.00	37.68 1.07 0.00	36.94 1.13 0.00	36.65 1.29 0.00	41.96 1.51 0.00	40.43 1.59 0.00	37.68 1.33 0.00	35.72 1.13 0.00	36.00 1.19 0.00	43.69 1.51 0.00	38.11 1.37 0.00	39.33 1.30 0.00	44.39 1.27 0.00	53.58 1.51 0.00	47.74 1.20 0.00	36.80 0.91 0.00	32.42 0.86 0.00
CRUCIBLE_METL_DRP 24180	31.20 -0.21 0.00	29.71 -0.21 0.00	29.84 -0.21 0.00	29.54 -0.22 0.00	26.21 -0.19 0.00	30.42 -0.17 0.00	34.37 -0.18 0.00	38.91 -0.33 0.00	36.28 -0.33 0.00	35.49 -0.31 0.00	35.08 -0.28 0.00	40.15 -0.30 0.00	38.46 -0.37 0.00	35.99 -0.36 0.00	34.22 -0.37 0.00	34.44 -0.37 0.00	41.70 -0.47 0.00	36.33 -0.41 0.00	37.61 -0.42 0.00	42.69 -0.44 0.00	51.59 -0.48 0.00	46.01 -0.53 0.00	35.46 -0.43 0.00	31.30 -0.26 0.00
DAHOWA___HYDRO 323763	32.65 1.25 0.00	31.10 1.19 0.00	31.26 1.22 0.00	30.97 1.22 0.00	27.47 1.07 0.00	31.85 1.26 0.00	36.09 1.55 0.00	41.16 1.91 0.00	38.26 1.66 0.00	37.29 1.48 0.00	36.75 1.40 0.00	42.04 1.60 0.00	40.40 1.57 0.00	37.71 1.36 0.00	35.92 1.33 0.00	36.27 1.46 0.00	44.23 2.05 0.00	38.45 1.71 0.00	39.82 1.79 0.00	45.18 2.06 0.00	54.45 2.38 0.00	48.68 2.14 0.00	37.43 1.53 0.00	32.75 1.20 0.00
DANC___LFGE 323619	30.58 -0.82 0.00	29.25 -0.67 0.00	29.55 -0.49 0.00	29.43 -0.33 0.00	26.09 -0.31 0.00	30.31 -0.28 0.00	34.33 -0.21 0.00	38.91 -0.34 0.00	36.27 -0.34 0.00	35.54 -0.27 0.00	34.98 -0.37 0.00	39.67 -0.78 0.00	37.87 -0.97 0.00	35.50 -0.85 0.00	33.76 -0.83 0.00	33.87 -0.94 0.00	41.11 -1.07 0.00	35.93 -0.81 0.00	37.23 -0.79 0.00	42.36 -0.76 0.00	51.20 -0.87 0.00	45.67 -0.88 0.00	35.11 -0.79 0.00	31.02 -0.54 0.00
DANSKAMMER___1 23586	32.82 1.42 0.00	31.18 1.26 0.00	31.26 1.22 0.00	30.90 1.14 0.00	27.44 1.04 0.00	31.81 1.22 0.00	35.97 1.43 0.00	40.99 1.74 0.00	38.24 1.63 0.00	37.47 1.66 0.00	37.14 1.78 0.00	42.50 2.05 0.00	40.95 2.12 0.00	38.21 1.86 0.00	36.23 1.64 0.00	36.53 1.72 0.00	44.39 2.21 0.00	38.75 2.00 0.00	39.98 1.95 0.00	45.15 2.03 0.00	54.59 2.52 0.00	48.59 2.04 0.00	37.40 1.51 0.00	32.85 1.30 0.00
DANSKAMMER___2 23589	32.82 1.42 0.00	31.18 1.26 0.00	31.26 1.22 0.00	30.90 1.14 0.00	27.44 1.04 0.00	31.81 1.22 0.00	35.97 1.43 0.00	40.99 1.74 0.00	38.24 1.63 0.00	37.47 1.66 0.00	37.14 1.78 0.00	42.50 2.05 0.00	40.95 2.12 0.00	38.21 1.86 0.00	36.23 1.64 0.00	36.53 1.72 0.00	44.39 2.21 0.00	38.75 2.00 0.00	39.98 1.95 0.00	45.15 2.03 0.00	54.59 2.52 0.00	48.59 2.04 0.00	37.40 1.51 0.00	32.85 1.30 0.00
DANSKAMMER___3 23590	32.82 1.42 0.00	31.18 1.26 0.00	31.26 1.22 0.00	30.90 1.14 0.00	27.44 1.04 0.00	31.81 1.22 0.00	35.97 1.43 0.00	40.99 1.74 0.00	38.24 1.63 0.00	37.47 1.66 0.00	37.14 1.78 0.00	42.50 2.05 0.00	40.95 2.12 0.00	38.21 1.86 0.00	36.23 1.64 0.00	36.53 1.72 0.00	44.39 2.21 0.00	38.75 2.00 0.00	39.98 1.95 0.00	45.15 2.03 0.00	54.59 2.52 0.00	48.59 2.04 0.00	37.40 1.51 0.00	32.85 1.30 0.00

DANSKAMMER___4 23591	32.82 1.42 0.00	31.18 1.26 0.00	31.26 1.22 0.00	30.90 1.14 0.00	27.44 1.04 0.00	31.81 1.22 0.00	35.97 1.43 0.00	40.99 1.74 0.00	38.24 1.63 0.00	37.47 1.66 0.00	37.14 1.78 0.00	42.50 2.05 0.00	40.95 2.12 0.00	38.21 1.86 0.00	36.23 1.64 0.00	36.53 1.72 0.00	44.39 2.21 0.00	38.75 2.00 0.00	39.98 1.95 0.00	45.15 2.03 0.00	54.59 2.52 0.00	48.59 2.04 0.00	37.40 1.51 0.00	32.85 1.30 0.00
DANSKAMMER___DIESEL 23592	32.82 1.41 0.00	31.18 1.26 0.00	31.26 1.22 0.00	30.90 1.14 0.00	27.44 1.04 0.00	31.81 1.22 0.00	35.98 1.43 0.00	40.99 1.74 0.00	38.24 1.63 0.00	37.46 1.65 0.00	37.14 1.78 0.00	42.49 2.05 0.00	40.96 2.12 0.00	38.21 1.86 0.00	36.23 1.64 0.00	36.53 1.72 0.00	44.39 2.21 0.00	38.74 2.00 0.00	39.98 1.95 0.00	45.16 2.03 0.00	54.59 2.52 0.00	48.59 2.04 0.00	37.40 1.50 0.00	32.85 1.30 0.00
DARBY___SOLAR 323810	32.57 1.16 0.00	31.02 1.11 0.00	31.19 1.14 0.00	30.90 1.14 0.00	27.40 1.00 0.00	31.75 1.16 0.00	35.96 1.41 0.00	40.98 1.73 0.00	38.10 1.49 0.00	37.15 1.35 0.00	36.65 1.30 0.00	41.93 1.48 0.00	40.27 1.44 0.00	37.60 1.26 0.00	35.82 1.23 0.00	36.15 1.34 0.00	44.05 1.87 0.00	38.30 1.56 0.00	39.66 1.63 0.00	44.98 1.86 0.00	54.20 2.14 0.00	48.47 1.93 0.00	37.29 1.40 0.00	32.67 1.11 0.00
DASHVILLE___HYD 23610	32.50 1.10 0.00	30.88 0.96 0.00	30.97 0.92 0.00	30.59 0.83 0.00	27.13 0.73 0.00	31.44 0.85 0.00	35.55 1.00 0.00	40.48 1.23 0.00	37.78 1.17 0.00	37.00 1.19 0.00	36.67 1.31 0.00	41.94 1.49 0.00	40.44 1.61 0.00	37.72 1.37 0.00	35.80 1.21 0.00	36.08 1.27 0.00	43.80 1.62 0.00	38.25 1.51 0.00	39.46 1.43 0.00	44.57 1.45 0.00	53.86 1.79 0.00	47.98 1.44 0.00	36.94 1.05 0.00	32.47 0.92 0.00
DELAWARE___LFGE 323621	32.05 0.65 0.00	30.51 0.59 0.00	30.61 0.57 0.00	30.30 0.53 0.00	26.88 0.49 0.00	31.20 0.61 0.00	35.30 0.75 0.00	40.10 0.85 0.00	37.38 0.78 0.00	36.58 0.77 0.00	36.19 0.83 0.00	41.43 0.98 0.00	39.79 0.96 0.00	37.19 0.84 0.00	35.34 0.75 0.00	35.59 0.78 0.00	43.19 1.02 0.00	37.67 0.92 0.00	38.92 0.89 0.00	44.08 0.96 0.00	53.32 1.25 0.00	47.55 1.01 0.00	36.59 0.69 0.00	32.16 0.61 0.00
DERFIELD_115KV_TB7 355931	31.45 0.04 0.00	29.94 0.03 0.00	30.08 0.03 0.00	29.79 0.03 0.00	26.42 0.03 0.00	30.62 0.03 0.00	34.58 0.03 0.00	39.29 0.04 0.00	36.62 0.01 0.00	35.83 0.02 0.00	35.39 0.04 0.00	40.50 0.05 0.00	38.89 0.06 0.00	36.37 0.02 0.00	34.59 0.00 0.00	34.84 0.03 0.00	42.26 0.08 0.00	36.81 0.06 0.00	38.07 0.04 0.00	43.13 0.00 0.00	52.07 0.00 0.00	46.55 0.00 0.00	35.89 -0.01 0.00	31.56 0.01 0.00
DOGLEVILLE___HYD 23807	32.56 1.16 0.00	31.05 1.13 0.00	31.04 1.00 0.00	30.79 1.03 0.00	27.33 0.93 0.00	31.69 1.10 0.00	35.81 1.27 0.00	40.71 1.46 0.00	37.58 0.97 0.00	36.71 0.89 0.00	36.53 1.18 0.00	41.76 1.31 0.00	39.91 1.08 0.00	37.06 0.71 0.00	35.14 0.55 0.00	35.72 0.91 0.00	43.96 1.78 0.00	38.14 1.40 0.00	39.44 1.41 0.00	44.61 1.49 0.00	53.91 1.84 0.00	48.18 1.63 0.00	37.05 1.16 0.00	32.44 0.88 0.00
DUNKIRK__115KV_TB_200 55889	29.88 -1.41 0.11	28.66 -1.25 0.00	28.83 -1.21 0.00	28.36 -1.39 0.00	25.18 -1.22 0.00	29.39 -1.20 0.00	33.33 -1.22 0.00	37.91 -1.35 0.00	35.54 -1.07 0.00	34.65 -1.15 0.00	34.17 -1.18 0.00	39.43 -1.01 0.00	37.74 -1.09 0.00	35.70 -0.66 0.00	33.71 -0.88 0.00	33.94 -0.87 0.00	39.35 -1.28 1.55	32.63 -1.21 2.89	36.71 -1.32 0.00	42.04 -1.09 0.00	51.43 -0.64 0.00	45.84 -0.71 0.00	34.90 -0.99 0.00	30.80 -0.76 0.00
DUNKIRK___1 23563	29.88 -1.41 0.11	28.66 -1.25 0.00	28.83 -1.21 0.00	28.36 -1.39 0.00	25.18 -1.22 0.00	29.39 -1.20 0.00	33.33 -1.22 0.00	37.91 -1.35 0.00	35.54 -1.07 0.00	34.65 -1.15 0.00	34.17 -1.18 0.00	39.43 -1.01 0.00	37.74 -1.09 0.00	35.70 -0.66 0.00	33.71 -0.88 0.00	33.94 -0.87 0.00	39.35 -1.28 1.55	32.63 -1.21 2.89	36.71 -1.32 0.00	42.04 -1.09 0.00	51.43 -0.64 0.00	45.84 -0.71 0.00	34.90 -0.99 0.00	30.80 -0.76 0.00
DUNKIRK___2 23564	29.88 -1.41 0.11	28.66 -1.25 0.00	28.83 -1.21 0.00	28.36 -1.39 0.00	25.18 -1.22 0.00	29.39 -1.20 0.00	33.33 -1.22 0.00	37.91 -1.35 0.00	35.54 -1.07 0.00	34.65 -1.15 0.00	34.17 -1.18 0.00	39.43 -1.01 0.00	37.74 -1.09 0.00	35.70 -0.66 0.00	33.71 -0.88 0.00	33.94 -0.87 0.00	39.35 -1.28 1.55	32.63 -1.21 2.89	36.71 -1.32 0.00	42.04 -1.09 0.00	51.43 -0.64 0.00	45.84 -0.71 0.00	34.90 -0.99 0.00	30.80 -0.76 0.00
DUNKIRK___3 23565	29.77 -1.53 0.11	28.53 -1.39 0.00	28.69 -1.35 0.00	28.26 -1.49 0.00	25.07 -1.33 0.00	29.25 -1.34 0.00	33.15 -1.40 0.00	37.67 -1.58 0.00	35.30 -1.30 0.00	34.44 -1.37 0.00	33.95 -1.41 0.00	39.15 -1.30 0.00	37.47 -1.36 0.00	35.44 -0.91 0.00	33.47 -1.12 0.00	33.67 -1.14 0.00	38.96 -1.63 1.58	32.29 -1.50 2.95	36.42 -1.61 0.00	41.70 -1.42 0.00	51.02 -1.05 0.00	45.49 -1.06 0.00	34.67 -1.23 0.00	30.60 -0.96 0.00
DUNKIRK___4 23566	29.77 -1.53 0.11	28.53 -1.39 0.00	28.69 -1.35 0.00	28.26 -1.49 0.00	25.07 -1.33 0.00	29.25 -1.34 0.00	33.15 -1.40 0.00	37.67 -1.58 0.00	35.30 -1.30 0.00	34.44 -1.37 0.00	33.95 -1.41 0.00	39.15 -1.30 0.00	37.47 -1.36 0.00	35.44 -0.91 0.00	33.47 -1.12 0.00	33.67 -1.14 0.00	38.96 -1.63 1.58	32.29 -1.50 2.95	36.42 -1.61 0.00	41.70 -1.42 0.00	51.02 -1.05 0.00	45.49 -1.06 0.00	34.67 -1.23 0.00	30.60 -0.96 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	32.82 1.41 0.00	31.19 1.27 0.00	31.25 1.21 0.00	30.86 1.11 0.00	27.41 1.01 0.00	31.77 1.18 0.00	35.90 1.35 0.00	40.90 1.66 0.00	38.18 1.57 0.00	37.47 1.66 0.00	37.18 1.83 0.00	42.61 2.17 0.00	41.11 2.28 0.00	38.31 1.96 0.00	36.27 1.68 0.00	36.52 1.71 0.00	44.33 2.15 0.00	38.74 1.99 0.00	39.90 1.87 0.00	45.01 1.89 0.00	54.40 2.32 0.00	48.41 1.87 0.00	37.29 1.40 0.00	32.76 1.20 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	32.67 1.26 0.00	31.04 1.13 0.00	31.13 1.09 0.00	30.78 1.02 0.00	27.34 0.94 0.00	31.69 1.10 0.00	35.85 1.30 0.00	40.82 1.57 0.00	38.08 1.47 0.00	37.28 1.47 0.00	36.96 1.60 0.00	42.31 1.86 0.00	40.76 1.93 0.00	38.05 1.70 0.00	36.09 1.50 0.00	36.38 1.57 0.00	44.19 2.01 0.00	38.57 1.83 0.00	39.79 1.76 0.00	44.94 1.82 0.00	54.33 2.26 0.00	48.37 1.83 0.00	37.22 1.33 0.00	32.70 1.15 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	32.81 1.40 0.00	31.16 1.25 0.00	31.22 1.18 0.00	30.89 1.13 0.00	27.51 1.12 0.00	31.87 1.28 0.00	35.94 1.39 0.00	40.97 1.72 0.00	38.28 1.67 0.00	37.55 1.74 0.00	37.28 1.92 0.00	42.77 2.32 0.00	41.28 2.45 0.00	38.45 2.10 0.00	36.41 1.81 0.00	36.64 1.83 0.00	44.49 2.31 0.00	38.88 2.14 0.00	40.00 1.97 0.00	45.06 1.94 0.00	54.40 2.32 0.00	48.43 1.88 0.00	37.40 1.50 0.00	32.81 1.25 0.00

E179THST_13_KV_LOAD 356214	32.93 1.52 0.00	31.27 1.36 0.00	31.34 1.29 0.00	31.00 1.24 0.00	27.58 1.18 0.00	31.95 1.36 0.00	36.04 1.49 0.00	41.13 1.88 0.00	38.44 1.83 0.00	37.71 1.90 0.00	37.42 2.07 0.00	42.95 2.50 0.00	41.46 2.62 0.00	38.61 2.26 0.00	36.55 1.96 0.00	36.81 2.00 0.00	44.68 2.51 0.00	39.07 2.32 0.00	40.16 2.13 0.00	45.27 2.15 0.00	54.63 2.56 0.00	48.62 2.07 0.00	37.55 1.65 0.00	32.94 1.38 0.00
EAST HAMPTON___GT 23717	32.49 1.08 0.00	30.72 0.80 0.00	30.72 0.67 0.00	30.32 0.56 0.00	26.92 0.52 0.00	31.21 0.62 0.00	35.34 0.79 0.00	40.24 0.99 0.00	38.04 1.44 0.00	37.82 2.01 0.00	36.97 1.54 -0.08	45.62 1.95 -3.23	41.98 2.74 -0.42	44.67 3.18 -5.15	37.67 3.07 -0.01	37.65 2.84 0.00	45.75 3.57 0.00	40.32 3.58 0.00	41.39 3.24 -0.13	49.49 3.99 -2.38	57.03 4.96 0.00	50.96 4.32 -0.10	40.56 3.40 -1.27	47.07 2.81 -12.70
EAST RIVER___6 23660	32.94 1.53 0.00	31.29 1.37 0.00	31.35 1.30 0.00	30.98 1.22 0.00	27.55 1.15 0.00	31.93 1.34 0.00	36.11 1.56 0.00	41.17 1.93 0.00	38.45 1.85 0.00	37.76 1.95 0.00	37.50 2.14 0.00	42.99 2.55 0.00	41.49 2.66 0.00	38.63 2.29 0.00	36.59 2.00 0.00	36.82 2.01 0.00	44.70 2.52 0.00	39.06 2.31 0.00	40.18 2.15 0.00	45.28 2.16 0.00	54.76 2.69 0.00	48.64 2.09 0.00	37.44 1.55 0.00	32.85 1.30 0.00
EAST RIVER___7 23524	32.94 1.53 0.00	31.29 1.37 0.00	31.35 1.30 0.00	30.98 1.22 0.00	27.55 1.15 0.00	31.93 1.34 0.00	36.11 1.56 0.00	41.17 1.93 0.00	38.45 1.85 0.00	37.76 1.95 0.00	37.50 2.14 0.00	42.99 2.55 0.00	41.49 2.66 0.00	38.63 2.29 0.00	36.59 2.00 0.00	36.82 2.01 0.00	44.70 2.52 0.00	39.06 2.31 0.00	40.18 2.15 0.00	45.28 2.16 0.00	54.76 2.69 0.00	48.64 2.09 0.00	37.44 1.55 0.00	32.85 1.30 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	32.77 1.37 0.00	31.13 1.22 0.00	31.19 1.15 0.00	30.82 1.06 0.00	27.37 0.97 0.00	31.72 1.13 0.00	35.86 1.31 0.00	40.86 1.61 0.00	38.12 1.52 0.00	37.42 1.61 0.00	37.14 1.78 0.00	42.55 2.11 0.00	41.03 2.20 0.00	38.25 1.91 0.00	36.23 1.64 0.00	36.48 1.67 0.00	44.27 2.10 0.00	38.66 1.92 0.00	39.83 1.80 0.00	44.95 1.82 0.00	54.32 2.25 0.00	48.34 1.80 0.00	37.23 1.33 0.00	32.71 1.15 0.00
EAST_HAMPTON___DIESEL 23722	32.43 1.02 0.00	30.65 0.74 0.00	30.66 0.62 0.00	30.26 0.50 0.00	26.86 0.46 0.00	31.14 0.55 0.00	35.27 0.72 0.00	40.17 0.92 0.00	37.98 1.37 0.00	37.76 1.96 0.00	36.91 1.48 -0.08	45.54 1.86 -3.23	41.92 2.67 -0.42	44.65 3.15 -5.15	37.66 3.07 -0.01	37.65 2.84 0.00	45.76 3.59 0.00	40.33 3.58 0.00	41.39 3.23 -0.13	49.49 3.99 -2.38	57.03 4.96 0.00	50.97 4.32 -0.10	40.57 3.40 -1.27	47.07 2.81 -12.70
EAST_POINT___SOLAR 323840	32.93 1.52 0.00	31.34 1.42 0.00	31.44 1.39 0.00	31.15 1.39 0.00	27.71 1.31 0.00	32.24 1.65 0.00	36.51 1.96 0.00	41.27 2.03 0.00	37.95 1.34 0.00	36.92 1.11 0.00	36.51 1.16 0.00	41.46 1.01 0.00	39.64 0.81 0.00	36.75 0.40 0.00	35.18 0.58 0.00	35.95 1.14 0.00	44.12 1.94 0.00	38.52 1.78 0.00	39.96 1.93 0.00	45.48 2.35 0.00	55.25 3.18 0.00	49.26 2.71 0.00	37.79 1.90 0.00	33.17 1.61 0.00
EAST_PULASKI___ESR 323781	30.81 -0.60 0.00	29.35 -0.56 0.00	29.52 -0.52 0.00	29.28 -0.48 0.00	25.96 -0.44 0.00	30.10 -0.49 0.00	33.99 -0.55 0.00	38.51 -0.74 0.00	35.92 -0.69 0.00	35.20 -0.60 0.00	34.73 -0.63 0.00	39.57 -0.87 0.00	37.85 -0.98 0.00	35.46 -0.89 0.00	33.72 -0.87 0.00	33.90 -0.92 0.00	41.05 -1.13 0.00	35.78 -0.96 0.00	37.04 -0.99 0.00	42.06 -1.06 0.00	50.87 -1.20 0.00	45.38 -1.17 0.00	34.99 -0.90 0.00	30.95 -0.61 0.00
EAST_RIVER___1 323558	32.87 1.47 0.00	31.23 1.32 0.00	31.29 1.24 0.00	30.93 1.17 0.00	27.50 1.10 0.00	31.87 1.28 0.00	36.02 1.48 0.00	41.07 1.82 0.00	38.33 1.73 0.00	37.65 1.84 0.00	37.38 2.03 0.00	42.85 2.40 0.00	41.36 2.53 0.00	38.52 2.17 0.00	36.47 1.88 0.00	36.72 1.91 0.00	44.57 2.39 0.00	38.95 2.21 0.00	40.08 2.05 0.00	45.17 2.05 0.00	54.65 2.58 0.00	48.54 2.00 0.00	37.38 1.49 0.00	32.81 1.25 0.00
EAST_RIVER___2 323559	32.94 1.53 0.00	31.29 1.37 0.00	31.35 1.30 0.00	30.98 1.22 0.00	27.55 1.15 0.00	31.93 1.34 0.00	36.11 1.56 0.00	41.17 1.93 0.00	38.45 1.85 0.00	37.76 1.95 0.00	37.50 2.14 0.00	42.99 2.55 0.00	41.49 2.66 0.00	38.63 2.29 0.00	36.59 2.00 0.00	36.82 2.01 0.00	44.70 2.52 0.00	39.06 2.31 0.00	40.18 2.15 0.00	45.28 2.16 0.00	54.76 2.69 0.00	48.64 2.09 0.00	37.44 1.55 0.00	32.85 1.30 0.00
EAST___DELAWARE_HYD 23607	32.92 1.51 0.00	31.26 1.34 0.00	31.35 1.31 0.00	31.00 1.24 0.00	27.54 1.14 0.00	31.96 1.37 0.00	36.18 1.63 0.00	41.18 1.93 0.00	38.37 1.76 0.00	37.47 1.66 0.00	37.03 1.67 0.00	42.47 2.03 0.00	40.80 1.97 0.00	38.16 1.82 0.00	36.26 1.68 0.00	36.62 1.81 0.00	44.51 2.33 0.00	38.77 2.02 0.00	40.03 2.00 0.00	45.27 2.15 0.00	54.77 2.70 0.00	48.75 2.20 0.00	37.48 1.58 0.00	32.91 1.35 0.00
EIGHT_POINT___WT_PWR 323820	30.16 -1.62 -0.37	28.56 -1.35 0.00	28.75 -1.29 0.00	28.37 -1.39 0.00	24.98 -1.42 0.00	29.14 -1.45 0.00	33.21 -1.34 0.00	38.07 -1.18 0.00	35.40 -1.21 0.00	34.78 -1.03 0.00	34.18 -1.17 0.00	39.39 -1.06 0.00	37.68 -1.15 0.00	35.64 -0.71 0.00	33.66 -0.93 0.00	33.48 -1.32 0.00	45.81 -1.79 -5.42	45.28 -1.57 -10.11	36.52 -1.50 0.00	41.71 -1.42 0.00	50.82 -1.24 0.00	45.19 -1.36 0.00	34.65 -1.24 0.00	30.74 -0.81 0.00
ELBRIDGE_115KV_TB2 80188	31.06 -0.35 0.00	29.56 -0.35 0.00	29.67 -0.37 0.00	29.37 -0.39 0.00	26.09 -0.31 0.00	30.27 -0.32 0.00	34.19 -0.36 0.00	38.68 -0.57 0.00	36.07 -0.54 0.00	35.27 -0.54 0.00	34.87 -0.48 0.00	39.96 -0.49 0.00	38.30 -0.54 0.00	35.84 -0.51 0.00	34.08 -0.51 0.00	34.31 -0.50 0.00	41.52 -0.66 0.00	36.14 -0.60 0.00	37.42 -0.61 0.00	42.50 -0.62 0.00	51.34 -0.72 0.00	45.80 -0.75 0.00	35.30 -0.60 0.00	31.15 -0.41 0.00
ELEC_TRO_TEK 24086	33.07 1.66 0.00	31.36 1.45 0.00	31.40 1.36 0.00	31.01 1.25 0.00	27.54 1.14 0.00	31.93 1.34 0.00	36.12 1.57 0.00	41.14 1.89 0.00	38.44 1.83 0.00	37.79 1.98 0.00	37.56 2.07 -0.14	48.50 2.47 -5.58	42.17 2.62 -0.72	47.56 2.30 -8.91	36.52 1.92 -0.01	36.55 1.74 0.00	44.33 2.16 0.00	38.84 2.09 0.00	40.03 2.00 0.00	45.23 2.11 0.00	54.67 2.60 0.00	48.88 2.16 -0.18	39.79 1.69 -2.21	55.06 1.43 -22.07
ELLENBURG_WT_PWR 323604	31.51 0.10 0.00	30.02 0.10 0.00	30.12 0.08 0.00	29.83 0.07 0.00	26.46 0.06 0.00	30.70 0.11 0.00	34.76 0.21 0.00	39.61 0.36 0.00	36.96 0.35 0.00	36.15 0.35 0.00	35.53 0.18 0.00	40.60 0.15 0.00	39.00 0.16 0.00	36.64 0.30 0.00	34.97 0.38 0.00	35.11 0.30 0.00	42.52 0.34 0.00	37.05 0.30 0.00	38.42 0.39 0.00	43.68 0.55 0.00	52.78 0.72 0.00	47.26 0.72 0.00	36.35 0.46 0.00	31.74 0.18 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	29.36 -1.94 0.11	28.07 -1.84 0.00	28.24 -1.80 0.00	27.88 -1.88 0.00	24.71 -1.69 0.00	28.77 -1.82 0.00	32.56 -1.99 0.00	36.99 -2.26 0.00	34.72 -1.89 0.00	33.87 -1.94 0.00	33.34 -2.02 0.00	38.38 -2.07 0.00	36.72 -2.12 0.00	34.72 -1.62 0.00	32.82 -1.77 0.00	32.99 -1.82 0.00	37.99 -2.58 1.61	31.43 -2.30 3.01	35.66 -2.37 0.00	40.86 -2.27 0.00	49.92 -2.15 0.00	44.59 -1.95 0.00	34.14 -1.75 0.00	30.14 -1.41 0.00
EMPIRE_CC_1 323656	31.86 0.46 0.00	30.38 0.47 0.00	30.53 0.49 0.00	30.29 0.53 0.00	26.80 0.40 0.00	30.98 0.39 0.00	34.97 0.42 0.00	39.75 0.50 0.00	36.97 0.36 0.00	36.21 0.40 0.00	35.93 0.58 0.00	40.99 0.54 0.00	39.42 0.59 0.00	36.82 0.47 0.00	35.12 0.53 0.00	35.38 0.57 0.00	42.81 0.64 0.00	37.14 0.39 0.00	38.43 0.40 0.00	43.51 0.38 0.00	52.31 0.24 0.00	46.89 0.35 0.00	36.30 0.40 0.00	31.89 0.33 0.00
EMPIRE_CC_2 323658	31.86 0.46 0.00	30.38 0.47 0.00	30.53 0.49 0.00	30.29 0.53 0.00	26.80 0.40 0.00	30.98 0.39 0.00	34.97 0.42 0.00	39.75 0.50 0.00	36.97 0.36 0.00	36.21 0.40 0.00	35.93 0.58 0.00	40.99 0.54 0.00	39.42 0.59 0.00	36.82 0.47 0.00	35.12 0.53 0.00	35.38 0.57 0.00	42.81 0.64 0.00	37.14 0.39 0.00	38.43 0.40 0.00	43.51 0.38 0.00	52.31 0.24 0.00	46.89 0.35 0.00	36.30 0.40 0.00	31.89 0.33 0.00
ENORWICH_115KV_TB1 80156	33.29 1.87 -0.02	31.66 1.74 0.00	31.71 1.67 0.00	31.38 1.62 0.00	27.90 1.50 0.00	32.58 1.99 0.00	37.06 2.51 0.00	42.05 2.80 0.00	39.07 2.46 0.00	38.01 2.20 0.00	37.45 2.09 0.00	42.96 2.51 0.00	40.88 2.05 0.00	38.23 1.88 0.00	36.10 1.51 0.00	36.70 1.89 0.00	44.83 2.44 -0.21	39.37 2.24 -0.39	40.54 2.51 0.00	46.05 2.93 0.00	56.06 3.99 0.00	49.79 3.25 0.00	38.00 2.10 0.00	33.22 1.67 0.00
ERIE_ST__34_KV_TB1-2 80199	29.56 -1.74 0.10	28.20 -1.72 0.00	28.35 -1.69 0.00	28.02 -1.74 0.00	24.82 -1.58 0.00	28.92 -1.67 0.00	32.76 -1.79 0.00	37.25 -2.00 0.00	35.00 -1.61 0.00	34.20 -1.61 0.00	33.63 -1.72 0.00	38.73 -1.72 0.00	37.03 -1.80 0.00	34.99 -1.36 0.00	33.10 -1.49 0.00	33.23 -1.58 0.00	38.48 -2.23 1.47	32.00 -2.00 2.73	35.90 -2.13 0.00	41.13 -1.99 0.00	50.35 -1.72 0.00	44.92 -1.63 0.00	34.31 -1.58 0.00	30.28 -1.28 0.00
ERIE_WT_PWR 323693	29.47 -1.83 0.11	28.16 -1.76 0.00	28.33 -1.71 0.00	27.98 -1.78 0.00	24.78 -1.62 0.00	28.88 -1.70 0.00	32.70 -1.85 0.00	37.16 -2.09 0.00	34.92 -1.69 0.00	34.08 -1.72 0.00	33.53 -1.83 0.00	38.59 -1.85 0.00	36.92 -1.91 0.00	34.94 -1.41 0.00	33.01 -1.58 0.00	33.15 -1.66 0.00	38.21 -2.38 1.59	31.67 -2.10 2.97	35.85 -2.17 0.00	41.10 -2.02 0.00	50.21 -1.86 0.00	44.86 -1.69 0.00	34.32 -1.57 0.00	30.29 -1.27 0.00
ESPRGFLD_115KV_TB1 80157	32.41 1.00 0.00	30.84 0.92 0.00	30.94 0.90 0.00	30.63 0.87 0.00	27.24 0.84 0.00	31.68 1.09 0.00	35.87 1.32 0.00	40.68 1.44 0.00	37.82 1.21 0.00	36.93 1.12 0.00	36.44 1.09 0.00	41.67 1.22 0.00	39.95 1.12 0.00	37.24 0.89 0.00	35.45 0.86 0.00	35.80 0.99 0.00	43.54 1.37 0.00	38.05 1.31 0.00	39.38 1.35 0.00	44.74 1.62 0.00	54.24 2.17 0.00	48.29 1.75 0.00	37.08 1.18 0.00	32.59 1.03 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	31.74 0.31 -0.03	30.19 0.28 0.00	30.28 0.24 0.00	29.97 0.21 0.00	26.61 0.21 0.00	30.93 0.34 0.00	35.04 0.49 0.00	39.79 0.54 0.00	37.09 0.48 0.00	36.19 0.38 0.00	35.73 0.37 0.00	40.86 0.41 0.00	39.15 0.31 0.00	36.68 0.33 0.00	34.81 0.22 0.00	35.09 0.28 0.00	42.95 0.37 -0.40	37.83 0.34 -0.75	38.43 0.40 0.00	43.67 0.55 0.00	52.91 0.84 0.00	47.13 0.59 0.00	36.19 0.29 0.00	31.85 0.29 0.00
ETNA____115KV_TB2 80207	31.74 0.31 -0.03	30.19 0.28 0.00	30.28 0.24 0.00	29.97 0.21 0.00	26.61 0.21 0.00	30.93 0.34 0.00	35.04 0.49 0.00	39.79 0.54 0.00	37.09 0.48 0.00	36.19 0.38 0.00	35.73 0.37 0.00	40.86 0.41 0.00	39.15 0.31 0.00	36.68 0.33 0.00	34.81 0.22 0.00	35.09 0.28 0.00	42.95 0.37 -0.40	37.83 0.34 -0.75	38.43 0.40 0.00	43.67 0.55 0.00	52.91 0.84 0.00	47.13 0.59 0.00	36.19 0.29 0.00	31.85 0.29 0.00
EUCLID__115KV_TB2 356179	30.96 -0.45 0.00	29.49 -0.42 0.00	29.62 -0.42 0.00	29.33 -0.42 0.00	26.02 -0.38 0.00	30.17 -0.41 0.00	34.06 -0.49 0.00	38.60 -0.65 0.00	36.02 -0.58 0.00	35.24 -0.57 0.00	34.81 -0.55 0.00	39.79 -0.66 0.00	38.03 -0.80 0.00	35.60 -0.75 0.00	33.85 -0.74 0.00	34.07 -0.74 0.00	41.23 -0.95 0.00	35.92 -0.82 0.00	37.16 -0.86 0.00	42.17 -0.95 0.00	51.00 -1.07 0.00	45.51 -1.03 0.00	35.11 -0.78 0.00	31.00 -0.55 0.00
E_CANADA_CAP_HY 24051	32.54 1.13 0.00	30.97 1.06 0.00	31.07 1.03 0.00	30.79 1.03 0.00	27.38 0.99 0.00	31.83 1.24 0.00	35.94 1.40 0.00	40.71 1.46 0.00	37.71 1.10 0.00	36.80 0.99 0.00	36.31 0.96 0.00	41.43 0.98 0.00	39.70 0.86 0.00	36.90 0.55 0.00	35.11 0.53 0.00	35.60 0.79 0.00	43.48 1.30 0.00	38.02 1.27 0.00	39.37 1.35 0.00	44.79 1.66 0.00	54.25 2.19 0.00	48.35 1.80 0.00	37.15 1.26 0.00	32.69 1.13 0.00
E_CANADA_MHWK_HY 24050	32.56 1.16 0.00	31.05 1.13 0.00	31.04 1.00 0.00	30.79 1.03 0.00	27.33 0.93 0.00	31.69 1.10 0.00	35.81 1.27 0.00	40.71 1.46 0.00	37.58 0.97 0.00	36.70 0.89 0.00	36.53 1.18 0.00	41.76 1.31 0.00	39.91 1.08 0.00	37.06 0.71 0.00	35.14 0.55 0.00	35.72 0.91 0.00	43.96 1.78 0.00	38.14 1.40 0.00	39.44 1.41 0.00	44.61 1.49 0.00	53.91 1.84 0.00	48.18 1.63 0.00	37.06 1.16 0.00	32.44 0.88 0.00
E_FISHKILL__LBMP 23776	32.54 1.13 0.00	30.91 1.00 0.00	30.99 0.95 0.00	30.63 0.87 0.00	27.19 0.79 0.00	31.50 0.91 0.00	35.59 1.04 0.00	40.53 1.28 0.00	37.83 1.23 0.00	37.11 1.30 0.00	36.80 1.45 0.00	42.14 1.70 0.00	40.63 1.79 0.00	37.88 1.53 0.00	35.91 1.32 0.00	36.17 1.36 0.00	43.90 1.72 0.00	38.31 1.57 0.00	39.49 1.46 0.00	44.59 1.47 0.00	53.86 1.79 0.00	47.98 1.44 0.00	36.97 1.08 0.00	32.51 0.96 0.00
FALCON__SEABRD_CC1 323796	31.86 0.45 0.00	30.35 0.44 0.00	30.43 0.39 0.00	30.13 0.37 0.00	26.77 0.37 0.00	31.04 0.45 0.00	35.15 0.60 0.00	40.12 0.87 0.00	37.44 0.84 0.00	36.64 0.83 0.00	35.93 0.57 0.00	41.04 0.59 0.00	39.40 0.56 0.00	37.07 0.72 0.00	35.37 0.78 0.00	35.50 0.69 0.00	42.98 0.80 0.00	37.42 0.68 0.00	38.72 0.70 0.00	44.04 0.91 0.00	53.39 1.32 0.00	47.81 1.26 0.00	36.75 0.85 0.00	32.05 0.49 0.00
FALCON__SEABRD_CC2 323797	31.86 0.45 0.00	30.35 0.44 0.00	30.43 0.39 0.00	30.13 0.37 0.00	26.77 0.37 0.00	31.04 0.45 0.00	35.15 0.60 0.00	40.12 0.87 0.00	37.44 0.84 0.00	36.64 0.83 0.00	35.93 0.57 0.00	41.04 0.59 0.00	39.40 0.56 0.00	37.07 0.72 0.00	35.37 0.78 0.00	35.50 0.69 0.00	42.98 0.80 0.00	37.42 0.68 0.00	38.72 0.70 0.00	44.04 0.91 0.00	53.39 1.32 0.00	47.81 1.26 0.00	36.75 0.85 0.00	32.05 0.49 0.00

FAR ROCKAWAY___4 23548	33.42 2.00 0.00	31.68 1.76 0.00	31.71 1.67 0.00	31.31 1.55 0.00	27.81 1.41 0.00	32.26 1.67 0.00	36.51 1.96 0.00	41.59 2.35 0.00	38.86 2.26 0.00	38.21 2.40 0.00	37.98 2.48 -0.14	49.27 3.00 -5.83	42.71 3.13 -0.75	48.41 2.76 -9.30	36.93 2.33 -0.01	36.94 2.13 0.00	44.85 2.67 0.00	39.29 2.55 0.00	40.46 2.43 0.00	45.77 2.64 0.00	55.32 3.24 0.00	49.45 2.72 -0.18	40.30 2.12 -2.28	56.12 1.75 -22.82
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	32.87 1.46 0.00	31.23 1.32 0.00	31.30 1.26 0.00	30.93 1.17 0.00	27.50 1.11 0.00	31.87 1.29 0.00	36.02 1.48 0.00	41.06 1.81 0.00	38.33 1.72 0.00	37.63 1.83 0.00	37.36 2.00 0.00	42.83 2.39 0.00	41.34 2.51 0.00	38.49 2.15 0.00	36.46 1.87 0.00	36.71 1.90 0.00	44.56 2.39 0.00	38.94 2.20 0.00	40.07 2.05 0.00	45.17 2.05 0.00	54.64 2.57 0.00	48.54 2.00 0.00	37.39 1.49 0.00	32.82 1.26 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	32.88 1.47 0.00	31.24 1.33 0.00	31.30 1.26 0.00	30.94 1.18 0.00	27.51 1.11 0.00	31.88 1.29 0.00	36.03 1.48 0.00	41.08 1.83 0.00	38.33 1.73 0.00	37.63 1.83 0.00	37.36 2.01 0.00	42.83 2.39 0.00	41.34 2.51 0.00	38.49 2.15 0.00	36.46 1.87 0.00	36.71 1.90 0.00	44.56 2.39 0.00	38.94 2.20 0.00	40.07 2.05 0.00	45.17 2.05 0.00	54.65 2.58 0.00	48.55 2.01 0.00	37.40 1.51 0.00	32.82 1.26 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	32.86 1.45 0.00	31.22 1.31 0.00	31.29 1.24 0.00	30.93 1.17 0.00	27.49 1.09 0.00	31.86 1.27 0.00	36.01 1.47 0.00	41.06 1.81 0.00	38.32 1.72 0.00	37.62 1.82 0.00	37.35 2.00 0.00	42.82 2.37 0.00	41.32 2.49 0.00	38.49 2.14 0.00	36.44 1.85 0.00	36.70 1.89 0.00	44.55 2.37 0.00	38.93 2.18 0.00	40.06 2.03 0.00	45.15 2.03 0.00	54.60 2.53 0.00	48.52 1.98 0.00	37.37 1.48 0.00	32.80 1.24 0.00
FARRAGUT___LBMP 323566	32.83 1.43 0.00	31.21 1.29 0.00	31.27 1.23 0.00	30.90 1.14 0.00	27.48 1.08 0.00	31.84 1.25 0.00	35.99 1.44 0.00	41.02 1.77 0.00	38.28 1.67 0.00	37.58 1.78 0.00	37.31 1.96 0.00	42.77 2.32 0.00	41.28 2.45 0.00	38.45 2.10 0.00	36.40 1.81 0.00	36.66 1.85 0.00	44.49 2.32 0.00	38.88 2.14 0.00	40.02 1.99 0.00	45.11 1.98 0.00	54.56 2.49 0.00	48.48 1.93 0.00	37.35 1.45 0.00	32.78 1.22 0.00
FARRCKWY_69_KV_BK2 55825	33.42 2.00 0.00	31.68 1.76 0.00	31.71 1.67 0.00	31.31 1.55 0.00	27.81 1.41 0.00	32.26 1.67 0.00	36.51 1.96 0.00	41.59 2.35 0.00	38.86 2.26 0.00	38.21 2.40 0.00	37.98 2.48 -0.14	49.27 3.00 -5.83	42.71 3.13 -0.75	48.41 2.76 -9.30	36.93 2.33 -0.01	36.94 2.13 0.00	44.85 2.67 0.00	39.29 2.55 0.00	40.46 2.43 0.00	45.77 2.64 0.00	55.32 3.24 0.00	49.45 2.72 -0.18	40.30 2.12 -2.28	56.12 1.75 -22.82
FENNER___WINDPWR 24204	31.81 0.41 0.00	30.32 0.40 0.00	30.45 0.40 0.00	30.15 0.39 0.00	26.75 0.36 0.00	31.09 0.50 0.00	35.21 0.66 0.00	39.95 0.71 0.00	37.27 0.67 0.00	36.42 0.62 0.00	35.90 0.55 0.00	41.00 0.55 0.00	39.22 0.40 0.00	36.74 0.39 0.00	34.94 0.35 0.00	35.21 0.40 0.00	42.77 0.59 0.00	37.33 0.59 0.00	38.68 0.65 0.00	43.93 0.81 0.00	53.12 1.05 0.00	47.34 0.79 0.00	36.38 0.49 0.00	32.00 0.44 0.00
FIBERTEK___ENERGY 23856	31.20 -0.21 0.00	29.71 -0.21 0.00	29.84 -0.21 0.00	29.54 -0.22 0.00	26.21 -0.19 0.00	30.42 -0.17 0.00	34.37 -0.18 0.00	38.91 -0.33 0.00	36.28 -0.33 0.00	35.49 -0.31 0.00	35.08 -0.28 0.00	40.15 -0.30 0.00	38.46 -0.37 0.00	35.99 -0.36 0.00	34.22 -0.37 0.00	34.44 -0.37 0.00	41.70 -0.47 0.00	36.33 -0.41 0.00	37.61 -0.42 0.00	42.69 -0.44 0.00	51.59 -0.48 0.00	46.01 -0.53 0.00	35.46 -0.43 0.00	31.30 -0.26 0.00
FITZPATRICK___ 23598	30.51 -0.90 0.00	29.05 -0.86 0.00	29.19 -0.86 0.00	28.90 -0.86 0.00	25.64 -0.76 0.00	29.71 -0.88 0.00	33.48 -1.06 0.00	37.90 -1.35 0.00	35.37 -1.24 0.00	34.59 -1.22 0.00	34.17 -1.19 0.00	39.09 -1.36 0.00	37.48 -1.36 0.00	35.06 -1.28 0.00	33.36 -1.23 0.00	33.58 -1.23 0.00	40.61 -1.57 0.00	35.39 -1.36 0.00	36.62 -1.41 0.00	41.55 -1.57 0.00	50.20 -1.86 0.00	44.84 -1.70 0.00	34.64 -1.26 0.00	30.60 -0.95 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	32.87 1.47 0.00	31.22 1.31 0.00	31.31 1.27 0.00	30.95 1.19 0.00	27.48 1.08 0.00	31.86 1.27 0.00	36.03 1.49 0.00	41.06 1.81 0.00	38.31 1.71 0.00	37.53 1.72 0.00	37.21 1.85 0.00	42.57 2.12 0.00	41.03 2.20 0.00	38.28 1.94 0.00	36.30 1.71 0.00	36.59 1.78 0.00	44.47 2.29 0.00	38.81 2.07 0.00	40.06 2.03 0.00	45.23 2.11 0.00	54.68 2.61 0.00	48.68 2.13 0.00	37.45 1.55 0.00	32.91 1.35 0.00
FORT ORANGE___ 23900	31.93 0.53 0.00	30.42 0.51 0.00	30.54 0.50 0.00	30.27 0.50 0.00	26.81 0.41 0.00	30.99 0.41 0.00	35.00 0.45 0.00	39.82 0.57 0.00	37.09 0.49 0.00	36.31 0.50 0.00	35.96 0.60 0.00	41.12 0.67 0.00	39.50 0.66 0.00	36.86 0.52 0.00	35.03 0.44 0.00	35.27 0.46 0.00	42.89 0.71 0.00	37.33 0.59 0.00	38.64 0.61 0.00	43.70 0.58 0.00	52.56 0.49 0.00	47.06 0.51 0.00	36.36 0.47 0.00	31.98 0.42 0.00
FORT_DRUM_COGEN 23780	30.64 -0.77 0.00	29.37 -0.55 0.00	29.75 -0.29 0.00	29.70 -0.06 0.00	26.35 -0.05 0.00	30.70 0.11 0.00	34.91 0.36 0.00	39.59 0.34 0.00	36.85 0.25 0.00	36.08 0.27 0.00	35.40 0.04 0.00	39.91 -0.54 0.00	38.03 -0.81 0.00	35.69 -0.66 0.00	33.93 -0.66 0.00	34.02 -0.79 0.00	41.41 -0.76 0.00	36.33 -0.41 0.00	37.70 -0.33 0.00	43.00 -0.12 0.00	52.02 -0.05 0.00	46.35 -0.19 0.00	35.55 -0.35 0.00	31.29 -0.27 0.00
FOX_HILLS___ESR 323835	32.89 1.48 0.00	31.26 1.34 0.00	31.34 1.30 0.00	31.00 1.24 0.00	27.61 1.21 0.00	31.99 1.41 0.00	36.17 1.62 0.00	41.21 1.97 0.00	38.47 1.86 0.00	37.79 1.98 0.00	37.49 2.14 0.00	43.03 2.58 0.00	41.50 2.66 0.00	38.68 2.33 0.00	36.61 2.02 0.00	36.81 2.01 0.00	44.75 2.57 0.00	39.07 2.32 0.00	40.23 2.20 -0.01	45.34 2.21 -0.01	54.80 2.73 -0.01	48.77 2.22 -0.01	37.58 1.68 0.00	32.98 1.43 0.00
FPL_FAR_ROCK_GT1 24212	33.42 2.01 0.00	31.67 1.76 0.00	31.71 1.67 0.00	31.31 1.55 0.00	27.81 1.41 0.00	32.26 1.67 0.00	36.51 1.96 0.00	41.59 2.35 0.00	38.86 2.25 0.00	38.20 2.40 0.00	37.98 2.48 -0.14	49.27 3.00 -5.83	42.71 3.13 -0.75	48.41 2.76 -9.30	36.93 2.32 -0.01	36.93 2.13 0.00	44.85 2.67 0.00	39.29 2.55 0.00	40.46 2.43 0.00	45.77 2.64 0.00	55.34 3.27 0.00	49.46 2.73 -0.18	40.29 2.11 -2.28	56.12 1.75 -22.82
FPL_FAR_ROCK_GT2 23815	33.42 2.01 0.00	31.67 1.76 0.00	31.71 1.67 0.00	31.31 1.55 0.00	27.81 1.41 0.00	32.26 1.67 0.00	36.51 1.96 0.00	41.59 2.35 0.00	38.86 2.25 0.00	38.20 2.40 0.00	37.98 2.48 -0.14	49.27 3.00 -5.83	42.71 3.13 -0.75	48.41 2.76 -9.30	36.93 2.32 -0.01	36.93 2.13 0.00	44.85 2.67 0.00	39.29 2.55 0.00	40.46 2.43 0.00	45.77 2.64 0.00	55.34 3.27 0.00	49.46 2.73 -0.18	40.29 2.11 -2.28	56.12 1.75 -22.82

FRANKLIN_FALL_HYD 24054	31.52 0.11 0.00	30.02 0.10 0.00	30.14 0.09 0.00	29.87 0.11 0.00	26.51 0.11 0.00	30.78 0.19 0.00	34.92 0.37 0.00	39.84 0.59 0.00	37.14 0.54 0.00	36.27 0.47 0.00	35.56 0.20 0.00	40.58 0.13 0.00	38.89 0.06 0.00	36.53 0.19 0.00	34.88 0.30 0.00	34.94 0.13 0.00	42.32 0.14 0.00	37.01 0.26 0.00	38.43 0.40 0.00	43.80 0.68 0.00	52.95 0.88 0.00	47.35 0.81 0.00	36.48 0.59 0.00	31.84 0.28 0.00
FREEPORT_EQUS_GT1 23764	33.32 1.91 0.00	31.57 1.66 0.00	31.61 1.56 0.00	31.19 1.44 0.00	27.70 1.31 0.00	32.13 1.54 0.00	36.35 1.80 0.00	41.41 2.17 0.00	38.71 2.10 0.00	38.07 2.26 0.00	37.80 2.34 -0.10	47.54 2.83 -4.26	42.37 2.99 -0.55	45.78 2.63 -6.80	36.77 2.18 -0.01	36.74 1.93 0.00	44.59 2.41 0.00	39.08 2.34 0.00	40.30 2.27 0.00	45.59 2.47 0.00	55.13 3.06 0.00	49.21 2.53 -0.13	39.58 2.00 -1.68	50.03 1.67 -16.80
FREEPORT___CT2 23818	33.32 1.91 0.00	31.57 1.66 0.00	31.61 1.56 0.00	31.19 1.44 0.00	27.70 1.31 0.00	32.13 1.54 0.00	36.35 1.80 0.00	41.41 2.17 0.00	38.71 2.10 0.00	38.07 2.26 0.00	37.80 2.34 -0.10	47.54 2.83 -4.26	42.37 2.99 -0.55	45.78 2.63 -6.80	36.77 2.18 -0.01	36.74 1.93 0.00	44.59 2.41 0.00	39.08 2.34 0.00	40.30 2.27 0.00	45.59 2.47 0.00	55.13 3.06 0.00	49.21 2.53 -0.13	39.58 2.00 -1.68	50.03 1.67 -16.80
FRESHKLS_33_KV_LOAD 356253	32.96 1.56 0.00	31.33 1.42 0.00	31.41 1.37 0.00	31.10 1.35 0.00	27.73 1.34 0.00	32.15 1.56 0.00	36.33 1.79 0.00	41.38 2.14 0.00	38.62 2.01 0.00	37.91 2.10 0.00	37.60 2.24 0.00	43.15 2.71 0.00	41.61 2.78 0.00	38.76 2.41 0.00	36.68 2.09 0.00	36.89 2.08 0.00	44.86 2.68 0.00	39.14 2.40 0.00	40.31 2.28 -0.01	45.44 2.31 -0.01	54.94 2.86 -0.01	48.89 2.34 -0.01	37.66 1.76 0.00	33.06 1.51 0.00
FULTON COGEN____ 23766	30.58 -0.83 0.00	29.13 -0.79 0.00	29.25 -0.79 0.00	28.97 -0.79 0.00	25.70 -0.70 0.00	29.80 -0.79 0.00	33.61 -0.94 0.00	38.06 -1.19 0.00	35.55 -1.06 0.00	34.78 -1.03 0.00	34.37 -0.99 0.00	39.28 -1.17 0.00	37.61 -1.22 0.00	35.23 -1.12 0.00	33.50 -1.09 0.00	33.71 -1.10 0.00	40.75 -1.43 0.00	35.55 -1.19 0.00	36.79 -1.24 0.00	41.74 -1.38 0.00	50.44 -1.63 0.00	45.02 -1.53 0.00	34.73 -1.17 0.00	30.68 -0.88 0.00
FULTON___LFGE 323630	32.70 1.30 0.00	31.13 1.22 0.00	31.22 1.18 0.00	30.94 1.18 0.00	27.50 1.10 0.00	31.95 1.36 0.00	36.16 1.62 0.00	40.96 1.72 0.00	37.79 1.19 0.00	36.85 1.04 0.00	36.48 1.12 0.00	41.75 1.31 0.00	39.85 1.02 0.00	36.90 0.55 0.00	35.07 0.48 0.00	35.75 0.94 0.00	43.87 1.69 0.00	38.40 1.66 0.00	39.79 1.76 0.00	45.19 2.07 0.00	54.68 2.61 0.00	48.78 2.23 0.00	37.46 1.57 0.00	32.89 1.33 0.00
G.F.CEMENT___DRP 24184	32.84 1.43 0.00	31.29 1.38 0.00	31.49 1.45 0.00	31.17 1.42 0.00	27.67 1.28 0.00	32.10 1.52 0.00	36.43 1.88 0.00	41.58 2.33 0.00	38.63 2.02 0.00	37.56 1.75 0.00	36.96 1.61 0.00	42.22 1.77 0.00	40.58 1.75 0.00	37.90 1.55 0.00	36.08 1.49 0.00	36.48 1.67 0.00	44.63 2.45 0.00	38.83 2.09 0.00	40.20 2.17 0.00	45.61 2.49 0.00	55.00 2.93 0.00	49.17 2.63 0.00	37.73 1.84 0.00	33.00 1.44 0.00
GARDENVILLE___LBMP 24039	29.41 -1.87 0.12	28.13 -1.78 0.00	28.30 -1.74 0.00	27.94 -1.82 0.00	24.76 -1.64 0.00	28.85 -1.74 0.00	32.66 -1.89 0.00	37.11 -2.14 0.00	34.82 -1.78 0.00	33.99 -1.82 0.00	33.45 -1.90 0.00	38.53 -1.92 0.00	36.85 -1.99 0.00	34.85 -1.50 0.00	32.94 -1.65 0.00	33.10 -1.71 0.00	38.00 -2.42 1.76	31.30 -2.16 3.28	35.80 -2.23 0.00	41.02 -2.11 0.00	50.13 -1.94 0.00	44.76 -1.78 0.00	34.25 -1.64 0.00	30.24 -1.32 0.00
GARDNVLA_35_KV_LD 355827	29.52 -1.78 0.10	28.20 -1.72 0.00	28.37 -1.67 0.00	28.02 -1.75 0.00	24.82 -1.57 0.00	28.92 -1.67 0.00	32.74 -1.80 0.00	37.23 -2.02 0.00	34.97 -1.64 0.00	34.13 -1.68 0.00	33.58 -1.78 0.00	38.66 -1.79 0.00	36.96 -1.87 0.00	34.96 -1.39 0.00	33.03 -1.56 0.00	33.18 -1.63 0.00	38.31 -2.34 1.53	31.81 -2.08 2.85	35.89 -2.14 0.00	41.13 -2.00 0.00	50.26 -1.80 0.00	44.90 -1.64 0.00	34.35 -1.55 0.00	30.32 -1.24 0.00
GELCKHM___115KV_LOAD 80723	31.05 -0.36 0.00	29.58 -0.33 0.00	29.71 -0.33 0.00	29.42 -0.34 0.00	26.10 -0.30 0.00	30.29 -0.30 0.00	34.20 -0.35 0.00	38.73 -0.52 0.00	36.14 -0.47 0.00	35.35 -0.46 0.00	34.93 -0.43 0.00	39.94 -0.51 0.00	38.21 -0.63 0.00	35.77 -0.58 0.00	34.01 -0.58 0.00	34.23 -0.58 0.00	41.44 -0.74 0.00	36.10 -0.64 0.00	37.37 -0.66 0.00	42.41 -0.71 0.00	51.26 -0.81 0.00	45.73 -0.81 0.00	35.27 -0.63 0.00	31.13 -0.43 0.00
GENERAL___MILLS 23808	29.47 -1.83 0.11	28.16 -1.75 0.00	28.33 -1.71 0.00	27.98 -1.78 0.00	24.79 -1.61 0.00	28.88 -1.71 0.00	32.70 -1.84 0.00	37.16 -2.09 0.00	34.90 -1.71 0.00	34.06 -1.75 0.00	33.52 -1.84 0.00	38.59 -1.86 0.00	36.90 -1.93 0.00	34.91 -1.44 0.00	32.99 -1.60 0.00	33.13 -1.67 0.00	38.20 -2.39 1.59	31.65 -2.13 2.97	35.84 -2.19 0.00	41.06 -2.06 0.00	50.19 -1.88 0.00	44.83 -1.72 0.00	34.30 -1.60 0.00	30.28 -1.28 0.00
GE_PLASTICS___DRP 24183	31.88 0.47 0.00	30.36 0.45 0.00	30.48 0.43 0.00	30.20 0.43 0.00	26.76 0.36 0.00	30.94 0.36 0.00	34.93 0.39 0.00	39.74 0.49 0.00	37.02 0.41 0.00	36.26 0.45 0.00	35.91 0.56 0.00	41.09 0.64 0.00	39.48 0.64 0.00	36.87 0.53 0.00	35.05 0.46 0.00	35.30 0.49 0.00	42.85 0.68 0.00	37.28 0.54 0.00	38.54 0.51 0.00	43.59 0.47 0.00	52.48 0.41 0.00	46.97 0.42 0.00	36.28 0.39 0.00	31.92 0.37 0.00
GILBOA___1 23756	32.00 0.60 0.00	30.45 0.53 0.00	30.56 0.52 0.00	30.24 0.48 0.00	26.82 0.43 0.00	31.06 0.47 0.00	35.09 0.54 0.00	39.90 0.65 0.00	37.19 0.59 0.00	36.43 0.62 0.00	36.07 0.71 0.00	41.29 0.85 0.00	39.70 0.87 0.00	37.08 0.74 0.00	35.23 0.64 0.00	35.48 0.67 0.00	43.04 0.86 0.00	37.49 0.75 0.00	38.71 0.69 0.00	43.75 0.63 0.00	52.82 0.75 0.00	47.20 0.65 0.00	36.43 0.53 0.00	32.05 0.49 0.00
GILBOA___2 23757	32.00 0.60 0.00	30.45 0.53 0.00	30.56 0.52 0.00	30.24 0.48 0.00	26.82 0.43 0.00	31.06 0.47 0.00	35.09 0.54 0.00	39.90 0.65 0.00	37.19 0.59 0.00	36.43 0.62 0.00	36.07 0.71 0.00	41.29 0.85 0.00	39.70 0.87 0.00	37.08 0.74 0.00	35.23 0.64 0.00	35.48 0.67 0.00	43.04 0.86 0.00	37.49 0.75 0.00	38.71 0.69 0.00	43.75 0.63 0.00	52.82 0.75 0.00	47.20 0.65 0.00	36.43 0.53 0.00	32.05 0.49 0.00
GILBOA___3 23758	32.00 0.60 0.00	30.45 0.53 0.00	30.56 0.52 0.00	30.24 0.48 0.00	26.82 0.43 0.00	31.06 0.47 0.00	35.09 0.54 0.00	39.90 0.65 0.00	37.19 0.59 0.00	36.43 0.62 0.00	36.07 0.71 0.00	41.29 0.85 0.00	39.70 0.87 0.00	37.08 0.74 0.00	35.23 0.64 0.00	35.48 0.67 0.00	43.04 0.86 0.00	37.49 0.75 0.00	38.71 0.69 0.00	43.75 0.63 0.00	52.82 0.75 0.00	47.20 0.65 0.00	36.43 0.53 0.00	32.05 0.49 0.00

GILBOA___4 23759	32.00 0.60 0.00	30.45 0.53 0.00	30.56 0.52 0.00	30.24 0.48 0.00	26.82 0.43 0.00	31.06 0.47 0.00	35.09 0.54 0.00	39.90 0.65 0.00	37.19 0.59 0.00	36.43 0.62 0.00	36.07 0.71 0.00	41.29 0.85 0.00	39.70 0.87 0.00	37.08 0.74 0.00	35.23 0.64 0.00	35.48 0.67 0.00	43.04 0.86 0.00	37.49 0.75 0.00	38.71 0.69 0.00	43.75 0.63 0.00	52.82 0.75 0.00	47.20 0.65 0.00	36.43 0.53 0.00	32.05 0.49 0.00
GILBOA____ 23599	32.00 0.59 0.00	30.45 0.53 0.00	30.56 0.52 0.00	30.25 0.48 0.00	26.82 0.43 0.00	31.06 0.47 0.00	35.09 0.54 0.00	39.90 0.65 0.00	37.20 0.59 0.00	36.43 0.62 0.00	36.07 0.71 0.00	41.29 0.84 0.00	39.71 0.87 0.00	37.08 0.74 0.00	35.23 0.64 0.00	35.48 0.67 0.00	43.04 0.86 0.00	37.49 0.75 0.00	38.71 0.69 0.00	43.75 0.63 0.00	52.81 0.74 0.00	47.20 0.65 0.00	36.42 0.52 0.00	32.05 0.49 0.00
GINNA____ 23603	29.26 -2.14 0.00	27.83 -2.09 0.00	27.96 -2.09 0.00	27.67 -2.09 0.00	24.56 -1.84 0.00	28.55 -2.04 0.00	32.30 -2.24 0.00	36.72 -2.52 0.00	34.36 -2.25 0.00	33.58 -2.23 0.00	33.11 -2.25 0.00	37.96 -2.49 0.00	36.37 -2.47 0.00	34.15 -2.20 0.00	32.42 -2.17 0.00	32.63 -2.18 0.00	39.39 -2.79 0.00	34.29 -2.45 0.00	35.50 -2.53 0.00	40.43 -2.69 0.00	49.03 -3.04 0.00	43.74 -2.81 0.00	33.60 -2.29 0.00	29.59 -1.97 0.00
GLEN PARK____ 23778	30.64 -0.77 0.00	29.36 -0.55 0.00	29.73 -0.31 0.00	29.67 -0.08 0.00	26.33 -0.06 0.00	30.67 0.08 0.00	34.88 0.33 0.00	39.56 0.31 0.00	36.85 0.24 0.00	36.08 0.27 0.00	35.40 0.04 0.00	39.90 -0.55 0.00	37.98 -0.85 0.00	35.68 -0.67 0.00	33.92 -0.67 0.00	34.02 -0.79 0.00	41.42 -0.76 0.00	36.34 -0.40 0.00	37.70 -0.33 0.00	43.00 -0.12 0.00	52.05 -0.02 0.00	46.38 -0.17 0.00	35.51 -0.38 0.00	31.29 -0.27 0.00
GLENDALE_27_KV_LOAD 356172	32.95 1.54 0.00	31.33 1.41 0.00	31.39 1.35 0.00	31.03 1.27 0.00	27.59 1.20 0.00	31.97 1.39 0.00	36.13 1.58 0.00	41.21 1.97 0.00	38.53 1.92 0.00	37.83 2.02 0.00	37.55 2.20 0.00	43.07 2.62 0.00	41.55 2.72 0.00	38.72 2.37 0.00	36.63 2.05 0.00	36.87 2.06 0.00	44.75 2.57 0.00	39.13 2.39 0.00	40.24 2.22 0.00	45.36 2.24 0.00	54.80 2.73 0.00	48.75 2.20 0.00	37.56 1.67 0.00	32.97 1.41 0.00
GLENWOOD_IC_1_G5 23712	33.12 1.71 0.00	31.42 1.51 0.00	31.46 1.42 0.00	31.08 1.32 0.00	27.60 1.20 0.00	32.00 1.41 0.00	36.20 1.65 0.00	41.25 2.00 0.00	38.53 1.92 0.00	37.86 2.06 0.00	37.67 2.19 -0.13	48.24 2.63 -5.17	42.24 2.74 -0.66	47.00 2.40 -8.25	36.62 2.02 -0.01	36.74 1.93 0.00	44.57 2.39 0.00	38.89 2.14 0.00	40.05 2.02 0.00	45.24 2.11 0.00	54.66 2.59 0.00	48.86 2.15 -0.16	39.69 1.76 -2.04	53.42 1.50 -20.36
GLENWOOD_IC_2_G1 23688	32.94 1.53 0.00	31.27 1.36 0.00	31.32 1.28 0.00	30.94 1.18 0.00	27.48 1.08 0.00	31.85 1.26 0.00	36.01 1.47 0.00	41.03 1.78 0.00	38.31 1.70 0.00	37.63 1.82 0.00	37.32 1.96 0.00	43.04 2.36 -0.24	41.33 2.47 -0.03	38.88 2.15 -0.38	36.42 1.83 0.00	36.57 1.76 0.00	44.39 2.21 0.00	38.80 2.06 0.00	39.96 1.93 0.00	45.12 1.99 0.00	54.55 2.48 0.00	48.56 2.01 -0.01	37.53 1.54 -0.09	33.82 1.32 -0.94
GLENWOOD_IC_3_G1 23689	32.94 1.53 0.00	31.27 1.36 0.00	31.32 1.28 0.00	30.94 1.18 0.00	27.48 1.08 0.00	31.85 1.26 0.00	36.01 1.47 0.00	41.03 1.78 0.00	38.31 1.70 0.00	37.63 1.82 0.00	37.32 1.96 0.00	43.04 2.36 -0.24	41.33 2.47 -0.03	38.88 2.15 -0.38	36.42 1.83 0.00	36.57 1.76 0.00	44.39 2.21 0.00	38.80 2.06 0.00	39.96 1.93 0.00	45.12 1.99 0.00	54.55 2.48 0.00	48.56 2.01 -0.01	37.53 1.54 -0.09	33.82 1.32 -0.94
GLENWOOD___4 23550	33.12 1.71 0.00	31.42 1.51 0.00	31.46 1.42 0.00	31.08 1.32 0.00	27.60 1.20 0.00	32.00 1.41 0.00	36.20 1.65 0.00	41.25 2.00 0.00	38.53 1.92 0.00	37.86 2.06 0.00	37.67 2.19 -0.13	48.24 2.63 -5.17	42.24 2.74 -0.66	47.00 2.40 -8.25	36.62 2.02 -0.01	36.74 1.93 0.00	44.58 2.40 0.00	38.93 2.19 0.00	40.09 2.07 0.00	45.29 2.16 0.00	54.75 2.68 0.00	48.91 2.20 -0.16	39.69 1.76 -2.04	53.42 1.50 -20.36
GLENWOOD___5 23614	33.12 1.71 0.00	31.42 1.51 0.00	31.46 1.42 0.00	31.08 1.32 0.00	27.60 1.20 0.00	32.00 1.41 0.00	36.20 1.65 0.00	41.25 2.00 0.00	38.53 1.92 0.00	37.86 2.06 0.00	37.67 2.19 -0.13	48.24 2.63 -5.17	42.24 2.74 -0.66	47.00 2.40 -8.25	36.62 2.02 -0.01	36.74 1.93 0.00	44.58 2.40 0.00	38.93 2.19 0.00	40.09 2.07 0.00	45.29 2.16 0.00	54.75 2.68 0.00	48.91 2.20 -0.16	39.69 1.76 -2.04	53.42 1.50 -20.36
GLOBAL GREEN_PORT_GT1 23814	32.88 1.48 0.00	31.09 1.18 0.00	31.09 1.05 0.00	30.69 0.93 0.00	27.24 0.85 0.00	31.59 1.00 0.00	35.76 1.21 0.00	40.70 1.45 0.00	38.40 1.79 0.00	38.09 2.28 0.00	37.33 1.89 -0.08	46.05 2.38 -3.23	42.34 3.09 -0.42	44.82 3.32 -5.15	37.67 3.07 -0.01	37.57 2.76 0.00	45.61 3.43 0.00	40.21 3.46 0.00	41.33 3.17 -0.13	49.34 3.84 -2.38	56.89 4.82 0.00	50.82 4.17 -0.10	40.45 3.28 -1.27	46.98 2.71 -12.70
GLOBE___DSASP 323697	28.84 -2.48 0.09	27.53 -2.38 0.00	27.71 -2.34 0.00	27.37 -2.39 0.00	24.26 -2.14 0.00	28.19 -2.39 0.00	31.85 -2.70 0.00	36.14 -3.11 0.00	33.92 -2.68 0.00	33.07 -2.74 0.00	32.54 -2.81 0.00	37.41 -3.04 0.00	35.80 -3.03 0.00	33.86 -2.49 0.00	32.02 -2.57 0.00	32.20 -2.61 0.00	37.33 -3.62 1.23	31.22 -3.24 2.29	34.72 -3.31 0.00	39.83 -3.30 0.00	48.20 -3.44 0.43	43.49 -3.05 0.01	33.38 -2.52 0.00	29.50 -2.06 0.00
GOETHSLN___LBMP 323567	32.73 1.32 0.00	31.10 1.19 0.00	31.18 1.13 0.00	30.81 1.06 0.00	27.38 0.98 0.00	31.74 1.15 0.00	35.88 1.33 0.00	40.89 1.64 0.00	38.15 1.55 0.00	37.45 1.64 0.00	37.20 1.84 0.00	42.64 2.19 0.00	41.15 2.32 0.00	38.33 1.98 0.00	36.30 1.71 0.00	36.56 1.75 0.00	44.38 2.21 0.00	38.80 2.06 0.00	39.93 1.91 0.00	45.01 1.89 0.00	54.46 2.39 0.00	48.39 1.84 0.00	37.25 1.36 0.00	32.69 1.14 0.00
GOLAH___69_KV_TB 1_2 80279	30.58 -0.83 0.00	29.10 -0.82 0.00	29.22 -0.82 0.00	28.89 -0.87 0.00	25.65 -0.75 0.00	29.84 -0.75 0.00	33.81 -0.74 0.00	38.43 -0.82 0.00	36.01 -0.60 0.00	35.21 -0.60 0.00	34.67 -0.69 0.00	39.78 -0.67 0.00	38.10 -0.73 0.00	35.83 -0.52 0.00	33.95 -0.64 0.00	34.19 -0.62 0.00	41.21 -0.96 0.00	35.88 -0.87 0.00	37.16 -0.87 0.00	42.39 -0.73 0.00	51.54 -0.52 0.00	45.96 -0.58 0.00	35.25 -0.65 0.00	31.04 -0.52 0.00
GOODYEAR_LAKE_HYD 323669	32.28 0.87 0.00	30.71 0.80 0.00	30.81 0.77 0.00	30.50 0.73 0.00	27.08 0.68 0.00	31.47 0.88 0.00	35.64 1.10 0.00	40.48 1.23 0.00	37.72 1.12 0.00	36.88 1.07 0.00	36.46 1.11 0.00	41.74 1.29 0.00	40.05 1.23 0.00	37.41 1.07 0.00	35.58 1.00 0.00	35.85 1.04 0.00	43.54 1.36 0.00	37.99 1.25 0.00	39.27 1.25 0.00	44.53 1.41 0.00	53.92 1.85 0.00	48.03 1.49 0.00	36.91 1.02 0.00	32.43 0.87 0.00

GOUDEY___115_KV_TB6_REV_LBMP_C 345031	31.36 -0.05 0.00	29.89 -0.02 0.00	30.01 -0.04 0.00	29.67 -0.09 0.00	26.33 -0.07 0.00	30.58 -0.01 0.00	34.59 0.05 0.00	39.21 -0.04 0.00	36.57 -0.04 0.00	35.75 -0.06 0.00	35.34 -0.02 0.00	40.55 0.10 0.00	38.85 0.01 0.00	36.43 0.08 0.00	34.56 -0.03 0.00	34.78 -0.03 0.00	42.16 -0.02 0.00	36.74 0.00 0.00	37.96 -0.07 0.00	43.09 -0.03 0.00	52.29 0.22 0.00	46.58 0.04 0.00	35.74 -0.16 0.00	31.49 -0.06 0.00
GOUDEY___7 23579	31.36 -0.05 0.00	29.89 -0.02 0.00	30.01 -0.04 0.00	29.67 -0.09 0.00	26.33 -0.07 0.00	30.58 -0.01 0.00	34.59 0.05 0.00	39.21 -0.04 0.00	36.57 -0.04 0.00	35.75 -0.06 0.00	35.34 -0.02 0.00	40.55 0.10 0.00	38.85 0.01 0.00	36.43 0.08 0.00	34.56 -0.03 0.00	34.78 -0.03 0.00	42.16 -0.02 0.00	36.74 0.00 0.00	37.96 -0.07 0.00	43.09 -0.03 0.00	52.29 0.22 0.00	46.58 0.04 0.00	35.74 -0.16 0.00	31.49 -0.06 0.00
GOUDEY___8 23580	31.36 -0.05 0.00	29.89 -0.02 0.00	30.01 -0.04 0.00	29.67 -0.09 0.00	26.33 -0.07 0.00	30.58 -0.01 0.00	34.59 0.05 0.00	39.21 -0.04 0.00	36.57 -0.04 0.00	35.75 -0.06 0.00	35.34 -0.02 0.00	40.55 0.10 0.00	38.85 0.01 0.00	36.43 0.08 0.00	34.56 -0.03 0.00	34.78 -0.03 0.00	42.16 -0.02 0.00	36.74 0.00 0.00	37.96 -0.07 0.00	43.09 -0.03 0.00	52.29 0.22 0.00	46.58 0.04 0.00	35.74 -0.16 0.00	31.49 -0.06 0.00
GOWANUS_GT1_1 24077	32.88 1.48 0.00	31.26 1.35 0.00	31.34 1.30 0.00	30.98 1.22 0.00	27.56 1.16 0.00	31.93 1.34 0.00	36.10 1.56 0.00	41.17 1.92 0.00	38.46 1.86 0.00	37.78 1.97 0.00	37.50 2.14 0.00	43.01 2.56 0.00	41.50 2.67 0.00	38.72 2.37 0.00	36.65 2.06 0.00	36.84 2.03 0.00	44.75 2.57 0.00	39.12 2.38 0.00	40.29 2.26 -0.01	45.41 2.28 -0.01	54.86 2.79 -0.01	48.83 2.27 -0.01	37.63 1.73 0.00	33.02 1.46 0.00
GOWANUS_GT1_2 24078	32.88 1.48 0.00	31.26 1.35 0.00	31.34 1.30 0.00	30.98 1.22 0.00	27.56 1.16 0.00	31.93 1.34 0.00	36.10 1.56 0.00	41.17 1.92 0.00	38.46 1.86 0.00	37.78 1.97 0.00	37.50 2.14 0.00	43.01 2.56 0.00	41.50 2.67 0.00	38.72 2.37 0.00	36.65 2.06 0.00	36.84 2.03 0.00	44.75 2.57 0.00	39.12 2.38 0.00	40.29 2.26 -0.01	45.41 2.28 -0.01	54.86 2.79 -0.01	48.83 2.27 -0.01	37.63 1.73 0.00	33.02 1.46 0.00
GOWANUS_GT1_3 24079	32.88 1.48 0.00	31.26 1.35 0.00	31.34 1.30 0.00	30.98 1.22 0.00	27.56 1.16 0.00	31.93 1.34 0.00	36.10 1.56 0.00	41.17 1.92 0.00	38.46 1.86 0.00	37.78 1.97 0.00	37.50 2.14 0.00	43.01 2.56 0.00	41.50 2.67 0.00	38.72 2.37 0.00	36.65 2.06 0.00	36.84 2.03 0.00	44.75 2.57 0.00	39.12 2.38 0.00	40.29 2.26 -0.01	45.41 2.28 -0.01	54.86 2.79 -0.01	48.83 2.27 -0.01	37.63 1.73 0.00	33.02 1.46 0.00
GOWANUS_GT1_4 24080	32.88 1.48 0.00	31.26 1.35 0.00	31.34 1.30 0.00	30.98 1.22 0.00	27.56 1.16 0.00	31.93 1.34 0.00	36.10 1.56 0.00	41.17 1.92 0.00	38.46 1.86 0.00	37.78 1.97 0.00	37.50 2.14 0.00	43.01 2.56 0.00	41.50 2.67 0.00	38.72 2.37 0.00	36.65 2.06 0.00	36.84 2.03 0.00	44.75 2.57 0.00	39.12 2.38 0.00	40.29 2.26 -0.01	45.41 2.28 -0.01	54.86 2.79 -0.01	48.83 2.27 -0.01	37.63 1.73 0.00	33.02 1.46 0.00
GOWANUS_GT1_5 24084	32.88 1.48 0.00	31.26 1.35 0.00	31.34 1.30 0.00	30.98 1.22 0.00	27.56 1.16 0.00	31.93 1.34 0.00	36.10 1.56 0.00	41.17 1.92 0.00	38.46 1.86 0.00	37.78 1.97 0.00	37.50 2.14 0.00	43.01 2.56 0.00	41.50 2.67 0.00	38.72 2.37 0.00	36.65 2.06 0.00	36.84 2.03 0.00	44.75 2.57 0.00	39.12 2.38 0.00	40.29 2.26 -0.01	45.41 2.28 -0.01	54.86 2.79 -0.01	48.83 2.27 -0.01	37.63 1.73 0.00	33.02 1.46 0.00
GOWANUS_GT1_6 24111	32.88 1.48 0.00	31.26 1.35 0.00	31.34 1.30 0.00	30.98 1.22 0.00	27.56 1.16 0.00	31.93 1.34 0.00	36.10 1.56 0.00	41.17 1.92 0.00	38.46 1.86 0.00	37.78 1.97 0.00	37.50 2.14 0.00	43.01 2.56 0.00	41.50 2.67 0.00	38.72 2.37 0.00	36.65 2.06 0.00	36.84 2.03 0.00	44.75 2.57 0.00	39.12 2.38 0.00	40.29 2.26 -0.01	45.41 2.28 -0.01	54.86 2.79 -0.01	48.83 2.27 -0.01	37.63 1.73 0.00	33.02 1.46 0.00
GOWANUS_GT1_7 24112	32.88 1.48 0.00	31.26 1.35 0.00	31.34 1.30 0.00	30.98 1.22 0.00	27.56 1.16 0.00	31.93 1.34 0.00	36.10 1.56 0.00	41.17 1.92 0.00	38.46 1.86 0.00	37.78 1.97 0.00	37.50 2.14 0.00	43.01 2.56 0.00	41.50 2.67 0.00	38.72 2.37 0.00	36.65 2.06 0.00	36.84 2.03 0.00	44.75 2.57 0.00	39.12 2.38 0.00	40.29 2.26 -0.01	45.41 2.28 -0.01	54.86 2.79 -0.01	48.83 2.27 -0.01	37.63 1.73 0.00	33.02 1.46 0.00
GOWANUS_GT1_8 24113	32.88 1.48 0.00	31.26 1.35 0.00	31.34 1.30 0.00	30.98 1.22 0.00	27.56 1.16 0.00	31.93 1.34 0.00	36.10 1.56 0.00	41.17 1.92 0.00	38.46 1.86 0.00	37.78 1.97 0.00	37.50 2.14 0.00	43.01 2.56 0.00	41.50 2.67 0.00	38.72 2.37 0.00	36.65 2.06 0.00	36.84 2.03 0.00	44.75 2.57 0.00	39.12 2.38 0.00	40.29 2.26 -0.01	45.41 2.28 -0.01	54.86 2.79 -0.01	48.83 2.27 -0.01	37.63 1.73 0.00	33.02 1.46 0.00
GOWANUS_GT2_1 24114	32.89 1.48 0.00	31.26 1.35 0.00	31.34 1.30 0.00	30.98 1.22 0.00	27.56 1.16 0.00	31.93 1.34 0.00	36.10 1.56 0.00	41.17 1.92 0.00	38.46 1.85 0.00	37.78 1.97 0.00	37.50 2.14 0.00	43.02 2.57 0.00	41.50 2.67 0.00	38.72 2.37 0.00	36.65 2.06 0.00	36.83 2.02 0.00	44.75 2.57 0.00	39.12 2.38 0.00	40.29 2.26 -0.01	45.41 2.27 -0.01	54.87 2.79 -0.01	48.82 2.27 -0.01	37.61 1.72 0.00	33.01 1.46 0.00
GOWANUS_GT2_2 24115	32.89 1.48 0.00	31.26 1.35 0.00	31.34 1.30 0.00	30.98 1.22 0.00	27.56 1.16 0.00	31.93 1.34 0.00	36.10 1.56 0.00	41.17 1.92 0.00	38.46 1.85 0.00	37.78 1.97 0.00	37.50 2.14 0.00	43.02 2.57 0.00	41.50 2.67 0.00	38.72 2.37 0.00	36.65 2.06 0.00	36.83 2.02 0.00	44.75 2.57 0.00	39.12 2.38 0.00	40.29 2.26 -0.01	45.41 2.27 -0.01	54.87 2.79 -0.01	48.82 2.27 -0.01	37.61 1.72 0.00	33.01 1.46 0.00
GOWANUS_GT2_3 24116	32.89 1.48 0.00	31.26 1.35 0.00	31.34 1.30 0.00	30.98 1.22 0.00	27.56 1.16 0.00	31.93 1.34 0.00	36.10 1.56 0.00	41.17 1.92 0.00	38.46 1.85 0.00	37.78 1.97 0.00	37.50 2.14 0.00	43.02 2.57 0.00	41.50 2.67 0.00	38.72 2.37 0.00	36.65 2.06 0.00	36.83 2.02 0.00	44.75 2.57 0.00	39.12 2.38 0.00	40.29 2.26 -0.01	45.41 2.27 -0.01	54.87 2.79 -0.01	48.82 2.27 -0.01	37.61 1.72 0.00	33.01 1.46 0.00
GOWANUS_GT2_4 24117	32.89 1.48 0.00	31.26 1.35 0.00	31.34 1.30 0.00	30.98 1.22 0.00	27.56 1.16 0.00	31.93 1.34 0.00	36.10 1.56 0.00	41.17 1.92 0.00	38.46 1.85 0.00	37.78 1.97 0.00	37.50 2.14 0.00	43.02 2.57 0.00	41.50 2.67 0.00	38.72 2.37 0.00	36.65 2.06 0.00	36.83 2.02 0.00	44.75 2.57 0.00	39.12 2.38 0.00	40.29 2.26 -0.01	45.41 2.27 -0.01	54.87 2.79 -0.01	48.82 2.27 -0.01	37.61 1.72 0.00	33.01 1.46 0.00

GOWANUS_GT2_5 24118	32.89 1.48 0.00	31.26 1.35 0.00	31.34 1.30 0.00	30.98 1.22 0.00	27.56 1.16 0.00	31.93 1.34 0.00	36.10 1.56 0.00	41.17 1.92 0.00	38.46 1.85 0.00	37.78 1.97 0.00	37.50 2.14 0.00	43.02 2.57 0.00	41.50 2.67 0.00	38.72 2.37 0.00	36.65 2.06 0.00	36.83 2.02 0.00	44.75 2.57 0.00	39.12 2.38 0.00	40.29 2.26 -0.01	45.41 2.27 -0.01	54.87 2.79 -0.01	48.82 2.27 -0.01	37.61 1.72 0.00	33.01 1.46 0.00
GOWANUS_GT2_6 24119	32.89 1.48 0.00	31.26 1.35 0.00	31.34 1.30 0.00	30.98 1.22 0.00	27.56 1.16 0.00	31.93 1.34 0.00	36.10 1.56 0.00	41.17 1.92 0.00	38.46 1.85 0.00	37.78 1.97 0.00	37.50 2.14 0.00	43.02 2.57 0.00	41.50 2.67 0.00	38.72 2.37 0.00	36.65 2.06 0.00	36.83 2.02 0.00	44.75 2.57 0.00	39.12 2.38 0.00	40.29 2.26 -0.01	45.41 2.27 -0.01	54.87 2.79 -0.01	48.82 2.27 -0.01	37.61 1.72 0.00	33.01 1.46 0.00
GOWANUS_GT2_7 24120	32.89 1.48 0.00	31.26 1.35 0.00	31.34 1.30 0.00	30.98 1.22 0.00	27.56 1.16 0.00	31.93 1.34 0.00	36.10 1.56 0.00	41.17 1.92 0.00	38.46 1.85 0.00	37.78 1.97 0.00	37.50 2.14 0.00	43.02 2.57 0.00	41.50 2.67 0.00	38.72 2.37 0.00	36.65 2.06 0.00	36.83 2.02 0.00	44.75 2.57 0.00	39.12 2.38 0.00	40.29 2.26 -0.01	45.41 2.27 -0.01	54.87 2.79 -0.01	48.82 2.27 -0.01	37.61 1.72 0.00	33.01 1.46 0.00
GOWANUS_GT2_8 24121	32.89 1.48 0.00	31.26 1.35 0.00	31.34 1.30 0.00	30.98 1.22 0.00	27.56 1.16 0.00	31.93 1.34 0.00	36.10 1.56 0.00	41.17 1.92 0.00	38.46 1.85 0.00	37.78 1.97 0.00	37.50 2.14 0.00	43.02 2.57 0.00	41.50 2.67 0.00	38.72 2.37 0.00	36.65 2.06 0.00	36.83 2.02 0.00	44.75 2.57 0.00	39.12 2.38 0.00	40.29 2.26 -0.01	45.41 2.27 -0.01	54.87 2.79 -0.01	48.82 2.27 -0.01	37.61 1.72 0.00	33.01 1.46 0.00
GOWANUS_GT3_1 24122	32.89 1.48 0.00	31.26 1.35 0.00	31.34 1.30 0.00	30.98 1.22 0.00	27.56 1.16 0.00	31.93 1.34 0.00	36.10 1.56 0.00	41.17 1.92 0.00	38.46 1.85 0.00	37.78 1.97 0.00	37.50 2.14 0.00	43.02 2.57 0.00	41.50 2.67 0.00	38.72 2.37 0.00	36.65 2.06 0.00	36.83 2.02 0.00	44.75 2.57 0.00	39.12 2.38 0.00	40.29 2.26 -0.01	45.41 2.27 -0.01	54.87 2.79 -0.01	48.82 2.27 -0.01	37.61 1.72 0.00	33.01 1.46 0.00
GOWANUS_GT3_2 24123	32.89 1.48 0.00	31.26 1.35 0.00	31.34 1.30 0.00	30.98 1.22 0.00	27.56 1.16 0.00	31.93 1.34 0.00	36.10 1.56 0.00	41.17 1.92 0.00	38.46 1.85 0.00	37.78 1.97 0.00	37.50 2.14 0.00	43.02 2.57 0.00	41.50 2.67 0.00	38.72 2.37 0.00	36.65 2.06 0.00	36.83 2.02 0.00	44.75 2.57 0.00	39.12 2.38 0.00	40.29 2.26 -0.01	45.41 2.27 -0.01	54.87 2.79 -0.01	48.82 2.27 -0.01	37.61 1.72 0.00	33.01 1.46 0.00
GOWANUS_GT3_3 24124	32.89 1.48 0.00	31.26 1.35 0.00	31.34 1.30 0.00	30.98 1.22 0.00	27.56 1.16 0.00	31.93 1.34 0.00	36.10 1.56 0.00	41.17 1.92 0.00	38.46 1.85 0.00	37.78 1.97 0.00	37.50 2.14 0.00	43.02 2.57 0.00	41.50 2.67 0.00	38.72 2.37 0.00	36.65 2.06 0.00	36.83 2.02 0.00	44.75 2.57 0.00	39.12 2.38 0.00	40.29 2.26 -0.01	45.41 2.27 -0.01	54.87 2.79 -0.01	48.82 2.27 -0.01	37.61 1.72 0.00	33.01 1.46 0.00
GOWANUS_GT3_4 24125	32.89 1.48 0.00	31.26 1.35 0.00	31.34 1.30 0.00	30.98 1.22 0.00	27.56 1.16 0.00	31.93 1.34 0.00	36.10 1.56 0.00	41.17 1.92 0.00	38.46 1.85 0.00	37.78 1.97 0.00	37.50 2.14 0.00	43.02 2.57 0.00	41.50 2.67 0.00	38.72 2.37 0.00	36.65 2.06 0.00	36.83 2.02 0.00	44.75 2.57 0.00	39.12 2.38 0.00	40.29 2.26 -0.01	45.41 2.27 -0.01	54.87 2.79 -0.01	48.82 2.27 -0.01	37.61 1.72 0.00	33.01 1.46 0.00
GOWANUS_GT3_5 24126	32.89 1.48 0.00	31.26 1.35 0.00	31.34 1.30 0.00	30.98 1.22 0.00	27.56 1.16 0.00	31.93 1.34 0.00	36.10 1.56 0.00	41.17 1.92 0.00	38.46 1.85 0.00	37.78 1.97 0.00	37.50 2.14 0.00	43.02 2.57 0.00	41.50 2.67 0.00	38.72 2.37 0.00	36.65 2.06 0.00	36.83 2.02 0.00	44.75 2.57 0.00	39.12 2.38 0.00	40.29 2.26 -0.01	45.41 2.27 -0.01	54.87 2.79 -0.01	48.82 2.27 -0.01	37.61 1.72 0.00	33.01 1.46 0.00
GOWANUS_GT3_6 24127	32.89 1.48 0.00	31.26 1.35 0.00	31.34 1.30 0.00	30.98 1.22 0.00	27.56 1.16 0.00	31.93 1.34 0.00	36.10 1.56 0.00	41.17 1.92 0.00	38.46 1.85 0.00	37.78 1.97 0.00	37.50 2.14 0.00	43.02 2.57 0.00	41.50 2.67 0.00	38.72 2.37 0.00	36.65 2.06 0.00	36.83 2.02 0.00	44.75 2.57 0.00	39.12 2.38 0.00	40.29 2.26 -0.01	45.41 2.27 -0.01	54.87 2.79 -0.01	48.82 2.27 -0.01	37.61 1.72 0.00	33.01 1.46 0.00
GOWANUS_GT3_7 24128	32.89 1.48 0.00	31.26 1.35 0.00	31.34 1.30 0.00	30.98 1.22 0.00	27.56 1.16 0.00	31.93 1.34 0.00	36.10 1.56 0.00	41.17 1.92 0.00	38.46 1.85 0.00	37.78 1.97 0.00	37.50 2.14 0.00	43.02 2.57 0.00	41.50 2.67 0.00	38.72 2.37 0.00	36.65 2.06 0.00	36.83 2.02 0.00	44.75 2.57 0.00	39.12 2.38 0.00	40.29 2.26 -0.01	45.41 2.27 -0.01	54.87 2.79 -0.01	48.82 2.27 -0.01	37.61 1.72 0.00	33.01 1.46 0.00
GOWANUS_GT3_8 24129	32.89 1.48 0.00	31.26 1.35 0.00	31.34 1.30 0.00	30.98 1.22 0.00	27.56 1.16 0.00	31.93 1.34 0.00	36.10 1.56 0.00	41.17 1.92 0.00	38.46 1.85 0.00	37.78 1.97 0.00	37.50 2.14 0.00	43.02 2.57 0.00	41.50 2.67 0.00	38.72 2.37 0.00	36.65 2.06 0.00	36.83 2.02 0.00	44.75 2.57 0.00	39.12 2.38 0.00	40.29 2.26 -0.01	45.41 2.27 -0.01	54.87 2.79 -0.01	48.82 2.27 -0.01	37.61 1.72 0.00	33.01 1.46 0.00
GOWANUS_GT4_1 24130	32.88 1.48 0.00	31.26 1.35 0.00	31.34 1.30 0.00	30.98 1.22 0.00	27.56 1.16 0.00	31.93 1.34 0.00	36.10 1.56 0.00	41.17 1.92 0.00	38.46 1.86 0.00	37.78 1.97 0.00	37.50 2.14 0.00	43.01 2.56 0.00	41.50 2.67 0.00	38.72 2.37 0.00	36.65 2.06 0.00	36.83 2.02 0.00	44.75 2.57 0.00	39.12 2.38 0.00	40.29 2.26 -0.01	45.41 2.28 -0.01	54.86 2.79 -0.01	48.83 2.27 -0.01	37.63 1.73 0.00	33.02 1.46 0.00
GOWANUS_GT4_2 24131	32.88 1.48 0.00	31.26 1.35 0.00	31.34 1.30 0.00	30.98 1.22 0.00	27.56 1.16 0.00	31.93 1.34 0.00	36.10 1.56 0.00	41.17 1.92 0.00	38.46 1.86 0.00	37.78 1.97 0.00	37.50 2.14 0.00	43.01 2.56 0.00	41.50 2.67 0.00	38.72 2.37 0.00	36.65 2.06 0.00	36.83 2.02 0.00	44.75 2.57 0.00	39.12 2.38 0.00	40.29 2.26 -0.01	45.41 2.28 -0.01	54.86 2.79 -0.01	48.83 2.27 -0.01	37.63 1.73 0.00	33.02 1.46 0.00
GOWANUS_GT4_3 24132	32.88 1.48 0.00	31.26 1.35 0.00	31.34 1.30 0.00	30.98 1.22 0.00	27.56 1.16 0.00	31.93 1.34 0.00	36.10 1.56 0.00	41.17 1.92 0.00	38.46 1.86 0.00	37.78 1.97 0.00	37.50 2.14 0.00	43.01 2.56 0.00	41.50 2.67 0.00	38.72 2.37 0.00	36.65 2.06 0.00	36.83 2.02 0.00	44.75 2.57 0.00	39.12 2.38 0.00	40.29 2.26 -0.01	45.41 2.28 -0.01	54.86 2.79 -0.01	48.83 2.27 -0.01	37.63 1.73 0.00	33.02 1.46 0.00

GOWANUS_GT4_4 24133	32.88 1.48 0.00	31.26 1.35 0.00	31.34 1.30 0.00	30.98 1.22 0.00	27.56 1.16 0.00	31.93 1.34 0.00	36.10 1.56 0.00	41.17 1.92 0.00	38.46 1.86 0.00	37.78 1.97 0.00	37.50 2.14 0.00	43.01 2.56 0.00	41.50 2.67 0.00	38.72 2.37 0.00	36.65 2.06 0.00	36.83 2.02 0.00	44.75 2.57 0.00	39.12 2.38 0.00	40.29 2.26 -0.01	45.41 2.28 -0.01	54.86 2.79 -0.01	48.83 2.27 -0.01	37.63 1.73 0.00	33.02 1.46 0.00
GOWANUS_GT4_5 24134	32.88 1.48 0.00	31.26 1.35 0.00	31.34 1.30 0.00	30.98 1.22 0.00	27.56 1.16 0.00	31.93 1.34 0.00	36.10 1.56 0.00	41.17 1.92 0.00	38.46 1.86 0.00	37.78 1.97 0.00	37.50 2.14 0.00	43.01 2.56 0.00	41.50 2.67 0.00	38.72 2.37 0.00	36.65 2.06 0.00	36.83 2.02 0.00	44.75 2.57 0.00	39.12 2.38 0.00	40.29 2.26 -0.01	45.41 2.28 -0.01	54.86 2.79 -0.01	48.83 2.27 -0.01	37.63 1.73 0.00	33.02 1.46 0.00
GOWANUS_GT4_6 24135	32.88 1.48 0.00	31.26 1.35 0.00	31.34 1.30 0.00	30.98 1.22 0.00	27.56 1.16 0.00	31.93 1.34 0.00	36.10 1.56 0.00	41.17 1.92 0.00	38.46 1.86 0.00	37.78 1.97 0.00	37.50 2.14 0.00	43.01 2.56 0.00	41.50 2.67 0.00	38.72 2.37 0.00	36.65 2.06 0.00	36.83 2.02 0.00	44.75 2.57 0.00	39.12 2.38 0.00	40.29 2.26 -0.01	45.41 2.28 -0.01	54.86 2.79 -0.01	48.83 2.27 -0.01	37.63 1.73 0.00	33.02 1.46 0.00
GOWANUS_GT4_7 24136	32.88 1.48 0.00	31.26 1.35 0.00	31.34 1.30 0.00	30.98 1.22 0.00	27.56 1.16 0.00	31.93 1.34 0.00	36.10 1.56 0.00	41.17 1.92 0.00	38.46 1.86 0.00	37.78 1.97 0.00	37.50 2.14 0.00	43.01 2.56 0.00	41.50 2.67 0.00	38.72 2.37 0.00	36.65 2.06 0.00	36.83 2.02 0.00	44.75 2.57 0.00	39.12 2.38 0.00	40.29 2.26 -0.01	45.41 2.28 -0.01	54.86 2.79 -0.01	48.83 2.27 -0.01	37.63 1.73 0.00	33.02 1.46 0.00
GOWANUS_GT4_8 24137	32.88 1.48 0.00	31.26 1.35 0.00	31.34 1.30 0.00	30.98 1.22 0.00	27.56 1.16 0.00	31.93 1.34 0.00	36.10 1.56 0.00	41.17 1.92 0.00	38.46 1.86 0.00	37.78 1.97 0.00	37.50 2.14 0.00	43.01 2.56 0.00	41.50 2.67 0.00	38.72 2.37 0.00	36.65 2.06 0.00	36.83 2.02 0.00	44.75 2.57 0.00	39.12 2.38 0.00	40.29 2.26 -0.01	45.41 2.28 -0.01	54.86 2.79 -0.01	48.83 2.27 -0.01	37.63 1.73 0.00	33.02 1.46 0.00
GREENBSH_115KV_TB3 55895	31.79 0.38 0.00	30.28 0.37 0.00	30.41 0.37 0.00	30.13 0.37 0.00	26.69 0.30 0.00	30.84 0.26 0.00	34.80 0.26 0.00	39.60 0.35 0.00	36.90 0.29 0.00	36.14 0.33 0.00	35.81 0.45 0.00	40.98 0.53 0.00	39.38 0.55 0.00	36.76 0.41 0.00	34.96 0.37 0.00	35.21 0.40 0.00	42.74 0.57 0.00	37.14 0.40 0.00	38.40 0.37 0.00	43.44 0.31 0.00	52.21 0.14 0.00	46.77 0.22 0.00	36.16 0.27 0.00	31.82 0.26 0.00
GREENDGE_115KV_TB5 80291	31.11 -0.43 -0.13	29.57 -0.35 0.00	29.70 -0.35 0.00	29.34 -0.42 0.00	26.03 -0.36 0.00	30.30 -0.29 0.00	34.42 -0.13 0.00	39.10 -0.14 0.00	36.42 -0.19 0.00	35.62 -0.18 0.00	35.17 -0.19 0.00	40.36 -0.09 0.00	38.66 -0.17 0.00	36.31 -0.04 0.00	34.37 -0.22 0.00	34.53 -0.28 0.00	43.79 -0.37 -1.98	40.15 -0.28 -3.69	37.78 -0.24 0.00	43.05 -0.07 0.00	52.32 0.25 0.00	46.53 -0.02 0.00	35.61 -0.29 0.00	31.40 -0.16 0.00
GREENIDGE___3 23582	31.11 -0.43 -0.13	29.57 -0.35 0.00	29.70 -0.35 0.00	29.34 -0.42 0.00	26.03 -0.36 0.00	30.30 -0.29 0.00	34.42 -0.13 0.00	39.10 -0.14 0.00	36.42 -0.19 0.00	35.62 -0.18 0.00	35.17 -0.19 0.00	40.36 -0.09 0.00	38.66 -0.17 0.00	36.31 -0.04 0.00	34.37 -0.22 0.00	34.53 -0.28 0.00	43.79 -0.37 -1.98	40.15 -0.28 -3.69	37.78 -0.24 0.00	43.05 -0.07 0.00	52.32 0.25 0.00	46.53 -0.02 0.00	35.61 -0.29 0.00	31.40 -0.16 0.00
GREENIDGE___4 23583	31.12 -0.42 -0.13	29.57 -0.35 0.00	29.69 -0.35 0.00	29.34 -0.42 0.00	26.03 -0.36 0.00	30.30 -0.29 0.00	34.42 -0.13 0.00	39.10 -0.14 0.00	36.42 -0.19 0.00	35.63 -0.18 0.00	35.17 -0.19 0.00	40.36 -0.09 0.00	38.67 -0.17 0.00	36.31 -0.04 0.00	34.37 -0.22 0.00	34.54 -0.27 0.00	43.79 -0.37 -1.98	40.15 -0.28 -3.69	37.78 -0.24 0.00	43.06 -0.07 0.00	52.31 0.24 0.00	46.53 -0.02 0.00	35.61 -0.29 0.00	31.40 -0.16 0.00
GREENLWN_69_KV_BK 3 55738	33.03 1.62 0.00	31.28 1.37 0.00	31.31 1.26 0.00	30.91 1.15 0.00	27.44 1.05 0.00	31.80 1.21 0.00	35.98 1.43 0.00	40.96 1.71 0.00	38.28 1.67 0.00	37.68 1.87 0.00	37.44 2.00 -0.08	46.23 2.48 -3.30	41.97 2.71 -0.43	44.02 2.40 -5.27	36.53 1.93 -0.01	36.37 1.56 0.00	44.01 1.83 0.00	38.58 1.84 0.00	39.59 1.65 0.09	43.31 1.77 1.58	54.29 2.23 0.00	48.48 1.83 -0.10	38.79 1.60 -1.30	45.94 1.38 -12.99
GREENWD_138_KV_38B11_REV_LBMP_J 345004	32.88 1.48 0.00	31.26 1.35 0.00	31.34 1.30 0.00	30.98 1.22 0.00	27.56 1.16 0.00	31.93 1.34 0.00	36.10 1.56 0.00	41.17 1.92 0.00	38.46 1.86 0.00	37.78 1.97 0.00	37.50 2.14 0.00	43.01 2.56 0.00	41.50 2.67 0.00	38.72 2.37 0.00	36.65 2.06 0.00	36.84 2.03 0.00	44.75 2.57 0.00	39.12 2.38 0.00	40.29 2.26 -0.01	45.41 2.28 -0.01	54.86 2.79 -0.01	48.83 2.27 -0.01	37.63 1.73 0.00	33.02 1.46 0.00
GRISSOM___SOLAR 323813	32.68 1.28 0.00	31.11 1.19 0.00	31.21 1.17 0.00	30.92 1.16 0.00	27.47 1.07 0.00	31.90 1.31 0.00	36.09 1.54 0.00	40.88 1.63 0.00	37.69 1.08 0.00	36.78 0.98 0.00	36.42 1.07 0.00	41.74 1.29 0.00	39.78 0.95 0.00	36.81 0.46 0.00	35.00 0.41 0.00	35.67 0.87 0.00	43.82 1.64 0.00	38.36 1.62 0.00	39.75 1.73 0.00	45.14 2.02 0.00	54.58 2.51 0.00	48.69 2.14 0.00	37.42 1.53 0.00	32.84 1.29 0.00
GROVEVILLE___HYD 323602	32.87 1.47 0.00	31.22 1.31 0.00	31.31 1.27 0.00	30.95 1.19 0.00	27.48 1.08 0.00	31.86 1.27 0.00	36.03 1.49 0.00	41.06 1.81 0.00	38.31 1.71 0.00	37.53 1.72 0.00	37.21 1.85 0.00	42.57 2.12 0.00	41.03 2.20 0.00	38.28 1.94 0.00	36.30 1.71 0.00	36.59 1.78 0.00	44.47 2.29 0.00	38.81 2.07 0.00	40.06 2.03 0.00	45.23 2.11 0.00	54.68 2.61 0.00	48.68 2.13 0.00	37.45 1.55 0.00	32.91 1.35 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	31.20 -0.21 0.00	29.71 -0.21 0.00	29.84 -0.21 0.00	29.54 -0.22 0.00	26.21 -0.19 0.00	30.42 -0.17 0.00	34.37 -0.18 0.00	38.91 -0.33 0.00	36.28 -0.33 0.00	35.49 -0.31 0.00	35.08 -0.28 0.00	40.15 -0.30 0.00	38.46 -0.37 0.00	35.99 -0.36 0.00	34.22 -0.37 0.00	34.44 -0.37 0.00	41.70 -0.47 0.00	36.33 -0.41 0.00	37.61 -0.42 0.00	42.69 -0.44 0.00	51.59 -0.48 0.00	46.01 -0.53 0.00	35.46 -0.43 0.00	31.30 -0.26 0.00
HAMLTNNY_34_KV_TB 80303	31.26 -0.15 0.00	29.74 -0.18 0.00	29.86 -0.18 0.00	29.56 -0.20 0.00	26.24 -0.16 0.00	30.46 -0.13 0.00	34.44 -0.11 0.00	38.96 -0.29 0.00	36.36 -0.24 0.00	35.53 -0.27 0.00	35.13 -0.22 0.00	40.22 -0.22 0.00	38.57 -0.26 0.00	36.07 -0.28 0.00	34.32 -0.27 0.00	34.55 -0.26 0.00	41.82 -0.36 0.00	36.41 -0.33 0.00	37.72 -0.31 0.00	42.87 -0.26 0.00	51.81 -0.26 0.00	46.20 -0.35 0.00	35.57 -0.32 0.00	31.38 -0.18 0.00

HAMPSHIRE___PAPER_HYD 323593	30.66 -0.75 0.00	29.33 -0.58 0.00	29.60 -0.44 0.00	29.46 -0.29 0.00	26.15 -0.25 0.00	30.39 -0.20 0.00	34.52 -0.02 0.00	39.23 -0.02 0.00	36.50 -0.10 0.00	35.63 -0.17 0.00	34.93 -0.43 0.00	39.47 -0.98 0.00	37.76 -1.08 0.00	35.45 -0.90 0.00	33.76 -0.83 0.00	33.78 -1.03 0.00	40.87 -1.31 0.00	35.91 -0.83 0.00	37.34 -0.69 0.00	42.63 -0.49 0.00	51.56 -0.51 0.00	46.07 -0.48 0.00	35.50 -0.39 0.00	31.15 -0.40 0.00
HARDSCRABBLE_WT_PWR 323673	32.34 0.93 0.00	30.84 0.92 0.00	30.84 0.80 0.00	30.58 0.82 0.00	27.16 0.77 0.00	31.52 0.93 0.00	35.63 1.08 0.00	40.50 1.26 0.00	37.48 0.87 0.00	36.59 0.78 0.00	36.36 1.00 0.00	41.54 1.09 0.00	39.76 0.93 0.00	36.99 0.64 0.00	35.09 0.50 0.00	35.57 0.76 0.00	43.61 1.43 0.00	37.83 1.08 0.00	39.11 1.09 0.00	44.29 1.17 0.00	53.53 1.46 0.00	47.81 1.26 0.00	36.81 0.91 0.00	32.26 0.71 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	32.70 1.29 0.00	31.06 1.14 0.00	31.16 1.12 0.00	30.82 1.06 0.00	27.37 0.97 0.00	31.74 1.15 0.00	35.91 1.36 0.00	40.90 1.65 0.00	38.14 1.54 0.00	37.39 1.58 0.00	37.07 1.71 0.00	42.49 2.05 0.00	40.97 2.13 0.00	38.25 1.90 0.00	36.24 1.65 0.00	36.55 1.74 0.00	44.38 2.20 0.00	38.73 1.99 0.00	39.90 1.87 0.00	45.05 1.92 0.00	54.46 2.39 0.00	48.48 1.94 0.00	37.29 1.40 0.00	32.74 1.19 0.00
HARSNRAD_115KV_TB1 81005	29.09 -2.23 0.08	27.79 -2.12 0.00	27.96 -2.08 0.00	27.61 -2.15 0.00	24.48 -1.91 0.00	28.48 -2.11 0.00	32.20 -2.35 0.00	36.56 -2.69 0.00	34.33 -2.28 0.00	33.46 -2.35 0.00	32.95 -2.41 0.00	37.89 -2.56 0.00	36.24 -2.59 0.00	34.29 -2.06 0.00	32.40 -2.19 0.00	32.60 -2.21 0.00	37.85 -3.12 1.20	31.74 -2.75 2.25	35.18 -2.85 0.00	40.31 -2.81 0.00	49.24 -2.83 0.00	44.03 -2.51 0.00	33.78 -2.12 0.00	29.84 -1.72 0.00
HARZA MOOSE___RIVER 24016	31.39 -0.01 0.00	30.06 0.14 0.00	30.34 0.30 0.00	30.19 0.43 0.00	26.81 0.42 0.00	31.19 0.60 0.00	35.41 0.86 0.00	40.19 0.94 0.00	37.44 0.83 0.00	36.58 0.77 0.00	35.94 0.58 0.00	40.83 0.38 0.00	39.01 0.18 0.00	36.56 0.22 0.00	34.77 0.18 0.00	34.95 0.14 0.00	42.43 0.25 0.00	37.27 0.53 0.00	38.70 0.67 0.00	44.00 0.87 0.00	53.12 1.05 0.00	47.35 0.81 0.00	36.35 0.46 0.00	31.94 0.38 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	31.04 -0.37 0.00	29.56 -0.35 0.00	29.69 -0.35 0.00	29.39 -0.36 0.00	26.08 -0.32 0.00	30.25 -0.34 0.00	34.14 -0.40 0.00	38.69 -0.56 0.00	36.12 -0.49 0.00	35.32 -0.49 0.00	34.90 -0.46 0.00	39.91 -0.53 0.00	38.21 -0.63 0.00	35.78 -0.57 0.00	34.01 -0.58 0.00	34.22 -0.59 0.00	41.43 -0.75 0.00	36.10 -0.65 0.00	37.34 -0.69 0.00	42.38 -0.74 0.00	51.25 -0.82 0.00	45.73 -0.81 0.00	35.26 -0.64 0.00	31.12 -0.44 0.00
HELLGATE_13_KV_LD 55870	32.94 1.53 0.00	31.33 1.41 0.00	31.40 1.36 0.00	31.05 1.29 0.00	27.61 1.21 0.00	31.98 1.40 0.00	36.09 1.55 0.00	41.20 1.96 0.00	38.54 1.93 0.00	37.84 2.03 0.00	37.57 2.21 0.00	43.09 2.64 0.00	41.58 2.75 0.00	38.75 2.40 0.00	36.64 2.06 0.00	36.85 2.04 0.00	44.73 2.55 0.00	39.11 2.37 0.00	40.23 2.20 0.00	45.32 2.19 0.00	54.74 2.67 0.00	48.70 2.16 0.00	37.55 1.66 0.00	32.95 1.39 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	32.94 1.53 0.00	31.33 1.41 0.00	31.40 1.36 0.00	31.05 1.29 0.00	27.61 1.21 0.00	31.98 1.40 0.00	36.09 1.55 0.00	41.20 1.96 0.00	38.54 1.93 0.00	37.84 2.03 0.00	37.57 2.21 0.00	43.09 2.64 0.00	41.58 2.75 0.00	38.75 2.40 0.00	36.64 2.06 0.00	36.85 2.04 0.00	44.73 2.55 0.00	39.11 2.37 0.00	40.23 2.20 0.00	45.32 2.19 0.00	54.74 2.67 0.00	48.70 2.16 0.00	37.55 1.66 0.00	32.95 1.39 0.00
HEMPSTEAD____ 23647	33.20 1.79 0.00	31.48 1.56 0.00	31.52 1.47 0.00	31.12 1.36 0.00	27.63 1.23 0.00	32.04 1.45 0.00	36.24 1.70 0.00	41.29 2.05 0.00	38.58 1.98 0.00	37.94 2.14 0.00	37.70 2.24 -0.11	47.77 2.71 -4.62	42.27 2.84 -0.59	46.23 2.51 -7.37	36.68 2.08 -0.01	36.70 1.89 0.00	44.53 2.36 0.00	38.98 2.24 0.00	40.17 2.14 0.00	45.40 2.28 0.00	54.88 2.81 0.00	49.02 2.33 -0.14	39.57 1.85 -1.82	51.33 1.56 -18.20
HICKLING___1 23621	30.89 -0.57 -0.05	29.49 -0.42 0.00	29.64 -0.40 0.00	29.23 -0.53 0.00	25.96 -0.44 0.00	30.20 -0.39 0.00	34.29 -0.26 0.00	38.89 -0.36 0.00	36.23 -0.38 0.00	35.41 -0.40 0.00	35.00 -0.36 0.00	40.33 -0.12 0.00	38.62 -0.22 0.00	36.38 0.04 0.00	34.36 -0.23 0.00	34.46 -0.35 0.00	42.43 -0.45 -0.70	37.68 -0.37 -1.31	37.56 -0.47 0.00	42.80 -0.33 0.00	52.22 0.15 0.00	46.36 -0.19 0.00	35.38 -0.52 0.00	31.24 -0.32 0.00
HICKLING___2 23622	30.89 -0.57 -0.05	29.49 -0.42 0.00	29.64 -0.40 0.00	29.23 -0.53 0.00	25.96 -0.44 0.00	30.20 -0.39 0.00	34.29 -0.26 0.00	38.89 -0.36 0.00	36.23 -0.38 0.00	35.41 -0.40 0.00	35.00 -0.36 0.00	40.33 -0.12 0.00	38.62 -0.22 0.00	36.38 0.04 0.00	34.36 -0.23 0.00	34.46 -0.35 0.00	42.43 -0.45 -0.70	37.68 -0.37 -1.31	37.56 -0.47 0.00	42.80 -0.33 0.00	52.22 0.15 0.00	46.36 -0.19 0.00	35.38 -0.52 0.00	31.24 -0.32 0.00
HIGH FALLS___HY 23754	32.96 1.55 0.00	31.29 1.37 0.00	31.38 1.34 0.00	31.01 1.26 0.00	27.54 1.14 0.00	31.96 1.38 0.00	36.19 1.65 0.00	41.21 1.96 0.00	38.42 1.82 0.00	37.52 1.71 0.00	37.08 1.72 0.00	42.54 2.09 0.00	40.91 2.08 0.00	38.22 1.88 0.00	36.37 1.78 0.00	36.72 1.91 0.00	44.53 2.35 0.00	38.87 2.13 0.00	40.13 2.11 0.00	45.37 2.25 0.00	54.95 2.88 0.00	48.90 2.35 0.00	37.59 1.69 0.00	33.00 1.44 0.00
HIGH_RIVER___SOLAR 323847	32.31 0.90 0.00	30.75 0.84 0.00	30.88 0.83 0.00	30.59 0.83 0.00	27.15 0.75 0.00	31.48 0.90 0.00	35.58 1.04 0.00	40.34 1.09 0.00	37.34 0.73 0.00	36.52 0.71 0.00	36.04 0.68 0.00	41.31 0.87 0.00	39.64 0.81 0.00	36.87 0.52 0.00	34.97 0.38 0.00	35.39 0.58 0.00	43.30 1.12 0.00	37.84 1.09 0.00	39.19 1.16 0.00	44.46 1.33 0.00	53.68 1.61 0.00	47.92 1.38 0.00	36.91 1.02 0.00	32.43 0.87 0.00
HILLBURN___GT 23639	32.64 1.23 0.00	31.00 1.09 0.00	31.12 1.08 0.00	30.77 1.02 0.00	27.33 0.94 0.00	31.70 1.11 0.00	35.86 1.32 0.00	40.84 1.60 0.00	38.09 1.48 0.00	37.37 1.57 0.00	37.10 1.74 0.00	42.52 2.07 0.00	40.99 2.16 0.00	38.24 1.89 0.00	36.20 1.61 0.00	36.49 1.68 0.00	44.30 2.13 0.00	38.65 1.91 0.00	39.80 1.77 0.00	44.92 1.79 0.00	54.32 2.25 0.00	48.35 1.80 0.00	37.18 1.29 0.00	32.66 1.10 0.00
HILLSIDE_115KV_TB1 80332	30.73 -0.71 -0.04	29.36 -0.56 0.00	29.48 -0.57 0.00	29.08 -0.68 0.00	25.83 -0.57 0.00	30.04 -0.54 0.00	34.06 -0.49 0.00	38.52 -0.73 0.00	35.89 -0.72 0.00	35.04 -0.76 0.00	34.67 -0.69 0.00	39.95 -0.50 0.00	38.29 -0.54 0.00	36.03 -0.32 0.00	34.04 -0.55 0.00	34.17 -0.63 0.00	41.93 -0.75 -0.51	37.04 -0.65 -0.95	37.22 -0.81 0.00	42.37 -0.75 0.00	51.71 -0.36 0.00	45.94 -0.60 0.00	35.01 -0.88 0.00	30.91 -0.65 0.00

HISHELDN_WT_PWR 323625	29.11 -2.07 0.24	28.00 -1.91 0.00	28.23 -1.81 0.00	27.89 -1.87 0.00	24.70 -1.70 0.00	28.80 -1.79 0.00	32.63 -1.92 0.00	37.08 -2.17 0.00	34.66 -1.94 0.00	33.86 -1.95 0.00	33.41 -1.95 0.00	38.49 -1.95 0.00	36.79 -2.04 0.00	34.78 -1.57 0.00	32.88 -1.71 0.00	32.98 -1.83 0.00	36.20 -2.51 3.47	28.08 -2.19 6.46	35.81 -2.22 0.00	41.02 -2.10 0.00	50.10 -1.97 0.00	44.70 -1.85 0.00	34.24 -1.66 0.00	30.27 -1.29 0.00
HOLTSVILLE_IC_1 23690	33.25 1.84 0.00	31.46 1.55 0.00	31.48 1.44 0.00	31.07 1.31 0.00	27.58 1.18 0.00	31.92 1.34 0.00	36.06 1.52 0.00	40.99 1.74 0.00	38.39 1.78 0.00	37.85 2.04 0.00	37.49 2.06 -0.08	46.30 2.63 -3.22	42.22 2.97 -0.42	44.15 2.67 -5.14	36.78 2.18 -0.01	36.51 1.70 0.00	44.24 2.06 0.00	38.94 2.19 0.00	40.14 1.98 -0.13	47.83 2.22 -2.49	54.87 2.80 0.00	49.03 2.38 -0.10	39.16 2.00 -1.27	45.91 1.67 -12.68
HOLTSVILLE_IC_10 23699	33.37 1.96 0.00	31.57 1.66 0.00	31.58 1.54 0.00	31.17 1.41 0.00	27.66 1.27 0.00	32.02 1.43 0.00	36.18 1.63 0.00	41.12 1.87 0.00	38.53 1.92 0.00	38.00 2.19 0.00	37.61 2.18 -0.08	46.52 2.82 -3.25	42.43 3.18 -0.42	44.38 2.85 -5.18	36.91 2.32 -0.01	36.60 1.79 0.00	44.37 2.19 0.00	39.09 2.35 0.00	40.29 2.16 -0.11	47.65 2.44 -2.09	55.16 3.10 0.00	49.30 2.65 -0.10	39.35 2.17 -1.28	46.15 1.81 -12.78
HOLTSVILLE_IC_2 23691	33.25 1.84 0.00	31.46 1.55 0.00	31.48 1.44 0.00	31.07 1.31 0.00	27.58 1.18 0.00	31.92 1.34 0.00	36.06 1.52 0.00	40.99 1.74 0.00	38.39 1.78 0.00	37.85 2.04 0.00	37.49 2.06 -0.08	46.30 2.63 -3.22	42.22 2.97 -0.42	44.15 2.67 -5.14	36.78 2.18 -0.01	36.51 1.70 0.00	44.24 2.06 0.00	38.94 2.19 0.00	40.14 1.98 -0.13	47.83 2.22 -2.49	54.87 2.80 0.00	49.03 2.38 -0.10	39.16 2.00 -1.27	45.91 1.67 -12.68
HOLTSVILLE_IC_3 23692	33.25 1.84 0.00	31.46 1.55 0.00	31.48 1.44 0.00	31.07 1.31 0.00	27.58 1.18 0.00	31.92 1.34 0.00	36.06 1.52 0.00	40.99 1.74 0.00	38.39 1.78 0.00	37.85 2.04 0.00	37.49 2.06 -0.08	46.30 2.63 -3.22	42.22 2.97 -0.42	44.15 2.67 -5.14	36.78 2.18 -0.01	36.51 1.70 0.00	44.24 2.06 0.00	38.94 2.19 0.00	40.14 1.98 -0.13	47.83 2.22 -2.49	54.87 2.80 0.00	49.03 2.38 -0.10	39.16 2.00 -1.27	45.91 1.67 -12.68
HOLTSVILLE_IC_4 23693	33.25 1.84 0.00	31.46 1.55 0.00	31.48 1.44 0.00	31.07 1.31 0.00	27.58 1.18 0.00	31.92 1.34 0.00	36.06 1.52 0.00	40.99 1.74 0.00	38.39 1.78 0.00	37.85 2.04 0.00	37.49 2.06 -0.08	46.30 2.63 -3.22	42.22 2.97 -0.42	44.15 2.67 -5.14	36.78 2.18 -0.01	36.51 1.70 0.00	44.24 2.06 0.00	38.94 2.19 0.00	40.14 1.98 -0.13	47.83 2.22 -2.49	54.87 2.80 0.00	49.03 2.38 -0.10	39.16 2.00 -1.27	45.91 1.67 -12.68
HOLTSVILLE_IC_5 23694	33.25 1.84 0.00	31.46 1.55 0.00	31.48 1.44 0.00	31.07 1.31 0.00	27.58 1.18 0.00	31.92 1.34 0.00	36.06 1.52 0.00	40.99 1.74 0.00	38.39 1.78 0.00	37.85 2.04 0.00	37.49 2.06 -0.08	46.30 2.63 -3.22	42.22 2.97 -0.42	44.15 2.67 -5.14	36.78 2.18 -0.01	36.51 1.70 0.00	44.24 2.06 0.00	38.94 2.19 0.00	40.14 1.98 -0.13	47.83 2.22 -2.49	54.87 2.80 0.00	49.03 2.38 -0.10	39.16 2.00 -1.27	45.91 1.67 -12.68
HOLTSVILLE_IC_6 23695	33.37 1.96 0.00	31.57 1.66 0.00	31.58 1.54 0.00	31.17 1.41 0.00	27.66 1.27 0.00	32.02 1.43 0.00	36.18 1.63 0.00	41.12 1.87 0.00	38.53 1.92 0.00	38.00 2.19 0.00	37.61 2.18 -0.08	46.52 2.82 -3.25	42.43 3.18 -0.42	44.38 2.85 -5.18	36.91 2.32 -0.01	36.60 1.79 0.00	44.37 2.19 0.00	39.09 2.35 0.00	40.29 2.16 -0.11	47.65 2.44 -2.09	55.16 3.10 0.00	49.30 2.65 -0.10	39.35 2.17 -1.28	46.15 1.81 -12.78
HOLTSVILLE_IC_7 23696	33.37 1.96 0.00	31.57 1.66 0.00	31.58 1.54 0.00	31.17 1.41 0.00	27.66 1.27 0.00	32.02 1.43 0.00	36.18 1.63 0.00	41.12 1.87 0.00	38.53 1.92 0.00	38.00 2.19 0.00	37.61 2.18 -0.08	46.52 2.82 -3.25	42.43 3.18 -0.42	44.38 2.85 -5.18	36.91 2.32 -0.01	36.60 1.79 0.00	44.37 2.19 0.00	39.09 2.35 0.00	40.29 2.16 -0.11	47.65 2.44 -2.09	55.16 3.10 0.00	49.30 2.65 -0.10	39.35 2.17 -1.28	46.15 1.81 -12.78
HOLTSVILLE_IC_8 23697	33.37 1.96 0.00	31.57 1.66 0.00	31.58 1.54 0.00	31.17 1.41 0.00	27.66 1.27 0.00	32.02 1.43 0.00	36.18 1.63 0.00	41.12 1.87 0.00	38.53 1.92 0.00	38.00 2.19 0.00	37.61 2.18 -0.08	46.52 2.82 -3.25	42.43 3.18 -0.42	44.38 2.85 -5.18	36.91 2.32 -0.01	36.60 1.79 0.00	44.37 2.19 0.00	39.09 2.35 0.00	40.29 2.16 -0.11	47.65 2.44 -2.09	55.16 3.10 0.00	49.30 2.65 -0.10	39.35 2.17 -1.28	46.15 1.81 -12.78
HOLTSVILLE_IC_9 23698	33.37 1.96 0.00	31.57 1.66 0.00	31.58 1.54 0.00	31.17 1.41 0.00	27.66 1.27 0.00	32.02 1.43 0.00	36.18 1.63 0.00	41.12 1.87 0.00	38.53 1.92 0.00	38.00 2.19 0.00	37.61 2.18 -0.08	46.52 2.82 -3.25	42.43 3.18 -0.42	44.38 2.85 -5.18	36.91 2.32 -0.01	36.60 1.79 0.00	44.37 2.19 0.00	39.09 2.35 0.00	40.29 2.16 -0.11	47.65 2.44 -2.09	55.16 3.10 0.00	49.30 2.65 -0.10	39.35 2.17 -1.28	46.15 1.81 -12.78
HOMER_HL_115KV_TB2 355744	30.12 -1.20 0.09	28.75 -1.16 0.00	28.91 -1.13 0.00	28.60 -1.16 0.00	25.35 -1.05 0.00	29.48 -1.11 0.00	33.42 -1.13 0.00	37.90 -1.35 0.00	35.38 -1.23 0.00	34.58 -1.23 0.00	34.08 -1.28 0.00	39.34 -1.11 0.00	37.72 -1.12 0.00	35.60 -0.75 0.00	33.57 -1.02 0.00	33.75 -1.06 0.00	39.44 -1.48 1.26	33.10 -1.29 2.35	36.55 -1.48 0.00	41.75 -1.37 0.00	51.19 -0.88 0.00	45.52 -1.03 0.00	34.63 -1.27 0.00	30.51 -1.04 0.00
HOWARD_WT_PWR 323690	30.18 -1.56 -0.34	28.64 -1.28 0.00	28.81 -1.23 0.00	28.44 -1.32 0.00	25.02 -1.38 0.00	29.19 -1.39 0.00	33.27 -1.28 0.00	38.17 -1.08 0.00	35.47 -1.14 0.00	34.86 -0.95 0.00	34.26 -1.10 0.00	39.48 -0.97 0.00	37.79 -1.04 0.00	35.73 -0.61 0.00	33.73 -0.86 0.00	33.57 -1.24 0.00	45.43 -1.70 -4.95	44.49 -1.49 -9.23	36.63 -1.40 0.00	41.80 -1.32 0.00	50.94 -1.13 0.00	45.28 -1.26 0.00	34.74 -1.16 0.00	30.81 -0.75 0.00
HQ_GEN_CEDARS 23644	31.49 0.09 0.00	30.01 0.09 0.00	30.14 0.10 0.00	29.89 0.13 0.00	26.52 0.12 0.00	30.75 0.17 0.00	34.82 0.28 0.00	39.68 0.43 0.00	37.00 0.40 0.00	36.14 0.33 0.00	35.49 0.13 0.00	40.48 0.03 0.00	38.87 0.04 0.00	36.54 0.19 0.00	34.88 0.29 0.00	35.02 0.21 0.00	42.38 0.20 0.00	36.98 0.24 0.00	38.42 0.39 0.00	43.67 0.55 0.00	52.67 0.60 0.00	47.17 0.62 0.00	36.38 0.48 0.00	31.76 0.20 0.00
HQ_GEN_CEDARS_PROXY 323590	31.49 0.09 0.00	30.01 0.09 0.00	30.14 0.10 0.00	29.89 0.13 0.00	26.52 0.12 0.00	30.75 0.17 0.00	34.82 0.28 0.00	39.68 0.44 0.00	37.00 0.40 0.00	36.14 0.34 0.00	35.49 0.13 0.00	40.48 0.03 0.00	38.87 0.04 0.00	36.54 0.19 0.00	34.88 0.29 0.00	35.02 0.21 0.00	42.38 0.20 0.00	36.98 0.24 0.00	38.42 0.39 0.00	37.99 0.55 5.68	52.67 0.60 0.00	47.17 0.63 0.00	36.38 0.48 0.00	31.76 0.20 0.00

HQ_GEN_CHPE_PROXY 323851	32.82 1.41 0.00	31.18 1.27 0.00	31.25 1.21 0.00	30.89 1.13 0.00	27.46 1.06 0.00	31.82 1.23 0.00	35.95 1.40 0.00	40.98 1.73 0.00	38.25 1.64 0.00	37.55 1.74 0.00	37.28 1.92 0.00	42.45 2.29 0.29	41.24 2.41 0.00	38.41 2.07 0.00	36.36 1.78 0.00	36.62 1.81 0.00	44.45 2.27 0.00	39.44 2.10 -0.60	39.97 1.95 0.00	39.38 1.94 5.68	54.50 2.43 0.00	47.85 1.89 0.58	37.31 1.41 0.00	32.58 1.20 0.18
HQ_GEN_IMPORT 323601	31.51 0.11 0.00	30.01 0.09 0.00	30.14 0.10 0.00	29.87 0.11 0.00	26.50 0.10 0.00	30.70 0.11 0.00	34.71 0.16 0.00	39.49 0.24 0.00	36.85 0.24 0.00	36.02 0.22 0.00	35.50 0.15 0.00	40.60 0.15 0.00	38.99 0.15 0.00	36.55 0.21 0.00	34.83 0.24 0.00	35.02 0.21 0.00	42.42 0.25 0.00	37.56 0.22 -0.60	38.30 0.27 0.00	37.80 0.36 5.68	52.49 0.42 0.00	46.39 0.43 0.58	36.20 0.31 0.00	31.54 0.17 0.18
HQ_GEN_WHEEL 23651	31.51 0.11 0.00	30.01 0.09 0.00	30.14 0.10 0.00	29.87 0.11 0.00	26.50 0.10 0.00	30.70 0.11 0.00	34.71 0.16 0.00	39.49 0.24 0.00	36.85 0.24 0.00	36.02 0.22 0.00	35.50 0.15 0.00	40.60 0.15 0.00	38.99 0.15 0.00	36.55 0.21 0.00	34.83 0.24 0.00	35.02 0.21 0.00	42.42 0.25 0.00	37.56 0.22 -0.60	38.30 0.27 0.00	37.80 0.36 5.68	52.49 0.42 0.00	46.39 0.43 0.58	36.20 0.31 0.00	31.54 0.17 0.18
HUDSON_AVE_GT_3 23810	32.88 1.47 0.00	31.24 1.33 0.00	31.31 1.27 0.00	30.95 1.19 0.00	27.51 1.11 0.00	31.88 1.29 0.00	36.04 1.49 0.00	41.09 1.84 0.00	38.35 1.74 0.00	37.65 1.84 0.00	37.38 2.03 0.00	42.85 2.41 0.00	41.36 2.53 0.00	38.52 2.17 0.00	36.47 1.88 0.00	36.72 1.91 0.00	44.57 2.40 0.00	38.95 2.21 0.00	40.09 2.07 0.00	45.19 2.07 0.00	54.66 2.59 0.00	48.57 2.02 0.00	37.41 1.51 0.00	32.82 1.26 0.00
HUDSON_AVE_GT_4 23540	32.88 1.47 0.00	31.24 1.33 0.00	31.31 1.27 0.00	30.95 1.19 0.00	27.51 1.11 0.00	31.88 1.29 0.00	36.04 1.49 0.00	41.09 1.84 0.00	38.35 1.74 0.00	37.65 1.84 0.00	37.38 2.03 0.00	42.85 2.41 0.00	41.36 2.53 0.00	38.52 2.17 0.00	36.47 1.88 0.00	36.72 1.91 0.00	44.57 2.40 0.00	38.95 2.21 0.00	40.09 2.07 0.00	45.19 2.07 0.00	54.66 2.59 0.00	48.57 2.02 0.00	37.41 1.51 0.00	32.82 1.26 0.00
HUDSON_AVE_GT_5 23657	32.88 1.47 0.00	31.24 1.33 0.00	31.31 1.27 0.00	30.95 1.19 0.00	27.51 1.11 0.00	31.88 1.29 0.00	36.04 1.49 0.00	41.09 1.84 0.00	38.35 1.74 0.00	37.65 1.84 0.00	37.38 2.03 0.00	42.85 2.41 0.00	41.36 2.53 0.00	38.52 2.17 0.00	36.47 1.88 0.00	36.72 1.91 0.00	44.57 2.40 0.00	38.95 2.21 0.00	40.09 2.07 0.00	45.19 2.07 0.00	54.66 2.59 0.00	48.57 2.02 0.00	37.41 1.51 0.00	32.82 1.26 0.00
HUDSON_AVE_10 24168	32.72 1.31 0.00	31.08 1.17 0.00	31.14 1.11 0.01	30.79 1.04 0.00	27.38 0.98 0.00	31.73 1.14 0.00	35.85 1.31 0.01	40.86 1.62 0.01	38.14 1.54 0.01	37.43 1.63 0.01	37.17 1.82 0.01	42.62 2.17 0.00	41.12 2.29 0.00	38.30 1.96 0.01	36.27 1.69 0.00	36.53 1.72 0.00	44.33 2.16 0.01	38.74 2.00 0.01	39.87 1.85 0.00	44.93 1.82 0.01	54.34 2.29 0.02	48.31 1.76 0.00	37.24 1.35 0.00	32.66 1.10 0.00
HUDSON___115KV_TB 4 355613	32.30 0.90 0.00	30.76 0.85 0.00	30.87 0.83 0.00	30.59 0.82 0.00	27.11 0.71 0.00	31.37 0.78 0.00	35.45 0.90 0.00	40.35 1.10 0.00	37.59 0.98 0.00	36.76 0.95 0.00	36.39 1.03 0.00	41.51 1.06 0.00	39.81 0.97 0.00	37.16 0.81 0.00	35.23 0.64 0.00	35.45 0.64 0.00	43.33 1.16 0.00	37.82 1.08 0.00	39.22 1.19 0.00	44.38 1.26 0.00	53.42 1.35 0.00	47.78 1.23 0.00	36.87 0.97 0.00	32.38 0.82 0.00
HUNTER MOUNT___DRP 323613	32.40 1.00 0.00	30.85 0.94 0.00	30.96 0.92 0.00	30.66 0.90 0.00	27.16 0.76 0.00	31.44 0.86 0.00	35.56 1.02 0.00	40.50 1.25 0.00	37.70 1.09 0.00	36.84 1.03 0.00	36.48 1.12 0.00	41.63 1.18 0.00	39.92 1.09 0.00	37.32 0.97 0.00	35.32 0.73 0.00	35.55 0.74 0.00	43.56 1.38 0.00	38.00 1.26 0.00	39.40 1.37 0.00	44.58 1.46 0.00	53.65 1.58 0.00	47.97 1.42 0.00	36.99 1.10 0.00	32.48 0.93 0.00
HUNTINGTON_RES_REC 323705	33.12 1.72 0.00	31.34 1.43 0.00	31.37 1.32 0.00	30.96 1.20 0.00	27.48 1.08 0.00	31.83 1.24 0.00	35.99 1.44 0.00	40.95 1.70 0.00	38.31 1.71 0.00	37.76 1.95 0.00	37.47 2.03 -0.08	46.28 2.57 -3.26	42.12 2.86 -0.42	44.10 2.55 -5.20	36.63 2.03 -0.01	36.37 1.56 0.00	44.03 1.85 0.00	38.72 1.97 0.00	39.82 1.79 0.00	45.11 1.99 0.00	54.61 2.54 0.00	48.77 2.12 -0.10	38.98 1.80 -1.28	45.91 1.52 -12.83
HUNTLEY___63 23557	29.71 -1.60 0.09	28.41 -1.51 0.00	28.57 -1.47 0.00	28.18 -1.57 0.00	24.99 -1.41 0.00	29.09 -1.50 0.00	32.93 -1.61 0.00	37.48 -1.77 0.00	35.16 -1.45 0.00	34.30 -1.51 0.00	33.79 -1.56 0.00	38.88 -1.57 0.00	37.17 -1.66 0.00	35.17 -1.17 0.00	33.23 -1.36 0.00	33.44 -1.37 0.00	38.71 -2.10 1.36	32.34 -1.86 2.54	36.12 -1.91 0.00	41.36 -1.77 0.00	50.51 -1.56 0.00	45.12 -1.43 0.00	34.56 -1.34 0.00	30.50 -1.06 0.00
HUNTLEY___64 23558	29.71 -1.60 0.09	28.41 -1.51 0.00	28.57 -1.47 0.00	28.18 -1.57 0.00	24.99 -1.41 0.00	29.09 -1.50 0.00	32.93 -1.61 0.00	37.48 -1.77 0.00	35.16 -1.45 0.00	34.30 -1.51 0.00	33.79 -1.56 0.00	38.88 -1.57 0.00	37.17 -1.66 0.00	35.17 -1.17 0.00	33.23 -1.36 0.00	33.44 -1.37 0.00	38.71 -2.10 1.36	32.34 -1.86 2.54	36.12 -1.91 0.00	41.36 -1.77 0.00	50.51 -1.56 0.00	45.12 -1.43 0.00	34.56 -1.34 0.00	30.50 -1.06 0.00
HUNTLEY___65 23559	29.71 -1.60 0.09	28.41 -1.51 0.00	28.57 -1.47 0.00	28.18 -1.57 0.00	24.99 -1.41 0.00	29.09 -1.50 0.00	32.93 -1.61 0.00	37.48 -1.77 0.00	35.16 -1.45 0.00	34.30 -1.51 0.00	33.79 -1.56 0.00	38.88 -1.57 0.00	37.17 -1.66 0.00	35.17 -1.17 0.00	33.23 -1.36 0.00	33.44 -1.37 0.00	38.71 -2.10 1.36	32.34 -1.86 2.54	36.12 -1.91 0.00	41.36 -1.77 0.00	50.51 -1.56 0.00	45.12 -1.43 0.00	34.56 -1.34 0.00	30.50 -1.06 0.00
HUNTLEY___66 23560	29.71 -1.60 0.09	28.41 -1.51 0.00	28.57 -1.47 0.00	28.18 -1.57 0.00	24.99 -1.41 0.00	29.09 -1.50 0.00	32.93 -1.61 0.00	37.48 -1.77 0.00	35.16 -1.45 0.00	34.30 -1.51 0.00	33.79 -1.56 0.00	38.88 -1.57 0.00	37.17 -1.66 0.00	35.17 -1.17 0.00	33.23 -1.36 0.00	33.44 -1.37 0.00	38.71 -2.10 1.36	32.34 -1.86 2.54	36.12 -1.91 0.00	41.36 -1.77 0.00	50.51 -1.56 0.00	45.12 -1.43 0.00	34.56 -1.34 0.00	30.50 -1.06 0.00
HUNTLEY___67 23561	29.19 -2.11 0.10	27.89 -2.02 0.00	28.06 -1.99 0.00	27.71 -2.05 0.00	24.56 -1.84 0.00	28.57 -2.02 0.00	32.31 -2.23 0.00	36.70 -2.55 0.00	34.45 -2.16 0.00	33.59 -2.21 0.00	33.05 -2.30 0.00	38.04 -2.41 0.00	36.39 -2.44 0.00	34.41 -1.94 0.00	32.53 -2.06 0.00	32.71 -2.10 0.00	37.74 -2.94 1.50	31.32 -2.63 2.79	35.34 -2.69 0.00	40.52 -2.61 0.00	49.50 -2.57 0.00	44.24 -2.31 0.00	33.88 -2.01 0.00	29.92 -1.63 0.00

HUNTLEY___68 23562	29.19 -2.11 0.10	27.89 -2.02 0.00	28.06 -1.99 0.00	27.71 -2.05 0.00	24.56 -1.84 0.00	28.57 -2.02 0.00	32.31 -2.23 0.00	36.70 -2.55 0.00	34.45 -2.16 0.00	33.59 -2.21 0.00	33.05 -2.30 0.00	38.04 -2.41 0.00	36.39 -2.44 0.00	34.41 -1.94 0.00	32.53 -2.06 0.00	32.71 -2.10 0.00	37.74 -2.94 1.50	31.32 -2.63 2.79	35.34 -2.69 0.00	40.52 -2.61 0.00	49.50 -2.57 0.00	44.24 -2.31 0.00	33.88 -2.01 0.00	29.92 -1.63 0.00
HYLAND___LFGE 323620	31.54 -0.17 -0.31	29.80 -0.11 0.00	29.96 -0.08 0.00	29.64 -0.12 0.00	26.36 -0.04 0.00	30.79 0.20 0.00	35.06 0.52 0.00	39.94 0.69 0.00	37.20 0.59 0.00	36.10 0.29 0.00	35.80 0.45 0.00	41.05 0.61 0.00	39.04 0.21 0.00	36.73 0.38 0.00	35.16 0.57 0.00	35.19 0.38 0.00	47.13 0.40 -4.56	45.61 0.37 -8.49	38.80 0.77 0.00	44.40 1.28 0.00	54.21 2.14 0.00	48.18 1.63 0.00	36.83 0.93 0.00	32.39 0.83 0.00
INDECK___CORINTH 23802	32.69 1.28 0.00	31.14 1.23 0.00	31.35 1.31 0.00	31.04 1.29 0.00	27.55 1.15 0.00	31.92 1.33 0.00	36.22 1.67 0.00	41.34 2.09 0.00	38.40 1.79 0.00	37.30 1.49 0.00	36.74 1.38 0.00	41.99 1.54 0.00	40.34 1.51 0.00	37.67 1.32 0.00	35.85 1.26 0.00	36.23 1.42 0.00	44.41 2.24 0.00	38.65 1.91 0.00	40.05 2.02 0.00	45.43 2.31 0.00	54.78 2.71 0.00	48.95 2.40 0.00	37.57 1.67 0.00	32.88 1.32 0.00
INDECK___ILION 23567	32.56 1.16 0.00	31.05 1.13 0.00	31.04 1.00 0.00	30.79 1.03 0.00	27.33 0.93 0.00	31.69 1.10 0.00	35.81 1.27 0.00	40.71 1.46 0.00	37.58 0.97 0.00	36.71 0.89 0.00	36.53 1.18 0.00	41.76 1.31 0.00	39.91 1.08 0.00	37.06 0.71 0.00	35.14 0.55 0.00	35.72 0.91 0.00	43.96 1.78 0.00	38.14 1.40 0.00	39.44 1.41 0.00	44.61 1.49 0.00	53.91 1.84 0.00	48.18 1.63 0.00	37.05 1.16 0.00	32.44 0.88 0.00
INDECK___OLEAN 23982	30.12 -1.20 0.09	28.75 -1.16 0.00	28.91 -1.13 0.00	28.60 -1.15 0.00	25.35 -1.05 0.00	29.48 -1.11 0.00	33.42 -1.13 0.00	37.90 -1.35 0.00	35.38 -1.23 0.00	34.58 -1.23 0.00	34.08 -1.28 0.00	39.33 -1.12 0.00	37.72 -1.12 0.00	35.60 -0.74 0.00	33.57 -1.02 0.00	33.76 -1.05 0.00	39.44 -1.48 1.26	33.12 -1.28 2.35	36.55 -1.48 0.00	41.76 -1.36 0.00	51.17 -0.90 0.00	45.52 -1.03 0.00	34.62 -1.27 0.00	30.51 -1.05 0.00
INDECK___OSWEGO 23783	30.60 -0.81 0.00	29.15 -0.77 0.00	29.28 -0.76 0.00	29.00 -0.75 0.00	25.73 -0.67 0.00	29.82 -0.77 0.00	33.62 -0.93 0.00	38.05 -1.20 0.00	35.51 -1.09 0.00	34.74 -1.06 0.00	34.32 -1.03 0.00	39.24 -1.21 0.00	37.61 -1.22 0.00	35.20 -1.15 0.00	33.49 -1.11 0.00	33.69 -1.12 0.00	40.74 -1.44 0.00	35.52 -1.22 0.00	36.77 -1.26 0.00	41.71 -1.41 0.00	50.41 -1.66 0.00	45.01 -1.54 0.00	34.75 -1.15 0.00	30.72 -0.83 0.00
INDECK___YERKES 23781	29.75 -1.56 0.09	28.44 -1.48 0.00	28.60 -1.44 0.00	28.22 -1.54 0.00	25.01 -1.39 0.00	29.11 -1.48 0.00	32.96 -1.58 0.00	37.51 -1.74 0.00	35.18 -1.43 0.00	34.34 -1.47 0.00	33.83 -1.53 0.00	38.91 -1.54 0.00	37.21 -1.62 0.00	35.22 -1.13 0.00	33.28 -1.32 0.00	33.48 -1.32 0.00	38.76 -2.06 1.36	32.39 -1.82 2.54	36.16 -1.87 0.00	41.41 -1.72 0.00	50.55 -1.52 0.00	45.15 -1.39 0.00	34.60 -1.30 0.00	30.52 -1.03 0.00
INDIAN POINT_GT_1 24139	32.69 1.29 0.00	31.06 1.15 0.00	31.13 1.08 0.00	30.75 0.99 0.00	27.31 0.91 0.00	31.65 1.06 0.00	35.79 1.24 0.00	40.76 1.51 0.00	38.03 1.43 0.00	37.32 1.51 0.00	37.03 1.68 0.00	42.43 1.98 0.00	40.92 2.08 0.00	38.14 1.79 0.00	36.13 1.54 0.00	36.39 1.58 0.00	44.17 2.00 0.00	38.56 1.82 0.00	39.73 1.70 0.00	44.84 1.71 0.00	54.20 2.13 0.00	48.24 1.70 0.00	37.14 1.25 0.00	32.64 1.08 0.00
INDIAN POINT_GT_2 23659	32.69 1.29 0.00	31.06 1.15 0.00	31.13 1.08 0.00	30.75 0.99 0.00	27.31 0.91 0.00	31.65 1.06 0.00	35.79 1.24 0.00	40.76 1.51 0.00	38.03 1.43 0.00	37.32 1.51 0.00	37.03 1.68 0.00	42.43 1.98 0.00	40.92 2.08 0.00	38.14 1.79 0.00	36.13 1.54 0.00	36.39 1.58 0.00	44.17 2.00 0.00	38.56 1.82 0.00	39.73 1.70 0.00	44.84 1.71 0.00	54.20 2.13 0.00	48.24 1.70 0.00	37.14 1.25 0.00	32.64 1.08 0.00
INDIAN POINT_GT_3 24019	32.69 1.29 0.00	31.06 1.15 0.00	31.13 1.08 0.00	30.75 0.99 0.00	27.31 0.91 0.00	31.65 1.06 0.00	35.79 1.24 0.00	40.76 1.51 0.00	38.03 1.43 0.00	37.32 1.51 0.00	37.03 1.68 0.00	42.43 1.98 0.00	40.92 2.08 0.00	38.14 1.79 0.00	36.13 1.54 0.00	36.39 1.58 0.00	44.17 2.00 0.00	38.56 1.82 0.00	39.73 1.70 0.00	44.84 1.71 0.00	54.20 2.13 0.00	48.24 1.70 0.00	37.14 1.25 0.00	32.64 1.08 0.00
INDIAN POINT___2 23530	32.78 1.38 0.00	31.14 1.23 0.00	31.16 1.12 0.00	30.74 0.98 0.00	27.30 0.91 0.00	31.65 1.06 0.00	35.79 1.24 0.00	40.76 1.51 0.00	38.02 1.41 0.00	37.30 1.49 0.00	37.02 1.66 0.00	42.42 1.97 0.00	40.91 2.07 0.00	38.13 1.79 0.00	36.12 1.53 0.00	36.39 1.58 0.00	44.17 1.99 0.00	38.55 1.81 0.00	39.71 1.68 0.00	44.82 1.69 0.00	54.18 2.12 0.00	48.23 1.68 0.00	37.12 1.23 0.00	32.61 1.06 0.00
INDIAN POINT___3 23531	32.64 1.23 0.00	31.01 1.10 0.00	31.10 1.05 0.00	30.74 0.98 0.00	27.30 0.91 0.00	31.65 1.06 0.00	35.78 1.23 0.00	40.75 1.50 0.00	38.01 1.41 0.00	37.29 1.49 0.00	37.01 1.66 0.00	42.41 1.96 0.00	40.90 2.06 0.00	38.13 1.78 0.00	36.11 1.52 0.00	36.38 1.57 0.00	44.15 1.97 0.00	38.54 1.80 0.00	39.71 1.68 0.00	44.82 1.69 0.00	54.18 2.11 0.00	48.22 1.67 0.00	37.12 1.23 0.00	32.62 1.06 0.00
INDIANHD_69_KV_BK1 55831	33.21 1.81 0.00	31.43 1.52 0.00	31.45 1.40 0.00	31.04 1.28 0.00	27.54 1.14 0.00	31.90 1.31 0.00	36.05 1.51 0.00	41.02 1.77 0.00	38.39 1.78 0.00	37.86 2.05 0.00	37.55 2.11 -0.08	46.39 2.68 -3.26	42.24 2.99 -0.42	44.22 2.68 -5.19	36.74 2.14 -0.01	36.44 1.63 0.00	44.16 1.98 0.00	38.85 2.11 0.00	39.98 1.93 -0.02	45.62 2.17 -0.33	54.82 2.75 0.00	48.96 2.32 -0.10	39.12 1.94 -1.28	46.00 1.63 -12.81
INGHAM_C_115KV_TB7 356103	32.56 1.16 0.00	31.05 1.13 0.00	31.04 1.00 0.00	30.79 1.03 0.00	27.33 0.93 0.00	31.69 1.10 0.00	35.81 1.27 0.00	40.71 1.46 0.00	37.58 0.97 0.00	36.71 0.89 0.00	36.53 1.18 0.00	41.76 1.31 0.00	39.91 1.08 0.00	37.06 0.71 0.00	35.14 0.55 0.00	35.72 0.91 0.00	43.96 1.78 0.00	38.14 1.40 0.00	39.44 1.41 0.00	44.61 1.49 0.00	53.91 1.84 0.00	48.18 1.63 0.00	37.05 1.16 0.00	32.44 0.88 0.00
IP CORINTH___1 23988	32.69 1.29 0.00	31.14 1.23 0.00	31.36 1.31 0.00	31.04 1.29 0.00	27.55 1.15 0.00	31.92 1.33 0.00	36.22 1.67 0.00	41.34 2.09 0.00	38.40 1.79 0.00	37.30 1.49 0.00	36.73 1.38 0.00	41.99 1.54 0.00	40.34 1.50 0.00	37.67 1.32 0.00	35.85 1.26 0.00	36.24 1.43 0.00	44.42 2.24 0.00	38.66 1.91 0.00	40.05 2.03 0.00	45.44 2.31 0.00	54.77 2.71 0.00	48.95 2.41 0.00	37.57 1.67 0.00	32.88 1.32 0.00

IP___TICONDEROGA 23804	33.62 2.22 0.00	32.06 2.15 0.00	32.28 2.24 0.00	31.82 2.06 0.00	28.39 1.99 0.00	33.19 2.60 0.00	37.78 3.23 0.00	43.24 3.99 0.00	40.19 3.58 0.00	38.96 3.15 0.00	37.98 2.63 0.00	43.22 2.77 0.00	41.59 2.76 0.00	38.78 2.44 0.00	37.13 2.54 0.00	37.64 2.83 0.00	46.06 3.88 0.00	40.12 3.38 0.00	41.40 3.38 0.00	47.07 3.94 0.00	56.63 4.56 0.00	50.79 4.24 0.00	38.74 2.84 0.00	33.68 2.12 0.00
ISLIP_RES_REC 323679	33.46 2.05 0.00	31.65 1.73 0.00	31.66 1.61 0.00	31.24 1.49 0.00	27.72 1.33 0.00	32.11 1.52 0.00	36.29 1.75 0.00	41.26 2.01 0.00	38.67 2.06 0.00	38.14 2.33 0.00	37.76 2.32 -0.08	46.71 3.00 -3.26	42.60 3.35 -0.42	44.55 3.00 -5.21	37.04 2.44 -0.01	36.70 1.89 0.00	44.50 2.32 0.00	39.23 2.49 0.00	40.44 2.30 -0.11	47.79 2.61 -2.05	55.38 3.31 0.00	49.49 2.84 -0.10	39.49 2.31 -1.29	46.32 1.91 -12.85
JAMAICA__27_KV_LOAD 355505	32.84 1.43 0.00	31.21 1.30 0.00	31.25 1.22 0.01	30.91 1.15 0.00	27.49 1.09 0.00	31.88 1.29 0.00	36.00 1.46 0.01	41.01 1.77 0.01	38.26 1.66 0.01	37.57 1.77 0.01	37.29 1.94 0.01	42.76 2.31 0.00	41.24 2.41 0.00	38.40 2.06 0.01	36.37 1.79 0.00	36.61 1.81 0.00	44.43 2.25 0.01	38.83 2.09 0.01	39.99 1.96 0.00	45.06 1.95 0.01	54.49 2.44 0.02	48.49 1.95 0.00	37.41 1.52 0.00	32.75 1.20 0.00
JANIS___SOLAR 323808	32.46 1.03 -0.02	30.88 0.97 0.00	30.95 0.91 0.00	30.63 0.86 0.00	27.21 0.82 0.00	31.71 1.12 0.00	36.01 1.46 0.00	40.86 1.61 0.00	38.01 1.41 0.00	36.99 1.18 0.00	36.41 1.05 0.00	41.57 1.12 0.00	39.73 0.89 0.00	37.28 0.93 0.00	35.32 0.73 0.00	35.77 0.96 0.00	43.67 1.19 -0.30	38.42 1.13 -0.55	39.41 1.38 0.00	44.83 1.70 0.00	54.49 2.42 0.00	48.47 1.92 0.00	37.08 1.19 0.00	32.53 0.97 0.00
JARVIS____ 23743	31.44 0.04 0.00	29.94 0.03 0.00	30.08 0.03 0.00	29.79 0.03 0.00	26.42 0.03 0.00	30.62 0.03 0.00	34.58 0.03 0.00	39.29 0.04 0.00	36.62 0.01 0.00	35.83 0.02 0.00	35.39 0.04 0.00	40.50 0.06 0.00	38.89 0.06 0.00	36.37 0.02 0.00	34.59 0.00 0.00	34.84 0.03 0.00	42.26 0.08 0.00	36.81 0.06 0.00	38.07 0.04 0.00	43.13 0.00 0.00	52.07 0.00 0.00	46.54 0.00 0.00	35.89 -0.01 0.00	31.56 0.01 0.00
JENNISON___1 23625	32.57 1.17 0.00	31.00 1.09 0.00	31.02 0.98 0.00	30.69 0.93 0.00	27.24 0.84 0.00	31.76 1.17 0.00	36.06 1.51 0.00	40.96 1.71 0.00	38.13 1.52 0.00	37.20 1.39 0.00	36.75 1.39 0.00	42.13 1.68 0.00	40.18 1.35 0.00	37.64 1.29 0.00	35.70 1.11 0.00	35.99 1.18 0.00	43.70 1.53 0.00	38.14 1.40 0.00	39.55 1.52 0.00	44.85 1.73 0.00	54.51 2.44 0.00	48.57 2.03 0.00	37.16 1.26 0.00	32.57 1.01 0.00
JENNISON___2 23626	32.57 1.17 0.00	31.00 1.09 0.00	31.02 0.98 0.00	30.69 0.93 0.00	27.24 0.84 0.00	31.76 1.17 0.00	36.06 1.51 0.00	40.96 1.71 0.00	38.13 1.52 0.00	37.20 1.39 0.00	36.75 1.39 0.00	42.13 1.68 0.00	40.18 1.35 0.00	37.64 1.29 0.00	35.70 1.11 0.00	35.99 1.18 0.00	43.70 1.53 0.00	38.14 1.40 0.00	39.55 1.52 0.00	44.85 1.73 0.00	54.51 2.44 0.00	48.57 2.03 0.00	37.16 1.26 0.00	32.57 1.01 0.00
JERICHO_RISE_WT_PWR 323719	31.47 0.06 0.00	29.98 0.06 0.00	30.08 0.04 0.00	29.79 0.03 0.00	26.43 0.03 0.00	30.66 0.07 0.00	34.72 0.17 0.00	39.56 0.31 0.00	36.92 0.31 0.00	36.11 0.30 0.00	35.49 0.14 0.00	40.64 0.20 0.00	38.96 0.12 0.00	36.61 0.26 0.00	34.92 0.33 0.00	35.07 0.27 0.00	42.47 0.29 0.00	37.01 0.27 0.00	38.39 0.36 0.00	43.67 0.54 0.00	52.75 0.68 0.00	47.22 0.67 0.00	36.33 0.44 0.00	31.72 0.16 0.00
KATONAH__115KV_46KV_TB4 355592	32.77 1.37 0.00	31.13 1.22 0.00	31.21 1.17 0.00	30.84 1.09 0.00	27.39 1.00 0.00	31.75 1.16 0.00	35.90 1.35 0.00	40.92 1.67 0.00	38.19 1.58 0.00	37.44 1.63 0.00	37.14 1.78 0.00	42.55 2.10 0.00	41.04 2.21 0.00	38.27 1.92 0.00	36.26 1.67 0.00	36.51 1.70 0.00	44.32 2.14 0.00	38.71 1.97 0.00	39.91 1.88 0.00	45.04 1.92 0.00	54.43 2.36 0.00	48.45 1.90 0.00	37.29 1.40 0.00	32.76 1.21 0.00
KCE_NY_1 323755	32.59 1.19 0.00	31.01 1.10 0.00	31.18 1.14 0.00	30.91 1.15 0.00	27.41 1.01 0.00	31.77 1.18 0.00	35.97 1.43 0.00	40.98 1.74 0.00	38.08 1.48 0.00	37.17 1.36 0.00	36.72 1.36 0.00	42.03 1.58 0.00	40.35 1.52 0.00	37.66 1.31 0.00	35.80 1.21 0.00	36.20 1.38 0.00	44.08 1.90 0.00	38.36 1.61 0.00	39.69 1.67 0.00	44.99 1.87 0.00	54.25 2.18 0.00	48.48 1.94 0.00	37.30 1.41 0.00	32.71 1.15 0.00
KCE_NY_6_ESR 323823	29.47 -1.83 0.11	28.16 -1.76 0.00	28.33 -1.71 0.00	27.98 -1.78 0.00	24.78 -1.62 0.00	28.88 -1.70 0.00	32.70 -1.85 0.00	37.16 -2.09 0.00	34.92 -1.69 0.00	34.08 -1.72 0.00	33.53 -1.83 0.00	38.59 -1.85 0.00	36.92 -1.91 0.00	34.94 -1.41 0.00	33.01 -1.58 0.00	33.15 -1.66 0.00	38.21 -2.38 1.59	31.67 -2.10 2.97	35.85 -2.17 0.00	41.10 -2.02 0.00	50.21 -1.86 0.00	44.86 -1.69 0.00	34.32 -1.57 0.00	30.29 -1.27 0.00
KEDC_PORT_JEFF_GT2 24210	33.29 1.89 0.00	31.49 1.58 0.00	31.51 1.46 0.00	31.10 1.34 0.00	27.58 1.18 0.00	31.90 1.31 0.00	36.02 1.47 0.00	40.92 1.67 0.00	38.33 1.72 0.00	37.83 2.03 0.00	37.49 2.06 -0.08	46.39 2.70 -3.24	42.31 3.07 -0.42	44.27 2.75 -5.17	36.82 2.22 -0.01	36.45 1.64 0.00	44.28 2.11 0.00	39.00 2.26 0.00	40.20 2.06 -0.11	47.44 2.32 -2.00	55.01 2.95 0.00	49.16 2.52 -0.10	39.25 2.07 -1.28	46.03 1.72 -12.75
KEDC_PORT_JEFF_GT3 24211	33.29 1.89 0.00	31.49 1.58 0.00	31.51 1.46 0.00	31.10 1.34 0.00	27.58 1.18 0.00	31.90 1.31 0.00	36.02 1.47 0.00	40.92 1.67 0.00	38.33 1.72 0.00	37.83 2.03 0.00	37.49 2.06 -0.08	46.39 2.70 -3.24	42.31 3.07 -0.42	44.27 2.75 -5.17	36.82 2.22 -0.01	36.45 1.64 0.00	44.28 2.11 0.00	39.00 2.26 0.00	40.20 2.06 -0.11	47.44 2.32 -2.00	55.01 2.95 0.00	49.16 2.52 -0.10	39.25 2.07 -1.28	46.03 1.72 -12.75
KEDC_GLWD_GT4 24219	33.12 1.71 0.00	31.42 1.51 0.00	31.46 1.42 0.00	31.08 1.32 0.00	27.60 1.20 0.00	32.00 1.41 0.00	36.20 1.66 0.00	41.25 2.00 0.00	38.53 1.92 0.00	37.86 2.05 0.00	37.67 2.19 -0.13	48.24 2.62 -5.17	42.24 2.74 -0.66	47.00 2.40 -8.25	36.62 2.02 -0.01	36.74 1.93 0.00	44.57 2.39 0.00	38.88 2.14 0.00	40.05 2.02 0.00	45.24 2.11 0.00	54.67 2.60 0.00	48.86 2.15 -0.16	39.68 1.75 -2.04	53.42 1.50 -20.36
KEDC_GLWD_GT5 24220	33.12 1.71 0.00	31.42 1.51 0.00	31.46 1.42 0.00	31.08 1.32 0.00	27.60 1.20 0.00	32.00 1.41 0.00	36.20 1.66 0.00	41.25 2.00 0.00	38.53 1.92 0.00	37.86 2.05 0.00	37.67 2.19 -0.13	48.24 2.62 -5.17	42.24 2.74 -0.66	47.00 2.40 -8.25	36.62 2.02 -0.01	36.74 1.93 0.00	44.57 2.39 0.00	38.88 2.14 0.00	40.05 2.02 0.00	45.24 2.11 0.00	54.67 2.60 0.00	48.86 2.15 -0.16	39.68 1.75 -2.04	53.42 1.50 -20.36

KENSICO____ 23655	32.77 1.37 0.00	31.13 1.22 0.00	31.19 1.15 0.00	30.82 1.06 0.00	27.37 0.97 0.00	31.72 1.13 0.00	35.86 1.31 0.00	40.86 1.61 0.00	38.12 1.52 0.00	37.42 1.61 0.00	37.14 1.78 0.00	42.55 2.11 0.00	41.03 2.20 0.00	38.25 1.91 0.00	36.23 1.64 0.00	36.48 1.67 0.00	44.27 2.10 0.00	38.66 1.92 0.00	39.83 1.80 0.00	44.95 1.82 0.00	54.32 2.25 0.00	48.34 1.80 0.00	37.23 1.33 0.00	32.71 1.15 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	32.98 1.58 0.00	31.32 1.41 0.00	31.41 1.37 0.00	31.05 1.29 0.00	27.57 1.17 0.00	31.99 1.40 0.00	36.22 1.67 0.00	41.24 1.99 0.00	38.45 1.84 0.00	37.53 1.72 0.00	37.08 1.72 0.00	42.55 2.10 0.00	40.89 2.05 0.00	38.23 1.88 0.00	36.36 1.77 0.00	36.72 1.91 0.00	44.56 2.38 0.00	38.89 2.15 0.00	40.15 2.12 0.00	45.40 2.27 0.00	54.96 2.89 0.00	48.91 2.37 0.00	37.61 1.72 0.00	33.02 1.46 0.00
KIAC_JFK_GT1 23816	32.66 1.25 0.00	31.03 1.13 0.00	31.08 1.05 0.01	30.74 0.99 0.00	27.35 0.95 0.00	31.70 1.12 0.00	35.78 1.24 0.01	40.76 1.52 0.01	38.03 1.44 0.01	37.35 1.55 0.01	37.08 1.73 0.01	42.51 2.07 0.00	41.01 2.18 0.00	38.19 1.85 0.01	36.17 1.58 0.00	36.42 1.62 0.00	44.19 2.02 0.01	38.62 1.88 0.01	39.75 1.73 0.00	44.80 1.68 0.01	54.17 2.11 0.02	48.18 1.64 0.00	37.20 1.30 0.00	32.56 1.01 0.00
KIAC_JFK_GT2 23817	32.66 1.25 0.00	31.03 1.13 0.00	31.08 1.05 0.01	30.74 0.99 0.00	27.35 0.95 0.00	31.70 1.12 0.00	35.78 1.24 0.01	40.76 1.52 0.01	38.03 1.44 0.01	37.35 1.55 0.01	37.08 1.73 0.01	42.51 2.07 0.00	41.01 2.18 0.00	38.19 1.85 0.01	36.17 1.58 0.00	36.42 1.62 0.00	44.19 2.02 0.01	38.62 1.88 0.01	39.75 1.73 0.00	44.80 1.68 0.01	54.17 2.11 0.02	48.18 1.64 0.00	37.20 1.30 0.00	32.56 1.01 0.00
KIAC_JFK____ 323774	32.66 1.26 0.00	31.03 1.12 0.00	31.08 1.05 0.01	30.74 0.99 0.00	27.35 0.95 0.00	31.70 1.12 0.00	35.78 1.24 0.01	40.76 1.52 0.01	38.04 1.44 0.01	37.35 1.55 0.01	37.08 1.73 0.01	42.51 2.07 0.00	41.00 2.18 0.00	38.18 1.84 0.01	36.16 1.58 0.00	36.42 1.61 0.00	44.19 2.02 0.01	38.62 1.88 0.01	39.76 1.73 0.00	44.80 1.68 0.01	54.17 2.11 0.02	48.18 1.64 0.00	37.19 1.30 0.00	32.56 1.01 0.00
KINTIGH_24_KV_GSU 356498	29.52 -1.83 0.06	28.16 -1.76 0.00	28.31 -1.73 0.00	27.98 -1.78 0.00	24.81 -1.59 0.00	28.84 -1.75 0.00	32.59 -1.96 0.00	37.00 -2.25 0.00	34.67 -1.94 0.00	33.82 -1.99 0.00	33.29 -2.06 0.00	38.26 -2.19 0.00	36.65 -2.18 0.00	34.59 -1.76 0.00	32.72 -1.87 0.00	32.92 -1.89 0.00	38.69 -2.64 0.85	32.78 -2.37 1.59	35.61 -2.42 0.00	40.77 -2.35 0.00	49.71 -2.36 0.00	44.41 -2.13 0.00	34.06 -1.84 0.00	30.05 -1.51 0.00
KINTIGH____ 23543	29.50 -1.85 0.06	28.14 -1.77 0.00	28.30 -1.74 0.00	27.97 -1.79 0.00	24.80 -1.60 0.00	28.82 -1.77 0.00	32.57 -1.97 0.00	36.97 -2.27 0.00	34.64 -1.96 0.00	33.80 -2.01 0.00	33.28 -2.08 0.00	38.25 -2.20 0.00	36.63 -2.20 0.00	34.57 -1.78 0.00	32.71 -1.88 0.00	32.90 -1.91 0.00	38.67 -2.65 0.85	32.76 -2.39 1.59	35.60 -2.42 0.00	40.74 -2.38 0.00	49.69 -2.38 0.00	44.39 -2.16 0.00	34.04 -1.86 0.00	30.04 -1.52 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	31.86 0.46 0.00	30.35 0.43 0.00	30.43 0.39 0.00	30.14 0.38 0.00	26.77 0.37 0.00	31.04 0.46 0.00	35.18 0.63 0.00	40.05 0.81 0.00	37.35 0.74 0.00	36.56 0.75 0.00	35.87 0.51 0.00	40.98 0.53 0.00	39.35 0.51 0.00	37.04 0.69 0.00	35.33 0.75 0.00	35.49 0.68 0.00	42.99 0.81 0.00	37.46 0.72 0.00	38.83 0.80 0.00	44.20 1.08 0.00	53.49 1.43 0.00	47.84 1.30 0.00	36.80 0.91 0.00	32.09 0.53 0.00
LACHUTE____HYDRO 323717	33.63 2.22 0.00	32.06 2.15 0.00	32.29 2.25 0.00	31.82 2.06 0.00	28.38 1.99 0.00	33.19 2.60 0.00	37.78 3.23 0.00	43.24 4.00 0.00	40.19 3.58 0.00	38.96 3.15 0.00	37.98 2.63 0.00	43.22 2.77 0.00	41.59 2.76 0.00	38.78 2.44 0.00	37.13 2.54 0.00	37.64 2.83 0.00	46.06 3.88 0.00	40.12 3.38 0.00	41.40 3.38 0.00	47.07 3.94 0.00	56.62 4.56 0.00	50.79 4.24 0.00	38.74 2.84 0.00	33.68 2.12 0.00
LAWRNCV_115KV_TB1 80681	31.49 0.09 0.00	30.01 0.09 0.00	30.14 0.10 0.00	29.89 0.13 0.00	26.52 0.12 0.00	30.75 0.17 0.00	34.82 0.28 0.00	39.68 0.43 0.00	37.00 0.40 0.00	36.14 0.33 0.00	35.49 0.13 0.00	40.48 0.03 0.00	38.87 0.04 0.00	36.54 0.19 0.00	34.88 0.29 0.00	35.02 0.21 0.00	42.38 0.20 0.00	36.98 0.24 0.00	38.42 0.39 0.00	43.31 0.18 0.00	51.93 -0.14 0.00	46.50 -0.05 0.00	35.92 0.03 0.00	31.41 -0.15 0.00
LEDERLE____ 23769	32.75 1.35 0.00	31.11 1.20 0.00	31.22 1.18 0.00	30.88 1.12 0.00	27.42 1.02 0.00	31.80 1.21 0.00	35.98 1.43 0.00	40.98 1.73 0.00	38.22 1.61 0.00	37.50 1.70 0.00	37.22 1.87 0.00	42.66 2.22 0.00	41.13 2.30 0.00	38.35 2.01 0.00	36.33 1.74 0.00	36.63 1.82 0.00	44.45 2.28 0.00	38.79 2.05 0.00	39.95 1.92 0.00	45.09 1.97 0.00	54.52 2.45 0.00	48.53 1.98 0.00	37.32 1.43 0.00	32.77 1.22 0.00
LIGHTHSE_115KV_TB6 355974	30.78 -0.63 0.00	29.35 -0.56 0.00	29.55 -0.49 0.00	29.33 -0.43 0.00	25.99 -0.41 0.00	30.14 -0.45 0.00	34.05 -0.50 0.00	38.57 -0.68 0.00	35.98 -0.63 0.00	35.27 -0.54 0.00	34.79 -0.57 0.00	39.62 -0.83 0.00	37.85 -0.98 0.00	35.47 -0.88 0.00	33.73 -0.86 0.00	33.88 -0.93 0.00	41.04 -1.13 0.00	35.78 -0.96 0.00	37.05 -0.98 0.00	42.09 -1.03 0.00	50.89 -1.18 0.00	45.41 -1.13 0.00	34.99 -0.91 0.00	30.96 -0.60 0.00
LINDEN COGEN____ 23786	32.72 1.31 0.00	31.09 1.18 0.00	31.17 1.12 0.00	30.80 1.04 0.00	27.38 0.98 0.00	31.73 1.14 0.00	35.86 1.32 0.00	40.87 1.62 0.00	38.14 1.53 0.00	37.45 1.64 0.00	37.17 1.82 0.00	42.62 2.17 0.00	41.12 2.29 0.00	38.31 1.96 0.00	36.29 1.70 0.00	36.54 1.73 0.00	44.37 2.19 0.00	38.79 2.05 0.00	39.92 1.90 0.00	44.99 1.87 0.00	54.45 2.38 0.00	48.38 1.83 0.00	37.23 1.34 0.00	32.69 1.13 0.00
LINDHRST_69_KV_BK1 356055	33.55 2.14 0.00	31.77 1.85 0.00	31.78 1.74 0.00	31.36 1.61 0.00	27.84 1.45 0.00	32.30 1.72 0.00	36.56 2.01 0.00	41.66 2.41 0.00	38.98 2.37 0.00	38.35 2.54 0.00	38.07 2.62 -0.09	47.34 3.19 -3.70	42.69 3.38 -0.48	45.28 3.03 -5.90	37.05 2.46 -0.01	36.90 2.09 0.00	44.83 2.65 0.00	39.32 2.57 0.00	40.58 2.53 -0.02	46.41 2.80 -0.48	55.58 3.51 0.00	49.61 2.94 -0.12	39.69 2.34 -1.46	48.09 1.96 -14.57
LIPA_MISC_IPP 23656	33.26 1.86 0.00	31.47 1.56 0.00	31.48 1.44 0.00	31.07 1.31 0.00	27.58 1.18 0.00	31.93 1.34 0.00	36.08 1.54 0.00	41.01 1.76 0.00	38.46 1.85 0.00	37.94 2.13 0.00	37.43 2.00 -0.08	46.27 2.60 -3.23	42.29 3.05 -0.42	44.27 2.78 -5.15	36.89 2.29 -0.01	36.59 1.78 0.00	44.34 2.16 0.00	39.08 2.33 0.00	40.26 2.10 -0.13	47.94 2.41 -2.41	55.13 3.06 0.00	49.32 2.67 -0.10	39.35 2.18 -1.27	46.08 1.83 -12.70

LISF___SOLAR 323691	33.32 1.92 0.00	31.52 1.61 0.00	31.53 1.49 0.00	31.12 1.36 0.00	27.62 1.22 0.00	31.98 1.39 0.00	36.15 1.60 0.00	41.08 1.83 0.00	38.52 1.91 0.00	38.00 2.19 0.00	37.49 2.06 -0.08	46.37 2.69 -3.23	42.37 3.12 -0.42	44.35 2.85 -5.16	36.93 2.34 -0.01	36.61 1.81 0.00	44.36 2.19 0.00	39.13 2.38 0.00	40.32 2.17 -0.12	47.95 2.49 -2.34	55.27 3.20 0.00	49.42 2.77 -0.10	39.42 2.25 -1.27	46.16 1.89 -12.72
LITTLE FALLS___HYD 24013	32.56 1.16 0.00	31.05 1.13 0.00	31.04 1.00 0.00	30.79 1.03 0.00	27.33 0.93 0.00	31.69 1.10 0.00	35.81 1.27 0.00	40.71 1.46 0.00	37.58 0.97 0.00	36.71 0.89 0.00	36.53 1.18 0.00	41.76 1.31 0.00	39.91 1.08 0.00	37.06 0.71 0.00	35.14 0.55 0.00	35.72 0.91 0.00	43.96 1.78 0.00	38.14 1.40 0.00	39.44 1.41 0.00	44.61 1.49 0.00	53.91 1.84 0.00	48.18 1.63 0.00	37.05 1.16 0.00	32.44 0.88 0.00
LITTLRIV_115KV_TB1 356100	31.40 -0.01 0.00	29.93 0.02 0.00	30.10 0.06 0.00	29.89 0.13 0.00	26.54 0.14 0.00	30.82 0.23 0.00	34.98 0.44 0.00	39.82 0.58 0.00	37.02 0.41 0.00	36.06 0.25 0.00	35.23 -0.13 0.00	39.88 -0.57 0.00	38.25 -0.58 0.00	35.96 -0.39 0.00	34.30 -0.29 0.00	34.31 -0.50 0.00	41.38 -0.80 0.00	36.43 -0.31 0.00	37.97 -0.06 0.00	43.43 0.30 0.00	52.61 0.54 0.00	47.11 0.57 0.00	36.36 0.47 0.00	31.76 0.20 0.00
LI_NEWBRDGE___DRP 323616	32.96 1.55 0.00	31.24 1.33 0.00	31.28 1.23 0.00	30.88 1.12 0.00	27.42 1.03 0.00	31.79 1.20 0.00	35.95 1.40 0.00	40.94 1.69 0.00	38.26 1.65 0.00	37.63 1.82 0.00	37.34 1.91 -0.07	45.83 2.36 -3.03	41.76 2.54 -0.39	43.42 2.24 -4.83	36.41 1.82 -0.01	36.38 1.58 0.00	44.12 1.95 0.00	38.66 1.92 0.00	39.80 1.77 0.00	45.00 1.88 0.00	54.40 2.32 0.00	48.56 1.92 -0.10	38.65 1.56 -1.19	44.79 1.32 -11.92
LOCKPORT_115KV_TB60_63_64 80432	29.11 -2.22 0.08	27.80 -2.11 0.00	27.98 -2.07 0.00	27.62 -2.14 0.00	24.50 -1.89 0.00	28.50 -2.09 0.00	32.22 -2.32 0.00	36.59 -2.65 0.00	34.36 -2.25 0.00	33.48 -2.33 0.00	32.98 -2.37 0.00	37.92 -2.53 0.00	36.29 -2.55 0.00	34.33 -2.02 0.00	32.44 -2.15 0.00	32.65 -2.16 0.00	37.97 -3.08 1.13	31.93 -2.70 2.11	35.21 -2.82 0.00	40.35 -2.78 0.00	49.26 -2.81 0.00	44.06 -2.49 0.00	33.80 -2.10 0.00	29.86 -1.70 0.00
LOCKPORT___CC1 323769	29.10 -2.23 0.08	27.79 -2.12 0.00	27.96 -2.08 0.00	27.61 -2.15 0.00	24.48 -1.92 0.00	28.48 -2.11 0.00	32.19 -2.35 0.00	36.56 -2.69 0.00	34.32 -2.28 0.00	33.46 -2.35 0.00	32.95 -2.41 0.00	37.87 -2.58 0.00	36.24 -2.59 0.00	34.29 -2.06 0.00	32.40 -2.19 0.00	32.61 -2.20 0.00	37.86 -3.12 1.20	31.75 -2.75 2.25	35.18 -2.85 0.00	40.32 -2.80 0.00	49.23 -2.84 0.00	44.03 -2.52 0.00	33.78 -2.12 0.00	29.84 -1.72 0.00
LOCKPORT___CC2 323770	29.10 -2.23 0.08	27.79 -2.12 0.00	27.96 -2.08 0.00	27.61 -2.15 0.00	24.48 -1.92 0.00	28.48 -2.11 0.00	32.19 -2.35 0.00	36.56 -2.69 0.00	34.32 -2.28 0.00	33.46 -2.35 0.00	32.95 -2.41 0.00	37.87 -2.58 0.00	36.24 -2.59 0.00	34.29 -2.06 0.00	32.40 -2.19 0.00	32.61 -2.20 0.00	37.86 -3.12 1.20	31.75 -2.75 2.25	35.18 -2.85 0.00	40.32 -2.80 0.00	49.23 -2.84 0.00	44.03 -2.52 0.00	33.78 -2.12 0.00	29.84 -1.72 0.00
LOCKPORT___CC3 323771	29.10 -2.23 0.08	27.79 -2.12 0.00	27.96 -2.08 0.00	27.61 -2.15 0.00	24.48 -1.92 0.00	28.48 -2.11 0.00	32.19 -2.35 0.00	36.56 -2.69 0.00	34.32 -2.28 0.00	33.46 -2.35 0.00	32.95 -2.41 0.00	37.87 -2.58 0.00	36.24 -2.59 0.00	34.29 -2.06 0.00	32.40 -2.19 0.00	32.61 -2.20 0.00	37.86 -3.12 1.20	31.75 -2.75 2.25	35.18 -2.85 0.00	40.32 -2.80 0.00	49.23 -2.84 0.00	44.03 -2.52 0.00	33.78 -2.12 0.00	29.84 -1.72 0.00
LOCUSVLY_69_KV_BK2 55797	33.21 1.80 0.00	31.49 1.58 0.00	31.52 1.48 0.00	31.13 1.38 0.00	27.65 1.25 0.00	32.06 1.47 0.00	36.27 1.73 0.00	41.32 2.07 0.00	38.62 2.01 0.00	37.98 2.17 0.00	37.76 2.29 -0.11	47.88 2.77 -4.66	42.33 2.90 -0.60	46.35 2.56 -7.44	36.72 2.12 -0.01	36.76 1.95 0.00	44.60 2.42 0.00	39.02 2.27 0.00	40.15 2.14 0.02	44.96 2.27 0.43	54.87 2.80 0.00	49.02 2.33 -0.14	39.61 1.88 -1.84	51.51 1.59 -18.36
LONG_LAKE_PHOENIX 24014	30.58 -0.83 0.00	29.13 -0.79 0.00	29.25 -0.79 0.00	28.97 -0.79 0.00	25.70 -0.70 0.00	29.80 -0.79 0.00	33.61 -0.94 0.00	38.06 -1.19 0.00	35.55 -1.06 0.00	34.78 -1.03 0.00	34.37 -0.99 0.00	39.28 -1.17 0.00	37.61 -1.22 0.00	35.23 -1.12 0.00	33.50 -1.09 0.00	33.71 -1.10 0.00	40.75 -1.43 0.00	35.55 -1.19 0.00	36.79 -1.24 0.00	41.74 -1.38 0.00	50.44 -1.63 0.00	45.02 -1.53 0.00	34.73 -1.17 0.00	30.68 -0.88 0.00
LOVETT___3 23632	32.60 1.19 0.00	30.97 1.06 0.00	31.07 1.03 0.00	30.72 0.96 0.00	27.28 0.89 0.00	31.63 1.04 0.00	35.77 1.22 0.00	40.72 1.47 0.00	37.98 1.38 0.00	37.28 1.47 0.00	37.00 1.64 0.00	42.40 1.95 0.00	40.88 2.04 0.00	38.12 1.77 0.00	36.10 1.52 0.00	36.38 1.57 0.00	44.15 1.97 0.00	38.52 1.78 0.00	39.69 1.66 0.00	44.78 1.66 0.00	54.14 2.07 0.00	48.20 1.65 0.00	37.09 1.20 0.00	32.59 1.04 0.00
LOVETT___4 23642	32.60 1.19 0.00	30.97 1.06 0.00	31.07 1.03 0.00	30.72 0.96 0.00	27.28 0.89 0.00	31.63 1.04 0.00	35.77 1.22 0.00	40.72 1.47 0.00	37.98 1.38 0.00	37.28 1.47 0.00	37.00 1.64 0.00	42.40 1.95 0.00	40.88 2.04 0.00	38.12 1.77 0.00	36.10 1.52 0.00	36.38 1.57 0.00	44.15 1.97 0.00	38.52 1.78 0.00	39.69 1.66 0.00	44.78 1.66 0.00	54.14 2.07 0.00	48.20 1.65 0.00	37.09 1.20 0.00	32.59 1.04 0.00
LOVETT___5 23593	32.60 1.19 0.00	30.97 1.06 0.00	31.07 1.03 0.00	30.72 0.96 0.00	27.28 0.89 0.00	31.63 1.04 0.00	35.77 1.22 0.00	40.72 1.47 0.00	37.98 1.38 0.00	37.28 1.47 0.00	37.00 1.64 0.00	42.40 1.95 0.00	40.88 2.04 0.00	38.12 1.77 0.00	36.10 1.52 0.00	36.38 1.57 0.00	44.15 1.97 0.00	38.52 1.78 0.00	39.69 1.66 0.00	44.78 1.66 0.00	54.14 2.07 0.00	48.20 1.65 0.00	37.09 1.20 0.00	32.59 1.04 0.00
LOWER RAQUET___HYD 24057	30.97 -0.44 0.00	29.53 -0.38 0.00	29.71 -0.33 0.00	29.51 -0.25 0.00	26.19 -0.21 0.00	30.41 -0.18 0.00	34.51 -0.04 0.00	39.31 0.06 0.00	36.56 -0.05 0.00	35.66 -0.15 0.00	34.90 -0.45 0.00	39.43 -1.02 0.00	37.81 -1.03 0.00	35.54 -0.81 0.00	33.90 -0.69 0.00	33.87 -0.94 0.00	40.82 -1.35 0.00	35.82 -0.92 0.00	37.28 -0.75 0.00	42.68 -0.45 0.00	51.69 -0.38 0.00	46.29 -0.26 0.00	35.77 -0.12 0.00	31.31 -0.25 0.00
LOWER___HUDSON 24059	32.20 0.80 0.00	30.68 0.76 0.00	30.81 0.77 0.00	30.55 0.79 0.00	27.05 0.65 0.00	31.29 0.70 0.00	35.36 0.82 0.00	40.28 1.04 0.00	37.51 0.90 0.00	36.72 0.91 0.00	36.32 0.97 0.00	41.53 1.08 0.00	39.92 1.09 0.00	37.27 0.92 0.00	35.49 0.90 0.00	35.76 0.95 0.00	43.40 1.23 0.00	37.69 0.95 0.00	39.01 0.99 0.00	44.19 1.07 0.00	53.19 1.12 0.00	47.61 1.07 0.00	36.76 0.86 0.00	32.23 0.67 0.00

LOWVILLE_115KV_TB2 356335	31.00 -0.41 0.00	29.76 -0.16 0.00	30.12 0.08 0.00	30.04 0.28 0.00	26.69 0.29 0.00	31.06 0.48 0.00	35.31 0.76 0.00	40.06 0.81 0.00	37.29 0.69 0.00	36.41 0.61 0.00	35.73 0.37 0.00	40.50 0.06 0.00	38.67 -0.16 0.00	36.28 -0.07 0.00	34.48 -0.11 0.00	34.57 -0.24 0.00	41.94 -0.24 0.00	36.96 0.21 0.00	38.39 0.36 0.00	43.68 0.56 0.00	52.69 0.62 0.00	46.98 0.44 0.00	36.06 0.16 0.00	31.69 0.13 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	32.57 1.16 0.00	31.01 1.10 0.00	31.17 1.12 0.00	30.89 1.13 0.00	27.39 0.99 0.00	31.73 1.14 0.00	35.92 1.37 0.00	40.92 1.67 0.00	38.03 1.42 0.00	37.13 1.32 0.00	36.67 1.32 0.00	41.97 1.52 0.00	40.31 1.48 0.00	37.62 1.27 0.00	35.80 1.21 0.00	36.13 1.32 0.00	44.03 1.85 0.00	38.29 1.55 0.00	39.64 1.61 0.00	44.93 1.81 0.00	54.17 2.10 0.00	48.41 1.86 0.00	37.27 1.37 0.00	32.68 1.12 0.00
LUTHERNY_35_KV_BK2 355980	32.59 1.19 0.00	31.01 1.10 0.00	31.19 1.14 0.00	30.91 1.15 0.00	27.41 1.01 0.00	31.77 1.18 0.00	35.97 1.43 0.00	40.98 1.74 0.00	38.08 1.48 0.00	37.17 1.36 0.00	36.72 1.36 0.00	42.03 1.58 0.00	40.35 1.51 0.00	37.66 1.31 0.00	35.80 1.21 0.00	36.19 1.38 0.00	44.08 1.90 0.00	38.36 1.62 0.00	39.69 1.67 0.00	45.00 1.87 0.00	54.25 2.18 0.00	48.48 1.94 0.00	37.30 1.41 0.00	32.71 1.15 0.00
LWR__OSWEGATCHIE_HYD 23850	30.66 -0.75 0.00	29.33 -0.58 0.00	29.60 -0.44 0.00	29.46 -0.29 0.00	26.15 -0.25 0.00	30.39 -0.20 0.00	34.52 -0.02 0.00	39.23 -0.02 0.00	36.50 -0.10 0.00	35.63 -0.18 0.00	34.93 -0.43 0.00	39.47 -0.98 0.00	37.76 -1.08 0.00	35.45 -0.90 0.00	33.76 -0.83 0.00	33.78 -1.03 0.00	40.87 -1.31 0.00	35.91 -0.83 0.00	37.34 -0.69 0.00	42.63 -0.49 0.00	51.56 -0.51 0.00	46.07 -0.48 0.00	35.51 -0.39 0.00	31.15 -0.40 0.00
LYONS_FALL_HYD 23570	31.39 -0.01 0.00	30.06 0.14 0.00	30.34 0.29 0.00	30.19 0.43 0.00	26.81 0.41 0.00	31.19 0.60 0.00	35.41 0.86 0.00	40.19 0.94 0.00	37.44 0.83 0.00	36.58 0.77 0.00	35.93 0.58 0.00	40.83 0.38 0.00	39.01 0.18 0.00	36.57 0.22 0.00	34.77 0.18 0.00	34.95 0.14 0.00	42.44 0.26 0.00	37.27 0.53 0.00	38.70 0.68 0.00	44.00 0.87 0.00	53.12 1.05 0.00	47.35 0.81 0.00	36.35 0.46 0.00	31.94 0.38 0.00
MADISON__COUNTY_LFGE 323628	32.00 0.60 0.00	30.50 0.59 0.00	30.64 0.60 0.00	30.37 0.61 0.00	26.95 0.55 0.00	31.32 0.73 0.00	35.48 0.93 0.00	40.26 1.01 0.00	37.57 0.97 0.00	36.72 0.91 0.00	36.17 0.81 0.00	41.26 0.81 0.00	39.45 0.62 0.00	36.94 0.59 0.00	35.16 0.57 0.00	35.46 0.65 0.00	43.10 0.93 0.00	37.65 0.91 0.00	39.03 1.00 0.00	44.32 1.20 0.00	53.58 1.51 0.00	47.74 1.19 0.00	36.69 0.80 0.00	32.26 0.70 0.00
MALONE__115KV_TB1 356076	31.52 0.11 0.00	30.02 0.10 0.00	30.14 0.09 0.00	29.87 0.11 0.00	26.51 0.11 0.00	30.78 0.19 0.00	34.92 0.37 0.00	39.84 0.59 0.00	37.14 0.54 0.00	36.27 0.47 0.00	35.56 0.20 0.00	40.58 0.13 0.00	38.89 0.06 0.00	36.53 0.19 0.00	34.88 0.30 0.00	34.94 0.13 0.00	42.32 0.14 0.00	37.01 0.26 0.00	38.43 0.40 0.00	43.80 0.68 0.00	52.95 0.88 0.00	47.35 0.81 0.00	36.48 0.59 0.00	31.84 0.28 0.00
MAPLEWOD_115KV_TB3 80458	32.09 0.69 0.00	30.57 0.65 0.00	30.69 0.65 0.00	30.42 0.66 0.00	26.95 0.55 0.00	31.15 0.56 0.00	35.18 0.63 0.00	40.04 0.79 0.00	37.31 0.70 0.00	36.53 0.72 0.00	36.18 0.83 0.00	41.43 0.98 0.00	39.80 0.96 0.00	37.15 0.81 0.00	35.34 0.75 0.00	35.58 0.77 0.00	43.23 1.05 0.00	37.58 0.83 0.00	38.85 0.82 0.00	43.96 0.83 0.00	52.87 0.80 0.00	47.36 0.82 0.00	36.58 0.68 0.00	32.13 0.57 0.00
MAPLE_RIDGE_WT_1 323574	30.99 -0.41 0.00	29.64 -0.28 0.00	29.88 -0.16 0.00	29.66 -0.10 0.00	26.36 -0.03 0.00	30.56 -0.03 0.00	34.54 -0.01 0.00	39.25 0.00 0.00	36.61 0.00 0.00	35.82 0.01 0.00	35.33 -0.03 0.00	40.41 -0.04 0.00	38.79 -0.04 0.00	36.34 0.00 0.00	34.60 0.01 0.00	34.79 -0.02 0.00	42.14 -0.04 0.00	36.73 -0.01 0.00	38.06 0.03 0.00	43.12 0.00 0.00	52.03 -0.04 0.00	46.51 -0.04 0.00	35.79 -0.10 0.00	31.43 -0.13 0.00
MAPLE_RIDGE_WT_2 323611	30.99 -0.41 0.00	29.64 -0.28 0.00	29.88 -0.16 0.00	29.66 -0.10 0.00	26.36 -0.03 0.00	30.56 -0.03 0.00	34.54 -0.01 0.00	39.25 0.00 0.00	36.61 0.00 0.00	35.82 0.01 0.00	35.33 -0.03 0.00	40.41 -0.04 0.00	38.79 -0.04 0.00	36.34 0.00 0.00	34.60 0.01 0.00	34.79 -0.02 0.00	42.14 -0.04 0.00	36.73 -0.01 0.00	38.06 0.03 0.00	43.12 0.00 0.00	52.03 -0.04 0.00	46.51 -0.04 0.00	35.79 -0.10 0.00	31.43 -0.13 0.00
MARBLE_RIVER_WT_PWR 323696	31.50 0.09 0.00	30.01 0.09 0.00	30.10 0.06 0.00	29.82 0.06 0.00	26.45 0.05 0.00	30.69 0.09 0.00	34.75 0.20 0.00	39.59 0.34 0.00	36.95 0.34 0.00	36.14 0.33 0.00	35.52 0.17 0.00	40.59 0.14 0.00	38.98 0.15 0.00	36.64 0.29 0.00	34.95 0.36 0.00	35.10 0.29 0.00	42.50 0.33 0.00	37.03 0.28 0.00	38.40 0.38 0.00	43.66 0.54 0.00	52.75 0.68 0.00	47.24 0.69 0.00	36.35 0.46 0.00	31.73 0.17 0.00
MARSHVLE_115KV_TB1 80742	32.61 1.20 0.00	31.04 1.12 0.00	31.14 1.10 0.00	30.86 1.10 0.00	27.44 1.04 0.00	31.90 1.31 0.00	36.05 1.50 0.00	40.83 1.58 0.00	37.78 1.17 0.00	36.85 1.04 0.00	36.37 1.01 0.00	41.50 1.05 0.00	39.75 0.92 0.00	36.93 0.58 0.00	35.15 0.56 0.00	35.68 0.87 0.00	43.63 1.45 0.00	38.14 1.40 0.00	39.52 1.49 0.00	44.95 1.82 0.00	54.45 2.38 0.00	48.53 1.98 0.00	37.29 1.39 0.00	32.78 1.22 0.00
MARSH_HILL_WT_PWR 323713	30.16 -1.62 -0.37	28.56 -1.35 0.00	28.75 -1.29 0.00	28.37 -1.39 0.00	24.98 -1.42 0.00	29.14 -1.45 0.00	33.21 -1.34 0.00	38.07 -1.18 0.00	35.40 -1.21 0.00	34.78 -1.03 0.00	34.18 -1.17 0.00	39.39 -1.06 0.00	37.68 -1.15 0.00	35.64 -0.71 0.00	33.66 -0.93 0.00	33.48 -1.32 0.00	45.81 -1.79 -5.42	45.28 -1.57 -10.11	36.52 -1.50 0.00	41.71 -1.42 0.00	50.82 -1.24 0.00	45.19 -1.36 0.00	34.65 -1.24 0.00	30.74 -0.81 0.00
MCINTYRE_115KV_TB2 80467	31.80 0.39 0.00	30.30 0.38 0.00	30.45 0.41 0.00	30.24 0.48 0.00	26.85 0.45 0.00	31.17 0.58 0.00	35.39 0.84 0.00	40.25 1.00 0.00	37.40 0.79 0.00	36.41 0.60 0.00	35.54 0.18 0.00	40.33 -0.12 0.00	38.71 -0.13 0.00	36.38 0.03 0.00	34.71 0.12 0.00	34.81 -0.01 0.00	42.04 -0.14 0.00	37.06 0.32 0.00	38.65 0.62 0.00	44.12 1.00 0.00	53.43 1.36 0.00	47.85 1.31 0.00	36.88 0.99 0.00	32.18 0.62 0.00
MECO____69_KV_BK1 80468	33.00 1.60 0.00	31.40 1.49 0.00	31.49 1.45 0.00	31.22 1.46 0.00	27.76 1.36 0.00	32.27 1.68 0.00	36.57 2.03 0.00	41.43 2.18 0.00	38.19 1.58 0.00	37.20 1.39 0.00	36.86 1.50 0.00	42.23 1.78 0.00	40.32 1.49 0.00	37.30 0.95 0.00	35.28 0.69 0.00	36.11 1.30 0.00	44.39 2.21 0.00	38.88 2.14 0.00	40.28 2.26 0.00	45.76 2.63 0.00	55.36 3.29 0.00	49.34 2.79 0.00	37.86 1.97 0.00	33.21 1.66 0.00

MENANDS__115KV_TB5 355628	31.94 0.53 0.00	30.43 0.52 0.00	30.57 0.52 0.00	30.29 0.53 0.00	26.83 0.43 0.00	31.00 0.41 0.00	35.00 0.45 0.00	39.84 0.59 0.00	37.12 0.51 0.00	36.36 0.55 0.00	36.03 0.67 0.00	41.23 0.78 0.00	39.62 0.78 0.00	36.98 0.64 0.00	35.19 0.60 0.00	35.44 0.63 0.00	43.00 0.83 0.00	37.36 0.62 0.00	38.63 0.60 0.00	43.69 0.57 0.00	52.54 0.47 0.00	47.05 0.51 0.00	36.38 0.48 0.00	31.97 0.41 0.00
MG INDUSTRY__DRP 24185	32.04 0.64 0.00	30.53 0.61 0.00	30.66 0.61 0.00	30.37 0.61 0.00	26.92 0.53 0.00	31.14 0.55 0.00	35.14 0.60 0.00	39.94 0.70 0.00	37.19 0.58 0.00	36.40 0.59 0.00	36.05 0.69 0.00	41.22 0.77 0.00	39.54 0.70 0.00	36.96 0.61 0.00	35.05 0.46 0.00	35.29 0.48 0.00	43.03 0.85 0.00	37.46 0.72 0.00	38.73 0.70 0.00	43.83 0.70 0.00	52.78 0.71 0.00	47.26 0.71 0.00	36.49 0.60 0.00	32.11 0.56 0.00
MID__OSWEGATCHIE_HYD 23849	30.66 -0.75 0.00	29.33 -0.58 0.00	29.60 -0.44 0.00	29.46 -0.29 0.00	26.15 -0.25 0.00	30.39 -0.20 0.00	34.52 -0.02 0.00	39.23 -0.02 0.00	36.50 -0.10 0.00	35.63 -0.18 0.00	34.93 -0.43 0.00	39.47 -0.98 0.00	37.76 -1.08 0.00	35.45 -0.90 0.00	33.76 -0.83 0.00	33.78 -1.03 0.00	40.87 -1.31 0.00	35.91 -0.83 0.00	37.34 -0.69 0.00	42.63 -0.49 0.00	51.56 -0.51 0.00	46.07 -0.48 0.00	35.51 -0.39 0.00	31.15 -0.40 0.00
MID__RAQUETTE_HYD 23851	30.97 -0.44 0.00	29.53 -0.38 0.00	29.71 -0.33 0.00	29.51 -0.25 0.00	26.19 -0.21 0.00	30.41 -0.18 0.00	34.51 -0.04 0.00	39.31 0.06 0.00	36.56 -0.05 0.00	35.66 -0.15 0.00	34.90 -0.45 0.00	39.43 -1.02 0.00	37.81 -1.03 0.00	35.54 -0.81 0.00	33.90 -0.69 0.00	33.87 -0.94 0.00	40.82 -1.35 0.00	35.82 -0.92 0.00	37.28 -0.75 0.00	42.68 -0.45 0.00	51.69 -0.38 0.00	46.29 -0.26 0.00	35.77 -0.12 0.00	31.31 -0.25 0.00
MILLIKEN__1 23584	31.77 0.34 -0.02	30.20 0.29 0.00	30.29 0.25 0.00	29.98 0.22 0.00	26.64 0.24 0.00	30.95 0.36 0.00	35.08 0.53 0.00	39.89 0.64 0.00	37.16 0.55 0.00	36.23 0.42 0.00	35.77 0.42 0.00	40.90 0.45 0.00	39.18 0.34 0.00	36.69 0.34 0.00	34.83 0.24 0.00	35.12 0.31 0.00	42.90 0.39 -0.34	37.70 0.33 -0.63	38.44 0.41 0.00	43.68 0.56 0.00	52.89 0.82 0.00	47.10 0.55 0.00	36.17 0.28 0.00	31.85 0.29 0.00
MILLIKEN__2 23585	31.77 0.34 -0.02	30.20 0.29 0.00	30.29 0.25 0.00	29.98 0.22 0.00	26.64 0.24 0.00	30.95 0.36 0.00	35.08 0.53 0.00	39.89 0.64 0.00	37.16 0.55 0.00	36.23 0.42 0.00	35.77 0.42 0.00	40.90 0.45 0.00	39.18 0.34 0.00	36.69 0.34 0.00	34.83 0.24 0.00	35.12 0.31 0.00	42.90 0.39 -0.34	37.70 0.33 -0.63	38.44 0.41 0.00	43.68 0.56 0.00	52.89 0.82 0.00	47.10 0.55 0.00	36.17 0.28 0.00	31.85 0.29 0.00
MILLIKEN__DIESEL 23629	31.77 0.34 -0.02	30.20 0.29 0.00	30.29 0.25 0.00	29.98 0.22 0.00	26.64 0.24 0.00	30.95 0.36 0.00	35.08 0.53 0.00	39.89 0.64 0.00	37.16 0.55 0.00	36.23 0.42 0.00	35.77 0.42 0.00	40.90 0.45 0.00	39.18 0.34 0.00	36.69 0.34 0.00	34.83 0.24 0.00	35.12 0.31 0.00	42.90 0.39 -0.34	37.70 0.33 -0.63	38.44 0.41 0.00	43.68 0.56 0.00	52.89 0.82 0.00	47.10 0.55 0.00	36.17 0.28 0.00	31.85 0.29 0.00
MILLSEAT__LFGE 323607	29.83 -1.51 0.06	28.46 -1.46 0.00	28.61 -1.43 0.00	28.27 -1.49 0.00	25.08 -1.32 0.00	29.22 -1.36 0.00	33.11 -1.43 0.00	37.67 -1.58 0.00	35.35 -1.26 0.00	34.44 -1.37 0.00	33.95 -1.40 0.00	38.99 -1.46 0.00	37.31 -1.53 0.00	35.23 -1.12 0.00	33.32 -1.27 0.00	33.53 -1.27 0.00	39.32 -1.92 0.93	33.35 -1.66 1.73	36.30 -1.73 0.00	41.57 -1.56 0.00	50.67 -1.40 0.00	45.25 -1.30 0.00	34.64 -1.25 0.00	30.54 -1.02 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	32.71 1.30 0.00	31.07 1.16 0.00	31.15 1.10 0.00	30.77 1.01 0.00	27.33 0.93 0.00	31.68 1.09 0.00	35.81 1.26 0.00	40.79 1.55 0.00	38.06 1.46 0.00	37.35 1.54 0.00	37.07 1.71 0.00	42.47 2.02 0.00	40.95 2.12 0.00	38.17 1.82 0.00	36.16 1.57 0.00	36.41 1.60 0.00	44.20 2.02 0.00	38.58 1.84 0.00	39.76 1.73 0.00	44.86 1.74 0.00	54.23 2.16 0.00	48.28 1.73 0.00	37.17 1.28 0.00	32.67 1.11 0.00
MILLWOOD_13_KV_LOAD 356217	32.77 1.36 0.00	31.12 1.21 0.00	31.20 1.15 0.00	30.83 1.07 0.00	27.38 0.98 0.00	31.74 1.15 0.00	35.89 1.34 0.00	40.88 1.63 0.00	38.15 1.54 0.00	37.44 1.63 0.00	37.14 1.78 0.00	42.56 2.11 0.00	41.04 2.21 0.00	38.26 1.91 0.00	36.24 1.65 0.00	36.47 1.66 0.00	44.29 2.11 0.00	38.68 1.94 0.00	39.86 1.83 0.00	44.99 1.87 0.00	54.38 2.31 0.00	48.39 1.84 0.00	37.25 1.36 0.00	32.73 1.17 0.00
MODEL_CITY_ENERGY 24167	28.76 -2.57 0.08	27.48 -2.43 0.00	27.65 -2.39 0.00	27.30 -2.46 0.00	24.21 -2.18 0.00	28.15 -2.44 0.00	31.81 -2.73 0.00	36.10 -3.15 0.00	33.91 -2.69 0.00	33.04 -2.76 0.00	32.56 -2.80 0.00	37.40 -3.05 0.00	35.80 -3.04 0.00	33.87 -2.48 0.00	32.01 -2.57 0.00	32.22 -2.60 0.00	37.37 -3.61 1.20	31.32 -3.18 2.24	34.69 -3.34 0.00	39.77 -3.35 0.00	48.56 -3.51 0.00	43.47 -3.08 0.00	33.37 -2.52 0.00	29.50 -2.06 0.00
MODERN_LFGE__ 323580	28.76 -2.57 0.08	27.48 -2.43 0.00	27.65 -2.39 0.00	27.30 -2.46 0.00	24.21 -2.18 0.00	28.15 -2.44 0.00	31.81 -2.73 0.00	36.10 -3.15 0.00	33.91 -2.69 0.00	33.04 -2.76 0.00	32.56 -2.80 0.00	37.40 -3.05 0.00	35.80 -3.04 0.00	33.87 -2.48 0.00	32.01 -2.57 0.00	32.22 -2.60 0.00	37.37 -3.61 1.20	31.32 -3.18 2.24	34.69 -3.34 0.00	39.77 -3.35 0.00	48.56 -3.51 0.00	43.47 -3.08 0.00	33.37 -2.52 0.00	29.50 -2.06 0.00
MOHAWK_PAPER__DRP 24187	32.09 0.69 0.00	30.57 0.65 0.00	30.69 0.65 0.00	30.42 0.66 0.00	26.95 0.55 0.00	31.15 0.56 0.00	35.18 0.63 0.00	40.04 0.79 0.00	37.31 0.70 0.00	36.53 0.72 0.00	36.18 0.83 0.00	41.43 0.98 0.00	39.80 0.96 0.00	37.15 0.81 0.00	35.34 0.75 0.00	35.58 0.77 0.00	43.23 1.05 0.00	37.58 0.83 0.00	38.85 0.82 0.00	43.96 0.83 0.00	52.87 0.80 0.00	47.36 0.82 0.00	36.58 0.68 0.00	32.13 0.57 0.00
MOHICAN__35_KV_115KV_LD 80490	32.84 1.43 0.00	31.29 1.38 0.00	31.49 1.45 0.00	31.17 1.42 0.00	27.67 1.28 0.00	32.10 1.52 0.00	36.43 1.88 0.00	41.58 2.33 0.00	38.63 2.02 0.00	37.56 1.75 0.00	36.96 1.61 0.00	42.22 1.77 0.00	40.58 1.75 0.00	37.90 1.55 0.00	36.08 1.49 0.00	36.48 1.67 0.00	44.63 2.45 0.00	38.83 2.09 0.00	40.20 2.17 0.00	45.61 2.49 0.00	55.00 2.93 0.00	49.17 2.63 0.00	37.73 1.84 0.00	33.00 1.44 0.00
MONGAUP__HYD 23641	32.75 1.35 0.00	31.08 1.17 0.00	31.15 1.11 0.00	30.81 1.05 0.00	27.36 0.97 0.00	31.73 1.14 0.00	35.75 1.21 0.00	40.77 1.52 0.00	37.89 1.28 0.00	36.94 1.14 0.00	36.53 1.17 0.00	41.83 1.38 0.00	40.30 1.46 0.00	37.62 1.27 0.00	35.71 1.12 0.00	36.00 1.19 0.00	43.68 1.50 0.00	38.16 1.41 0.00	39.43 1.40 0.00	44.69 1.57 0.00	54.23 2.16 0.00	48.30 1.76 0.00	37.17 1.28 0.00	32.82 1.26 0.00

MONTAUK___DIESEL 23721	32.49 1.08 0.00	30.72 0.80 0.00	30.72 0.68 0.00	30.32 0.56 0.00	26.92 0.52 0.00	31.21 0.62 0.00	35.33 0.79 0.00	40.24 0.99 0.00	38.05 1.44 0.00	37.82 2.01 0.00	36.98 1.54 -0.08	45.62 1.94 -3.23	41.98 2.74 -0.42	44.68 3.18 -5.15	37.67 3.08 -0.01	37.65 2.84 0.00	45.76 3.59 0.00	40.32 3.58 0.00	41.39 3.24 -0.13	49.49 3.99 -2.38	57.01 4.94 0.00	50.96 4.31 -0.10	40.56 3.40 -1.27	47.07 2.81 -12.70
MOONROAD_115KV_HARTFLD_TB1-2 355988	29.95 -1.35 0.10	28.74 -1.17 0.00	28.91 -1.13 0.00	28.41 -1.35 0.00	25.20 -1.20 0.00	29.49 -1.10 0.00	33.47 -1.07 0.00	38.23 -1.02 0.00	35.88 -0.72 0.00	35.05 -0.76 0.00	34.57 -0.78 0.00	39.89 -0.56 0.00	38.16 -0.67 0.00	36.12 -0.23 0.00	34.12 -0.47 0.00	34.41 -0.40 0.00	39.99 -0.71 1.47	33.21 -0.78 2.74	37.14 -0.89 0.00	42.56 -0.56 0.00	51.99 -0.08 0.00	46.31 -0.24 0.00	35.26 -0.63 0.00	31.12 -0.44 0.00
MORRIS_RIDGE___SOLAR 323848	29.26 -1.75 0.40	28.36 -1.55 0.00	28.58 -1.47 0.00	28.21 -1.55 0.00	24.97 -1.43 0.00	29.12 -1.47 0.00	33.06 -1.48 0.00	37.63 -1.62 0.00	35.05 -1.56 0.00	34.29 -1.51 0.00	33.88 -1.48 0.00	39.01 -1.43 0.00	37.28 -1.55 0.00	35.21 -1.14 0.00	33.29 -1.30 0.00	33.30 -1.51 0.00	34.28 -2.04 5.85	24.09 -1.74 10.91	36.28 -1.75 0.00	41.51 -1.62 0.00	50.63 -1.44 0.00	45.06 -1.48 0.00	34.53 -1.36 0.00	30.55 -1.00 0.00
MORTIMER_115KV_TB3 55949	30.51 -0.90 0.00	29.03 -0.89 0.00	29.15 -0.89 0.00	28.84 -0.91 0.00	25.59 -0.80 0.00	29.75 -0.84 0.00	33.68 -0.86 0.00	38.30 -0.95 0.00	35.86 -0.75 0.00	35.04 -0.76 0.00	34.54 -0.82 0.00	39.62 -0.83 0.00	37.95 -0.88 0.00	35.67 -0.68 0.00	33.83 -0.76 0.00	34.05 -0.76 0.00	41.07 -1.11 0.00	35.74 -1.01 0.00	37.02 -1.01 0.00	42.20 -0.92 0.00	51.26 -0.81 0.00	45.72 -0.82 0.00	35.09 -0.80 0.00	30.91 -0.64 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	32.83 1.42 0.00	31.20 1.29 0.00	31.26 1.22 0.00	30.89 1.13 0.00	27.46 1.06 0.00	31.82 1.23 0.00	35.96 1.41 0.00	40.98 1.73 0.00	38.26 1.65 0.00	37.56 1.75 0.00	37.28 1.92 0.00	42.74 2.29 0.00	41.24 2.41 0.00	38.42 2.07 0.00	36.37 1.78 0.00	36.62 1.81 0.00	44.45 2.27 0.00	38.84 2.10 0.00	39.99 1.96 0.00	45.08 1.96 0.00	54.50 2.43 0.00	48.46 1.91 0.00	37.33 1.44 0.00	32.79 1.23 0.00
MUNSVILLE_WIND_PWR 323609	33.49 2.07 -0.02	31.84 1.92 0.00	31.89 1.85 0.00	31.56 1.81 0.00	28.06 1.66 0.00	32.79 2.20 0.00	37.32 2.77 0.00	42.34 3.10 0.00	39.33 2.72 0.00	38.25 2.44 0.00	37.68 2.32 0.00	43.25 2.80 0.00	41.12 2.29 0.00	38.41 2.06 0.00	36.29 1.70 0.00	36.90 2.09 0.00	45.10 2.71 -0.21	39.59 2.46 -0.39	40.77 2.74 0.00	46.31 3.18 0.00	56.40 4.34 0.00	50.07 3.53 0.00	38.19 2.29 0.00	33.36 1.80 0.00
N SALMON___HYD 24042	31.52 0.11 0.00	30.02 0.10 0.00	30.14 0.09 0.00	29.87 0.11 0.00	26.51 0.11 0.00	30.78 0.19 0.00	34.92 0.37 0.00	39.84 0.59 0.00	37.15 0.54 0.00	36.27 0.47 0.00	35.56 0.20 0.00	40.58 0.13 0.00	38.89 0.06 0.00	36.53 0.19 0.00	34.88 0.30 0.00	34.94 0.13 0.00	42.32 0.14 0.00	37.01 0.26 0.00	38.43 0.40 0.00	43.80 0.68 0.00	52.95 0.88 0.00	47.35 0.80 0.00	36.48 0.59 0.00	31.84 0.28 0.00
N.AKRON__115KV_KNAPP 355671	29.66 -1.68 0.07	28.31 -1.61 0.00	28.47 -1.57 0.00	28.11 -1.65 0.00	24.94 -1.46 0.00	29.05 -1.54 0.00	32.91 -1.63 0.00	37.42 -1.83 0.00	35.12 -1.49 0.00	34.20 -1.61 0.00	33.71 -1.64 0.00	38.74 -1.71 0.00	37.08 -1.76 0.00	35.04 -1.31 0.00	33.11 -1.48 0.00	33.33 -1.48 0.00	38.96 -2.21 1.01	32.94 -1.92 1.88	36.03 -2.00 0.00	41.26 -1.87 0.00	50.34 -1.74 0.00	44.96 -1.58 0.00	34.45 -1.45 0.00	30.38 -1.17 0.00
N.BELMOR_69_KV_BK1 55787	33.26 1.86 0.00	31.53 1.62 0.00	31.56 1.51 0.00	31.16 1.40 0.00	27.67 1.27 0.00	32.09 1.50 0.00	36.30 1.75 0.00	41.36 2.11 0.00	38.65 2.04 0.00	38.01 2.20 0.00	37.75 2.28 -0.11	47.60 2.77 -4.38	42.32 2.92 -0.56	45.91 2.57 -7.00	36.73 2.13 -0.01	36.70 1.89 0.00	44.53 2.35 0.00	39.02 2.28 0.00	40.23 2.21 0.00	45.51 2.38 0.00	55.02 2.96 0.00	49.14 2.46 -0.14	39.58 1.95 -1.73	50.47 1.63 -17.28
N.E._GEN_SANDY PD 24062	32.30 0.90 0.00	30.76 0.85 0.00	30.89 0.84 0.00	30.62 0.86 0.00	27.12 0.72 0.00	31.35 0.76 0.00	35.39 0.85 0.00	40.34 1.09 0.00	38.94 0.99 -1.34	36.83 1.02 0.00	38.12 1.14 -1.62	41.43 1.27 0.29	40.16 1.32 0.00	37.45 1.11 0.00	36.79 1.07 -1.13	38.59 1.12 -2.66	44.61 1.38 -1.06	38.39 1.04 -0.60	39.09 1.06 0.00	38.55 1.10 5.68	53.21 1.14 0.00	47.08 1.11 0.58	36.83 0.94 0.00	32.11 0.73 0.18
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	32.65 1.25 0.00	31.02 1.11 0.00	31.13 1.08 0.00	30.79 1.03 0.00	27.34 0.94 0.00	31.70 1.11 0.00	35.85 1.30 0.00	40.82 1.57 0.00	38.07 1.46 0.00	37.36 1.55 0.00	37.08 1.72 0.00	42.50 2.05 0.00	40.97 2.14 0.00	38.20 1.86 0.00	36.19 1.60 0.00	36.47 1.66 0.00	44.27 2.10 0.00	38.63 1.89 0.00	39.79 1.76 0.00	44.91 1.79 0.00	54.29 2.22 0.00	48.34 1.79 0.00	37.19 1.29 0.00	32.67 1.11 0.00
N.QUEENS_27_KV_LOAD 356247	32.91 1.50 0.00	31.25 1.33 0.00	31.29 1.25 0.00	30.91 1.15 0.00	27.49 1.09 0.00	31.85 1.26 0.00	35.87 1.32 0.00	40.93 1.68 0.00	38.24 1.63 0.00	37.51 1.70 0.00	37.23 1.88 0.00	42.74 2.29 0.00	41.26 2.42 0.00	38.43 2.08 0.00	36.38 1.79 0.00	36.61 1.80 0.00	44.44 2.27 0.00	38.88 2.14 0.00	39.96 1.94 0.00	45.03 1.91 0.00	54.29 2.23 0.01	48.37 1.83 0.00	37.39 1.50 0.00	32.82 1.26 0.00
N.TROY___115KV_TB1 355778	32.20 0.80 0.00	30.68 0.76 0.00	30.81 0.77 0.00	30.56 0.79 0.00	27.05 0.65 0.00	31.29 0.70 0.00	35.36 0.81 0.00	40.29 1.04 0.00	37.51 0.90 0.00	36.72 0.91 0.00	36.33 0.97 0.00	41.53 1.08 0.00	39.92 1.09 0.00	37.27 0.92 0.00	35.49 0.90 0.00	35.76 0.95 0.00	43.41 1.23 0.00	37.69 0.95 0.00	39.02 0.99 0.00	44.19 1.07 0.00	53.18 1.11 0.00	47.62 1.07 0.00	36.76 0.86 0.00	32.23 0.67 0.00
NARROWS_GT1_1 24228	32.89 1.48 0.00	31.26 1.35 0.00	31.34 1.30 0.00	30.98 1.22 0.00	27.56 1.16 0.00	31.93 1.34 0.00	36.10 1.56 0.00	41.17 1.92 0.00	38.46 1.85 0.00	37.78 1.97 0.00	37.50 2.14 0.00	43.02 2.57 0.00	41.50 2.67 0.00	38.72 2.37 0.00	36.65 2.06 0.00	36.83 2.02 0.00	44.75 2.57 0.00	39.12 2.38 0.00	40.29 2.26 -0.01	45.41 2.27 -0.01	54.87 2.79 -0.01	48.82 2.27 -0.01	37.61 1.72 0.00	33.01 1.46 0.00
NARROWS_GT1_2 24229	32.89 1.48 0.00	31.26 1.35 0.00	31.34 1.30 0.00	30.98 1.22 0.00	27.56 1.16 0.00	31.93 1.34 0.00	36.10 1.56 0.00	41.17 1.92 0.00	38.46 1.85 0.00	37.78 1.97 0.00	37.50 2.14 0.00	43.02 2.57 0.00	41.50 2.67 0.00	38.72 2.37 0.00	36.65 2.06 0.00	36.83 2.02 0.00	44.75 2.57 0.00	39.12 2.38 0.00	40.29 2.26 -0.01	45.41 2.27 -0.01	54.87 2.79 -0.01	48.82 2.27 -0.01	37.61 1.72 0.00	33.01 1.46 0.00

NARROWS_GT1_3 24230	32.89 1.48 0.00	31.26 1.35 0.00	31.34 1.30 0.00	30.98 1.22 0.00	27.56 1.16 0.00	31.93 1.34 0.00	36.10 1.56 0.00	41.17 1.92 0.00	38.46 1.85 0.00	37.78 1.97 0.00	37.50 2.14 0.00	43.02 2.57 0.00	41.50 2.67 0.00	38.72 2.37 0.00	36.65 2.06 0.00	36.83 2.02 0.00	44.75 2.57 0.00	39.12 2.38 0.00	40.29 2.26 -0.01	45.41 2.27 -0.01	54.87 2.79 -0.01	48.82 2.27 -0.01	37.61 1.72 0.00	33.01 1.46 0.00
NARROWS_GT1_4 24231	32.89 1.48 0.00	31.26 1.35 0.00	31.34 1.30 0.00	30.98 1.22 0.00	27.56 1.16 0.00	31.93 1.34 0.00	36.10 1.56 0.00	41.17 1.92 0.00	38.46 1.85 0.00	37.78 1.97 0.00	37.50 2.14 0.00	43.02 2.57 0.00	41.50 2.67 0.00	38.72 2.37 0.00	36.65 2.06 0.00	36.83 2.02 0.00	44.75 2.57 0.00	39.12 2.38 0.00	40.29 2.26 -0.01	45.41 2.27 -0.01	54.87 2.79 -0.01	48.82 2.27 -0.01	37.61 1.72 0.00	33.01 1.46 0.00
NARROWS_GT1_5 24232	32.89 1.48 0.00	31.26 1.35 0.00	31.34 1.30 0.00	30.98 1.22 0.00	27.56 1.16 0.00	31.93 1.34 0.00	36.10 1.56 0.00	41.17 1.92 0.00	38.46 1.85 0.00	37.78 1.97 0.00	37.50 2.14 0.00	43.02 2.57 0.00	41.50 2.67 0.00	38.72 2.37 0.00	36.65 2.06 0.00	36.83 2.02 0.00	44.75 2.57 0.00	39.12 2.38 0.00	40.29 2.26 -0.01	45.41 2.27 -0.01	54.87 2.79 -0.01	48.82 2.27 -0.01	37.61 1.72 0.00	33.01 1.46 0.00
NARROWS_GT1_6 24233	32.89 1.48 0.00	31.26 1.35 0.00	31.34 1.30 0.00	30.98 1.22 0.00	27.56 1.16 0.00	31.93 1.34 0.00	36.10 1.56 0.00	41.17 1.92 0.00	38.46 1.85 0.00	37.78 1.97 0.00	37.50 2.14 0.00	43.02 2.57 0.00	41.50 2.67 0.00	38.72 2.37 0.00	36.65 2.06 0.00	36.83 2.02 0.00	44.75 2.57 0.00	39.12 2.38 0.00	40.29 2.26 -0.01	45.41 2.27 -0.01	54.87 2.79 -0.01	48.82 2.27 -0.01	37.61 1.72 0.00	33.01 1.46 0.00
NARROWS_GT1_7 24234	32.89 1.48 0.00	31.26 1.35 0.00	31.34 1.30 0.00	30.98 1.22 0.00	27.56 1.16 0.00	31.93 1.34 0.00	36.10 1.56 0.00	41.17 1.92 0.00	38.46 1.85 0.00	37.78 1.97 0.00	37.50 2.14 0.00	43.02 2.57 0.00	41.50 2.67 0.00	38.72 2.37 0.00	36.65 2.06 0.00	36.83 2.02 0.00	44.75 2.57 0.00	39.12 2.38 0.00	40.29 2.26 -0.01	45.41 2.27 -0.01	54.87 2.79 -0.01	48.82 2.27 -0.01	37.61 1.72 0.00	33.01 1.46 0.00
NARROWS_GT1_8 24235	32.89 1.48 0.00	31.26 1.35 0.00	31.34 1.30 0.00	30.98 1.22 0.00	27.56 1.16 0.00	31.93 1.34 0.00	36.10 1.56 0.00	41.17 1.92 0.00	38.46 1.85 0.00	37.78 1.97 0.00	37.50 2.14 0.00	43.02 2.57 0.00	41.50 2.67 0.00	38.72 2.37 0.00	36.65 2.06 0.00	36.83 2.02 0.00	44.75 2.57 0.00	39.12 2.38 0.00	40.29 2.26 -0.01	45.41 2.27 -0.01	54.87 2.79 -0.01	48.82 2.27 -0.01	37.61 1.72 0.00	33.01 1.46 0.00
NARROWS_GT2_1 24236	32.89 1.48 0.00	31.26 1.35 0.00	31.34 1.30 0.00	30.98 1.22 0.00	27.56 1.16 0.00	31.93 1.34 0.00	36.10 1.56 0.00	41.17 1.92 0.00	38.46 1.85 0.00	37.78 1.97 0.00	37.50 2.14 0.00	43.02 2.57 0.00	41.50 2.67 0.00	38.72 2.37 0.00	36.65 2.06 0.00	36.83 2.02 0.00	44.75 2.57 0.00	39.12 2.38 0.00	40.29 2.26 -0.01	45.41 2.27 -0.01	54.87 2.79 -0.01	48.82 2.27 -0.01	37.61 1.72 0.00	33.01 1.46 0.00
NARROWS_GT2_2 24237	32.89 1.48 0.00	31.26 1.35 0.00	31.34 1.30 0.00	30.98 1.22 0.00	27.56 1.16 0.00	31.93 1.34 0.00	36.10 1.56 0.00	41.17 1.92 0.00	38.46 1.85 0.00	37.78 1.97 0.00	37.50 2.14 0.00	43.02 2.57 0.00	41.50 2.67 0.00	38.72 2.37 0.00	36.65 2.06 0.00	36.83 2.02 0.00	44.75 2.57 0.00	39.12 2.38 0.00	40.29 2.26 -0.01	45.41 2.27 -0.01	54.87 2.79 -0.01	48.82 2.27 -0.01	37.61 1.72 0.00	33.01 1.46 0.00
NARROWS_GT2_3 24238	32.89 1.48 0.00	31.26 1.35 0.00	31.34 1.30 0.00	30.98 1.22 0.00	27.56 1.16 0.00	31.93 1.34 0.00	36.10 1.56 0.00	41.17 1.92 0.00	38.46 1.85 0.00	37.78 1.97 0.00	37.50 2.14 0.00	43.02 2.57 0.00	41.50 2.67 0.00	38.72 2.37 0.00	36.65 2.06 0.00	36.83 2.02 0.00	44.75 2.57 0.00	39.12 2.38 0.00	40.29 2.26 -0.01	45.41 2.27 -0.01	54.87 2.79 -0.01	48.82 2.27 -0.01	37.61 1.72 0.00	33.01 1.46 0.00
NARROWS_GT2_4 24239	32.89 1.48 0.00	31.26 1.35 0.00	31.34 1.30 0.00	30.98 1.22 0.00	27.56 1.16 0.00	31.93 1.34 0.00	36.10 1.56 0.00	41.17 1.92 0.00	38.46 1.85 0.00	37.78 1.97 0.00	37.50 2.14 0.00	43.02 2.57 0.00	41.50 2.67 0.00	38.72 2.37 0.00	36.65 2.06 0.00	36.83 2.02 0.00	44.75 2.57 0.00	39.12 2.38 0.00	40.29 2.26 -0.01	45.41 2.27 -0.01	54.87 2.79 -0.01	48.82 2.27 -0.01	37.61 1.72 0.00	33.01 1.46 0.00
NARROWS_GT2_5 24240	32.89 1.48 0.00	31.26 1.35 0.00	31.34 1.30 0.00	30.98 1.22 0.00	27.56 1.16 0.00	31.93 1.34 0.00	36.10 1.56 0.00	41.17 1.92 0.00	38.46 1.85 0.00	37.78 1.97 0.00	37.50 2.14 0.00	43.02 2.57 0.00	41.50 2.67 0.00	38.72 2.37 0.00	36.65 2.06 0.00	36.83 2.02 0.00	44.75 2.57 0.00	39.12 2.38 0.00	40.29 2.26 -0.01	45.41 2.27 -0.01	54.87 2.79 -0.01	48.82 2.27 -0.01	37.61 1.72 0.00	33.01 1.46 0.00
NARROWS_GT2_6 24241	32.89 1.48 0.00	31.26 1.35 0.00	31.34 1.30 0.00	30.98 1.22 0.00	27.56 1.16 0.00	31.93 1.34 0.00	36.10 1.56 0.00	41.17 1.92 0.00	38.46 1.85 0.00	37.78 1.97 0.00	37.50 2.14 0.00	43.02 2.57 0.00	41.50 2.67 0.00	38.72 2.37 0.00	36.65 2.06 0.00	36.83 2.02 0.00	44.75 2.57 0.00	39.12 2.38 0.00	40.29 2.26 -0.01	45.41 2.27 -0.01	54.87 2.79 -0.01	48.82 2.27 -0.01	37.61 1.72 0.00	33.01 1.46 0.00
NARROWS_GT2_7 24242	32.89 1.48 0.00	31.26 1.35 0.00	31.34 1.30 0.00	30.98 1.22 0.00	27.56 1.16 0.00	31.93 1.34 0.00	36.10 1.56 0.00	41.17 1.92 0.00	38.46 1.85 0.00	37.78 1.97 0.00	37.50 2.14 0.00	43.02 2.57 0.00	41.50 2.67 0.00	38.72 2.37 0.00	36.65 2.06 0.00	36.83 2.02 0.00	44.75 2.57 0.00	39.12 2.38 0.00	40.29 2.26 -0.01	45.41 2.27 -0.01	54.87 2.79 -0.01	48.82 2.27 -0.01	37.61 1.72 0.00	33.01 1.46 0.00
NARROWS_GT2_8 24243	32.89 1.48 0.00	31.26 1.35 0.00	31.34 1.30 0.00	30.98 1.22 0.00	27.56 1.16 0.00	31.93 1.34 0.00	36.10 1.56 0.00	41.17 1.92 0.00	38.46 1.85 0.00	37.78 1.97 0.00	37.50 2.14 0.00	43.02 2.57 0.00	41.50 2.67 0.00	38.72 2.37 0.00	36.65 2.06 0.00	36.83 2.02 0.00	44.75 2.57 0.00	39.12 2.38 0.00	40.29 2.26 -0.01	45.41 2.27 -0.01	54.87 2.79 -0.01	48.82 2.27 -0.01	37.61 1.72 0.00	33.01 1.46 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	32.40 1.00 0.00	30.85 0.94 0.00	30.96 0.92 0.00	30.66 0.90 0.00	27.16 0.76 0.00	31.44 0.86 0.00	35.56 1.02 0.00	40.50 1.25 0.00	37.70 1.09 0.00	36.84 1.03 0.00	36.48 1.12 0.00	41.63 1.18 0.00	39.92 1.09 0.00	37.32 0.97 0.00	35.32 0.73 0.00	35.55 0.74 0.00	43.56 1.38 0.00	38.00 1.26 0.00	39.40 1.37 0.00	44.58 1.46 0.00	53.65 1.58 0.00	47.97 1.42 0.00	36.99 1.10 0.00	32.48 0.93 0.00

NCHELSEA_115KV_TR2 355582	32.83 1.42 0.00	31.19 1.28 0.00	31.28 1.23 0.00	30.92 1.16 0.00	27.45 1.05 0.00	31.82 1.23 0.00	35.98 1.44 0.00	41.01 1.76 0.00	38.26 1.65 0.00	37.48 1.67 0.00	37.17 1.81 0.00	42.51 2.06 0.00	40.98 2.14 0.00	38.23 1.89 0.00	36.24 1.65 0.00	36.53 1.72 0.00	44.41 2.24 0.00	38.77 2.03 0.00	39.99 1.97 0.00	45.18 2.05 0.00	54.60 2.52 0.00	48.61 2.07 0.00	37.40 1.51 0.00	32.86 1.30 0.00
NEG CAPITAL___MECHNVIL 23645	32.60 1.19 0.00	31.04 1.13 0.00	31.20 1.16 0.00	30.93 1.17 0.00	27.41 1.01 0.00	31.76 1.17 0.00	35.95 1.41 0.00	40.96 1.71 0.00	38.08 1.48 0.00	37.20 1.39 0.00	36.76 1.40 0.00	42.08 1.63 0.00	40.41 1.58 0.00	37.73 1.38 0.00	35.89 1.30 0.00	36.21 1.39 0.00	44.11 1.93 0.00	38.34 1.60 0.00	39.70 1.67 0.00	44.99 1.87 0.00	54.23 2.16 0.00	48.46 1.91 0.00	37.33 1.43 0.00	32.71 1.15 0.00
NEG CENTRAL_HIGH_ACRES 23767	30.14 -1.27 0.00	28.69 -1.23 0.00	28.81 -1.23 0.00	28.50 -1.26 0.00	25.30 -1.10 0.00	29.41 -1.18 0.00	33.28 -1.26 0.00	37.91 -1.34 0.00	35.46 -1.15 0.00	34.66 -1.15 0.00	34.17 -1.19 0.00	39.17 -1.28 0.00	37.54 -1.30 0.00	35.27 -1.08 0.00	33.45 -1.14 0.00	33.66 -1.15 0.00	40.68 -1.50 0.00	35.35 -1.39 0.00	36.57 -1.46 0.00	41.66 -1.47 0.00	50.51 -1.56 0.00	45.05 -1.50 0.00	34.60 -1.30 0.00	30.48 -1.09 0.00
NEG CENTRAL___DRP 24199	31.17 -0.26 -0.03	29.66 -0.25 0.00	29.78 -0.26 0.00	29.45 -0.30 0.00	26.15 -0.25 0.00	30.40 -0.19 0.00	34.45 -0.09 0.00	39.12 -0.13 0.00	36.46 -0.15 0.00	35.64 -0.16 0.00	35.22 -0.13 0.00	40.36 -0.09 0.00	38.68 -0.15 0.00	36.25 -0.10 0.00	34.40 -0.19 0.00	34.61 -0.21 0.00	42.33 -0.29 -0.45	37.32 -0.25 -0.83	37.81 -0.22 0.00	43.00 -0.12 0.00	52.10 0.03 0.00	46.39 -0.16 0.00	35.62 -0.27 0.00	31.41 -0.15 0.00
NEG CENTRAL___INDECK 23768	31.30 -0.41 -0.31	29.56 -0.35 0.00	29.72 -0.32 0.00	29.39 -0.36 0.00	26.08 -0.32 0.00	30.44 -0.15 0.00	34.63 0.08 0.00	39.46 0.21 0.00	36.82 0.21 0.00	35.90 0.09 0.00	35.53 0.17 0.00	40.79 0.34 0.00	38.92 0.08 0.00	36.66 0.31 0.00	34.87 0.28 0.00	34.94 0.13 0.00	46.75 0.00 -4.58	45.29 0.02 -8.53	38.27 0.24 0.00	43.69 0.57 0.00	53.24 1.17 0.00	47.35 0.80 0.00	36.22 0.32 0.00	31.90 0.35 0.00
NEG CENTRAL___SENECA 23627	31.14 -0.32 -0.05	29.65 -0.26 0.00	29.77 -0.27 0.00	29.43 -0.33 0.00	26.13 -0.27 0.00	30.39 -0.19 0.00	34.51 -0.04 0.00	39.20 -0.05 0.00	36.54 -0.07 0.00	35.73 -0.08 0.00	35.29 -0.07 0.00	40.48 0.03 0.00	38.78 -0.05 0.00	36.38 0.04 0.00	34.47 -0.12 0.00	34.66 -0.15 0.00	42.68 -0.20 -0.71	37.90 -0.16 -1.32	37.91 -0.12 0.00	43.15 0.03 0.00	52.38 0.31 0.00	46.60 0.05 0.00	35.69 -0.21 0.00	31.46 -0.10 0.00
NEG CENTRAL___STATE_STREET 24147	31.47 0.05 -0.01	29.88 -0.04 0.00	29.96 -0.08 0.00	29.66 -0.10 0.00	26.39 -0.01 0.00	30.67 0.08 0.00	34.73 0.18 0.00	39.64 0.39 0.00	36.88 0.27 0.00	35.94 0.13 0.00	35.50 0.15 0.00	40.55 0.10 0.00	38.84 0.01 0.00	36.36 0.02 0.00	34.55 -0.04 0.00	34.79 -0.01 0.00	42.30 -0.06 -0.18	36.91 -0.17 -0.33	37.97 -0.05 0.00	43.18 0.06 0.00	52.09 0.02 0.00	46.42 -0.12 0.00	35.72 -0.18 0.00	31.50 -0.06 0.00
NEG MILLWOOD___DRP 24198	32.88 1.47 0.00	31.23 1.32 0.00	31.31 1.27 0.00	30.95 1.19 0.00	27.48 1.08 0.00	31.86 1.28 0.00	36.04 1.50 0.00	41.08 1.84 0.00	38.36 1.75 0.00	37.65 1.84 0.00	37.34 1.98 0.00	42.70 2.26 0.00	41.14 2.31 0.00	38.36 2.01 0.00	36.35 1.76 0.00	36.63 1.82 0.00	44.48 2.31 0.00	38.86 2.11 0.00	40.07 2.04 0.00	45.25 2.13 0.00	54.69 2.63 0.00	48.68 2.14 0.00	37.45 1.55 0.00	32.89 1.33 0.00
NEG NORTH_FLCN_SEA 23793	31.86 0.45 0.00	30.35 0.44 0.00	30.43 0.39 0.00	30.13 0.37 0.00	26.77 0.37 0.00	31.04 0.45 0.00	35.15 0.60 0.00	40.12 0.87 0.00	37.44 0.83 0.00	36.64 0.83 0.00	35.93 0.57 0.00	41.04 0.59 0.00	39.40 0.56 0.00	37.07 0.72 0.00	35.37 0.78 0.00	35.50 0.69 0.00	42.98 0.80 0.00	37.42 0.68 0.00	38.72 0.69 0.00	44.04 0.91 0.00	53.39 1.32 0.00	47.80 1.26 0.00	36.75 0.85 0.00	32.05 0.49 0.00
NEG NORTH_KES_CHATEGAY 23792	31.52 0.11 0.00	30.01 0.10 0.00	30.13 0.08 0.00	29.83 0.07 0.00	26.46 0.07 0.00	30.71 0.13 0.00	34.79 0.24 0.00	39.64 0.39 0.00	36.98 0.38 0.00	36.12 0.31 0.00	35.49 0.14 0.00	40.64 0.20 0.00	38.96 0.12 0.00	36.61 0.26 0.00	34.92 0.33 0.00	35.07 0.27 0.00	42.49 0.32 0.00	37.06 0.31 0.00	38.45 0.42 0.00	43.76 0.63 0.00	52.85 0.78 0.00	47.32 0.78 0.00	36.41 0.51 0.00	31.78 0.22 0.00
NEG NORTH___ALICE_FALLS 23915	31.86 0.46 0.00	30.35 0.43 0.00	30.43 0.39 0.00	30.14 0.38 0.00	26.77 0.37 0.00	31.04 0.46 0.00	35.18 0.63 0.00	40.05 0.81 0.00	37.35 0.74 0.00	36.56 0.75 0.00	35.87 0.51 0.00	40.98 0.53 0.00	39.35 0.51 0.00	37.04 0.69 0.00	35.33 0.75 0.00	35.49 0.68 0.00	42.99 0.81 0.00	37.46 0.72 0.00	38.83 0.80 0.00	44.20 1.08 0.00	53.49 1.43 0.00	47.84 1.30 0.00	36.80 0.91 0.00	32.09 0.53 0.00
NEG NORTH___LWR_SARANAC 23913	31.86 0.46 0.00	30.35 0.43 0.00	30.43 0.39 0.00	30.14 0.38 0.00	26.77 0.37 0.00	31.04 0.46 0.00	35.18 0.63 0.00	40.05 0.81 0.00	37.35 0.74 0.00	36.56 0.75 0.00	35.87 0.51 0.00	40.98 0.53 0.00	39.35 0.51 0.00	37.04 0.69 0.00	35.33 0.75 0.00	35.49 0.68 0.00	42.99 0.81 0.00	37.46 0.72 0.00	38.83 0.80 0.00	44.20 1.08 0.00	53.49 1.43 0.00	47.84 1.30 0.00	36.80 0.91 0.00	32.09 0.53 0.00
NEG NORTH___PLATTSBURG 23628	31.86 0.46 0.00	30.35 0.43 0.00	30.43 0.39 0.00	30.13 0.38 0.00	26.77 0.37 0.00	31.04 0.46 0.00	35.18 0.63 0.00	40.05 0.81 0.00	37.35 0.74 0.00	36.56 0.75 0.00	35.87 0.51 0.00	40.98 0.53 0.00	39.34 0.51 0.00	37.04 0.69 0.00	35.33 0.75 0.00	35.49 0.68 0.00	42.99 0.81 0.00	37.46 0.72 0.00	38.83 0.80 0.00	44.20 1.07 0.00	53.49 1.43 0.00	47.84 1.30 0.00	36.80 0.91 0.00	32.09 0.53 0.00
NEG WEST_LEA_LOCKPORT 23791	29.09 -2.23 0.08	27.79 -2.12 0.00	27.96 -2.08 0.00	27.61 -2.15 0.00	24.48 -1.91 0.00	28.48 -2.11 0.00	32.20 -2.35 0.00	36.56 -2.69 0.00	34.33 -2.28 0.00	33.46 -2.35 0.00	32.95 -2.41 0.00	37.89 -2.56 0.00	36.24 -2.59 0.00	34.29 -2.06 0.00	32.40 -2.19 0.00	32.60 -2.21 0.00	37.85 -3.12 1.20	31.74 -2.75 2.25	35.18 -2.85 0.00	40.31 -2.81 0.00	49.24 -2.83 0.00	44.03 -2.51 0.00	33.78 -2.12 0.00	29.84 -1.72 0.00
NEG WEST___LANCASTER 23811	29.43 -1.88 0.09	28.04 -1.87 0.00	28.20 -1.84 0.00	27.89 -1.87 0.00	24.69 -1.71 0.00	28.75 -1.84 0.00	32.57 -1.98 0.00	36.99 -2.26 0.00	34.73 -1.87 0.00	33.90 -1.90 0.00	33.32 -2.03 0.00	38.36 -2.09 0.00	36.69 -2.14 0.00	34.67 -1.68 0.00	32.80 -1.79 0.00	32.94 -1.87 0.00	38.25 -2.54 1.39	31.92 -2.23 2.59	35.65 -2.38 0.00	40.83 -2.30 0.00	49.99 -2.08 0.00	44.59 -1.96 0.00	34.06 -1.84 0.00	30.05 -1.51 0.00

NEG_PENN_ALLEGHNY 23528	31.34 -0.07 0.00	29.87 -0.05 0.00	29.98 -0.06 0.00	29.64 -0.12 0.00	26.31 -0.09 0.00	30.56 -0.03 0.00	34.58 0.03 0.00	39.21 -0.04 0.00	36.56 -0.05 0.00	35.75 -0.05 0.00	35.34 -0.02 0.00	40.56 0.11 0.00	38.85 0.02 0.00	36.42 0.08 0.00	34.56 -0.03 0.00	34.78 -0.03 0.00	42.16 -0.02 0.00	36.74 0.00 0.00	37.97 -0.06 0.00	43.11 -0.02 0.00	52.30 0.23 0.00	46.58 0.03 0.00	35.74 -0.16 0.00	31.48 -0.08 0.00
NEG___GEN_MONROE 24207	30.58 -0.83 0.00	29.10 -0.82 0.00	29.22 -0.82 0.00	28.89 -0.87 0.00	25.65 -0.75 0.00	29.84 -0.75 0.00	33.81 -0.74 0.00	38.43 -0.82 0.00	36.01 -0.60 0.00	35.21 -0.60 0.00	34.67 -0.69 0.00	39.78 -0.67 0.00	38.10 -0.73 0.00	35.83 -0.52 0.00	33.95 -0.64 0.00	34.19 -0.62 0.00	41.21 -0.96 0.00	35.88 -0.87 0.00	37.16 -0.87 0.00	42.39 -0.73 0.00	51.54 -0.52 0.00	45.96 -0.58 0.00	35.25 -0.65 0.00	31.04 -0.52 0.00
NEPA___ENERGY 23901	30.07 -1.24 0.10	28.85 -1.06 0.00	29.00 -1.04 0.00	28.56 -1.20 0.00	25.36 -1.04 0.00	29.58 -1.01 0.00	33.53 -1.01 0.00	38.01 -1.24 0.00	35.54 -1.07 0.00	34.64 -1.17 0.00	34.20 -1.16 0.00	39.50 -0.94 0.00	37.83 -1.00 0.00	35.74 -0.61 0.00	33.72 -0.86 0.00	33.94 -0.87 0.00	39.54 -1.20 1.43	32.95 -1.12 2.67	36.73 -1.30 0.00	41.99 -1.13 0.00	51.48 -0.58 0.00	45.83 -0.72 0.00	34.79 -1.11 0.00	30.71 -0.85 0.00
NEVERSINK___HYD 23608	33.05 1.64 0.00	31.39 1.48 0.00	31.48 1.44 0.00	31.13 1.37 0.00	27.65 1.25 0.00	32.10 1.51 0.00	36.33 1.79 0.00	41.35 2.10 0.00	38.51 1.91 0.00	37.61 1.80 0.00	37.19 1.84 0.00	42.65 2.20 0.00	40.98 2.14 0.00	38.33 1.98 0.00	36.42 1.84 0.00	36.77 1.96 0.00	44.60 2.42 0.00	38.91 2.17 0.00	40.18 2.15 0.00	45.44 2.32 0.00	54.98 2.91 0.00	48.91 2.37 0.00	37.60 1.71 0.00	33.02 1.47 0.00
NEWKRMKL_115KV_TB1 55635	31.85 0.44 0.00	30.35 0.43 0.00	30.47 0.43 0.00	30.19 0.43 0.00	26.76 0.36 0.00	30.91 0.32 0.00	34.89 0.35 0.00	39.70 0.45 0.00	36.99 0.38 0.00	36.23 0.42 0.00	35.90 0.54 0.00	41.11 0.66 0.00	39.50 0.67 0.00	36.87 0.53 0.00	35.05 0.46 0.00	35.31 0.50 0.00	42.89 0.71 0.00	37.27 0.53 0.00	38.52 0.49 0.00	43.56 0.44 0.00	52.35 0.28 0.00	46.89 0.34 0.00	36.25 0.36 0.00	31.89 0.33 0.00
NEWTON___FALLS_HYD 23847	30.66 -0.75 0.00	29.33 -0.58 0.00	29.60 -0.44 0.00	29.46 -0.29 0.00	26.15 -0.25 0.00	30.39 -0.20 0.00	34.52 -0.02 0.00	39.23 -0.02 0.00	36.50 -0.10 0.00	35.63 -0.18 0.00	34.93 -0.43 0.00	39.47 -0.98 0.00	37.76 -1.08 0.00	35.45 -0.90 0.00	33.76 -0.83 0.00	33.78 -1.03 0.00	40.87 -1.31 0.00	35.91 -0.83 0.00	37.34 -0.69 0.00	42.63 -0.49 0.00	51.56 -0.51 0.00	46.07 -0.48 0.00	35.51 -0.39 0.00	31.15 -0.40 0.00
NGRID_A1_DSASP 323792	28.90 -2.42 0.09	27.59 -2.32 0.00	27.76 -2.28 0.00	27.42 -2.33 0.00	24.32 -2.08 0.00	28.26 -2.33 0.00	31.92 -2.62 0.00	36.22 -3.03 0.00	34.01 -2.60 0.00	33.15 -2.66 0.00	32.61 -2.74 0.00	37.50 -2.95 0.00	35.89 -2.95 0.00	33.94 -2.41 0.00	32.09 -2.50 0.00	32.27 -2.54 0.00	37.42 -3.52 1.23	31.29 -3.16 2.29	34.81 -3.21 0.00	39.92 -3.20 0.00	48.33 -3.31 0.43	43.59 -2.95 0.01	33.45 -2.44 0.00	29.56 -1.99 0.00
NGRID_A2_DSASP 323793	28.90 -2.42 0.09	27.59 -2.32 0.00	27.76 -2.28 0.00	27.42 -2.33 0.00	24.32 -2.08 0.00	28.26 -2.33 0.00	31.92 -2.62 0.00	36.22 -3.03 0.00	34.01 -2.60 0.00	33.15 -2.66 0.00	32.61 -2.74 0.00	37.50 -2.95 0.00	35.89 -2.95 0.00	33.94 -2.41 0.00	32.09 -2.50 0.00	32.27 -2.54 0.00	37.42 -3.52 1.23	31.29 -3.16 2.29	34.81 -3.21 0.00	39.92 -3.20 0.00	48.33 -3.31 0.43	43.59 -2.95 0.01	33.45 -2.44 0.00	29.56 -1.99 0.00
NGRID_A4_DSASP 323807	28.90 -2.42 0.09	27.59 -2.32 0.00	27.76 -2.28 0.00	27.42 -2.33 0.00	24.32 -2.08 0.00	28.26 -2.33 0.00	31.92 -2.62 0.00	36.22 -3.03 0.00	34.01 -2.60 0.00	33.15 -2.66 0.00	32.61 -2.74 0.00	37.50 -2.95 0.00	35.89 -2.95 0.00	33.94 -2.41 0.00	32.09 -2.50 0.00	32.27 -2.54 0.00	37.42 -3.52 1.23	31.29 -3.16 2.29	34.81 -3.21 0.00	39.92 -3.20 0.00	48.33 -3.31 0.43	43.59 -2.95 0.01	33.45 -2.44 0.00	29.56 -1.99 0.00
NIAGARA_115E_LBMP 323715	28.57 -2.76 0.08	27.29 -2.62 0.00	27.46 -2.58 0.00	27.12 -2.64 0.00	24.05 -2.35 0.00	27.95 -2.63 0.00	31.58 -2.97 0.00	35.81 -3.43 0.00	33.65 -2.96 0.00	32.79 -3.02 0.00	32.30 -3.06 0.00	37.10 -3.35 0.00	35.51 -3.32 0.00	33.61 -2.74 0.00	31.77 -2.82 0.00	31.96 -2.84 0.00	37.02 -3.92 1.24	30.99 -3.45 2.30	34.38 -3.64 0.00	39.43 -3.69 0.00	48.15 -3.92 0.00	43.11 -3.43 0.00	33.13 -2.77 0.00	29.30 -2.26 0.00
NIAGARA_115W_LBMP 323714	28.84 -2.48 0.09	27.54 -2.38 0.00	27.70 -2.34 0.00	27.37 -2.39 0.00	24.26 -2.13 0.00	28.19 -2.40 0.00	31.85 -2.70 0.00	36.13 -3.11 0.00	33.92 -2.69 0.00	33.07 -2.74 0.00	32.54 -2.81 0.00	37.40 -3.05 0.00	35.80 -3.03 0.00	33.86 -2.49 0.00	32.02 -2.57 0.00	32.21 -2.60 0.00	37.34 -3.60 1.23	31.23 -3.22 2.29	34.72 -3.30 0.00	39.83 -3.29 0.00	48.19 -3.45 0.43	43.49 -3.05 0.01	33.38 -2.52 0.00	29.50 -2.06 0.00
NIAGARA_230_LBMP 323716	28.96 -2.36 0.08	27.64 -2.28 0.00	27.81 -2.23 0.00	27.46 -2.29 0.00	24.34 -2.06 0.00	28.29 -2.30 0.00	31.95 -2.60 0.00	36.26 -2.99 0.00	34.04 -2.57 0.00	33.17 -2.64 0.00	32.63 -2.73 0.00	37.51 -2.94 0.00	35.91 -2.92 0.00	33.95 -2.40 0.00	32.10 -2.49 0.00	32.29 -2.52 0.00	37.50 -3.48 1.20	31.40 -3.11 2.23	34.86 -3.17 0.00	39.97 -3.15 0.00	48.81 -3.26 0.00	43.65 -2.89 0.00	33.49 -2.40 0.00	29.59 -1.97 0.00
NIAGARA___115KV_198_GIBSON 55903	28.84 -2.48 0.09	27.53 -2.38 0.00	27.71 -2.34 0.00	27.37 -2.39 0.00	24.26 -2.14 0.00	28.19 -2.39 0.00	31.85 -2.70 0.00	36.14 -3.11 0.00	33.92 -2.68 0.00	33.07 -2.74 0.00	32.54 -2.81 0.00	37.41 -3.04 0.00	35.80 -3.03 0.00	33.86 -2.49 0.00	32.02 -2.57 0.00	32.20 -2.61 0.00	37.33 -3.62 1.23	31.22 -3.24 2.29	34.72 -3.31 0.00	39.83 -3.30 0.00	48.20 -3.44 0.43	43.49 -3.05 0.01	33.38 -2.52 0.00	29.50 -2.06 0.00
NIAGARA____ 23760	28.96 -2.36 0.09	27.64 -2.28 0.00	27.81 -2.23 0.00	27.46 -2.29 0.00	24.34 -2.06 0.00	28.29 -2.30 0.00	31.95 -2.60 0.00	36.26 -2.99 0.00	34.04 -2.57 0.00	33.17 -2.64 0.00	32.63 -2.73 0.00	37.51 -2.94 0.00	35.91 -2.92 0.00	33.95 -2.40 0.00	32.10 -2.49 0.00	32.29 -2.52 0.00	37.48 -3.48 1.21	31.38 -3.11 2.26	34.86 -3.17 0.00	39.97 -3.15 0.00	48.74 -3.26 0.07	43.65 -2.89 0.00	33.49 -2.40 0.00	29.59 -1.97 0.00
NINE_MILE_1 23575	30.51 -0.90 0.00	29.05 -0.87 0.00	29.18 -0.86 0.00	28.89 -0.86 0.00	25.63 -0.77 0.00	29.70 -0.89 0.00	33.48 -1.07 0.00	37.90 -1.35 0.00	35.37 -1.24 0.00	34.59 -1.22 0.00	34.16 -1.20 0.00	39.09 -1.36 0.00	37.47 -1.36 0.00	35.05 -1.29 0.00	33.36 -1.23 0.00	33.58 -1.23 0.00	40.60 -1.58 0.00	35.39 -1.36 0.00	36.62 -1.41 0.00	41.54 -1.59 0.00	50.20 -1.86 0.00	44.84 -1.70 0.00	34.64 -1.26 0.00	30.60 -0.95 0.00

NINE_MILE_2 23744	30.51 -0.90 0.00	29.05 -0.86 0.00	29.19 -0.85 0.00	28.90 -0.86 0.00	25.64 -0.76 0.00	29.71 -0.88 0.00	33.48 -1.06 0.00	37.90 -1.35 0.00	35.37 -1.24 0.00	34.59 -1.22 0.00	34.17 -1.19 0.00	39.09 -1.36 0.00	37.48 -1.36 0.00	35.06 -1.28 0.00	33.36 -1.23 0.00	33.58 -1.23 0.00	40.60 -1.57 0.00	35.39 -1.36 0.00	36.62 -1.41 0.00	41.55 -1.57 0.00	50.20 -1.86 0.00	44.84 -1.70 0.00	34.64 -1.26 0.00	30.60 -0.95 0.00
NM_CAPITAL___DRP 24208	31.89 0.48 0.00	30.38 0.46 0.00	30.51 0.46 0.00	30.24 0.48 0.00	26.78 0.39 0.00	30.95 0.36 0.00	34.93 0.39 0.00	39.76 0.51 0.00	37.04 0.43 0.00	36.28 0.47 0.00	35.95 0.60 0.00	41.15 0.70 0.00	39.54 0.71 0.00	36.91 0.56 0.00	35.12 0.53 0.00	35.37 0.56 0.00	42.92 0.74 0.00	37.29 0.55 0.00	38.55 0.52 0.00	43.61 0.48 0.00	52.40 0.34 0.00	46.95 0.41 0.00	36.31 0.41 0.00	31.92 0.36 0.00
NM_CENTRAL___DRP 24181	31.08 -0.33 0.00	29.61 -0.30 0.00	29.73 -0.31 0.00	29.44 -0.32 0.00	26.12 -0.28 0.00	30.30 -0.29 0.00	34.20 -0.34 0.00	38.76 -0.49 0.00	36.19 -0.42 0.00	35.39 -0.42 0.00	34.97 -0.39 0.00	39.99 -0.46 0.00	38.25 -0.59 0.00	35.82 -0.53 0.00	34.05 -0.54 0.00	34.27 -0.53 0.00	41.48 -0.70 0.00	36.14 -0.60 0.00	37.39 -0.64 0.00	42.43 -0.70 0.00	51.32 -0.75 0.00	45.78 -0.77 0.00	35.30 -0.60 0.00	31.16 -0.40 0.00
NM_FRONTIER___DRP 24179	28.84 -2.48 0.09	27.53 -2.38 0.00	27.71 -2.34 0.00	27.37 -2.39 0.00	24.26 -2.14 0.00	28.19 -2.39 0.00	31.85 -2.70 0.00	36.14 -3.11 0.00	33.92 -2.68 0.00	33.07 -2.74 0.00	32.54 -2.81 0.00	37.41 -3.04 0.00	35.80 -3.03 0.00	33.86 -2.49 0.00	32.02 -2.57 0.00	32.20 -2.61 0.00	37.33 -3.62 1.23	31.22 -3.24 2.29	34.72 -3.31 0.00	39.83 -3.30 0.00	48.20 -3.44 0.43	43.49 -3.05 0.01	33.38 -2.52 0.00	29.50 -2.06 0.00
NM_ST_REGIS___HYD 24053	31.13 -0.28 0.00	29.68 -0.24 0.00	29.84 -0.20 0.00	29.63 -0.13 0.00	26.29 -0.11 0.00	30.53 -0.06 0.00	34.65 0.10 0.00	39.47 0.22 0.00	36.74 0.13 0.00	35.83 0.02 0.00	35.09 -0.27 0.00	39.74 -0.71 0.00	38.10 -0.73 0.00	35.81 -0.54 0.00	34.18 -0.41 0.00	34.15 -0.66 0.00	41.21 -0.96 0.00	36.15 -0.59 0.00	37.60 -0.43 0.00	43.00 -0.13 0.00	52.07 0.00 0.00	46.61 0.06 0.00	35.99 0.09 0.00	31.48 -0.08 0.00
NORTHPORT___1 23551	33.06 1.66 0.00	31.31 1.40 0.00	31.34 1.29 0.00	30.93 1.17 0.00	27.46 1.06 0.00	31.82 1.23 0.00	35.97 1.42 0.00	40.92 1.67 0.00	38.28 1.67 0.00	37.70 1.89 0.00	37.41 1.98 -0.08	46.12 2.49 -3.19	41.99 2.75 -0.41	43.86 2.43 -5.08	36.56 1.96 -0.01	36.36 1.55 0.00	44.01 1.84 0.00	38.64 1.89 -0.01	39.95 1.70 -0.22	49.11 1.81 -4.18	54.24 2.17 0.00	48.41 1.77 -0.10	38.75 1.60 -1.26	45.49 1.38 -12.55
NORTHPORT___2 23552	33.00 1.60 0.00	31.25 1.34 0.00	31.28 1.23 0.00	30.88 1.12 0.00	27.41 1.01 0.00	31.76 1.17 0.00	35.91 1.37 0.00	40.87 1.62 0.00	38.20 1.59 0.00	37.62 1.81 0.00	37.37 1.94 -0.08	46.06 2.43 -3.19	41.92 2.68 -0.41	43.82 2.38 -5.09	36.50 1.90 -0.01	36.29 1.48 0.00	43.87 1.70 0.00	38.46 1.73 0.02	39.01 1.53 0.55	34.43 1.66 10.36	54.24 2.17 0.00	48.41 1.77 -0.10	38.75 1.60 -1.26	45.49 1.38 -12.55
NORTHPORT___3 23553	32.99 1.58 0.00	31.25 1.33 0.00	31.28 1.23 0.00	30.87 1.11 0.00	27.41 1.01 0.00	31.76 1.17 0.00	35.91 1.37 0.00	40.87 1.62 0.00	38.20 1.59 0.00	37.61 1.80 0.00	37.37 1.94 -0.08	46.07 2.43 -3.20	41.91 2.67 -0.41	43.82 2.36 -5.11	36.49 1.90 -0.01	36.29 1.48 0.00	43.87 1.70 0.00	38.46 1.73 0.01	39.21 1.50 0.32	38.69 1.62 6.06	54.17 2.10 0.00	48.36 1.71 -0.10	38.70 1.55 -1.26	45.50 1.35 -12.59
NORTHPORT___4 23650	32.99 1.58 0.00	31.25 1.33 0.00	31.28 1.23 0.00	30.87 1.11 0.00	27.41 1.01 0.00	31.76 1.17 0.00	35.91 1.37 0.00	40.87 1.62 0.00	38.20 1.59 0.00	37.61 1.80 0.00	37.37 1.94 -0.08	46.07 2.43 -3.20	41.91 2.67 -0.41	43.82 2.36 -5.11	36.49 1.90 -0.01	36.29 1.48 0.00	43.87 1.70 0.00	38.46 1.73 0.01	39.21 1.50 0.32	38.69 1.62 6.06	54.17 2.10 0.00	48.36 1.71 -0.10	38.70 1.55 -1.26	45.50 1.35 -12.59
NORTHPORT___IC 23718	33.00 1.60 0.00	31.25 1.34 0.00	31.28 1.23 0.00	30.88 1.12 0.00	27.41 1.01 0.00	31.76 1.17 0.00	35.91 1.36 0.00	40.87 1.62 0.00	38.20 1.59 0.00	37.63 1.82 0.00	37.37 1.94 -0.08	46.06 2.43 -3.19	41.92 2.68 -0.41	43.82 2.38 -5.09	36.50 1.90 -0.01	36.29 1.48 0.00	43.88 1.70 0.00	38.45 1.73 0.02	39.01 1.53 0.55	34.43 1.66 10.36	54.21 2.14 0.00	48.41 1.76 -0.10	38.75 1.60 -1.26	45.49 1.38 -12.55
NORTH___COUNTRY_ESR 323785	31.47 0.06 0.00	29.98 0.06 0.00	30.08 0.04 0.00	29.79 0.03 0.00	26.43 0.03 0.00	30.66 0.07 0.00	34.72 0.17 0.00	39.56 0.31 0.00	36.92 0.31 0.00	36.11 0.30 0.00	35.49 0.14 0.00	40.64 0.20 0.00	38.96 0.12 0.00	36.61 0.26 0.00	34.92 0.33 0.00	35.07 0.27 0.00	42.47 0.29 0.00	37.01 0.27 0.00	38.39 0.36 0.00	43.67 0.54 0.00	52.75 0.68 0.00	47.22 0.67 0.00	36.33 0.44 0.00	31.72 0.16 0.00
NPX_GEN_1385_PROXY 323591	33.00 1.60 0.00	31.25 1.34 0.00	31.28 1.23 0.00	30.88 1.12 0.00	27.41 1.01 0.00	31.76 1.17 0.00	35.91 1.37 0.00	40.87 1.62 0.00	38.20 1.59 0.00	37.62 1.81 0.00	37.37 1.94 -0.08	46.06 2.43 -3.19	41.92 2.68 -0.41	43.82 2.38 -5.09	36.50 1.90 -0.01	36.29 1.48 0.00	43.87 1.70 0.00	38.46 1.73 0.02	39.01 1.53 0.55	28.75 1.66 16.04	54.24 2.17 0.00	48.41 1.77 -0.10	38.75 1.60 -1.26	45.49 1.38 -12.55
NPX_GEN_CSC 323557	33.31 1.90 0.00	31.51 1.60 0.00	31.51 1.47 0.00	31.10 1.34 0.00	27.60 1.21 0.00	31.97 1.38 0.00	36.14 1.60 0.00	41.08 1.84 0.00	38.54 1.93 0.00	38.02 2.21 0.00	37.41 1.97 -0.08	46.29 2.62 -3.23	42.39 3.14 -0.42	44.38 2.89 -5.15	36.98 2.39 -0.01	36.68 1.87 0.00	44.46 2.28 0.00	39.20 2.45 0.00	40.40 2.24 -0.13	42.42 2.58 3.28	55.38 3.31 0.00	49.51 2.86 -0.10	39.49 2.32 -1.27	46.19 1.93 -12.70
NSINS_S___GLNS_FALLS 23858	32.81 1.41 0.00	31.27 1.35 0.00	31.47 1.42 0.00	31.15 1.40 0.00	27.65 1.25 0.00	32.07 1.48 0.00	36.39 1.85 0.00	41.53 2.28 0.00	38.59 1.98 0.00	37.50 1.70 0.00	36.92 1.56 0.00	42.19 1.74 0.00	40.53 1.70 0.00	37.86 1.51 0.00	36.04 1.45 0.00	36.43 1.62 0.00	44.61 2.43 0.00	38.81 2.07 0.00	40.19 2.17 0.00	45.60 2.48 0.00	54.97 2.90 0.00	49.13 2.59 0.00	37.70 1.81 0.00	32.98 1.42 0.00
NUCOR_STEEL___DRP 24197	31.45 0.05 0.00	29.86 -0.05 0.00	29.94 -0.10 0.00	29.64 -0.12 0.00	26.37 -0.02 0.00	30.66 0.07 0.00	34.71 0.16 0.00	39.66 0.41 0.00	36.88 0.28 0.00	35.93 0.12 0.00	35.48 0.12 0.00	40.51 0.06 0.00	38.81 -0.02 0.00	36.32 -0.03 0.00	34.52 -0.06 0.00	34.78 -0.03 0.00	42.08 -0.10 0.00	36.53 -0.21 0.00	37.93 -0.09 0.00	43.14 0.01 0.00	52.01 -0.06 0.00	46.34 -0.21 0.00	35.67 -0.22 0.00	31.46 -0.10 0.00

NUMBER_THREE_WT_PWR 323818	30.93 -0.48 0.00	29.70 -0.22 0.00	30.07 0.03 0.00	30.00 0.24 0.00	26.65 0.25 0.00	31.02 0.43 0.00	35.25 0.71 0.00	40.00 0.75 0.00	37.23 0.63 0.00	36.36 0.55 0.00	35.68 0.33 0.00	40.43 -0.02 0.00	38.60 -0.23 0.00	36.21 -0.14 0.00	34.43 -0.17 0.00	34.50 -0.31 0.00	41.86 -0.32 0.00	36.87 0.13 0.00	38.31 0.28 0.00	43.58 0.46 0.00	52.58 0.51 0.00	46.88 0.33 0.00	35.98 0.09 0.00	31.63 0.07 0.00
NYISO_LBMP_REFERENCE 24008	31.41 0.00 0.00	29.91 0.00 0.00	30.04 0.00 0.00	29.76 0.00 0.00	26.40 0.00 0.00	30.59 0.00 0.00	34.55 0.00 0.00	39.25 0.00 0.00	36.61 0.00 0.00	35.81 0.00 0.00	35.36 0.00 0.00	40.45 0.00 0.00	38.83 0.00 0.00	36.35 0.00 0.00	34.59 0.00 0.00	34.81 0.00 0.00	42.18 0.00 0.00	36.74 0.00 0.00	38.03 0.00 0.00	43.13 0.00 0.00	52.07 0.00 0.00	46.55 0.00 0.00	35.90 0.00 0.00	31.56 0.00 0.00
NYPA_BRENTWD____GT 24164	33.40 1.99 0.00	31.61 1.70 0.00	31.63 1.58 0.00	31.22 1.46 0.00	27.72 1.32 0.00	32.12 1.53 0.00	36.34 1.79 0.00	41.36 2.12 0.00	38.70 2.10 0.00	38.13 2.32 0.00	37.83 2.39 -0.08	46.70 2.96 -3.29	42.48 3.23 -0.42	44.49 2.89 -5.25	36.92 2.32 -0.01	36.69 1.88 0.00	44.44 2.27 0.00	39.09 2.35 0.00	40.33 2.18 -0.12	47.86 2.44 -2.30	55.15 3.08 0.00	49.21 2.56 -0.10	39.32 2.12 -1.30	46.31 1.79 -12.95
NYPA_GOWANUS____GT5 24156	32.89 1.48 0.00	31.26 1.35 0.00	31.34 1.30 0.00	30.98 1.22 0.00	27.56 1.16 0.00	31.93 1.34 0.00	36.10 1.56 0.00	41.17 1.92 0.00	38.46 1.85 0.00	37.78 1.97 0.00	37.50 2.14 0.00	43.02 2.57 0.00	41.50 2.67 0.00	38.72 2.37 0.00	36.65 2.06 0.00	36.83 2.02 0.00	44.75 2.57 0.00	39.12 2.38 0.00	40.29 2.26 -0.01	45.41 2.27 -0.01	54.87 2.79 -0.01	48.82 2.27 -0.01	37.61 1.72 0.00	33.01 1.46 0.00
NYPA_GOWANUS____GT6 24157	32.89 1.48 0.00	31.26 1.35 0.00	31.34 1.30 0.00	30.98 1.22 0.00	27.56 1.16 0.00	31.93 1.34 0.00	36.10 1.56 0.00	41.17 1.92 0.00	38.46 1.85 0.00	37.78 1.97 0.00	37.50 2.14 0.00	43.02 2.57 0.00	41.50 2.67 0.00	38.72 2.37 0.00	36.65 2.06 0.00	36.83 2.02 0.00	44.75 2.57 0.00	39.12 2.38 0.00	40.29 2.26 -0.01	45.41 2.27 -0.01	54.87 2.79 -0.01	48.82 2.27 -0.01	37.61 1.72 0.00	33.01 1.46 0.00
NYPA_HARLEM__RVR__GT1 24160	32.86 1.46 0.00	31.19 1.28 0.00	31.24 1.20 0.00	30.88 1.12 0.00	27.47 1.07 0.00	31.83 1.24 0.00	35.85 1.31 0.00	40.89 1.65 0.00	38.20 1.59 0.00	37.47 1.66 0.00	37.20 1.84 0.00	42.69 2.24 0.00	41.21 2.38 0.00	38.38 2.03 0.00	36.34 1.74 0.00	36.57 1.76 0.00	44.38 2.21 0.00	38.82 2.08 0.00	39.93 1.90 0.00	44.98 1.86 0.00	54.21 2.16 0.02	48.32 1.78 0.00	37.30 1.41 0.00	32.78 1.22 0.00
NYPA_HARLEM__RVR__GT2 24161	32.86 1.46 0.00	31.19 1.28 0.00	31.24 1.20 0.00	30.88 1.12 0.00	27.47 1.07 0.00	31.83 1.24 0.00	35.85 1.31 0.00	40.89 1.65 0.00	38.20 1.59 0.00	37.47 1.66 0.00	37.20 1.84 0.00	42.69 2.24 0.00	41.21 2.38 0.00	38.38 2.03 0.00	36.34 1.74 0.00	36.57 1.76 0.00	44.38 2.21 0.00	38.82 2.08 0.00	39.93 1.90 0.00	44.98 1.86 0.00	54.21 2.16 0.02	48.32 1.78 0.00	37.30 1.41 0.00	32.78 1.22 0.00
NYPA_KENT____GT 24152	32.86 1.46 0.00	31.24 1.32 0.00	31.31 1.27 0.00	30.95 1.20 0.00	27.53 1.14 0.00	31.90 1.31 0.00	36.05 1.50 0.00	41.11 1.86 0.00	38.41 1.81 0.00	37.73 1.92 0.00	37.45 2.09 0.00	42.95 2.50 0.00	41.44 2.61 0.00	38.64 2.29 0.00	36.56 1.97 0.00	36.78 1.97 0.00	44.66 2.48 0.00	39.05 2.31 0.00	40.19 2.16 0.00	45.28 2.15 0.00	54.71 2.63 0.00	48.68 2.13 0.00	37.51 1.61 0.00	32.93 1.37 0.00
NYPA_POUCH1____GT 24155	32.89 1.48 0.00	31.26 1.34 0.00	31.34 1.30 0.00	31.00 1.24 0.00	27.61 1.21 0.00	31.99 1.41 0.00	36.17 1.62 0.00	41.21 1.97 0.00	38.47 1.86 0.00	37.79 1.98 0.00	37.49 2.14 0.00	43.03 2.58 0.00	41.50 2.66 0.00	38.68 2.33 0.00	36.61 2.02 0.00	36.81 2.01 0.00	44.75 2.57 0.00	39.07 2.32 0.00	40.23 2.20 -0.01	45.34 2.21 -0.01	54.80 2.73 -0.01	48.77 2.22 -0.01	37.58 1.68 0.00	32.98 1.43 0.00
NYPA_VERNON____GT2 24162	32.84 1.43 0.00	31.21 1.30 0.00	31.29 1.25 0.00	30.93 1.18 0.00	27.51 1.11 0.00	31.87 1.29 0.00	35.99 1.45 0.00	41.05 1.80 0.00	38.37 1.76 0.00	37.67 1.86 0.00	37.39 2.04 0.00	42.89 2.44 0.00	41.38 2.55 0.00	38.56 2.21 0.00	36.49 1.90 0.00	36.72 1.90 0.00	44.57 2.39 0.00	38.96 2.22 0.00	40.09 2.06 0.00	45.17 2.04 0.00	54.55 2.47 0.00	48.54 1.99 0.00	37.41 1.51 0.00	32.85 1.29 0.00
NYPA_VERNON____GT3 24163	32.84 1.43 0.00	31.21 1.30 0.00	31.29 1.25 0.00	30.93 1.18 0.00	27.51 1.11 0.00	31.87 1.29 0.00	35.99 1.45 0.00	41.05 1.80 0.00	38.37 1.76 0.00	37.67 1.86 0.00	37.39 2.04 0.00	42.89 2.44 0.00	41.38 2.55 0.00	38.56 2.21 0.00	36.49 1.90 0.00	36.72 1.90 0.00	44.57 2.39 0.00	38.96 2.22 0.00	40.09 2.06 0.00	45.17 2.04 0.00	54.55 2.47 0.00	48.54 1.99 0.00	37.41 1.51 0.00	32.85 1.29 0.00
NYPA__ASTORIA_CC1 323568	32.79 1.38 0.00	31.18 1.26 0.00	31.25 1.21 0.00	30.90 1.14 0.00	27.48 1.09 0.00	31.83 1.24 0.00	35.92 1.37 0.00	40.97 1.72 0.00	38.30 1.70 0.00	37.60 1.80 0.00	37.32 1.97 0.00	42.81 2.36 0.00	41.31 2.48 0.00	38.50 2.15 0.00	36.41 1.82 0.00	36.64 1.83 0.00	44.48 2.30 0.00	38.88 2.14 0.00	40.00 1.98 0.00	45.07 1.94 0.00	54.43 2.37 0.00	48.43 1.88 0.00	37.34 1.44 0.00	32.79 1.23 0.00
NYPA__ASTORIA_CC2 323569	32.79 1.38 0.00	31.18 1.26 0.00	31.25 1.21 0.00	30.90 1.14 0.00	27.48 1.09 0.00	31.83 1.24 0.00	35.92 1.37 0.00	40.97 1.72 0.00	38.30 1.70 0.00	37.60 1.80 0.00	37.32 1.97 0.00	42.81 2.36 0.00	41.31 2.48 0.00	38.50 2.15 0.00	36.41 1.82 0.00	36.64 1.83 0.00	44.48 2.30 0.00	38.88 2.14 0.00	40.00 1.98 0.00	45.07 1.94 0.00	54.43 2.37 0.00	48.43 1.88 0.00	37.34 1.44 0.00	32.79 1.23 0.00
NYPA__HOLTSVILL 23794	33.25 1.84 0.00	31.46 1.55 0.00	31.48 1.44 0.00	31.07 1.31 0.00	27.58 1.18 0.00	31.92 1.33 0.00	36.05 1.50 0.00	40.97 1.72 0.00	38.38 1.78 0.00	37.84 2.03 0.00	37.49 2.05 -0.08	46.29 2.62 -3.22	42.22 2.97 -0.42	44.14 2.66 -5.14	36.77 2.18 -0.01	36.50 1.69 0.00	44.22 2.04 0.00	38.92 2.18 0.00	40.13 1.97 -0.13	47.81 2.19 -2.49	54.86 2.79 0.00	49.02 2.37 -0.10	39.15 1.99 -1.27	45.90 1.66 -12.68
NYPA__HELLGATE_GT1 24158	32.86 1.46 0.00	31.19 1.28 0.00	31.24 1.20 0.00	30.88 1.12 0.00	27.47 1.07 0.00	31.83 1.24 0.00	35.86 1.31 0.00	40.89 1.65 0.00	38.20 1.59 0.00	37.47 1.66 0.00	37.20 1.84 0.00	42.69 2.24 0.00	41.21 2.38 0.00	38.38 2.03 0.00	36.34 1.74 0.00	36.57 1.76 0.00	44.38 2.21 0.00	38.82 2.08 0.00	39.93 1.90 0.00	44.98 1.86 0.00	54.23 2.17 0.00	48.32 1.78 0.00	37.30 1.41 0.00	32.78 1.22 0.00

NYPA_____HELLGATE_GT2 24159	32.86	31.19	31.24	30.88	27.47	31.83	35.86	40.89	38.20	37.47	37.20	42.69	41.21	38.38	36.34	36.57	44.38	38.82	39.93	44.98	54.23	48.32	37.30	32.78
	1.46	1.28	1.20	1.12	1.07	1.24	1.31	1.65	1.59	1.66	1.84	2.24	2.38	2.03	1.74	1.76	2.21	2.08	1.90	1.86	2.17	1.78	1.41	1.22
	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	29.11	27.81	27.98	27.62	24.50	28.50	32.22	36.59	34.36	33.48	32.98	37.91	36.28	34.32	32.44	32.65	37.97	31.94	35.20	40.36	49.25	44.06	33.80	29.85
	-2.21	-2.11	-2.06	-2.14	-1.90	-2.08	-2.32	-2.65	-2.25	-2.33	-2.37	-2.54	-2.55	-2.02	-2.15	-2.16	-3.08	-2.70	-2.83	-2.77	-2.82	-2.49	-2.10	-1.70
	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	0.00	1.13	2.11	0.00	0.00	0.00	0.00	0.00	0.00
OAK ORCHARD____HYD 24046	30.51	29.03	29.15	28.85	25.59	29.75	33.68	38.30	35.86	35.04	34.54	39.62	37.96	35.67	33.83	34.05	41.07	35.75	37.02	42.21	51.26	45.72	35.09	30.91
	-0.90	-0.89	-0.89	-0.91	-0.81	-0.84	-0.87	-0.95	-0.75	-0.77	-0.82	-0.83	-0.87	-0.68	-0.76	-0.76	-1.11	-0.99	-1.01	-0.92	-0.81	-0.82	-0.80	-0.64
	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
OAKDALE____35_KV_LOAD 356122	31.31	29.84	29.95	29.62	26.29	30.52	34.52	39.14	36.49	35.69	35.28	40.48	38.79	36.37	34.51	34.72	42.08	36.67	37.89	43.01	52.17	46.48	35.68	31.44
	-0.10	-0.08	-0.09	-0.14	-0.11	-0.07	-0.02	-0.11	-0.12	-0.12	-0.07	0.03	-0.04	0.02	-0.08	-0.09	-0.10	-0.07	-0.13	-0.12	0.10	-0.06	-0.21	-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
OCC_CHEM____DRP 24175	28.90	27.59	27.76	27.42	24.32	28.26	31.92	36.22	34.01	33.15	32.61	37.50	35.89	33.94	32.09	32.27	37.42	31.29	34.81	39.92	48.33	43.59	33.45	29.56
	-2.42	-2.32	-2.28	-2.33	-2.08	-2.33	-2.62	-3.03	-2.60	-2.66	-2.74	-2.95	-2.95	-2.41	-2.50	-2.54	-3.52	-3.16	-3.21	-3.20	-3.31	-2.95	-2.44	-1.99
	0.09	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	1.23	2.29	0.00	0.00	0.43	0.01	0.00	0.00
OH_GEN_PROXY 24063	29.05	27.71	27.88	27.54	24.41	28.38	32.06	36.40	34.16	33.29	32.74	37.64	36.04	34.06	32.21	32.39	37.80	31.79	35.01	34.47	49.01	43.81	33.58	29.65
	-2.28	-2.20	-2.17	-2.22	-1.99	-2.21	-2.49	-2.84	-2.45	-2.52	-2.62	-2.81	-2.80	-2.29	-2.39	-2.42	-3.31	-2.96	-3.02	-2.98	-3.06	-2.73	-2.31	-1.91
	0.07	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	1.07	2.00	0.00	5.68	0.00	0.00	0.00	0.00
OLIN_CORP_DRP 24177	28.63	27.35	27.52	27.17	24.10	28.02	31.65	35.90	33.73	32.86	32.36	37.19	35.58	33.67	31.83	32.03	37.08	30.99	34.48	39.53	48.29	43.21	33.19	29.36
	-2.69	-2.56	-2.52	-2.58	-2.29	-2.57	-2.90	-3.35	-2.88	-2.94	-2.99	-3.26	-3.25	-2.67	-2.76	-2.78	-3.84	-3.40	-3.55	-3.59	-3.78	-3.34	-2.70	-2.19
	0.09	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	1.26	2.35	0.00	0.00	0.00	0.00	0.00	0.00
OLIN_CORP_DSASP 323712	28.90	27.59	27.76	27.42	24.32	28.26	31.92	36.22	34.01	33.15	32.61	37.50	35.89	33.94	32.09	32.27	37.42	31.29	34.81	39.92	48.33	43.59	33.45	29.56
	-2.42	-2.32	-2.28	-2.33	-2.08	-2.33	-2.62	-3.03	-2.60	-2.66	-2.74	-2.95	-2.95	-2.41	-2.50	-2.54	-3.52	-3.16	-3.21	-3.20	-3.31	-2.95	-2.44	-1.99
	0.09	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	1.23	2.29	0.00	0.00	0.43	0.01	0.00	0.00
ONEIDA_HERK_LFGE 323681	31.65	30.27	30.51	30.34	26.94	31.32	35.56	40.37	37.62	36.75	36.11	41.09	39.27	36.79	35.00	35.22	42.79	37.53	38.95	44.28	53.47	47.65	36.59	32.14
	0.25	0.35	0.47	0.58	0.54	0.73	1.01	1.12	1.01	0.94	0.76	0.64	0.44	0.44	0.41	0.41	0.61	0.79	0.93	1.15	1.40	1.10	0.69	0.58
	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	32.00	30.50	30.64	30.37	26.95	31.32	35.48	40.26	37.57	36.72	36.17	41.26	39.45	36.94	35.16	35.46	43.10	37.65	39.03	44.32	53.58	47.74	36.69	32.26
	0.60	0.59	0.60	0.61	0.55	0.73	0.93	1.01	0.97	0.91	0.81	0.81	0.62	0.59	0.57	0.65	0.93	0.91	1.00	1.20	1.51	1.19	0.80	0.70
	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
ONONDAGA_REF_OCCRA 23987	31.25	29.76	29.88	29.58	26.25	30.46	34.41	39.00	36.39	35.58	35.16	40.20	38.51	36.06	34.27	34.49	41.78	36.41	37.68	42.76	51.73	46.14	35.54	31.36
	-0.16	-0.15	-0.16	-0.17	-0.15	-0.13	-0.14	-0.25	-0.22	-0.23	-0.19	-0.25	-0.32	-0.29	-0.32	-0.31	-0.39	-0.33	-0.35	-0.36	-0.34	-0.41	-0.36	-0.20
	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
ONONDAGA____COGEN 23986	31.20	29.71	29.84	29.54	26.21	30.42	34.37	38.91	36.28	35.49	35.08	40.15	38.46	35.99	34.22	34.44	41.70	36.33	37.61	42.69	51.59	46.01	35.46	31.30
	-0.21	-0.21	-0.21	-0.22	-0.19	-0.17	-0.18	-0.33	-0.33	-0.31	-0.28	-0.30	-0.37	-0.36	-0.37	-0.37	-0.47	-0.41	-0.42	-0.44	-0.48	-0.53	-0.43	-0.26
	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
ONTARIO____LFGE 23819	31.14	29.65	29.77	29.43	26.12	30.40	34.51	39.21	36.53	35.73	35.29	40.47	38.78	36.38	34.47	34.67	42.68	37.90	37.91	43.16	52.38	46.60	35.69	31.46
	-0.32	-0.26	-0.27	-0.33	-0.27	-0.19	-0.04	-0.04	-0.07	-0.08	-0.07	0.02	-0.05	0.04	-0.12	-0.14	-0.20	-0.16	-0.12	0.03	0.31	0.05	-0.21	-0.10
	-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	0.00	-0.71	-1.32	0.00	0.00	0.00	0.00	0.00	0.00
ORANGEVILLE_WT_PWR 323706	29.07	28.04	28.29	27.94	24.74	28.86	32.71	37.18	34.70	33.91	33.49	38.59	36.87	34.86	32.95	33.02	35.60	26.90	35.91	41.14	50.21	44.78	34.31	30.33
	-2.06	-1.87	-1.76	-1.82	-1.66	-1.73	-1.84	-2.07	-1.90	-1.90	-1.87	-1.86	-1.96	-1.49	-1.64	-1.79	-2.43	-2.10	-2.12	-1.99	-1.86	-1.77	-1.58	-1.23
	0.28	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	4.15	7.74	0.00	0.00	0.00	0.00	0.00	0.00
ORANGEVILLE____ESR 323794	29.07	28.04	28.29	27.94	24.74	28.86	32.71	37.18	34.70	33.91	33.49	38.59	36.87	34.86	32.95	33.02	35.60	26.90	35.91	41.14	50.21	44.78	34.31	30.33
	-2.06	-1.87	-1.76	-1.82	-1.66	-1.73	-1.84	-2.07	-1.90	-1.90	-1.87	-1.86	-1.96	-1.49	-1.64	-1.79	-2.43	-2.10	-2.12	-1.99	-1.86	-1.77	-1.58	-1.23
	0.28	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	4.15	7.74	0.00	0.00	0.00	0.00	0.00	0.00

OSWEGATCHIE___HYD 24044	30.66 -0.75 0.00	29.33 -0.58 0.00	29.60 -0.44 0.00	29.46 -0.29 0.00	26.15 -0.25 0.00	30.39 -0.20 0.00	34.52 -0.02 0.00	39.23 -0.02 0.00	36.50 -0.10 0.00	35.63 -0.17 0.00	34.93 -0.43 0.00	39.47 -0.98 0.00	37.76 -1.08 0.00	35.45 -0.90 0.00	33.76 -0.83 0.00	33.78 -1.03 0.00	40.87 -1.31 0.00	35.91 -0.83 0.00	37.34 -0.69 0.00	42.63 -0.49 0.00	51.56 -0.51 0.00	46.07 -0.48 0.00	35.50 -0.39 0.00	31.15 -0.40 0.00
OSWEGO___5 23606	30.69 -0.71 0.00	29.23 -0.68 0.00	29.36 -0.69 0.00	29.07 -0.69 0.00	25.79 -0.61 0.00	29.89 -0.69 0.00	33.72 -0.83 0.00	38.19 -1.06 0.00	35.63 -0.98 0.00	34.85 -0.96 0.00	34.42 -0.93 0.00	39.39 -1.06 0.00	37.77 -1.07 0.00	35.34 -1.00 0.00	33.62 -0.97 0.00	33.84 -0.97 0.00	40.93 -1.25 0.00	35.66 -1.08 0.00	36.90 -1.13 0.00	41.87 -1.25 0.00	50.62 -1.45 0.00	45.20 -1.35 0.00	34.88 -1.01 0.00	30.80 -0.76 0.00
OSWEGO___6 23613	30.69 -0.71 0.00	29.23 -0.68 0.00	29.36 -0.69 0.00	29.07 -0.69 0.00	25.79 -0.61 0.00	29.89 -0.69 0.00	33.72 -0.83 0.00	38.19 -1.06 0.00	35.63 -0.98 0.00	34.85 -0.96 0.00	34.42 -0.93 0.00	39.39 -1.06 0.00	37.77 -1.07 0.00	35.34 -1.00 0.00	33.62 -0.97 0.00	33.84 -0.97 0.00	40.93 -1.25 0.00	35.66 -1.08 0.00	36.90 -1.13 0.00	41.87 -1.25 0.00	50.62 -1.45 0.00	45.20 -1.35 0.00	34.88 -1.01 0.00	30.80 -0.76 0.00
OUTOKUMPU-AB___DRP 24206	29.71 -1.60 0.09	28.41 -1.51 0.00	28.57 -1.47 0.00	28.18 -1.57 0.00	24.99 -1.41 0.00	29.09 -1.50 0.00	32.93 -1.61 0.00	37.48 -1.77 0.00	35.16 -1.45 0.00	34.30 -1.51 0.00	33.79 -1.56 0.00	38.88 -1.57 0.00	37.17 -1.66 0.00	35.17 -1.17 0.00	33.23 -1.36 0.00	33.44 -1.37 0.00	38.71 -2.10 1.36	32.34 -1.86 2.54	36.12 -1.91 0.00	41.36 -1.77 0.00	50.51 -1.56 0.00	45.12 -1.43 0.00	34.56 -1.34 0.00	30.50 -1.06 0.00
OXBOW___BTM 323836	29.16 -2.16 0.09	27.84 -2.07 0.00	28.02 -2.03 0.00	27.67 -2.09 0.00	24.53 -1.87 0.00	28.52 -2.07 0.00	32.22 -2.32 0.00	36.57 -2.67 0.00	34.34 -2.27 0.00	33.48 -2.32 0.00	32.95 -2.41 0.00	37.87 -2.58 0.00	36.26 -2.58 0.00	34.27 -2.07 0.00	32.41 -2.18 0.00	32.60 -2.21 0.00	37.82 -3.13 1.23	31.65 -2.80 2.29	35.16 -2.87 0.00	40.32 -2.80 0.00	48.78 -2.86 0.43	44.00 -2.53 0.01	33.76 -2.13 0.00	29.83 -1.73 0.00
OXBOW___ 24026	29.15 -2.17 0.09	27.84 -2.08 0.00	28.01 -2.03 0.00	27.67 -2.09 0.00	24.53 -1.87 0.00	28.52 -2.06 0.00	32.23 -2.32 0.00	36.57 -2.68 0.00	34.34 -2.27 0.00	33.48 -2.32 0.00	32.95 -2.41 0.00	37.87 -2.58 0.00	36.26 -2.58 0.00	34.27 -2.07 0.00	32.41 -2.18 0.00	32.60 -2.21 0.00	37.82 -3.13 1.23	31.64 -2.81 2.29	35.16 -2.87 0.00	40.32 -2.80 0.00	48.79 -2.84 0.43	44.01 -2.53 0.01	33.76 -2.13 0.00	29.83 -1.73 0.00
OXY_CHEM_DSASP 323612	28.90 -2.42 0.09	27.59 -2.32 0.00	27.76 -2.28 0.00	27.42 -2.33 0.00	24.32 -2.08 0.00	28.26 -2.33 0.00	31.92 -2.62 0.00	36.22 -3.03 0.00	34.01 -2.60 0.00	33.15 -2.66 0.00	32.61 -2.74 0.00	37.50 -2.95 0.00	35.89 -2.95 0.00	33.94 -2.41 0.00	32.09 -2.50 0.00	32.27 -2.54 0.00	37.42 -3.52 1.23	31.29 -3.16 2.29	34.81 -3.21 0.00	39.92 -3.20 0.00	48.33 -3.31 0.43	43.59 -2.95 0.01	33.45 -2.44 0.00	29.56 -1.99 0.00
OZONE_PARK_ESR 323760	33.08 1.68 0.00	31.43 1.51 0.00	31.49 1.44 0.00	31.11 1.36 0.00	27.66 1.26 0.00	32.06 1.47 0.00	36.26 1.72 0.00	41.37 2.12 0.00	38.62 2.01 0.00	37.91 2.10 0.00	37.63 2.27 0.00	43.13 2.68 0.00	41.63 2.80 0.00	38.77 2.43 0.00	36.69 2.09 0.00	36.95 2.15 0.00	44.86 2.68 0.00	39.21 2.46 0.00	40.36 2.33 0.00	45.51 2.38 0.00	55.06 2.99 0.00	48.94 2.40 0.00	37.67 1.78 0.00	33.04 1.49 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	28.90 -2.42 0.09	27.59 -2.32 0.00	27.76 -2.28 0.00	27.42 -2.33 0.00	24.32 -2.08 0.00	28.26 -2.33 0.00	31.92 -2.62 0.00	36.22 -3.03 0.00	34.01 -2.60 0.00	33.15 -2.66 0.00	32.61 -2.74 0.00	37.50 -2.95 0.00	35.89 -2.95 0.00	33.94 -2.41 0.00	32.09 -2.50 0.00	32.27 -2.54 0.00	37.42 -3.52 1.23	31.29 -3.16 2.29	34.81 -3.21 0.00	39.92 -3.20 0.00	48.33 -3.31 0.43	43.59 -2.95 0.01	33.45 -2.44 0.00	29.56 -1.99 0.00
PACKARD___115KV_DUPONT_184 80571	28.90 -2.42 0.09	27.60 -2.32 0.00	27.76 -2.28 0.00	27.43 -2.33 0.00	24.32 -2.08 0.00	28.26 -2.33 0.00	31.92 -2.63 0.00	36.22 -3.02 0.00	34.01 -2.60 0.00	33.15 -2.66 0.00	32.62 -2.74 0.00	37.49 -2.96 0.00	35.89 -2.95 0.00	33.94 -2.41 0.00	32.09 -2.50 0.00	32.28 -2.53 0.00	37.43 -3.51 1.23	31.31 -3.14 2.29	34.82 -3.21 0.00	39.93 -3.19 0.00	48.31 -3.33 0.43	43.59 -2.95 0.01	33.45 -2.44 0.00	29.56 -2.00 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	32.81 1.40 0.00	31.16 1.24 0.00	31.22 1.18 0.00	30.89 1.13 0.00	27.50 1.11 0.00	31.86 1.27 0.00	35.93 1.38 0.00	40.97 1.72 0.00	38.28 1.67 0.00	37.55 1.74 0.00	37.28 1.92 0.00	42.77 2.32 0.00	41.28 2.45 0.00	38.45 2.10 0.00	36.41 1.81 0.00	36.64 1.83 0.00	44.49 2.31 0.00	38.89 2.15 0.00	40.00 1.97 0.00	45.07 1.95 0.00	54.40 2.33 0.00	48.43 1.88 0.00	37.40 1.51 0.00	32.81 1.26 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	33.15 1.75 0.00	31.52 1.60 0.00	31.59 1.54 0.00	31.24 1.48 0.00	27.89 1.49 0.00	32.33 1.74 0.00	36.45 1.90 0.00	41.35 2.11 0.00	38.62 2.02 0.00	37.91 2.10 0.00	37.64 2.28 0.00	43.19 2.74 0.00	41.70 2.86 0.00	38.81 2.47 0.00	36.73 2.14 0.00	36.99 2.18 0.00	44.92 2.75 0.00	39.27 2.53 0.00	40.35 2.32 0.00	45.47 2.35 0.00	54.62 2.55 0.00	48.57 2.02 0.00	37.64 1.75 0.00	33.08 1.52 0.00
PATROON___115KV_TB1 80586	31.93 0.53 0.00	30.43 0.51 0.00	30.54 0.50 0.00	30.27 0.51 0.00	26.82 0.42 0.00	31.00 0.41 0.00	34.99 0.44 0.00	39.82 0.57 0.00	37.09 0.49 0.00	36.34 0.54 0.00	36.00 0.65 0.00	41.23 0.78 0.00	39.61 0.78 0.00	36.98 0.63 0.00	35.16 0.57 0.00	35.41 0.60 0.00	43.02 0.85 0.00	37.38 0.64 0.00	38.63 0.60 0.00	43.70 0.57 0.00	52.53 0.45 0.00	47.04 0.49 0.00	36.35 0.45 0.00	31.98 0.42 0.00
PATTRSNVILLE___SOLAR 323815	32.25 0.84 0.00	30.70 0.78 0.00	30.82 0.78 0.00	30.54 0.78 0.00	27.09 0.70 0.00	31.41 0.82 0.00	35.51 0.96 0.00	40.29 1.04 0.00	37.40 0.79 0.00	36.57 0.76 0.00	36.11 0.76 0.00	41.36 0.91 0.00	39.70 0.87 0.00	37.00 0.65 0.00	35.12 0.53 0.00	35.48 0.68 0.00	43.30 1.12 0.00	37.78 1.03 0.00	39.11 1.08 0.00	44.35 1.23 0.00	53.54 1.47 0.00	47.79 1.25 0.00	36.84 0.94 0.00	32.37 0.81 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	29.48 -1.83 0.10	28.12 -1.80 0.00	28.28 -1.76 0.00	27.95 -1.81 0.00	24.76 -1.64 0.00	28.84 -1.74 0.00	32.67 -1.88 0.00	37.12 -2.13 0.00	34.87 -1.73 0.00	34.05 -1.75 0.00	33.48 -1.88 0.00	38.55 -1.90 0.00	36.86 -1.97 0.00	34.84 -1.51 0.00	32.96 -1.63 0.00	33.10 -1.71 0.00	38.36 -2.37 1.45	31.93 -2.11 2.70	35.79 -2.24 0.00	41.00 -2.12 0.00	50.17 -1.90 0.00	44.77 -1.78 0.00	34.22 -1.68 0.00	30.19 -1.37 0.00

PAWLING_115_KV_BK3_REV_LBMP_H 345028	32.88 1.47 0.00	31.23 1.32 0.00	31.31 1.27 0.00	30.95 1.19 0.00	27.48 1.08 0.00	31.86 1.28 0.00	36.04 1.50 0.00	41.08 1.84 0.00	38.36 1.75 0.00	37.65 1.84 0.00	37.34 1.98 0.00	42.70 2.26 0.00	41.14 2.31 0.00	38.36 2.01 0.00	36.35 1.76 0.00	36.63 1.82 0.00	44.48 2.31 0.00	38.86 2.11 0.00	40.07 2.04 0.00	45.25 2.13 0.00	54.69 2.63 0.00	48.68 2.14 0.00	37.45 1.55 0.00	32.89 1.33 0.00
PEEKSKILL____ 23653	32.70 1.29 0.00	31.06 1.15 0.00	31.13 1.08 0.00	30.75 0.99 0.00	27.31 0.91 0.00	31.65 1.06 0.00	35.79 1.24 0.00	40.76 1.51 0.00	38.03 1.43 0.00	37.32 1.51 0.00	37.03 1.68 0.00	42.43 1.98 0.00	40.92 2.08 0.00	38.14 1.79 0.00	36.13 1.54 0.00	36.39 1.58 0.00	44.17 2.00 0.00	38.56 1.82 0.00	39.73 1.70 0.00	44.84 1.72 0.00	54.20 2.14 0.00	48.24 1.70 0.00	37.14 1.25 0.00	32.64 1.08 0.00
PGE MADISON__WINDPWR 24146	33.49 2.07 -0.02	31.84 1.92 0.00	31.89 1.85 0.00	31.56 1.80 0.00	28.05 1.66 0.00	32.79 2.20 0.00	37.31 2.77 0.00	42.34 3.10 0.00	39.33 2.72 0.00	38.24 2.44 0.00	37.68 2.32 0.00	43.25 2.80 0.00	41.12 2.29 0.00	38.41 2.06 0.00	36.29 1.70 0.00	36.90 2.09 0.00	45.10 2.71 -0.21	39.59 2.46 -0.39	40.77 2.74 0.00	46.31 3.18 0.00	56.41 4.34 0.00	50.07 3.53 0.00	38.19 2.29 0.00	33.36 1.80 0.00
PIERCEFIELD__HYD 23852	30.97 -0.44 0.00	29.53 -0.38 0.00	29.71 -0.33 0.00	29.51 -0.25 0.00	26.19 -0.21 0.00	30.41 -0.18 0.00	34.51 -0.04 0.00	39.31 0.06 0.00	36.56 -0.05 0.00	35.66 -0.15 0.00	34.90 -0.45 0.00	39.43 -1.02 0.00	37.81 -1.03 0.00	35.54 -0.81 0.00	33.90 -0.69 0.00	33.87 -0.94 0.00	40.82 -1.35 0.00	35.82 -0.92 0.00	37.28 -0.75 0.00	42.68 -0.45 0.00	51.69 -0.38 0.00	46.29 -0.26 0.00	35.77 -0.12 0.00	31.31 -0.25 0.00
PINELAWN_CC_1 323563	33.27 1.87 0.00	31.51 1.59 0.00	31.53 1.49 0.00	31.12 1.36 0.00	27.63 1.23 0.00	32.04 1.45 0.00	36.26 1.71 0.00	41.31 2.07 0.00	38.63 2.02 0.00	38.02 2.21 0.00	37.73 2.29 -0.09	46.84 2.82 -3.58	42.30 3.00 -0.46	44.75 2.69 -5.71	36.76 2.16 -0.01	36.57 1.76 0.00	44.42 2.24 0.00	38.97 2.22 0.00	40.19 2.14 -0.02	45.87 2.36 -0.39	55.03 2.96 0.00	49.10 2.45 -0.11	39.28 1.98 -1.41	47.31 1.66 -14.09
PJM_GEN_HTP_PROXY 323702	32.84 1.43 0.00	31.20 1.29 0.00	31.26 1.22 0.00	30.90 1.14 0.00	27.47 1.07 0.00	31.83 1.24 0.00	35.97 1.43 0.00	41.02 1.77 0.00	38.26 1.66 0.00	37.56 1.75 0.00	37.29 1.94 0.00	42.47 2.31 0.29	41.27 2.44 0.00	38.42 2.07 0.00	36.40 1.81 0.00	36.64 1.83 0.00	44.47 2.29 0.00	39.46 2.12 -0.60	39.99 1.96 0.00	39.41 1.96 5.68	54.57 2.50 0.00	47.86 1.90 0.58	37.32 1.42 0.00	32.56 1.19 0.18
PJM_GEN_KEystone 24065	31.09 -0.28 0.03	29.64 -0.27 0.00	29.77 -0.27 0.00	29.42 -0.34 0.00	26.12 -0.28 0.00	30.33 -0.26 0.00	34.31 -0.24 0.00	38.96 -0.29 0.00	36.33 -0.28 0.00	35.55 -0.25 0.00	35.20 -0.16 0.00	40.18 0.02 0.29	38.91 0.08 0.00	36.50 0.15 0.00	34.50 -0.09 0.00	34.74 -0.07 0.00	41.68 -0.12 0.38	36.53 -0.10 0.11	37.77 -0.26 0.00	37.19 -0.26 5.68	52.15 0.08 0.00	45.82 -0.14 0.58	35.53 -0.37 0.00	31.09 -0.29 0.18
PJM_GEN_NEPTUNE_PROXY 323594	32.94 1.53 0.00	31.22 1.31 0.00	31.25 1.21 0.00	30.86 1.10 0.00	27.41 1.01 0.00	31.76 1.17 0.00	35.93 1.38 0.00	40.91 1.66 0.00	38.23 1.62 0.00	37.60 1.79 0.00	37.31 1.89 -0.07	45.52 2.33 -2.74	41.74 2.51 -0.39	43.39 2.21 -4.83	36.39 1.79 -0.01	36.36 1.55 0.00	44.09 1.91 0.00	39.24 1.89 -0.60	39.78 1.75 0.00	39.30 1.85 5.68	54.38 2.31 0.00	47.93 1.88 0.49	38.61 1.53 -1.19	44.58 1.29 -11.73
PJM_GEN_VFT_PROXY 323633	32.72 1.31 0.00	31.09 1.18 0.00	31.17 1.12 0.00	30.80 1.04 0.00	27.38 0.98 0.00	31.73 1.14 0.00	35.86 1.32 0.00	40.87 1.62 0.00	38.14 1.53 0.00	37.45 1.64 0.00	37.17 1.82 0.00	42.34 2.17 0.29	41.12 2.29 0.00	38.31 1.96 0.00	36.29 1.70 0.00	36.54 1.73 0.00	44.37 2.19 0.00	39.39 2.05 -0.60	39.92 1.90 0.00	39.31 1.87 5.68	54.45 2.38 0.00	47.79 1.83 0.58	37.23 1.34 0.00	32.50 1.13 0.18
PLATSBURG_115KV_PMLD1 355749	31.85 0.44 0.00	30.34 0.42 0.00	30.41 0.37 0.00	30.11 0.35 0.00	26.75 0.36 0.00	31.01 0.42 0.00	35.13 0.58 0.00	40.08 0.83 0.00	37.41 0.80 0.00	36.61 0.80 0.00	35.91 0.55 0.00	41.01 0.56 0.00	39.38 0.54 0.00	37.04 0.69 0.00	35.36 0.77 0.00	35.48 0.67 0.00	42.95 0.77 0.00	37.40 0.66 0.00	38.72 0.69 0.00	44.06 0.93 0.00	53.37 1.30 0.00	47.77 1.22 0.00	36.73 0.84 0.00	32.03 0.47 0.00
PLEASANTVLY__LBMP 24000	32.53 1.13 0.00	30.90 0.99 0.00	30.98 0.94 0.00	30.63 0.87 0.00	27.19 0.79 0.00	31.50 0.91 0.00	35.57 1.03 0.00	40.52 1.27 0.00	37.82 1.22 0.00	37.09 1.28 0.00	36.79 1.43 0.00	42.14 1.69 0.00	40.60 1.77 0.00	37.87 1.52 0.00	35.89 1.31 0.00	36.15 1.34 0.00	43.88 1.70 0.00	38.28 1.54 0.00	39.49 1.46 0.00	44.57 1.44 0.00	53.83 1.76 0.00	47.96 1.41 0.00	36.95 1.06 0.00	32.51 0.95 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	32.80 1.40 0.00	31.18 1.26 0.00	31.23 1.19 0.00	30.86 1.11 0.00	27.42 1.02 0.00	31.78 1.20 0.00	35.94 1.39 0.00	40.92 1.67 0.00	38.19 1.59 0.00	37.48 1.67 0.00	37.21 1.85 0.00	42.61 2.16 0.00	41.10 2.26 0.00	38.31 1.96 0.00	36.27 1.69 0.00	36.52 1.71 0.00	44.32 2.14 0.00	38.72 1.98 0.00	39.90 1.87 0.00	45.00 1.88 0.00	54.42 2.35 0.00	48.43 1.88 0.00	37.30 1.40 0.00	32.76 1.20 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	32.80 1.40 0.00	31.18 1.26 0.00	31.23 1.19 0.00	30.86 1.11 0.00	27.42 1.02 0.00	31.78 1.20 0.00	35.94 1.39 0.00	40.92 1.67 0.00	38.19 1.59 0.00	37.48 1.67 0.00	37.21 1.85 0.00	42.61 2.16 0.00	41.10 2.26 0.00	38.31 1.96 0.00	36.27 1.69 0.00	36.52 1.71 0.00	44.32 2.14 0.00	38.72 1.98 0.00	39.90 1.87 0.00	45.00 1.88 0.00	54.42 2.35 0.00	48.43 1.88 0.00	37.30 1.40 0.00	32.76 1.20 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	32.73 1.33 0.00	31.11 1.20 0.00	31.19 1.15 0.00	30.84 1.08 0.00	27.37 0.97 0.00	31.71 1.13 0.00	35.86 1.32 0.00	40.86 1.61 0.00	38.13 1.52 0.00	37.35 1.54 0.00	37.02 1.66 0.00	42.34 1.89 0.00	40.77 1.94 0.00	38.03 1.69 0.00	36.06 1.47 0.00	36.32 1.51 0.00	44.16 1.99 0.00	38.57 1.83 0.00	39.81 1.79 0.00	44.99 1.86 0.00	54.33 2.26 0.00	48.40 1.85 0.00	37.26 1.36 0.00	32.74 1.18 0.00
POLETTI____ 23519	32.81 1.41 0.00	31.18 1.27 0.00	31.25 1.21 0.00	30.89 1.13 0.00	27.46 1.06 0.00	31.82 1.23 0.00	35.95 1.40 0.00	40.98 1.73 0.00	38.24 1.63 0.00	37.55 1.74 0.00	37.28 1.92 0.00	42.73 2.28 0.00	41.24 2.41 0.00	38.42 2.07 0.00	36.37 1.78 0.00	36.61 1.81 0.00	44.45 2.27 0.00	38.84 2.10 0.00	39.98 1.95 0.00	45.06 1.94 0.00	54.49 2.42 0.00	48.43 1.89 0.00	37.31 1.42 0.00	32.76 1.20 0.00

POMONA___ESR 323819	32.66 1.25 0.00	31.02 1.10 0.00	31.13 1.08 0.00	30.79 1.03 0.00	27.33 0.94 0.00	31.70 1.11 0.00	35.85 1.30 0.00	40.82 1.58 0.00	38.07 1.47 0.00	37.36 1.56 0.00	37.08 1.72 0.00	42.50 2.05 0.00	40.97 2.14 0.00	38.21 1.86 0.00	36.19 1.60 0.00	36.47 1.66 0.00	44.27 2.09 0.00	38.63 1.89 0.00	39.79 1.77 0.00	44.91 1.79 0.00	54.29 2.22 0.00	48.34 1.79 0.00	37.18 1.29 0.00	32.67 1.11 0.00
PORT_JEFF_3 23555	33.26 1.86 0.00	31.48 1.57 0.00	31.49 1.45 0.00	31.08 1.32 0.00	27.56 1.17 0.00	31.87 1.28 0.00	35.96 1.41 0.00	40.83 1.58 0.00	38.25 1.65 0.00	37.76 1.95 0.00	37.45 2.02 -0.08	46.34 2.66 -3.23	42.26 3.02 -0.42	44.20 2.71 -5.15	36.79 2.20 -0.01	36.49 1.68 0.00	44.25 2.07 0.00	38.97 2.22 0.00	40.17 2.02 -0.12	47.75 2.27 -2.36	54.95 2.88 0.00	49.09 2.45 -0.10	39.19 2.03 -1.27	45.95 1.70 -12.70
PORT_JEFF_4 23616	33.26 1.86 0.00	31.48 1.57 0.00	31.49 1.45 0.00	31.08 1.32 0.00	27.56 1.17 0.00	31.87 1.28 0.00	35.96 1.41 0.00	40.83 1.58 0.00	38.25 1.65 0.00	37.76 1.95 0.00	37.45 2.02 -0.08	46.34 2.66 -3.23	42.26 3.02 -0.42	44.20 2.71 -5.15	36.79 2.20 -0.01	36.49 1.68 0.00	44.25 2.07 0.00	38.97 2.22 0.00	40.17 2.02 -0.12	47.75 2.27 -2.36	54.95 2.88 0.00	49.09 2.45 -0.10	39.19 2.03 -1.27	45.95 1.70 -12.70
PORT_JEFF_IC 23713	33.28 1.88 0.00	31.49 1.58 0.00	31.51 1.47 0.00	31.10 1.34 0.00	27.58 1.18 0.00	31.90 1.31 0.00	36.01 1.47 0.00	40.91 1.66 0.00	38.33 1.72 0.00	37.84 2.03 0.00	37.50 2.06 -0.08	46.39 2.70 -3.24	42.31 3.06 -0.42	44.27 2.75 -5.17	36.82 2.22 -0.01	36.45 1.64 0.00	44.28 2.11 0.00	39.00 2.26 0.00	40.20 2.07 -0.11	47.44 2.32 -2.00	54.99 2.92 0.00	49.17 2.52 -0.10	39.25 2.08 -1.28	46.03 1.73 -12.75
PPL PILGRIM_ST_GT1 24216	33.40 1.99 0.00	31.61 1.70 0.00	31.63 1.58 0.00	31.22 1.46 0.00	27.72 1.32 0.00	32.12 1.53 0.00	36.34 1.79 0.00	41.36 2.12 0.00	38.70 2.10 0.00	38.13 2.32 0.00	37.83 2.39 -0.08	46.70 2.96 -3.29	42.48 3.23 -0.42	44.49 2.89 -5.25	36.92 2.32 -0.01	36.69 1.88 0.00	44.44 2.27 0.00	39.09 2.35 0.00	40.33 2.18 -0.12	47.86 2.44 -2.30	55.15 3.08 0.00	49.21 2.56 -0.10	39.32 2.12 -1.30	46.31 1.79 -12.95
PPL PILGRIM_ST_GT2 24217	33.40 1.99 0.00	31.61 1.70 0.00	31.63 1.58 0.00	31.22 1.46 0.00	27.72 1.32 0.00	32.12 1.53 0.00	36.34 1.79 0.00	41.36 2.12 0.00	38.70 2.10 0.00	38.13 2.32 0.00	37.83 2.39 -0.08	46.70 2.96 -3.29	42.48 3.23 -0.42	44.49 2.89 -5.25	36.92 2.32 -0.01	36.69 1.88 0.00	44.44 2.27 0.00	39.09 2.35 0.00	40.33 2.18 -0.12	47.86 2.44 -2.30	55.15 3.08 0.00	49.21 2.56 -0.10	39.32 2.12 -1.30	46.31 1.79 -12.95
PPL_SHRM_GT3 24213	33.33 1.93 0.00	31.52 1.61 0.00	31.53 1.49 0.00	31.12 1.36 0.00	27.62 1.22 0.00	31.98 1.39 0.00	36.15 1.61 0.00	41.09 1.84 0.00	38.55 1.94 0.00	38.04 2.23 0.00	37.41 1.98 -0.08	46.31 2.63 -3.23	42.41 3.15 -0.42	44.41 2.91 -5.16	36.99 2.39 -0.01	36.69 1.88 0.00	44.44 2.26 0.00	39.22 2.48 0.00	40.38 2.24 -0.12	47.95 2.56 -2.27	55.39 3.33 0.00	49.53 2.88 -0.10	39.51 2.34 -1.27	46.23 1.95 -12.72
PPL_SHRM_GT4 24214	33.33 1.93 0.00	31.52 1.61 0.00	31.53 1.49 0.00	31.12 1.36 0.00	27.62 1.22 0.00	31.98 1.39 0.00	36.15 1.61 0.00	41.09 1.84 0.00	38.55 1.94 0.00	38.04 2.23 0.00	37.41 1.98 -0.08	46.31 2.63 -3.23	42.41 3.15 -0.42	44.41 2.91 -5.16	36.99 2.39 -0.01	36.69 1.88 0.00	44.44 2.26 0.00	39.22 2.48 0.00	40.38 2.24 -0.12	47.95 2.56 -2.27	55.39 3.33 0.00	49.53 2.88 -0.10	39.51 2.34 -1.27	46.23 1.95 -12.72
PROJECT___ORANGE 1 24174	31.08 -0.33 0.00	29.61 -0.30 0.00	29.73 -0.31 0.00	29.44 -0.32 0.00	26.12 -0.28 0.00	30.30 -0.29 0.00	34.20 -0.35 0.00	38.76 -0.49 0.00	36.19 -0.42 0.00	35.39 -0.42 0.00	34.97 -0.38 0.00	39.99 -0.46 0.00	38.28 -0.55 0.00	35.83 -0.51 0.00	34.07 -0.51 0.00	34.28 -0.53 0.00	41.50 -0.67 0.00	36.16 -0.58 0.00	37.40 -0.62 0.00	42.45 -0.67 0.00	51.34 -0.73 0.00	45.80 -0.75 0.00	35.31 -0.59 0.00	31.17 -0.38 0.00
PROJECT___ORANGE 2 24166	31.08 -0.33 0.00	29.61 -0.30 0.00	29.73 -0.31 0.00	29.44 -0.32 0.00	26.12 -0.28 0.00	30.30 -0.29 0.00	34.20 -0.35 0.00	38.76 -0.49 0.00	36.19 -0.42 0.00	35.39 -0.42 0.00	34.97 -0.38 0.00	39.99 -0.46 0.00	38.28 -0.55 0.00	35.83 -0.51 0.00	34.07 -0.51 0.00	34.28 -0.53 0.00	41.50 -0.67 0.00	36.16 -0.58 0.00	37.40 -0.62 0.00	42.45 -0.67 0.00	51.34 -0.73 0.00	45.80 -0.75 0.00	35.31 -0.59 0.00	31.17 -0.38 0.00
PUCKETT___SOLAR 323809	31.80 0.40 0.00	30.30 0.39 0.00	30.38 0.34 0.00	30.05 0.29 0.00	26.68 0.29 0.00	31.03 0.44 0.00	35.16 0.61 0.00	39.86 0.61 0.00	37.10 0.49 0.00	36.24 0.43 0.00	35.77 0.41 0.00	41.05 0.60 0.00	39.23 0.40 0.00	36.68 0.33 0.00	34.88 0.29 0.00	35.16 0.35 0.00	42.68 0.51 0.00	37.23 0.49 0.00	38.55 0.52 0.00	43.76 0.64 0.00	53.15 1.08 0.00	47.35 0.81 0.00	36.29 0.39 0.00	31.92 0.36 0.00
PYRITES___HYD 24023	31.59 0.18 0.00	30.11 0.19 0.00	30.27 0.23 0.00	30.06 0.30 0.00	26.70 0.30 0.00	31.00 0.41 0.00	35.21 0.66 0.00	40.07 0.82 0.00	37.23 0.62 0.00	36.24 0.43 0.00	35.37 0.01 0.00	40.07 -0.38 0.00	38.42 -0.41 0.00	36.11 -0.23 0.00	34.47 -0.12 0.00	34.48 -0.33 0.00	41.58 -0.60 0.00	36.67 -0.07 0.00	38.26 0.23 0.00	43.75 0.63 0.00	53.01 0.94 0.00	47.47 0.92 0.00	36.62 0.72 0.00	31.97 0.41 0.00
QUAKERRD_115KV_BK1 80622	29.99 -1.42 0.00	28.53 -1.38 0.00	28.66 -1.38 0.00	28.36 -1.40 0.00	25.17 -1.23 0.00	29.24 -1.35 0.00	33.08 -1.46 0.00	37.60 -1.65 0.00	35.17 -1.44 0.00	34.36 -1.44 0.00	33.88 -1.47 0.00	38.84 -1.60 0.00	37.23 -1.61 0.00	34.95 -1.40 0.00	33.18 -1.41 0.00	33.39 -1.42 0.00	40.30 -1.87 0.00	35.07 -1.67 0.00	36.34 -1.69 0.00	41.38 -1.75 0.00	50.18 -1.89 0.00	44.77 -1.78 0.00	34.40 -1.49 0.00	30.32 -1.24 0.00
QUENSBRY_115KV_TB8 356137	32.92 1.52 0.00	31.37 1.46 0.00	31.57 1.53 0.00	31.23 1.48 0.00	27.75 1.35 0.00	32.22 1.63 0.00	36.58 2.03 0.00	41.78 2.54 0.00	38.82 2.21 0.00	37.73 1.92 0.00	37.09 1.74 0.00	42.34 1.89 0.00	40.69 1.86 0.00	38.02 1.68 0.00	36.20 1.61 0.00	36.61 1.80 0.00	44.83 2.65 0.00	39.01 2.27 0.00	40.37 2.34 0.00	45.82 2.69 0.00	55.24 3.17 0.00	49.39 2.84 0.00	37.86 1.96 0.00	33.09 1.53 0.00
RAMAPO___LBMP 323565	32.52 1.12 0.00	30.90 0.98 0.00	31.02 0.97 0.00	30.68 0.92 0.00	27.25 0.86 0.00	31.60 1.01 0.00	35.74 1.19 0.00	40.69 1.44 0.00	37.93 1.32 0.00	37.22 1.41 0.00	36.93 1.58 0.00	42.33 1.88 0.00	40.80 1.97 0.00	38.05 1.71 0.00	36.04 1.46 0.00	36.33 1.52 0.00	44.09 1.92 0.00	38.47 1.73 0.00	39.63 1.60 0.00	44.73 1.61 0.00	54.08 2.01 0.00	48.15 1.60 0.00	37.04 1.15 0.00	32.55 0.99 0.00

RANKINE____ 23646	29.47 -1.83 0.11	28.16 -1.75 0.00	28.33 -1.71 0.00	27.98 -1.78 0.00	24.79 -1.61 0.00	28.88 -1.71 0.00	32.70 -1.84 0.00	37.16 -2.09 0.00	34.90 -1.71 0.00	34.06 -1.75 0.00	33.52 -1.84 0.00	38.59 -1.86 0.00	36.90 -1.93 0.00	34.91 -1.44 0.00	32.99 -1.60 0.00	33.13 -1.67 0.00	38.20 -2.39 1.59	31.65 -2.13 2.97	35.84 -2.19 0.00	41.06 -2.06 0.00	50.19 -1.88 0.00	44.83 -1.72 0.00	34.30 -1.60 0.00	30.28 -1.28 0.00
RAVENSWOOD_GT2_1 24244	32.81 1.41 0.00	31.19 1.27 0.00	31.25 1.21 0.00	30.90 1.14 0.00	27.46 1.06 0.00	31.82 1.23 0.00	35.95 1.41 0.00	40.98 1.73 0.00	38.26 1.65 0.00	37.56 1.75 0.00	37.28 1.92 0.00	42.74 2.29 0.00	41.24 2.41 0.00	38.42 2.07 0.00	36.37 1.78 0.00	36.63 1.82 0.00	44.46 2.28 0.00	38.85 2.11 0.00	39.99 1.96 0.00	45.07 1.95 0.00	54.50 2.43 0.00	48.45 1.90 0.00	37.33 1.43 0.00	32.76 1.20 0.00
RAVENSWOOD_GT2_2 24245	32.81 1.41 0.00	31.19 1.27 0.00	31.25 1.21 0.00	30.90 1.14 0.00	27.46 1.06 0.00	31.82 1.23 0.00	35.95 1.41 0.00	40.98 1.73 0.00	38.26 1.65 0.00	37.56 1.75 0.00	37.28 1.92 0.00	42.74 2.29 0.00	41.24 2.41 0.00	38.42 2.07 0.00	36.37 1.78 0.00	36.63 1.82 0.00	44.46 2.28 0.00	38.85 2.11 0.00	39.99 1.96 0.00	45.07 1.95 0.00	54.50 2.43 0.00	48.45 1.90 0.00	37.33 1.43 0.00	32.76 1.20 0.00
RAVENSWOOD_GT2_3 24246	32.83 1.42 0.00	31.20 1.29 0.00	31.27 1.22 0.00	30.90 1.14 0.00	27.48 1.08 0.00	31.83 1.24 0.00	35.97 1.42 0.00	41.01 1.76 0.00	38.27 1.66 0.00	37.58 1.77 0.00	37.31 1.96 0.00	42.76 2.31 0.00	41.27 2.43 0.00	38.45 2.10 0.00	36.40 1.81 0.00	36.65 1.84 0.00	44.49 2.31 0.00	38.87 2.13 0.00	40.01 1.98 0.00	45.11 1.98 0.00	54.53 2.46 0.00	48.47 1.93 0.00	37.34 1.45 0.00	32.79 1.23 0.00
RAVENSWOOD_GT2_4 24247	32.83 1.42 0.00	31.20 1.29 0.00	31.27 1.22 0.00	30.90 1.14 0.00	27.48 1.08 0.00	31.83 1.24 0.00	35.97 1.42 0.00	41.01 1.76 0.00	38.27 1.66 0.00	37.58 1.77 0.00	37.31 1.96 0.00	42.76 2.31 0.00	41.27 2.43 0.00	38.45 2.10 0.00	36.40 1.81 0.00	36.65 1.84 0.00	44.49 2.31 0.00	38.87 2.13 0.00	40.01 1.98 0.00	45.11 1.98 0.00	54.53 2.46 0.00	48.47 1.93 0.00	37.34 1.45 0.00	32.79 1.23 0.00
RAVENSWOOD_GT3_1 24248	32.82 1.41 0.00	31.20 1.28 0.00	31.26 1.21 0.00	30.90 1.14 0.00	27.47 1.07 0.00	31.83 1.24 0.00	35.97 1.42 0.00	41.00 1.75 0.00	38.27 1.66 0.00	37.57 1.77 0.00	37.31 1.95 0.00	42.76 2.31 0.00	41.27 2.43 0.00	38.44 2.10 0.00	36.40 1.81 0.00	36.64 1.83 0.00	44.48 2.31 0.00	38.87 2.13 0.00	40.01 1.98 0.00	45.10 1.98 0.00	54.53 2.46 0.00	48.47 1.93 0.00	37.34 1.45 0.00	32.79 1.23 0.00
RAVENSWOOD_GT3_2 24249	32.82 1.41 0.00	31.20 1.28 0.00	31.26 1.21 0.00	30.90 1.14 0.00	27.47 1.07 0.00	31.83 1.24 0.00	35.97 1.42 0.00	41.00 1.75 0.00	38.27 1.66 0.00	37.57 1.77 0.00	37.31 1.95 0.00	42.76 2.31 0.00	41.27 2.43 0.00	38.44 2.10 0.00	36.40 1.81 0.00	36.64 1.83 0.00	44.48 2.31 0.00	38.87 2.13 0.00	40.01 1.98 0.00	45.10 1.98 0.00	54.53 2.46 0.00	48.47 1.93 0.00	37.34 1.45 0.00	32.79 1.23 0.00
RAVENSWOOD_GT3_3 24250	32.86 1.46 0.00	31.23 1.32 0.00	31.30 1.26 0.00	30.93 1.17 0.00	27.50 1.11 0.00	31.87 1.28 0.00	36.02 1.48 0.00	41.06 1.81 0.00	38.33 1.72 0.00	37.63 1.83 0.00	37.36 2.00 0.00	42.83 2.38 0.00	41.32 2.49 0.00	38.49 2.15 0.00	36.45 1.86 0.00	36.70 1.89 0.00	44.55 2.38 0.00	38.93 2.19 0.00	40.06 2.04 0.00	45.16 2.04 0.00	54.62 2.55 0.00	48.54 2.00 0.00	37.40 1.51 0.00	32.82 1.26 0.00
RAVENSWOOD_GT3_4 24251	32.86 1.46 0.00	31.23 1.32 0.00	31.30 1.26 0.00	30.93 1.17 0.00	27.50 1.11 0.00	31.87 1.28 0.00	36.02 1.48 0.00	41.06 1.81 0.00	38.33 1.72 0.00	37.63 1.83 0.00	37.36 2.00 0.00	42.83 2.38 0.00	41.32 2.49 0.00	38.49 2.15 0.00	36.45 1.86 0.00	36.70 1.89 0.00	44.55 2.38 0.00	38.93 2.19 0.00	40.06 2.04 0.00	45.16 2.04 0.00	54.62 2.55 0.00	48.54 2.00 0.00	37.40 1.51 0.00	32.82 1.26 0.00
RAVENSWOOD_GT_1 23729	32.83 1.42 0.00	31.21 1.30 0.00	31.29 1.25 0.00	30.93 1.18 0.00	27.51 1.11 0.00	31.87 1.29 0.00	35.99 1.44 0.00	41.05 1.81 0.00	38.37 1.76 0.00	37.67 1.86 0.00	37.39 2.04 0.00	42.89 2.44 0.00	41.38 2.55 0.00	38.56 2.21 0.00	36.49 1.90 0.00	36.72 1.91 0.00	44.57 2.39 0.00	38.96 2.22 0.00	40.09 2.06 0.00	45.16 2.04 0.00	54.54 2.47 0.00	48.54 2.00 0.00	37.42 1.52 0.00	32.85 1.29 0.00
RAVENSWOOD_GT_10 24258	32.82 1.41 0.00	31.19 1.27 0.00	31.25 1.21 0.00	30.90 1.14 0.00	27.46 1.06 0.00	31.82 1.23 0.00	35.96 1.41 0.00	40.98 1.73 0.00	38.26 1.65 0.00	37.56 1.75 0.00	37.28 1.92 0.00	42.74 2.29 0.00	41.24 2.41 0.00	38.42 2.07 0.00	36.37 1.78 0.00	36.62 1.81 0.00	44.45 2.28 0.00	38.84 2.10 0.00	39.99 1.96 0.00	45.07 1.95 0.00	54.50 2.43 0.00	48.45 1.90 0.00	37.32 1.43 0.00	32.76 1.20 0.00
RAVENSWOOD_GT_11 24259	32.82 1.41 0.00	31.19 1.27 0.00	31.25 1.21 0.00	30.90 1.14 0.00	27.46 1.06 0.00	31.82 1.23 0.00	35.96 1.41 0.00	40.98 1.73 0.00	38.26 1.65 0.00	37.56 1.75 0.00	37.28 1.92 0.00	42.74 2.29 0.00	41.24 2.41 0.00	38.42 2.07 0.00	36.37 1.78 0.00	36.62 1.81 0.00	44.45 2.28 0.00	38.84 2.10 0.00	39.99 1.96 0.00	45.07 1.95 0.00	54.50 2.43 0.00	48.45 1.90 0.00	37.32 1.43 0.00	32.76 1.20 0.00
RAVENSWOOD_GT_4 24252	32.81 1.40 0.00	31.19 1.27 0.00	31.25 1.21 0.00	30.90 1.14 0.00	27.47 1.07 0.00	31.82 1.23 0.00	35.95 1.41 0.00	40.99 1.74 0.00	38.27 1.67 0.00	37.58 1.77 0.00	37.31 1.96 0.00	42.77 2.32 0.00	41.28 2.44 0.00	38.45 2.11 0.00	36.40 1.81 0.00	36.64 1.83 0.00	44.48 2.31 0.00	38.87 2.13 0.00	40.00 1.98 0.00	45.09 1.96 0.00	54.50 2.43 0.00	48.47 1.92 0.00	37.35 1.46 0.00	32.79 1.23 0.00
RAVENSWOOD_GT_5 24254	32.81 1.40 0.00	31.19 1.27 0.00	31.25 1.21 0.00	30.90 1.14 0.00	27.47 1.07 0.00	31.82 1.23 0.00	35.95 1.41 0.00	40.99 1.74 0.00	38.27 1.67 0.00	37.58 1.77 0.00	37.31 1.96 0.00	42.77 2.32 0.00	41.28 2.44 0.00	38.45 2.11 0.00	36.40 1.81 0.00	36.64 1.83 0.00	44.48 2.31 0.00	38.87 2.13 0.00	40.00 1.98 0.00	45.09 1.96 0.00	54.50 2.43 0.00	48.47 1.92 0.00	37.35 1.46 0.00	32.79 1.23 0.00
RAVENSWOOD_GT_6 24253	32.81 1.40 0.00	31.19 1.27 0.00	31.25 1.21 0.00	30.90 1.14 0.00	27.47 1.07 0.00	31.82 1.23 0.00	35.95 1.41 0.00	40.99 1.74 0.00	38.27 1.67 0.00	37.58 1.77 0.00	37.31 1.96 0.00	42.77 2.32 0.00	41.28 2.44 0.00	38.45 2.11 0.00	36.40 1.81 0.00	36.64 1.83 0.00	44.48 2.31 0.00	38.87 2.13 0.00	40.00 1.98 0.00	45.09 1.96 0.00	54.50 2.43 0.00	48.47 1.92 0.00	37.35 1.46 0.00	32.79 1.23 0.00

RAVENSWOOD_GT_7 24255	32.81 1.40 0.00	31.19 1.27 0.00	31.25 1.21 0.00	30.90 1.14 0.00	27.47 1.07 0.00	31.82 1.23 0.00	35.95 1.41 0.00	40.99 1.74 0.00	38.27 1.67 0.00	37.58 1.77 0.00	37.31 1.96 0.00	42.77 2.32 0.00	41.28 2.44 0.00	38.45 2.11 0.00	36.40 1.81 0.00	36.64 1.83 0.00	44.48 2.31 0.00	38.87 2.13 0.00	40.00 1.98 0.00	45.09 1.96 0.00	54.50 2.43 0.00	48.47 1.92 0.00	37.35 1.46 0.00	32.79 1.23 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	32.82 1.41 0.00	31.19 1.27 0.00	31.25 1.21 0.00	30.90 1.14 0.00	27.46 1.06 0.00	31.82 1.23 0.00	35.96 1.41 0.00	40.98 1.73 0.00	38.26 1.65 0.00	37.56 1.75 0.00	37.28 1.92 0.00	42.74 2.29 0.00	41.24 2.41 0.00	38.42 2.07 0.00	36.37 1.78 0.00	36.62 1.81 0.00	44.45 2.28 0.00	38.84 2.10 0.00	39.99 1.96 0.00	45.07 1.95 0.00	54.50 2.43 0.00	48.45 1.90 0.00	37.32 1.43 0.00	32.76 1.20 0.00
RAVENSWOOD_GT_9 24257	32.82 1.41 0.00	31.19 1.27 0.00	31.25 1.21 0.00	30.90 1.14 0.00	27.46 1.06 0.00	31.82 1.23 0.00	35.96 1.41 0.00	40.98 1.73 0.00	38.26 1.65 0.00	37.56 1.75 0.00	37.28 1.92 0.00	42.74 2.29 0.00	41.24 2.41 0.00	38.42 2.07 0.00	36.37 1.78 0.00	36.62 1.81 0.00	44.45 2.28 0.00	38.84 2.10 0.00	39.99 1.96 0.00	45.07 1.95 0.00	54.50 2.43 0.00	48.45 1.90 0.00	37.32 1.43 0.00	32.76 1.20 0.00
RAVENSWOOD___1 23533	32.81 1.40 0.00	31.18 1.27 0.00	31.25 1.21 0.00	30.90 1.14 0.00	27.48 1.09 0.00	31.83 1.24 0.00	35.95 1.40 0.00	41.00 1.75 0.00	38.31 1.70 0.00	37.61 1.80 0.00	37.34 1.99 0.00	42.81 2.36 0.00	41.32 2.49 0.00	38.50 2.15 0.00	36.43 1.84 0.00	36.66 1.85 0.00	44.50 2.32 0.00	38.90 2.16 0.00	40.02 1.99 0.00	45.10 1.97 0.00	54.50 2.43 0.00	48.48 1.94 0.00	37.37 1.48 0.00	32.82 1.26 0.00
RAVENSWOOD___2 23534	32.81 1.40 0.00	31.18 1.27 0.00	31.25 1.21 0.00	30.90 1.14 0.00	27.48 1.09 0.00	31.83 1.24 0.00	35.95 1.40 0.00	41.00 1.75 0.00	38.31 1.70 0.00	37.61 1.80 0.00	37.34 1.99 0.00	42.81 2.36 0.00	41.32 2.49 0.00	38.50 2.15 0.00	36.43 1.84 0.00	36.66 1.85 0.00	44.50 2.32 0.00	38.90 2.16 0.00	40.02 1.99 0.00	45.10 1.97 0.00	54.50 2.43 0.00	48.48 1.94 0.00	37.37 1.48 0.00	32.82 1.26 0.00
RAVENSWOOD___3 23535	32.82 1.41 0.00	31.19 1.27 0.00	31.26 1.21 0.00	30.90 1.14 0.00	27.47 1.07 0.00	31.82 1.23 0.00	35.96 1.42 0.00	40.98 1.74 0.00	38.27 1.66 0.00	37.56 1.76 0.00	37.29 1.94 0.00	42.75 2.30 0.00	41.26 2.42 0.00	38.42 2.07 0.00	36.38 1.80 0.00	36.63 1.82 0.00	44.47 2.29 0.00	38.86 2.12 0.00	40.00 1.97 0.00	45.08 1.96 0.00	54.52 2.45 0.00	48.45 1.91 0.00	37.33 1.43 0.00	32.78 1.22 0.00
RAVENSWOOD___4 23820	32.81 1.40 0.00	31.18 1.27 0.00	31.25 1.21 0.00	30.90 1.14 0.00	27.48 1.09 0.00	31.83 1.24 0.00	35.95 1.40 0.00	41.00 1.75 0.00	38.31 1.70 0.00	37.61 1.80 0.00	37.34 1.99 0.00	42.81 2.36 0.00	41.32 2.49 0.00	38.50 2.15 0.00	36.43 1.84 0.00	36.66 1.85 0.00	44.50 2.32 0.00	38.90 2.16 0.00	40.02 1.99 0.00	45.10 1.97 0.00	54.50 2.43 0.00	48.48 1.94 0.00	37.37 1.48 0.00	32.82 1.26 0.00
RCPL_TRUST___DRP 24196	32.99 1.58 0.00	31.34 1.43 0.00	31.41 1.37 0.00	31.05 1.29 0.00	27.61 1.21 0.00	32.01 1.42 0.00	36.20 1.65 0.00	41.31 2.06 0.00	38.58 1.97 0.00	37.91 2.10 0.00	37.65 2.29 0.00	43.17 2.72 0.00	41.67 2.83 0.00	38.82 2.47 0.00	36.75 2.16 0.00	37.00 2.19 0.00	44.91 2.73 0.00	39.23 2.49 0.00	40.35 2.32 0.00	45.44 2.32 0.00	54.96 2.89 0.00	48.73 2.18 0.00	37.51 1.62 0.00	32.90 1.34 0.00
RED___ROCHESTER 323720	30.71 -0.70 0.00	29.21 -0.71 0.00	29.33 -0.71 0.00	29.01 -0.75 0.00	25.75 -0.65 0.00	29.94 -0.64 0.00	33.92 -0.62 0.00	38.58 -0.66 0.00	36.15 -0.46 0.00	35.32 -0.49 0.00	34.82 -0.53 0.00	39.96 -0.49 0.00	38.28 -0.56 0.00	35.99 -0.36 0.00	34.12 -0.47 0.00	34.34 -0.46 0.00	41.42 -0.75 0.00	36.06 -0.68 0.00	37.35 -0.68 0.00	42.57 -0.55 0.00	51.70 -0.37 0.00	46.10 -0.45 0.00	35.36 -0.53 0.00	31.13 -0.43 0.00
REGAN___SOLAR 323812	32.88 1.47 0.00	31.29 1.37 0.00	31.39 1.35 0.00	31.11 1.35 0.00	27.64 1.25 0.00	32.12 1.53 0.00	36.38 1.83 0.00	41.19 1.94 0.00	37.88 1.27 0.00	36.96 1.15 0.00	36.65 1.30 0.00	42.01 1.56 0.00	40.00 1.16 0.00	36.99 0.64 0.00	35.00 0.42 0.00	35.88 1.07 0.00	44.16 1.98 0.00	38.68 1.94 0.00	40.09 2.06 0.00	45.52 2.40 0.00	55.05 2.98 0.00	49.09 2.54 0.00	37.69 1.80 0.00	33.07 1.51 0.00
RENSSELAER___COGEN 23796	31.78 0.38 0.00	30.28 0.37 0.00	30.41 0.37 0.00	30.13 0.37 0.00	26.69 0.30 0.00	30.84 0.25 0.00	34.80 0.26 0.00	39.60 0.35 0.00	36.90 0.29 0.00	36.14 0.33 0.00	35.81 0.45 0.00	40.98 0.53 0.00	39.38 0.55 0.00	36.77 0.42 0.00	34.96 0.37 0.00	35.21 0.40 0.00	42.74 0.56 0.00	37.14 0.40 0.00	38.40 0.37 0.00	43.43 0.31 0.00	52.22 0.15 0.00	46.77 0.22 0.00	36.16 0.27 0.00	31.82 0.26 0.00
REPUBLIC_115KV_BARTNBRK 55605	33.80 2.39 0.00	32.24 2.32 0.00	32.46 2.42 0.00	31.99 2.23 0.00	28.56 2.16 0.00	33.39 2.80 0.00	38.04 3.50 0.00	43.56 4.31 0.00	40.49 3.88 0.00	39.25 3.44 0.00	38.29 2.93 0.00	43.55 3.10 0.00	41.89 3.06 0.00	39.05 2.70 0.00	37.39 2.80 0.00	37.91 3.10 0.00	46.45 4.27 0.00	40.45 3.71 0.00	41.75 3.72 0.00	47.46 4.33 0.00	57.09 5.02 0.00	51.18 4.64 0.00	39.02 3.13 0.00	33.91 2.36 0.00
REVERE_CPPR_DRP 24186	32.21 0.81 0.00	30.73 0.81 0.00	30.90 0.86 0.00	30.66 0.90 0.00	27.21 0.81 0.00	31.63 1.04 0.00	35.88 1.34 0.00	40.72 1.47 0.00	38.01 1.40 0.00	37.15 1.34 0.00	36.52 1.17 0.00	41.60 1.15 0.00	39.78 0.95 0.00	37.23 0.89 0.00	35.47 0.88 0.00	35.78 0.97 0.00	43.49 1.31 0.00	38.06 1.32 0.00	39.51 1.48 0.00	44.91 1.78 0.00	54.27 2.21 0.00	48.34 1.79 0.00	37.11 1.21 0.00	32.59 1.03 0.00
REYNLDDPA_13_KV_LD 356490	31.54 0.14 0.00	30.04 0.13 0.00	30.18 0.13 0.00	29.91 0.15 0.00	26.53 0.14 0.00	30.76 0.18 0.00	34.83 0.28 0.00	39.70 0.45 0.00	37.04 0.43 0.00	36.18 0.37 0.00	35.56 0.20 0.00	40.60 0.15 0.00	39.01 0.18 0.00	36.66 0.31 0.00	35.00 0.41 0.00	35.16 0.35 0.00	42.59 0.41 0.00	37.13 0.38 0.00	38.55 0.52 0.00	43.83 0.70 0.00	52.76 0.69 0.00	47.39 0.85 0.00	36.47 0.58 0.00	31.85 0.29 0.00
REYNOLDS_115KV_TB3 80639	31.95 0.55 0.00	30.45 0.53 0.00	30.57 0.53 0.00	30.31 0.55 0.00	26.84 0.44 0.00	31.02 0.43 0.00	35.01 0.47 0.00	39.84 0.59 0.00	37.12 0.51 0.00	36.36 0.55 0.00	36.04 0.68 0.00	41.20 0.76 0.00	39.62 0.78 0.00	36.98 0.64 0.00	35.21 0.62 0.00	35.46 0.65 0.00	43.00 0.82 0.00	37.34 0.59 0.00	38.61 0.58 0.00	43.69 0.57 0.00	52.53 0.46 0.00	47.06 0.51 0.00	36.38 0.49 0.00	31.97 0.41 0.00

RIVERBAY____ 323610	33.15 1.75 0.00	31.52 1.60 0.00	31.59 1.54 0.00	31.24 1.48 0.00	27.89 1.49 0.00	32.33 1.74 0.00	36.45 1.90 0.00	41.35 2.11 0.00	38.62 2.02 0.00	37.91 2.10 0.00	37.64 2.28 0.00	43.19 2.74 0.00	41.70 2.86 0.00	38.81 2.47 0.00	36.73 2.14 0.00	36.99 2.18 0.00	44.92 2.75 0.00	39.27 2.53 0.00	40.35 2.32 0.00	45.47 2.35 0.00	54.62 2.55 0.00	48.57 2.02 0.00	37.64 1.75 0.00	33.08 1.52 0.00
RIVERSIDE_115KV_TB3 55908	31.89 0.48 0.00	30.38 0.46 0.00	30.51 0.46 0.00	30.24 0.48 0.00	26.78 0.39 0.00	30.95 0.36 0.00	34.93 0.39 0.00	39.76 0.51 0.00	37.04 0.43 0.00	36.28 0.47 0.00	35.95 0.60 0.00	41.15 0.70 0.00	39.54 0.71 0.00	36.91 0.56 0.00	35.12 0.53 0.00	35.37 0.56 0.00	42.92 0.74 0.00	37.29 0.55 0.00	38.55 0.52 0.00	43.61 0.48 0.00	52.40 0.34 0.00	46.95 0.41 0.00	36.31 0.41 0.00	31.92 0.36 0.00
ROARING__BROOK_WT_PWR 323790	30.99 -0.41 0.00	29.64 -0.28 0.00	29.88 -0.16 0.00	29.66 -0.10 0.00	26.36 -0.03 0.00	30.56 -0.03 0.00	34.54 -0.01 0.00	39.25 0.00 0.00	36.61 0.00 0.00	35.82 0.01 0.00	35.33 -0.03 0.00	40.41 -0.04 0.00	38.79 -0.04 0.00	36.34 0.00 0.00	34.60 0.01 0.00	34.79 -0.02 0.00	42.14 -0.04 0.00	36.73 -0.01 0.00	38.06 0.03 0.00	43.12 0.00 0.00	52.03 -0.04 0.00	46.51 -0.04 0.00	35.79 -0.10 0.00	31.43 -0.13 0.00
ROCHESRG_115KV_T4 355643	30.39 -1.02 0.00	28.92 -0.99 0.00	29.05 -0.99 0.00	28.73 -1.02 0.00	25.50 -0.90 0.00	29.63 -0.96 0.00	33.53 -1.01 0.00	38.11 -1.14 0.00	35.67 -0.94 0.00	34.85 -0.96 0.00	34.34 -1.01 0.00	39.41 -1.04 0.00	37.75 -1.09 0.00	35.49 -0.86 0.00	33.66 -0.94 0.00	33.87 -0.94 0.00	40.85 -1.33 0.00	35.54 -1.20 0.00	36.81 -1.21 0.00	41.96 -1.16 0.00	50.98 -1.09 0.00	45.49 -1.06 0.00	34.92 -0.97 0.00	30.78 -0.78 0.00
ROCHESTER_9_IC 23652	30.60 -0.80 0.00	29.11 -0.81 0.00	29.24 -0.81 0.00	28.91 -0.84 0.00	25.67 -0.73 0.00	29.85 -0.74 0.00	33.80 -0.75 0.00	38.43 -0.82 0.00	36.00 -0.61 0.00	35.18 -0.63 0.00	34.68 -0.68 0.00	39.79 -0.66 0.00	38.12 -0.71 0.00	35.83 -0.52 0.00	33.97 -0.62 0.00	34.19 -0.62 0.00	41.24 -0.94 0.00	35.89 -0.85 0.00	37.16 -0.87 0.00	42.35 -0.77 0.00	51.46 -0.61 0.00	45.90 -0.65 0.00	35.22 -0.68 0.00	31.01 -0.54 0.00
ROCKVIEW_13_KV_LD 356306	32.89 1.49 0.00	31.25 1.34 0.00	31.31 1.27 0.00	30.93 1.17 0.00	27.46 1.06 0.00	31.84 1.25 0.00	35.99 1.45 0.00	41.02 1.77 0.00	38.27 1.66 0.00	37.57 1.76 0.00	37.28 1.93 0.00	42.73 2.28 0.00	41.22 2.38 0.00	38.42 2.07 0.00	36.37 1.78 0.00	36.61 1.80 0.00	44.44 2.27 0.00	38.84 2.10 0.00	40.05 2.02 0.00	45.18 2.06 0.00	54.60 2.53 0.00	48.59 2.04 0.00	37.42 1.52 0.00	32.86 1.30 0.00
ROME____115KV_TB2 80656	32.21 0.81 0.00	30.73 0.81 0.00	30.90 0.86 0.00	30.66 0.90 0.00	27.21 0.81 0.00	31.63 1.04 0.00	35.88 1.34 0.00	40.72 1.47 0.00	38.01 1.40 0.00	37.15 1.34 0.00	36.52 1.17 0.00	41.60 1.15 0.00	39.78 0.95 0.00	37.23 0.89 0.00	35.47 0.88 0.00	35.78 0.97 0.00	43.49 1.31 0.00	38.06 1.32 0.00	39.51 1.48 0.00	44.91 1.78 0.00	54.27 2.21 0.00	48.34 1.79 0.00	37.11 1.21 0.00	32.59 1.03 0.00
ROSETON__1 23587	32.48 1.08 0.00	30.87 0.95 0.00	30.96 0.92 0.00	30.60 0.84 0.00	27.17 0.77 0.00	31.47 0.88 0.00	35.57 1.03 0.00	40.50 1.25 0.00	37.79 1.18 0.00	37.05 1.24 0.00	36.76 1.40 0.00	42.10 1.65 0.00	40.56 1.73 0.00	37.83 1.48 0.00	35.86 1.27 0.00	36.13 1.32 0.00	43.84 1.67 0.00	38.26 1.51 0.00	39.44 1.42 0.00	44.54 1.41 0.00	53.80 1.73 0.00	47.94 1.40 0.00	36.94 1.04 0.00	32.48 0.92 0.00
ROSETON__2 23588	32.48 1.08 0.00	30.87 0.95 0.00	30.96 0.92 0.00	30.60 0.84 0.00	27.17 0.77 0.00	31.47 0.88 0.00	35.57 1.03 0.00	40.50 1.25 0.00	37.79 1.18 0.00	37.05 1.24 0.00	36.76 1.40 0.00	42.10 1.65 0.00	40.56 1.73 0.00	37.83 1.48 0.00	35.86 1.27 0.00	36.13 1.32 0.00	43.84 1.67 0.00	38.26 1.51 0.00	39.44 1.42 0.00	44.54 1.41 0.00	53.80 1.73 0.00	47.94 1.40 0.00	36.94 1.04 0.00	32.48 0.92 0.00
ROTTDRAM_115KV_TB3 80664	32.08 0.67 0.00	30.55 0.63 0.00	30.67 0.63 0.00	30.39 0.63 0.00	26.95 0.55 0.00	31.21 0.62 0.00	35.28 0.73 0.00	40.11 0.86 0.00	37.32 0.71 0.00	36.51 0.70 0.00	36.09 0.74 0.00	41.31 0.86 0.00	39.69 0.85 0.00	37.05 0.70 0.00	35.22 0.63 0.00	35.52 0.71 0.00	43.18 1.00 0.00	37.59 0.85 0.00	38.89 0.86 0.00	44.06 0.94 0.00	53.15 1.08 0.00	47.48 0.93 0.00	36.63 0.73 0.00	32.18 0.62 0.00
RUSSELL__1 23602	30.71 -0.70 0.00	29.21 -0.71 0.00	29.33 -0.71 0.00	29.00 -0.76 0.00	25.75 -0.65 0.00	29.95 -0.64 0.00	33.92 -0.62 0.00	38.59 -0.66 0.00	36.15 -0.46 0.00	35.32 -0.49 0.00	34.83 -0.53 0.00	39.96 -0.48 0.00	38.28 -0.56 0.00	35.99 -0.36 0.00	34.12 -0.47 0.00	34.34 -0.47 0.00	41.42 -0.76 0.00	36.06 -0.68 0.00	37.35 -0.68 0.00	42.57 -0.56 0.00	51.71 -0.36 0.00	46.10 -0.45 0.00	35.36 -0.53 0.00	31.13 -0.43 0.00
RUSSELL__2 23532	30.71 -0.70 0.00	29.21 -0.71 0.00	29.33 -0.71 0.00	29.00 -0.76 0.00	25.75 -0.65 0.00	29.95 -0.64 0.00	33.92 -0.62 0.00	38.59 -0.66 0.00	36.15 -0.46 0.00	35.32 -0.49 0.00	34.83 -0.53 0.00	39.96 -0.48 0.00	38.28 -0.56 0.00	35.99 -0.36 0.00	34.12 -0.47 0.00	34.34 -0.47 0.00	41.42 -0.76 0.00	36.06 -0.68 0.00	37.35 -0.68 0.00	42.57 -0.56 0.00	51.71 -0.36 0.00	46.10 -0.45 0.00	35.36 -0.53 0.00	31.13 -0.43 0.00
RUSSELL__3 23549	30.71 -0.70 0.00	29.21 -0.71 0.00	29.33 -0.71 0.00	29.00 -0.76 0.00	25.75 -0.65 0.00	29.95 -0.64 0.00	33.92 -0.62 0.00	38.59 -0.66 0.00	36.15 -0.46 0.00	35.32 -0.49 0.00	34.83 -0.53 0.00	39.96 -0.48 0.00	38.28 -0.56 0.00	35.99 -0.36 0.00	34.12 -0.47 0.00	34.34 -0.47 0.00	41.42 -0.76 0.00	36.06 -0.68 0.00	37.35 -0.68 0.00	42.57 -0.56 0.00	51.71 -0.36 0.00	46.10 -0.45 0.00	35.36 -0.53 0.00	31.13 -0.43 0.00
RUSSELL__4 23556	30.71 -0.70 0.00	29.21 -0.71 0.00	29.33 -0.71 0.00	29.00 -0.76 0.00	25.75 -0.65 0.00	29.95 -0.64 0.00	33.92 -0.62 0.00	38.59 -0.66 0.00	36.15 -0.46 0.00	35.32 -0.49 0.00	34.83 -0.53 0.00	39.96 -0.48 0.00	38.28 -0.56 0.00	35.99 -0.36 0.00	34.12 -0.47 0.00	34.34 -0.47 0.00	41.42 -0.76 0.00	36.06 -0.68 0.00	37.35 -0.68 0.00	42.57 -0.56 0.00	51.71 -0.36 0.00	46.10 -0.45 0.00	35.36 -0.53 0.00	31.13 -0.43 0.00
RUSSELL__STATION 23914	30.71 -0.70 0.00	29.21 -0.71 0.00	29.33 -0.71 0.00	29.00 -0.76 0.00	25.75 -0.65 0.00	29.95 -0.64 0.00	33.92 -0.62 0.00	38.59 -0.66 0.00	36.15 -0.46 0.00	35.32 -0.49 0.00	34.83 -0.53 0.00	39.96 -0.48 0.00	38.28 -0.56 0.00	35.99 -0.36 0.00	34.12 -0.47 0.00	34.34 -0.47 0.00	41.42 -0.76 0.00	36.06 -0.68 0.00	37.35 -0.68 0.00	42.57 -0.56 0.00	51.71 -0.36 0.00	46.10 -0.45 0.00	35.36 -0.53 0.00	31.13 -0.43 0.00

S SALMON___HYD 24043	30.77 -0.63 0.00	29.35 -0.56 0.00	29.55 -0.49 0.00	29.33 -0.43 0.00	25.99 -0.41 0.00	30.14 -0.45 0.00	34.05 -0.50 0.00	38.57 -0.68 0.00	35.98 -0.63 0.00	35.27 -0.54 0.00	34.79 -0.57 0.00	39.62 -0.83 0.00	37.85 -0.98 0.00	35.47 -0.88 0.00	33.73 -0.86 0.00	33.88 -0.93 0.00	41.04 -1.13 0.00	35.78 -0.96 0.00	37.05 -0.98 0.00	42.09 -1.03 0.00	50.90 -1.18 0.00	45.41 -1.13 0.00	34.99 -0.91 0.00	30.96 -0.60 0.00
S.PERRY___115KV_TB1 80734	31.30 -0.41 -0.31	29.56 -0.35 0.00	29.73 -0.32 0.00	29.39 -0.36 0.00	26.08 -0.32 0.00	30.44 -0.15 0.00	34.63 0.08 0.00	39.45 0.21 0.00	36.82 0.21 0.00	35.90 0.09 0.00	35.53 0.17 0.00	40.80 0.35 0.00	38.92 0.08 0.00	36.66 0.31 0.00	34.87 0.28 0.00	34.94 0.13 0.00	46.75 0.00 -4.58	45.29 0.02 -8.53	38.27 0.24 0.00	43.69 0.56 0.00	53.25 1.18 0.00	47.35 0.80 0.00	36.22 0.33 0.00	31.91 0.35 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	29.26 -2.04 0.10	27.95 -1.96 0.00	28.12 -1.92 0.00	27.77 -1.99 0.00	24.61 -1.78 0.00	28.64 -1.95 0.00	32.39 -2.15 0.00	36.79 -2.46 0.00	34.54 -2.07 0.00	33.69 -2.12 0.00	33.15 -2.21 0.00	38.14 -2.31 0.00	36.50 -2.34 0.00	34.52 -1.83 0.00	32.62 -1.97 0.00	32.80 -2.01 0.00	37.85 -2.84 1.49	31.42 -2.53 2.78	35.44 -2.59 0.00	40.63 -2.49 0.00	49.63 -2.44 0.00	44.36 -2.19 0.00	33.99 -1.91 0.00	30.00 -1.56 0.00
SAWYER___23_KV_LOAD 55526	29.26 -2.04 0.10	27.95 -1.96 0.00	28.12 -1.92 0.00	27.77 -1.99 0.00	24.61 -1.78 0.00	28.64 -1.95 0.00	32.39 -2.15 0.00	36.79 -2.46 0.00	34.54 -2.07 0.00	33.69 -2.12 0.00	33.15 -2.21 0.00	38.14 -2.31 0.00	36.50 -2.34 0.00	34.52 -1.83 0.00	32.62 -1.97 0.00	32.80 -2.01 0.00	37.85 -2.84 1.49	31.42 -2.53 2.78	35.44 -2.59 0.00	40.63 -2.49 0.00	49.63 -2.44 0.00	44.36 -2.19 0.00	33.99 -1.91 0.00	30.00 -1.56 0.00
SELKIRK___I 23801	32.04 0.64 0.00	30.53 0.62 0.00	30.66 0.61 0.00	30.37 0.61 0.00	26.92 0.53 0.00	31.14 0.55 0.00	35.14 0.60 0.00	39.94 0.70 0.00	37.19 0.58 0.00	36.40 0.59 0.00	36.05 0.70 0.00	41.21 0.76 0.00	39.54 0.70 0.00	36.96 0.61 0.00	35.05 0.46 0.00	35.29 0.48 0.00	43.03 0.85 0.00	37.46 0.72 0.00	38.73 0.70 0.00	43.82 0.70 0.00	52.78 0.71 0.00	47.26 0.71 0.00	36.49 0.59 0.00	32.11 0.56 0.00
SELKIRK___II 23799	31.87 0.47 0.00	30.36 0.45 0.00	30.48 0.44 0.00	30.20 0.43 0.00	26.76 0.36 0.00	30.94 0.36 0.00	34.93 0.39 0.00	39.74 0.49 0.00	37.02 0.41 0.00	36.26 0.45 0.00	35.91 0.56 0.00	41.08 0.64 0.00	39.48 0.64 0.00	36.87 0.53 0.00	35.04 0.46 0.00	35.30 0.49 0.00	42.85 0.68 0.00	37.28 0.54 0.00	38.54 0.51 0.00	43.59 0.47 0.00	52.48 0.41 0.00	46.96 0.42 0.00	36.29 0.39 0.00	31.92 0.37 0.00
SENECA OSWGO___HYD 24041	30.58 -0.83 0.00	29.13 -0.79 0.00	29.25 -0.79 0.00	28.97 -0.79 0.00	25.70 -0.70 0.00	29.80 -0.79 0.00	33.61 -0.94 0.00	38.06 -1.19 0.00	35.55 -1.06 0.00	34.78 -1.03 0.00	34.37 -0.99 0.00	39.28 -1.17 0.00	37.61 -1.22 0.00	35.23 -1.12 0.00	33.50 -1.09 0.00	33.71 -1.10 0.00	40.75 -1.43 0.00	35.55 -1.19 0.00	36.79 -1.24 0.00	41.74 -1.38 0.00	50.44 -1.63 0.00	45.02 -1.53 0.00	34.73 -1.17 0.00	30.68 -0.88 0.00
SENECA___115KV_TB3 355854	29.52 -1.78 0.11	28.21 -1.71 0.00	28.37 -1.67 0.00	28.03 -1.73 0.00	24.83 -1.57 0.00	28.93 -1.66 0.00	32.75 -1.80 0.00	37.23 -2.02 0.00	34.96 -1.64 0.00	34.12 -1.69 0.00	33.58 -1.78 0.00	38.66 -1.79 0.00	36.97 -1.86 0.00	34.97 -1.37 0.00	33.04 -1.55 0.00	33.20 -1.61 0.00	38.27 -2.31 1.59	31.71 -2.06 2.97	35.90 -2.13 0.00	41.15 -1.98 0.00	50.26 -1.81 0.00	44.90 -1.64 0.00	34.36 -1.54 0.00	30.32 -1.24 0.00
SENECA___ENERGY 23797	30.99 -0.44 -0.02	29.47 -0.44 0.00	29.58 -0.46 0.00	29.27 -0.49 0.00	25.98 -0.42 0.00	30.18 -0.41 0.00	34.23 -0.32 0.00	38.94 -0.31 0.00	36.29 -0.32 0.00	35.47 -0.34 0.00	35.02 -0.34 0.00	40.11 -0.34 0.00	38.47 -0.36 0.00	36.04 -0.31 0.00	34.23 -0.36 0.00	34.42 -0.39 0.00	41.97 -0.53 -0.33	36.88 -0.48 -0.61	37.58 -0.45 0.00	42.74 -0.38 0.00	51.75 -0.33 0.00	46.11 -0.44 0.00	35.41 -0.48 0.00	31.23 -0.33 0.00
SHOEMAKER___GT 23640	32.43 1.02 0.00	30.81 0.90 0.00	30.91 0.87 0.00	30.57 0.81 0.00	27.15 0.76 0.00	31.47 0.88 0.00	35.58 1.03 0.00	40.48 1.24 0.00	37.73 1.12 0.00	36.95 1.14 0.00	36.58 1.23 0.00	41.89 1.44 0.00	40.36 1.53 0.00	37.67 1.32 0.00	35.76 1.17 0.00	36.05 1.24 0.00	43.74 1.56 0.00	38.18 1.44 0.00	39.39 1.36 0.00	44.52 1.40 0.00	53.85 1.78 0.00	47.96 1.41 0.00	36.94 1.04 0.00	32.47 0.91 0.00
SHOEMAKR_138KV_BK 111 55601	32.41 1.00 0.00	30.80 0.89 0.00	30.91 0.86 0.00	30.57 0.81 0.00	27.15 0.75 0.00	31.46 0.88 0.00	35.57 1.02 0.00	40.47 1.22 0.00	37.73 1.12 0.00	36.96 1.15 0.00	36.61 1.26 0.00	41.93 1.48 0.00	40.39 1.56 0.00	37.70 1.35 0.00	35.77 1.18 0.00	36.06 1.25 0.00	43.75 1.58 0.00	38.19 1.45 0.00	39.39 1.36 0.00	44.51 1.38 0.00	53.82 1.75 0.00	47.95 1.40 0.00	36.91 1.01 0.00	32.45 0.89 0.00
SHOREHAM_IC_1 23715	33.33 1.93 0.00	31.52 1.61 0.00	31.53 1.49 0.00	31.12 1.36 0.00	27.62 1.22 0.00	31.98 1.39 0.00	36.15 1.61 0.00	41.09 1.84 0.00	38.55 1.94 0.00	38.04 2.23 0.00	37.41 1.98 -0.08	46.31 2.63 -3.23	42.41 3.15 -0.42	44.41 2.91 -5.16	36.99 2.39 -0.01	36.69 1.88 0.00	44.44 2.26 0.00	39.22 2.48 0.00	40.38 2.24 -0.12	47.95 2.56 -2.27	55.39 3.33 0.00	49.53 2.88 -0.10	39.51 2.34 -1.27	46.23 1.95 -12.72
SHOREHAM_IC_2 23716	33.33 1.93 0.00	31.52 1.61 0.00	31.53 1.49 0.00	31.12 1.36 0.00	27.62 1.22 0.00	31.98 1.39 0.00	36.15 1.61 0.00	41.09 1.84 0.00	38.55 1.94 0.00	38.04 2.23 0.00	37.41 1.98 -0.08	46.31 2.63 -3.23	42.41 3.15 -0.42	44.41 2.91 -5.16	36.99 2.39 -0.01	36.69 1.88 0.00	44.44 2.26 0.00	39.22 2.48 0.00	40.38 2.24 -0.12	47.95 2.56 -2.27	55.39 3.33 0.00	49.53 2.88 -0.10	39.51 2.34 -1.27	46.23 1.95 -12.72
SISSONVILLE___ 23735	30.97 -0.44 0.00	29.53 -0.38 0.00	29.71 -0.33 0.00	29.51 -0.25 0.00	26.19 -0.21 0.00	30.41 -0.18 0.00	34.51 -0.04 0.00	39.31 0.06 0.00	36.56 -0.05 0.00	35.66 -0.15 0.00	34.90 -0.45 0.00	39.43 -1.02 0.00	37.81 -1.03 0.00	35.54 -0.81 0.00	33.90 -0.69 0.00	33.87 -0.94 0.00	40.82 -1.35 0.00	35.82 -0.92 0.00	37.28 -0.75 0.00	42.68 -0.45 0.00	51.69 -0.38 0.00	46.29 -0.26 0.00	35.77 -0.12 0.00	31.31 -0.25 0.00
SITHE_IND_GS1 24169	30.53 -0.88 0.00	29.08 -0.84 0.00	29.20 -0.84 0.00	28.92 -0.84 0.00	25.66 -0.74 0.00	29.73 -0.86 0.00	33.48 -1.06 0.00	37.88 -1.37 0.00	35.36 -1.25 0.00	34.58 -1.23 0.00	34.15 -1.20 0.00	39.08 -1.37 0.00	37.46 -1.37 0.00	35.04 -1.30 0.00	33.34 -1.25 0.00	33.57 -1.25 0.00	40.57 -1.60 0.00	35.37 -1.37 0.00	36.59 -1.44 0.00	41.51 -1.61 0.00	50.17 -1.90 0.00	44.80 -1.75 0.00	34.63 -1.26 0.00	30.63 -0.93 0.00

SITHE_IND_GS2 24170	30.53 -0.88 0.00	29.08 -0.84 0.00	29.20 -0.84 0.00	28.92 -0.84 0.00	25.66 -0.74 0.00	29.73 -0.86 0.00	33.48 -1.06 0.00	37.88 -1.37 0.00	35.36 -1.25 0.00	34.58 -1.23 0.00	34.15 -1.20 0.00	39.08 -1.37 0.00	37.46 -1.37 0.00	35.04 -1.30 0.00	33.34 -1.25 0.00	33.57 -1.25 0.00	40.57 -1.60 0.00	35.37 -1.37 0.00	36.59 -1.44 0.00	41.51 -1.61 0.00	50.17 -1.90 0.00	44.80 -1.75 0.00	34.63 -1.26 0.00	30.63 -0.93 0.00
SITHE_IND_GS3 24171	30.53 -0.88 0.00	29.08 -0.84 0.00	29.20 -0.84 0.00	28.92 -0.84 0.00	25.66 -0.74 0.00	29.73 -0.86 0.00	33.48 -1.06 0.00	37.88 -1.37 0.00	35.36 -1.25 0.00	34.58 -1.23 0.00	34.15 -1.20 0.00	39.08 -1.37 0.00	37.46 -1.37 0.00	35.04 -1.30 0.00	33.34 -1.25 0.00	33.57 -1.25 0.00	40.57 -1.60 0.00	35.37 -1.37 0.00	36.59 -1.44 0.00	41.51 -1.61 0.00	50.17 -1.90 0.00	44.80 -1.75 0.00	34.63 -1.26 0.00	30.63 -0.93 0.00
SITHE_IND_GS4 24172	30.53 -0.88 0.00	29.08 -0.84 0.00	29.20 -0.84 0.00	28.92 -0.84 0.00	25.66 -0.74 0.00	29.73 -0.86 0.00	33.48 -1.06 0.00	37.88 -1.37 0.00	35.36 -1.25 0.00	34.58 -1.23 0.00	34.15 -1.20 0.00	39.08 -1.37 0.00	37.46 -1.37 0.00	35.04 -1.30 0.00	33.34 -1.25 0.00	33.57 -1.25 0.00	40.57 -1.60 0.00	35.37 -1.37 0.00	36.59 -1.44 0.00	41.51 -1.61 0.00	50.17 -1.90 0.00	44.80 -1.75 0.00	34.63 -1.26 0.00	30.63 -0.93 0.00
SITHE___BATAVIA 24024	30.25 -1.10 0.05	28.83 -1.08 0.00	28.98 -1.06 0.00	28.63 -1.12 0.00	25.41 -0.98 0.00	29.61 -0.97 0.00	33.60 -0.94 0.00	38.25 -1.00 0.00	35.87 -0.73 0.00	34.96 -0.85 0.00	34.46 -0.89 0.00	39.57 -0.88 0.00	37.84 -0.99 0.00	35.71 -0.64 0.00	33.79 -0.80 0.00	34.03 -0.78 0.00	40.08 -1.31 0.78	34.19 -1.10 1.46	36.88 -1.15 0.00	42.21 -0.92 0.00	51.42 -0.65 0.00	45.88 -0.67 0.00	35.11 -0.79 0.00	30.92 -0.64 0.00
SITHE___INDEPEND 23800	30.53 -0.88 0.00	29.08 -0.84 0.00	29.20 -0.84 0.00	28.92 -0.84 0.00	25.65 -0.74 0.00	29.73 -0.86 0.00	33.48 -1.06 0.00	37.88 -1.37 0.00	35.36 -1.25 0.00	34.58 -1.23 0.00	34.15 -1.20 0.00	39.08 -1.37 0.00	37.46 -1.37 0.00	35.04 -1.30 0.00	33.34 -1.25 0.00	33.56 -1.25 0.00	40.57 -1.60 0.00	35.37 -1.37 0.00	36.59 -1.44 0.00	41.51 -1.61 0.00	50.17 -1.90 0.00	44.80 -1.75 0.00	34.64 -1.26 0.00	30.63 -0.93 0.00
SITHE___MASSENA 23902	31.53 0.12 0.00	30.04 0.12 0.00	30.17 0.13 0.00	29.92 0.15 0.00	26.54 0.14 0.00	30.77 0.18 0.00	34.85 0.30 0.00	39.70 0.45 0.00	37.03 0.43 0.00	36.17 0.36 0.00	35.52 0.17 0.00	40.54 0.09 0.00	38.93 0.10 0.00	36.58 0.23 0.00	34.93 0.34 0.00	35.08 0.28 0.00	42.46 0.29 0.00	37.05 0.31 0.00	38.48 0.45 0.00	43.75 0.62 0.00	52.78 0.71 0.00	47.27 0.72 0.00	36.44 0.55 0.00	31.81 0.25 0.00
SITHE___OGDNSBRG 24021	31.77 0.36 0.00	30.27 0.35 0.00	30.42 0.37 0.00	30.20 0.44 0.00	26.81 0.41 0.00	31.12 0.54 0.00	35.32 0.77 0.00	40.18 0.94 0.00	37.34 0.73 0.00	36.38 0.57 0.00	35.53 0.17 0.00	40.35 -0.10 0.00	38.74 -0.10 0.00	36.40 0.06 0.00	34.74 0.15 0.00	34.84 0.03 0.00	42.09 -0.08 0.00	37.07 0.33 0.00	38.63 0.61 0.00	44.06 0.94 0.00	53.34 1.27 0.00	47.77 1.23 0.00	36.83 0.93 0.00	32.13 0.57 0.00
SITHE___STERLING 23777	32.00 0.60 0.00	30.50 0.59 0.00	30.64 0.60 0.00	30.37 0.61 0.00	26.95 0.55 0.00	31.32 0.73 0.00	35.48 0.93 0.00	40.26 1.02 0.00	37.57 0.96 0.00	36.71 0.91 0.00	36.16 0.81 0.00	41.25 0.81 0.00	39.45 0.62 0.00	36.94 0.59 0.00	35.16 0.57 0.00	35.46 0.64 0.00	43.10 0.93 0.00	37.65 0.91 0.00	39.03 1.00 0.00	44.32 1.20 0.00	53.58 1.51 0.00	47.74 1.19 0.00	36.69 0.80 0.00	32.25 0.70 0.00
SLEIGHT__34_KV_TB1 80719	30.61 -0.80 0.00	29.10 -0.81 0.00	29.22 -0.82 0.00	28.92 -0.83 0.00	25.69 -0.70 0.00	29.87 -0.72 0.00	33.85 -0.70 0.00	38.53 -0.72 0.00	36.00 -0.60 0.00	35.16 -0.64 0.00	34.65 -0.70 0.00	39.70 -0.75 0.00	38.04 -0.80 0.00	35.65 -0.69 0.00	33.87 -0.72 0.00	34.11 -0.69 0.00	41.21 -0.96 0.00	35.85 -0.90 0.00	37.17 -0.86 0.00	42.31 -0.81 0.00	51.23 -0.84 0.00	45.67 -0.88 0.00	35.08 -0.82 0.00	30.90 -0.66 0.00
SOUTH CAIRO___GT 23612	32.71 1.30 0.00	31.12 1.21 0.00	31.23 1.19 0.00	30.93 1.17 0.00	27.40 1.00 0.00	31.74 1.16 0.00	35.94 1.39 0.00	40.94 1.69 0.00	38.07 1.46 0.00	37.15 1.34 0.00	36.78 1.43 0.00	42.01 1.56 0.00	40.23 1.39 0.00	37.71 1.36 0.00	35.61 1.02 0.00	35.81 1.00 0.00	44.04 1.87 0.00	38.41 1.67 0.00	39.89 1.87 0.00	45.14 2.02 0.00	54.34 2.27 0.00	48.57 2.02 0.00	37.41 1.51 0.00	32.82 1.26 0.00
SOUTH HAMPTN___IC 23720	33.16 1.76 0.00	31.36 1.45 0.00	31.37 1.32 0.00	30.96 1.21 0.00	27.48 1.09 0.00	31.85 1.26 0.00	36.04 1.50 0.00	41.01 1.76 0.00	38.58 1.98 0.00	38.18 2.37 0.00	37.50 2.07 -0.08	46.33 2.65 -3.23	42.51 3.26 -0.42	44.74 3.25 -5.15	37.46 2.86 -0.01	37.26 2.45 0.00	45.18 3.01 0.00	39.83 3.08 0.00	40.98 2.83 -0.13	48.88 3.37 -2.38	56.33 4.26 0.00	50.33 3.69 -0.10	40.09 2.93 -1.27	46.69 2.43 -12.70
SOUTHDOW__115KV_TB1 355954	30.50 -0.81 0.10	29.22 -0.69 0.00	29.38 -0.66 0.00	28.92 -0.83 0.00	25.66 -0.73 0.00	30.03 -0.56 0.00	34.10 -0.44 0.00	38.94 -0.31 0.00	36.49 -0.11 0.00	35.64 -0.17 0.00	35.15 -0.21 0.00	40.55 0.10 0.00	38.80 -0.04 0.00	36.69 0.34 0.00	34.62 0.03 0.00	34.88 0.07 0.00	40.62 -0.16 1.40	33.87 -0.27 2.61	37.67 -0.36 0.00	43.12 -0.01 0.00	52.66 0.59 0.00	46.90 0.35 0.00	35.65 -0.24 0.00	31.42 -0.14 0.00
SOUTHOLD_69_KV_BK 2 55809	32.88 1.47 0.00	31.09 1.18 0.00	31.09 1.05 0.00	30.69 0.93 0.00	27.24 0.85 0.00	31.59 1.00 0.00	35.75 1.21 0.00	40.70 1.45 0.00	38.40 1.79 0.00	38.09 2.28 0.00	37.33 1.89 -0.08	46.05 2.37 -3.23	42.34 3.09 -0.42	44.81 3.32 -5.15	37.67 3.08 -0.01	37.57 2.76 0.00	45.61 3.43 0.00	40.20 3.45 0.00	41.33 3.17 -0.13	49.34 3.84 -2.38	56.87 4.80 0.00	50.82 4.17 -0.10	40.45 3.29 -1.27	46.97 2.71 -12.70
SOUTHOLD___IC 23719	32.88 1.48 0.00	31.09 1.18 0.00	31.09 1.05 0.00	30.69 0.93 0.00	27.24 0.85 0.00	31.59 1.00 0.00	35.76 1.21 0.00	40.70 1.45 0.00	38.40 1.79 0.00	38.09 2.28 0.00	37.33 1.89 -0.08	46.05 2.38 -3.23	42.34 3.09 -0.42	44.82 3.32 -5.15	37.67 3.07 -0.01	37.57 2.76 0.00	45.61 3.43 0.00	40.21 3.46 0.00	41.33 3.17 -0.13	49.34 3.84 -2.38	56.89 4.82 0.00	50.82 4.17 -0.10	40.45 3.28 -1.27	46.98 2.71 -12.70
SOUTH_FORK_WT_PWR 323839	32.43 1.02 0.00	30.65 0.74 0.00	30.66 0.62 0.00	30.26 0.50 0.00	26.86 0.46 0.00	31.14 0.55 0.00	35.27 0.72 0.00	40.17 0.92 0.00	37.98 1.37 0.00	37.76 1.96 0.00	36.91 1.48 -0.08	45.54 1.86 -3.23	41.92 2.67 -0.42	44.65 3.15 -5.15	37.66 3.07 -0.01	37.65 2.84 0.00	45.76 3.59 0.00	40.33 3.58 0.00	41.39 3.23 -0.13	49.49 3.99 -2.38	57.03 4.96 0.00	50.97 4.32 -0.10	40.57 3.40 -1.27	47.07 2.81 -12.70

SPIERFLS_115KV_TB1 80737	32.69 1.29 0.00	31.14 1.23 0.00	31.36 1.31 0.00	31.04 1.29 0.00	27.55 1.15 0.00	31.92 1.33 0.00	36.22 1.67 0.00	41.34 2.09 0.00	38.40 1.79 0.00	37.30 1.49 0.00	36.73 1.38 0.00	41.99 1.54 0.00	40.34 1.50 0.00	37.67 1.32 0.00	35.85 1.26 0.00	36.24 1.43 0.00	44.42 2.24 0.00	38.66 1.91 0.00	40.05 2.03 0.00	45.44 2.31 0.00	54.77 2.71 0.00	48.95 2.41 0.00	37.57 1.67 0.00	32.88 1.32 0.00
ST LAWRENCE____ 23600	31.31 -0.09 0.00	29.82 -0.09 0.00	29.95 -0.09 0.00	29.69 -0.07 0.00	26.34 -0.06 0.00	30.53 -0.06 0.00	34.55 0.01 0.00	39.36 0.12 0.00	36.74 0.13 0.00	35.90 0.09 0.00	35.31 -0.05 0.00	40.34 -0.11 0.00	38.75 -0.09 0.00	36.40 0.06 0.00	34.72 0.13 0.00	34.91 0.10 0.00	42.26 0.08 0.00	36.82 0.08 0.00	38.22 0.19 0.00	43.44 0.31 0.00	52.42 0.35 0.00	46.97 0.42 0.00	36.17 0.28 0.00	31.59 0.03 0.00
STATE_CA_115KV_115_LB 55624	31.94 0.53 0.00	30.43 0.51 0.00	30.54 0.50 0.00	30.27 0.51 0.00	26.82 0.42 0.00	31.00 0.41 0.00	35.00 0.45 0.00	39.82 0.57 0.00	37.10 0.49 0.00	36.34 0.54 0.00	36.01 0.66 0.00	41.23 0.79 0.00	39.62 0.78 0.00	36.98 0.63 0.00	35.16 0.57 0.00	35.41 0.60 0.00	43.02 0.85 0.00	37.39 0.65 0.00	38.64 0.61 0.00	43.70 0.57 0.00	52.53 0.45 0.00	47.04 0.50 0.00	36.36 0.46 0.00	31.98 0.42 0.00
STATE_ST_34_KV_LOAD 55959	31.47 0.05 -0.01	29.88 -0.04 0.00	29.96 -0.08 0.00	29.66 -0.10 0.00	26.39 -0.01 0.00	30.67 0.08 0.00	34.73 0.18 0.00	39.64 0.39 0.00	36.88 0.27 0.00	35.94 0.13 0.00	35.50 0.15 0.00	40.55 0.10 0.00	38.84 0.01 0.00	36.36 0.02 0.00	34.55 -0.04 0.00	34.79 -0.01 0.00	42.30 -0.06 -0.18	36.91 -0.17 -0.33	37.97 -0.05 0.00	43.18 0.06 0.00	52.09 0.02 0.00	46.42 -0.12 0.00	35.72 -0.18 0.00	31.50 -0.06 0.00
STATION 5_MISC_HYD 23604	30.61 -0.80 0.00	29.11 -0.80 0.00	29.24 -0.81 0.00	28.92 -0.84 0.00	25.67 -0.73 0.00	29.85 -0.74 0.00	33.80 -0.74 0.00	38.43 -0.82 0.00	36.00 -0.61 0.00	35.18 -0.63 0.00	34.68 -0.67 0.00	39.79 -0.66 0.00	38.12 -0.71 0.00	35.83 -0.52 0.00	33.97 -0.62 0.00	34.19 -0.62 0.00	41.24 -0.94 0.00	35.89 -0.85 0.00	37.16 -0.87 0.00	42.36 -0.76 0.00	51.46 -0.61 0.00	45.89 -0.65 0.00	35.21 -0.68 0.00	31.01 -0.55 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	30.81 -0.60 0.00	29.32 -0.59 0.00	29.45 -0.60 0.00	29.14 -0.62 0.00	25.86 -0.53 0.00	30.08 -0.51 0.00	34.07 -0.47 0.00	38.72 -0.53 0.00	36.18 -0.42 0.00	35.38 -0.43 0.00	34.90 -0.46 0.00	40.02 -0.43 0.00	38.34 -0.49 0.00	35.99 -0.36 0.00	34.15 -0.44 0.00	34.37 -0.44 0.00	41.52 -0.66 0.00	36.16 -0.58 0.00	37.44 -0.59 0.00	42.63 -0.50 0.00	51.71 -0.36 0.00	46.08 -0.46 0.00	35.37 -0.52 0.00	31.16 -0.40 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	30.42 -0.99 0.00	28.94 -0.97 0.00	29.07 -0.98 0.00	28.76 -0.99 0.00	25.53 -0.87 0.00	29.66 -0.92 0.00	33.59 -0.96 0.00	38.19 -1.06 0.00	35.75 -0.85 0.00	34.95 -0.86 0.00	34.45 -0.91 0.00	39.53 -0.92 0.00	37.86 -0.97 0.00	35.58 -0.77 0.00	33.76 -0.83 0.00	33.97 -0.83 0.00	40.98 -1.19 0.00	35.66 -1.08 0.00	36.94 -1.09 0.00	42.08 -1.04 0.00	51.10 -0.97 0.00	45.57 -0.98 0.00	34.99 -0.91 0.00	30.82 -0.74 0.00
STA_56____34_KV_BUS2 355983	30.42 -0.99 0.00	28.94 -0.97 0.00	29.07 -0.98 0.00	28.76 -0.99 0.00	25.53 -0.87 0.00	29.66 -0.92 0.00	33.59 -0.96 0.00	38.19 -1.06 0.00	35.75 -0.85 0.00	34.95 -0.86 0.00	34.45 -0.91 0.00	39.53 -0.92 0.00	37.86 -0.97 0.00	35.58 -0.77 0.00	33.76 -0.83 0.00	33.97 -0.83 0.00	40.98 -1.19 0.00	35.66 -1.08 0.00	36.94 -1.09 0.00	42.08 -1.04 0.00	51.10 -0.97 0.00	45.57 -0.98 0.00	34.99 -0.91 0.00	30.82 -0.74 0.00
STA_67____115KV_BK2 355882	30.56 -0.84 0.00	29.07 -0.84 0.00	29.19 -0.85 0.00	28.88 -0.87 0.00	25.63 -0.76 0.00	29.81 -0.78 0.00	33.74 -0.81 0.00	38.37 -0.88 0.00	35.94 -0.67 0.00	35.11 -0.70 0.00	34.61 -0.74 0.00	39.71 -0.74 0.00	38.04 -0.79 0.00	35.75 -0.59 0.00	33.90 -0.69 0.00	34.12 -0.69 0.00	41.15 -1.03 0.00	35.82 -0.92 0.00	37.09 -0.93 0.00	42.29 -0.84 0.00	51.36 -0.71 0.00	45.81 -0.74 0.00	35.16 -0.73 0.00	30.97 -0.59 0.00
STA_7____115KV_9TRANS 80674	30.71 -0.70 0.00	29.21 -0.71 0.00	29.33 -0.71 0.00	29.00 -0.76 0.00	25.75 -0.65 0.00	29.95 -0.64 0.00	33.92 -0.62 0.00	38.59 -0.66 0.00	36.15 -0.46 0.00	35.32 -0.49 0.00	34.83 -0.53 0.00	39.96 -0.48 0.00	38.28 -0.56 0.00	35.99 -0.36 0.00	34.12 -0.47 0.00	34.34 -0.47 0.00	41.42 -0.76 0.00	36.06 -0.68 0.00	37.35 -0.68 0.00	42.57 -0.56 0.00	51.71 -0.36 0.00	46.10 -0.45 0.00	35.36 -0.53 0.00	31.13 -0.43 0.00
STA_82____115KV_TB1 80780	30.50 -0.90 0.00	29.02 -0.90 0.00	29.15 -0.89 0.00	28.83 -0.92 0.00	25.59 -0.81 0.00	29.75 -0.84 0.00	33.68 -0.87 0.00	38.29 -0.96 0.00	35.85 -0.75 0.00	35.04 -0.77 0.00	34.53 -0.83 0.00	39.62 -0.83 0.00	37.94 -0.89 0.00	35.67 -0.68 0.00	33.83 -0.76 0.00	34.05 -0.76 0.00	41.06 -1.12 0.00	35.74 -1.01 0.00	37.01 -1.02 0.00	42.18 -0.94 0.00	51.25 -0.81 0.00	45.71 -0.83 0.00	35.09 -0.80 0.00	30.91 -0.64 0.00
STEEL____WIND 323596	29.47 -1.83 0.11	28.16 -1.76 0.00	28.33 -1.71 0.00	27.98 -1.78 0.00	24.78 -1.62 0.00	28.88 -1.70 0.00	32.70 -1.85 0.00	37.16 -2.09 0.00	34.92 -1.69 0.00	34.08 -1.72 0.00	33.53 -1.83 0.00	38.59 -1.85 0.00	36.92 -1.91 0.00	34.94 -1.41 0.00	33.01 -1.58 0.00	33.15 -1.66 0.00	38.21 -2.38 1.59	31.67 -2.10 2.97	35.85 -2.17 0.00	41.10 -2.02 0.00	50.21 -1.86 0.00	44.86 -1.69 0.00	34.32 -1.57 0.00	30.29 -1.27 0.00
STEPHTWN_115KV_BK_2 55603	32.03 0.63 0.00	30.53 0.61 0.00	30.65 0.61 0.00	30.38 0.62 0.00	26.92 0.53 0.00	31.12 0.53 0.00	35.17 0.62 0.00	40.01 0.76 0.00	37.28 0.67 0.00	36.52 0.71 0.00	36.18 0.82 0.00	41.41 0.97 0.00	39.75 0.92 0.00	37.12 0.77 0.00	35.28 0.69 0.00	35.52 0.71 0.00	43.16 0.98 0.00	37.54 0.80 0.00	38.83 0.80 0.00	43.94 0.81 0.00	52.77 0.70 0.00	47.25 0.70 0.00	36.49 0.60 0.00	32.10 0.54 0.00
STEBEN_REC_LFGE 323667	30.42 -1.23 -0.24	28.93 -0.98 0.00	29.10 -0.95 0.00	28.73 -1.03 0.00	25.30 -1.10 0.00	29.53 -1.06 0.00	33.66 -0.89 0.00	38.58 -0.68 0.00	35.85 -0.76 0.00	35.20 -0.61 0.00	34.60 -0.76 0.00	39.89 -0.56 0.00	38.18 -0.65 0.00	36.08 -0.26 0.00	34.07 -0.52 0.00	33.94 -0.87 0.00	44.51 -1.21 -3.54	42.30 -1.04 -6.60	37.07 -0.96 0.00	42.29 -0.84 0.00	51.53 -0.54 0.00	45.78 -0.76 0.00	35.09 -0.81 0.00	31.08 -0.48 0.00
STILLWATER____SOLAR 323814	32.55 1.14 0.00	31.00 1.09 0.00	31.15 1.11 0.00	30.87 1.11 0.00	27.38 0.98 0.00	31.72 1.13 0.00	35.90 1.35 0.00	40.89 1.64 0.00	38.02 1.41 0.00	37.11 1.30 0.00	36.64 1.28 0.00	41.94 1.49 0.00	40.28 1.45 0.00	37.60 1.25 0.00	35.79 1.20 0.00	36.10 1.29 0.00	43.99 1.81 0.00	38.26 1.52 0.00	39.61 1.59 0.00	44.91 1.78 0.00	54.12 2.05 0.00	48.38 1.83 0.00	37.25 1.36 0.00	32.65 1.09 0.00

STONY___BROOK 24151	33.29 1.88 0.00	31.49 1.58 0.00	31.50 1.46 0.00	31.09 1.34 0.00	27.58 1.18 0.00	31.91 1.32 0.00	36.05 1.51 0.00	40.98 1.73 0.00	38.40 1.79 0.00	37.90 2.09 0.00	37.56 2.13 -0.08	46.44 2.75 -3.24	42.35 3.10 -0.42	44.30 2.78 -5.17	36.84 2.24 -0.01	36.49 1.68 0.00	44.29 2.11 0.00	39.02 2.28 0.00	40.21 2.09 -0.10	47.28 2.35 -1.81	55.06 2.99 0.00	49.17 2.53 -0.10	39.25 2.08 -1.28	46.04 1.72 -12.76
STURGEON_POOL_HYD 23609	32.60 1.20 0.00	30.97 1.06 0.00	31.06 1.01 0.00	30.69 0.93 0.00	27.23 0.83 0.00	31.56 0.97 0.00	35.68 1.13 0.00	40.64 1.39 0.00	37.92 1.32 0.00	37.14 1.33 0.00	36.81 1.45 0.00	42.12 1.67 0.00	40.62 1.78 0.00	37.88 1.53 0.00	35.97 1.38 0.00	36.24 1.43 0.00	43.97 1.80 0.00	38.40 1.66 0.00	39.61 1.58 0.00	44.74 1.61 0.00	54.07 2.00 0.00	48.16 1.61 0.00	37.08 1.19 0.00	32.60 1.04 0.00
ST_LAW_115_BK7_LBMP 345037	31.29 -0.12 0.00	29.80 -0.11 0.00	29.92 -0.12 0.00	29.67 -0.09 0.00	26.32 -0.08 0.00	30.52 -0.07 0.00	34.53 -0.01 0.00	39.35 0.10 0.00	36.70 0.10 0.00	35.87 0.06 0.00	35.28 -0.08 0.00	40.30 -0.15 0.00	38.71 -0.13 0.00	36.37 0.02 0.00	34.72 0.13 0.00	34.89 0.09 0.00	42.25 0.07 0.00	36.82 0.08 0.00	38.22 0.19 0.00	43.45 0.32 0.00	52.42 0.35 0.00	46.97 0.42 0.00	36.19 0.29 0.00	31.56 0.00 0.00
ST_LAW_115_BK8_LBMP 345038	31.29 -0.12 0.00	29.80 -0.11 0.00	29.92 -0.12 0.00	29.67 -0.09 0.00	26.32 -0.08 0.00	30.52 -0.07 0.00	34.53 -0.01 0.00	39.35 0.10 0.00	36.70 0.10 0.00	35.87 0.06 0.00	35.28 -0.08 0.00	40.30 -0.15 0.00	38.71 -0.13 0.00	36.37 0.02 0.00	34.72 0.13 0.00	34.89 0.09 0.00	42.25 0.07 0.00	36.82 0.08 0.00	38.22 0.19 0.00	43.45 0.32 0.00	52.42 0.35 0.00	46.97 0.42 0.00	36.19 0.29 0.00	31.56 0.00 0.00
ST_LAW_230_BK5_LBMP 345035	31.31 -0.09 0.00	29.82 -0.09 0.00	29.95 -0.09 0.00	29.69 -0.07 0.00	26.34 -0.06 0.00	30.53 -0.06 0.00	34.55 0.01 0.00	39.36 0.12 0.00	36.74 0.13 0.00	35.90 0.09 0.00	35.31 -0.05 0.00	40.34 -0.11 0.00	38.75 -0.09 0.00	36.40 0.06 0.00	34.72 0.13 0.00	34.91 0.10 0.00	42.26 0.08 0.00	36.82 0.08 0.00	38.22 0.19 0.00	43.44 0.31 0.00	52.42 0.35 0.00	46.97 0.42 0.00	36.17 0.28 0.00	31.59 0.03 0.00
ST_LAW_230_BK6_LBMP 345036	31.31 -0.09 0.00	29.82 -0.09 0.00	29.95 -0.09 0.00	29.69 -0.07 0.00	26.34 -0.06 0.00	30.53 -0.06 0.00	34.55 0.01 0.00	39.36 0.12 0.00	36.74 0.13 0.00	35.90 0.09 0.00	35.31 -0.05 0.00	40.34 -0.11 0.00	38.75 -0.09 0.00	36.40 0.06 0.00	34.72 0.13 0.00	34.91 0.10 0.00	42.26 0.08 0.00	36.82 0.08 0.00	38.22 0.19 0.00	43.44 0.31 0.00	52.42 0.35 0.00	46.97 0.42 0.00	36.17 0.28 0.00	31.59 0.03 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	32.50 1.10 0.00	30.88 0.97 0.00	30.99 0.94 0.00	30.65 0.89 0.00	27.22 0.82 0.00	31.56 0.97 0.00	35.69 1.14 0.00	40.62 1.37 0.00	37.89 1.28 0.00	37.14 1.33 0.00	36.82 1.46 0.00	42.19 1.74 0.00	40.66 1.83 0.00	37.95 1.60 0.00	35.95 1.37 0.00	36.25 1.44 0.00	44.01 1.83 0.00	38.40 1.66 0.00	39.58 1.55 0.00	44.69 1.57 0.00	54.03 1.96 0.00	48.11 1.56 0.00	37.03 1.14 0.00	32.54 0.98 0.00
SWANROAD_115KV_TB1 355699	28.66 -2.66 0.08	27.39 -2.52 0.00	27.56 -2.48 0.00	27.21 -2.55 0.00	24.13 -2.26 0.00	28.06 -2.53 0.00	31.71 -2.84 0.00	35.97 -3.28 0.00	33.79 -2.82 0.00	32.92 -2.88 0.00	32.43 -2.93 0.00	37.27 -3.18 0.00	35.67 -3.17 0.00	33.75 -2.59 0.00	31.90 -2.69 0.00	32.09 -2.71 0.00	37.21 -3.76 1.21	31.17 -3.31 2.25	34.56 -3.47 0.00	39.61 -3.51 0.00	48.38 -3.69 0.00	43.29 -3.25 0.00	33.26 -2.64 0.00	29.41 -2.15 0.00
SYNERGY___BIOGAS 323694	30.25 -1.10 0.05	28.83 -1.09 0.00	28.98 -1.06 0.00	28.63 -1.13 0.00	25.41 -0.98 0.00	29.61 -0.97 0.00	33.61 -0.94 0.00	38.25 -1.00 0.00	35.88 -0.73 0.00	34.96 -0.85 0.00	34.46 -0.89 0.00	39.57 -0.88 0.00	37.85 -0.99 0.00	35.71 -0.64 0.00	33.80 -0.79 0.00	34.02 -0.79 0.00	40.08 -1.32 0.78	34.18 -1.11 1.46	36.88 -1.14 0.00	42.20 -0.92 0.00	51.43 -0.64 0.00	45.89 -0.65 0.00	35.11 -0.78 0.00	30.92 -0.63 0.00
SYRACUSE___ENERGY_ST1 323597	31.20 -0.21 0.00	29.71 -0.21 0.00	29.84 -0.21 0.00	29.54 -0.22 0.00	26.21 -0.19 0.00	30.42 -0.17 0.00	34.37 -0.18 0.00	38.91 -0.33 0.00	36.28 -0.33 0.00	35.49 -0.31 0.00	35.08 -0.28 0.00	40.15 -0.30 0.00	38.46 -0.37 0.00	35.99 -0.36 0.00	34.22 -0.37 0.00	34.44 -0.37 0.00	41.70 -0.47 0.00	36.33 -0.41 0.00	37.61 -0.42 0.00	42.69 -0.44 0.00	51.59 -0.48 0.00	46.01 -0.53 0.00	35.46 -0.43 0.00	31.30 -0.26 0.00
SYRACUSE___ENERGY_ST2 323598	31.20 -0.21 0.00	29.71 -0.21 0.00	29.84 -0.21 0.00	29.54 -0.22 0.00	26.21 -0.19 0.00	30.42 -0.17 0.00	34.37 -0.18 0.00	38.91 -0.33 0.00	36.28 -0.33 0.00	35.49 -0.31 0.00	35.08 -0.28 0.00	40.15 -0.30 0.00	38.46 -0.37 0.00	35.99 -0.36 0.00	34.22 -0.37 0.00	34.44 -0.37 0.00	41.70 -0.47 0.00	36.33 -0.41 0.00	37.61 -0.42 0.00	42.69 -0.44 0.00	51.59 -0.48 0.00	46.01 -0.53 0.00	35.46 -0.43 0.00	31.30 -0.26 0.00
SYRACUSE___POWER 24017	31.21 -0.19 0.00	29.73 -0.18 0.00	29.85 -0.19 0.00	29.56 -0.20 0.00	26.22 -0.17 0.00	30.43 -0.16 0.00	34.37 -0.18 0.00	38.95 -0.30 0.00	36.35 -0.26 0.00	35.54 -0.27 0.00	35.13 -0.23 0.00	40.16 -0.29 0.00	38.46 -0.37 0.00	36.02 -0.33 0.00	34.23 -0.36 0.00	34.46 -0.35 0.00	41.73 -0.45 0.00	36.37 -0.37 0.00	37.63 -0.40 0.00	42.71 -0.42 0.00	51.65 -0.42 0.00	46.07 -0.48 0.00	35.50 -0.40 0.00	31.33 -0.23 0.00
TALLMAN__138KV_BK151 55660	32.61 1.20 0.00	30.98 1.07 0.00	31.09 1.05 0.00	30.75 0.99 0.00	27.32 0.92 0.00	31.67 1.08 0.00	35.82 1.28 0.00	40.79 1.54 0.00	38.04 1.43 0.00	37.34 1.53 0.00	37.06 1.70 0.00	42.47 2.03 0.00	40.95 2.12 0.00	38.19 1.84 0.00	36.17 1.58 0.00	36.46 1.64 0.00	44.24 2.07 0.00	38.60 1.86 0.00	39.75 1.73 0.00	44.86 1.74 0.00	54.24 2.17 0.00	48.29 1.75 0.00	37.14 1.25 0.00	32.63 1.07 0.00
TEALLAVE_115KV_TB7 355573	31.08 -0.33 0.00	29.61 -0.30 0.00	29.73 -0.31 0.00	29.44 -0.32 0.00	26.12 -0.28 0.00	30.30 -0.29 0.00	34.20 -0.34 0.00	38.76 -0.49 0.00	36.19 -0.42 0.00	35.39 -0.42 0.00	34.97 -0.39 0.00	39.99 -0.46 0.00	38.25 -0.59 0.00	35.82 -0.53 0.00	34.05 -0.54 0.00	34.27 -0.53 0.00	41.48 -0.70 0.00	36.14 -0.60 0.00	37.39 -0.64 0.00	42.43 -0.70 0.00	51.32 -0.75 0.00	45.78 -0.77 0.00	35.30 -0.60 0.00	31.16 -0.40 0.00
TELGRAPH_34_KV_EAST 80808	29.53 -1.81 0.07	28.19 -1.73 0.00	28.35 -1.69 0.00	27.99 -1.77 0.00	24.84 -1.56 0.00	28.92 -1.67 0.00	32.73 -1.81 0.00	37.19 -2.06 0.00	34.91 -1.70 0.00	34.00 -1.81 0.00	33.50 -1.85 0.00	38.52 -1.93 0.00	36.87 -1.96 0.00	34.84 -1.51 0.00	32.93 -1.66 0.00	33.14 -1.67 0.00	38.77 -2.42 0.99	32.78 -2.12 1.84	35.82 -2.21 0.00	41.01 -2.11 0.00	50.04 -2.03 0.00	44.71 -1.84 0.00	34.27 -1.63 0.00	30.24 -1.32 0.00

TEMPLE___115KV_TB 2 55572	31.08 -0.33 0.00	29.61 -0.30 0.00	29.73 -0.31 0.00	29.44 -0.32 0.00	26.12 -0.28 0.00	30.30 -0.29 0.00	34.20 -0.35 0.00	38.76 -0.49 0.00	36.19 -0.42 0.00	35.39 -0.42 0.00	34.97 -0.38 0.00	39.99 -0.46 0.00	38.28 -0.55 0.00	35.83 -0.51 0.00	34.07 -0.51 0.00	34.28 -0.53 0.00	41.50 -0.67 0.00	36.16 -0.58 0.00	37.40 -0.62 0.00	42.45 -0.67 0.00	51.34 -0.73 0.00	45.80 -0.75 0.00	35.31 -0.59 0.00	31.17 -0.38 0.00
TIANA___69_KV_BK 1 55817	33.27 1.86 0.00	31.47 1.55 0.00	31.47 1.43 0.00	31.07 1.31 0.00	27.58 1.18 0.00	31.94 1.35 0.00	36.14 1.60 0.00	41.11 1.86 0.00	38.64 2.03 0.00	38.20 2.39 0.00	37.57 2.13 -0.08	46.42 2.75 -3.23	42.55 3.30 -0.42	44.69 3.20 -5.15	37.35 2.75 -0.01	37.09 2.29 0.00	44.99 2.81 0.00	39.66 2.92 0.00	40.84 2.69 -0.13	48.68 3.17 -2.38	56.08 4.01 0.00	50.13 3.48 -0.10	39.95 2.79 -1.27	46.57 2.31 -12.70
TILDEN___115KV_TB1 80814	31.21 -0.19 0.00	29.73 -0.18 0.00	29.85 -0.19 0.00	29.56 -0.20 0.00	26.22 -0.17 0.00	30.43 -0.16 0.00	34.37 -0.18 0.00	38.95 -0.30 0.00	36.35 -0.26 0.00	35.54 -0.27 0.00	35.13 -0.23 0.00	40.16 -0.29 0.00	38.46 -0.37 0.00	36.02 -0.33 0.00	34.23 -0.36 0.00	34.46 -0.35 0.00	41.73 -0.45 0.00	36.37 -0.37 0.00	37.63 -0.40 0.00	42.71 -0.42 0.00	51.65 -0.42 0.00	46.07 -0.48 0.00	35.50 -0.40 0.00	31.33 -0.23 0.00
TRIGEN___CC 323695	33.07 1.66 0.00	31.36 1.45 0.00	31.40 1.36 0.00	31.01 1.25 0.00	27.54 1.14 0.00	31.93 1.34 0.00	36.12 1.57 0.00	41.14 1.89 0.00	38.44 1.83 0.00	37.79 1.98 0.00	37.56 2.07 -0.14	48.50 2.47 -5.58	42.17 2.62 -0.72	47.56 2.30 -8.91	36.52 1.92 -0.01	36.55 1.74 0.00	44.33 2.16 0.00	38.84 2.09 0.00	40.03 2.00 0.00	45.23 2.11 0.00	54.67 2.60 0.00	48.88 2.16 -0.18	39.79 1.69 -2.21	55.06 1.43 -22.07
TRINITY___115KV___ 4 BK 55933	31.82 0.41 0.00	30.32 0.40 0.00	30.45 0.40 0.00	30.17 0.40 0.00	26.73 0.33 0.00	30.88 0.29 0.00	34.86 0.31 0.00	39.65 0.40 0.00	36.94 0.34 0.00	36.19 0.38 0.00	35.86 0.51 0.00	41.04 0.59 0.00	39.46 0.63 0.00	36.83 0.48 0.00	35.03 0.44 0.00	35.28 0.47 0.00	42.81 0.64 0.00	37.21 0.47 0.00	38.46 0.43 0.00	43.49 0.37 0.00	52.28 0.21 0.00	46.83 0.28 0.00	36.21 0.32 0.00	31.86 0.30 0.00
UNION___PROCESSING_DRP 323587	30.51 -0.90 0.00	29.03 -0.89 0.00	29.15 -0.89 0.00	28.84 -0.91 0.00	25.59 -0.80 0.00	29.75 -0.84 0.00	33.68 -0.86 0.00	38.30 -0.95 0.00	35.86 -0.75 0.00	35.04 -0.76 0.00	34.54 -0.82 0.00	39.62 -0.83 0.00	37.95 -0.88 0.00	35.67 -0.68 0.00	33.83 -0.76 0.00	34.05 -0.76 0.00	41.07 -1.11 0.00	35.74 -1.01 0.00	37.02 -1.01 0.00	42.20 -0.92 0.00	51.26 -0.81 0.00	45.72 -0.82 0.00	35.09 -0.80 0.00	30.91 -0.64 0.00
UPPER HUDSON___HYD 24058	32.69 1.28 0.00	31.14 1.23 0.00	31.35 1.31 0.00	31.04 1.29 0.00	27.55 1.15 0.00	31.92 1.33 0.00	36.22 1.67 0.00	41.34 2.09 0.00	38.40 1.79 0.00	37.30 1.49 0.00	36.74 1.38 0.00	41.99 1.54 0.00	40.34 1.51 0.00	37.67 1.32 0.00	35.85 1.26 0.00	36.23 1.42 0.00	44.41 2.24 0.00	38.65 1.91 0.00	40.05 2.02 0.00	45.43 2.31 0.00	54.78 2.71 0.00	48.95 2.40 0.00	37.57 1.67 0.00	32.88 1.32 0.00
UPPER RAQUET___HYD 24056	30.97 -0.44 0.00	29.53 -0.38 0.00	29.71 -0.33 0.00	29.51 -0.25 0.00	26.19 -0.21 0.00	30.41 -0.18 0.00	34.51 -0.04 0.00	39.31 0.06 0.00	36.56 -0.05 0.00	35.66 -0.15 0.00	34.90 -0.45 0.00	39.43 -1.02 0.00	37.81 -1.03 0.00	35.54 -0.81 0.00	33.90 -0.69 0.00	33.87 -0.94 0.00	40.82 -1.35 0.00	35.82 -0.92 0.00	37.28 -0.75 0.00	42.68 -0.45 0.00	51.69 -0.38 0.00	46.29 -0.26 0.00	35.77 -0.12 0.00	31.31 -0.25 0.00
VALLEY44_115KV_TB2 355964	30.00 -1.32 0.09	28.62 -1.29 0.00	28.79 -1.25 0.00	28.48 -1.28 0.00	25.23 -1.17 0.00	29.35 -1.24 0.00	33.25 -1.29 0.00	37.71 -1.54 0.00	35.24 -1.36 0.00	34.43 -1.38 0.00	33.91 -1.44 0.00	39.13 -1.32 0.00	37.51 -1.33 0.00	35.40 -0.95 0.00	33.41 -1.18 0.00	33.60 -1.21 0.00	39.19 -1.72 1.27	32.88 -1.50 2.37	36.36 -1.67 0.00	41.55 -1.57 0.00	50.93 -1.14 0.00	45.32 -1.23 0.00	34.51 -1.38 0.00	30.42 -1.14 0.00
VALLEY___115KV_TB 1-4 80826	32.17 0.76 0.00	30.68 0.76 0.00	30.70 0.66 0.00	30.44 0.68 0.00	27.03 0.63 0.00	31.36 0.77 0.00	35.43 0.89 0.00	40.27 1.02 0.00	37.33 0.72 0.00	36.47 0.66 0.00	36.20 0.84 0.00	41.36 0.91 0.00	39.63 0.80 0.00	36.90 0.55 0.00	35.03 0.44 0.00	35.45 0.64 0.00	43.37 1.19 0.00	37.66 0.91 0.00	38.93 0.90 0.00	44.09 0.97 0.00	53.28 1.21 0.00	47.57 1.02 0.00	36.64 0.75 0.00	32.13 0.58 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	32.47 1.07 0.00	30.90 0.99 0.00	31.02 0.97 0.00	30.68 0.92 0.00	27.24 0.84 0.00	31.65 1.06 0.00	35.81 1.26 0.00	40.67 1.43 0.00	37.95 1.34 0.00	37.15 1.34 0.00	36.72 1.37 0.00	42.06 1.61 0.00	40.41 1.57 0.00	37.77 1.42 0.00	35.91 1.32 0.00	36.16 1.35 0.00	43.94 1.77 0.00	38.32 1.58 0.00	39.61 1.58 0.00	44.90 1.78 0.00	54.30 2.23 0.00	48.38 1.83 0.00	37.17 1.28 0.00	32.68 1.12 0.00
VISCHER___FERRY HYD 24020	32.20 0.80 0.00	30.68 0.76 0.00	30.81 0.77 0.00	30.55 0.79 0.00	27.05 0.65 0.00	31.29 0.70 0.00	35.36 0.82 0.00	40.28 1.04 0.00	37.51 0.90 0.00	36.72 0.91 0.00	36.32 0.97 0.00	41.53 1.08 0.00	39.92 1.09 0.00	37.27 0.92 0.00	35.49 0.90 0.00	35.76 0.95 0.00	43.40 1.23 0.00	37.69 0.95 0.00	39.01 0.99 0.00	44.19 1.07 0.00	53.19 1.12 0.00	47.61 1.07 0.00	36.76 0.86 0.00	32.23 0.67 0.00
V_A_10_SYNC_DSASP 323832	29.50 -1.85 0.06	28.14 -1.77 0.00	28.30 -1.74 0.00	27.97 -1.79 0.00	24.80 -1.60 0.00	28.82 -1.77 0.00	32.57 -1.97 0.00	36.97 -2.27 0.00	34.64 -1.96 0.00	33.80 -2.01 0.00	33.28 -2.08 0.00	38.25 -2.20 0.00	36.63 -2.20 0.00	34.57 -1.78 0.00	32.71 -1.88 0.00	32.90 -1.91 0.00	38.67 -2.65 0.85	32.76 -2.39 1.59	35.60 -2.42 0.00	40.74 -2.38 0.00	49.69 -2.38 0.00	44.39 -2.16 0.00	34.04 -1.86 0.00	30.04 -1.52 0.00
V_CMM_10_SYNC_DSASP 323787	31.51 0.10 0.00	30.01 0.10 0.00	30.14 0.09 0.00	29.88 0.12 0.00	26.50 0.11 0.00	30.73 0.14 0.00	34.79 0.24 0.00	39.64 0.39 0.00	37.00 0.39 0.00	36.14 0.33 0.00	35.50 0.15 0.00	40.56 0.12 0.00	38.97 0.13 0.00	36.62 0.27 0.00	34.96 0.37 0.00	35.12 0.31 0.00	42.54 0.36 0.00	37.08 0.34 0.00	38.50 0.47 0.00	43.78 0.66 0.00	52.71 0.64 0.00	47.34 0.79 0.00	36.44 0.54 0.00	31.81 0.25 0.00
V_CMP_10_SYNC_DSASP 323788	31.85 0.44 0.00	30.34 0.42 0.00	30.41 0.37 0.00	30.11 0.35 0.00	26.75 0.36 0.00	31.01 0.42 0.00	35.13 0.58 0.00	40.08 0.83 0.00	37.41 0.80 0.00	36.61 0.80 0.00	35.91 0.55 0.00	41.01 0.56 0.00	39.38 0.54 0.00	37.04 0.69 0.00	35.36 0.77 0.00	35.48 0.67 0.00	42.95 0.77 0.00	37.40 0.66 0.00	38.72 0.69 0.00	44.06 0.93 0.00	53.37 1.30 0.00	47.77 1.22 0.00	36.73 0.84 0.00	32.03 0.47 0.00

V_D_10_SYNC_DSASP 323841	31.53 0.12 0.00	30.04 0.13 0.00	30.17 0.13 0.00	29.91 0.15 0.00	26.54 0.14 0.00	30.77 0.18 0.00	34.85 0.30 0.00	39.70 0.45 0.00	37.03 0.42 0.00	36.17 0.36 0.00	35.52 0.17 0.00	40.54 0.09 0.00	38.94 0.10 0.00	36.59 0.24 0.00	34.93 0.34 0.00	35.09 0.28 0.00	42.47 0.29 0.00	37.05 0.31 0.00	38.48 0.45 0.00	43.75 0.63 0.00	52.78 0.71 0.00	47.27 0.72 0.00	36.44 0.55 0.00	31.81 0.26 0.00
V_E_10_SYNC_DSASP 323830	33.49 2.07 -0.02	31.84 1.92 0.00	31.89 1.85 0.00	31.56 1.80 0.00	28.05 1.66 0.00	32.79 2.20 0.00	37.31 2.77 0.00	42.34 3.10 0.00	39.33 2.72 0.00	38.24 2.44 0.00	37.68 2.32 0.00	43.25 2.80 0.00	41.12 2.29 0.00	38.41 2.06 0.00	36.29 1.70 0.00	36.90 2.09 0.00	45.10 2.71 -0.21	39.59 2.46 -0.39	40.77 2.74 0.00	46.31 3.18 0.00	56.41 4.34 0.00	50.07 3.53 0.00	38.19 2.29 0.00	33.36 1.80 0.00
V_F_30_NSYNC___DSASP 323816	32.57 1.16 0.00	31.01 1.10 0.00	31.17 1.12 0.00	30.89 1.13 0.00	27.39 0.99 0.00	31.73 1.14 0.00	35.92 1.37 0.00	40.92 1.67 0.00	38.03 1.42 0.00	37.13 1.32 0.00	36.67 1.32 0.00	41.97 1.52 0.00	40.31 1.48 0.00	37.62 1.27 0.00	35.80 1.21 0.00	36.13 1.32 0.00	44.03 1.85 0.00	38.29 1.55 0.00	39.64 1.61 0.00	44.93 1.81 0.00	54.17 2.10 0.00	48.41 1.86 0.00	37.27 1.37 0.00	32.68 1.12 0.00
V_F_30_SYNC_DSASP 323786	31.93 0.53 0.00	30.43 0.51 0.00	30.54 0.50 0.00	30.27 0.51 0.00	26.82 0.42 0.00	31.00 0.41 0.00	34.99 0.44 0.00	39.82 0.57 0.00	37.09 0.49 0.00	36.34 0.54 0.00	36.00 0.65 0.00	41.23 0.78 0.00	39.61 0.78 0.00	36.98 0.63 0.00	35.16 0.57 0.00	35.41 0.60 0.00	43.02 0.85 0.00	37.38 0.64 0.00	38.63 0.60 0.00	43.70 0.57 0.00	52.53 0.45 0.00	47.04 0.49 0.00	36.35 0.45 0.00	31.98 0.42 0.00
V_XM_10_SYNC_DSASP 323789	31.85 0.44 0.00	30.34 0.42 0.00	30.41 0.37 0.00	30.11 0.35 0.00	26.75 0.36 0.00	31.01 0.42 0.00	35.13 0.58 0.00	40.08 0.83 0.00	37.41 0.80 0.00	36.61 0.80 0.00	35.91 0.55 0.00	41.01 0.56 0.00	39.38 0.54 0.00	37.04 0.69 0.00	35.36 0.77 0.00	35.48 0.67 0.00	42.95 0.77 0.00	37.40 0.66 0.00	38.72 0.69 0.00	44.06 0.93 0.00	53.37 1.30 0.00	47.77 1.22 0.00	36.73 0.84 0.00	32.03 0.47 0.00
W.BABYLN_69_KV_BK1 56697	33.56 2.15 0.00	31.77 1.85 0.00	31.79 1.75 0.00	31.37 1.62 0.00	27.85 1.45 0.00	32.29 1.70 0.00	36.55 2.00 0.00	41.63 2.39 0.00	38.96 2.35 0.00	38.36 2.55 0.00	38.07 2.62 -0.09	47.26 3.21 -3.61	42.71 3.42 -0.46	45.17 3.07 -5.75	37.07 2.47 -0.01	36.87 2.07 0.00	44.79 2.61 0.00	39.32 2.57 0.00	40.57 2.51 -0.03	46.59 2.80 -0.66	55.58 3.51 0.00	49.60 2.94 -0.11	39.67 2.35 -1.42	47.74 1.98 -14.20
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	32.73 1.32 0.00	31.09 1.18 0.00	31.20 1.15 0.00	30.85 1.09 0.00	27.39 1.00 0.00	31.77 1.18 0.00	35.94 1.39 0.00	40.93 1.68 0.00	38.18 1.58 0.00	37.46 1.65 0.00	37.18 1.82 0.00	42.61 2.17 0.00	41.08 2.25 0.00	38.31 1.96 0.00	36.29 1.71 0.00	36.57 1.76 0.00	44.39 2.22 0.00	38.74 2.00 0.00	39.90 1.87 0.00	45.04 1.92 0.00	54.45 2.38 0.00	48.47 1.92 0.00	37.27 1.38 0.00	32.74 1.18 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	32.87 1.46 0.00	31.24 1.33 0.00	31.30 1.26 0.00	30.94 1.18 0.00	27.51 1.11 0.00	31.88 1.29 0.00	36.04 1.49 0.00	41.09 1.85 0.00	38.34 1.73 0.00	37.66 1.85 0.00	37.39 2.03 0.00	42.86 2.41 0.00	41.38 2.54 0.00	38.53 2.18 0.00	36.49 1.90 0.00	36.73 1.92 0.00	44.59 2.41 0.00	38.95 2.21 0.00	40.09 2.07 0.00	45.17 2.05 0.00	54.66 2.60 0.00	48.51 1.97 0.00	37.37 1.48 0.00	32.79 1.23 0.00
W50THST__13_KV_LOAD 356117	33.00 1.59 0.00	31.35 1.44 0.00	31.42 1.38 0.00	31.06 1.30 0.00	27.62 1.22 0.00	32.02 1.44 0.00	36.21 1.67 0.00	41.32 2.07 0.00	38.58 1.97 0.00	37.91 2.10 0.00	37.66 2.31 0.00	43.18 2.73 0.00	41.68 2.84 0.00	38.82 2.47 0.00	36.75 2.16 0.00	37.00 2.20 0.00	44.92 2.74 0.00	39.24 2.50 0.00	40.36 2.33 0.00	45.46 2.34 0.00	54.98 2.91 0.00	48.75 2.20 0.00	37.51 1.62 0.00	32.91 1.35 0.00
WADING RIVER_IC_1 23522	33.32 1.92 0.00	31.52 1.61 0.00	31.52 1.48 0.00	31.11 1.35 0.00	27.61 1.21 0.00	31.97 1.39 0.00	36.16 1.61 0.00	41.09 1.84 0.00	38.56 1.95 0.00	38.04 2.24 0.00	37.36 1.92 -0.08	46.27 2.59 -3.23	42.41 3.17 -0.42	44.41 2.92 -5.15	37.01 2.41 -0.01	36.70 1.90 0.00	44.49 2.31 0.00	39.24 2.49 0.00	40.44 2.28 -0.13	48.16 2.64 -2.40	55.44 3.37 0.00	49.58 2.93 -0.10	39.52 2.35 -1.27	46.23 1.97 -12.70
WADING RIVER_IC_2 23547	33.32 1.92 0.00	31.52 1.61 0.00	31.52 1.48 0.00	31.11 1.35 0.00	27.61 1.21 0.00	31.97 1.39 0.00	36.16 1.61 0.00	41.09 1.84 0.00	38.56 1.95 0.00	38.04 2.24 0.00	37.36 1.92 -0.08	46.27 2.59 -3.23	42.41 3.17 -0.42	44.41 2.92 -5.15	37.01 2.41 -0.01	36.70 1.90 0.00	44.49 2.31 0.00	39.24 2.49 0.00	40.44 2.28 -0.13	48.16 2.64 -2.40	55.44 3.37 0.00	49.58 2.93 -0.10	39.52 2.35 -1.27	46.23 1.97 -12.70
WADING RIVER_IC_3 23601	33.32 1.92 0.00	31.52 1.61 0.00	31.52 1.48 0.00	31.11 1.35 0.00	27.61 1.21 0.00	31.97 1.39 0.00	36.16 1.61 0.00	41.09 1.84 0.00	38.56 1.95 0.00	38.04 2.24 0.00	37.36 1.92 -0.08	46.27 2.59 -3.23	42.41 3.17 -0.42	44.41 2.92 -5.15	37.01 2.41 -0.01	36.70 1.90 0.00	44.49 2.31 0.00	39.24 2.49 0.00	40.44 2.28 -0.13	48.16 2.64 -2.40	55.44 3.37 0.00	49.58 2.93 -0.10	39.52 2.35 -1.27	46.23 1.97 -12.70
WALDENNY_12_KV_BK2 80841	29.48 -1.82 0.11	28.18 -1.74 0.00	28.35 -1.69 0.00	27.99 -1.77 0.00	24.80 -1.60 0.00	28.91 -1.68 0.00	32.71 -1.83 0.00	37.19 -2.06 0.00	34.93 -1.67 0.00	34.09 -1.72 0.00	33.56 -1.80 0.00	38.64 -1.81 0.00	36.96 -1.87 0.00	34.95 -1.39 0.00	33.03 -1.56 0.00	33.18 -1.63 0.00	38.30 -2.33 1.55	31.76 -2.09 2.89	35.86 -2.17 0.00	41.09 -2.03 0.00	50.20 -1.87 0.00	44.84 -1.71 0.00	34.32 -1.58 0.00	30.29 -1.27 0.00
WALDEN___HYDRO 24148	32.68 1.28 0.00	31.05 1.14 0.00	31.15 1.10 0.00	30.80 1.04 0.00	27.35 0.96 0.00	31.71 1.12 0.00	35.86 1.32 0.00	40.84 1.59 0.00	38.09 1.48 0.00	37.28 1.47 0.00	36.96 1.60 0.00	42.31 1.86 0.00	40.76 1.93 0.00	38.06 1.71 0.00	36.09 1.50 0.00	36.39 1.58 0.00	44.21 2.03 0.00	38.59 1.85 0.00	39.80 1.77 0.00	44.96 1.83 0.00	54.38 2.31 0.00	48.40 1.85 0.00	37.25 1.36 0.00	32.72 1.16 0.00
WARRENSBURG____ 23737	32.69 1.29 0.00	31.14 1.23 0.00	31.36 1.31 0.00	31.04 1.29 0.00	27.55 1.15 0.00	31.92 1.33 0.00	36.22 1.67 0.00	41.34 2.09 0.00	38.40 1.79 0.00	37.30 1.49 0.00	36.73 1.38 0.00	41.99 1.54 0.00	40.34 1.50 0.00	37.67 1.32 0.00	35.85 1.26 0.00	36.24 1.43 0.00	44.42 2.24 0.00	38.66 1.91 0.00	40.05 2.03 0.00	45.44 2.31 0.00	54.77 2.71 0.00	48.95 2.41 0.00	37.57 1.67 0.00	32.88 1.32 0.00

WATERSIDE___6 8 9 23538	32.80 1.39 0.00	31.19 1.27 0.00	31.25 1.21 0.00	30.90 1.14 0.00	27.48 1.09 0.00	31.83 1.24 0.00	35.94 1.40 0.00	41.00 1.75 0.00	38.31 1.70 0.00	37.61 1.81 0.00	37.34 1.99 0.00	42.81 2.36 0.00	41.31 2.48 0.00	38.50 2.15 0.00	36.43 1.84 0.00	36.66 1.85 0.00	44.50 2.32 0.00	38.90 2.16 0.00	40.02 2.00 0.00	45.10 1.98 0.00	54.49 2.42 0.00	48.48 1.94 0.00	37.38 1.48 0.00	32.82 1.26 0.00
WATKINRD_115KV_LN8_ILLION 55919	32.56 1.16 0.00	31.05 1.13 0.00	31.04 1.00 0.00	30.79 1.03 0.00	27.33 0.93 0.00	31.69 1.10 0.00	35.81 1.27 0.00	40.71 1.46 0.00	37.58 0.97 0.00	36.71 0.89 0.00	36.53 1.18 0.00	41.76 1.31 0.00	39.91 1.08 0.00	37.06 0.71 0.00	35.14 0.55 0.00	35.72 0.91 0.00	43.96 1.78 0.00	38.14 1.40 0.00	39.44 1.41 0.00	44.61 1.49 0.00	53.91 1.84 0.00	48.18 1.63 0.00	37.05 1.16 0.00	32.44 0.88 0.00
WDELAWARE___HYD 323627	32.94 1.54 0.00	31.28 1.37 0.00	31.37 1.33 0.00	31.02 1.26 0.00	27.56 1.16 0.00	31.99 1.40 0.00	36.21 1.66 0.00	41.21 1.96 0.00	38.39 1.78 0.00	37.49 1.68 0.00	37.06 1.70 0.00	42.50 2.05 0.00	40.83 2.00 0.00	38.19 1.84 0.00	36.29 1.70 0.00	36.65 1.84 0.00	44.51 2.33 0.00	38.77 2.02 0.00	40.03 2.00 0.00	45.27 2.14 0.00	54.77 2.70 0.00	48.74 2.20 0.00	37.47 1.57 0.00	32.91 1.35 0.00
WEST BABYLON___IC 23714	33.56 2.15 0.00	31.77 1.85 0.00	31.79 1.75 0.00	31.37 1.62 0.00	27.85 1.45 0.00	32.29 1.70 0.00	36.55 2.00 0.00	41.63 2.39 0.00	38.96 2.35 0.00	38.36 2.55 0.00	38.07 2.62 -0.09	47.26 3.21 -3.61	42.71 3.42 -0.46	45.17 3.07 -5.75	37.07 2.47 -0.01	36.87 2.07 0.00	44.79 2.61 0.00	39.32 2.57 0.00	40.57 2.51 -0.03	46.59 2.80 -0.66	55.58 3.51 0.00	49.60 2.94 -0.11	39.67 2.35 -1.42	47.74 1.98 -14.20
WEST CANADA___HYD 24049	31.44 0.04 0.00	29.94 0.03 0.00	30.08 0.03 0.00	29.79 0.03 0.00	26.42 0.03 0.00	30.62 0.03 0.00	34.58 0.03 0.00	39.29 0.04 0.00	36.62 0.01 0.00	35.83 0.02 0.00	35.39 0.04 0.00	40.50 0.06 0.00	38.89 0.06 0.00	36.37 0.02 0.00	34.59 0.00 0.00	34.84 0.03 0.00	42.26 0.08 0.00	36.81 0.06 0.00	38.07 0.04 0.00	43.13 0.00 0.00	52.07 0.00 0.00	46.54 0.00 0.00	35.89 -0.01 0.00	31.56 0.01 0.00
WESTERN_NY_WIND 24143	30.19 -1.16 0.06	28.78 -1.13 0.00	28.93 -1.11 0.00	28.58 -1.17 0.00	25.36 -1.03 0.00	29.57 -1.03 0.00	33.55 -1.00 0.00	38.18 -1.07 0.00	35.82 -0.79 0.00	34.89 -0.92 0.00	34.39 -0.96 0.00	39.50 -0.95 0.00	37.77 -1.06 0.00	35.64 -0.71 0.00	33.73 -0.86 0.00	33.96 -0.85 0.00	39.93 -1.40 0.85	33.98 -1.18 1.58	36.81 -1.22 0.00	42.11 -1.01 0.00	51.33 -0.74 0.00	45.80 -0.75 0.00	35.04 -0.85 0.00	30.87 -0.68 0.00
WESTOVER___LESR 323668	31.36 -0.05 0.00	29.89 -0.02 0.00	30.01 -0.04 0.00	29.67 -0.09 0.00	26.33 -0.07 0.00	30.58 -0.01 0.00	34.59 0.05 0.00	39.21 -0.04 0.00	36.57 -0.04 0.00	35.75 -0.06 0.00	35.34 -0.02 0.00	40.55 0.10 0.00	38.85 0.01 0.00	36.43 0.08 0.00	34.56 -0.03 0.00	34.78 -0.03 0.00	42.16 -0.02 0.00	36.74 0.00 0.00	37.96 -0.07 0.00	43.09 -0.03 0.00	52.29 0.22 0.00	46.58 0.04 0.00	35.74 -0.16 0.00	31.49 -0.06 0.00
WETHRSFD_WT_PWR 323626	29.08 -2.03 0.30	28.06 -1.86 0.00	28.30 -1.74 0.00	27.96 -1.80 0.00	24.75 -1.65 0.00	28.88 -1.71 0.00	32.73 -1.81 0.00	37.21 -2.04 0.00	34.74 -1.87 0.00	33.94 -1.87 0.00	33.52 -1.84 0.00	38.63 -1.82 0.00	36.91 -1.92 0.00	34.88 -1.47 0.00	32.97 -1.62 0.00	33.04 -1.77 0.00	35.43 -2.42 4.33	26.60 -2.07 8.07	35.94 -2.09 0.00	41.17 -1.96 0.00	50.26 -1.81 0.00	44.80 -1.75 0.00	34.33 -1.57 0.00	30.35 -1.20 0.00
WHAVSTOR_138KV_BK127 55557	32.60 1.19 0.00	30.97 1.06 0.00	31.07 1.03 0.00	30.73 0.97 0.00	27.29 0.89 0.00	31.64 1.05 0.00	35.78 1.24 0.00	40.74 1.50 0.00	38.00 1.39 0.00	37.29 1.48 0.00	37.01 1.65 0.00	42.41 1.96 0.00	40.88 2.05 0.00	38.13 1.78 0.00	36.11 1.52 0.00	36.38 1.57 0.00	44.17 1.99 0.00	38.53 1.79 0.00	39.69 1.67 0.00	44.81 1.68 0.00	54.16 2.09 0.00	48.21 1.67 0.00	37.11 1.21 0.00	32.60 1.05 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	32.60 1.19 0.00	30.97 1.06 0.00	31.07 1.03 0.00	30.73 0.97 0.00	27.29 0.89 0.00	31.64 1.05 0.00	35.78 1.24 0.00	40.74 1.50 0.00	38.00 1.39 0.00	37.29 1.48 0.00	37.01 1.65 0.00	42.41 1.96 0.00	40.88 2.05 0.00	38.13 1.78 0.00	36.11 1.52 0.00	36.38 1.57 0.00	44.17 1.99 0.00	38.53 1.79 0.00	39.69 1.67 0.00	44.81 1.68 0.00	54.16 2.09 0.00	48.21 1.67 0.00	37.11 1.21 0.00	32.60 1.05 0.00
WHITEHAL_115KV_TB1 80871	33.23 1.83 0.00	31.68 1.77 0.00	31.87 1.83 0.00	31.43 1.68 0.00	28.01 1.61 0.00	32.75 2.16 0.00	37.18 2.63 0.00	42.59 3.34 0.00	39.59 2.98 0.00	38.44 2.63 0.00	37.46 2.10 0.00	42.62 2.17 0.00	41.01 2.18 0.00	38.37 2.02 0.00	36.67 2.08 0.00	37.14 2.33 0.00	45.28 3.10 0.00	39.42 2.67 0.00	40.68 2.66 0.00	46.21 3.09 0.00	55.58 3.51 0.00	49.88 3.34 0.00	38.13 2.24 0.00	33.18 1.62 0.00
WHITEPLN_13_KV_LOAD 356215	33.01 1.61 0.00	31.35 1.43 0.00	31.41 1.36 0.00	31.02 1.26 0.00	27.56 1.16 0.00	31.95 1.36 0.00	36.15 1.60 0.00	41.22 1.97 0.00	38.48 1.87 0.00	37.77 1.96 0.00	37.48 2.13 0.00	42.95 2.51 0.00	41.41 2.58 0.00	38.60 2.25 0.00	36.55 1.96 0.00	36.79 1.99 0.00	44.69 2.51 0.00	39.02 2.28 0.00	40.23 2.21 0.00	45.39 2.27 0.00	54.84 2.78 0.00	48.79 2.25 0.00	37.54 1.65 0.00	32.98 1.42 0.00
WM_FLOYD_69_KV_BK2 356380	33.37 1.97 0.00	31.57 1.66 0.00	31.57 1.53 0.00	31.16 1.40 0.00	27.66 1.26 0.00	32.03 1.44 0.00	36.19 1.65 0.00	41.14 1.89 0.00	38.58 1.98 0.00	38.07 2.26 0.00	37.57 2.13 -0.08	46.46 2.78 -3.23	42.46 3.21 -0.42	44.43 2.92 -5.16	37.01 2.41 -0.01	36.67 1.86 0.00	44.44 2.26 0.00	39.18 2.43 0.00	40.39 2.24 -0.12	47.99 2.57 -2.30	55.36 3.28 0.00	49.51 2.87 -0.10	39.49 2.33 -1.27	46.22 1.93 -12.73
WOODARD___115KV_TB2 355635	31.05 -0.36 0.00	29.58 -0.33 0.00	29.70 -0.34 0.00	29.41 -0.34 0.00	26.10 -0.30 0.00	30.27 -0.32 0.00	34.17 -0.38 0.00	38.72 -0.53 0.00	36.13 -0.48 0.00	35.35 -0.46 0.00	34.91 -0.44 0.00	39.93 -0.52 0.00	38.19 -0.64 0.00	35.74 -0.60 0.00	33.98 -0.61 0.00	34.21 -0.60 0.00	41.40 -0.78 0.00	36.07 -0.67 0.00	37.33 -0.70 0.00	42.37 -0.76 0.00	51.21 -0.86 0.00	45.70 -0.85 0.00	35.24 -0.65 0.00	31.11 -0.45 0.00
YORK___WARBASSE 23770	32.88 1.48 0.00	31.26 1.35 0.00	31.34 1.30 0.00	30.98 1.22 0.00	27.56 1.16 0.00	31.93 1.34 0.00	36.10 1.56 0.00	41.17 1.92 0.00	38.46 1.86 0.00	37.78 1.97 0.00	37.50 2.14 0.00	43.01 2.56 0.00	41.50 2.67 0.00	38.72 2.37 0.00	36.65 2.06 0.00	36.84 2.03 0.00	44.75 2.57 0.00	39.12 2.38 0.00	40.29 2.26 -0.01	45.41 2.28 -0.01	54.86 2.79 -0.01	48.83 2.27 -0.01	37.63 1.73 0.00	33.02 1.46 0.00