

# Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

10/11/2025

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	36.31	30.97	29.77	28.67	29.90	32.08	39.63	43.32	39.23	34.06	32.43	34.17	34.40	34.54	35.40	38.83	43.79	51.35	61.99	57.08	45.96	40.56	38.41	34.65
24138	1.86	1.59	1.47	1.42	1.40	1.32	1.96	2.14	2.19	1.93	1.95	2.03	2.13	2.11	2.19	2.20	2.32	2.26	2.50	2.20	1.85	1.93	1.86	1.59
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	36.38	31.00	29.80	28.70	29.93	32.11	39.67	43.37	39.27	34.09	32.46	34.23	34.43	34.60	35.46	38.90	43.83	51.35	61.99	57.08	46.00	40.60	38.49	34.68
24260	1.93	1.62	1.50	1.44	1.43	1.35	2.00	2.18	2.22	1.96	1.98	2.09	2.16	2.17	2.26	2.27	2.36	2.26	2.50	2.20	1.90	1.97	1.94	1.62
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	36.38	31.00	29.80	28.70	29.93	32.11	39.67	43.37	39.27	34.09	32.46	34.23	34.43	34.60	35.46	38.90	43.83	51.35	61.99	57.08	46.00	40.60	38.49	34.68
24261	1.93	1.62	1.50	1.44	1.43	1.35	2.00	2.18	2.22	1.96	1.98	2.09	2.16	2.17	2.26	2.27	2.36	2.26	2.50	2.20	1.90	1.97	1.94	1.62
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	35.72	30.50	29.35	28.21	29.51	31.84	39.10	42.83	38.20	32.97	30.93	32.56	32.72	32.89	33.87	37.37	42.71	50.71	61.76	56.70	45.60	39.90	37.72	34.12
24011	1.27	1.12	1.05	0.95	1.00	1.08	1.43	1.65	1.15	0.84	0.46	0.42	0.45	0.45	0.66	0.73	1.24	1.62	2.26	1.81	1.50	1.27	1.17	1.06
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	35.79	30.56	29.40	28.26	29.56	31.90	39.18	42.91	38.23	33.00	30.93	32.56	32.72	32.85	33.87	37.40	42.75	50.81	61.94	56.86	45.74	39.98	37.75	34.22
23798	1.34	1.18	1.10	1.01	1.06	1.14	1.51	1.73	1.19	0.87	0.46	0.42	0.45	0.42	0.66	0.77	1.29	1.72	2.44	1.97	1.63	1.35	1.20	1.16
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	35.72	30.50	29.35	28.21	29.51	31.84	39.10	42.83	38.20	32.97	30.93	32.56	32.72	32.89	33.87	37.37	42.71	50.71	61.76	56.70	45.60	39.90	37.72	34.12
24028	1.27	1.12	1.05	0.95	1.00	1.08	1.43	1.65	1.15	0.84	0.46	0.42	0.45	0.45	0.66	0.73	1.24	1.62	2.26	1.81	1.50	1.27	1.17	1.06
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	35.89	30.61	29.46	28.32	29.56	31.93	39.44	43.32	38.79	33.67	31.73	33.36	33.56	33.69	34.57	38.06	43.41	51.40	62.17	57.24	46.04	40.37	38.08	34.38
23527	1.45	1.23	1.16	1.06	1.06	1.17	1.77	2.14	1.74	1.54	1.25	1.22	1.29	1.26	1.36	1.43	1.95	2.31	2.68	2.36	1.94	1.74	1.53	1.32
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	34.66	29.64	28.53	27.44	28.65	30.91	38.08	41.68	37.42	32.42	30.63	32.24	32.37	32.53	33.44	36.82	41.80	49.33	59.67	54.94	44.24	38.82	36.66	33.09
24190	0.21	0.26	0.23	0.19	0.14	0.15	0.41	0.49	0.37	0.29	0.15	0.10	0.10	0.10	0.23	0.18	0.33	0.25	0.18	0.05	0.13	0.19	0.11	0.03
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	34.52	29.47	28.36	27.28	28.54	30.88	37.97	41.47	37.34	32.45	30.75	32.56	32.66	32.82	33.54	36.96	41.92	49.78	60.45	55.82	44.77	39.09	36.95	33.39
355683	0.07	0.09	0.06	0.03	0.03	0.12	0.30	0.29	0.30	0.32	0.27	0.42	0.39	0.39	0.33	0.33	0.46	0.69	0.95	0.93	0.66	0.46	0.40	0.33
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	35.38	30.20	29.09	27.99	29.25	31.53	38.76	42.38	37.83	32.64	30.78	32.40	32.56	32.72	33.71	37.18	42.12	49.87	60.51	55.76	44.85	39.33	37.17	33.62
323833	0.93	0.82	0.79	0.74	0.74	0.77	1.09	1.20	0.78	0.51	0.30	0.26	0.29	0.29	0.50	0.55	0.66	0.78	1.01	0.88	0.75	0.70	0.62	0.56
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	35.38	30.20	29.09	27.99	29.25	31.53	38.76	42.38	37.83	32.64	30.78	32.40	32.56	32.72	33.71	37.18	42.12	49.87	60.44	55.71	44.85	39.33	37.17	33.62
323834	0.93	0.82	0.79	0.74	0.74	0.77	1.09	1.20	0.78	0.51	0.30	0.26	0.29	0.29	0.50	0.55	0.66	0.78	0.95	0.82	0.75	0.70	0.62	0.56
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	34.66	29.64	28.53	27.44	28.65	30.91	38.08	41.68	37.42	32.42	30.63	32.24	32.37	32.53	33.44	36.82	41.80	49.33	59.67	54.94	44.24	38.82	36.66	33.09
23571	0.21	0.26	0.23	0.19	0.14	0.15	0.41	0.49	0.37	0.29	0.15	0.10	0.10	0.10	0.23	0.18	0.33	0.25	0.18	0.05	0.13	0.19	0.11	0.03
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	34.66 0.21 0.00	29.64 0.26 0.00	28.53 0.23 0.00	27.44 0.19 0.00	28.65 0.14 0.00	30.91 0.15 0.00	38.08 0.41 0.00	41.68 0.49 0.00	37.42 0.37 0.00	32.42 0.29 0.00	30.63 0.15 0.00	32.24 0.10 0.00	32.37 0.10 0.00	32.53 0.10 0.00	33.44 0.23 0.00	36.82 0.18 0.00	41.80 0.33 0.00	49.33 0.25 0.00	59.67 0.18 0.00	54.94 0.05 0.00	44.24 0.13 0.00	38.82 0.19 0.00	36.66 0.11 0.00	33.09 0.03 0.00
ALBANY___3 23573	34.66 0.21 0.00	29.64 0.26 0.00	28.53 0.23 0.00	27.44 0.19 0.00	28.65 0.14 0.00	30.91 0.15 0.00	38.08 0.41 0.00	41.68 0.49 0.00	37.42 0.37 0.00	32.42 0.29 0.00	30.63 0.15 0.00	32.24 0.10 0.00	32.37 0.10 0.00	32.53 0.10 0.00	33.44 0.23 0.00	36.82 0.18 0.00	41.80 0.33 0.00	49.33 0.25 0.00	59.67 0.18 0.00	54.94 0.05 0.00	44.24 0.13 0.00	38.82 0.19 0.00	36.66 0.11 0.00	33.09 0.03 0.00
ALBANY___4 23574	34.66 0.21 0.00	29.64 0.26 0.00	28.53 0.23 0.00	27.44 0.19 0.00	28.65 0.14 0.00	30.91 0.15 0.00	38.08 0.41 0.00	41.68 0.49 0.00	37.42 0.37 0.00	32.42 0.29 0.00	30.63 0.15 0.00	32.24 0.10 0.00	32.37 0.10 0.00	32.53 0.10 0.00	33.44 0.23 0.00	36.82 0.18 0.00	41.80 0.33 0.00	49.33 0.25 0.00	59.67 0.18 0.00	54.94 0.05 0.00	44.24 0.13 0.00	38.82 0.19 0.00	36.66 0.11 0.00	33.09 0.03 0.00
ALBANY___LFGE 323615	35.00 0.55 0.00	29.91 0.53 0.00	28.78 0.48 0.00	27.66 0.41 0.00	28.91 0.40 0.00	31.16 0.40 0.00	38.38 0.71 0.00	42.05 0.87 0.00	37.72 0.67 0.00	32.64 0.51 0.00	30.87 0.40 0.00	32.46 0.32 0.00	32.62 0.36 0.00	32.76 0.32 0.00	33.71 0.50 0.00	37.11 0.47 0.00	42.04 0.58 0.00	49.63 0.54 0.00	60.03 0.53 0.00	55.32 0.44 0.00	44.54 0.44 0.00	39.06 0.43 0.00	36.88 0.33 0.00	33.36 0.30 0.00
ALCOA_PA_115KV_PL-6C 55860	34.76 0.31 0.00	29.67 0.29 0.00	28.58 0.28 0.00	27.50 0.25 0.00	28.76 0.26 0.00	31.10 0.34 0.00	38.27 0.60 0.00	41.80 0.62 0.00	37.60 0.56 0.00	32.68 0.55 0.00	30.96 0.49 0.00	32.79 0.64 0.00	32.88 0.61 0.00	33.05 0.62 0.00	33.74 0.53 0.00	37.22 0.59 0.00	42.21 0.75 0.00	50.17 1.08 0.00	60.98 1.49 0.00	56.37 1.48 0.00	45.12 1.01 0.00	39.40 0.77 0.00	37.24 0.69 0.00	33.66 0.60 0.00
ALCOA_RYNLDS___DRP 24188	34.76 0.31 0.00	29.67 0.29 0.00	28.58 0.28 0.00	27.50 0.25 0.00	28.76 0.26 0.00	31.10 0.34 0.00	38.27 0.60 0.00	41.80 0.62 0.00	37.60 0.56 0.00	32.68 0.55 0.00	30.96 0.49 0.00	32.79 0.64 0.00	32.88 0.61 0.00	33.05 0.62 0.00	33.74 0.53 0.00	37.22 0.59 0.00	42.21 0.75 0.00	50.17 1.08 0.00	60.98 1.49 0.00	56.37 1.48 0.00	45.12 1.01 0.00	39.40 0.77 0.00	37.24 0.69 0.00	33.66 0.60 0.00
ALCOA___DSASP 323711	34.76 0.31 0.00	29.67 0.29 0.00	28.58 0.28 0.00	27.50 0.24 0.00	28.76 0.26 0.00	31.10 0.34 0.00	38.27 0.60 0.00	41.80 0.62 0.00	37.60 0.56 0.00	32.68 0.55 0.00	30.96 0.49 0.00	32.79 0.64 0.00	32.88 0.61 0.00	33.05 0.61 0.00	33.74 0.53 0.00	37.22 0.58 0.00	42.21 0.75 0.00	50.17 1.08 0.00	60.98 1.49 0.00	56.37 1.48 0.00	45.12 1.02 0.00	39.40 0.77 0.00	37.24 0.69 0.00	33.66 0.60 0.00
ALLEGHENY___COGEN 23514	34.62 0.17 0.00	29.47 0.09 0.00	28.64 0.34 0.00	27.69 0.43 0.00	29.13 0.63 0.00	31.50 0.74 0.00	37.74 0.08 0.00	41.27 0.08 0.00	37.01 -0.04 0.00	31.84 -0.29 0.00	30.26 -0.21 0.00	31.76 -0.38 0.00	31.79 -0.48 0.00	31.95 -0.49 0.00	32.54 -0.66 0.00	36.38 -0.25 0.00	40.88 -0.58 0.00	49.53 0.44 0.00	60.86 1.37 0.00	56.20 1.32 0.00	44.77 0.66 0.00	38.98 0.35 0.00	37.32 0.77 0.00	34.02 0.96 0.00
ALTAMONT_115KV_TB 2 55880	35.00 0.55 0.00	29.88 0.50 0.00	28.75 0.45 0.00	27.69 0.44 0.00	28.91 0.40 0.00	31.16 0.40 0.00	38.35 0.68 0.00	41.96 0.78 0.00	37.71 0.67 0.00	32.68 0.55 0.00	30.96 0.49 0.00	32.59 0.45 0.00	32.75 0.48 0.00	32.92 0.49 0.00	33.77 0.56 0.00	37.18 0.55 0.00	42.13 0.66 0.00	49.78 0.69 0.00	60.21 0.71 0.00	55.49 0.60 0.00	44.68 0.57 0.00	39.21 0.58 0.00	37.06 0.51 0.00	33.46 0.40 0.00
ALTONA_WT_PWR 323606	34.17 -0.28 0.00	29.12 -0.26 0.00	28.02 -0.28 0.00	26.98 -0.27 0.00	28.28 -0.23 0.00	30.79 0.03 0.00	38.20 0.53 0.00	41.96 0.78 0.00	38.05 1.00 0.00	33.26 1.12 0.00	31.51 1.04 0.00	33.40 1.25 0.00	33.46 1.19 0.00	33.60 1.17 0.00	34.24 1.03 0.00	37.73 1.10 0.00	42.79 1.33 0.00	50.81 1.72 0.00	61.70 2.20 0.00	56.92 2.03 0.00	45.47 1.37 0.00	39.63 1.00 0.00	37.39 0.84 0.00	33.72 0.66 0.00
AMERICAN_REF_FUEL 24010	32.97 -1.48 0.00	28.09 -1.29 0.00	27.31 -0.99 0.00	26.63 -0.63 0.00	28.00 -0.51 0.00	30.08 -0.68 0.00	34.96 -2.71 0.00	37.72 -3.46 0.00	34.42 -2.63 0.00	30.14 -1.99 0.00	29.22 -1.25 0.00	30.67 -1.48 0.00	30.56 -1.71 0.00	30.68 -1.75 0.00	31.01 -2.19 0.00	34.33 -2.31 0.00	37.69 -3.77 0.00	45.16 -3.93 0.00	54.68 -4.82 0.00	50.28 -4.61 0.00	40.13 -3.97 0.00	35.35 -3.28 0.00	34.43 -2.12 0.00	32.20 -0.86 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	32.28 -2.17 0.00	27.50 -1.88 0.00	26.74 -1.56 0.00	26.08 -1.17 0.00	27.51 -1.00 0.00	29.71 -1.05 0.00	35.26 -2.41 0.00	38.55 -2.64 0.00	35.08 -1.96 0.00	30.75 -1.38 0.00	29.83 -0.64 0.00	31.47 -0.68 0.00	31.40 -0.87 0.00	31.56 -0.87 0.00	31.88 -1.33 0.00	35.50 -1.14 0.00	39.22 -2.24 0.00	47.27 -1.82 0.00	57.41 -2.08 0.00	52.74 -2.14 0.00	41.94 -2.16 0.00	36.74 -1.89 0.00	35.64 -0.91 0.00	32.70 -0.36 0.00
ARTHUR KILL_GT_1 23520	36.52 2.07 -0.01	31.11 1.73 0.00	29.88 1.58 0.00	28.75 1.50 0.00	29.99 1.48 0.00	32.02 1.26 0.00	39.51 1.85 0.00	42.58 1.40 0.00	38.94 1.89 0.00	33.80 1.67 0.00	32.15 1.68 0.00	33.94 1.80 0.00	34.17 1.90 0.00	34.34 1.91 0.00	35.27 2.06 0.00	38.68 2.05 0.00	43.19 1.74 0.02	50.41 1.33 0.01	60.91 1.43 0.01	56.09 1.21 0.01	45.29 1.19 0.01	40.14 1.51 0.00	38.49 1.94 0.00	34.71 1.65 0.00
ARTHUR_KILL_2 23512	36.42 1.96 -0.01	31.02 1.64 0.00	29.80 1.50 0.00	28.67 1.42 0.00	29.90 1.40 0.00	31.93 1.17 0.00	39.25 1.58 0.00	42.50 1.32 0.00	38.86 1.81 0.00	33.71 1.57 0.00	32.09 1.61 0.00	33.88 1.73 0.00	34.11 1.84 0.00	34.25 1.82 0.00	35.16 1.96 0.00	38.61 1.98 0.00	43.23 1.78 0.02	50.26 1.18 0.01	60.79 1.31 0.01	55.98 1.10 0.01	45.29 1.19 0.01	40.18 1.55 0.00	38.38 1.83 0.00	34.68 1.62 0.00
ARTHUR_KILL_3 23513	36.00 1.55 0.00	30.70 1.32 0.00	29.52 1.22 0.00	28.43 1.17 0.00	29.65 1.14 0.00	31.77 1.01 0.00	39.21 1.55 0.00	42.95 1.77 0.00	38.90 1.85 0.00	33.77 1.64 0.00	32.18 1.71 0.00	33.88 1.73 0.00	34.11 1.84 0.00	34.25 1.82 0.00	35.10 1.89 0.00	38.50 1.87 0.00	43.49 2.03 0.01	50.81 1.72 0.00	61.46 1.96 0.00	56.53 1.65 0.00	45.60 1.50 0.00	40.25 1.62 0.00	38.08 1.53 0.00	34.38 1.32 0.00

ARTHUR_KILL_COGEN 323718	36.52 2.07 -0.01	31.11 1.73 0.00	29.88 1.58 0.00	28.75 1.50 0.00	29.99 1.48 0.00	32.02 1.26 0.00	39.32 1.66 0.00	42.58 1.40 0.00	38.94 1.89 0.00	33.80 1.67 0.00	32.15 1.68 0.00	33.94 1.80 0.00	34.17 1.90 0.00	34.34 1.91 0.00	35.27 2.06 0.00	38.68 2.05 0.00	43.36 1.91 0.02	50.41 1.33 0.01	61.03 1.54 0.01	56.14 1.26 0.01	45.42 1.32 0.01	40.29 1.66 0.00	38.49 1.94 0.00	34.78 1.72 0.00
ASHOKAN____ 23654	35.89 1.45 0.00	30.53 1.14 0.00	29.40 1.10 0.00	28.35 1.09 0.00	29.56 1.06 0.00	31.68 0.92 0.00	39.06 1.39 0.00	42.46 1.28 0.00	37.94 0.89 0.00	32.74 0.61 0.00	30.90 0.43 0.00	32.46 0.32 0.00	32.72 0.45 0.00	32.98 0.55 0.00	33.90 0.70 0.00	37.40 0.77 0.00	42.58 1.12 0.00	50.36 1.27 0.00	61.52 2.02 0.00	56.64 1.76 0.00	45.25 1.14 0.00	39.79 1.16 0.00	37.57 1.02 0.00	34.05 0.99 0.00
ASTORIA_EAST_ENERGY_CC1 323581	36.21 1.76 -0.01	30.88 1.50 0.00	29.66 1.36 0.00	28.51 1.25 0.00	29.73 1.22 0.00	31.83 1.08 0.01	39.24 1.58 0.01	42.82 1.65 0.01	38.96 1.93 0.01	33.83 1.70 0.01	32.23 1.77 0.01	34.03 1.90 0.01	34.23 1.97 0.01	34.37 1.95 0.01	35.29 2.09 0.01	38.67 2.05 0.01	43.57 2.11 0.01	50.60 1.52 0.01	61.27 1.78 0.01	56.30 1.42 0.01	45.64 1.54 0.01	40.32 1.70 0.01	38.22 1.68 0.01	34.51 1.45 0.01
ASTORIA_EAST_ENERGY_CC2 323582	36.01 1.55 -0.01	30.85 1.47 0.00	29.63 1.33 0.00	28.51 1.25 0.00	29.73 1.22 0.00	31.83 1.08 0.01	39.21 1.55 0.01	42.82 1.65 0.01	38.93 1.89 0.01	33.79 1.67 0.01	32.23 1.77 0.01	34.00 1.86 0.01	34.23 1.97 0.01	34.37 1.95 0.01	35.26 2.06 0.01	38.67 2.05 0.01	43.57 2.11 0.01	50.60 1.52 0.01	61.21 1.73 0.01	56.30 1.42 0.01	45.60 1.50 0.01	40.32 1.70 0.01	38.22 1.68 0.01	34.51 1.45 0.01
ASTORIA_GT2_1 24094	36.21 1.76 -0.01	30.88 1.50 0.00	29.66 1.36 0.00	28.51 1.25 0.00	29.73 1.23 0.00	31.84 1.08 0.00	39.33 1.66 0.00	42.83 1.65 0.00	38.97 1.93 0.00	33.84 1.70 0.00	32.27 1.80 0.00	34.04 1.90 0.00	34.24 1.97 0.00	34.41 1.98 0.00	35.30 2.09 0.00	38.68 2.05 0.00	43.45 1.99 0.00	50.61 1.52 0.00	61.09 1.61 0.01	56.25 1.37 0.01	45.47 1.37 0.00	40.29 1.66 0.00	38.27 1.72 0.00	34.48 1.42 0.00
ASTORIA_GT2_2 24095	36.21 1.76 -0.01	30.88 1.50 0.00	29.66 1.36 0.00	28.51 1.25 0.00	29.73 1.23 0.00	31.84 1.08 0.00	39.33 1.66 0.00	42.83 1.65 0.00	38.97 1.93 0.00	33.84 1.70 0.00	32.27 1.80 0.00	34.04 1.90 0.00	34.24 1.97 0.00	34.41 1.98 0.00	35.30 2.09 0.00	38.68 2.05 0.00	43.45 1.99 0.00	50.61 1.52 0.00	61.09 1.61 0.01	56.25 1.37 0.01	45.47 1.37 0.00	40.29 1.66 0.00	38.27 1.72 0.00	34.48 1.42 0.00
ASTORIA_GT2_3 24096	36.21 1.76 -0.01	30.88 1.50 0.00	29.66 1.36 0.00	28.51 1.25 0.00	29.73 1.23 0.00	31.84 1.08 0.00	39.33 1.66 0.00	42.83 1.65 0.00	38.97 1.93 0.00	33.84 1.70 0.00	32.27 1.80 0.00	34.04 1.90 0.00	34.24 1.97 0.00	34.41 1.98 0.00	35.30 2.09 0.00	38.68 2.05 0.00	43.45 1.99 0.00	50.61 1.52 0.00	61.09 1.61 0.01	56.25 1.37 0.01	45.47 1.37 0.00	40.29 1.66 0.00	38.27 1.72 0.00	34.48 1.42 0.00
ASTORIA_GT2_4 24097	36.21 1.76 -0.01	30.88 1.50 0.00	29.66 1.36 0.00	28.51 1.25 0.00	29.73 1.23 0.00	31.84 1.08 0.00	39.33 1.66 0.00	42.83 1.65 0.00	38.97 1.93 0.00	33.84 1.70 0.00	32.27 1.80 0.00	34.04 1.90 0.00	34.24 1.97 0.00	34.41 1.98 0.00	35.30 2.09 0.00	38.68 2.05 0.00	43.45 1.99 0.00	50.61 1.52 0.00	61.09 1.61 0.01	56.25 1.37 0.01	45.47 1.37 0.00	40.29 1.66 0.00	38.27 1.72 0.00	34.48 1.42 0.00
ASTORIA_GT3_1 24098	36.04 1.58 -0.01	30.88 1.50 0.00	29.66 1.36 0.00	28.51 1.25 0.00	29.73 1.23 0.00	31.84 1.08 0.00	39.33 1.66 0.00	42.83 1.65 0.00	38.97 1.93 0.00	33.84 1.70 0.00	32.27 1.80 0.00	34.04 1.90 0.00	34.24 1.97 0.00	34.41 1.98 0.00	35.30 2.09 0.00	38.68 2.05 0.00	43.45 1.99 0.00	50.61 1.52 0.00	61.09 1.61 0.01	56.25 1.37 0.01	45.47 1.37 0.00	40.29 1.66 0.00	38.27 1.72 0.00	34.48 1.42 0.00
ASTORIA_GT3_2 24099	36.04 1.58 -0.01	30.88 1.50 0.00	29.66 1.36 0.00	28.51 1.25 0.00	29.73 1.23 0.00	31.84 1.08 0.00	39.33 1.66 0.00	42.83 1.65 0.00	38.97 1.93 0.00	33.84 1.70 0.00	32.27 1.80 0.00	34.04 1.90 0.00	34.24 1.97 0.00	34.41 1.98 0.00	35.30 2.09 0.00	38.68 2.05 0.00	43.45 1.99 0.00	50.61 1.52 0.00	61.09 1.61 0.01	56.25 1.37 0.01	45.47 1.37 0.00	40.29 1.66 0.00	38.27 1.72 0.00	34.48 1.42 0.00
ASTORIA_GT3_3 24100	36.04 1.58 -0.01	30.88 1.50 0.00	29.66 1.36 0.00	28.51 1.25 0.00	29.73 1.23 0.00	31.84 1.08 0.00	39.33 1.66 0.00	42.83 1.65 0.00	38.97 1.93 0.00	33.84 1.70 0.00	32.27 1.80 0.00	34.04 1.90 0.00	34.24 1.97 0.00	34.41 1.98 0.00	35.30 2.09 0.00	38.68 2.05 0.00	43.45 1.99 0.00	50.61 1.52 0.00	61.09 1.61 0.01	56.25 1.37 0.01	45.47 1.37 0.00	40.29 1.66 0.00	38.27 1.72 0.00	34.48 1.42 0.00
ASTORIA_GT3_4 24101	36.04 1.58 -0.01	30.88 1.50 0.00	29.66 1.36 0.00	28.51 1.25 0.00	29.73 1.23 0.00	31.84 1.08 0.00	39.33 1.66 0.00	42.83 1.65 0.00	38.97 1.93 0.00	33.84 1.70 0.00	32.27 1.80 0.00	34.04 1.90 0.00	34.24 1.97 0.00	34.41 1.98 0.00	35.30 2.09 0.00	38.68 2.05 0.00	43.45 1.99 0.00	50.61 1.52 0.00	61.09 1.61 0.01	56.25 1.37 0.01	45.47 1.37 0.00	40.29 1.66 0.00	38.27 1.72 0.00	34.48 1.42 0.00
ASTORIA_GT4_1 24102	36.04 1.58 -0.01	30.88 1.50 0.00	29.66 1.36 0.00	28.51 1.25 0.00	29.73 1.23 0.00	31.84 1.08 0.00	39.33 1.66 0.00	42.83 1.65 0.00	38.97 1.93 0.00	33.84 1.70 0.00	32.27 1.80 0.00	34.04 1.90 0.00	34.24 1.97 0.00	34.41 1.98 0.00	35.30 2.09 0.00	38.68 2.05 0.00	43.45 1.99 0.00	50.61 1.52 0.00	61.09 1.61 0.01	56.25 1.37 0.01	45.47 1.37 0.00	40.29 1.66 0.00	38.27 1.72 0.00	34.48 1.42 0.00
ASTORIA_GT4_2 24103	36.04 1.58 -0.01	30.88 1.50 0.00	29.66 1.36 0.00	28.51 1.25 0.00	29.73 1.23 0.00	31.84 1.08 0.00	39.33 1.66 0.00	42.83 1.65 0.00	38.97 1.93 0.00	33.84 1.70 0.00	32.27 1.80 0.00	34.04 1.90 0.00	34.24 1.97 0.00	34.41 1.98 0.00	35.30 2.09 0.00	38.68 2.05 0.00	43.45 1.99 0.00	50.61 1.52 0.00	61.09 1.61 0.01	56.25 1.37 0.01	45.47 1.37 0.00	40.29 1.66 0.00	38.27 1.72 0.00	34.48 1.42 0.00
ASTORIA_GT4_3 24104	36.04 1.58 -0.01	30.88 1.50 0.00	29.66 1.36 0.00	28.51 1.25 0.00	29.73 1.23 0.00	31.84 1.08 0.00	39.33 1.66 0.00	42.83 1.65 0.00	38.97 1.93 0.00	33.84 1.70 0.00	32.27 1.80 0.00	34.04 1.90 0.00	34.24 1.97 0.00	34.41 1.98 0.00	35.30 2.09 0.00	38.68 2.05 0.00	43.45 1.99 0.00	50.61 1.52 0.00	61.09 1.61 0.01	56.25 1.37 0.01	45.47 1.37 0.00	40.29 1.66 0.00	38.27 1.72 0.00	34.48 1.42 0.00

ASTORIA_GT4_4 24105	36.04 1.58 -0.01	30.88 1.50 0.00	29.66 1.36 0.00	28.51 1.25 0.00	29.73 1.23 0.00	31.84 1.08 0.00	39.33 1.66 0.00	42.83 1.65 0.00	38.97 1.93 0.00	33.84 1.70 0.00	32.27 1.80 0.00	34.04 1.90 0.00	34.24 1.97 0.00	34.41 1.98 0.00	35.30 2.09 0.00	38.68 2.05 0.00	43.45 1.99 0.00	50.61 1.52 0.00	61.09 1.61 0.01	56.25 1.37 0.01	45.47 1.37 0.00	40.29 1.66 0.00	38.27 1.72 0.00	34.48 1.42 0.00
ASTORIA_GT_1 23523	36.21 1.76 -0.01	30.91 1.53 0.00	29.69 1.39 0.00	28.56 1.31 0.00	29.79 1.28 0.00	31.90 1.14 0.00	39.40 1.73 0.00	42.91 1.73 0.00	39.01 1.96 0.00	33.90 1.77 0.00	32.30 1.83 0.00	34.10 1.96 0.00	34.30 2.03 0.00	34.47 2.04 0.00	35.36 2.16 0.00	38.76 2.12 0.00	43.54 2.07 0.00	50.71 1.62 0.00	61.21 1.73 0.01	56.36 1.48 0.01	45.56 1.46 0.00	40.33 1.70 0.00	38.30 1.75 0.00	34.55 1.49 0.00
ASTORIA_GT_10 24110	36.35 1.89 -0.01	31.00 1.62 0.00	29.77 1.47 0.00	28.67 1.42 0.00	29.90 1.40 0.00	32.02 1.26 0.00	39.55 1.88 0.00	43.04 1.85 0.00	39.12 2.07 0.00	34.00 1.86 0.00	32.36 1.89 0.00	34.14 1.99 0.00	34.33 2.07 0.00	34.51 2.08 0.00	35.36 2.16 0.00	38.79 2.16 0.00	43.54 2.07 0.00	50.76 1.67 0.00	61.33 1.84 0.01	56.42 1.54 0.01	45.60 1.50 0.00	40.41 1.78 0.00	38.41 1.86 0.00	34.65 1.59 0.00
ASTORIA_GT_11 24225	36.35 1.89 -0.01	31.00 1.62 0.00	29.77 1.47 0.00	28.67 1.42 0.00	29.90 1.40 0.00	32.02 1.26 0.00	39.55 1.88 0.00	43.04 1.85 0.00	39.12 2.07 0.00	34.00 1.86 0.00	32.36 1.89 0.00	34.14 1.99 0.00	34.33 2.07 0.00	34.51 2.08 0.00	35.36 2.16 0.00	38.79 2.16 0.00	43.54 2.07 0.00	50.76 1.67 0.00	61.33 1.84 0.01	56.42 1.54 0.01	45.60 1.50 0.00	40.41 1.78 0.00	38.41 1.86 0.00	34.65 1.59 0.00
ASTORIA_GT_12 24226	36.35 1.89 -0.01	31.00 1.62 0.00	29.77 1.47 0.00	28.67 1.42 0.00	29.90 1.40 0.00	32.02 1.26 0.00	39.55 1.88 0.00	43.04 1.85 0.00	39.12 2.07 0.00	34.00 1.86 0.00	32.36 1.89 0.00	34.14 1.99 0.00	34.33 2.07 0.00	34.51 2.08 0.00	35.36 2.16 0.00	38.79 2.16 0.00	43.54 2.07 0.00	50.76 1.67 0.00	61.33 1.84 0.01	56.42 1.54 0.01	45.60 1.50 0.00	40.41 1.78 0.00	38.41 1.86 0.00	34.65 1.59 0.00
ASTORIA_GT_13 24227	36.35 1.89 -0.01	31.00 1.62 0.00	29.77 1.47 0.00	28.67 1.42 0.00	29.90 1.40 0.00	32.02 1.26 0.00	39.55 1.88 0.00	43.04 1.85 0.00	39.12 2.07 0.00	34.00 1.86 0.00	32.36 1.89 0.00	34.14 1.99 0.00	34.33 2.07 0.00	34.51 2.08 0.00	35.36 2.16 0.00	38.79 2.16 0.00	43.54 2.07 0.00	50.76 1.67 0.00	61.33 1.84 0.01	56.42 1.54 0.01	45.60 1.50 0.00	40.41 1.78 0.00	38.41 1.86 0.00	34.65 1.59 0.00
ASTORIA_GT_5 24106	36.21 1.76 -0.01	30.91 1.53 0.00	29.69 1.39 0.00	28.56 1.31 0.00	29.79 1.28 0.00	31.90 1.14 0.00	39.40 1.73 0.00	42.91 1.73 0.00	39.01 1.96 0.00	33.90 1.77 0.00	32.30 1.83 0.00	34.10 1.96 0.00	34.30 2.03 0.00	34.47 2.04 0.00	35.36 2.16 0.00	38.76 2.12 0.00	43.54 2.07 0.00	50.71 1.62 0.00	61.21 1.73 0.01	56.36 1.48 0.01	45.56 1.46 0.00	40.33 1.70 0.00	38.30 1.75 0.00	34.55 1.49 0.00
ASTORIA_GT_7 24107	36.21 1.76 -0.01	30.91 1.53 0.00	29.69 1.39 0.00	28.56 1.31 0.00	29.79 1.28 0.00	31.90 1.14 0.00	39.40 1.73 0.00	42.91 1.73 0.00	39.01 1.96 0.00	33.90 1.77 0.00	32.30 1.83 0.00	34.10 1.96 0.00	34.30 2.03 0.00	34.47 2.04 0.00	35.36 2.16 0.00	38.76 2.12 0.00	43.54 2.07 0.00	50.71 1.62 0.00	61.21 1.73 0.01	56.36 1.48 0.01	45.56 1.46 0.00	40.33 1.70 0.00	38.30 1.75 0.00	34.55 1.49 0.00
ASTORIA_GT_8 24108	36.21 1.76 -0.01	30.91 1.53 0.00	29.69 1.39 0.00	28.56 1.31 0.00	29.79 1.28 0.00	31.90 1.14 0.00	39.40 1.73 0.00	42.91 1.73 0.00	39.01 1.96 0.00	33.90 1.77 0.00	32.30 1.83 0.00	34.10 1.96 0.00	34.30 2.03 0.00	34.47 2.04 0.00	35.36 2.16 0.00	38.76 2.12 0.00	43.54 2.07 0.00	50.71 1.62 0.00	61.21 1.73 0.01	56.36 1.48 0.01	45.56 1.46 0.00	40.33 1.70 0.00	38.30 1.75 0.00	34.55 1.49 0.00
ASTORIA___2 24149	36.04 1.59 -0.01	30.88 1.50 0.00	29.66 1.36 0.00	28.51 1.25 0.00	29.73 1.22 0.00	31.83 1.08 0.01	39.24 1.58 0.01	42.82 1.65 0.01	38.96 1.93 0.01	33.83 1.70 0.01	32.23 1.77 0.01	34.03 1.90 0.01	34.23 1.97 0.01	34.37 1.95 0.01	35.29 2.09 0.01	38.67 2.05 0.01	43.57 2.11 0.01	50.60 1.52 0.01	61.27 1.78 0.01	56.30 1.42 0.01	45.64 1.54 0.01	40.32 1.70 0.01	38.22 1.68 0.01	34.51 1.45 0.01
ASTORIA___3 23516	36.35 1.89 -0.01	31.00 1.61 0.00	29.77 1.47 0.00	28.67 1.42 0.00	29.90 1.40 0.00	32.02 1.26 0.00	39.44 1.77 0.00	43.04 1.85 0.00	39.12 2.07 0.00	34.00 1.86 0.00	32.37 1.89 0.00	34.14 1.99 0.00	34.34 2.07 0.00	34.48 2.04 0.00	35.36 2.16 0.00	38.79 2.16 0.00	43.70 2.24 0.00	50.76 1.67 0.00	61.45 1.96 0.01	56.47 1.59 0.01	45.78 1.68 0.00	40.48 1.85 0.00	38.41 1.86 0.00	34.68 1.62 0.00
ASTORIA___4 23517	36.35 1.89 -0.01	31.00 1.62 0.00	29.77 1.47 0.00	28.67 1.42 0.00	29.90 1.40 0.00	32.02 1.26 0.00	39.55 1.88 0.00	43.04 1.85 0.00	39.12 2.07 0.00	34.00 1.86 0.00	32.36 1.89 0.00	34.14 1.99 0.00	34.33 2.07 0.00	34.51 2.08 0.00	35.36 2.16 0.00	38.79 2.16 0.00	43.54 2.07 0.00	50.76 1.67 0.00	61.27 1.78 0.01	56.42 1.54 0.01	45.60 1.50 0.00	40.41 1.78 0.00	38.41 1.86 0.00	34.65 1.59 0.00
ASTORIA___5 23518	36.35 1.89 -0.01	31.00 1.61 0.00	29.77 1.47 0.00	28.67 1.42 0.00	29.90 1.40 0.00	32.02 1.26 0.00	39.44 1.77 0.00	43.04 1.85 0.00	39.12 2.07 0.00	34.00 1.86 0.00	32.37 1.89 0.00	34.14 1.99 0.00	34.34 2.07 0.00	34.48 2.04 0.00	35.36 2.16 0.00	38.79 2.16 0.00	43.70 2.24 0.00	50.76 1.67 0.00	61.45 1.96 0.01	56.47 1.59 0.01	45.78 1.68 0.00	40.48 1.85 0.00	38.41 1.86 0.00	34.68 1.62 0.00
AST_ENERGY_2_CC3 323677	27.09 1.24 8.60	24.91 1.21 5.68	24.91 1.08 4.47	24.91 0.98 3.32	24.91 0.94 4.54	24.91 0.77 6.62	27.09 1.21 11.78	27.60 1.23 14.82	25.40 1.56 13.20	24.91 1.38 8.60	26.64 1.46 5.30	26.64 1.57 7.08	26.64 1.64 7.27	26.64 1.62 7.41	26.64 1.76 8.33	26.64 1.69 11.68	26.64 1.74 16.56	32.55 1.03 17.57	44.35 1.19 16.34	39.34 0.93 16.47	28.52 1.10 16.69	30.48 1.35 9.50	26.64 1.31 11.22	26.64 1.12 7.55
AST_ENERGY_2_CC4 323678	27.09 1.24 8.60	24.91 1.21 5.68	24.91 1.08 4.47	24.91 0.98 3.32	24.91 0.94 4.54	24.91 0.77 6.62	27.09 1.21 11.78	27.60 1.23 14.82	25.40 1.56 13.20	24.91 1.38 8.60	26.64 1.46 5.30	26.64 1.57 7.08	26.64 1.64 7.27	26.64 1.62 7.41	26.64 1.76 8.33	26.64 1.69 11.68	26.64 1.74 16.56	32.55 1.03 17.57	44.35 1.19 16.34	39.34 0.93 16.47	28.52 1.10 16.69	30.48 1.35 9.50	26.64 1.31 11.22	26.64 1.12 7.55

ATHENS_STG_1 23668	35.31 0.86 0.00	30.14 0.76 0.00	28.98 0.68 0.00	27.91 0.65 0.00	29.13 0.63 0.00	31.37 0.61 0.00	38.61 0.94 0.00	42.29 1.11 0.00	38.05 1.00 0.00	33.00 0.87 0.00	31.30 0.82 0.00	32.98 0.83 0.00	33.17 0.90 0.00	33.31 0.88 0.00	34.17 0.96 0.00	37.58 0.95 0.00	42.58 1.12 0.00	50.17 1.08 0.00	60.62 1.13 0.00	55.88 0.99 0.00	45.03 0.93 0.00	39.56 0.93 0.00	37.39 0.84 0.00	33.79 0.73 0.00
ATHENS_STG_2 23670	35.31 0.86 0.00	30.14 0.76 0.00	28.98 0.68 0.00	27.91 0.65 0.00	29.13 0.63 0.00	31.37 0.61 0.00	38.61 0.94 0.00	42.29 1.11 0.00	38.05 1.00 0.00	33.00 0.87 0.00	31.30 0.82 0.00	32.98 0.83 0.00	33.17 0.90 0.00	33.31 0.88 0.00	34.17 0.96 0.00	37.58 0.95 0.00	42.58 1.12 0.00	50.17 1.08 0.00	60.62 1.13 0.00	55.88 0.99 0.00	45.03 0.93 0.00	39.56 0.93 0.00	37.39 0.84 0.00	33.79 0.73 0.00
ATHENS_STG_3 23677	35.31 0.86 0.00	30.14 0.76 0.00	28.98 0.68 0.00	27.91 0.65 0.00	29.13 0.63 0.00	31.37 0.61 0.00	38.61 0.94 0.00	42.29 1.11 0.00	38.05 1.00 0.00	33.00 0.87 0.00	31.30 0.82 0.00	32.98 0.83 0.00	33.17 0.90 0.00	33.31 0.88 0.00	34.17 0.96 0.00	37.58 0.95 0.00	42.58 1.12 0.00	50.17 1.08 0.00	60.62 1.13 0.00	55.88 0.99 0.00	45.03 0.93 0.00	39.56 0.93 0.00	37.39 0.84 0.00	33.79 0.73 0.00
AUBURN___LFGE 323710	34.35 -0.10 0.00	29.23 -0.15 0.00	28.19 -0.11 0.00	27.17 -0.08 0.00	28.48 -0.03 0.00	30.76 0.00 0.00	37.37 -0.30 0.00	40.85 -0.33 0.00	36.75 -0.30 0.00	31.81 -0.32 0.00	30.23 -0.24 0.00	31.89 -0.26 0.00	31.95 -0.32 0.00	32.11 -0.32 0.00	32.84 -0.37 0.00	36.38 -0.26 0.00	41.09 -0.37 0.00	48.79 -0.29 0.00	59.38 -0.12 0.00	54.89 0.00 0.00	43.97 -0.13 0.00	38.44 -0.19 0.00	36.37 -0.18 0.00	32.99 -0.07 0.00
BABYLON_RES_REC 323704	36.03 1.59 0.00	30.67 1.29 0.00	29.52 1.22 0.00	28.40 1.14 0.00	29.65 1.14 0.00	31.71 0.95 0.00	39.18 1.51 0.00	42.46 1.28 0.00	38.79 1.74 0.00	33.77 1.64 0.00	32.46 1.98 0.00	34.17 2.03 0.00	34.40 2.13 0.00	34.57 2.14 0.00	35.57 2.36 -0.01	38.35 1.72 0.00	43.25 1.78 0.00	50.91 1.82 0.00	61.28 1.78 0.00	56.48 1.59 0.00	45.24 1.14 0.01	39.82 1.20 0.01	37.61 1.06 0.00	34.28 1.22 0.00
BALL_HILL_WT_PWR 323825	32.93 -1.51 0.00	28.00 -1.38 0.00	27.22 -1.08 0.00	26.52 -0.73 0.00	27.94 -0.57 0.00	30.08 -0.68 0.00	35.56 -2.11 0.00	38.71 -2.47 0.00	35.20 -1.85 0.00	30.75 -1.38 0.00	29.80 -0.67 0.00	31.34 -0.80 0.00	31.24 -1.03 0.00	31.36 -1.07 0.00	31.68 -1.53 0.00	35.17 -1.47 0.00	38.85 -2.61 0.00	46.68 -2.40 0.00	56.64 -2.85 0.00	52.09 -2.80 0.00	41.50 -2.60 0.00	36.39 -2.24 0.00	35.31 -1.24 0.00	32.50 -0.56 0.00
BARON_WINDS___WT_PWR 323822	33.14 -1.31 0.00	28.23 -1.15 0.00	27.39 -0.91 0.00	26.63 -0.63 0.00	27.97 -0.54 0.00	30.17 -0.59 0.00	36.12 -1.55 0.00	39.41 -1.77 0.00	35.53 -1.52 0.00	30.85 -1.29 0.00	29.62 -0.85 0.00	31.15 -1.00 0.00	31.17 -1.10 0.00	31.33 -1.10 0.00	31.84 -1.36 0.00	35.35 -1.28 0.00	39.56 -1.91 0.00	47.57 -1.52 0.00	57.95 -1.55 0.00	53.29 -1.59 0.00	42.52 -1.59 0.00	37.20 -1.43 0.00	35.64 -0.91 0.00	32.60 -0.46 0.00
BARRETT_IC_1 23704	35.89 1.45 0.00	30.59 1.21 0.00	29.43 1.13 0.00	28.32 1.06 0.00	29.56 1.06 0.00	31.62 0.86 0.00	38.95 1.28 0.00	42.25 1.07 0.00	38.60 1.56 0.00	33.67 1.54 0.00	32.33 1.86 0.00	33.94 1.80 0.00	34.17 1.90 0.00	34.34 1.91 0.00	35.31 2.09 -0.01	38.10 1.47 0.00	42.95 1.49 0.00	50.51 1.42 0.00	60.86 1.37 0.00	56.09 1.21 0.00	44.98 0.88 0.01	39.63 1.00 0.01	37.39 0.84 0.00	34.12 1.06 0.00
BARRETT_IC_10 23701	35.89 1.45 0.00	30.59 1.21 0.00	29.43 1.13 0.00	28.32 1.06 0.00	29.56 1.06 0.00	31.62 0.86 0.00	38.95 1.28 0.00	42.25 1.07 0.00	38.60 1.56 0.00	33.67 1.54 0.00	32.33 1.86 0.00	33.94 1.80 0.00	34.17 1.90 0.00	34.34 1.91 0.00	35.31 2.09 -0.01	38.10 1.47 0.00	42.95 1.49 0.00	50.51 1.42 0.00	60.86 1.37 0.00	56.09 1.21 0.00	44.98 0.88 0.01	39.63 1.00 0.01	37.39 0.84 0.00	34.12 1.06 0.00
BARRETT_IC_11 23702	35.89 1.45 0.00	30.59 1.21 0.00	29.43 1.13 0.00	28.32 1.06 0.00	29.56 1.06 0.00	31.62 0.86 0.00	38.95 1.28 0.00	42.25 1.07 0.00	38.60 1.56 0.00	33.67 1.54 0.00	32.33 1.86 0.00	33.94 1.80 0.00	34.17 1.90 0.00	34.34 1.91 0.00	35.31 2.09 -0.01	38.10 1.47 0.00	42.95 1.49 0.00	50.51 1.42 0.00	60.86 1.37 0.00	56.09 1.21 0.00	44.98 0.88 0.01	39.63 1.00 0.01	37.39 0.84 0.00	34.12 1.06 0.00
BARRETT_IC_12 23703	35.89 1.45 0.00	30.59 1.21 0.00	29.43 1.13 0.00	28.32 1.06 0.00	29.56 1.06 0.00	31.62 0.86 0.00	38.95 1.28 0.00	42.25 1.07 0.00	38.60 1.56 0.00	33.67 1.54 0.00	32.33 1.86 0.00	33.94 1.80 0.00	34.17 1.90 0.00	34.34 1.91 0.00	35.31 2.09 -0.01	38.10 1.47 0.00	42.95 1.49 0.00	50.51 1.42 0.00	60.86 1.37 0.00	56.09 1.21 0.00	44.98 0.88 0.01	39.63 1.00 0.01	37.39 0.84 0.00	34.12 1.06 0.00
BARRETT_IC_2 23705	35.89 1.45 0.00	30.59 1.21 0.00	29.43 1.13 0.00	28.32 1.06 0.00	29.56 1.06 0.00	31.62 0.86 0.00	38.95 1.28 0.00	42.25 1.07 0.00	38.60 1.56 0.00	33.67 1.54 0.00	32.33 1.86 0.00	33.94 1.80 0.00	34.17 1.90 0.00	34.34 1.91 0.00	35.31 2.09 -0.01	38.10 1.47 0.00	42.95 1.49 0.00	50.51 1.42 0.00	60.86 1.37 0.00	56.09 1.21 0.00	44.98 0.88 0.01	39.63 1.00 0.01	37.39 0.84 0.00	34.12 1.06 0.00
BARRETT_IC_3 23706	35.89 1.45 0.00	30.59 1.21 0.00	29.43 1.13 0.00	28.32 1.06 0.00	29.56 1.06 0.00	31.62 0.86 0.00	38.95 1.28 0.00	42.25 1.07 0.00	38.60 1.56 0.00	33.67 1.54 0.00	32.33 1.86 0.00	33.94 1.80 0.00	34.17 1.90 0.00	34.34 1.91 0.00	35.31 2.09 -0.01	38.10 1.47 0.00	42.95 1.49 0.00	50.51 1.42 0.00	60.86 1.37 0.00	56.09 1.21 0.00	44.98 0.88 0.01	39.63 1.00 0.01	37.39 0.84 0.00	34.12 1.06 0.00
BARRETT_IC_4 23707	35.89 1.45 0.00	30.59 1.21 0.00	29.43 1.13 0.00	28.32 1.06 0.00	29.56 1.06 0.00	31.62 0.86 0.00	38.95 1.28 0.00	42.25 1.07 0.00	38.60 1.56 0.00	33.67 1.54 0.00	32.33 1.86 0.00	33.94 1.80 0.00	34.17 1.90 0.00	34.34 1.91 0.00	35.31 2.09 -0.01	38.10 1.47 0.00	42.95 1.49 0.00	50.51 1.42 0.00	60.86 1.37 0.00	56.09 1.21 0.00	44.98 0.88 0.01	39.63 1.00 0.01	37.39 0.84 0.00	34.12 1.06 0.00
BARRETT_IC_5 23708	35.89 1.45 0.00	30.59 1.21 0.00	29.43 1.13 0.00	28.32 1.06 0.00	29.56 1.06 0.00	31.62 0.86 0.00	38.95 1.28 0.00	42.25 1.07 0.00	38.60 1.56 0.00	33.67 1.54 0.00	32.33 1.86 0.00	33.94 1.80 0.00	34.17 1.90 0.00	34.34 1.91 0.00	35.31 2.09 -0.01	38.10 1.47 0.00	42.95 1.49 0.00	50.51 1.42 0.00	60.86 1.37 0.00	56.09 1.21 0.00	44.98 0.88 0.01	39.63 1.00 0.01	37.39 0.84 0.00	34.12 1.06 0.00

BARRETT_IC_6 23709	35.89 1.45 0.00	30.59 1.21 0.00	29.43 1.13 0.00	28.32 1.06 0.00	29.56 1.06 0.00	31.62 0.86 0.00	38.95 1.28 0.00	42.25 1.07 0.00	38.60 1.56 0.00	33.67 1.54 0.00	32.33 1.86 0.00	33.94 1.80 0.00	34.17 1.90 0.00	34.34 1.91 0.00	35.31 2.09 -0.01	38.10 1.47 0.00	42.95 1.49 0.00	50.51 1.42 0.00	60.86 1.37 0.00	56.09 1.21 0.00	44.98 0.88 0.01	39.63 1.00 0.01	37.39 0.84 0.00	34.12 1.06 0.00
BARRETT_IC_7 23710	35.90 1.45 0.00	30.58 1.20 0.00	29.43 1.13 0.00	28.32 1.06 0.00	29.56 1.05 0.00	31.62 0.86 0.00	39.06 1.39 0.00	42.25 1.07 0.00	38.60 1.56 0.00	33.67 1.54 0.00	32.36 1.89 0.00	33.94 1.80 0.00	34.17 1.90 0.00	34.41 1.98 0.00	35.31 2.09 -0.01	38.10 1.47 0.00	42.87 1.41 0.00	50.51 1.42 0.00	60.74 1.25 0.00	55.87 0.99 0.00	44.85 0.75 0.01	39.59 0.97 0.01	37.50 0.95 0.00	34.09 1.02 0.00
BARRETT_IC_8 23711	35.89 1.45 0.00	30.59 1.21 0.00	29.43 1.13 0.00	28.32 1.06 0.00	29.56 1.06 0.00	31.62 0.86 0.00	38.95 1.28 0.00	42.25 1.07 0.00	38.60 1.56 0.00	33.67 1.54 0.00	32.33 1.86 0.00	33.94 1.80 0.00	34.17 1.90 0.00	34.34 1.91 0.00	35.31 2.09 -0.01	38.10 1.47 0.00	42.95 1.49 0.00	50.51 1.42 0.00	60.86 1.37 0.00	56.09 1.21 0.00	44.98 0.88 0.01	39.63 1.00 0.01	37.39 0.84 0.00	34.12 1.06 0.00
BARRETT_IC_9 23700	35.89 1.45 0.00	30.59 1.21 0.00	29.43 1.13 0.00	28.32 1.06 0.00	29.56 1.06 0.00	31.62 0.86 0.00	38.95 1.28 0.00	42.25 1.07 0.00	38.60 1.56 0.00	33.67 1.54 0.00	32.33 1.86 0.00	33.94 1.80 0.00	34.17 1.90 0.00	34.34 1.91 0.00	35.31 2.09 -0.01	38.10 1.47 0.00	42.95 1.49 0.00	50.51 1.42 0.00	60.86 1.37 0.00	56.09 1.21 0.00	44.98 0.88 0.01	39.63 1.00 0.01	37.39 0.84 0.00	34.12 1.06 0.00
BARRETT___1 23545	35.89 1.45 0.00	30.59 1.21 0.00	29.43 1.13 0.00	28.32 1.06 0.00	29.56 1.06 0.00	31.62 0.86 0.00	38.95 1.28 0.00	42.25 1.07 0.00	38.60 1.56 0.00	33.67 1.54 0.00	32.33 1.86 0.00	33.94 1.80 0.00	34.17 1.90 0.00	34.34 1.91 0.00	35.31 2.09 -0.01	38.10 1.47 0.00	42.95 1.49 0.00	50.51 1.42 0.00	60.86 1.37 0.00	56.09 1.21 0.00	44.98 0.88 0.01	39.63 1.00 0.01	37.39 0.84 0.00	34.12 1.06 0.00
BARRETT___2 23546	35.89 1.45 0.00	30.59 1.21 0.00	29.43 1.13 0.00	28.32 1.06 0.00	29.56 1.06 0.00	31.62 0.86 0.00	38.95 1.28 0.00	42.25 1.07 0.00	38.60 1.56 0.00	33.67 1.54 0.00	32.33 1.86 0.00	33.94 1.80 0.00	34.17 1.90 0.00	34.34 1.91 0.00	35.31 2.09 -0.01	38.10 1.47 0.00	42.95 1.49 0.00	50.51 1.42 0.00	60.86 1.37 0.00	56.09 1.21 0.00	44.98 0.88 0.01	39.63 1.00 0.01	37.39 0.84 0.00	34.12 1.06 0.00
BATAVIA__115KV_TB1 55881	33.86 -0.59 0.00	28.85 -0.53 0.00	28.05 -0.25 0.00	27.20 -0.05 0.00	28.62 0.11 0.00	30.85 0.09 0.00	36.01 -1.66 0.00	39.41 -1.77 0.00	35.83 -1.22 0.00	31.26 -0.87 0.00	30.08 -0.40 0.00	31.60 -0.55 0.00	31.53 -0.74 0.00	31.62 -0.81 0.00	32.11 -1.10 0.00	35.64 -0.99 0.00	39.35 -2.11 0.00	46.83 -2.26 0.00	57.29 -2.20 0.00	52.80 -2.09 0.00	42.25 -1.85 0.00	36.78 -1.85 0.00	35.45 -1.10 0.00	33.09 0.03 0.00
BAYONEEC___CTG1 323682	36.17 1.72 0.00	30.85 1.47 0.00	29.63 1.33 0.00	28.54 1.28 0.00	29.76 1.25 0.00	31.93 1.17 0.00	39.37 1.70 0.00	43.12 1.94 0.00	39.05 2.00 0.00	33.90 1.77 0.00	32.30 1.83 0.00	34.04 1.90 0.00	34.24 1.97 0.00	34.38 1.95 0.00	35.27 2.06 0.00	38.68 2.05 0.00	43.66 2.20 0.00	51.00 1.91 0.00	61.76 2.26 0.00	56.75 1.87 0.00	45.82 1.72 0.00	40.45 1.82 0.00	38.27 1.72 0.00	34.51 1.45 0.00
BAYONEEC___CTG10 323750	36.17 1.72 0.00	30.85 1.47 0.00	29.63 1.33 0.00	28.54 1.28 0.00	29.76 1.25 0.00	31.93 1.17 0.00	39.37 1.70 0.00	43.12 1.94 0.00	39.05 2.00 0.00	33.90 1.77 0.00	32.30 1.83 0.00	34.04 1.90 0.00	34.24 1.97 0.00	34.38 1.95 0.00	35.27 2.06 0.00	38.68 2.05 0.00	43.66 2.20 0.00	51.00 1.91 0.00	61.76 2.26 0.00	56.75 1.87 0.00	45.82 1.72 0.00	40.45 1.82 0.00	38.27 1.72 0.00	34.51 1.45 0.00
BAYONEEC___CTG2 323683	36.17 1.72 0.00	30.85 1.47 0.00	29.63 1.33 0.00	28.54 1.28 0.00	29.76 1.25 0.00	31.93 1.17 0.00	39.37 1.70 0.00	43.12 1.94 0.00	39.05 2.00 0.00	33.90 1.77 0.00	32.30 1.83 0.00	34.04 1.90 0.00	34.24 1.97 0.00	34.38 1.95 0.00	35.27 2.06 0.00	38.68 2.05 0.00	43.66 2.20 0.00	51.00 1.91 0.00	61.76 2.26 0.00	56.75 1.87 0.00	45.82 1.72 0.00	40.45 1.82 0.00	38.27 1.72 0.00	34.51 1.45 0.00
BAYONEEC___CTG3 323684	36.17 1.72 0.00	30.85 1.47 0.00	29.63 1.33 0.00	28.54 1.28 0.00	29.76 1.25 0.00	31.93 1.17 0.00	39.37 1.70 0.00	43.12 1.94 0.00	39.05 2.00 0.00	33.90 1.77 0.00	32.30 1.83 0.00	34.04 1.90 0.00	34.24 1.97 0.00	34.38 1.95 0.00	35.27 2.06 0.00	38.68 2.05 0.00	43.66 2.20 0.00	51.00 1.91 0.00	61.76 2.26 0.00	56.75 1.87 0.00	45.82 1.72 0.00	40.45 1.82 0.00	38.27 1.72 0.00	34.51 1.45 0.00
BAYONEEC___CTG4 323685	36.17 1.72 0.00	30.85 1.47 0.00	29.63 1.33 0.00	28.54 1.28 0.00	29.76 1.25 0.00	31.93 1.17 0.00	39.37 1.70 0.00	43.12 1.94 0.00	39.05 2.00 0.00	33.90 1.77 0.00	32.30 1.83 0.00	34.04 1.90 0.00	34.24 1.97 0.00	34.38 1.95 0.00	35.27 2.06 0.00	38.68 2.05 0.00	43.66 2.20 0.00	51.00 1.91 0.00	61.76 2.26 0.00	56.75 1.87 0.00	45.82 1.72 0.00	40.45 1.82 0.00	38.27 1.72 0.00	34.51 1.45 0.00
BAYONEEC___CTG5 323686	36.17 1.72 0.00	30.85 1.47 0.00	29.63 1.33 0.00	28.54 1.28 0.00	29.76 1.25 0.00	31.93 1.17 0.00	39.37 1.70 0.00	43.12 1.94 0.00	39.05 2.00 0.00	33.90 1.77 0.00	32.30 1.83 0.00	34.04 1.90 0.00	34.24 1.97 0.00	34.38 1.95 0.00	35.27 2.06 0.00	38.68 2.05 0.00	43.66 2.20 0.00	51.00 1.91 0.00	61.76 2.26 0.00	56.75 1.87 0.00	45.82 1.72 0.00	40.45 1.82 0.00	38.27 1.72 0.00	34.51 1.45 0.00
BAYONEEC___CTG6 323687	36.17 1.72 0.00	30.85 1.47 0.00	29.63 1.33 0.00	28.54 1.28 0.00	29.76 1.25 0.00	31.93 1.17 0.00	39.37 1.70 0.00	43.12 1.94 0.00	39.05 2.00 0.00	33.90 1.77 0.00	32.30 1.83 0.00	34.04 1.90 0.00	34.24 1.97 0.00	34.38 1.95 0.00	35.27 2.06 0.00	38.68 2.05 0.00	43.66 2.20 0.00	51.00 1.91 0.00	61.76 2.26 0.00	56.75 1.87 0.00	45.82 1.72 0.00	40.45 1.82 0.00	38.27 1.72 0.00	34.51 1.45 0.00
BAYONEEC___CTG7 323688	36.17 1.72 0.00	30.85 1.47 0.00	29.63 1.33 0.00	28.54 1.28 0.00	29.76 1.25 0.00	31.93 1.17 0.00	39.37 1.70 0.00	43.12 1.94 0.00	39.05 2.00 0.00	33.90 1.77 0.00	32.30 1.83 0.00	34.04 1.90 0.00	34.24 1.97 0.00	34.38 1.95 0.00	35.27 2.06 0.00	38.68 2.05 0.00	43.66 2.20 0.00	51.00 1.91 0.00	61.76 2.26 0.00	56.75 1.87 0.00	45.82 1.72 0.00	40.45 1.82 0.00	38.27 1.72 0.00	34.51 1.45 0.00

BAYONEEC___CTG8 323689	36.17 1.72 0.00	30.85 1.47 0.00	29.63 1.33 0.00	28.54 1.28 0.00	29.76 1.25 0.00	31.93 1.17 0.00	39.37 1.70 0.00	43.12 1.94 0.00	39.05 2.00 0.00	33.90 1.77 0.00	32.30 1.83 0.00	34.04 1.90 0.00	34.24 1.97 0.00	34.38 1.95 0.00	35.27 2.06 0.00	38.68 2.05 0.00	43.66 2.20 0.00	51.00 1.91 0.00	61.76 2.26 0.00	56.75 1.87 0.00	45.82 1.72 0.00	40.45 1.82 0.00	38.27 1.72 0.00	34.51 1.45 0.00
BAYONEEC___CTG9 323749	36.17 1.72 0.00	30.85 1.47 0.00	29.63 1.33 0.00	28.54 1.28 0.00	29.76 1.25 0.00	31.93 1.17 0.00	39.37 1.70 0.00	43.12 1.94 0.00	39.05 2.00 0.00	33.90 1.77 0.00	32.30 1.83 0.00	34.04 1.90 0.00	34.24 1.97 0.00	34.38 1.95 0.00	35.27 2.06 0.00	38.68 2.05 0.00	43.66 2.20 0.00	51.00 1.91 0.00	61.76 2.26 0.00	56.75 1.87 0.00	45.82 1.72 0.00	40.45 1.82 0.00	38.27 1.72 0.00	34.51 1.45 0.00
BEACON___LESR 323632	35.17 0.72 0.00	30.03 0.65 0.00	28.90 0.60 0.00	27.80 0.54 0.00	29.05 0.54 0.00	31.31 0.55 0.00	38.57 0.90 0.00	42.29 1.11 0.00	37.90 0.85 0.00	32.81 0.68 0.00	30.96 0.49 0.00	32.56 0.42 0.00	32.72 0.45 0.00	32.85 0.42 0.00	33.80 0.60 0.00	37.25 0.62 0.00	42.17 0.70 0.00	49.83 0.74 0.00	60.33 0.83 0.00	55.55 0.66 0.00	44.72 0.62 0.00	39.21 0.58 0.00	36.99 0.44 0.00	33.46 0.40 0.00
BEAVER RIVER___HYD 24048	34.66 0.21 0.00	29.64 0.26 0.00	28.55 0.25 0.00	27.39 0.14 0.00	28.73 0.23 0.00	30.98 0.22 0.00	38.05 0.38 0.00	41.59 0.41 0.00	37.16 0.11 0.00	31.91 -0.22 0.00	30.05 -0.43 0.00	31.85 -0.29 0.00	32.11 -0.16 0.00	32.46 0.03 0.00	33.27 0.07 0.00	36.89 0.26 0.00	41.84 0.37 0.00	49.83 0.74 0.00	60.80 1.31 0.00	56.48 1.59 0.00	45.34 1.23 0.00	39.71 1.08 0.00	37.61 1.06 0.00	33.72 0.66 0.00
BEEBEE_GT_13 23619	33.93 -0.52 0.00	28.88 -0.50 0.00	27.96 -0.34 0.00	27.01 -0.25 0.00	28.34 -0.17 0.00	30.61 -0.15 0.00	36.58 -1.09 0.00	40.03 -1.15 0.00	36.23 -0.82 0.00	31.55 -0.58 0.00	30.17 -0.30 0.00	31.76 -0.39 0.00	31.79 -0.48 0.00	31.94 -0.49 0.00	32.58 -0.63 0.00	36.05 -0.59 0.00	40.22 -1.24 0.00	47.76 -1.33 0.00	58.19 -1.31 0.00	53.68 -1.21 0.00	43.00 -1.10 0.00	37.51 -1.12 0.00	35.82 -0.73 0.00	32.83 -0.23 0.00
BENSHRST_27_KV_BENSHRST_1 355998	36.63 2.17 -0.01	31.20 1.82 0.00	29.97 1.67 0.00	28.83 1.58 0.00	30.08 1.57 0.00	32.14 1.38 0.00	39.70 2.03 0.00	43.08 1.89 0.00	39.20 2.15 0.00	34.03 1.90 0.00	32.40 1.92 0.00	34.20 2.06 0.00	34.43 2.16 0.00	34.60 2.17 0.00	35.50 2.29 0.00	38.94 2.31 0.00	43.66 2.20 0.00	50.95 1.87 0.00	61.51 2.02 0.01	56.63 1.76 0.01	45.74 1.63 0.00	40.48 1.85 0.00	38.63 2.08 0.00	34.85 1.79 0.00
BETHLEHEM___GRP 23843	34.66 0.21 0.00	29.64 0.26 0.00	28.53 0.23 0.00	27.44 0.19 0.00	28.65 0.14 0.00	30.91 0.15 0.00	38.08 0.41 0.00	41.68 0.49 0.00	37.42 0.37 0.00	32.42 0.29 0.00	30.63 0.15 0.00	32.24 0.10 0.00	32.37 0.10 0.00	32.53 0.10 0.00	33.44 0.23 0.00	36.82 0.18 0.00	41.80 0.33 0.00	49.33 0.25 0.00	59.67 0.18 0.00	54.94 0.05 0.00	44.24 0.13 0.00	38.82 0.19 0.00	36.66 0.11 0.00	33.09 0.03 0.00
BETHLEHEM___GS1 323560	34.66 0.21 0.00	29.64 0.26 0.00	28.53 0.23 0.00	27.45 0.19 0.00	28.65 0.14 0.00	30.91 0.15 0.00	38.05 0.38 0.00	41.68 0.50 0.00	37.42 0.37 0.00	32.42 0.29 0.00	30.63 0.15 0.00	32.24 0.10 0.00	32.37 0.10 0.00	32.53 0.10 0.00	33.44 0.23 0.00	36.82 0.18 0.00	41.67 0.21 0.00	49.14 0.05 0.00	59.44 -0.06 0.00	54.78 -0.11 0.00	44.10 0.00 0.00	38.67 0.04 0.00	36.51 -0.04 0.00	33.03 -0.03 0.00
BETHLEHEM___GS2 323561	34.66 0.21 0.00	29.64 0.26 0.00	28.53 0.23 0.00	27.45 0.19 0.00	28.65 0.14 0.00	30.91 0.15 0.00	38.05 0.38 0.00	41.68 0.50 0.00	37.42 0.37 0.00	32.42 0.29 0.00	30.63 0.15 0.00	32.24 0.10 0.00	32.37 0.10 0.00	32.53 0.10 0.00	33.44 0.23 0.00	36.82 0.18 0.00	41.67 0.21 0.00	49.14 0.05 0.00	59.44 -0.06 0.00	54.78 -0.11 0.00	44.10 0.00 0.00	38.67 0.04 0.00	36.51 -0.04 0.00	33.03 -0.03 0.00
BETHLEHEM___GS3 323562	34.66 0.21 0.00	29.64 0.26 0.00	28.53 0.23 0.00	27.45 0.19 0.00	28.65 0.14 0.00	30.91 0.15 0.00	38.05 0.38 0.00	41.68 0.50 0.00	37.42 0.37 0.00	32.42 0.29 0.00	30.63 0.15 0.00	32.24 0.10 0.00	32.37 0.10 0.00	32.53 0.10 0.00	33.44 0.23 0.00	36.82 0.18 0.00	41.67 0.21 0.00	49.14 0.05 0.00	59.44 -0.06 0.00	54.78 -0.11 0.00	44.10 0.00 0.00	38.67 0.04 0.00	36.51 -0.04 0.00	33.03 -0.03 0.00
BETHLEHEM___STEEL 23779	33.04 -1.41 0.00	28.09 -1.29 0.00	27.34 -0.96 0.00	26.63 -0.63 0.00	28.02 -0.48 0.00	30.21 -0.55 0.00	35.37 -2.30 0.00	38.67 -2.51 0.00	35.16 -1.89 0.00	30.75 -1.38 0.00	29.77 -0.70 0.00	31.31 -0.84 0.00	31.20 -1.06 0.00	31.26 -1.17 0.00	31.68 -1.53 0.00	35.13 -1.50 0.00	38.64 -2.82 0.00	45.95 -3.14 0.00	56.04 -3.45 0.00	51.65 -3.24 0.00	41.33 -2.78 0.00	36.04 -2.59 0.00	34.83 -1.72 0.00	32.43 -0.63 0.00
BETHLHEM_115KV_TB1 79974	34.76 0.31 0.00	29.70 0.32 0.00	28.58 0.28 0.00	27.50 0.25 0.00	28.74 0.23 0.00	30.98 0.22 0.00	38.16 0.49 0.00	41.76 0.58 0.00	37.49 0.44 0.00	32.49 0.35 0.00	30.72 0.24 0.00	32.34 0.19 0.00	32.46 0.19 0.00	32.63 0.19 0.00	33.54 0.33 0.00	36.89 0.26 0.00	41.88 0.41 0.00	49.48 0.39 0.00	59.85 0.36 0.00	55.11 0.22 0.00	44.32 0.22 0.00	38.90 0.27 0.00	36.77 0.22 0.00	33.19 0.13 0.00
BETHPAGE_CC_5 323564	35.89 1.45 0.00	30.61 1.23 0.00	29.49 1.19 0.00	28.37 1.12 0.00	29.62 1.11 0.00	31.65 0.89 0.00	39.02 1.35 0.00	42.38 1.20 0.00	38.68 1.63 0.00	33.74 1.61 0.00	32.43 1.95 0.00	34.14 1.99 0.00	34.37 2.10 0.00	34.54 2.11 0.00	35.54 2.32 -0.01	38.28 1.65 0.00	43.16 1.70 0.00	50.81 1.72 0.00	61.16 1.66 0.00	56.37 1.48 0.00	45.15 1.06 0.01	39.74 1.12 0.01	37.54 0.99 0.00	34.22 1.16 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	33.00 -1.45 0.00	28.06 -1.32 0.00	27.31 -0.99 0.00	26.60 -0.65 0.00	27.99 -0.51 0.00	30.18 -0.58 0.00	35.41 -2.26 0.00	38.71 -2.47 0.00	35.16 -1.89 0.00	30.75 -1.38 0.00	29.77 -0.70 0.00	31.34 -0.80 0.00	31.24 -1.03 0.00	31.26 -1.17 0.00	31.68 -1.53 0.00	35.17 -1.47 0.00	38.69 -2.78 0.00	46.04 -3.04 0.00	56.16 -3.33 0.00	51.70 -3.18 0.00	41.37 -2.73 0.00	36.04 -2.59 0.00	34.83 -1.72 0.00	32.43 -0.63 0.00
BINGHAMTON___COGEN 23790	34.41 -0.03 0.00	29.32 -0.06 0.00	28.27 -0.03 0.00	27.31 0.05 0.00	28.59 0.09 0.00	30.82 0.06 0.00	37.41 -0.26 0.00	40.89 -0.29 0.00	36.86 -0.19 0.00	31.94 -0.19 0.00	30.44 -0.03 0.00	32.08 -0.06 0.00	32.14 -0.13 0.00	32.27 -0.16 0.00	32.94 -0.27 0.00	36.41 -0.22 0.00	41.05 -0.41 0.00	48.70 -0.39 0.00	59.14 -0.36 0.00	54.61 -0.27 0.00	43.84 -0.26 0.00	38.36 -0.27 0.00	36.40 -0.15 0.00	33.13 0.07 0.00

BIXINCNT_115KV_LOAD 355685	32.28 -2.17 0.00	27.50 -1.88 0.00	26.69 -1.61 0.00	26.06 -1.20 0.00	27.42 -1.08 0.00	29.74 -1.02 0.00	35.18 -2.49 0.00	38.55 -2.64 0.00	34.90 -2.15 0.00	30.40 -1.74 0.00	29.38 -1.10 0.00	31.02 -1.13 0.00	30.95 -1.32 0.00	31.00 -1.43 0.00	31.48 -1.73 0.00	35.06 -1.58 0.00	38.73 -2.74 0.00	46.19 -2.90 0.00	56.46 -3.03 0.00	51.92 -2.96 0.00	41.41 -2.69 0.00	35.93 -2.70 0.00	34.54 -2.01 0.00	32.13 -0.93 0.00
BLACK RIVER___HYD 24047	35.10 0.65 0.00	30.00 0.62 0.00	28.90 0.60 0.00	27.69 0.43 0.00	29.11 0.60 0.00	31.34 0.58 0.00	38.50 0.83 0.00	42.01 0.82 0.00	37.49 0.45 0.00	32.07 -0.06 0.00	30.14 -0.33 0.00	31.89 -0.26 0.00	32.11 -0.16 0.00	32.37 -0.06 0.00	33.21 0.00 0.00	36.92 0.29 0.00	42.00 0.54 0.00	50.07 0.98 0.00	61.34 1.85 0.00	57.02 2.14 0.00	45.82 1.72 0.00	40.06 1.43 0.00	37.83 1.28 0.00	33.98 0.92 0.00
BLACKRVR_115KV_TB2 79977	35.10 0.65 0.00	30.00 0.62 0.00	28.89 0.59 0.00	27.69 0.44 0.00	29.11 0.60 0.00	31.34 0.58 0.00	38.46 0.79 0.00	42.01 0.82 0.00	37.49 0.44 0.00	32.07 -0.06 0.00	30.14 -0.34 0.00	31.89 -0.26 0.00	32.11 -0.16 0.00	32.37 -0.06 0.00	33.21 0.00 0.00	36.93 0.29 0.00	42.00 0.54 0.00	50.07 0.98 0.00	61.28 1.78 0.00	57.03 2.14 0.00	45.82 1.72 0.00	40.06 1.43 0.00	37.79 1.24 0.00	33.95 0.89 0.00
BLDWN_LI_69_KV_BK4 356085	36.10 1.65 0.00	30.73 1.35 0.00	29.57 1.27 0.00	28.45 1.20 0.00	29.71 1.20 0.00	31.77 1.02 0.00	39.29 1.62 0.00	42.54 1.36 0.00	38.83 1.78 0.00	33.84 1.70 0.00	32.55 2.07 0.00	34.20 2.06 0.00	34.43 2.16 0.00	34.67 2.24 0.00	35.61 2.39 -0.01	38.46 1.83 0.00	43.25 1.78 0.00	51.05 1.96 0.00	61.34 1.84 0.00	56.48 1.59 0.00	45.29 1.19 0.01	39.94 1.31 0.01	37.83 1.28 0.00	34.32 1.26 0.00
BLISS_WT_PWR 323608	32.07 -2.38 0.00	27.32 -2.06 0.00	26.52 -1.78 0.00	25.92 -1.33 0.00	27.28 -1.23 0.00	29.62 -1.14 0.00	35.26 -2.41 0.00	38.42 -2.76 0.00	34.79 -2.26 0.00	30.30 -1.83 0.00	29.29 -1.19 0.00	30.92 -1.22 0.00	30.85 -1.42 0.00	30.97 -1.46 0.00	31.41 -1.79 0.00	35.06 -1.57 0.00	38.77 -2.69 0.00	46.73 -2.36 0.00	56.82 -2.68 0.00	52.14 -2.74 0.00	41.37 -2.73 0.00	36.04 -2.59 0.00	34.80 -1.75 0.00	32.10 -0.96 0.00
BLUESTONE___WT_PWR 323821	35.31 0.86 0.00	30.14 0.76 0.00	29.09 0.79 0.00	27.96 0.71 0.00	29.39 0.88 0.00	31.65 0.89 0.00	38.65 0.98 0.00	42.29 1.11 0.00	37.97 0.93 0.00	32.64 0.51 0.00	30.93 0.46 0.00	32.63 0.48 0.00	32.72 0.45 0.00	32.85 0.42 0.00	33.67 0.46 0.00	37.44 0.80 0.00	42.58 1.12 0.00	50.85 1.76 0.00	61.94 2.44 0.00	57.41 2.53 0.00	46.09 1.99 0.00	39.98 1.35 0.00	37.75 1.20 0.00	34.19 1.12 0.00
BLUE_CIRC_CHEM_DRP 24182	35.21 0.76 0.00	30.06 0.68 0.00	28.92 0.62 0.00	27.83 0.57 0.00	29.08 0.57 0.00	31.34 0.58 0.00	38.57 0.90 0.00	42.17 0.99 0.00	37.75 0.70 0.00	32.65 0.51 0.00	30.84 0.37 0.00	32.46 0.32 0.00	32.62 0.35 0.00	32.79 0.36 0.00	33.70 0.50 0.00	37.15 0.51 0.00	42.21 0.75 0.00	49.97 0.88 0.00	60.51 1.01 0.00	55.71 0.82 0.00	44.85 0.75 0.00	39.36 0.73 0.00	37.21 0.66 0.00	33.62 0.56 0.00
BOC_GAS_DRP 24189	34.97 0.52 0.00	29.85 0.47 0.00	28.72 0.42 0.00	27.66 0.41 0.00	28.91 0.40 0.00	31.13 0.37 0.00	38.31 0.64 0.00	41.92 0.74 0.00	37.68 0.63 0.00	32.68 0.55 0.00	30.93 0.46 0.00	32.59 0.45 0.00	32.75 0.48 0.00	32.92 0.49 0.00	33.77 0.56 0.00	37.15 0.51 0.00	42.13 0.66 0.00	49.78 0.69 0.00	60.15 0.65 0.00	55.44 0.55 0.00	44.63 0.53 0.00	39.17 0.54 0.00	37.02 0.48 0.00	33.42 0.36 0.00
BOONVILLE_115KV_TB1 79983	34.86 0.41 0.00	29.79 0.41 0.00	28.70 0.40 0.00	27.55 0.30 0.00	28.91 0.40 0.00	31.16 0.40 0.00	38.20 0.53 0.00	41.76 0.58 0.00	37.42 0.37 0.00	32.23 0.10 0.00	30.38 -0.09 0.00	32.14 0.00 0.00	32.33 0.06 0.00	32.63 0.19 0.00	33.44 0.23 0.00	37.04 0.40 0.00	42.00 0.54 0.00	49.87 0.79 0.00	60.68 1.19 0.00	56.20 1.32 0.00	45.16 1.06 0.00	39.52 0.89 0.00	37.39 0.84 0.00	33.66 0.60 0.00
BORALEX_4TH_BRANCH 23824	35.90 1.45 0.00	30.61 1.23 0.00	29.46 1.16 0.00	28.32 1.06 0.00	29.56 1.05 0.00	31.93 1.17 0.00	39.48 1.81 0.00	43.32 2.14 0.00	38.79 1.74 0.00	33.67 1.54 0.00	31.72 1.25 0.00	33.36 1.22 0.00	33.56 1.29 0.00	33.73 1.30 0.00	34.57 1.36 0.00	38.06 1.43 0.00	43.37 1.91 0.00	51.44 2.36 0.00	62.11 2.62 0.00	57.19 2.31 0.00	45.96 1.85 0.00	40.33 1.70 0.00	38.08 1.54 0.00	34.32 1.26 0.00
BOWLINE___1 23526	35.93 1.48 0.00	30.64 1.26 0.00	29.43 1.13 0.00	28.37 1.12 0.00	29.59 1.08 0.00	31.74 0.98 0.00	39.14 1.47 0.00	42.91 1.73 0.00	38.72 1.67 0.00	33.61 1.48 0.00	31.97 1.49 0.00	33.69 1.54 0.00	33.85 1.58 0.00	34.02 1.59 0.00	34.83 1.63 0.00	38.24 1.61 0.00	43.33 1.87 0.00	50.85 1.76 0.00	61.63 2.14 0.00	56.69 1.81 0.00	45.65 1.54 0.00	40.18 1.55 0.00	37.97 1.42 0.00	34.32 1.26 0.00
BOWLINE___2 23595	35.89 1.45 0.00	30.61 1.23 0.00	29.43 1.13 0.00	28.37 1.12 0.00	29.59 1.08 0.00	31.74 0.98 0.00	39.14 1.47 0.00	42.87 1.69 0.00	38.68 1.63 0.00	33.58 1.45 0.00	31.97 1.49 0.00	33.65 1.51 0.00	33.85 1.58 0.00	33.99 1.56 0.00	34.83 1.63 0.00	38.24 1.61 0.00	43.33 1.87 0.00	50.85 1.76 0.00	61.58 2.08 0.00	56.69 1.81 0.00	45.60 1.50 0.00	40.18 1.55 0.00	37.97 1.42 0.00	34.28 1.22 0.00
BRADY___115KV_TB2 356060	35.10 0.65 0.00	30.00 0.62 0.00	28.87 0.57 0.00	27.72 0.46 0.00	29.02 0.51 0.00	31.41 0.65 0.00	38.69 1.02 0.00	42.21 1.03 0.00	37.90 0.85 0.00	32.81 0.67 0.00	31.02 0.55 0.00	32.85 0.71 0.00	32.95 0.68 0.00	33.11 0.68 0.00	33.84 0.63 0.00	37.37 0.73 0.00	42.50 1.04 0.00	50.61 1.52 0.00	61.70 2.20 0.00	57.14 2.25 0.00	45.78 1.68 0.00	39.90 1.27 0.00	37.68 1.13 0.00	34.02 0.96 0.00
BRANSCOMB___SOLAR 323811	35.69 1.24 0.00	30.47 1.09 0.00	29.32 1.02 0.00	28.18 0.93 0.00	29.48 0.97 0.00	31.81 1.05 0.00	39.06 1.39 0.00	42.83 1.65 0.00	38.27 1.22 0.00	33.00 0.87 0.00	31.02 0.55 0.00	32.63 0.48 0.00	32.82 0.55 0.00	32.98 0.55 0.00	33.97 0.76 0.00	37.44 0.80 0.00	42.71 1.24 0.00	50.61 1.52 0.00	61.58 2.08 0.00	56.69 1.81 0.00	45.60 1.50 0.00	39.94 1.31 0.00	37.72 1.17 0.00	34.15 1.09 0.00
BRDGHMPT_69_KV_BK1 55812	36.21 1.76 0.00	30.82 1.44 0.00	29.71 1.41 0.00	28.62 1.36 0.00	29.90 1.40 0.00	31.99 1.23 0.00	39.67 2.00 0.00	42.91 1.73 0.00	39.20 2.15 0.00	34.06 1.93 0.00	32.88 2.41 0.00	34.52 2.38 0.00	34.69 2.42 0.00	34.93 2.50 0.00	35.90 2.69 -0.01	38.68 2.05 0.00	43.37 1.91 0.00	51.44 2.31 -0.04	61.52 2.02 0.00	56.48 1.59 0.00	45.11 1.01 0.01	39.67 1.04 0.01	37.50 0.95 0.00	34.09 1.02 0.00



BRENTWOD_69_KV_W. BRTWOOD 56703	36.14 1.69 0.00	30.76 1.38 0.00	29.63 1.33 0.00	28.48 1.23 0.00	29.76 1.25 0.00	31.81 1.05 0.00	39.44 1.77 0.00	42.58 1.40 0.00	38.90 1.85 0.00	33.84 1.70 0.00	32.58 2.10 0.00	34.26 2.12 0.00	34.46 2.19 0.00	34.73 2.30 0.00	35.67 2.46 -0.01	38.43 1.80 0.00	43.16 1.70 0.00	50.86 1.77 0.00	61.22 1.73 0.00	56.31 1.43 0.00	45.11 1.01 0.01	39.74 1.12 0.01	37.76 1.21 0.00	34.28 1.22 0.00
BRISTLHL_115KV_TB1 79998	33.93 -0.52 0.00	28.91 -0.47 0.00	27.88 -0.42 0.00	26.85 -0.41 0.00	28.11 -0.40 0.00	30.36 -0.40 0.00	36.92 -0.75 0.00	40.32 -0.86 0.00	36.27 -0.78 0.00	31.43 -0.71 0.00	29.84 -0.64 0.00	31.47 -0.68 0.00	31.53 -0.74 0.00	31.69 -0.75 0.00	32.44 -0.76 0.00	35.86 -0.77 0.00	40.51 -0.95 0.00	48.01 -1.08 0.00	58.31 -1.19 0.00	53.84 -1.04 0.00	43.22 -0.88 0.00	37.82 -0.81 0.00	35.82 -0.73 0.00	32.47 -0.60 0.00
BROOKHAVEN___DRP 24191	35.90 1.45 0.00	30.56 1.18 0.00	29.43 1.13 0.00	28.32 1.06 0.00	29.56 1.05 0.00	31.62 0.86 0.00	39.21 1.54 0.00	42.38 1.19 0.00	38.71 1.67 0.00	33.67 1.54 0.00	32.46 1.98 0.00	34.10 1.96 0.00	34.30 2.03 0.00	34.57 2.14 0.00	35.54 2.32 -0.01	38.32 1.69 0.00	43.04 1.58 0.00	50.99 1.87 -0.04	60.98 1.49 0.00	56.04 1.15 0.00	44.93 0.84 0.01	39.55 0.93 0.01	37.50 0.95 0.00	34.05 0.99 0.00
BROOKLYN_NAVY_YARD 23515	36.17 1.72 0.00	30.82 1.44 0.00	29.63 1.33 0.00	28.54 1.28 0.00	29.76 1.25 0.00	31.93 1.17 0.00	39.40 1.73 0.00	43.16 1.98 0.00	39.08 2.04 0.00	33.93 1.80 0.00	32.27 1.80 0.00	34.01 1.86 0.00	34.21 1.94 0.00	34.38 1.95 0.00	35.23 2.03 0.00	38.68 2.05 0.00	43.70 2.24 0.00	51.00 1.91 0.00	61.76 2.26 0.00	56.81 1.92 0.00	45.87 1.77 0.00	40.45 1.82 0.00	38.30 1.75 0.00	34.55 1.49 0.00
BROOKLYN___ARMY_DRP 323595	36.52 2.07 -0.01	31.11 1.73 0.00	29.88 1.58 0.00	28.75 1.50 0.00	29.99 1.48 0.00	32.05 1.29 0.00	39.55 1.88 0.00	42.91 1.73 0.00	39.09 2.04 0.00	33.93 1.80 0.00	32.27 1.80 0.00	34.07 1.93 0.00	34.30 2.03 0.00	34.47 2.04 0.00	35.36 2.16 0.00	38.79 2.16 0.00	43.45 1.99 0.00	50.71 1.62 0.00	61.27 1.78 0.01	56.42 1.54 0.01	45.56 1.46 0.00	40.33 1.70 0.00	38.52 1.97 0.00	34.75 1.69 0.00
BROOME_2_LFGE 323671	34.41 -0.03 0.00	29.32 -0.06 0.00	28.27 -0.03 0.00	27.31 0.05 0.00	28.59 0.09 0.00	30.82 0.06 0.00	37.44 -0.22 0.00	40.90 -0.29 0.00	36.86 -0.18 0.00	31.94 -0.19 0.00	30.44 -0.03 0.00	32.08 -0.06 0.00	32.14 -0.13 0.00	32.27 -0.16 0.00	32.94 -0.27 0.00	36.41 -0.22 0.00	41.09 -0.37 0.00	48.84 -0.24 0.00	59.26 -0.24 0.00	54.67 -0.22 0.00	43.84 -0.26 0.00	38.40 -0.23 0.00	36.48 -0.07 0.00	33.13 0.07 0.00
BROOME___LFGE 323600	34.41 -0.03 0.00	29.32 -0.06 0.00	28.27 -0.03 0.00	27.31 0.05 0.00	28.59 0.09 0.00	30.82 0.06 0.00	37.44 -0.22 0.00	40.90 -0.29 0.00	36.86 -0.18 0.00	31.94 -0.19 0.00	30.44 -0.03 0.00	32.08 -0.06 0.00	32.14 -0.13 0.00	32.27 -0.16 0.00	32.94 -0.27 0.00	36.41 -0.22 0.00	41.09 -0.37 0.00	48.84 -0.24 0.00	59.26 -0.24 0.00	54.67 -0.22 0.00	43.84 -0.26 0.00	38.40 -0.23 0.00	36.48 -0.07 0.00	33.13 0.07 0.00
BROWNFLS_115KV_TB_3_5 80003	34.79 0.34 0.00	29.73 0.35 0.00	28.64 0.34 0.00	27.47 0.22 0.00	28.79 0.29 0.00	31.10 0.34 0.00	38.27 0.60 0.00	41.80 0.62 0.00	37.46 0.41 0.00	32.29 0.16 0.00	30.44 -0.03 0.00	32.27 0.13 0.00	32.46 0.19 0.00	32.72 0.29 0.00	33.51 0.30 0.00	37.04 0.40 0.00	42.04 0.58 0.00	50.07 0.98 0.00	61.10 1.61 0.00	56.70 1.81 0.00	45.47 1.37 0.00	39.79 1.16 0.00	37.61 1.06 0.00	33.82 0.76 0.00
BROWNSV1_27_KV_LOAD 356125	36.41 1.96 0.00	31.06 1.67 0.00	29.83 1.53 0.00	28.73 1.47 0.00	29.96 1.45 0.00	32.14 1.38 0.00	39.70 2.03 0.00	43.45 2.27 0.00	39.31 2.26 0.00	34.16 2.02 0.00	32.52 2.04 0.00	34.26 2.12 0.00	34.50 2.23 0.00	34.64 2.21 0.00	35.53 2.32 0.00	38.98 2.34 0.00	43.91 2.45 0.00	51.44 2.36 0.00	62.17 2.68 0.00	57.19 2.31 0.00	46.09 1.98 0.00	40.68 2.05 0.00	38.56 2.01 0.00	34.75 1.69 0.00
BURROWS___LYONSDAL 23803	34.76 0.31 0.00	29.70 0.32 0.00	28.61 0.31 0.00	27.47 0.22 0.00	28.82 0.31 0.00	31.07 0.31 0.00	38.12 0.45 0.00	41.68 0.49 0.00	37.31 0.26 0.00	32.10 -0.03 0.00	30.26 -0.21 0.00	32.05 -0.10 0.00	32.27 0.00 0.00	32.56 0.13 0.00	33.41 0.20 0.00	37.00 0.37 0.00	41.96 0.50 0.00	49.82 0.74 0.00	60.68 1.19 0.00	56.20 1.32 0.00	45.16 1.06 0.00	39.56 0.93 0.00	37.46 0.91 0.00	33.66 0.60 0.00
CAITHNESS_CC_1 323624	35.93 1.48 0.00	30.59 1.21 0.00	29.43 1.13 0.00	28.32 1.06 0.00	29.56 1.06 0.00	31.62 0.86 0.00	39.10 1.43 0.00	42.38 1.20 0.00	38.75 1.71 0.00	33.71 1.57 0.00	32.43 1.95 0.00	34.10 1.96 0.00	34.34 2.07 0.00	34.51 2.08 0.00	35.54 2.32 -0.01	38.32 1.69 0.00	43.16 1.70 0.00	50.99 1.86 -0.04	61.04 1.54 0.00	56.37 1.48 0.00	45.07 0.97 0.01	39.67 1.04 0.01	37.43 0.88 0.00	34.12 1.06 0.00
CALPINE BETH_PAGE_GT4 24209	36.00 1.55 0.00	30.67 1.29 0.00	29.55 1.25 0.00	28.43 1.17 0.00	29.68 1.17 0.00	31.74 0.98 0.00	39.25 1.58 0.00	42.50 1.32 0.00	38.79 1.74 0.00	33.80 1.67 0.00	32.52 2.04 0.00	34.20 2.06 0.00	34.43 2.16 0.00	34.67 2.24 0.00	35.61 2.39 -0.01	38.39 1.76 0.00	43.16 1.70 0.00	50.90 1.82 0.00	61.22 1.73 0.00	56.31 1.43 0.00	45.16 1.06 0.01	39.82 1.20 0.01	37.76 1.21 0.00	34.28 1.22 0.00
CALPINE_BETH_PAGE_GT_4 323586	36.00 1.55 0.00	30.67 1.29 0.00	29.54 1.24 0.00	28.43 1.17 0.00	29.68 1.17 0.00	31.74 0.98 0.00	39.14 1.47 0.00	42.50 1.32 0.00	38.79 1.74 0.00	33.80 1.67 0.00	32.49 2.01 0.00	34.20 2.06 0.00	34.43 2.16 0.00	34.60 2.17 0.00	35.61 2.39 -0.01	38.39 1.76 0.00	43.29 1.82 0.00	50.95 1.86 0.00	61.34 1.85 0.00	56.53 1.65 0.00	45.29 1.19 0.01	39.86 1.24 0.01	37.64 1.10 0.00	34.32 1.26 0.00
CALPINE_BP_GT1 23823	36.00 1.55 0.00	30.67 1.29 0.00	29.54 1.24 0.00	28.43 1.17 0.00	29.68 1.17 0.00	31.74 0.98 0.00	39.14 1.47 0.00	42.50 1.32 0.00	38.79 1.74 0.00	33.80 1.67 0.00	32.49 2.01 0.00	34.20 2.06 0.00	34.43 2.16 0.00	34.60 2.17 0.00	35.61 2.39 -0.01	38.39 1.76 0.00	43.29 1.82 0.00	50.95 1.86 0.00	61.34 1.85 0.00	56.53 1.65 0.00	45.29 1.19 0.01	39.86 1.24 0.01	37.64 1.10 0.00	34.32 1.26 0.00
CALSPAN___DRP 24200	33.04 -1.41 0.00	28.09 -1.29 0.00	27.34 -0.96 0.00	26.63 -0.63 0.00	28.02 -0.48 0.00	30.21 -0.55 0.00	35.37 -2.30 0.00	38.67 -2.51 0.00	35.16 -1.89 0.00	30.75 -1.38 0.00	29.77 -0.70 0.00	31.31 -0.84 0.00	31.20 -1.06 0.00	31.26 -1.17 0.00	31.68 -1.53 0.00	35.13 -1.50 0.00	38.64 -2.82 0.00	45.95 -3.14 0.00	56.04 -3.45 0.00	51.65 -3.24 0.00	41.33 -2.78 0.00	36.04 -2.59 0.00	34.83 -1.72 0.00	32.43 -0.63 0.00

CALVERTON___SOLAR 323806	35.93 1.48 0.00	30.56 1.18 0.00	29.43 1.13 0.00	28.32 1.06 0.00	29.59 1.08 0.00	31.65 0.89 0.00	39.10 1.43 0.00	42.42 1.23 0.00	38.75 1.71 0.00	33.67 1.54 0.00	32.43 1.95 0.00	34.10 1.96 0.00	34.34 2.07 0.00	34.51 2.08 0.00	35.54 2.32 -0.01	38.32 1.69 0.00	43.16 1.70 0.00	51.04 1.91 -0.04	61.10 1.61 0.00	56.42 1.53 0.00	45.07 0.97 0.01	39.67 1.04 0.01	37.39 0.84 0.00	34.09 1.03 0.00
CANDIGU_WT_PWR 323617	33.14 -1.31 0.00	28.23 -1.15 0.00	27.39 -0.91 0.00	26.63 -0.63 0.00	27.97 -0.54 0.00	30.17 -0.59 0.00	36.12 -1.55 0.00	39.41 -1.77 0.00	35.53 -1.52 0.00	30.85 -1.29 0.00	29.62 -0.85 0.00	31.15 -1.00 0.00	31.17 -1.10 0.00	31.33 -1.10 0.00	31.84 -1.36 0.00	35.35 -1.28 0.00	39.56 -1.91 0.00	47.57 -1.52 0.00	57.95 -1.55 0.00	53.29 -1.59 0.00	42.52 -1.59 0.00	37.20 -1.43 0.00	35.64 -0.91 0.00	32.60 -0.46 0.00
CARR STREET_E_SYR 24060	34.07 -0.38 0.00	29.03 -0.35 0.00	27.99 -0.31 0.00	26.98 -0.27 0.00	28.22 -0.29 0.00	30.48 -0.28 0.00	37.11 -0.56 0.00	40.48 -0.70 0.00	36.42 -0.63 0.00	31.55 -0.58 0.00	29.99 -0.49 0.00	31.63 -0.52 0.00	31.72 -0.55 0.00	31.88 -0.55 0.00	32.61 -0.60 0.00	36.05 -0.59 0.00	40.72 -0.75 0.00	48.15 -0.93 0.00	58.43 -1.07 0.00	53.95 -0.93 0.00	43.31 -0.79 0.00	38.01 -0.62 0.00	36.04 -0.51 0.00	32.63 -0.43 0.00
CARTHAGE___PAPER 23857	34.86 0.41 0.00	29.82 0.44 0.00	28.70 0.40 0.00	27.50 0.24 0.00	28.91 0.40 0.00	31.13 0.37 0.00	38.27 0.60 0.00	41.80 0.62 0.00	37.34 0.30 0.00	32.00 -0.13 0.00	30.11 -0.36 0.00	31.89 -0.26 0.00	32.14 -0.13 0.00	32.43 0.00 0.00	33.24 0.03 0.00	36.89 0.26 0.00	41.96 0.50 0.00	50.02 0.93 0.00	61.16 1.66 0.00	56.81 1.92 0.00	45.65 1.54 0.00	39.94 1.31 0.00	37.75 1.20 0.00	33.85 0.79 0.00
CASSADAGA_WT_PWR 323784	32.17 -2.27 0.00	27.44 -1.94 0.00	26.69 -1.61 0.00	26.03 -1.23 0.00	27.45 -1.05 0.00	29.71 -1.05 0.00	35.33 -2.34 0.00	38.71 -2.47 0.00	35.23 -1.81 0.00	30.85 -1.29 0.00	29.90 -0.58 0.00	31.53 -0.61 0.00	31.43 -0.84 0.00	31.59 -0.84 0.00	31.91 -1.30 0.00	35.61 -1.03 0.00	39.39 -2.07 0.00	47.52 -1.57 0.00	57.77 -1.73 0.00	53.08 -1.81 0.00	42.16 -1.94 0.00	36.93 -1.70 0.00	35.78 -0.77 0.00	32.79 -0.27 0.00
CE_DUNWOOD___DRP 24194	36.07 1.62 0.00	30.76 1.38 0.00	29.55 1.25 0.00	28.45 1.20 0.00	29.71 1.20 0.00	31.87 1.11 0.00	39.36 1.70 0.00	43.08 1.89 0.00	38.90 1.85 0.00	33.77 1.64 0.00	32.15 1.68 0.00	33.88 1.74 0.00	34.08 1.81 0.00	34.25 1.82 0.00	35.10 1.89 0.00	38.50 1.87 0.00	43.45 1.99 0.00	51.05 1.96 0.00	61.70 2.20 0.00	56.81 1.92 0.00	45.69 1.59 0.00	40.29 1.66 0.00	38.16 1.61 0.00	34.42 1.36 0.00
CE_MILLWOOD___DRP 24193	36.00 1.55 0.00	30.70 1.32 0.00	29.49 1.19 0.00	28.40 1.14 0.00	29.65 1.14 0.00	31.81 1.05 0.00	39.29 1.62 0.00	42.99 1.81 0.00	38.83 1.78 0.00	33.71 1.57 0.00	32.06 1.58 0.00	33.75 1.61 0.00	33.95 1.68 0.00	34.12 1.69 0.00	34.97 1.76 0.00	38.39 1.76 0.00	43.37 1.91 0.00	50.95 1.87 0.00	61.58 2.08 0.00	56.70 1.81 0.00	45.60 1.50 0.00	40.21 1.58 0.00	38.08 1.54 0.00	34.35 1.29 0.00
CE_NYC2_DRP 24202	36.39 1.93 -0.01	31.00 1.62 0.00	29.77 1.47 0.00	28.67 1.42 0.00	29.90 1.40 0.00	32.02 1.26 0.00	39.55 1.88 0.00	43.08 1.89 0.00	39.16 2.11 0.00	34.00 1.86 0.00	32.36 1.89 0.00	34.14 1.99 0.00	34.33 2.07 0.00	34.51 2.08 0.00	35.40 2.19 0.00	38.79 2.16 0.00	43.58 2.11 0.00	50.81 1.72 0.00	61.39 1.90 0.01	56.47 1.59 0.01	45.65 1.54 0.00	40.41 1.78 0.00	38.45 1.90 0.00	34.65 1.59 0.00
CE_NYC_DRP 24195	36.24 1.79 0.00	30.88 1.50 0.00	29.69 1.39 0.00	28.59 1.34 0.00	29.82 1.31 0.00	31.96 1.20 0.00	39.51 1.85 0.00	43.20 2.02 0.00	39.12 2.07 0.00	33.96 1.83 0.00	32.33 1.86 0.00	34.10 1.96 0.00	34.30 2.03 0.00	34.47 2.04 0.00	35.33 2.13 0.00	38.76 2.12 0.00	43.66 2.20 0.00	51.15 2.06 0.00	61.82 2.32 0.00	56.86 1.98 0.00	45.82 1.72 0.00	40.45 1.82 0.00	38.34 1.79 0.00	34.55 1.49 0.00
CHAFFEE___LFGE 323603	33.03 -1.41 0.00	28.09 -1.29 0.00	27.31 -0.99 0.00	26.63 -0.63 0.00	28.02 -0.48 0.00	30.21 -0.55 0.00	35.67 -2.00 0.00	38.71 -2.47 0.00	35.20 -1.85 0.00	30.78 -1.35 0.00	29.83 -0.64 0.00	31.37 -0.77 0.00	31.27 -1.00 0.00	31.36 -1.07 0.00	31.68 -1.53 0.00	35.17 -1.47 0.00	38.77 -2.69 0.00	46.59 -2.50 0.00	56.52 -2.97 0.00	51.98 -2.91 0.00	41.37 -2.73 0.00	36.31 -2.32 0.00	35.24 -1.31 0.00	32.43 -0.63 0.00
CHATEAUG_35_KV_LOAD 355732	34.24 -0.21 0.00	29.20 -0.18 0.00	28.10 -0.20 0.00	27.06 -0.19 0.00	28.31 -0.20 0.00	30.73 -0.03 0.00	37.93 0.26 0.00	41.59 0.41 0.00	37.57 0.52 0.00	32.71 0.58 0.00	30.99 0.52 0.00	32.82 0.68 0.00	32.91 0.65 0.00	33.05 0.62 0.00	33.77 0.56 0.00	37.22 0.59 0.00	42.25 0.79 0.00	50.17 1.08 0.00	60.92 1.43 0.00	56.26 1.37 0.00	45.03 0.93 0.00	39.29 0.66 0.00	37.10 0.55 0.00	33.49 0.43 0.00
CHATEAUG_WT_PWR 323614	34.21 -0.24 0.00	29.18 -0.20 0.00	28.07 -0.23 0.00	27.04 -0.22 0.00	28.28 -0.23 0.00	30.70 -0.06 0.00	37.86 0.19 0.00	41.51 0.33 0.00	37.49 0.45 0.00	32.68 0.55 0.00	30.96 0.49 0.00	32.75 0.61 0.00	32.85 0.58 0.00	33.02 0.58 0.00	33.71 0.50 0.00	37.18 0.55 0.00	42.17 0.70 0.00	50.02 0.93 0.00	60.68 1.19 0.00	56.04 1.15 0.00	44.90 0.79 0.00	39.17 0.54 0.00	36.99 0.44 0.00	33.39 0.33 0.00
CHAT_HIGH_FALL_HYD 323578	34.24 -0.21 0.00	29.20 -0.18 0.00	28.10 -0.20 0.00	27.06 -0.19 0.00	28.31 -0.20 0.00	30.73 -0.03 0.00	37.93 0.26 0.00	41.59 0.41 0.00	37.57 0.52 0.00	32.71 0.58 0.00	30.99 0.52 0.00	32.82 0.68 0.00	32.91 0.65 0.00	33.05 0.62 0.00	33.77 0.56 0.00	37.22 0.59 0.00	42.25 0.79 0.00	50.17 1.08 0.00	60.92 1.43 0.00	56.26 1.37 0.00	45.03 0.93 0.00	39.29 0.66 0.00	37.10 0.55 0.00	33.49 0.43 0.00
CHAUTAUQUA___LFGE 323629	32.80 -1.65 0.00	27.91 -1.47 0.00	27.11 -1.19 0.00	26.44 -0.82 0.00	27.85 -0.65 0.00	30.05 -0.71 0.00	35.60 -2.07 0.00	38.84 -2.35 0.00	35.31 -1.74 0.00	30.91 -1.22 0.00	29.99 -0.49 0.00	31.57 -0.58 0.00	31.46 -0.81 0.00	31.59 -0.84 0.00	31.88 -1.33 0.00	35.46 -1.17 0.00	39.18 -2.28 0.00	47.17 -1.92 0.00	57.23 -2.26 0.00	52.63 -2.25 0.00	41.90 -2.20 0.00	36.74 -1.89 0.00	35.60 -0.95 0.00	32.70 -0.36 0.00
CHERRYST_13_KV_LD 356241	36.31 1.86 0.00	30.97 1.59 0.00	29.74 1.44 0.00	28.64 1.39 0.00	29.88 1.37 0.00	32.05 1.29 0.00	39.59 1.92 0.00	43.28 2.10 0.00	39.20 2.15 0.00	34.06 1.93 0.00	32.43 1.95 0.00	34.17 2.03 0.00	34.40 2.13 0.00	34.54 2.11 0.00	35.43 2.22 0.00	38.87 2.23 0.00	43.79 2.32 0.00	51.30 2.21 0.00	61.93 2.44 0.00	57.03 2.14 0.00	45.96 1.85 0.00	40.56 1.93 0.00	38.45 1.90 0.00	34.65 1.59 0.00

CHESTROR_138KV_BK263 355645	35.86 1.41 0.00	30.56 1.18 0.00	29.38 1.08 0.00	28.32 1.06 0.00	29.53 1.03 0.00	31.71 0.95 0.00	39.14 1.47 0.00	42.79 1.61 0.00	38.57 1.52 0.00	33.45 1.32 0.00	31.82 1.34 0.00	33.49 1.35 0.00	33.69 1.42 0.00	33.86 1.43 0.00	34.70 1.49 0.00	38.10 1.47 0.00	43.08 1.62 0.00	50.76 1.67 0.00	61.46 1.96 0.00	56.59 1.70 0.00	45.47 1.37 0.00	40.06 1.43 0.00	37.90 1.35 0.00	34.18 1.12 0.00
CH_MIDHUDSON___DRP 24192	35.93 1.48 0.00	30.61 1.23 0.00	29.43 1.13 0.00	28.37 1.12 0.00	29.59 1.08 0.00	31.81 1.05 0.00	39.29 1.62 0.00	42.95 1.77 0.00	38.71 1.67 0.00	33.58 1.45 0.00	31.88 1.40 0.00	33.56 1.41 0.00	33.79 1.52 0.00	33.96 1.52 0.00	34.80 1.59 0.00	38.24 1.61 0.00	43.29 1.82 0.00	50.95 1.87 0.00	61.64 2.14 0.00	56.81 1.92 0.00	45.65 1.54 0.00	40.18 1.55 0.00	38.01 1.46 0.00	34.28 1.22 0.00
CH_MISC_IPPS 23765	36.10 1.65 0.00	30.76 1.38 0.00	29.57 1.27 0.00	28.51 1.25 0.00	29.73 1.22 0.00	31.93 1.17 0.00	39.40 1.73 0.00	43.12 1.94 0.00	38.83 1.78 0.00	33.71 1.57 0.00	31.97 1.49 0.00	33.65 1.51 0.00	33.88 1.61 0.00	34.08 1.65 0.00	34.97 1.76 0.00	38.43 1.79 0.00	43.54 2.07 0.00	51.20 2.11 0.00	62.11 2.61 0.00	57.19 2.30 0.00	45.96 1.85 0.00	40.41 1.78 0.00	38.16 1.61 0.00	34.45 1.39 0.00
CH_RES_BVR_FALLS 23983	33.55 -0.90 0.00	28.67 -0.71 0.00	27.62 -0.68 0.00	26.60 -0.65 0.00	27.88 -0.63 0.00	30.14 -0.61 0.00	37.06 -0.60 0.00	40.61 -0.58 0.00	36.68 -0.37 0.00	31.97 -0.16 0.00	30.38 -0.09 0.00	32.14 0.00 0.00	32.30 0.03 0.00	32.50 0.06 0.00	33.24 0.03 0.00	36.67 0.04 0.00	41.59 0.12 0.00	49.24 0.15 0.00	59.67 0.18 0.00	55.00 0.11 0.00	44.10 0.00 0.00	38.55 -0.08 0.00	36.40 -0.15 0.00	32.86 -0.20 0.00
CH_RES_NIAGARA 23895	32.48 -1.96 0.00	27.53 -1.85 0.00	26.80 -1.50 0.00	26.11 -1.14 0.00	27.45 -1.05 0.00	29.59 -1.17 0.00	34.47 -3.20 0.00	37.56 -3.62 0.00	34.31 -2.74 0.00	30.01 -2.12 0.00	29.13 -1.34 0.00	30.57 -1.58 0.00	30.46 -1.81 0.00	30.49 -1.95 0.00	30.92 -2.29 0.00	34.21 -2.42 0.00	37.48 -3.98 0.00	44.38 -4.71 0.00	54.08 -5.41 0.00	49.78 -5.10 0.00	39.96 -4.15 0.00	34.92 -3.71 0.00	33.88 -2.67 0.00	31.61 -1.45 0.00
CH_RES_SYRACUSE 23985	34.24 -0.21 0.00	29.18 -0.20 0.00	28.13 -0.17 0.00	27.09 -0.16 0.00	28.37 -0.14 0.00	30.64 -0.12 0.00	37.29 -0.38 0.00	40.69 -0.49 0.00	36.64 -0.41 0.00	31.71 -0.42 0.00	30.14 -0.33 0.00	31.79 -0.35 0.00	31.88 -0.39 0.00	32.04 -0.39 0.00	32.77 -0.43 0.00	36.27 -0.37 0.00	40.97 -0.50 0.00	48.55 -0.54 0.00	58.96 -0.54 0.00	54.45 -0.44 0.00	43.71 -0.40 0.00	38.24 -0.39 0.00	36.22 -0.33 0.00	32.79 -0.27 0.00
CLINTON_WT_PWR 323605	34.21 -0.24 0.00	29.18 -0.20 0.00	28.07 -0.23 0.00	27.04 -0.22 0.00	28.28 -0.23 0.00	30.70 -0.06 0.00	37.86 0.19 0.00	41.51 0.33 0.00	37.49 0.45 0.00	32.68 0.55 0.00	30.96 0.49 0.00	32.75 0.61 0.00	32.85 0.58 0.00	33.02 0.58 0.00	33.71 0.50 0.00	37.18 0.55 0.00	42.17 0.70 0.00	50.02 0.93 0.00	60.68 1.19 0.00	56.04 1.15 0.00	44.90 0.79 0.00	39.17 0.54 0.00	36.99 0.44 0.00	33.39 0.33 0.00
CLINTON___LFGE 323618	34.41 -0.03 0.00	29.35 -0.03 0.00	28.24 -0.06 0.00	27.20 -0.05 0.00	28.48 -0.03 0.00	30.98 0.22 0.00	38.35 0.68 0.00	42.09 0.90 0.00	38.08 1.04 0.00	33.26 1.12 0.00	31.48 1.00 0.00	33.40 1.25 0.00	33.46 1.19 0.00	33.60 1.17 0.00	34.24 1.03 0.00	37.73 1.10 0.00	42.87 1.41 0.00	51.00 1.91 0.00	61.94 2.44 0.00	57.24 2.36 0.00	45.69 1.59 0.00	39.79 1.16 0.00	37.54 0.99 0.00	33.89 0.83 0.00
COBBLENY_34_KV_TB1 80064	33.04 -1.41 0.00	28.09 -1.29 0.00	27.31 -0.99 0.00	26.63 -0.63 0.00	28.02 -0.48 0.00	30.21 -0.55 0.00	35.41 -2.26 0.00	38.71 -2.47 0.00	35.20 -1.85 0.00	30.78 -1.35 0.00	29.80 -0.67 0.00	31.37 -0.77 0.00	31.24 -1.03 0.00	31.30 -1.14 0.00	31.68 -1.53 0.00	35.17 -1.47 0.00	38.69 -2.78 0.00	46.04 -3.04 0.00	56.16 -3.33 0.00	51.76 -3.13 0.00	41.37 -2.73 0.00	36.08 -2.55 0.00	34.83 -1.72 0.00	32.43 -0.63 0.00
COFFEEN___115KV_TB3 355620	35.28 0.83 0.00	30.14 0.76 0.00	29.06 0.76 0.00	27.83 0.57 0.00	29.25 0.74 0.00	31.50 0.74 0.00	38.65 0.98 0.00	42.21 1.03 0.00	37.64 0.59 0.00	32.16 0.03 0.00	30.20 -0.27 0.00	31.95 -0.19 0.00	32.14 -0.13 0.00	32.40 -0.03 0.00	33.24 0.03 0.00	37.00 0.37 0.00	42.13 0.66 0.00	50.27 1.18 0.00	61.64 2.14 0.00	57.36 2.47 0.00	46.09 1.98 0.00	40.29 1.66 0.00	37.97 1.43 0.00	34.12 1.06 0.00
COLDSPRG_115KV_BK1 355956	32.83 -1.62 0.00	27.97 -1.41 0.00	27.17 -1.13 0.00	26.49 -0.76 0.00	27.91 -0.60 0.00	30.14 -0.62 0.00	35.71 -1.96 0.00	39.25 -1.94 0.00	35.60 -1.44 0.00	31.17 -0.96 0.00	30.17 -0.30 0.00	31.82 -0.32 0.00	31.62 -0.65 0.00	31.69 -0.75 0.00	32.01 -1.20 0.00	35.68 -0.95 0.00	39.39 -2.07 0.00	47.08 -2.01 0.00	57.53 -1.96 0.00	53.02 -1.87 0.00	42.30 -1.81 0.00	36.81 -1.82 0.00	35.45 -1.10 0.00	32.80 -0.26 0.00
COLONIE_LFGE___ 323577	35.52 1.07 0.00	30.29 0.91 0.00	29.15 0.85 0.00	28.05 0.79 0.00	29.28 0.77 0.00	31.59 0.83 0.00	38.91 1.24 0.00	42.66 1.48 0.00	38.23 1.19 0.00	33.10 0.96 0.00	31.24 0.76 0.00	32.88 0.74 0.00	33.04 0.77 0.00	33.21 0.78 0.00	34.10 0.90 0.00	37.58 0.95 0.00	42.75 1.29 0.00	50.56 1.47 0.00	61.28 1.78 0.00	56.42 1.53 0.00	45.38 1.28 0.00	39.79 1.16 0.00	37.57 1.02 0.00	33.95 0.89 0.00
COOPERNY_115KV_TB1 80082	35.65 1.21 0.00	30.41 1.03 0.00	29.23 0.93 0.00	28.18 0.93 0.00	29.42 0.91 0.00	31.59 0.83 0.00	38.91 1.24 0.00	42.58 1.40 0.00	38.38 1.33 0.00	33.26 1.12 0.00	31.63 1.16 0.00	33.33 1.19 0.00	33.50 1.23 0.00	33.66 1.23 0.00	34.47 1.26 0.00	37.91 1.28 0.00	42.87 1.41 0.00	50.51 1.42 0.00	61.16 1.67 0.00	56.37 1.48 0.00	45.34 1.23 0.00	39.87 1.24 0.00	37.76 1.21 0.00	34.09 1.02 0.00
COPENHAGEN_WT_PWR 323753	34.97 0.52 0.00	29.91 0.53 0.00	28.81 0.51 0.00	27.61 0.35 0.00	28.99 0.48 0.00	31.25 0.49 0.00	38.31 0.64 0.00	41.84 0.66 0.00	37.38 0.33 0.00	32.00 -0.13 0.00	30.11 -0.36 0.00	31.85 -0.29 0.00	32.04 -0.22 0.00	32.30 -0.13 0.00	33.14 -0.07 0.00	36.82 0.18 0.00	41.84 0.37 0.00	49.87 0.78 0.00	61.04 1.54 0.00	56.69 1.81 0.00	45.56 1.45 0.00	39.87 1.24 0.00	37.64 1.10 0.00	33.82 0.76 0.00
CORNELL_____ 23752	34.76 0.31 0.00	29.62 0.24 0.00	28.55 0.25 0.00	27.53 0.27 0.00	28.82 0.31 0.00	31.16 0.40 0.00	37.86 0.19 0.00	41.39 0.21 0.00	37.23 0.19 0.00	32.13 0.00 0.00	30.51 0.03 0.00	32.18 0.03 0.00	32.24 -0.03 0.00	32.37 -0.06 0.00	33.14 -0.07 0.00	36.74 0.11 0.00	41.55 0.08 0.00	49.38 0.29 0.00	60.15 0.65 0.00	55.60 0.71 0.00	44.59 0.49 0.00	38.98 0.35 0.00	36.88 0.33 0.00	33.49 0.43 0.00

CORONA_V_69_KV_TB1 355595	36.14 1.69 0.00	30.76 1.38 0.00	29.60 1.30 0.00	28.48 1.23 0.00	29.73 1.23 0.00	31.81 1.05 0.00	39.33 1.66 0.00	42.62 1.44 0.00	38.90 1.85 0.00	33.87 1.74 0.00	32.55 2.07 0.00	34.20 2.06 0.00	34.43 2.16 0.00	34.67 2.24 0.00	35.58 2.36 -0.02	38.50 1.87 0.00	43.29 1.82 0.00	51.05 1.96 0.00	61.40 1.90 0.00	56.53 1.65 0.00	45.38 1.28 0.01	40.01 1.39 0.01	37.87 1.32 0.00	34.35 1.29 0.00
CORTLAND_115KV_TB3 80093	34.59 0.14 0.00	29.47 0.09 0.00	28.41 0.11 0.00	27.39 0.14 0.00	28.68 0.17 0.00	30.94 0.18 0.00	37.67 0.00 0.00	41.18 0.00 0.00	37.05 0.00 0.00	32.00 -0.13 0.00	30.41 -0.06 0.00	32.08 -0.06 0.00	32.14 -0.13 0.00	32.27 -0.16 0.00	33.04 -0.17 0.00	36.56 -0.07 0.00	41.34 -0.12 0.00	49.04 -0.05 0.00	59.61 0.12 0.00	55.11 0.22 0.00	44.24 0.13 0.00	38.67 0.04 0.00	36.62 0.07 0.00	33.23 0.17 0.00
COXSACKIE___GT 23611	35.89 1.45 0.00	30.59 1.21 0.00	29.49 1.19 0.00	28.40 1.14 0.00	29.62 1.11 0.00	31.93 1.17 0.00	39.40 1.73 0.00	42.91 1.73 0.00	38.20 1.15 0.00	32.87 0.74 0.00	30.84 0.37 0.00	32.40 0.26 0.00	32.62 0.36 0.00	32.85 0.42 0.00	33.80 0.60 0.00	37.44 0.80 0.00	42.54 1.08 0.00	50.56 1.47 0.00	61.76 2.26 0.00	56.86 1.97 0.00	45.47 1.37 0.00	39.83 1.20 0.00	37.50 0.95 0.00	33.95 0.89 0.00
CPV_VALLEY___CC1 323721	35.76 1.31 0.00	30.50 1.12 0.00	29.32 1.02 0.00	28.26 1.01 0.00	29.48 0.97 0.00	31.65 0.89 0.00	38.99 1.32 0.00	42.71 1.52 0.00	38.49 1.44 0.00	33.38 1.25 0.00	31.78 1.31 0.00	33.46 1.32 0.00	33.62 1.36 0.00	33.79 1.36 0.00	34.60 1.39 0.00	38.02 1.39 0.00	43.08 1.62 0.00	50.66 1.57 0.00	61.40 1.90 0.00	56.53 1.65 0.00	45.47 1.37 0.00	40.02 1.39 0.00	37.83 1.28 0.00	34.19 1.12 0.00
CPV_VALLEY___CC2 323722	35.76 1.31 0.00	30.50 1.12 0.00	29.32 1.02 0.00	28.26 1.01 0.00	29.48 0.97 0.00	31.65 0.89 0.00	38.99 1.32 0.00	42.71 1.52 0.00	38.49 1.44 0.00	33.38 1.25 0.00	31.78 1.31 0.00	33.46 1.32 0.00	33.62 1.36 0.00	33.79 1.36 0.00	34.60 1.39 0.00	38.02 1.39 0.00	43.08 1.62 0.00	50.66 1.57 0.00	61.40 1.90 0.00	56.53 1.65 0.00	45.47 1.37 0.00	40.02 1.39 0.00	37.83 1.28 0.00	34.19 1.12 0.00
CRESCENT___HYD 24018	35.52 1.07 0.00	30.29 0.91 0.00	29.15 0.85 0.00	28.05 0.79 0.00	29.28 0.77 0.00	31.59 0.83 0.00	38.91 1.24 0.00	42.66 1.48 0.00	38.23 1.19 0.00	33.10 0.96 0.00	31.24 0.76 0.00	32.88 0.74 0.00	33.04 0.77 0.00	33.21 0.78 0.00	34.10 0.90 0.00	37.58 0.95 0.00	42.75 1.29 0.00	50.56 1.47 0.00	61.28 1.78 0.00	56.42 1.53 0.00	45.38 1.28 0.00	39.79 1.16 0.00	37.57 1.02 0.00	33.95 0.89 0.00
CRICKET___VALLEY_CC1 323756	35.65 1.21 0.00	30.41 1.03 0.00	29.23 0.93 0.00	28.15 0.90 0.00	29.36 0.85 0.00	31.59 0.83 0.00	38.99 1.32 0.00	42.79 1.60 0.00	38.49 1.44 0.00	33.42 1.29 0.00	31.66 1.19 0.00	33.33 1.19 0.00	33.53 1.26 0.00	33.69 1.26 0.00	34.54 1.33 0.00	37.95 1.32 0.00	43.04 1.58 0.00	50.66 1.57 0.00	61.28 1.78 0.00	56.42 1.53 0.00	45.43 1.32 0.00	39.94 1.31 0.00	37.72 1.17 0.00	34.09 1.03 0.00
CRICKET___VALLEY_CC2 323757	35.65 1.21 0.00	30.41 1.03 0.00	29.23 0.93 0.00	28.15 0.90 0.00	29.36 0.85 0.00	31.59 0.83 0.00	38.99 1.32 0.00	42.79 1.60 0.00	38.49 1.44 0.00	33.42 1.29 0.00	31.66 1.19 0.00	33.33 1.19 0.00	33.53 1.26 0.00	33.69 1.26 0.00	34.54 1.33 0.00	37.95 1.32 0.00	43.04 1.58 0.00	50.66 1.57 0.00	61.28 1.78 0.00	56.42 1.53 0.00	45.43 1.32 0.00	39.94 1.31 0.00	37.72 1.17 0.00	34.09 1.03 0.00
CRICKET___VALLEY_CC3 323758	35.65 1.21 0.00	30.41 1.03 0.00	29.23 0.93 0.00	28.15 0.90 0.00	29.36 0.85 0.00	31.59 0.83 0.00	38.99 1.32 0.00	42.79 1.60 0.00	38.49 1.44 0.00	33.42 1.29 0.00	31.66 1.19 0.00	33.33 1.19 0.00	33.53 1.26 0.00	33.69 1.26 0.00	34.54 1.33 0.00	37.95 1.32 0.00	43.04 1.58 0.00	50.66 1.57 0.00	61.28 1.78 0.00	56.42 1.53 0.00	45.43 1.32 0.00	39.94 1.31 0.00	37.72 1.17 0.00	34.09 1.03 0.00
CRUCIBLE_METL_DRP 24180	34.24 -0.21 0.00	29.17 -0.21 0.00	28.13 -0.17 0.00	27.09 -0.16 0.00	28.37 -0.14 0.00	30.64 -0.12 0.00	37.25 -0.41 0.00	40.69 -0.49 0.00	36.64 -0.41 0.00	31.71 -0.42 0.00	30.14 -0.34 0.00	31.79 -0.35 0.00	31.88 -0.39 0.00	32.01 -0.42 0.00	32.77 -0.43 0.00	36.27 -0.37 0.00	40.92 -0.54 0.00	48.50 -0.59 0.00	58.90 -0.59 0.00	54.45 -0.44 0.00	43.71 -0.40 0.00	38.21 -0.42 0.00	36.18 -0.37 0.00	32.80 -0.26 0.00
DAHOWA___HYDRO 323763	35.76 1.31 0.00	30.50 1.12 0.00	29.35 1.05 0.00	28.21 0.95 0.00	29.51 1.00 0.00	31.84 1.08 0.00	39.14 1.47 0.00	42.87 1.69 0.00	38.27 1.22 0.00	33.03 0.90 0.00	31.02 0.55 0.00	32.63 0.48 0.00	32.82 0.55 0.00	32.98 0.55 0.00	33.97 0.76 0.00	37.48 0.84 0.00	42.75 1.29 0.00	50.71 1.62 0.00	61.70 2.20 0.00	56.75 1.87 0.00	45.69 1.59 0.00	39.98 1.35 0.00	37.75 1.20 0.00	34.19 1.12 0.00
DANC___LFGE 323619	34.55 0.10 0.00	29.50 0.12 0.00	28.44 0.14 0.00	27.31 0.05 0.00	28.65 0.14 0.00	30.88 0.12 0.00	37.78 0.11 0.00	41.27 0.08 0.00	36.94 -0.11 0.00	31.75 -0.38 0.00	29.99 -0.49 0.00	31.66 -0.48 0.00	31.82 -0.45 0.00	32.04 -0.39 0.00	32.84 -0.36 0.00	36.41 -0.22 0.00	41.26 -0.21 0.00	49.09 0.00 0.00	59.91 0.42 0.00	55.55 0.66 0.00	44.64 0.53 0.00	39.10 0.47 0.00	36.95 0.40 0.00	33.29 0.23 0.00
DANSKAMMER___1 23586	36.10 1.65 0.00	30.76 1.38 0.00	29.57 1.27 0.00	28.51 1.25 0.00	29.73 1.22 0.00	31.93 1.17 0.00	39.40 1.73 0.00	43.12 1.94 0.00	38.83 1.78 0.00	33.71 1.57 0.00	31.97 1.49 0.00	33.65 1.51 0.00	33.88 1.61 0.00	34.08 1.65 0.00	34.97 1.76 0.00	38.43 1.79 0.00	43.54 2.07 0.00	51.20 2.11 0.00	62.11 2.61 0.00	57.19 2.30 0.00	45.96 1.85 0.00	40.41 1.78 0.00	38.16 1.61 0.00	34.45 1.39 0.00
DANSKAMMER___2 23589	36.10 1.65 0.00	30.76 1.38 0.00	29.57 1.27 0.00	28.51 1.25 0.00	29.73 1.22 0.00	31.93 1.17 0.00	39.40 1.73 0.00	43.12 1.94 0.00	38.83 1.78 0.00	33.71 1.57 0.00	31.97 1.49 0.00	33.65 1.51 0.00	33.88 1.61 0.00	34.08 1.65 0.00	34.97 1.76 0.00	38.43 1.79 0.00	43.54 2.07 0.00	51.20 2.11 0.00	62.11 2.61 0.00	57.19 2.30 0.00	45.96 1.85 0.00	40.41 1.78 0.00	38.16 1.61 0.00	34.45 1.39 0.00
DANSKAMMER___3 23590	36.10 1.65 0.00	30.76 1.38 0.00	29.57 1.27 0.00	28.51 1.25 0.00	29.73 1.22 0.00	31.93 1.17 0.00	39.40 1.73 0.00	43.12 1.94 0.00	38.83 1.78 0.00	33.71 1.57 0.00	31.97 1.49 0.00	33.65 1.51 0.00	33.88 1.61 0.00	34.08 1.65 0.00	34.97 1.76 0.00	38.43 1.79 0.00	43.54 2.07 0.00	51.20 2.11 0.00	62.11 2.61 0.00	57.19 2.30 0.00	45.96 1.85 0.00	40.41 1.78 0.00	38.16 1.61 0.00	34.45 1.39 0.00

DANSKAMMER___4 23591	36.10 1.65 0.00	30.76 1.38 0.00	29.57 1.27 0.00	28.51 1.25 0.00	29.73 1.22 0.00	31.93 1.17 0.00	39.40 1.73 0.00	43.12 1.94 0.00	38.83 1.78 0.00	33.71 1.57 0.00	31.97 1.49 0.00	33.65 1.51 0.00	33.88 1.61 0.00	34.08 1.65 0.00	34.97 1.76 0.00	38.43 1.79 0.00	43.54 2.07 0.00	51.20 2.11 0.00	62.11 2.61 0.00	57.19 2.30 0.00	45.96 1.85 0.00	40.41 1.78 0.00	38.16 1.61 0.00	34.45 1.39 0.00
DANSKAMMER___DIESEL 23592	36.10 1.65 0.00	30.76 1.38 0.00	29.57 1.27 0.00	28.51 1.25 0.00	29.73 1.23 0.00	31.93 1.17 0.00	39.44 1.77 0.00	43.12 1.94 0.00	38.83 1.78 0.00	33.71 1.57 0.00	31.97 1.49 0.00	33.65 1.51 0.00	33.88 1.61 0.00	34.12 1.69 0.00	34.97 1.76 0.00	38.43 1.80 0.00	43.45 1.99 0.00	51.15 2.06 0.00	61.99 2.50 0.00	57.08 2.20 0.00	45.82 1.72 0.00	40.33 1.70 0.00	38.16 1.61 0.00	34.42 1.36 0.00
DARBY___SOLAR 323810	35.69 1.24 0.00	30.44 1.06 0.00	29.29 0.99 0.00	28.18 0.93 0.00	29.45 0.94 0.00	31.77 1.01 0.00	39.06 1.39 0.00	42.83 1.65 0.00	38.23 1.19 0.00	33.00 0.87 0.00	31.02 0.55 0.00	32.63 0.48 0.00	32.78 0.51 0.00	32.98 0.55 0.00	33.94 0.73 0.00	37.44 0.80 0.00	42.71 1.24 0.00	50.66 1.57 0.00	61.58 2.08 0.00	56.64 1.76 0.00	45.60 1.50 0.00	39.90 1.27 0.00	37.72 1.17 0.00	34.12 1.06 0.00
DASHVILLE___HYD 23610	35.86 1.41 0.00	30.53 1.15 0.00	29.38 1.08 0.00	28.32 1.06 0.00	29.53 1.03 0.00	31.68 0.92 0.00	39.14 1.47 0.00	42.71 1.52 0.00	38.46 1.41 0.00	33.35 1.22 0.00	31.63 1.16 0.00	33.30 1.16 0.00	33.53 1.26 0.00	33.76 1.33 0.00	34.57 1.36 0.00	38.02 1.39 0.00	43.00 1.53 0.00	50.71 1.62 0.00	61.40 1.90 0.00	56.59 1.70 0.00	45.43 1.32 0.00	39.98 1.35 0.00	37.83 1.28 0.00	34.15 1.09 0.00
DELAWARE___LFGE 323621	35.28 0.83 0.00	30.09 0.71 0.00	28.98 0.68 0.00	27.91 0.65 0.00	29.19 0.68 0.00	31.41 0.65 0.00	38.54 0.87 0.00	42.17 0.99 0.00	37.90 0.85 0.00	32.74 0.61 0.00	31.05 0.58 0.00	32.72 0.58 0.00	32.88 0.61 0.00	33.02 0.58 0.00	33.84 0.63 0.00	37.37 0.73 0.00	42.33 0.87 0.00	50.07 0.98 0.00	60.63 1.13 0.00	55.98 1.10 0.00	45.07 0.97 0.00	39.52 0.89 0.00	37.39 0.84 0.00	33.82 0.76 0.00
DERFIELD_115KV_TB7 355931	34.55 0.10 0.00	29.47 0.09 0.00	28.38 0.08 0.00	27.34 0.08 0.00	28.59 0.09 0.00	30.82 0.06 0.00	37.78 0.11 0.00	41.31 0.12 0.00	37.12 0.07 0.00	32.20 0.06 0.00	30.51 0.03 0.00	32.18 0.03 0.00	32.30 0.03 0.00	32.46 0.03 0.00	33.27 0.07 0.00	36.71 0.07 0.00	41.59 0.12 0.00	49.19 0.10 0.00	59.61 0.12 0.00	54.94 0.05 0.00	44.19 0.09 0.00	38.71 0.08 0.00	36.62 0.07 0.00	33.13 0.07 0.00
DOGLEVILLE___HYD 23807	35.34 0.90 0.00	30.20 0.82 0.00	29.09 0.79 0.00	27.96 0.71 0.00	29.28 0.77 0.00	31.56 0.80 0.00	38.69 1.02 0.00	42.25 1.07 0.00	37.97 0.93 0.00	32.90 0.77 0.00	31.21 0.73 0.00	32.88 0.74 0.00	33.04 0.77 0.00	33.21 0.78 0.00	34.04 0.83 0.00	37.55 0.92 0.00	42.46 1.00 0.00	50.17 1.08 0.00	60.68 1.19 0.00	55.87 0.99 0.00	44.85 0.75 0.00	39.33 0.70 0.00	37.17 0.62 0.00	33.56 0.50 0.00
DUNKIRK___115KV_TB_200 55889	32.86 -1.58 0.00	27.97 -1.41 0.00	27.17 -1.13 0.00	26.49 -0.76 0.00	27.88 -0.63 0.00	30.08 -0.68 0.00	35.45 -2.22 0.00	38.88 -2.31 0.00	35.34 -1.70 0.00	30.91 -1.22 0.00	29.96 -0.52 0.00	31.56 -0.58 0.00	31.43 -0.84 0.00	31.49 -0.94 0.00	31.88 -1.33 0.00	35.42 -1.21 0.00	39.06 -2.40 0.00	46.54 -2.55 0.00	56.82 -2.68 0.00	52.36 -2.52 0.00	41.85 -2.25 0.00	36.47 -2.16 0.00	35.20 -1.35 0.00	32.63 -0.43 0.00
DUNKIRK___1 23563	32.86 -1.58 0.00	27.97 -1.41 0.00	27.17 -1.13 0.00	26.49 -0.76 0.00	27.88 -0.63 0.00	30.08 -0.68 0.00	35.45 -2.22 0.00	38.88 -2.31 0.00	35.34 -1.70 0.00	30.91 -1.22 0.00	29.96 -0.52 0.00	31.56 -0.58 0.00	31.43 -0.84 0.00	31.49 -0.94 0.00	31.88 -1.33 0.00	35.42 -1.21 0.00	39.06 -2.40 0.00	46.54 -2.55 0.00	56.82 -2.68 0.00	52.36 -2.52 0.00	41.85 -2.25 0.00	36.47 -2.16 0.00	35.20 -1.35 0.00	32.63 -0.43 0.00
DUNKIRK___2 23564	32.86 -1.58 0.00	27.97 -1.41 0.00	27.17 -1.13 0.00	26.49 -0.76 0.00	27.88 -0.63 0.00	30.08 -0.68 0.00	35.45 -2.22 0.00	38.88 -2.31 0.00	35.34 -1.70 0.00	30.91 -1.22 0.00	29.96 -0.52 0.00	31.56 -0.58 0.00	31.43 -0.84 0.00	31.49 -0.94 0.00	31.88 -1.33 0.00	35.42 -1.21 0.00	39.06 -2.40 0.00	46.54 -2.55 0.00	56.82 -2.68 0.00	52.36 -2.52 0.00	41.85 -2.25 0.00	36.47 -2.16 0.00	35.20 -1.35 0.00	32.63 -0.43 0.00
DUNKIRK___3 23565	32.93 -1.52 0.00	28.03 -1.35 0.00	27.22 -1.08 0.00	26.52 -0.74 0.00	27.91 -0.60 0.00	30.08 -0.68 0.00	35.41 -2.26 0.00	38.79 -2.39 0.00	35.23 -1.82 0.00	30.81 -1.32 0.00	29.84 -0.64 0.00	31.40 -0.74 0.00	31.30 -0.97 0.00	31.33 -1.10 0.00	31.75 -1.46 0.00	35.24 -1.39 0.00	38.89 -2.57 0.00	46.29 -2.80 0.00	56.46 -3.03 0.00	52.03 -2.85 0.00	41.63 -2.47 0.00	36.27 -2.36 0.00	34.98 -1.57 0.00	32.50 -0.56 0.00
DUNKIRK___4 23566	32.93 -1.52 0.00	28.03 -1.35 0.00	27.22 -1.08 0.00	26.52 -0.74 0.00	27.91 -0.60 0.00	30.08 -0.68 0.00	35.41 -2.26 0.00	38.79 -2.39 0.00	35.23 -1.82 0.00	30.81 -1.32 0.00	29.84 -0.64 0.00	31.40 -0.74 0.00	31.30 -0.97 0.00	31.33 -1.10 0.00	31.75 -1.46 0.00	35.24 -1.39 0.00	38.89 -2.57 0.00	46.29 -2.80 0.00	56.46 -3.03 0.00	52.03 -2.85 0.00	41.63 -2.47 0.00	36.27 -2.36 0.00	34.98 -1.57 0.00	32.50 -0.56 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	36.10 1.65 0.00	30.79 1.41 0.00	29.60 1.30 0.00	28.51 1.25 0.00	29.73 1.23 0.00	31.93 1.17 0.00	39.44 1.77 0.00	43.12 1.94 0.00	38.97 1.93 0.00	33.87 1.74 0.00	32.21 1.74 0.00	33.94 1.80 0.00	34.14 1.87 0.00	34.31 1.88 0.00	35.17 1.96 0.00	38.57 1.94 0.00	43.54 2.07 0.00	51.15 2.06 0.00	61.76 2.26 0.00	56.86 1.98 0.00	45.78 1.68 0.00	40.37 1.74 0.00	38.23 1.68 0.00	34.48 1.42 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	36.00 1.55 0.00	30.67 1.29 0.00	29.49 1.19 0.00	28.43 1.17 0.00	29.65 1.14 0.00	31.81 1.05 0.00	39.29 1.62 0.00	42.95 1.77 0.00	38.71 1.67 0.00	33.58 1.45 0.00	31.91 1.43 0.00	33.59 1.45 0.00	33.79 1.52 0.00	33.99 1.56 0.00	34.83 1.63 0.00	38.24 1.61 0.00	43.29 1.82 0.00	50.95 1.87 0.00	61.76 2.26 0.00	56.86 1.98 0.00	45.65 1.54 0.00	40.18 1.55 0.00	38.05 1.50 0.00	34.32 1.26 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	36.28 1.83 -0.01	30.91 1.53 0.00	29.69 1.39 0.00	28.56 1.31 0.00	29.79 1.28 0.00	31.90 1.14 0.00	39.40 1.73 0.00	42.91 1.73 0.00	39.01 1.96 0.00	33.87 1.74 0.00	32.24 1.77 0.00	34.01 1.86 0.00	34.24 1.97 0.00	34.38 1.95 0.00	35.27 2.06 0.00	38.68 2.05 0.00	43.41 1.95 0.00	50.61 1.52 0.00	61.09 1.61 0.01	56.25 1.37 0.01	45.47 1.37 0.00	40.25 1.62 0.00	38.30 1.75 0.00	34.52 1.45 0.00

E179THST_13_KV_LOAD 356214	36.42 1.96 -0.01	31.03 1.65 0.00	29.80 1.50 0.00	28.67 1.42 0.00	29.88 1.37 0.00	32.02 1.26 0.00	39.55 1.88 0.00	43.08 1.89 0.00	39.16 2.11 0.00	34.00 1.86 0.00	32.36 1.89 0.00	34.17 2.03 0.00	34.37 2.10 0.00	34.54 2.11 0.00	35.43 2.22 0.00	38.83 2.20 0.00	43.62 2.16 0.00	50.86 1.77 0.00	61.39 1.90 0.01	56.47 1.59 0.01	45.69 1.59 0.00	40.45 1.82 0.00	38.45 1.90 0.00	34.65 1.59 0.00
EAST HAMPTON___GT 23717	36.31 1.86 0.00	30.91 1.53 0.00	29.86 1.56 0.00	28.78 1.53 0.00	30.10 1.60 0.00	32.21 1.45 0.00	39.82 2.15 0.00	43.24 2.06 0.00	39.49 2.44 0.00	34.25 2.12 0.00	33.06 2.59 0.00	34.68 2.54 0.00	34.82 2.55 0.00	34.93 2.50 0.00	35.97 2.75 -0.01	38.72 2.09 0.00	43.45 1.99 0.00	51.39 2.26 -0.04	61.52 2.02 0.00	56.64 1.76 0.00	45.02 0.93 0.01	39.51 0.89 0.01	37.10 0.55 0.00	33.92 0.86 0.00
EAST RIVER___6 23660	36.20 1.76 0.00	30.88 1.50 0.00	29.66 1.36 0.00	28.56 1.31 0.00	29.79 1.28 0.00	31.90 1.14 0.00	39.37 1.70 0.00	43.16 1.98 0.00	39.08 2.04 0.00	33.93 1.80 0.00	32.37 1.89 0.00	34.14 1.99 0.00	34.34 2.07 0.00	34.48 2.04 0.00	35.36 2.16 0.00	38.83 2.20 0.00	43.87 2.40 0.00	51.25 2.16 0.00	61.99 2.50 0.00	57.02 2.14 0.00	46.04 1.94 0.00	40.56 1.93 0.00	38.38 1.83 0.00	34.61 1.55 0.00
EAST RIVER___7 23524	36.20 1.76 0.00	30.88 1.50 0.00	29.66 1.36 0.00	28.56 1.31 0.00	29.79 1.28 0.00	31.90 1.14 0.00	39.37 1.70 0.00	43.16 1.98 0.00	39.08 2.04 0.00	33.93 1.80 0.00	32.37 1.89 0.00	34.14 1.99 0.00	34.34 2.07 0.00	34.48 2.04 0.00	35.36 2.16 0.00	38.83 2.20 0.00	43.87 2.40 0.00	51.25 2.16 0.00	61.99 2.50 0.00	57.02 2.14 0.00	46.04 1.94 0.00	40.56 1.93 0.00	38.38 1.83 0.00	34.61 1.55 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	36.07 1.62 0.00	30.76 1.38 0.00	29.55 1.25 0.00	28.45 1.20 0.00	29.71 1.20 0.00	31.87 1.11 0.00	39.36 1.70 0.00	43.08 1.89 0.00	38.90 1.85 0.00	33.77 1.64 0.00	32.15 1.68 0.00	33.88 1.74 0.00	34.08 1.81 0.00	34.25 1.82 0.00	35.10 1.89 0.00	38.50 1.87 0.00	43.45 1.99 0.00	51.05 1.96 0.00	61.70 2.20 0.00	56.81 1.92 0.00	45.69 1.59 0.00	40.29 1.66 0.00	38.16 1.61 0.00	34.42 1.36 0.00
EAST_HAMPTON___DIESEL 23722	36.31 1.86 0.00	30.91 1.53 0.00	29.83 1.53 0.00	28.78 1.53 0.00	30.10 1.60 0.00	32.21 1.45 0.00	39.82 2.15 0.00	43.24 2.06 0.00	39.49 2.44 0.00	34.25 2.12 0.00	33.06 2.59 0.00	34.68 2.54 0.00	34.79 2.52 0.00	34.89 2.46 0.00	35.94 2.72 -0.01	38.68 2.05 0.00	43.37 1.91 0.00	51.34 2.21 -0.04	61.46 1.96 0.00	56.53 1.65 0.00	44.93 0.84 0.01	39.43 0.81 0.01	37.02 0.47 0.00	33.89 0.83 0.00
EAST_POINT___SOLAR 323840	36.27 1.82 0.00	30.91 1.53 0.00	29.74 1.44 0.00	28.59 1.34 0.00	29.96 1.45 0.00	32.36 1.60 0.00	39.74 2.07 0.00	43.20 2.02 0.00	37.31 0.26 0.00	31.30 -0.84 0.00	29.26 -1.22 0.00	31.11 -1.03 0.00	31.53 -0.74 0.00	31.72 -0.71 0.00	32.84 -0.36 0.00	36.56 -0.07 0.00	42.00 0.54 0.00	50.76 1.67 0.00	62.94 3.45 0.00	57.85 2.96 0.00	46.53 2.42 0.00	40.71 2.08 0.00	38.41 1.86 0.00	34.71 1.65 0.00
EAST_PULASKI___ESR 323781	34.17 -0.28 0.00	29.14 -0.24 0.00	28.10 -0.20 0.00	27.04 -0.22 0.00	28.34 -0.17 0.00	30.58 -0.18 0.00	37.29 -0.38 0.00	40.69 -0.49 0.00	36.56 -0.48 0.00	31.55 -0.58 0.00	29.90 -0.58 0.00	31.53 -0.61 0.00	31.66 -0.61 0.00	31.81 -0.62 0.00	32.57 -0.63 0.00	36.08 -0.55 0.00	40.76 -0.71 0.00	48.45 -0.64 0.00	58.90 -0.59 0.00	54.50 -0.38 0.00	43.80 -0.31 0.00	38.36 -0.27 0.00	36.30 -0.25 0.00	32.79 -0.27 0.00
EAST_RIVER___1 323558	36.24 1.79 0.00	30.88 1.50 0.00	29.69 1.39 0.00	28.59 1.34 0.00	29.82 1.31 0.00	31.96 1.20 0.00	39.44 1.77 0.00	43.20 2.02 0.00	39.12 2.07 0.00	33.96 1.83 0.00	32.33 1.86 0.00	34.10 1.96 0.00	34.30 2.03 0.00	34.44 2.01 0.00	35.33 2.13 0.00	38.76 2.12 0.00	43.78 2.32 0.00	51.15 2.06 0.00	61.94 2.44 0.00	56.97 2.09 0.00	45.96 1.85 0.00	40.52 1.89 0.00	38.34 1.79 0.00	34.58 1.52 0.00
EAST_RIVER___2 323559	36.20 1.76 0.00	30.88 1.50 0.00	29.66 1.36 0.00	28.56 1.31 0.00	29.79 1.28 0.00	31.90 1.14 0.00	39.37 1.70 0.00	43.16 1.98 0.00	39.08 2.04 0.00	33.93 1.80 0.00	32.37 1.89 0.00	34.14 1.99 0.00	34.34 2.07 0.00	34.48 2.04 0.00	35.36 2.16 0.00	38.83 2.20 0.00	43.87 2.40 0.00	51.25 2.16 0.00	61.99 2.50 0.00	57.02 2.14 0.00	46.04 1.94 0.00	40.56 1.93 0.00	38.38 1.83 0.00	34.61 1.55 0.00
EAST___DELAWARE_HYD 23607	36.24 1.79 0.00	30.88 1.50 0.00	29.69 1.39 0.00	28.62 1.36 0.00	29.88 1.37 0.00	32.05 1.29 0.00	39.55 1.88 0.00	43.20 2.02 0.00	38.90 1.85 0.00	33.67 1.54 0.00	31.97 1.49 0.00	33.65 1.51 0.00	33.85 1.58 0.00	34.05 1.62 0.00	34.90 1.69 0.00	38.43 1.79 0.00	43.62 2.15 0.00	51.40 2.31 0.00	62.53 3.03 0.00	57.57 2.69 0.00	46.22 2.12 0.00	40.64 2.01 0.00	38.34 1.79 0.00	34.65 1.59 0.00
EIGHT_POINT___WT_PWR 323820	32.66 -1.79 0.00	27.85 -1.53 0.00	27.11 -1.19 0.00	26.36 -0.90 0.00	27.74 -0.77 0.00	30.02 -0.74 0.00	35.97 -1.69 0.00	39.33 -1.85 0.00	35.49 -1.55 0.00	30.81 -1.32 0.00	29.65 -0.82 0.00	31.18 -0.96 0.00	31.21 -1.06 0.00	31.39 -1.04 0.00	31.91 -1.30 0.00	35.50 -1.14 0.00	39.76 -1.70 0.00	47.96 -1.13 0.00	58.48 -1.01 0.00	53.79 -1.10 0.00	42.87 -1.23 0.00	37.47 -1.16 0.00	35.85 -0.70 0.00	32.76 -0.30 0.00
ELBRIDGE_115KV_TB2 80188	34.07 -0.38 0.00	29.03 -0.35 0.00	28.02 -0.28 0.00	26.98 -0.27 0.00	28.25 -0.26 0.00	30.51 -0.25 0.00	37.10 -0.57 0.00	40.52 -0.66 0.00	36.45 -0.59 0.00	31.59 -0.55 0.00	30.02 -0.46 0.00	31.66 -0.48 0.00	31.72 -0.55 0.00	31.88 -0.55 0.00	32.61 -0.60 0.00	36.08 -0.55 0.00	40.72 -0.75 0.00	48.25 -0.83 0.00	58.66 -0.83 0.00	54.17 -0.71 0.00	43.44 -0.66 0.00	38.01 -0.62 0.00	36.00 -0.55 0.00	32.66 -0.40 0.00
ELEC_TRO_TEK 24086	35.96 1.52 0.00	30.61 1.23 0.00	29.46 1.16 0.00	28.34 1.09 0.00	29.59 1.08 0.00	31.68 0.92 0.00	39.18 1.51 0.00	42.46 1.28 0.00	38.75 1.70 0.00	33.74 1.61 0.00	32.40 1.92 0.00	34.07 1.93 0.00	34.30 2.03 0.00	34.51 2.08 0.00	35.41 2.19 -0.02	38.32 1.69 0.00	43.12 1.66 0.00	50.81 1.72 0.00	61.10 1.61 0.00	56.20 1.32 0.00	45.11 1.01 0.01	39.78 1.16 0.01	37.72 1.17 0.00	34.18 1.12 0.00
ELLENBURG_WT_PWR 323604	34.21 -0.24 0.00	29.18 -0.20 0.00	28.07 -0.23 0.00	27.04 -0.22 0.00	28.28 -0.23 0.00	30.70 -0.06 0.00	37.86 0.19 0.00	41.51 0.33 0.00	37.49 0.45 0.00	32.68 0.55 0.00	30.96 0.49 0.00	32.75 0.61 0.00	32.85 0.58 0.00	33.02 0.58 0.00	33.71 0.50 0.00	37.18 0.55 0.00	42.17 0.70 0.00	50.02 0.93 0.00	60.68 1.19 0.00	56.04 1.15 0.00	44.90 0.79 0.00	39.17 0.54 0.00	36.99 0.44 0.00	33.39 0.33 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	33.00 -1.45 0.00	28.06 -1.32 0.00	27.28 -1.02 0.00	26.60 -0.65 0.00	27.97 -0.54 0.00	30.14 -0.62 0.00	35.26 -2.41 0.00	38.51 -2.68 0.00	35.05 -2.00 0.00	30.65 -1.48 0.00	29.71 -0.76 0.00	31.21 -0.93 0.00	31.11 -1.16 0.00	31.17 -1.26 0.00	31.58 -1.63 0.00	35.02 -1.61 0.00	38.52 -2.94 0.00	45.75 -3.34 0.00	55.75 -3.75 0.00	51.37 -3.51 0.00	41.10 -3.00 0.00	35.89 -2.74 0.00	34.69 -1.86 0.00	32.33 -0.73 0.00
EMPIRE_CC_1 323656	35.38 0.93 0.00	30.17 0.79 0.00	29.03 0.73 0.00	27.94 0.68 0.00	29.16 0.66 0.00	31.47 0.71 0.00	38.80 1.13 0.00	42.54 1.36 0.00	38.16 1.11 0.00	33.06 0.93 0.00	31.24 0.76 0.00	32.88 0.74 0.00	33.04 0.77 0.00	33.21 0.78 0.00	34.10 0.90 0.00	37.51 0.88 0.00	42.58 1.12 0.00	50.32 1.23 0.00	60.86 1.37 0.00	56.09 1.21 0.00	45.16 1.06 0.00	39.60 0.97 0.00	37.39 0.84 0.00	33.79 0.73 0.00
EMPIRE_CC_2 323658	35.38 0.93 0.00	30.17 0.79 0.00	29.03 0.73 0.00	27.94 0.68 0.00	29.16 0.66 0.00	31.47 0.71 0.00	38.80 1.13 0.00	42.54 1.36 0.00	38.16 1.11 0.00	33.06 0.93 0.00	31.24 0.76 0.00	32.88 0.74 0.00	33.04 0.77 0.00	33.21 0.78 0.00	34.10 0.90 0.00	37.51 0.88 0.00	42.58 1.12 0.00	50.32 1.23 0.00	60.86 1.37 0.00	56.09 1.21 0.00	45.16 1.06 0.00	39.60 0.97 0.00	37.39 0.84 0.00	33.79 0.73 0.00
ENORWICH_115KV_TB1 80156	35.72 1.27 0.00	30.50 1.12 0.00	29.46 1.16 0.00	28.26 1.01 0.00	29.76 1.25 0.00	32.08 1.32 0.00	39.18 1.51 0.00	42.91 1.73 0.00	38.38 1.33 0.00	32.81 0.67 0.00	30.93 0.46 0.00	32.66 0.51 0.00	32.75 0.48 0.00	32.92 0.49 0.00	33.77 0.56 0.00	37.70 1.06 0.00	43.04 1.58 0.00	51.30 2.21 0.00	62.71 3.21 0.00	58.29 3.40 0.00	46.75 2.65 0.00	40.68 2.05 0.00	38.34 1.79 0.00	34.71 1.65 0.00
ERIE_ST__34_KV_TB1-2 80199	32.97 -1.48 0.00	28.06 -1.32 0.00	27.25 -1.05 0.00	26.57 -0.68 0.00	27.94 -0.57 0.00	30.11 -0.65 0.00	35.33 -2.34 0.00	38.67 -2.51 0.00	35.12 -1.93 0.00	30.72 -1.41 0.00	29.74 -0.73 0.00	31.31 -0.84 0.00	31.17 -1.10 0.00	31.20 -1.23 0.00	31.58 -1.63 0.00	35.06 -1.58 0.00	38.64 -2.82 0.00	46.00 -3.09 0.00	56.16 -3.33 0.00	51.70 -3.18 0.00	41.33 -2.78 0.00	36.04 -2.59 0.00	34.76 -1.79 0.00	32.37 -0.69 0.00
ERIE_WT_PWR 323693	33.03 -1.41 0.00	28.09 -1.29 0.00	27.34 -0.96 0.00	26.63 -0.63 0.00	28.02 -0.48 0.00	30.21 -0.55 0.00	35.63 -2.03 0.00	38.67 -2.51 0.00	35.16 -1.89 0.00	30.75 -1.38 0.00	29.80 -0.67 0.00	31.31 -0.84 0.00	31.24 -1.03 0.00	31.36 -1.07 0.00	31.68 -1.53 0.00	35.17 -1.47 0.00	38.73 -2.74 0.00	46.53 -2.55 0.00	56.40 -3.10 0.00	51.87 -3.02 0.00	41.33 -2.78 0.00	36.27 -2.36 0.00	35.24 -1.31 0.00	32.47 -0.59 0.00
ESPRGFLD_115KV_TB1 80157	35.62 1.17 0.00	30.35 0.97 0.00	29.23 0.93 0.00	28.10 0.84 0.00	29.45 0.94 0.00	31.74 0.98 0.00	38.95 1.28 0.00	42.54 1.36 0.00	37.75 0.70 0.00	32.29 0.16 0.00	30.44 -0.03 0.00	32.11 -0.03 0.00	32.30 0.03 0.00	32.46 0.03 0.00	33.41 0.20 0.00	37.04 0.40 0.00	42.25 0.79 0.00	50.32 1.23 0.00	61.52 2.02 0.00	56.75 1.87 0.00	45.65 1.54 0.00	39.98 1.35 0.00	37.76 1.21 0.00	34.12 1.06 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	34.72 0.28 0.00	29.59 0.21 0.00	28.53 0.23 0.00	27.50 0.25 0.00	28.79 0.29 0.00	31.10 0.34 0.00	37.82 0.15 0.00	41.35 0.16 0.00	37.20 0.15 0.00	32.10 -0.03 0.00	30.48 0.00 0.00	32.14 0.00 0.00	32.20 -0.06 0.00	32.33 -0.10 0.00	33.11 -0.10 0.00	36.71 0.07 0.00	41.51 0.04 0.00	49.33 0.25 0.00	60.03 0.54 0.00	55.54 0.66 0.00	44.55 0.44 0.00	38.90 0.27 0.00	36.84 0.29 0.00	33.42 0.36 0.00
ETNA____115KV_TB2 80207	34.72 0.28 0.00	29.59 0.21 0.00	28.53 0.23 0.00	27.50 0.25 0.00	28.79 0.29 0.00	31.10 0.34 0.00	37.82 0.15 0.00	41.35 0.16 0.00	37.20 0.15 0.00	32.10 -0.03 0.00	30.48 0.00 0.00	32.14 0.00 0.00	32.20 -0.06 0.00	32.33 -0.10 0.00	33.11 -0.10 0.00	36.71 0.07 0.00	41.51 0.04 0.00	49.33 0.25 0.00	60.03 0.54 0.00	55.54 0.66 0.00	44.55 0.44 0.00	38.90 0.27 0.00	36.84 0.29 0.00	33.42 0.36 0.00
EUCLID___115KV_TB2 356179	33.97 -0.48 0.00	28.94 -0.44 0.00	27.90 -0.40 0.00	26.87 -0.38 0.00	28.14 -0.37 0.00	30.36 -0.40 0.00	36.95 -0.72 0.00	40.32 -0.86 0.00	36.31 -0.74 0.00	31.46 -0.67 0.00	29.87 -0.61 0.00	31.50 -0.64 0.00	31.59 -0.68 0.00	31.75 -0.68 0.00	32.51 -0.70 0.00	35.94 -0.70 0.00	40.55 -0.91 0.00	48.01 -1.08 0.00	58.31 -1.19 0.00	53.79 -1.10 0.00	43.22 -0.88 0.00	37.82 -0.81 0.00	35.85 -0.69 0.00	32.50 -0.56 0.00
E_CANADA_CAP_HY 24051	35.86 1.41 0.00	30.56 1.18 0.00	29.40 1.10 0.00	28.26 1.01 0.00	29.62 1.11 0.00	31.96 1.20 0.00	39.25 1.58 0.00	42.83 1.65 0.00	37.57 0.52 0.00	31.91 -0.22 0.00	29.93 -0.55 0.00	31.63 -0.52 0.00	31.85 -0.42 0.00	32.04 -0.39 0.00	33.04 -0.17 0.00	36.74 0.11 0.00	42.12 0.66 0.00	50.46 1.37 0.00	62.05 2.56 0.00	57.08 2.20 0.00	45.91 1.81 0.00	40.25 1.62 0.00	37.97 1.42 0.00	34.32 1.26 0.00
E_CANADA_MHWK_HY 24050	35.34 0.89 0.00	30.20 0.82 0.00	29.09 0.79 0.00	27.96 0.71 0.00	29.28 0.77 0.00	31.56 0.80 0.00	38.69 1.02 0.00	42.25 1.07 0.00	37.97 0.93 0.00	32.90 0.77 0.00	31.21 0.73 0.00	32.88 0.74 0.00	33.04 0.77 0.00	33.21 0.78 0.00	34.04 0.83 0.00	37.55 0.92 0.00	42.46 0.99 0.00	50.17 1.08 0.00	60.68 1.19 0.00	55.88 0.99 0.00	44.85 0.75 0.00	39.33 0.70 0.00	37.17 0.62 0.00	33.56 0.50 0.00
E_FISHKILL___LBMP 23776	35.83 1.38 0.00	30.56 1.18 0.00	29.38 1.08 0.00	28.29 1.04 0.00	29.51 1.00 0.00	31.71 0.95 0.00	39.18 1.51 0.00	42.87 1.69 0.00	38.64 1.59 0.00	33.55 1.41 0.00	31.88 1.40 0.00	33.56 1.41 0.00	33.79 1.52 0.00	33.96 1.52 0.00	34.80 1.59 0.00	38.21 1.58 0.00	43.16 1.70 0.00	50.81 1.72 0.00	61.40 1.90 0.00	56.53 1.65 0.00	45.47 1.37 0.00	40.06 1.43 0.00	37.94 1.39 0.00	34.22 1.16 0.00
FALCON___SEABRD_CC1 323796	34.35 -0.10 0.00	29.29 -0.09 0.00	28.19 -0.11 0.00	27.15 -0.11 0.00	28.42 -0.09 0.00	30.95 0.19 0.00	38.31 0.64 0.00	42.05 0.87 0.00	38.08 1.04 0.00	33.26 1.12 0.00	31.51 1.04 0.00	33.40 1.25 0.00	33.50 1.23 0.00	33.63 1.20 0.00	34.27 1.06 0.00	37.77 1.14 0.00	42.83 1.37 0.00	50.91 1.82 0.00	61.81 2.32 0.00	57.08 2.20 0.00	45.60 1.50 0.00	39.71 1.08 0.00	37.50 0.95 0.00	33.85 0.79 0.00
FALCON___SEABRD_CC2 323797	34.35 -0.10 0.00	29.29 -0.09 0.00	28.19 -0.11 0.00	27.15 -0.11 0.00	28.42 -0.09 0.00	30.95 0.19 0.00	38.31 0.64 0.00	42.05 0.87 0.00	38.08 1.04 0.00	33.26 1.12 0.00	31.51 1.04 0.00	33.40 1.25 0.00	33.50 1.23 0.00	33.63 1.20 0.00	34.27 1.06 0.00	37.77 1.14 0.00	42.83 1.37 0.00	50.91 1.82 0.00	61.81 2.32 0.00	57.08 2.20 0.00	45.60 1.50 0.00	39.71 1.08 0.00	37.50 0.95 0.00	33.85 0.79 0.00

FAR ROCKAWAY___4 23548	36.31 1.86 0.00	30.91 1.53 0.00	29.74 1.44 0.00	28.64 1.39 0.00	29.88 1.37 0.00	31.99 1.23 0.00	39.55 1.88 0.00	42.83 1.65 0.00	39.09 2.04 0.00	34.06 1.93 0.00	32.76 2.29 0.00	34.46 2.31 0.00	34.69 2.42 0.00	34.90 2.46 0.00	35.84 2.62 -0.01	38.72 2.09 0.00	43.58 2.11 0.00	51.40 2.31 0.00	61.82 2.32 0.00	56.92 2.03 0.00	45.64 1.54 0.01	40.21 1.58 0.01	38.08 1.54 0.00	34.52 1.45 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	36.24 1.79 0.00	30.88 1.50 0.00	29.69 1.39 0.00	28.59 1.34 0.00	29.82 1.31 0.00	31.99 1.23 0.00	39.51 1.85 0.00	43.20 2.02 0.00	39.12 2.07 0.00	33.96 1.83 0.00	32.33 1.86 0.00	34.07 1.93 0.00	34.30 2.03 0.00	34.44 2.01 0.00	35.30 2.09 0.00	38.72 2.09 0.00	43.62 2.16 0.00	51.10 2.01 0.00	61.76 2.26 0.00	56.81 1.92 0.00	45.78 1.68 0.00	40.45 1.82 0.00	38.34 1.79 0.00	34.55 1.49 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	36.24 1.79 0.00	30.91 1.53 0.00	29.69 1.39 0.00	28.59 1.34 0.00	29.82 1.31 0.00	31.99 1.23 0.00	39.51 1.85 0.00	43.20 2.02 0.00	39.12 2.07 0.00	33.96 1.83 0.00	32.33 1.86 0.00	34.07 1.93 0.00	34.30 2.03 0.00	34.44 2.01 0.00	35.33 2.13 0.00	38.76 2.12 0.00	43.66 2.20 0.00	51.15 2.06 0.00	61.76 2.26 0.00	56.86 1.98 0.00	45.82 1.72 0.00	40.45 1.82 0.00	38.34 1.79 0.00	34.55 1.49 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	36.21 1.76 0.00	30.88 1.50 0.00	29.69 1.39 0.00	28.56 1.31 0.00	29.82 1.31 0.00	31.96 1.20 0.00	39.48 1.81 0.00	43.20 2.02 0.00	39.09 2.04 0.00	33.96 1.83 0.00	32.33 1.86 0.00	34.07 1.93 0.00	34.27 2.00 0.00	34.44 2.01 0.00	35.30 2.09 0.00	38.72 2.09 0.00	43.62 2.16 0.00	51.10 2.01 0.00	61.76 2.26 0.00	56.81 1.92 0.00	45.78 1.68 0.00	40.45 1.82 0.00	38.30 1.75 0.00	34.55 1.49 0.00
FARRAGUT___LBMP 323566	36.21 1.76 0.00	30.85 1.47 0.00	29.66 1.36 0.00	28.56 1.31 0.00	29.79 1.28 0.00	31.96 1.20 0.00	39.48 1.81 0.00	43.16 1.98 0.00	39.09 2.04 0.00	33.93 1.80 0.00	32.30 1.83 0.00	34.04 1.90 0.00	34.24 1.97 0.00	34.41 1.98 0.00	35.27 2.06 0.00	38.68 2.05 0.00	43.58 2.11 0.00	51.05 1.96 0.00	61.70 2.20 0.00	56.75 1.87 0.00	45.74 1.63 0.00	40.41 1.78 0.00	38.30 1.75 0.00	34.52 1.45 0.00
FENNER___WINDPWR 24204	34.86 0.41 0.00	29.73 0.35 0.00	28.64 0.34 0.00	27.58 0.33 0.00	28.88 0.37 0.00	31.16 0.40 0.00	38.08 0.42 0.00	41.59 0.41 0.00	37.34 0.30 0.00	32.23 0.10 0.00	30.54 0.06 0.00	32.21 0.06 0.00	32.30 0.03 0.00	32.50 0.06 0.00	33.31 0.10 0.00	36.85 0.22 0.00	41.79 0.33 0.00	49.58 0.49 0.00	60.27 0.77 0.00	55.71 0.82 0.00	44.72 0.62 0.00	39.13 0.50 0.00	37.02 0.47 0.00	33.46 0.40 0.00
FIBERTEK___ENERGY 23856	34.24 -0.21 0.00	29.17 -0.21 0.00	28.13 -0.17 0.00	27.09 -0.16 0.00	28.37 -0.14 0.00	30.64 -0.12 0.00	37.25 -0.41 0.00	40.69 -0.49 0.00	36.64 -0.41 0.00	31.71 -0.42 0.00	30.14 -0.34 0.00	31.79 -0.35 0.00	31.88 -0.39 0.00	32.01 -0.42 0.00	32.77 -0.43 0.00	36.27 -0.37 0.00	40.92 -0.54 0.00	48.50 -0.59 0.00	58.90 -0.59 0.00	54.45 -0.44 0.00	43.71 -0.40 0.00	38.21 -0.42 0.00	36.18 -0.37 0.00	32.80 -0.26 0.00
FITZPATRICK___ 23598	33.55 -0.90 0.00	28.59 -0.79 0.00	27.56 -0.74 0.00	26.57 -0.68 0.00	27.80 -0.71 0.00	30.02 -0.74 0.00	36.54 -1.13 0.00	39.86 -1.32 0.00	35.86 -1.19 0.00	31.07 -1.06 0.00	29.53 -0.94 0.00	31.11 -1.03 0.00	31.24 -1.03 0.00	31.39 -1.04 0.00	32.11 -1.09 0.00	35.46 -1.17 0.00	40.10 -1.37 0.00	47.52 -1.57 0.00	57.59 -1.91 0.00	53.18 -1.70 0.00	42.69 -1.41 0.00	37.39 -1.24 0.00	35.42 -1.13 0.00	32.07 -0.99 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	36.14 1.69 0.00	30.79 1.41 0.00	29.60 1.30 0.00	28.54 1.28 0.00	29.76 1.25 0.00	31.96 1.20 0.00	39.51 1.85 0.00	43.16 1.98 0.00	38.90 1.85 0.00	33.74 1.61 0.00	32.00 1.52 0.00	33.69 1.54 0.00	33.92 1.65 0.00	34.15 1.72 0.00	35.00 1.79 0.00	38.46 1.83 0.00	43.50 2.03 0.00	51.25 2.16 0.00	62.11 2.62 0.00	57.19 2.31 0.00	45.87 1.76 0.00	40.37 1.74 0.00	38.19 1.64 0.00	34.45 1.39 0.00
FORT ORANGE___ 23900	35.00 0.55 0.00	29.91 0.53 0.00	28.78 0.48 0.00	27.69 0.43 0.00	28.94 0.43 0.00	31.19 0.43 0.00	38.38 0.71 0.00	42.05 0.87 0.00	37.68 0.63 0.00	32.61 0.48 0.00	30.81 0.34 0.00	32.40 0.26 0.00	32.56 0.29 0.00	32.72 0.29 0.00	33.64 0.43 0.00	37.04 0.40 0.00	41.96 0.50 0.00	49.53 0.44 0.00	59.97 0.47 0.00	55.27 0.39 0.00	44.50 0.40 0.00	38.98 0.35 0.00	36.81 0.26 0.00	33.29 0.23 0.00
FORT_DRUM_COGEN 23780	35.03 0.59 0.00	29.97 0.59 0.00	28.87 0.57 0.00	27.64 0.38 0.00	29.05 0.54 0.00	31.28 0.52 0.00	38.42 0.75 0.00	41.96 0.78 0.00	37.46 0.41 0.00	32.07 -0.06 0.00	30.14 -0.34 0.00	31.89 -0.26 0.00	32.08 -0.19 0.00	32.37 -0.06 0.00	33.21 0.00 0.00	36.89 0.26 0.00	41.96 0.50 0.00	50.02 0.93 0.00	61.22 1.73 0.00	56.92 2.03 0.00	45.74 1.63 0.00	39.98 1.35 0.00	37.76 1.21 0.00	33.92 0.86 0.00
FOX_HILLS___ESR 323835	36.49 2.03 -0.01	31.08 1.70 0.00	29.86 1.56 0.00	28.73 1.47 0.00	29.96 1.45 0.00	32.02 1.26 0.00	39.51 1.85 0.00	42.71 1.52 0.00	38.97 1.93 0.00	33.84 1.70 0.00	32.21 1.74 0.00	33.98 1.83 0.00	34.21 1.94 0.00	34.38 1.95 0.00	35.30 2.09 0.00	38.72 2.09 0.00	43.29 1.82 0.00	50.51 1.42 0.00	61.03 1.55 0.01	56.20 1.32 0.01	45.38 1.28 0.00	40.21 1.58 0.00	38.45 1.90 0.00	34.71 1.65 0.00
FPL_FAR_ROCK_GT1 24212	36.31 1.86 0.00	30.91 1.53 0.00	29.74 1.44 0.00	28.64 1.39 0.00	29.88 1.37 0.00	31.99 1.23 0.00	39.44 1.77 0.00	42.83 1.65 0.00	39.08 2.04 0.00	34.06 1.93 0.00	32.73 2.26 0.00	34.46 2.32 0.00	34.69 2.42 0.00	34.86 2.43 0.00	35.84 2.62 -0.01	38.72 2.09 0.00	43.66 2.20 0.00	51.40 2.31 0.00	61.94 2.44 0.00	57.08 2.20 0.00	45.73 1.63 0.01	40.28 1.66 0.01	37.97 1.42 0.00	34.55 1.49 0.00
FPL_FAR_ROCK_GT2 23815	36.31 1.86 0.00	30.91 1.53 0.00	29.74 1.44 0.00	28.64 1.39 0.00	29.88 1.37 0.00	31.99 1.23 0.00	39.44 1.77 0.00	42.83 1.65 0.00	39.08 2.04 0.00	34.06 1.93 0.00	32.73 2.26 0.00	34.46 2.32 0.00	34.69 2.42 0.00	34.86 2.43 0.00	35.84 2.62 -0.01	38.72 2.09 0.00	43.66 2.20 0.00	51.40 2.31 0.00	61.94 2.44 0.00	57.08 2.20 0.00	45.73 1.63 0.01	40.28 1.66 0.01	37.97 1.42 0.00	34.55 1.49 0.00
FRANKLIN_FALL_HYD 24054	34.66 0.21 0.00	29.62 0.24 0.00	28.47 0.17 0.00	27.39 0.14 0.00	28.65 0.14 0.00	31.10 0.34 0.00	38.46 0.79 0.00	42.09 0.91 0.00	37.94 0.89 0.00	33.06 0.93 0.00	31.27 0.79 0.00	33.17 1.03 0.00	33.27 1.00 0.00	33.40 0.97 0.00	34.07 0.86 0.00	37.59 0.95 0.00	42.71 1.24 0.00	50.86 1.77 0.00	61.87 2.38 0.00	57.30 2.41 0.00	45.74 1.63 0.00	39.83 1.20 0.00	37.61 1.06 0.00	33.92 0.86 0.00



FREEPORT_EQUS_GT1 23764	36.10 1.65 0.00	30.73 1.35 0.00	29.57 1.27 0.00	28.45 1.20 0.00	29.71 1.20 0.00	31.77 1.01 0.00	39.21 1.55 0.00	42.58 1.40 0.00	38.86 1.81 0.00	33.87 1.73 0.00	32.55 2.07 0.00	34.23 2.09 0.00	34.46 2.20 0.00	34.64 2.21 0.00	35.64 2.42 -0.01	38.50 1.87 0.00	43.41 1.95 0.00	51.10 2.01 0.00	61.52 2.02 0.00	56.69 1.81 0.00	45.47 1.37 0.01	40.01 1.39 0.01	37.75 1.20 0.00	34.38 1.32 0.00
FREEPORT___CT2 23818	36.10 1.65 0.00	30.73 1.35 0.00	29.57 1.27 0.00	28.45 1.20 0.00	29.71 1.20 0.00	31.77 1.01 0.00	39.21 1.55 0.00	42.58 1.40 0.00	38.86 1.81 0.00	33.87 1.73 0.00	32.55 2.07 0.00	34.23 2.09 0.00	34.46 2.20 0.00	34.64 2.21 0.00	35.64 2.42 -0.01	38.50 1.87 0.00	43.41 1.95 0.00	51.10 2.01 0.00	61.52 2.02 0.00	56.69 1.81 0.00	45.47 1.37 0.01	40.01 1.39 0.01	37.75 1.20 0.00	34.38 1.32 0.00
FRESHKLS_33_KV_LOAD 356253	36.52 2.07 -0.01	31.11 1.73 0.00	29.88 1.58 0.00	28.75 1.50 0.00	29.99 1.48 0.00	32.02 1.26 0.00	39.51 1.85 0.00	42.58 1.40 0.00	38.94 1.89 0.00	33.80 1.67 0.00	32.15 1.68 0.00	33.94 1.80 0.00	34.17 1.90 0.00	34.34 1.91 0.00	35.27 2.06 0.00	38.68 2.05 0.00	43.19 1.74 0.02	50.41 1.33 0.01	60.91 1.43 0.01	56.09 1.21 0.01	45.29 1.19 0.01	40.14 1.51 0.00	38.49 1.94 0.00	34.71 1.65 0.00
FULTON COGEN____ 23766	33.93 -0.52 0.00	28.91 -0.47 0.00	27.88 -0.42 0.00	26.85 -0.41 0.00	28.11 -0.40 0.00	30.36 -0.40 0.00	36.92 -0.75 0.00	40.32 -0.86 0.00	36.27 -0.78 0.00	31.43 -0.71 0.00	29.84 -0.64 0.00	31.47 -0.68 0.00	31.53 -0.74 0.00	31.69 -0.75 0.00	32.44 -0.76 0.00	35.86 -0.77 0.00	40.51 -0.95 0.00	48.01 -1.08 0.00	58.31 -1.19 0.00	53.84 -1.04 0.00	43.22 -0.88 0.00	37.82 -0.81 0.00	35.82 -0.73 0.00	32.47 -0.60 0.00
FULTON___LFGE 323630	36.10 1.65 0.00	30.76 1.38 0.00	29.60 1.30 0.00	28.43 1.17 0.00	29.79 1.28 0.00	32.18 1.42 0.00	39.51 1.85 0.00	43.12 1.94 0.00	37.83 0.78 0.00	32.10 -0.03 0.00	29.99 -0.49 0.00	31.63 -0.52 0.00	31.88 -0.39 0.00	32.11 -0.32 0.00	33.14 -0.07 0.00	36.89 0.26 0.00	42.42 0.95 0.00	50.85 1.76 0.00	62.47 2.97 0.00	57.47 2.58 0.00	46.22 2.12 0.00	40.45 1.82 0.00	38.20 1.65 0.00	34.51 1.45 0.00
G.F.CEMENT___DRP 24184	35.72 1.27 0.00	30.50 1.12 0.00	29.35 1.05 0.00	28.21 0.95 0.00	29.51 1.00 0.00	31.84 1.08 0.00	39.10 1.43 0.00	42.83 1.65 0.00	38.20 1.15 0.00	32.97 0.84 0.00	30.93 0.46 0.00	32.56 0.42 0.00	32.72 0.45 0.00	32.89 0.45 0.00	33.87 0.66 0.00	37.37 0.73 0.00	42.71 1.24 0.00	50.71 1.62 0.00	61.76 2.26 0.00	56.70 1.81 0.00	45.60 1.50 0.00	39.90 1.27 0.00	37.72 1.17 0.00	34.12 1.06 0.00
GARDENVILLE___LBMP 24039	32.93 -1.52 0.00	28.00 -1.38 0.00	27.25 -1.05 0.00	26.57 -0.68 0.00	27.94 -0.57 0.00	30.14 -0.62 0.00	35.26 -2.41 0.00	38.55 -2.64 0.00	35.01 -2.04 0.00	30.59 -1.54 0.00	29.62 -0.85 0.00	31.11 -1.03 0.00	31.08 -1.19 0.00	31.13 -1.30 0.00	31.55 -1.66 0.00	35.02 -1.61 0.00	38.56 -2.90 0.00	45.90 -3.19 0.00	55.98 -3.51 0.00	51.59 -3.29 0.00	41.24 -2.87 0.00	35.96 -2.67 0.00	34.72 -1.83 0.00	32.37 -0.69 0.00
GARDNVLA_35_KV_LD 355827	33.10 -1.34 0.00	28.18 -1.20 0.00	27.39 -0.91 0.00	26.71 -0.55 0.00	28.08 -0.43 0.00	30.30 -0.46 0.00	35.48 -2.18 0.00	38.79 -2.39 0.00	35.27 -1.78 0.00	30.85 -1.29 0.00	29.90 -0.58 0.00	31.44 -0.71 0.00	31.33 -0.94 0.00	31.39 -1.04 0.00	31.81 -1.39 0.00	35.28 -1.36 0.00	38.81 -2.65 0.00	46.14 -2.95 0.00	56.28 -3.21 0.00	51.87 -3.02 0.00	41.46 -2.65 0.00	36.16 -2.47 0.00	34.94 -1.61 0.00	32.53 -0.53 0.00
GELCKHM___115KV_LOAD 80723	34.07 -0.38 0.00	29.03 -0.35 0.00	27.99 -0.31 0.00	26.95 -0.30 0.00	28.22 -0.29 0.00	30.48 -0.28 0.00	37.07 -0.60 0.00	40.48 -0.70 0.00	36.42 -0.63 0.00	31.55 -0.58 0.00	29.99 -0.49 0.00	31.63 -0.51 0.00	31.69 -0.58 0.00	31.85 -0.58 0.00	32.61 -0.60 0.00	36.05 -0.59 0.00	40.72 -0.75 0.00	48.20 -0.88 0.00	58.54 -0.95 0.00	54.06 -0.82 0.00	43.40 -0.71 0.00	37.97 -0.66 0.00	35.96 -0.58 0.00	32.60 -0.46 0.00
GENERAL___MILLS 23808	33.04 -1.41 0.00	28.09 -1.29 0.00	27.34 -0.96 0.00	26.63 -0.63 0.00	28.02 -0.48 0.00	30.21 -0.55 0.00	35.37 -2.30 0.00	38.67 -2.51 0.00	35.16 -1.89 0.00	30.75 -1.38 0.00	29.77 -0.70 0.00	31.31 -0.84 0.00	31.20 -1.06 0.00	31.26 -1.17 0.00	31.68 -1.53 0.00	35.13 -1.50 0.00	38.64 -2.82 0.00	45.95 -3.14 0.00	56.04 -3.45 0.00	51.65 -3.24 0.00	41.33 -2.78 0.00	36.04 -2.59 0.00	34.83 -1.72 0.00	32.43 -0.63 0.00
GE_PLASTICS___DRP 24183	34.93 0.48 0.00	29.85 0.47 0.00	28.72 0.42 0.00	27.64 0.38 0.00	28.88 0.37 0.00	31.13 0.37 0.00	38.31 0.64 0.00	41.92 0.74 0.00	37.64 0.59 0.00	32.61 0.48 0.00	30.87 0.40 0.00	32.50 0.35 0.00	32.62 0.35 0.00	32.82 0.39 0.00	33.67 0.46 0.00	37.07 0.44 0.00	42.09 0.62 0.00	49.73 0.64 0.00	60.09 0.59 0.00	55.38 0.49 0.00	44.59 0.49 0.00	39.13 0.50 0.00	36.99 0.44 0.00	33.39 0.33 0.00
GILBOA___1 23756	35.17 0.72 0.00	30.00 0.62 0.00	28.87 0.57 0.00	27.80 0.54 0.00	29.05 0.54 0.00	31.25 0.49 0.00	38.42 0.75 0.00	42.09 0.90 0.00	37.83 0.78 0.00	32.81 0.68 0.00	31.12 0.64 0.00	32.79 0.64 0.00	32.95 0.68 0.00	33.08 0.65 0.00	33.94 0.73 0.00	37.37 0.73 0.00	42.29 0.83 0.00	49.92 0.83 0.00	60.15 0.66 0.00	55.49 0.60 0.00	44.81 0.70 0.00	39.33 0.70 0.00	37.21 0.66 0.00	33.62 0.56 0.00
GILBOA___2 23757	35.17 0.72 0.00	30.00 0.62 0.00	28.87 0.57 0.00	27.80 0.54 0.00	29.05 0.54 0.00	31.25 0.49 0.00	38.42 0.75 0.00	42.09 0.90 0.00	37.83 0.78 0.00	32.81 0.68 0.00	31.12 0.64 0.00	32.79 0.64 0.00	32.95 0.68 0.00	33.08 0.65 0.00	33.94 0.73 0.00	37.37 0.73 0.00	42.29 0.83 0.00	49.92 0.83 0.00	60.15 0.66 0.00	55.49 0.60 0.00	44.81 0.70 0.00	39.33 0.70 0.00	37.21 0.66 0.00	33.62 0.56 0.00
GILBOA___3 23758	35.17 0.72 0.00	30.00 0.62 0.00	28.87 0.57 0.00	27.80 0.54 0.00	29.05 0.54 0.00	31.25 0.49 0.00	38.42 0.75 0.00	42.09 0.90 0.00	37.83 0.78 0.00	32.81 0.68 0.00	31.12 0.64 0.00	32.79 0.64 0.00	32.95 0.68 0.00	33.08 0.65 0.00	33.94 0.73 0.00	37.37 0.73 0.00	42.29 0.83 0.00	49.92 0.83 0.00	60.15 0.66 0.00	55.49 0.60 0.00	44.81 0.70 0.00	39.33 0.70 0.00	37.21 0.66 0.00	33.62 0.56 0.00
GILBOA___4 23759	35.17 0.72 0.00	30.00 0.62 0.00	28.87 0.57 0.00	27.80 0.54 0.00	29.05 0.54 0.00	31.25 0.49 0.00	38.42 0.75 0.00	42.09 0.90 0.00	37.83 0.78 0.00	32.81 0.68 0.00	31.12 0.64 0.00	32.79 0.64 0.00	32.95 0.68 0.00	33.08 0.65 0.00	33.94 0.73 0.00	37.37 0.73 0.00	42.29 0.83 0.00	49.92 0.83 0.00	60.15 0.66 0.00	55.49 0.60 0.00	44.81 0.70 0.00	39.33 0.70 0.00	37.21 0.66 0.00	33.62 0.56 0.00

GILBOA____ 23599	35.17 0.72 0.00	30.00 0.62 0.00	28.87 0.57 0.00	27.80 0.55 0.00	29.05 0.54 0.00	31.25 0.49 0.00	38.46 0.79 0.00	42.09 0.91 0.00	37.83 0.78 0.00	32.81 0.67 0.00	31.12 0.64 0.00	32.79 0.64 0.00	32.95 0.68 0.00	33.11 0.68 0.00	33.94 0.73 0.00	37.37 0.73 0.00	42.29 0.83 0.00	49.97 0.88 0.00	60.15 0.65 0.00	55.44 0.55 0.00	44.81 0.71 0.00	39.36 0.73 0.00	37.24 0.69 0.00	33.62 0.56 0.00
GINNA____ 23603	32.42 -2.03 0.00	27.59 -1.79 0.00	26.72 -1.58 0.00	25.76 -1.50 0.00	27.02 -1.48 0.00	29.19 -1.57 0.00	35.15 -2.52 0.00	38.38 -2.80 0.00	34.71 -2.33 0.00	30.24 -1.90 0.00	28.80 -1.68 0.00	30.31 -1.83 0.00	30.37 -1.90 0.00	30.58 -1.85 0.00	31.18 -2.03 0.00	34.55 -2.09 0.00	38.64 -2.82 0.00	46.00 -3.09 0.00	55.98 -3.51 0.00	51.59 -3.29 0.00	41.28 -2.82 0.00	36.08 -2.55 0.00	34.43 -2.12 0.00	31.31 -1.75 0.00
GLEN PARK____ 23778	35.24 0.79 0.00	30.12 0.73 0.00	29.01 0.71 0.00	27.77 0.52 0.00	29.22 0.71 0.00	31.47 0.71 0.00	38.61 0.94 0.00	42.17 0.99 0.00	37.60 0.56 0.00	32.13 0.00 0.00	30.20 -0.27 0.00	31.95 -0.19 0.00	32.14 -0.13 0.00	32.40 -0.03 0.00	33.24 0.03 0.00	36.96 0.33 0.00	42.09 0.62 0.00	50.26 1.18 0.00	61.58 2.08 0.00	57.30 2.41 0.00	46.00 1.90 0.00	40.25 1.62 0.00	37.97 1.42 0.00	34.09 1.03 0.00
GLENDALE_27_KV_LOAD 356172	36.49 2.03 -0.01	31.08 1.70 0.00	29.88 1.58 0.00	28.75 1.50 0.00	29.99 1.48 0.00	32.11 1.35 0.00	39.70 2.03 0.00	43.24 2.06 0.00	39.31 2.26 0.00	34.12 1.99 0.00	32.49 2.01 0.00	34.26 2.12 0.00	34.46 2.19 0.00	34.64 2.21 0.00	35.53 2.32 0.00	38.94 2.31 0.00	43.79 2.32 0.00	51.05 1.96 0.00	61.69 2.20 0.01	56.74 1.87 0.01	45.87 1.76 0.00	40.56 1.93 0.00	38.56 2.01 0.00	34.78 1.72 0.00
GLENWOOD_IC_1_G5 23712	36.14 1.69 0.00	30.79 1.41 0.00	29.60 1.30 0.00	28.51 1.25 0.00	29.76 1.25 0.00	31.87 1.11 0.00	39.40 1.73 0.00	42.87 1.69 0.00	38.97 1.93 0.00	33.90 1.77 0.00	32.46 1.98 0.00	34.17 2.03 0.00	34.40 2.13 0.00	34.57 2.14 0.00	35.48 2.26 -0.02	38.61 1.98 0.00	43.45 1.99 0.00	50.81 1.72 0.00	61.22 1.73 0.00	56.37 1.48 0.00	45.25 1.15 0.00	40.21 1.58 0.00	38.05 1.50 0.00	34.42 1.36 0.00
GLENWOOD_IC_2_G1 23688	36.07 1.62 0.00	30.73 1.35 0.00	29.57 1.27 0.00	28.45 1.20 0.00	29.71 1.20 0.00	31.84 1.08 0.00	39.29 1.62 0.00	42.87 1.69 0.00	38.90 1.85 0.00	33.80 1.67 0.00	32.30 1.83 0.00	34.01 1.86 0.00	34.24 1.97 0.00	34.38 1.95 0.00	35.30 2.09 0.00	38.50 1.87 0.00	43.49 2.03 0.00	51.00 1.91 0.00	61.63 2.14 0.00	56.75 1.87 0.00	45.69 1.59 0.00	40.21 1.58 0.00	38.01 1.46 0.00	34.42 1.36 0.00
GLENWOOD_IC_3_G1 23689	36.07 1.62 0.00	30.73 1.35 0.00	29.57 1.27 0.00	28.45 1.20 0.00	29.71 1.20 0.00	31.84 1.08 0.00	39.29 1.62 0.00	42.87 1.69 0.00	38.90 1.85 0.00	33.80 1.67 0.00	32.30 1.83 0.00	34.01 1.86 0.00	34.24 1.97 0.00	34.38 1.95 0.00	35.30 2.09 0.00	38.50 1.87 0.00	43.49 2.03 0.00	51.00 1.91 0.00	61.63 2.14 0.00	56.75 1.87 0.00	45.69 1.59 0.00	40.21 1.58 0.00	38.01 1.46 0.00	34.42 1.36 0.00
GLENWOOD____4 23550	36.14 1.69 0.00	30.79 1.41 0.00	29.60 1.30 0.00	28.51 1.25 0.00	29.76 1.25 0.00	31.87 1.11 0.00	39.40 1.73 0.00	42.87 1.69 0.00	38.97 1.93 0.00	33.90 1.77 0.00	32.46 1.98 0.00	34.17 2.03 0.00	34.40 2.13 0.00	34.57 2.14 0.00	35.48 2.26 -0.02	38.61 1.98 0.00	43.45 1.99 0.00	50.95 1.87 0.00	61.40 1.90 0.00	56.48 1.59 0.00	45.38 1.28 0.00	40.21 1.58 0.00	38.05 1.50 0.00	34.42 1.36 0.00
GLENWOOD____5 23614	36.14 1.69 0.00	30.79 1.41 0.00	29.60 1.30 0.00	28.51 1.25 0.00	29.76 1.25 0.00	31.87 1.11 0.00	39.40 1.73 0.00	42.87 1.69 0.00	38.97 1.93 0.00	33.90 1.77 0.00	32.46 1.98 0.00	34.17 2.03 0.00	34.40 2.13 0.00	34.57 2.14 0.00	35.48 2.26 -0.02	38.61 1.98 0.00	43.45 1.99 0.00	50.95 1.87 0.00	61.40 1.90 0.00	56.48 1.59 0.00	45.38 1.28 0.00	40.21 1.58 0.00	38.05 1.50 0.00	34.42 1.36 0.00
GLOBAL GREEN_PORT_GT1 23814	36.38 1.93 0.00	30.97 1.59 0.00	29.86 1.56 0.00	28.78 1.53 0.00	30.07 1.57 0.00	32.21 1.45 0.00	39.82 2.15 0.00	43.20 2.02 0.00	39.45 2.41 0.00	34.29 2.15 0.00	33.06 2.59 0.00	34.72 2.57 0.00	34.88 2.61 0.00	35.03 2.60 0.00	36.07 2.86 -0.01	38.83 2.20 0.00	43.66 2.20 0.00	51.63 2.50 -0.04	61.81 2.32 0.00	56.97 2.09 0.00	45.33 1.23 0.01	39.78 1.16 0.01	37.35 0.80 0.00	34.15 1.09 0.00
GLOBE____DSASP 323697	32.42 -2.03 0.00	27.47 -1.91 0.00	26.72 -1.58 0.00	26.06 -1.20 0.00	27.40 -1.11 0.00	29.53 -1.23 0.00	34.35 -3.31 0.00	37.48 -3.71 0.00	34.19 -2.85 0.00	29.95 -2.18 0.00	29.04 -1.43 0.00	30.47 -1.67 0.00	30.40 -1.87 0.00	30.42 -2.01 0.00	30.82 -2.39 0.00	34.11 -2.53 0.00	37.40 -4.06 0.00	44.28 -4.81 0.00	53.90 -5.59 0.00	49.67 -5.21 0.00	39.87 -4.23 0.00	34.84 -3.79 0.00	33.81 -2.74 0.00	31.54 -1.52 0.00
GOETHSLN____LBMP 323567	36.00 1.55 0.00	30.70 1.32 0.00	29.49 1.19 0.00	28.40 1.14 0.00	29.65 1.14 0.00	31.77 1.02 0.00	39.25 1.58 0.00	42.95 1.77 0.00	38.86 1.82 0.00	33.77 1.64 0.00	32.18 1.71 0.00	33.88 1.74 0.00	34.08 1.81 0.00	34.25 1.82 0.00	35.10 1.89 0.00	38.50 1.87 0.00	43.32 1.87 0.01	50.76 1.67 0.00	61.34 1.84 0.00	56.42 1.54 0.00	45.47 1.37 0.00	40.21 1.58 0.00	38.08 1.54 0.00	34.32 1.26 0.00
GOLAH____69_KV_TB 1_2 80279	33.97 -0.48 0.00	28.94 -0.44 0.00	28.05 -0.25 0.00	27.12 -0.14 0.00	28.48 -0.03 0.00	30.73 -0.03 0.00	36.54 -1.13 0.00	39.91 -1.28 0.00	36.16 -0.89 0.00	31.49 -0.64 0.00	30.11 -0.37 0.00	31.63 -0.51 0.00	31.66 -0.61 0.00	31.82 -0.62 0.00	32.41 -0.80 0.00	35.90 -0.73 0.00	39.93 -1.53 0.00	47.42 -1.67 0.00	57.89 -1.61 0.00	53.40 -1.48 0.00	42.78 -1.32 0.00	37.28 -1.35 0.00	35.71 -0.84 0.00	32.90 -0.17 0.00
GOODYEAR_LAKE_HYD 323669	35.48 1.03 0.00	30.26 0.88 0.00	29.12 0.82 0.00	28.04 0.79 0.00	29.36 0.86 0.00	31.62 0.86 0.00	38.76 1.09 0.00	42.38 1.19 0.00	37.97 0.93 0.00	32.71 0.58 0.00	30.99 0.52 0.00	32.66 0.51 0.00	32.82 0.55 0.00	32.98 0.55 0.00	33.84 0.63 0.00	37.40 0.77 0.00	42.46 1.00 0.00	50.32 1.23 0.00	61.10 1.61 0.00	56.42 1.54 0.00	45.43 1.32 0.00	39.83 1.20 0.00	37.65 1.10 0.00	34.02 0.96 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	34.41 -0.03 0.00	29.32 -0.06 0.00	28.27 -0.03 0.00	27.31 0.05 0.00	28.59 0.09 0.00	30.82 0.06 0.00	37.37 -0.30 0.00	40.89 -0.29 0.00	36.86 -0.19 0.00	31.94 -0.19 0.00	30.44 -0.03 0.00	32.08 -0.06 0.00	32.11 -0.16 0.00	32.24 -0.19 0.00	32.94 -0.27 0.00	36.41 -0.22 0.00	41.01 -0.46 0.00	48.70 -0.39 0.00	59.14 -0.36 0.00	54.56 -0.33 0.00	43.84 -0.26 0.00	38.36 -0.27 0.00	36.40 -0.15 0.00	33.13 0.07 0.00

GOUDEY___7 23579	34.41 -0.03 0.00	29.32 -0.06 0.00	28.27 -0.03 0.00	27.31 0.05 0.00	28.59 0.09 0.00	30.82 0.06 0.00	37.37 -0.30 0.00	40.89 -0.29 0.00	36.86 -0.19 0.00	31.94 -0.19 0.00	30.44 -0.03 0.00	32.08 -0.06 0.00	32.11 -0.16 0.00	32.24 -0.19 0.00	32.94 -0.27 0.00	36.41 -0.22 0.00	41.01 -0.46 0.00	48.70 -0.39 0.00	59.14 -0.36 0.00	54.56 -0.33 0.00	43.84 -0.26 0.00	38.36 -0.27 0.00	36.40 -0.15 0.00	33.13 0.07 0.00
GOUDEY___8 23580	34.41 -0.03 0.00	29.32 -0.06 0.00	28.27 -0.03 0.00	27.31 0.05 0.00	28.59 0.09 0.00	30.82 0.06 0.00	37.37 -0.30 0.00	40.89 -0.29 0.00	36.86 -0.19 0.00	31.94 -0.19 0.00	30.44 -0.03 0.00	32.08 -0.06 0.00	32.11 -0.16 0.00	32.24 -0.19 0.00	32.94 -0.27 0.00	36.41 -0.22 0.00	41.01 -0.46 0.00	48.70 -0.39 0.00	59.14 -0.36 0.00	54.56 -0.33 0.00	43.84 -0.26 0.00	38.36 -0.27 0.00	36.40 -0.15 0.00	33.13 0.07 0.00
GOWANUS_GT1_1 24077	36.52 2.07 -0.01	31.11 1.73 0.00	29.88 1.58 0.00	28.75 1.50 0.00	29.99 1.48 0.00	32.05 1.29 0.00	39.55 1.88 0.00	42.91 1.73 0.00	39.09 2.04 0.00	33.93 1.80 0.00	32.27 1.80 0.00	34.07 1.93 0.00	34.30 2.03 0.00	34.47 2.04 0.00	35.36 2.16 0.00	38.79 2.16 0.00	43.45 1.99 0.00	50.71 1.62 0.00	61.27 1.78 0.01	56.42 1.54 0.01	45.56 1.46 0.00	40.33 1.70 0.00	38.52 1.97 0.00	34.75 1.69 0.00
GOWANUS_GT1_2 24078	36.52 2.07 -0.01	31.11 1.73 0.00	29.88 1.58 0.00	28.75 1.50 0.00	29.99 1.48 0.00	32.05 1.29 0.00	39.55 1.88 0.00	42.91 1.73 0.00	39.09 2.04 0.00	33.93 1.80 0.00	32.27 1.80 0.00	34.07 1.93 0.00	34.30 2.03 0.00	34.47 2.04 0.00	35.36 2.16 0.00	38.79 2.16 0.00	43.45 1.99 0.00	50.71 1.62 0.00	61.27 1.78 0.01	56.42 1.54 0.01	45.56 1.46 0.00	40.33 1.70 0.00	38.52 1.97 0.00	34.75 1.69 0.00
GOWANUS_GT1_3 24079	36.52 2.07 -0.01	31.11 1.73 0.00	29.88 1.58 0.00	28.75 1.50 0.00	29.99 1.48 0.00	32.05 1.29 0.00	39.55 1.88 0.00	42.91 1.73 0.00	39.09 2.04 0.00	33.93 1.80 0.00	32.27 1.80 0.00	34.07 1.93 0.00	34.30 2.03 0.00	34.47 2.04 0.00	35.36 2.16 0.00	38.79 2.16 0.00	43.45 1.99 0.00	50.71 1.62 0.00	61.27 1.78 0.01	56.42 1.54 0.01	45.56 1.46 0.00	40.33 1.70 0.00	38.52 1.97 0.00	34.75 1.69 0.00
GOWANUS_GT1_4 24080	36.52 2.07 -0.01	31.11 1.73 0.00	29.88 1.58 0.00	28.75 1.50 0.00	29.99 1.48 0.00	32.05 1.29 0.00	39.55 1.88 0.00	42.91 1.73 0.00	39.09 2.04 0.00	33.93 1.80 0.00	32.27 1.80 0.00	34.07 1.93 0.00	34.30 2.03 0.00	34.47 2.04 0.00	35.36 2.16 0.00	38.79 2.16 0.00	43.45 1.99 0.00	50.71 1.62 0.00	61.27 1.78 0.01	56.42 1.54 0.01	45.56 1.46 0.00	40.33 1.70 0.00	38.52 1.97 0.00	34.75 1.69 0.00
GOWANUS_GT1_5 24084	36.52 2.07 -0.01	31.11 1.73 0.00	29.88 1.58 0.00	28.75 1.50 0.00	29.99 1.48 0.00	32.05 1.29 0.00	39.55 1.88 0.00	42.91 1.73 0.00	39.09 2.04 0.00	33.93 1.80 0.00	32.27 1.80 0.00	34.07 1.93 0.00	34.30 2.03 0.00	34.47 2.04 0.00	35.36 2.16 0.00	38.79 2.16 0.00	43.45 1.99 0.00	50.71 1.62 0.00	61.27 1.78 0.01	56.42 1.54 0.01	45.56 1.46 0.00	40.33 1.70 0.00	38.52 1.97 0.00	34.75 1.69 0.00
GOWANUS_GT1_6 24111	36.52 2.07 -0.01	31.11 1.73 0.00	29.88 1.58 0.00	28.75 1.50 0.00	29.99 1.48 0.00	32.05 1.29 0.00	39.55 1.88 0.00	42.91 1.73 0.00</																

GOWANUS_GT2_6 24119	36.52 2.07 -0.01	31.11 1.73 0.00	29.88 1.58 0.00	28.75 1.50 0.00	29.99 1.48 0.00	32.05 1.29 0.00	39.44 1.77 0.00	42.91 1.73 0.00	39.08 2.04 0.00	33.93 1.80 0.00	32.27 1.80 0.00	34.07 1.93 0.00	34.30 2.03 0.00	34.44 2.01 0.00	35.36 2.16 0.00	38.79 2.16 0.00	43.62 2.15 0.00	50.71 1.62 0.00	61.39 1.90 0.01	56.52 1.65 0.01	45.69 1.59 0.00	40.45 1.82 0.00	38.49 1.94 0.00	34.78 1.72 0.00
GOWANUS_GT2_7 24120	36.52 2.07 -0.01	31.11 1.73 0.00	29.88 1.58 0.00	28.75 1.50 0.00	29.99 1.48 0.00	32.05 1.29 0.00	39.44 1.77 0.00	42.91 1.73 0.00	39.08 2.04 0.00	33.93 1.80 0.00	32.27 1.80 0.00	34.07 1.93 0.00	34.30 2.03 0.00	34.44 2.01 0.00	35.36 2.16 0.00	38.79 2.16 0.00	43.62 2.15 0.00	50.71 1.62 0.00	61.39 1.90 0.01	56.52 1.65 0.01	45.69 1.59 0.00	40.45 1.82 0.00	38.49 1.94 0.00	34.78 1.72 0.00
GOWANUS_GT2_8 24121	36.52 2.07 -0.01	31.11 1.73 0.00	29.88 1.58 0.00	28.75 1.50 0.00	29.99 1.48 0.00	32.05 1.29 0.00	39.44 1.77 0.00	42.91 1.73 0.00	39.08 2.04 0.00	33.93 1.80 0.00	32.27 1.80 0.00	34.07 1.93 0.00	34.30 2.03 0.00	34.44 2.01 0.00	35.36 2.16 0.00	38.79 2.16 0.00	43.62 2.15 0.00	50.71 1.62 0.00	61.39 1.90 0.01	56.52 1.65 0.01	45.69 1.59 0.00	40.45 1.82 0.00	38.49 1.94 0.00	34.78 1.72 0.00
GOWANUS_GT3_1 24122	36.52 2.07 -0.01	31.11 1.73 0.00	29.88 1.58 0.00	28.75 1.50 0.00	29.99 1.48 0.00	32.05 1.29 0.00	39.44 1.77 0.00	42.91 1.73 0.00	39.08 2.04 0.00	33.93 1.80 0.00	32.27 1.80 0.00	34.07 1.93 0.00	34.30 2.03 0.00	34.44 2.01 0.00	35.36 2.16 0.00	38.79 2.16 0.00	43.62 2.15 0.00	50.71 1.62 0.00	61.39 1.90 0.01	56.52 1.65 0.01	45.69 1.59 0.00	40.45 1.82 0.00	38.49 1.94 0.00	34.78 1.72 0.00
GOWANUS_GT3_2 24123	36.52 2.07 -0.01	31.11 1.73 0.00	29.88 1.58 0.00	28.75 1.50 0.00	29.99 1.48 0.00	32.05 1.29 0.00	39.44 1.77 0.00	42.91 1.73 0.00	39.08 2.04 0.00	33.93 1.80 0.00	32.27 1.80 0.00	34.07 1.93 0.00	34.30 2.03 0.00	34.44 2.01 0.00	35.36 2.16 0.00	38.79 2.16 0.00	43.62 2.15 0.00	50.71 1.62 0.00	61.39 1.90 0.01	56.52 1.65 0.01	45.69 1.59 0.00	40.45 1.82 0.00	38.49 1.94 0.00	34.78 1.72 0.00
GOWANUS_GT3_3 24124	36.52 2.07 -0.01	31.11 1.73 0.00	29.88 1.58 0.00	28.75 1.50 0.00	29.99 1.48 0.00	32.05 1.29 0.00	39.44 1.77 0.00	42.91 1.73 0.00	39.08 2.04 0.00	33.93 1.80 0.00	32.27 1.80 0.00	34.07 1.93 0.00	34.30 2.03 0.00	34.44 2.01 0.00	35.36 2.16 0.00	38.79 2.16 0.00	43.62 2.15 0.00	50.71 1.62 0.00	61.39 1.90 0.01	56.52 1.65 0.01	45.69 1.59 0.00	40.45 1.82 0.00	38.49 1.94 0.00	34.78 1.72 0.00
GOWANUS_GT3_4 24125	36.52 2.07 -0.01	31.11 1.73 0.00	29.88 1.58 0.00	28.75 1.50 0.00	29.99 1.48 0.00	32.05 1.29 0.00	39.44 1.77 0.00	42.91 1.73 0.00	39.08 2.04 0.00	33.93 1.80 0.00	32.27 1.80 0.00	34.07 1.93 0.00	34.30 2.03 0.00	34.44 2.01 0.00	35.36 2.16 0.00	38.79 2.16 0.00	43.62 2.15 0.00	50.71 1.62 0.00	61.39 1.90 0.01	56.52 1.65 0.01	45.69 1.59 0.00	40.45 1.82 0.00	38.49 1.94 0.00	34.78 1.72 0.00
GOWANUS_GT3_5 24126	36.52 2.07 -0.01	31.11 1.73 0.00	29.88 1.58 0.00	28.75 1.50 0.00	29.99 1.48 0.00	32.05 1.29 0.00	39.44 1.77 0.00	42.91 1.73 0.00	39.08 2.04 0.00	33.93 1.80 0.00	32.27 1.80 0.00	34.07 1.93 0.00	34.30 2.03 0.00	34.44 2.01 0.00	35.36 2.16 0.00	38.79 2.16 0.00	43.62 2.15 0.00	50.71 1.62 0.00	61.39 1.90 0.01	56.52 1.65 0.01	45.69 1.59 0.00	40.45 1.82 0.00	38.49 1.94 0.00	34.78 1.72 0.00
GOWANUS_GT3_6 24127	36.52 2.07 -0.01	31.11 1.73 0.00	29.88 1.58 0.00	28.75 1.50 0.00	29.99 1.48 0.00	32.05 1.29 0.00	39.44 1.77 0.00	42.91 1.73 0.00	39.08 2.04 0.00	33.93 1.80 0.00	32.27 1.80 0.00	34.07 1.93 0.00	34.30 2.03 0.00	34.44 2.01 0.00	35.36 2.16 0.00	38.79 2.16 0.00	43.62 2.15 0.00	50.71 1.62 0.00	61.39 1.90 0.01	56.52 1.65 0.01	45.69 1.59 0.00	40.45 1.82 0.00	38.49 1.94 0.00	34.78 1.72 0.00
GOWANUS_GT3_7 24128	36.52 2.07 -0.01	31.11 1.73 0.00	29.88 1.58 0.00	28.75 1.50 0.00	29.99 1.48 0.00	32.05 1.29 0.00	39.44 1.77 0.00	42.91 1.73 0.00	39.08 2.04 0.00	33.93 1.80 0.00	32.27 1.80 0.00	34.07 1.93 0.00	34.30 2.03 0.00	34.44 2.01 0.00	35.36 2.16 0.00	38.79 2.16 0.00	43.62 2.15 0.00	50.71 1.62 0.00	61.39 1.90 0.01	56.52 1.65 0.01	45.69 1.59 0.00	40.45 1.82 0.00	38.49 1.94 0.00	34.78 1.72 0.00
GOWANUS_GT3_8 24129	36.52 2.07 -0.01	31.11 1.73 0.00	29.88 1.58 0.00	28.75 1.50 0.00	29.99 1.48 0.00	32.05 1.29 0.00	39.44 1.77 0.00	42.91 1.73 0.00	39.08 2.04 0.00	33.93 1.80 0.00	32.27 1.80 0.00	34.07 1.93 0.00	34.30 2.03 0.00	34.44 2.01 0.00	35.36 2.16 0.00	38.79 2.16 0.00	43.62 2.15 0.00	50.71 1.62 0.00	61.39 1.90 0.01	56.52 1.65 0.01	45.69 1.59 0.00	40.45 1.82 0.00	38.49 1.94 0.00	34.78 1.72 0.00
GOWANUS_GT4_1 24130	36.52 2.07 -0.01	31.11 1.73 0.00	29.88 1.58 0.00	28.75 1.50 0.00	29.99 1.48 0.00	32.05 1.29 0.00	39.55 1.88 0.00	42.91 1.73 0.00	39.09 2.04 0.00	33.93 1.80 0.00	32.27 1.80 0.00	34.07 1.93 0.00	34.30 2.03 0.00	34.47 2.04 0.00	35.36 2.16 0.00	38.79 2.16 0.00	43.45 1.99 0.00	50.71 1.62 0.00	61.27 1.78 0.01	56.42 1.54 0.01	45.56 1.46 0.00	40.33 1.70 0.00	38.52 1.97 0.00	34.75 1.69 0.00
GOWANUS_GT4_2 24131	36.52 2.07 -0.01	31.11 1.73 0.00	29.88 1.58 0.00	28.75 1.50 0.00	29.99 1.48 0.00	32.05 1.29 0.00	39.55 1.88 0.00	42.91 1.73 0.00	39.09 2.04 0.00	33.93 1.80 0.00	32.27 1.80 0.00	34.07 1.93 0.00	34.30 2.03 0.00	34.47 2.04 0.00	35.36 2.16 0.00	38.79 2.16 0.00	43.45 1.99 0.00	50.71 1.62 0.00	61.27 1.78 0.01	56.42 1.54 0.01	45.56 1.46 0.00	40.33 1.70 0.00	38.52 1.97 0.00	34.75 1.69 0.00
GOWANUS_GT4_3 24132	36.52 2.07 -0.01	31.11 1.73 0.00	29.88 1.58 0.00	28.75 1.50 0.00	29.99 1.48 0.00	32.05 1.29 0.00	39.55 1.88 0.00	42.91 1.73 0.00	39.09 2.04 0.00	33.93 1.80 0.00	32.27 1.80 0.00	34.07 1.93 0.00	34.30 2.03 0.00	34.47 2.04 0.00	35.36 2.16 0.00	38.79 2.16 0.00	43.45 1.99 0.00	50.71 1.62 0.00	61.27 1.78 0.01	56.42 1.54 0.01	45.56 1.46 0.00	40.33 1.70 0.00	38.52 1.97 0.00	34.75 1.69 0.00
GOWANUS_GT4_4 24133	36.52 2.07 -0.01	31.11 1.73 0.00	29.88 1.58 0.00	28.75 1.50 0.00	29.99 1.48 0.00	32.05 1.29 0.00	39.55 1.88 0.00	42.91 1.73 0.00	39.09 2.04 0.00	33.93 1.80 0.00	32.27 1.80 0.00	34.07 1.93 0.00	34.30 2.03 0.00	34.47 2.04 0.00	35.36 2.16 0.00	38.79 2.16 0.00	43.45 1.99 0.00	50.71 1.62 0.00	61.27 1.78 0.01	56.42 1.54 0.01	45.56 1.46 0.00	40.33 1.70 0.00	38.52 1.97 0.00	34.75 1.69 0.00

GOWANUS_GT4_5 24134	36.52 2.07 -0.01	31.11 1.73 0.00	29.88 1.58 0.00	28.75 1.50 0.00	29.99 1.48 0.00	32.05 1.29 0.00	39.55 1.88 0.00	42.91 1.73 0.00	39.09 2.04 0.00	33.93 1.80 0.00	32.27 1.80 0.00	34.07 1.93 0.00	34.30 2.03 0.00	34.47 2.04 0.00	35.36 2.16 0.00	38.79 2.16 0.00	43.45 1.99 0.00	50.71 1.62 0.00	61.27 1.78 0.01	56.42 1.54 0.01	45.56 1.46 0.00	40.33 1.70 0.00	38.52 1.97 0.00	34.75 1.69 0.00
GOWANUS_GT4_6 24135	36.52 2.07 -0.01	31.11 1.73 0.00	29.88 1.58 0.00	28.75 1.50 0.00	29.99 1.48 0.00	32.05 1.29 0.00	39.55 1.88 0.00	42.91 1.73 0.00	39.09 2.04 0.00	33.93 1.80 0.00	32.27 1.80 0.00	34.07 1.93 0.00	34.30 2.03 0.00	34.47 2.04 0.00	35.36 2.16 0.00	38.79 2.16 0.00	43.45 1.99 0.00	50.71 1.62 0.00	61.27 1.78 0.01	56.42 1.54 0.01	45.56 1.46 0.00	40.33 1.70 0.00	38.52 1.97 0.00	34.75 1.69 0.00
GOWANUS_GT4_7 24136	36.52 2.07 -0.01	31.11 1.73 0.00	29.88 1.58 0.00	28.75 1.50 0.00	29.99 1.48 0.00	32.05 1.29 0.00	39.55 1.88 0.00	42.91 1.73 0.00	39.09 2.04 0.00	33.93 1.80 0.00	32.27 1.80 0.00	34.07 1.93 0.00	34.30 2.03 0.00	34.47 2.04 0.00	35.36 2.16 0.00	38.79 2.16 0.00	43.45 1.99 0.00	50.71 1.62 0.00	61.27 1.78 0.01	56.42 1.54 0.01	45.56 1.46 0.00	40.33 1.70 0.00	38.52 1.97 0.00	34.75 1.69 0.00
GOWANUS_GT4_8 24137	36.52 2.07 -0.01	31.11 1.73 0.00	29.88 1.58 0.00	28.75 1.50 0.00	29.99 1.48 0.00	32.05 1.29 0.00	39.55 1.88 0.00	42.91 1.73 0.00	39.09 2.04 0.00	33.93 1.80 0.00	32.27 1.80 0.00	34.07 1.93 0.00	34.30 2.03 0.00	34.47 2.04 0.00	35.36 2.16 0.00	38.79 2.16 0.00	43.45 1.99 0.00	50.71 1.62 0.00	61.27 1.78 0.01	56.42 1.54 0.01	45.56 1.46 0.00	40.33 1.70 0.00	38.52 1.97 0.00	34.75 1.69 0.00
GREATVRV_69_KV_BK1 356245	36.31 1.86 0.00	30.91 1.53 0.00	29.77 1.47 0.00	28.62 1.36 0.00	29.90 1.40 0.00	31.96 1.20 0.00	39.63 1.96 0.00	42.79 1.61 0.00	39.09 2.04 0.00	34.00 1.86 0.00	32.76 2.29 0.00	34.43 2.28 0.00	34.66 2.39 0.00	34.93 2.50 0.00	35.91 2.69 -0.01	38.72 2.09 0.00	43.50 2.03 0.00	51.22 2.11 -0.02	61.76 2.26 0.00	56.75 1.87 0.00	45.46 1.37 0.01	40.01 1.39 0.01	37.97 1.43 0.00	34.45 1.39 0.00
GREENBSH_115KV_TB3 55895	34.83 0.38 0.00	29.76 0.38 0.00	28.67 0.37 0.00	27.58 0.33 0.00	28.79 0.29 0.00	31.04 0.28 0.00	38.23 0.57 0.00	41.88 0.70 0.00	37.57 0.52 0.00	32.55 0.42 0.00	30.78 0.30 0.00	32.37 0.23 0.00	32.53 0.26 0.00	32.69 0.26 0.00	33.60 0.40 0.00	36.96 0.33 0.00	42.00 0.54 0.00	49.63 0.54 0.00	60.03 0.54 0.00	55.27 0.38 0.00	44.46 0.35 0.00	39.02 0.39 0.00	36.88 0.33 0.00	33.26 0.20 0.00
GREENDGE_115KV_TB5 80291	34.07 -0.38 0.00	29.00 -0.38 0.00	28.05 -0.25 0.00	27.12 -0.14 0.00	28.45 -0.06 0.00	30.76 0.00 0.00	37.03 -0.64 0.00	40.28 -0.91 0.00	36.57 -0.48 0.00	31.62 -0.51 0.00	30.17 -0.30 0.00	31.76 -0.39 0.00	31.79 -0.48 0.00	31.91 -0.52 0.00	32.58 -0.63 0.00	36.16 -0.48 0.00	40.39 -1.08 0.00	48.20 -0.88 0.00	58.84 -0.65 0.00	54.34 -0.55 0.00	43.49 -0.62 0.00	38.13 -0.50 0.00	36.22 -0.33 0.00	33.09 0.03 0.00
GREENIDGE___3 23582	34.07 -0.38 0.00	29.00 -0.38 0.00	28.05 -0.25 0.00	27.12 -0.14 0.00	28.45 -0.06 0.00	30.76 0.00 0.00	37.03 -0.64 0.00	40.28 -0.91 0.00	36.57 -0.48 0.00	31.62 -0.51 0.00	30.17 -0.30 0.00	31.76 -0.39 0.00	31.79 -0.48 0.00	31.91 -0.52 0.00	32.58 -0.63 0.00	36.16 -0.48 0.00	40.39 -1.08 0.00	48.20 -0.88 0.00	58.84 -0.65 0.00	54.34 -0.55 0.00	43.49 -0.62 0.00	38.13 -0.50 0.00	36.22 -0.33 0.00	33.09 0.03 0.00
GREENIDGE___4 23583	34.07 -0.38 0.00	29.00 -0.38 0.00	28.04 -0.26 0.00	27.12 -0.14 0.00	28.45 -0.06 0.00	30.76 0.00 0.00	37.11 -0.56 0.00	40.28 -0.91 0.00	36.56 -0.48 0.00	31.62 -0.52 0.00	30.17 -0.30 0.00	31.76 -0.38 0.00	31.79 -0.48 0.00	31.95 -0.49 0.00	32.57 -0.63 0.00	36.16 -0.48 0.00	40.43 -1.03 0.00	48.40 -0.69 0.00	59.02 -0.48 0.00	54.45 -0.44 0.00	43.49 -0.62 0.00	38.21 -0.42 0.00	36.40 -0.15 0.00	33.09 0.03 0.00
GREENLWN_69_KV_BK 3 55738	35.93 1.48 0.00	30.58 1.20 0.00	29.43 1.13 0.00	28.32 1.06 0.00	29.56 1.05 0.00	31.65 0.89 0.00	39.18 1.51 0.00	42.17 0.99 0.00	38.75 1.70 0.00	33.74 1.61 0.00	32.46 1.98 0.00	34.14 1.99 0.00	34.37 2.10 0.00	34.60 2.17 0.00	35.54 2.32 -0.01	38.10 1.47 0.00	42.71 1.24 0.00	50.41 1.33 0.01	60.51 1.01 0.00	55.65 0.77 0.00	44.63 0.53 0.01	39.36 0.73 0.01	37.54 0.99 0.00	34.15 1.09 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	36.52 2.07 -0.01	31.11 1.73 0.00	29.88 1.58 0.00	28.75 1.50 0.00	29.99 1.48 0.00	32.05 1.29 0.00	39.55 1.88 0.00	42.91 1.73 0.00	39.09 2.04 0.00	33.93 1.80 0.00	32.27 1.80 0.00	34.07 1.93 0.00	34.30 2.03 0.00	34.47 2.04 0.00	35.36 2.16 0.00	38.79 2.16 0.00	43.45 1.99 0.00	50.71 1.62 0.00	61.27 1.78 0.01	56.42 1.54 0.01	45.56 1.46 0.00	40.33 1.70 0.00	38.52 1.97 0.00	34.75 1.69 0.00
GRISSOM___SOLAR 323813	36.03 1.59 0.00	30.70 1.32 0.00	29.54 1.24 0.00	28.40 1.14 0.00	29.76 1.25 0.00	32.11 1.35 0.00	39.48 1.81 0.00	43.12 1.94 0.00	37.86 0.81 0.00	32.13 0.00 0.00	29.99 -0.49 0.00	31.60 -0.55 0.00	31.85 -0.42 0.00	32.08 -0.36 0.00	33.14 -0.07 0.00	36.89 0.26 0.00	42.37 0.91 0.00	50.85 1.76 0.00	62.35 2.86 0.00	57.36 2.47 0.00	46.13 2.03 0.00	40.41 1.78 0.00	38.12 1.57 0.00	34.45 1.39 0.00
GROVEVILLE___HYD 323602	36.14 1.69 0.00	30.79 1.41 0.00	29.60 1.30 0.00	28.54 1.28 0.00	29.76 1.25 0.00	31.96 1.20 0.00	39.51 1.85 0.00	43.16 1.98 0.00	38.90 1.85 0.00	33.74 1.61 0.00	32.00 1.52 0.00	33.69 1.54 0.00	33.92 1.65 0.00	34.15 1.72 0.00	35.00 1.79 0.00	38.46 1.83 0.00	43.50 2.03 0.00	51.25 2.16 0.00	62.11 2.62 0.00	57.19 2.31 0.00	45.87 1.76 0.00	40.37 1.74 0.00	38.19 1.64 0.00	34.45 1.39 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	34.24 -0.21 0.00	29.17 -0.21 0.00	28.13 -0.17 0.00	27.09 -0.16 0.00	28.37 -0.14 0.00	30.64 -0.12 0.00	37.25 -0.41 0.00	40.69 -0.49 0.00	36.64 -0.41 0.00	31.71 -0.42 0.00	30.14 -0.34 0.00	31.79 -0.35 0.00	31.88 -0.39 0.00	32.01 -0.42 0.00	32.77 -0.43 0.00	36.27 -0.37 0.00	40.92 -0.54 0.00	48.50 -0.59 0.00	58.90 -0.59 0.00	54.45 -0.44 0.00	43.71 -0.40 0.00	38.21 -0.42 0.00	36.18 -0.37 0.00	32.80 -0.26 0.00
HAMLTNNY_34_KV_TB 80303	34.24 -0.21 0.00	29.17 -0.21 0.00	28.13 -0.17 0.00	27.12 -0.14 0.00	28.39 -0.11 0.00	30.67 -0.09 0.00	37.25 -0.41 0.00	40.69 -0.49 0.00	36.64 -0.41 0.00	31.75 -0.39 0.00	30.17 -0.30 0.00	31.82 -0.32 0.00	31.88 -0.39 0.00	32.04 -0.39 0.00	32.77 -0.43 0.00	36.27 -0.37 0.00	40.92 -0.54 0.00	48.50 -0.59 0.00	58.96 -0.54 0.00	54.45 -0.44 0.00	43.71 -0.40 0.00	38.21 -0.42 0.00	36.18 -0.37 0.00	32.83 -0.23 0.00

HAMPSHIRE___PAPER_HYD 323593	34.79 0.34 0.00	29.73 0.35 0.00	28.64 0.34 0.00	27.47 0.22 0.00	28.79 0.29 0.00	31.10 0.34 0.00	38.27 0.60 0.00	41.80 0.62 0.00	37.46 0.41 0.00	32.29 0.16 0.00	30.44 -0.03 0.00	32.27 0.13 0.00	32.46 0.19 0.00	32.72 0.29 0.00	33.50 0.30 0.00	37.04 0.40 0.00	42.09 0.62 0.00	50.07 0.98 0.00	61.10 1.61 0.00	56.69 1.81 0.00	45.47 1.37 0.00	39.79 1.16 0.00	37.61 1.06 0.00	33.82 0.76 0.00
HARDSCRABBLE_WT_PWR 323673	35.17 0.72 0.00	30.03 0.65 0.00	28.92 0.62 0.00	27.83 0.57 0.00	29.13 0.63 0.00	31.41 0.65 0.00	38.46 0.79 0.00	42.05 0.87 0.00	37.75 0.70 0.00	32.74 0.61 0.00	31.05 0.58 0.00	32.75 0.61 0.00	32.88 0.61 0.00	33.05 0.61 0.00	33.87 0.66 0.00	37.40 0.77 0.00	42.29 0.83 0.00	49.92 0.83 0.00	60.33 0.83 0.00	55.55 0.66 0.00	44.59 0.49 0.00	39.10 0.47 0.00	36.91 0.37 0.00	33.36 0.30 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	36.03 1.58 0.00	30.73 1.35 0.00	29.55 1.25 0.00	28.48 1.23 0.00	29.71 1.20 0.00	31.87 1.11 0.00	39.33 1.66 0.00	42.99 1.81 0.00	38.75 1.70 0.00	33.64 1.51 0.00	32.00 1.52 0.00	33.65 1.51 0.00	33.88 1.61 0.00	34.09 1.65 0.00	34.90 1.69 0.00	38.32 1.69 0.00	43.33 1.87 0.00	51.00 1.91 0.00	61.82 2.32 0.00	56.92 2.03 0.00	45.74 1.63 0.00	40.25 1.62 0.00	38.08 1.54 0.00	34.35 1.29 0.00
HARSNRAD_115KV_TB1 81005	33.14 -1.31 0.00	28.18 -1.20 0.00	27.42 -0.88 0.00	26.71 -0.55 0.00	28.11 -0.40 0.00	30.24 -0.52 0.00	35.03 -2.64 0.00	38.26 -2.92 0.00	34.82 -2.22 0.00	30.49 -1.64 0.00	29.53 -0.94 0.00	30.99 -1.16 0.00	30.91 -1.36 0.00	30.94 -1.49 0.00	31.38 -1.83 0.00	34.76 -1.87 0.00	38.19 -3.28 0.00	45.31 -3.78 0.00	55.21 -4.28 0.00	50.88 -4.01 0.00	40.75 -3.35 0.00	35.58 -3.05 0.00	34.47 -2.08 0.00	32.37 -0.69 0.00
HARZA MOOSE___RIVER 24016	34.76 0.31 0.00	29.70 0.32 0.00	28.61 0.31 0.00	27.47 0.22 0.00	28.82 0.31 0.00	31.07 0.31 0.00	38.12 0.45 0.00	41.68 0.49 0.00	37.31 0.26 0.00	32.10 -0.03 0.00	30.26 -0.21 0.00	32.05 -0.10 0.00	32.27 0.00 0.00	32.56 0.13 0.00	33.41 0.20 0.00	37.00 0.37 0.00	41.96 0.50 0.00	49.82 0.74 0.00	60.68 1.19 0.00	56.20 1.32 0.00	45.16 1.06 0.00	39.56 0.93 0.00	37.46 0.91 0.00	33.66 0.60 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	34.07 -0.38 0.00	29.03 -0.35 0.00	27.99 -0.31 0.00	26.95 -0.30 0.00	28.22 -0.29 0.00	30.48 -0.28 0.00	37.03 -0.64 0.00	40.44 -0.74 0.00	36.42 -0.63 0.00	31.55 -0.58 0.00	29.99 -0.49 0.00	31.63 -0.51 0.00	31.69 -0.58 0.00	31.85 -0.58 0.00	32.61 -0.60 0.00	36.05 -0.59 0.00	40.68 -0.79 0.00	48.16 -0.93 0.00	58.48 -1.01 0.00	54.01 -0.88 0.00	43.35 -0.75 0.00	37.97 -0.66 0.00	35.96 -0.58 0.00	32.60 -0.46 0.00
HELLGATE_13_KV_LD 55870	36.49 2.03 -0.01	31.11 1.73 0.00	29.88 1.58 0.00	28.75 1.50 0.00	29.99 1.48 0.00	32.14 1.38 0.00	39.70 2.03 0.00	43.20 2.02 0.00	39.31 2.26 0.00	34.12 1.99 0.00	32.49 2.01 0.00	34.26 2.12 0.00	34.50 2.23 0.00	34.64 2.21 0.00	35.53 2.32 0.00	38.98 2.34 0.00	43.74 2.28 0.00	51.00 1.91 0.00	61.57 2.08 0.01	56.69 1.81 0.01	45.82 1.72 0.00	40.56 1.93 0.00	38.56 2.01 0.00	34.78 1.72 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	36.49 2.03 -0.01	31.11 1.73 0.00	29.88 1.58 0.00	28.75 1.50 0.00	29.99 1.48 0.00	32.14 1.38 0.00	39.70 2.03 0.00	43.20 2.02 0.00	39.31 2.26 0.00	34.12 1.99 0.00	32.49 2.01 0.00	34.26 2.12 0.00	34.50 2.23 0.00	34.64 2.21 0.00	35.53 2.32 0.00	38.98 2.34 0.00	43.74 2.28 0.00	51.00 1.91 0.00	61.57 2.08 0.01	56.69 1.81 0.01	45.82 1.72 0.00	40.56 1.93 0.00	38.56 2.01 0.00	34.78 1.72 0.00
HEMPSTEAD____ 23647	35.93 1.48 0.00	30.59 1.21 0.00	29.43 1.13 0.00	28.32 1.06 0.00	29.56 1.06 0.00	31.65 0.89 0.00	39.06 1.39 0.00	42.46 1.28 0.00	38.72 1.67 0.00	33.71 1.57 0.00	32.33 1.86 0.00	34.04 1.90 0.00	34.27 2.00 0.00	34.44 2.01 0.00	35.41 2.19 -0.01	38.32 1.69 0.00	43.25 1.78 0.00	50.76 1.67 0.00	61.16 1.66 0.00	56.37 1.48 0.00	45.29 1.19 0.01	39.86 1.24 0.01	37.64 1.10 0.00	34.22 1.16 0.00
HICKLING___1 23621	33.86 -0.59 0.00	28.82 -0.56 0.00	27.90 -0.40 0.00	27.04 -0.22 0.00	28.37 -0.14 0.00	30.61 -0.15 0.00	36.73 -0.94 0.00	40.19 -0.99 0.00	36.27 -0.78 0.00	31.43 -0.71 0.00	30.11 -0.37 0.00	31.69 -0.45 0.00	31.69 -0.58 0.00	31.78 -0.65 0.00	32.38 -0.83 0.00	35.90 -0.73 0.00	40.22 -1.24 0.00	48.01 -1.08 0.00	58.54 -0.95 0.00	54.01 -0.88 0.00	43.22 -0.88 0.00	37.74 -0.89 0.00	35.93 -0.62 0.00	32.93 -0.13 0.00
HICKLING___2 23622	33.86 -0.59 0.00	28.82 -0.56 0.00	27.90 -0.40 0.00	27.04 -0.22 0.00	28.37 -0.14 0.00	30.61 -0.15 0.00	36.73 -0.94 0.00	40.19 -0.99 0.00	36.27 -0.78 0.00	31.43 -0.71 0.00	30.11 -0.37 0.00	31.69 -0.45 0.00	31.69 -0.58 0.00	31.78 -0.65 0.00	32.38 -0.83 0.00	35.90 -0.73 0.00	40.22 -1.24 0.00	48.01 -1.08 0.00	58.54 -0.95 0.00	54.01 -0.88 0.00	43.22 -0.88 0.00	37.74 -0.89 0.00	35.93 -0.62 0.00	32.93 -0.13 0.00
HIGH FALLS___HY 23754	36.34 1.89 0.00	30.94 1.56 0.00	29.77 1.47 0.00	28.70 1.44 0.00	29.93 1.43 0.00	32.11 1.35 0.00	39.70 2.03 0.00	43.32 2.14 0.00	39.09 2.04 0.00	33.87 1.74 0.00	32.18 1.71 0.00	33.85 1.70 0.00	34.08 1.81 0.00	34.31 1.88 0.00	35.13 1.93 0.00	38.65 2.01 0.00	43.70 2.24 0.00	51.49 2.41 0.00	62.53 3.03 0.00	57.63 2.74 0.00	46.18 2.07 0.00	40.64 2.01 0.00	38.41 1.86 0.00	34.65 1.59 0.00
HIGH_RIVER___SOLAR 323847	35.86 1.41 0.00	30.59 1.21 0.00	29.43 1.13 0.00	28.29 1.04 0.00	29.62 1.11 0.00	31.96 1.20 0.00	39.25 1.58 0.00	42.83 1.65 0.00	37.60 0.56 0.00	32.16 0.03 0.00	30.23 -0.24 0.00	31.85 -0.29 0.00	32.04 -0.22 0.00	32.24 -0.19 0.00	33.21 0.00 0.00	36.82 0.18 0.00	42.12 0.66 0.00	50.51 1.42 0.00	62.05 2.56 0.00	57.08 2.20 0.00	45.91 1.81 0.00	40.21 1.58 0.00	37.97 1.42 0.00	34.32 1.26 0.00
HILLBURN___GT 23639	36.00 1.55 0.00	30.70 1.32 0.00	29.49 1.19 0.00	28.43 1.17 0.00	29.65 1.14 0.00	31.81 1.05 0.00	39.21 1.55 0.00	42.99 1.81 0.00	38.79 1.74 0.00	33.67 1.54 0.00	32.06 1.58 0.00	33.75 1.61 0.00	33.91 1.64 0.00	34.08 1.65 0.00	34.90 1.69 0.00	38.32 1.69 0.00	43.41 1.95 0.00	51.00 1.91 0.00	61.81 2.32 0.00	56.86 1.97 0.00	45.74 1.63 0.00	40.25 1.62 0.00	38.08 1.53 0.00	34.38 1.32 0.00
HILLSIDE_115KV_TB1 80332	33.66 -0.79 0.00	28.65 -0.73 0.00	27.68 -0.62 0.00	26.85 -0.41 0.00	28.14 -0.37 0.00	30.30 -0.46 0.00	36.46 -1.21 0.00	39.91 -1.28 0.00	35.97 -1.07 0.00	31.20 -0.93 0.00	29.93 -0.55 0.00	31.47 -0.68 0.00	31.46 -0.81 0.00	31.56 -0.88 0.00	32.11 -1.10 0.00	35.57 -1.06 0.00	39.89 -1.58 0.00	47.52 -1.57 0.00	57.83 -1.67 0.00	53.35 -1.54 0.00	42.78 -1.32 0.00	37.39 -1.24 0.00	35.60 -0.95 0.00	32.60 -0.46 0.00

HISHELDN_WT_PWR 323625	32.69 -1.76 0.00	27.85 -1.53 0.00	27.17 -1.13 0.00	26.46 -0.79 0.00	27.85 -0.65 0.00	30.02 -0.74 0.00	35.52 -2.15 0.00	38.59 -2.59 0.00	34.86 -2.19 0.00	30.43 -1.70 0.00	29.32 -1.16 0.00	30.79 -1.35 0.00	30.88 -1.39 0.00	31.04 -1.39 0.00	31.45 -1.76 0.00	34.95 -1.68 0.00	38.73 -2.74 0.00	46.59 -2.50 0.00	56.58 -2.91 0.00	52.03 -2.86 0.00	41.46 -2.65 0.00	36.31 -2.32 0.00	35.12 -1.43 0.00	32.33 -0.73 0.00
HOLTSVILLE_IC_1 23690	35.93 1.48 0.00	30.59 1.21 0.00	29.46 1.16 0.00	28.35 1.09 0.00	29.59 1.08 0.00	31.65 0.89 0.00	39.10 1.43 0.00	42.42 1.23 0.00	38.75 1.71 0.00	33.71 1.57 0.00	32.43 1.95 0.00	34.14 1.99 0.00	34.34 2.07 0.00	34.54 2.11 0.00	35.57 2.36 -0.01	38.32 1.69 0.00	43.16 1.70 0.00	50.99 1.86 -0.04	61.04 1.54 0.00	56.31 1.42 0.00	45.07 0.97 0.01	39.67 1.04 0.01	37.46 0.91 0.00	34.15 1.09 0.00
HOLTSVILLE_IC_10 23699	36.07 1.62 0.00	30.70 1.32 0.00	29.54 1.24 0.00	28.43 1.17 0.00	29.68 1.17 0.00	31.74 0.98 0.00	39.25 1.58 0.00	42.54 1.36 0.00	38.90 1.85 0.00	33.83 1.70 0.00	32.55 2.07 0.00	34.26 2.12 0.00	34.49 2.22 0.00	34.67 2.24 0.00	35.71 2.49 -0.01	38.50 1.87 0.00	43.37 1.91 0.00	51.24 2.11 -0.04	61.34 1.85 0.00	56.59 1.70 0.00	45.29 1.19 0.01	39.86 1.24 0.01	37.61 1.06 0.00	34.28 1.22 0.00
HOLTSVILLE_IC_2 23691	35.93 1.48 0.00	30.59 1.21 0.00	29.46 1.16 0.00	28.35 1.09 0.00	29.59 1.08 0.00	31.65 0.89 0.00	39.10 1.43 0.00	42.42 1.23 0.00	38.75 1.71 0.00	33.71 1.57 0.00	32.43 1.95 0.00	34.14 1.99 0.00	34.34 2.07 0.00	34.54 2.11 0.00	35.57 2.36 -0.01	38.32 1.69 0.00	43.16 1.70 0.00	50.99 1.86 -0.04	61.04 1.54 0.00	56.31 1.42 0.00	45.07 0.97 0.01	39.67 1.04 0.01	37.46 0.91 0.00	34.15 1.09 0.00
HOLTSVILLE_IC_3 23692	35.93 1.48 0.00	30.59 1.21 0.00	29.46 1.16 0.00	28.35 1.09 0.00	29.59 1.08 0.00	31.65 0.89 0.00	39.10 1.43 0.00	42.42 1.23 0.00	38.75 1.71 0.00	33.71 1.57 0.00	32.43 1.95 0.00	34.14 1.99 0.00	34.34 2.07 0.00	34.54 2.11 0.00	35.57 2.36 -0.01	38.32 1.69 0.00	43.16 1.70 0.00	50.99 1.86 -0.04	61.04 1.54 0.00	56.31 1.42 0.00	45.07 0.97 0.01	39.67 1.04 0.01	37.46 0.91 0.00	34.15 1.09 0.00
HOLTSVILLE_IC_4 23693	35.93 1.48 0.00	30.59 1.21 0.00	29.46 1.16 0.00	28.35 1.09 0.00	29.59 1.08 0.00	31.65 0.89 0.00	39.10 1.43 0.00	42.42 1.23 0.00	38.75 1.71 0.00	33.71 1.57 0.00	32.43 1.95 0.00	34.14 1.99 0.00	34.34 2.07 0.00	34.54 2.11 0.00	35.57 2.36 -0.01	38.32 1.69 0.00	43.16 1.70 0.00	50.99 1.86 -0.04	61.04 1.54 0.00	56.31 1.42 0.00	45.07 0.97 0.01	39.67 1.04 0.01	37.46 0.91 0.00	34.15 1.09 0.00
HOLTSVILLE_IC_5 23694	35.93 1.48 0.00	30.59 1.21 0.00	29.46 1.16 0.00	28.35 1.09 0.00	29.59 1.08 0.00	31.65 0.89 0.00	39.10 1.43 0.00	42.42 1.23 0.00	38.75 1.71 0.00	33.71 1.57 0.00	32.43 1.95 0.00	34.14 1.99 0.00	34.34 2.07 0.00	34.54 2.11 0.00	35.57 2.36 -0.01	38.32 1.69 0.00	43.16 1.70 0.00	50.99 1.86 -0.04	61.04 1.54 0.00	56.31 1.42 0.00	45.07 0.97 0.01	39.67 1.04 0.01	37.46 0.91 0.00	34.15 1.09 0.00
HOLTSVILLE_IC_6 23695	36.07 1.62 0.00	30.70 1.32 0.00	29.54 1.24 0.00	28.43 1.17 0.00	29.68 1.17 0.00	31.74 0.98 0.00	39.25 1.58 0.00	42.54 1.36 0.00	38.90 1.85 0.00	33.83 1.70 0.00	32.55 2.07 0.00	34.26 2.12 0.00	34.49 2.22 0.00	34.67 2.24 0.00	35.71 2.49 -0.01	38.50 1.87 0.00	43.37 1.91 0.00	51.24 2.11 -0.04	61.34 1.85 0.00	56.59 1.70 0.00	45.29 1.19 0.01	39.86 1.24 0.01	37.61 1.06 0.00	34.28 1.22 0.00
HOLTSVILLE_IC_7 23696	36.07 1.62 0.00	30.70 1.32 0.00	29.54 1.24 0.00	28.43 1.17 0.00	29.68 1.17 0.00	31.74 0.98 0.00	39.25 1.58 0.00	42.54 1.36 0.00	38.90 1.85 0.00	33.83 1.70 0.00	32.55 2.07 0.00	34.26 2.12 0.00	34.49 2.22 0.00	34.67 2.24 0.00	35.71 2.49 -0.01	38.50 1.87 0.00	43.37 1.91 0.00	51.24 2.11 -0.04	61.34 1.85 0.00	56.59 1.70 0.00	45.29 1.19 0.01	39.86 1.24 0.01	37.61 1.06 0.00	34.28 1.22 0.00
HOLTSVILLE_IC_8 23697	36.07 1.62 0.00	30.70 1.32 0.00	29.54 1.24 0.00	28.43 1.17 0.00	29.68 1.17 0.00	31.74 0.98 0.00	39.25 1.58 0.00	42.54 1.36 0.00	38.90 1.85 0.00	33.83 1.70 0.00	32.55 2.07 0.00	34.26 2.12 0.00	34.49 2.22 0.00	34.67 2.24 0.00	35.71 2.49 -0.01	38.50 1.87 0.00	43.37 1.91 0.00	51.24 2.11 -0.04	61.34 1.85 0.00	56.59 1.70 0.00	45.29 1.19 0.01	39.86 1.24 0.01	37.61 1.06 0.00	34.28 1.22 0.00
HOLTSVILLE_IC_9 23698	36.07 1.62 0.00	30.70 1.32 0.00	29.54 1.24 0.00	28.43 1.17 0.00	29.68 1.17 0.00	31.74 0.98 0.00	39.25 1.58 0.00	42.54 1.36 0.00	38.90 1.85 0.00	33.83 1.70 0.00	32.55 2.07 0.00	34.26 2.12 0.00	34.49 2.22 0.00	34.67 2.24 0.00	35.71 2.49 -0.01	38.50 1.87 0.00	43.37 1.91 0.00	51.24 2.11 -0.04	61.34 1.85 0.00	56.59 1.70 0.00	45.29 1.19 0.01	39.86 1.24 0.01	37.61 1.06 0.00	34.28 1.22 0.00
HOMER_HL_115KV_TB2 355744	32.66 -1.79 0.00	27.82 -1.56 0.00	26.97 -1.33 0.00	26.30 -0.95 0.00	27.62 -0.88 0.00	29.74 -1.02 0.00	35.26 -2.41 0.00	38.67 -2.51 0.00	34.97 -2.07 0.00	30.53 -1.61 0.00	29.56 -0.91 0.00	31.05 -1.09 0.00	30.88 -1.39 0.00	30.91 -1.52 0.00	31.25 -1.96 0.00	34.69 -1.94 0.00	38.48 -2.99 0.00	45.95 -3.14 0.00	56.10 -3.39 0.00	51.70 -3.18 0.00	41.33 -2.78 0.00	36.04 -2.59 0.00	34.61 -1.94 0.00	32.04 -1.02 0.00
HOWARD_WT_PWR 323690	32.66 -1.79 0.00	27.82 -1.56 0.00	27.08 -1.22 0.00	26.33 -0.93 0.00	27.71 -0.80 0.00	29.99 -0.77 0.00	35.97 -1.69 0.00	39.29 -1.89 0.00	35.53 -1.52 0.00	30.85 -1.29 0.00	29.68 -0.79 0.00	31.21 -0.93 0.00	31.24 -1.03 0.00	31.39 -1.04 0.00	31.91 -1.30 0.00	35.50 -1.14 0.00	39.76 -1.70 0.00	47.96 -1.13 0.00	58.48 -1.01 0.00	53.84 -1.04 0.00	42.87 -1.23 0.00	37.47 -1.16 0.00	35.85 -0.70 0.00	32.76 -0.30 0.00
HQ_GEN_CEDARS 23644	34.86 0.41 0.00	29.76 0.38 0.00	28.67 0.37 0.00	27.58 0.33 0.00	28.85 0.34 0.00	31.19 0.43 0.00	38.38 0.72 0.00	41.92 0.74 0.00	37.71 0.67 0.00	32.77 0.64 0.00	31.02 0.55 0.00	32.85 0.71 0.00	32.98 0.71 0.00	33.11 0.68 0.00	33.84 0.63 0.00	37.33 0.70 0.00	42.33 0.87 0.00	50.32 1.23 0.00	61.16 1.67 0.00	56.53 1.65 0.00	45.29 1.19 0.00	39.52 0.89 0.00	37.35 0.80 0.00	33.75 0.69 0.00
HQ_GEN_CEDARS_PROXY 323590	34.86 0.41 0.00	29.76 0.38 0.00	28.67 0.37 0.00	27.58 0.33 0.00	28.82 0.31 0.00	31.19 0.43 0.00	38.38 0.71 0.00	41.92 0.74 0.00	37.72 0.67 0.00	32.77 0.64 0.00	31.02 0.55 0.00	32.85 0.71 0.00	32.98 0.71 0.00	33.11 0.68 0.00	33.84 0.63 0.00	37.33 0.69 0.00	41.74 0.87 0.59	50.91 1.23 -0.59	61.16 1.66 0.00	56.53 1.65 0.00	45.30 1.19 0.00	39.52 0.89 0.00	37.35 0.80 0.00	33.76 0.70 0.00

HQ_GEN_IMPORT 323601	34.48 0.03 0.00	29.41 0.03 0.00	28.33 0.03 0.00	27.28 0.03 0.00	28.54 0.03 0.00	30.82 0.06 0.00	37.82 0.15 0.00	41.35 0.17 0.00	37.23 0.19 0.00	32.33 0.19 0.00	30.66 0.18 0.00	32.37 0.23 0.00	32.50 0.23 0.00	32.66 0.23 0.00	33.41 0.20 0.00	36.85 0.22 0.00	41.12 0.25 0.59	50.03 0.35 -0.59	59.97 0.47 0.00	55.38 0.49 0.00	44.46 0.35 0.00	38.86 0.23 0.00	36.77 0.22 0.00	33.23 0.17 0.00
HQ_GEN_WHEEL 23651	34.48 0.03 0.00	29.41 0.03 0.00	28.33 0.03 0.00	27.28 0.03 0.00	28.54 0.03 0.00	30.82 0.06 0.00	37.82 0.15 0.00	41.35 0.17 0.00	37.23 0.19 0.00	32.33 0.19 0.00	30.66 0.18 0.00	32.37 0.23 0.00	32.50 0.23 0.00	32.66 0.23 0.00	33.41 0.20 0.00	36.85 0.22 0.00	41.12 0.25 0.59	50.03 0.35 -0.59	59.97 0.47 0.00	55.38 0.49 0.00	44.46 0.35 0.00	38.86 0.23 0.00	36.77 0.22 0.00	33.23 0.17 0.00
HUDSON AVE_GT_3 23810	36.24 1.79 0.00	30.91 1.53 0.00	29.69 1.39 0.00	28.59 1.34 0.00	29.82 1.31 0.00	31.99 1.23 0.00	39.51 1.85 0.00	43.20 2.02 0.00	39.12 2.07 0.00	33.96 1.83 0.00	32.33 1.86 0.00	34.10 1.96 0.00	34.30 2.03 0.00	34.47 2.04 0.00	35.33 2.13 0.00	38.76 2.12 0.00	43.66 2.20 0.00	51.15 2.06 0.00	61.76 2.26 0.00	56.86 1.98 0.00	45.82 1.72 0.00	40.45 1.82 0.00	38.34 1.79 0.00	34.55 1.49 0.00
HUDSON AVE_GT_4 23540	36.24 1.79 0.00	30.91 1.53 0.00	29.69 1.39 0.00	28.59 1.34 0.00	29.82 1.31 0.00	31.99 1.23 0.00	39.51 1.85 0.00	43.20 2.02 0.00	39.12 2.07 0.00	33.96 1.83 0.00	32.33 1.86 0.00	34.10 1.96 0.00	34.30 2.03 0.00	34.47 2.04 0.00	35.33 2.13 0.00	38.76 2.12 0.00	43.66 2.20 0.00	51.15 2.06 0.00	61.76 2.26 0.00	56.86 1.98 0.00	45.82 1.72 0.00	40.45 1.82 0.00	38.34 1.79 0.00	34.55 1.49 0.00
HUDSON AVE_GT_5 23657	36.24 1.79 0.00	30.91 1.53 0.00	29.69 1.39 0.00	28.59 1.34 0.00	29.82 1.31 0.00	31.99 1.23 0.00	39.51 1.85 0.00	43.20 2.02 0.00	39.12 2.07 0.00	33.96 1.83 0.00	32.33 1.86 0.00	34.10 1.96 0.00	34.30 2.03 0.00	34.47 2.04 0.00	35.33 2.13 0.00	38.76 2.12 0.00	43.66 2.20 0.00	51.15 2.06 0.00	61.76 2.26 0.00	56.86 1.98 0.00	45.82 1.72 0.00	40.45 1.82 0.00	38.34 1.79 0.00	34.55 1.49 0.00
HUDSON_AVE_10 24168	36.17 1.72 0.00	30.82 1.44 0.00	29.63 1.33 0.00	28.54 1.28 0.00	29.76 1.25 0.00	31.93 1.17 0.00	39.44 1.77 0.00	43.16 1.98 0.00	39.09 2.04 0.00	33.93 1.80 0.00	32.27 1.80 0.00	34.01 1.86 0.00	34.21 1.94 0.00	34.38 1.95 0.00	35.23 2.03 0.00	38.68 2.05 0.00	43.58 2.11 0.00	51.00 1.91 0.00	61.64 2.14 0.00	56.70 1.81 0.00	45.69 1.59 0.00	40.37 1.74 0.00	38.30 1.75 0.00	34.52 1.45 0.00
HUDSON___115KV_TB 4 355613	35.41 0.96 0.00	30.23 0.85 0.00	29.09 0.79 0.00	28.02 0.76 0.00	29.25 0.74 0.00	31.53 0.77 0.00	38.84 1.17 0.00	42.46 1.28 0.00	37.94 0.89 0.00	32.74 0.61 0.00	30.87 0.40 0.00	32.43 0.29 0.00	32.59 0.32 0.00	32.82 0.39 0.00	33.74 0.53 0.00	37.26 0.62 0.00	42.46 1.00 0.00	50.32 1.23 0.00	61.10 1.61 0.00	56.26 1.37 0.00	45.16 1.06 0.00	39.60 0.97 0.00	37.39 0.84 0.00	33.75 0.69 0.00
HUNTER MOUNT___DRP 323613	35.48 1.03 0.00	30.26 0.88 0.00	29.15 0.85 0.00	28.07 0.82 0.00	29.31 0.80 0.00	31.59 0.83 0.00	38.91 1.24 0.00	42.46 1.28 0.00	37.90 0.85 0.00	32.68 0.55 0.00	30.75 0.27 0.00	32.34 0.19 0.00	32.50 0.23 0.00	32.72 0.29 0.00	33.67 0.46 0.00	37.18 0.55 0.00	42.42 0.95 0.00	50.36 1.28 0.00	61.28 1.78 0.00	56.42 1.54 0.00	45.21 1.10 0.00	39.60 0.97 0.00	37.39 0.84 0.00	33.79 0.73 0.00
HUNTINGTON_RES_REC 323705	35.96 1.51 0.00	30.61 1.23 0.00	29.46 1.16 0.00	28.35 1.09 0.00	29.59 1.08 0.00	31.65 0.89 0.00	39.10 1.43 0.00	42.29 1.11 0.00	38.79 1.74 0.00	33.74 1.61 0.00	32.46 1.98 0.00	34.17 2.03 0.00	34.40 2.13 0.00	34.57 2.14 0.00	35.61 2.39 -0.01	38.24 1.61 0.00	43.04 1.58 0.00	50.74 1.67 0.02	60.86 1.37 0.00	56.15 1.26 0.00	44.98 0.88 0.01	39.55 0.93 0.01	37.43 0.88 0.00	34.22 1.16 0.00
HUNTLEY___63 23557	33.04 -1.41 0.00	28.06 -1.32 0.00	27.31 -0.99 0.00	26.63 -0.63 0.00	27.99 -0.51 0.00	30.18 -0.58 0.00	35.15 -2.52 0.00	38.38 -2.80 0.00	34.97 -2.07 0.00	30.62 -1.51 0.00	29.68 -0.79 0.00	31.18 -0.96 0.00	31.08 -1.19 0.00	31.10 -1.33 0.00	31.51 -1.69 0.00	34.95 -1.69 0.00	38.35 -3.11 0.00	45.50 -3.58 0.00	55.51 -3.99 0.00	51.15 -3.73 0.00	40.93 -3.18 0.00	35.69 -2.94 0.00	34.58 -1.97 0.00	32.33 -0.73 0.00
HUNTLEY___64 23558	33.04 -1.41 0.00	28.06 -1.32 0.00	27.31 -0.99 0.00	26.63 -0.63 0.00	27.99 -0.51 0.00	30.18 -0.58 0.00	35.15 -2.52 0.00	38.38 -2.80 0.00	34.97 -2.07 0.00	30.62 -1.51 0.00	29.68 -0.79 0.00	31.18 -0.96 0.00	31.08 -1.19 0.00	31.10 -1.33 0.00	31.51 -1.69 0.00	34.95 -1.69 0.00	38.35 -3.11 0.00	45.50 -3.58 0.00	55.51 -3.99 0.00	51.15 -3.73 0.00	40.93 -3.18 0.00	35.69 -2.94 0.00	34.58 -1.97 0.00	32.33 -0.73 0.00
HUNTLEY___65 23559	33.04 -1.41 0.00	28.06 -1.32 0.00	27.31 -0.99 0.00	26.63 -0.63 0.00	27.99 -0.51 0.00	30.18 -0.58 0.00	35.15 -2.52 0.00	38.38 -2.80 0.00	34.97 -2.07 0.00	30.62 -1.51 0.00	29.68 -0.79 0.00	31.18 -0.96 0.00	31.08 -1.19 0.00	31.10 -1.33 0.00	31.51 -1.69 0.00	34.95 -1.69 0.00	38.35 -3.11 0.00	45.50 -3.58 0.00	55.51 -3.99 0.00	51.15 -3.73 0.00	40.93 -3.18 0.00	35.69 -2.94 0.00	34.58 -1.97 0.00	32.33 -0.73 0.00
HUNTLEY___66 23560	33.04 -1.41 0.00	28.06 -1.32 0.00	27.31 -0.99 0.00	26.63 -0.63 0.00	27.99 -0.51 0.00	30.18 -0.58 0.00	35.15 -2.52 0.00	38.38 -2.80 0.00	34.97 -2.07 0.00	30.62 -1.51 0.00	29.68 -0.79 0.00	31.18 -0.96 0.00	31.08 -1.19 0.00	31.10 -1.33 0.00	31.51 -1.69 0.00	34.95 -1.69 0.00	38.35 -3.11 0.00	45.50 -3.58 0.00	55.51 -3.99 0.00	51.15 -3.73 0.00	40.93 -3.18 0.00	35.69 -2.94 0.00	34.58 -1.97 0.00	32.33 -0.73 0.00
HUNTLEY___67 23561	32.97 -1.48 0.00	28.00 -1.38 0.00	27.22 -1.08 0.00	26.55 -0.71 0.00	27.91 -0.60 0.00	30.05 -0.71 0.00	35.11 -2.56 0.00	38.34 -2.84 0.00	34.94 -2.11 0.00	30.56 -1.57 0.00	29.59 -0.88 0.00	31.08 -1.06 0.00	31.01 -1.26 0.00	31.04 -1.39 0.00	31.45 -1.76 0.00	34.84 -1.80 0.00	38.31 -3.15 0.00	45.46 -3.63 0.00	55.39 -4.11 0.00	51.04 -3.84 0.00	40.88 -3.22 0.00	35.69 -2.94 0.00	34.54 -2.01 0.00	32.23 -0.83 0.00
HUNTLEY___68 23562	32.97 -1.48 0.00	28.00 -1.38 0.00	27.22 -1.08 0.00	26.55 -0.71 0.00	27.91 -0.60 0.00	30.05 -0.71 0.00	35.11 -2.56 0.00	38.34 -2.84 0.00	34.94 -2.11 0.00	30.56 -1.57 0.00	29.59 -0.88 0.00	31.08 -1.06 0.00	31.01 -1.26 0.00	31.04 -1.39 0.00	31.45 -1.76 0.00	34.84 -1.80 0.00	38.31 -3.15 0.00	45.46 -3.63 0.00	55.39 -4.11 0.00	51.04 -3.84 0.00	40.88 -3.22 0.00	35.69 -2.94 0.00	34.54 -2.01 0.00	32.23 -0.83 0.00



HYLAND___LFGE 323620	34.76 0.31 0.00	29.59 0.21 0.00	28.75 0.45 0.00	27.80 0.54 0.00	29.25 0.74 0.00	31.65 0.89 0.00	37.90 0.23 0.00	41.43 0.25 0.00	37.16 0.11 0.00	31.87 -0.26 0.00	30.26 -0.21 0.00	31.69 -0.45 0.00	31.72 -0.55 0.00	31.88 -0.55 0.00	32.51 -0.70 0.00	36.38 -0.25 0.00	40.97 -0.50 0.00	49.72 0.64 0.00	61.22 1.73 0.00	56.53 1.65 0.00	44.99 0.88 0.00	39.17 0.54 0.00	37.50 0.95 0.00	34.19 1.12 0.00
INDECK___CORINTH 23802	35.27 0.83 0.00	30.14 0.76 0.00	29.01 0.71 0.00	27.85 0.60 0.00	29.16 0.66 0.00	31.44 0.68 0.00	38.57 0.90 0.00	42.25 1.07 0.00	37.72 0.67 0.00	32.58 0.45 0.00	30.60 0.12 0.00	32.18 0.03 0.00	32.37 0.10 0.00	32.50 0.06 0.00	33.50 0.30 0.00	36.92 0.29 0.00	42.17 0.70 0.00	50.02 0.93 0.00	60.92 1.43 0.00	55.98 1.10 0.00	45.03 0.93 0.00	39.36 0.73 0.00	37.21 0.66 0.00	33.76 0.70 0.00
INDECK___ILION 23567	34.90 0.45 0.00	29.79 0.41 0.00	28.70 0.40 0.00	27.61 0.35 0.00	28.91 0.40 0.00	31.16 0.40 0.00	38.16 0.49 0.00	41.72 0.54 0.00	37.49 0.44 0.00	32.49 0.35 0.00	30.81 0.34 0.00	32.50 0.35 0.00	32.62 0.35 0.00	32.79 0.36 0.00	33.60 0.40 0.00	37.11 0.48 0.00	42.00 0.54 0.00	49.63 0.54 0.00	60.09 0.59 0.00	55.38 0.49 0.00	44.50 0.40 0.00	38.98 0.35 0.00	36.88 0.33 0.00	33.29 0.23 0.00
INDECK___OLEAN 23982	32.66 -1.79 0.00	27.82 -1.56 0.00	26.97 -1.33 0.00	26.30 -0.95 0.00	27.65 -0.85 0.00	29.75 -1.01 0.00	35.41 -2.26 0.00	38.67 -2.51 0.00	34.97 -2.07 0.00	30.53 -1.61 0.00	29.56 -0.91 0.00	31.05 -1.09 0.00	30.88 -1.39 0.00	30.97 -1.46 0.00	31.25 -1.96 0.00	34.69 -1.94 0.00	38.56 -2.90 0.00	46.44 -2.65 0.00	56.46 -3.03 0.00	51.98 -2.91 0.00	41.33 -2.78 0.00	36.20 -2.43 0.00	34.94 -1.61 0.00	32.07 -0.99 0.00
INDECK___OSWEGO 23783	33.79 -0.66 0.00	28.79 -0.59 0.00	27.76 -0.54 0.00	26.74 -0.52 0.00	28.00 -0.51 0.00	30.21 -0.55 0.00	36.80 -0.86 0.00	40.15 -1.03 0.00	36.08 -0.96 0.00	31.27 -0.87 0.00	29.65 -0.82 0.00	31.28 -0.87 0.00	31.37 -0.90 0.00	31.56 -0.87 0.00	32.28 -0.93 0.00	35.68 -0.95 0.00	40.35 -1.12 0.00	47.81 -1.28 0.00	58.07 -1.43 0.00	53.63 -1.26 0.00	43.05 -1.06 0.00	37.70 -0.93 0.00	35.71 -0.84 0.00	32.30 -0.76 0.00
INDECK___YERKES 23781	33.03 -1.41 0.00	28.09 -1.29 0.00	27.34 -0.96 0.00	26.63 -0.63 0.00	28.05 -0.46 0.00	30.21 -0.55 0.00	35.48 -2.19 0.00	38.42 -2.76 0.00	35.01 -2.04 0.00	30.65 -1.48 0.00	29.71 -0.76 0.00	31.21 -0.93 0.00	31.11 -1.16 0.00	31.23 -1.20 0.00	31.55 -1.66 0.00	34.98 -1.65 0.00	38.40 -3.07 0.00	46.09 -3.00 0.00	55.81 -3.69 0.00	51.37 -3.51 0.00	40.93 -3.18 0.00	35.97 -2.67 0.00	35.02 -1.53 0.00	32.36 -0.70 0.00
INDIAN POINT_GT_1 24139	35.96 1.52 0.00	30.67 1.29 0.00	29.46 1.16 0.00	28.40 1.14 0.00	29.62 1.11 0.00	31.77 1.02 0.00	39.25 1.58 0.00	42.95 1.77 0.00	38.75 1.70 0.00	33.67 1.54 0.00	32.03 1.55 0.00	33.75 1.61 0.00	33.95 1.68 0.00	34.09 1.65 0.00	34.93 1.73 0.00	38.35 1.72 0.00	43.33 1.87 0.00	50.90 1.82 0.00	61.58 2.08 0.00	56.64 1.76 0.00	45.56 1.46 0.00	40.18 1.55 0.00	38.05 1.50 0.00	34.32 1.26 0.00
INDIAN POINT_GT_2 23659	35.96 1.52 0.00	30.67 1.29 0.00	29.46 1.16 0.00	28.40 1.14 0.00	29.62 1.11 0.00	31.77 1.02 0.00	39.25 1.58 0.00	42.95 1.77 0.00	38.75 1.70 0.00	33.67 1.54 0.00	32.03 1.55 0.00	33.75 1.61 0.00	33.95 1.68 0.00	34.09 1.65 0.00	34.93 1.73 0.00	38.35 1.72 0.00	43.33 1.87 0.00	50.90 1.82 0.00	61.58 2.08 0.00	56.64 1.76 0.00	45.56 1.46 0.00	40.18 1.55 0.00	38.05 1.50 0.00	34.32 1.26 0.00
INDIAN POINT_GT_3 24019	35.96 1.52 0.00	30.67 1.29 0.00	29.46 1.16 0.00	28.40 1.14 0.00	29.62 1.11 0.00	31.77 1.02 0.00	39.25 1.58 0.00	42.95 1.77 0.00	38.75 1.70 0.00	33.67 1.54 0.00	32.03 1.55 0.00	33.75 1.61 0.00	33.95 1.68 0.00	34.09 1.65 0.00	34.93 1.73 0.00	38.35 1.72 0.00	43.33 1.87 0.00	50.90 1.82 0.00	61.58 2.08 0.00	56.64 1.76 0.00	45.56 1.46 0.00	40.18 1.55 0.00	38.05 1.50 0.00	34.32 1.26 0.00
INDIAN POINT___2 23530	35.96 1.51 0.00	30.67 1.29 0.00	29.46 1.16 0.00	28.40 1.14 0.00	29.62 1.11 0.00	31.77 1.01 0.00	39.18 1.51 0.00	42.95 1.77 0.00	38.75 1.71 0.00	33.64 1.51 0.00	32.03 1.55 0.00	33.75 1.61 0.00	33.91 1.64 0.00	34.08 1.65 0.00	34.93 1.73 0.00	38.32 1.69 0.00	43.37 1.91 0.00	50.91 1.82 0.00	61.63 2.14 0.00	56.75 1.87 0.00	45.69 1.59 0.00	40.21 1.58 0.00	38.05 1.50 0.00	34.35 1.29 0.00
INDIAN POINT___3 23531	35.93 1.48 0.00	30.64 1.26 0.00	29.46 1.16 0.00	28.37 1.12 0.00	29.62 1.11 0.00	31.77 1.02 0.00	39.25 1.58 0.00	42.95 1.77 0.00	38.75 1.70 0.00	33.64 1.51 0.00	32.03 1.55 0.00	33.72 1.58 0.00	33.92 1.65 0.00	34.09 1.65 0.00	34.90 1.69 0.00	38.32 1.69 0.00	43.29 1.82 0.00	50.90 1.82 0.00	61.52 2.02 0.00	56.64 1.76 0.00	45.56 1.46 0.00	40.18 1.55 0.00	38.01 1.46 0.00	34.28 1.22 0.00
INGHAM_C_115KV_TB7 356103	35.34 0.90 0.00	30.20 0.82 0.00	29.09 0.79 0.00	27.96 0.71 0.00	29.28 0.77 0.00	31.56 0.80 0.00	38.69 1.02 0.00	42.25 1.07 0.00	37.97 0.93 0.00	32.90 0.77 0.00	31.21 0.73 0.00	32.88 0.74 0.00	33.04 0.77 0.00	33.21 0.78 0.00	34.04 0.83 0.00	37.55 0.92 0.00	42.46 1.00 0.00	50.17 1.08 0.00	60.68 1.19 0.00	55.87 0.99 0.00	44.85 0.75 0.00	39.33 0.70 0.00	37.17 0.62 0.00	33.56 0.50 0.00
IP CORINTH___1 23988	35.45 1.00 0.00	30.29 0.91 0.00	29.15 0.85 0.00	28.02 0.76 0.00	29.31 0.80 0.00	31.59 0.83 0.00	38.80 1.13 0.00	42.50 1.32 0.00	37.90 0.85 0.00	32.74 0.61 0.00	30.75 0.27 0.00	32.37 0.23 0.00	32.53 0.26 0.00	32.69 0.26 0.00	33.67 0.46 0.00	37.11 0.48 0.00	42.38 0.91 0.00	50.32 1.23 0.00	61.22 1.73 0.00	56.26 1.37 0.00	45.25 1.15 0.00	39.60 0.97 0.00	37.43 0.88 0.00	33.89 0.83 0.00
IP___TICONDEROGA 23804	36.76 2.31 0.00	31.35 1.97 0.00	30.17 1.87 0.00	28.94 1.69 0.00	30.33 1.82 0.00	32.76 2.00 0.00	40.23 2.56 0.00	44.07 2.88 0.00	39.09 2.04 0.00	33.61 1.48 0.00	31.45 0.98 0.00	33.04 0.90 0.00	33.21 0.94 0.00	33.31 0.88 0.00	34.40 1.20 0.00	38.06 1.43 0.00	43.66 2.20 0.00	52.03 2.95 0.00	63.72 4.22 0.00	58.45 3.57 0.00	46.97 2.87 0.00	40.99 2.36 0.00	38.71 2.16 0.00	35.04 1.98 0.00
ISLIP_RES_REC 323679	36.17 1.72 0.00	30.76 1.38 0.00	29.63 1.33 0.00	28.51 1.25 0.00	29.76 1.25 0.00	31.84 1.08 0.00	39.37 1.70 0.00	42.66 1.48 0.00	39.01 1.96 0.00	33.90 1.77 0.00	32.67 2.20 0.00	34.36 2.22 0.00	34.59 2.32 0.00	34.80 2.37 0.00	35.84 2.62 -0.01	38.65 2.01 0.00	43.54 2.07 0.00	51.43 2.31 -0.04	61.58 2.08 0.00	56.86 1.97 0.00	45.47 1.37 0.01	39.97 1.35 0.01	37.72 1.17 0.00	34.35 1.29 0.00

JAMAICA__27_KV_LOAD 355505	36.34 1.89 0.00	30.97 1.59 0.00	29.77 1.47 0.00	28.64 1.39 0.00	29.90 1.40 0.00	32.08 1.32 0.00	39.67 2.00 0.00	43.45 2.27 0.00	39.34 2.30 0.00	34.16 2.02 0.00	32.40 1.92 0.00	34.14 1.99 0.00	34.37 2.10 0.00	34.51 2.08 0.00	35.40 2.19 0.00	38.87 2.23 0.00	43.83 2.36 0.00	51.20 2.11 0.00	61.87 2.38 0.00	56.92 2.03 0.00	45.87 1.76 0.00	40.60 1.97 0.00	38.56 2.01 0.00	34.71 1.65 0.00
JANIS__SOLAR 323808	35.21 0.76 0.00	30.03 0.65 0.00	28.98 0.68 0.00	27.88 0.63 0.00	29.28 0.77 0.00	31.62 0.86 0.00	38.50 0.83 0.00	42.09 0.90 0.00	37.72 0.67 0.00	32.26 0.13 0.00	30.51 0.03 0.00	32.18 0.03 0.00	32.24 -0.03 0.00	32.40 -0.03 0.00	33.21 0.00 0.00	37.04 0.40 0.00	42.17 0.70 0.00	50.36 1.27 0.00	61.52 2.02 0.00	57.02 2.14 0.00	45.69 1.59 0.00	39.83 1.20 0.00	37.68 1.13 0.00	34.09 1.03 0.00
JARVIS____ 23743	34.55 0.10 0.00	29.47 0.09 0.00	28.39 0.09 0.00	27.34 0.08 0.00	28.59 0.09 0.00	30.82 0.06 0.00	37.78 0.11 0.00	41.31 0.12 0.00	37.12 0.07 0.00	32.20 0.06 0.00	30.51 0.03 0.00	32.18 0.03 0.00	32.30 0.03 0.00	32.46 0.03 0.00	33.27 0.07 0.00	36.71 0.07 0.00	41.59 0.12 0.00	49.19 0.10 0.00	59.61 0.12 0.00	54.94 0.05 0.00	44.19 0.09 0.00	38.71 0.08 0.00	36.62 0.07 0.00	33.13 0.07 0.00
JENNISON____1 23625	35.31 0.86 0.00	30.14 0.76 0.00	29.09 0.79 0.00	27.99 0.74 0.00	29.39 0.88 0.00	31.65 0.89 0.00	38.61 0.94 0.00	42.29 1.11 0.00	37.94 0.89 0.00	32.61 0.48 0.00	30.90 0.43 0.00	32.59 0.45 0.00	32.69 0.42 0.00	32.82 0.39 0.00	33.64 0.43 0.00	37.37 0.73 0.00	42.46 1.00 0.00	50.51 1.42 0.00	61.58 2.08 0.00	57.08 2.20 0.00	45.82 1.72 0.00	39.87 1.24 0.00	37.65 1.10 0.00	34.12 1.06 0.00
JENNISON____2 23626	35.31 0.86 0.00	30.14 0.76 0.00	29.09 0.79 0.00	27.99 0.74 0.00	29.39 0.88 0.00	31.65 0.89 0.00	38.61 0.94 0.00	42.29 1.11 0.00	37.94 0.89 0.00	32.61 0.48 0.00	30.90 0.43 0.00	32.59 0.45 0.00	32.69 0.42 0.00	32.82 0.39 0.00	33.64 0.43 0.00	37.37 0.73 0.00	42.46 1.00 0.00	50.51 1.42 0.00	61.58 2.08 0.00	57.08 2.20 0.00	45.82 1.72 0.00	39.87 1.24 0.00	37.65 1.10 0.00	34.12 1.06 0.00
JERICOHO_RISE_WT_PWR 323719	34.17 -0.28 0.00	29.14 -0.24 0.00	28.04 -0.26 0.00	27.01 -0.25 0.00	28.25 -0.26 0.00	30.67 -0.09 0.00	37.86 0.19 0.00	41.51 0.33 0.00	37.49 0.45 0.00	32.68 0.55 0.00	30.96 0.49 0.00	32.79 0.64 0.00	32.88 0.61 0.00	33.02 0.58 0.00	33.74 0.53 0.00	37.18 0.55 0.00	42.17 0.70 0.00	50.02 0.93 0.00	60.75 1.25 0.00	56.09 1.21 0.00	44.90 0.79 0.00	39.17 0.54 0.00	36.99 0.44 0.00	33.39 0.33 0.00
KATONAH__115KV_46KV_TB4 355592	36.10 1.65 0.00	30.79 1.41 0.00	29.57 1.27 0.00	28.51 1.25 0.00	29.73 1.23 0.00	31.93 1.17 0.00	39.44 1.77 0.00	43.20 2.02 0.00	38.97 1.93 0.00	33.84 1.70 0.00	32.15 1.68 0.00	33.88 1.74 0.00	34.11 1.84 0.00	34.25 1.82 0.00	35.13 1.93 0.00	38.57 1.94 0.00	43.58 2.11 0.00	51.20 2.11 0.00	61.87 2.38 0.00	56.97 2.09 0.00	45.78 1.68 0.00	40.33 1.70 0.00	38.19 1.64 0.00	34.45 1.39 0.00
KCE_NY_1 323755	35.79 1.34 0.00	30.53 1.14 0.00	29.38 1.08 0.00	28.23 0.98 0.00	29.53 1.02 0.00	31.87 1.11 0.00	39.18 1.51 0.00	42.91 1.73 0.00	38.34 1.30 0.00	33.13 1.00 0.00	31.18 0.70 0.00	32.82 0.68 0.00	32.98 0.71 0.00	33.14 0.71 0.00	34.10 0.90 0.00	37.62 0.99 0.00	42.87 1.41 0.00	50.81 1.72 0.00	61.76 2.26 0.00	56.81 1.92 0.00	45.69 1.59 0.00	40.02 1.39 0.00	37.83 1.28 0.00	34.22 1.16 0.00
KCE_NY_6_ESR 323823	33.03 -1.41 0.00	28.09 -1.29 0.00	27.34 -0.96 0.00	26.63 -0.63 0.00	28.02 -0.48 0.00	30.21 -0.55 0.00	35.63 -2.03 0.00	38.67 -2.51 0.00	35.16 -1.89 0.00	30.75 -1.38 0.00	29.80 -0.67 0.00	31.31 -0.84 0.00	31.24 -1.03 0.00	31.36 -1.07 0.00	31.68 -1.53 0.00	35.17 -1.47 0.00	38.73 -2.74 0.00	46.53 -2.55 0.00	56.40 -3.10 0.00	51.87 -3.02 0.00	41.33 -2.78 0.00	36.27 -2.36 0.00	35.24 -1.31 0.00	32.47 -0.59 0.00
KEDC_PORT_JEFF_GT2 24210	36.03 1.59 0.00	30.67 1.29 0.00	29.54 1.24 0.00	28.43 1.17 0.00	29.68 1.17 0.00	31.74 0.98 0.00	39.21 1.55 0.00	42.50 1.32 0.00	38.86 1.81 0.00	33.80 1.67 0.00	32.55 2.07 0.00	34.26 2.12 0.00	34.46 2.20 0.00	34.67 2.24 0.00	35.71 2.49 -0.01	38.46 1.83 0.00	43.33 1.87 0.00	51.19 2.06 -0.04	60.92 1.43 0.00	56.37 1.48 0.00	45.24 1.14 0.01	39.82 1.20 0.01	37.57 1.02 0.00	34.25 1.19 0.00
KEDC_PORT_JEFF_GT3 24211	36.03 1.59 0.00	30.67 1.29 0.00	29.54 1.24 0.00	28.43 1.17 0.00	29.68 1.17 0.00	31.74 0.98 0.00	39.21 1.55 0.00	42.50 1.32 0.00	38.86 1.81 0.00	33.80 1.67 0.00	32.55 2.07 0.00	34.26 2.12 0.00	34.46 2.20 0.00	34.67 2.24 0.00	35.71 2.49 -0.01	38.46 1.83 0.00	43.33 1.87 0.00	51.19 2.06 -0.04	60.92 1.43 0.00	56.37 1.48 0.00	45.24 1.14 0.01	39.82 1.20 0.01	37.57 1.02 0.00	34.25 1.19 0.00
KEDC_GLWD_GT4 24219	36.14 1.69 0.00	30.79 1.41 0.00	29.60 1.30 0.00	28.51 1.25 0.00	29.76 1.25 0.00	31.87 1.11 0.00	39.32 1.66 0.00	42.87 1.69 0.00	38.97 1.93 0.00	33.90 1.77 0.00	32.46 1.98 0.00	34.17 2.03 0.00	34.40 2.13 0.00	34.54 2.11 0.00	35.48 2.26 -0.02	38.61 1.98 0.00	43.58 2.11 0.00	50.81 1.72 0.00	61.34 1.85 0.00	56.48 1.59 0.00	45.69 1.59 0.00	40.25 1.62 0.00	38.01 1.46 0.00	34.45 1.39 0.00
KEDC_GLWD_GT5 24220	36.14 1.69 0.00	30.79 1.41 0.00	29.60 1.30 0.00	28.51 1.25 0.00	29.76 1.25 0.00	31.87 1.11 0.00	39.32 1.66 0.00	42.87 1.69 0.00	38.97 1.93 0.00	33.90 1.77 0.00	32.46 1.98 0.00	34.17 2.03 0.00	34.40 2.13 0.00	34.54 2.11 0.00	35.48 2.26 -0.02	38.61 1.98 0.00	43.58 2.11 0.00	50.81 1.72 0.00	61.34 1.85 0.00	56.48 1.59 0.00	45.69 1.59 0.00	40.25 1.62 0.00	38.01 1.46 0.00	34.45 1.39 0.00
KENSICO____ 23655	36.07 1.62 0.00	30.76 1.38 0.00	29.55 1.25 0.00	28.45 1.20 0.00	29.71 1.20 0.00	31.87 1.11 0.00	39.36 1.70 0.00	43.08 1.89 0.00	38.90 1.85 0.00	33.77 1.64 0.00	32.15 1.68 0.00	33.88 1.74 0.00	34.08 1.81 0.00	34.25 1.82 0.00	35.10 1.89 0.00	38.50 1.87 0.00	43.45 1.99 0.00	51.05 1.96 0.00	61.70 2.20 0.00	56.81 1.92 0.00	45.69 1.59 0.00	40.29 1.66 0.00	38.16 1.61 0.00	34.42 1.36 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	36.27 1.83 0.00	30.88 1.50 0.00	29.71 1.41 0.00	28.64 1.39 0.00	29.88 1.37 0.00	32.05 1.29 0.00	39.63 1.96 0.00	43.24 2.06 0.00	38.97 1.93 0.00	33.74 1.61 0.00	32.03 1.55 0.00	33.72 1.58 0.00	33.92 1.65 0.00	34.15 1.72 0.00	35.00 1.79 0.00	38.50 1.87 0.00	43.58 2.11 0.00	51.40 2.31 0.00	62.41 2.92 0.00	57.52 2.63 0.00	46.09 1.98 0.00	40.52 1.89 0.00	38.34 1.79 0.00	34.58 1.52 0.00

KIAC_JFK_GT1 23816	36.17 1.72 0.00	30.82 1.44 0.00	29.63 1.33 0.00	28.51 1.25 0.00	29.76 1.25 0.00	31.93 1.17 0.00	39.48 1.81 0.00	43.24 2.06 0.00	39.16 2.11 0.00	34.00 1.86 0.00	32.21 1.74 0.00	33.98 1.83 0.00	34.17 1.90 0.00	34.34 1.91 0.00	35.23 2.03 0.00	38.65 2.01 0.00	43.62 2.16 0.00	50.71 1.62 0.00	61.28 1.78 0.00	56.42 1.54 0.00	45.47 1.37 0.00	40.41 1.78 0.00	38.38 1.83 0.00	34.55 1.49 0.00
KIAC_JFK_GT2 23817	36.17 1.72 0.00	30.82 1.44 0.00	29.63 1.33 0.00	28.51 1.25 0.00	29.76 1.25 0.00	31.93 1.17 0.00	39.48 1.81 0.00	43.24 2.06 0.00	39.16 2.11 0.00	34.00 1.86 0.00	32.21 1.74 0.00	33.98 1.83 0.00	34.17 1.90 0.00	34.34 1.91 0.00	35.23 2.03 0.00	38.65 2.01 0.00	43.62 2.16 0.00	50.71 1.62 0.00	61.28 1.78 0.00	56.42 1.54 0.00	45.47 1.37 0.00	40.41 1.78 0.00	38.38 1.83 0.00	34.55 1.49 0.00
KIAC_JFK____ 323774	36.17 1.72 0.00	30.82 1.44 0.00	29.63 1.33 0.00	28.51 1.25 0.00	29.76 1.25 0.00	31.93 1.17 0.00	39.44 1.77 0.00	43.24 2.06 0.00	39.16 2.11 0.00	34.00 1.86 0.00	32.21 1.74 0.00	33.97 1.83 0.00	34.17 1.90 0.00	34.34 1.91 0.00	35.23 2.03 0.00	38.65 2.01 0.00	43.74 2.28 0.00	50.76 1.67 0.00	61.46 1.96 0.00	56.48 1.59 0.00	45.87 1.77 0.00	40.45 1.82 0.00	38.38 1.83 0.00	34.58 1.52 0.00
KINTIGH__24_KV_GSU 356498	33.21 -1.24 0.00	28.20 -1.18 0.00	27.39 -0.91 0.00	26.63 -0.63 0.00	28.00 -0.51 0.00	30.14 -0.61 0.00	35.60 -2.07 0.00	38.63 -2.55 0.00	35.16 -1.89 0.00	30.72 -1.41 0.00	29.68 -0.79 0.00	31.15 -1.00 0.00	31.11 -1.16 0.00	31.23 -1.20 0.00	31.65 -1.56 0.00	34.98 -1.65 0.00	38.64 -2.82 0.00	46.19 -2.90 0.00	55.93 -3.57 0.00	51.48 -3.40 0.00	41.15 -2.95 0.00	36.20 -2.43 0.00	35.09 -1.46 0.00	32.27 -0.79 0.00
KINTIGH____ 23543	33.21 -1.24 0.00	28.21 -1.18 0.00	27.39 -0.91 0.00	26.63 -0.63 0.00	27.99 -0.51 0.00	30.14 -0.62 0.00	35.37 -2.30 0.00	38.63 -2.55 0.00	35.16 -1.89 0.00	30.72 -1.41 0.00	29.68 -0.79 0.00	31.15 -1.00 0.00	31.08 -1.19 0.00	31.17 -1.26 0.00	31.65 -1.56 0.00	34.98 -1.65 0.00	38.60 -2.86 0.00	45.75 -3.34 0.00	55.69 -3.81 0.00	51.32 -3.57 0.00	41.19 -2.91 0.00	35.96 -2.67 0.00	34.72 -1.83 0.00	32.23 -0.83 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	34.41 -0.03 0.00	29.35 -0.03 0.00	28.24 -0.06 0.00	27.20 -0.05 0.00	28.48 -0.03 0.00	30.98 0.22 0.00	38.35 0.68 0.00	42.09 0.91 0.00	38.08 1.04 0.00	33.26 1.12 0.00	31.48 1.01 0.00	33.40 1.25 0.00	33.46 1.19 0.00	33.60 1.17 0.00	34.24 1.03 0.00	37.73 1.10 0.00	42.87 1.41 0.00	50.95 1.87 0.00	61.93 2.44 0.00	57.25 2.36 0.00	45.69 1.59 0.00	39.75 1.12 0.00	37.54 0.99 0.00	33.89 0.83 0.00
LACHUTE____HYDRO 323717	36.76 2.31 0.00	31.35 1.97 0.00	30.17 1.87 0.00	28.94 1.69 0.00	30.33 1.83 0.00	32.76 2.00 0.00	40.19 2.52 0.00	44.06 2.88 0.00	39.08 2.04 0.00	33.61 1.48 0.00	31.45 0.97 0.00	33.04 0.90 0.00	33.21 0.94 0.00	33.31 0.88 0.00	34.40 1.19 0.00	38.06 1.43 0.00	43.70 2.24 0.00	52.03 2.95 0.00	63.78 4.29 0.00	58.45 3.57 0.00	47.01 2.91 0.00	40.99 2.36 0.00	38.71 2.16 0.00	35.08 2.02 0.00
LAWRNCALV_115KV_TB1 80681	34.93 0.48 0.00	29.82 0.44 0.00	28.70 0.40 0.00	27.58 0.33 0.00	28.88 0.37 0.00	31.25 0.49 0.00	38.50 0.83 0.00	42.05 0.86 0.00	37.79 0.74 0.00	32.74 0.61 0.00	30.93 0.46 0.00	32.82 0.68 0.00	32.95 0.68 0.00	33.11 0.68 0.00	33.84 0.63 0.00	37.33 0.70 0.00	42.46 1.00 0.00	50.51 1.42 0.00	61.52 2.02 0.00	56.97 2.09 0.00	45.65 1.54 0.00	39.83 1.20 0.00	37.61 1.06 0.00	33.92 0.86 0.00
LEDERLE____ 23769	36.10 1.65 0.00	30.79 1.41 0.00	29.57 1.27 0.00	28.51 1.25 0.00	29.73 1.23 0.00	31.90 1.14 0.00	39.40 1.73 0.00	43.08 1.89 0.00	38.90 1.85 0.00	33.74 1.61 0.00	32.12 1.65 0.00	33.81 1.67 0.00	34.01 1.74 0.00	34.22 1.78 0.00	35.03 1.83 0.00	38.43 1.80 0.00	43.45 1.99 0.00	51.10 2.01 0.00	61.87 2.38 0.00	56.97 2.09 0.00	45.78 1.68 0.00	40.33 1.70 0.00	38.16 1.61 0.00	34.42 1.36 0.00
LIGHTHSE_115KV_TB6 355974	34.28 -0.17 0.00	29.23 -0.15 0.00	28.19 -0.11 0.00	27.09 -0.16 0.00	28.39 -0.11 0.00	30.64 -0.12 0.00	37.41 -0.26 0.00	40.85 -0.33 0.00	36.64 -0.41 0.00	31.62 -0.51 0.00	29.93 -0.55 0.00	31.60 -0.55 0.00	31.69 -0.58 0.00	31.88 -0.55 0.00	32.64 -0.56 0.00	36.19 -0.44 0.00	40.84 -0.62 0.00	48.50 -0.59 0.00	59.08 -0.42 0.00	54.67 -0.22 0.00	43.97 -0.13 0.00	38.51 -0.12 0.00	36.40 -0.15 0.00	32.90 -0.17 0.00
LINDEN COGEN____ 23786	35.96 1.51 0.00	30.70 1.32 0.00	29.49 1.19 0.00	28.40 1.14 0.00	29.62 1.11 0.00	31.77 1.01 0.00	39.18 1.51 0.00	42.91 1.73 0.00	38.86 1.81 0.00	33.74 1.61 0.00	32.15 1.68 0.00	33.88 1.73 0.00	34.08 1.81 0.00	34.21 1.78 0.00	35.10 1.89 0.00	38.50 1.87 0.00	43.45 1.99 0.01	50.76 1.67 0.00	61.46 1.96 0.00	56.48 1.59 0.00	45.60 1.50 0.00	40.25 1.62 0.00	38.05 1.50 0.00	34.35 1.29 0.00
LINDHRST_69_KV_BK1 356055	36.27 1.83 0.00	30.88 1.50 0.00	29.74 1.44 0.00	28.62 1.36 0.00	29.88 1.37 0.00	31.93 1.17 0.00	39.55 1.88 0.00	42.79 1.61 0.00	39.09 2.04 0.00	34.03 1.90 0.00	32.76 2.29 0.00	34.46 2.31 0.00	34.69 2.42 0.00	34.93 2.50 0.00	35.91 2.69 -0.01	38.72 2.09 0.00	43.54 2.07 0.00	51.35 2.26 0.00	61.76 2.26 0.00	56.86 1.98 0.00	45.51 1.41 0.01	40.09 1.47 0.01	38.01 1.46 0.00	34.52 1.45 0.00
LIPA_MISC_IPP 23656	35.90 1.45 0.00	30.56 1.18 0.00	29.43 1.13 0.00	28.32 1.06 0.00	29.56 1.05 0.00	31.62 0.86 0.00	39.21 1.54 0.00	42.38 1.19 0.00	38.71 1.67 0.00	33.67 1.54 0.00	32.46 1.98 0.00	34.10 1.96 0.00	34.30 2.03 0.00	34.57 2.14 0.00	35.54 2.32 -0.01	38.32 1.69 0.00	43.04 1.58 0.00	50.99 1.87 -0.04	60.98 1.49 0.00	56.04 1.15 0.00	44.93 0.84 0.01	39.55 0.93 0.01	37.50 0.95 0.00	34.05 0.99 0.00
LISF____SOLAR 323691	35.96 1.51 0.00	30.59 1.21 0.00	29.46 1.16 0.00	28.35 1.09 0.00	29.59 1.08 0.00	31.65 0.89 0.00	39.14 1.47 0.00	42.46 1.28 0.00	38.79 1.74 0.00	33.71 1.57 0.00	32.43 1.95 0.00	34.14 1.99 0.00	34.34 2.07 0.00	34.54 2.11 0.00	35.57 2.36 -0.01	38.35 1.72 0.00	43.20 1.74 0.00	51.09 1.97 -0.04	61.22 1.73 0.00	56.48 1.59 0.00	45.15 1.06 0.01	39.70 1.08 0.01	37.46 0.91 0.00	34.12 1.06 0.00
LITTLE FALLS____HYD 24013	35.34 0.90 0.00	30.20 0.82 0.00	29.09 0.79 0.00	27.96 0.71 0.00	29.28 0.77 0.00	31.56 0.80 0.00	38.69 1.02 0.00	42.25 1.07 0.00	37.97 0.93 0.00	32.90 0.77 0.00	31.21 0.73 0.00	32.88 0.74 0.00	33.04 0.77 0.00	33.21 0.78 0.00	34.04 0.83 0.00	37.55 0.92 0.00	42.46 1.00 0.00	50.17 1.08 0.00	60.68 1.19 0.00	55.87 0.99 0.00	44.85 0.75 0.00	39.33 0.70 0.00	37.17 0.62 0.00	33.56 0.50 0.00

LITTLRIV_115KV_TB1 356100	35.24 0.79 0.00	30.11 0.73 0.00	28.98 0.68 0.00	27.83 0.57 0.00	29.16 0.66 0.00	31.53 0.77 0.00	38.91 1.24 0.00	42.46 1.28 0.00	38.08 1.04 0.00	32.90 0.77 0.00	31.02 0.55 0.00	32.91 0.77 0.00	33.04 0.77 0.00	33.21 0.78 0.00	33.94 0.73 0.00	37.48 0.84 0.00	42.71 1.24 0.00	50.95 1.87 0.00	62.23 2.74 0.00	57.69 2.80 0.00	46.18 2.07 0.00	40.25 1.62 0.00	38.01 1.46 0.00	34.25 1.19 0.00
LI_NEWBRDGE___DRP 323616	35.79 1.34 0.00	30.50 1.12 0.00	29.35 1.05 0.00	28.24 0.98 0.00	29.48 0.97 0.00	31.53 0.77 0.00	39.03 1.36 0.00	42.25 1.07 0.00	38.57 1.52 0.00	33.58 1.45 0.00	32.27 1.80 0.00	33.94 1.80 0.00	34.17 1.90 0.00	34.41 1.98 0.00	35.31 2.09 -0.01	38.13 1.50 0.00	42.87 1.41 0.00	50.56 1.47 0.00	60.68 1.19 0.00	55.87 0.99 0.00	44.85 0.75 0.01	39.55 0.93 0.01	37.50 0.95 0.00	34.02 0.96 0.00
LOCKPORT_115KV_TB60_63_64 80432	33.17 -1.27 0.00	28.23 -1.15 0.00	27.48 -0.82 0.00	26.76 -0.49 0.00	28.17 -0.34 0.00	30.30 -0.46 0.00	34.99 -2.67 0.00	38.22 -2.97 0.00	34.82 -2.22 0.00	30.46 -1.67 0.00	29.50 -0.98 0.00	30.99 -1.16 0.00	30.88 -1.39 0.00	30.94 -1.49 0.00	31.35 -1.86 0.00	34.76 -1.87 0.00	38.15 -3.32 0.00	45.31 -3.78 0.00	55.27 -4.22 0.00	50.88 -4.01 0.00	40.75 -3.35 0.00	35.58 -3.05 0.00	34.47 -2.08 0.00	32.43 -0.63 0.00
LOCKPORT___CC1 323769	33.14 -1.31 0.00	28.17 -1.21 0.00	27.42 -0.88 0.00	26.71 -0.54 0.00	28.11 -0.40 0.00	30.24 -0.52 0.00	35.33 -2.34 0.00	38.26 -2.92 0.00	34.83 -2.22 0.00	30.49 -1.64 0.00	29.53 -0.94 0.00	30.99 -1.16 0.00	30.92 -1.35 0.00	31.04 -1.39 0.00	31.38 -1.83 0.00	34.77 -1.87 0.00	38.19 -3.28 0.00	45.85 -3.24 0.00	55.51 -3.99 0.00	51.10 -3.79 0.00	40.75 -3.35 0.00	35.85 -2.78 0.00	34.87 -1.68 0.00	32.40 -0.66 0.00
LOCKPORT___CC2 323770	33.14 -1.31 0.00	28.17 -1.21 0.00	27.42 -0.88 0.00	26.71 -0.54 0.00	28.11 -0.40 0.00	30.24 -0.52 0.00	35.33 -2.34 0.00	38.26 -2.92 0.00	34.83 -2.22 0.00	30.49 -1.64 0.00	29.53 -0.94 0.00	30.99 -1.16 0.00	30.92 -1.35 0.00	31.04 -1.39 0.00	31.38 -1.83 0.00	34.77 -1.87 0.00	38.19 -3.28 0.00	45.85 -3.24 0.00	55.51 -3.99 0.00	51.10 -3.79 0.00	40.75 -3.35 0.00	35.85 -2.78 0.00	34.87 -1.68 0.00	32.40 -0.66 0.00
LOCKPORT___CC3 323771	33.14 -1.31 0.00	28.17 -1.21 0.00	27.42 -0.88 0.00	26.71 -0.54 0.00	28.11 -0.40 0.00	30.24 -0.52 0.00	35.33 -2.34 0.00	38.26 -2.92 0.00	34.83 -2.22 0.00	30.49 -1.64 0.00	29.53 -0.94 0.00	30.99 -1.16 0.00	30.92 -1.35 0.00	31.04 -1.39 0.00	31.38 -1.83 0.00	34.77 -1.87 0.00	38.19 -3.28 0.00	45.85 -3.24 0.00	55.51 -3.99 0.00	51.10 -3.79 0.00	40.75 -3.35 0.00	35.85 -2.78 0.00	34.87 -1.68 0.00	32.40 -0.66 0.00
LOCUSVLY_69_KV_BK2 55797	36.17 1.72 0.00	30.79 1.41 0.00	29.63 1.33 0.00	28.51 1.25 0.00	29.76 1.25 0.00	31.87 1.11 0.00	39.44 1.77 0.00	42.75 1.56 0.00	38.97 1.93 0.00	33.93 1.80 0.00	32.58 2.10 0.00	34.30 2.15 0.00	34.50 2.23 0.00	34.73 2.30 0.00	35.64 2.42 -0.01	38.57 1.94 0.00	43.37 1.91 0.00	51.00 1.91 0.00	61.40 1.90 0.00	56.48 1.59 0.00	45.33 1.23 0.00	40.05 1.43 0.00	38.01 1.46 0.00	34.42 1.36 0.00
LONG_LAKE_PHOENIX 24014	33.93 -0.52 0.00	28.91 -0.47 0.00	27.88 -0.42 0.00	26.85 -0.41 0.00	28.11 -0.40 0.00	30.36 -0.40 0.00	36.92 -0.75 0.00	40.32 -0.86 0.00	36.27 -0.78 0.00	31.43 -0.71 0.00	29.84 -0.64 0.00	31.47 -0.68 0.00	31.53 -0.74 0.00	31.69 -0.75 0.00	32.44 -0.76 0.00	35.86 -0.77 0.00	40.51 -0.95 0.00	48.01 -1.08 0.00	58.31 -1.19 0.00	53.84 -1.04 0.00	43.22 -0.88 0.00	37.82 -0.81 0.00	35.82 -0.73 0.00	32.47 -0.60 0.00
LOVETT___3 23632	35.93 1.48 0.00	30.64 1.26 0.00	29.46 1.16 0.00	28.37 1.12 0.00	29.62 1.11 0.00	31.77 1.02 0.00	39.21 1.54 0.00	42.91 1.73 0.00	38.75 1.70 0.00	33.64 1.51 0.00	32.03 1.55 0.00	33.72 1.58 0.00	33.92 1.65 0.00	34.05 1.62 0.00	34.90 1.69 0.00	38.28 1.65 0.00	43.25 1.78 0.00	50.86 1.77 0.00	61.52 2.02 0.00	56.64 1.76 0.00	45.56 1.46 0.00	40.14 1.51 0.00	38.01 1.46 0.00	34.28 1.22 0.00
LOVETT___4 23642	35.93 1.48 0.00	30.64 1.26 0.00	29.46 1.16 0.00	28.37 1.12 0.00	29.62 1.11 0.00	31.77 1.02 0.00	39.21 1.54 0.00	42.91 1.73 0.00	38.75 1.70 0.00	33.64 1.51 0.00	32.03 1.55 0.00	33.72 1.58 0.00	33.92 1.65 0.00	34.05 1.62 0.00	34.90 1.69 0.00	38.28 1.65 0.00	43.25 1.78 0.00	50.86 1.77 0.00	61.52 2.02 0.00	56.64 1.76 0.00	45.56 1.46 0.00	40.14 1.51 0.00	38.01 1.46 0.00	34.28 1.22 0.00
LOVETT___5 23593	35.93 1.48 0.00	30.64 1.26 0.00	29.46 1.16 0.00	28.37 1.12 0.00	29.62 1.11 0.00	31.77 1.02 0.00	39.21 1.54 0.00	42.91 1.73 0.00	38.75 1.70 0.00	33.64 1.51 0.00	32.03 1.55 0.00	33.72 1.58 0.00	33.92 1.65 0.00	34.05 1.62 0.00	34.90 1.69 0.00	38.28 1.65 0.00	43.25 1.78 0.00	50.86 1.77 0.00	61.52 2.02 0.00	56.64 1.76 0.00	45.56 1.46 0.00	40.14 1.51 0.00	38.01 1.46 0.00	34.28 1.22 0.00
LOWER RAQUET___HYD 24057	34.93 0.48 0.00	29.85 0.47 0.00	28.73 0.43 0.00	27.61 0.35 0.00	28.91 0.40 0.00	31.25 0.49 0.00	38.54 0.87 0.00	42.09 0.90 0.00	37.79 0.74 0.00	32.74 0.61 0.00	30.93 0.46 0.00	32.79 0.64 0.00	32.91 0.65 0.00	33.11 0.68 0.00	33.84 0.63 0.00	37.33 0.69 0.00	42.46 0.99 0.00	50.56 1.47 0.00	61.70 2.20 0.00	57.14 2.25 0.00	45.74 1.63 0.00	39.90 1.27 0.00	37.68 1.13 0.00	33.98 0.92 0.00
LOWER___HUDSON 24059	35.52 1.07 0.00	30.29 0.91 0.00	29.15 0.85 0.00	28.05 0.79 0.00	29.28 0.77 0.00	31.59 0.83 0.00	38.91 1.24 0.00	42.66 1.48 0.00	38.23 1.19 0.00	33.10 0.96 0.00	31.24 0.76 0.00	32.88 0.74 0.00	33.04 0.77 0.00	33.21 0.78 0.00	34.10 0.90 0.00	37.58 0.95 0.00	42.75 1.29 0.00	50.56 1.47 0.00	61.28 1.78 0.00	56.42 1.53 0.00	45.38 1.28 0.00	39.79 1.16 0.00	37.57 1.02 0.00	33.95 0.89 0.00
LOWVILLE_115KV_TB2 356335	34.62 0.17 0.00	29.59 0.21 0.00	28.50 0.20 0.00	27.34 0.08 0.00	28.71 0.20 0.00	30.91 0.15 0.00	37.97 0.30 0.00	41.51 0.33 0.00	37.12 0.07 0.00	31.88 -0.26 0.00	30.02 -0.46 0.00	31.85 -0.29 0.00	32.14 -0.13 0.00	32.53 0.10 0.00	33.37 0.17 0.00	36.96 0.33 0.00	41.88 0.41 0.00	49.78 0.69 0.00	60.74 1.25 0.00	56.37 1.48 0.00	45.29 1.19 0.00	39.67 1.04 0.00	37.61 1.06 0.00	33.69 0.63 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	35.76 1.31 0.00	30.50 1.12 0.00	29.38 1.08 0.00	28.24 0.98 0.00	29.53 1.03 0.00	31.87 1.11 0.00	39.18 1.51 0.00	42.87 1.69 0.00	38.34 1.30 0.00	33.10 0.96 0.00	31.18 0.70 0.00	32.82 0.68 0.00	32.98 0.71 0.00	33.14 0.71 0.00	34.07 0.86 0.00	37.62 0.99 0.00	42.83 1.37 0.00	50.81 1.72 0.00	61.70 2.20 0.00	56.75 1.87 0.00	45.65 1.54 0.00	40.02 1.39 0.00	37.79 1.24 0.00	34.18 1.12 0.00

LUTHERNY_35_KV_BK2 355980	35.79 1.34 0.00	30.53 1.15 0.00	29.38 1.08 0.00	28.24 0.98 0.00	29.53 1.03 0.00	31.87 1.11 0.00	39.18 1.51 0.00	42.91 1.73 0.00	38.34 1.30 0.00	33.13 1.00 0.00	31.18 0.70 0.00	32.82 0.68 0.00	32.98 0.71 0.00	33.14 0.71 0.00	34.10 0.90 0.00	37.62 0.99 0.00	42.87 1.41 0.00	50.81 1.72 0.00	61.76 2.26 0.00	56.81 1.92 0.00	45.69 1.59 0.00	40.02 1.39 0.00	37.83 1.28 0.00	34.18 1.12 0.00
LWR___OSWEGATCHIE_HYD 23850	34.79 0.34 0.00	29.73 0.35 0.00	28.64 0.34 0.00	27.47 0.22 0.00	28.79 0.29 0.00	31.10 0.34 0.00	38.27 0.60 0.00	41.80 0.62 0.00	37.46 0.41 0.00	32.29 0.16 0.00	30.44 -0.03 0.00	32.27 0.13 0.00	32.46 0.19 0.00	32.72 0.29 0.00	33.51 0.30 0.00	37.04 0.40 0.00	42.04 0.58 0.00	50.07 0.98 0.00	61.10 1.61 0.00	56.70 1.81 0.00	45.47 1.37 0.00	39.79 1.16 0.00	37.61 1.06 0.00	33.82 0.76 0.00
LYONS_FALL_HYD 23570	34.76 0.31 0.00	29.70 0.32 0.00	28.61 0.31 0.00	27.47 0.22 0.00	28.82 0.31 0.00	31.07 0.31 0.00	38.12 0.45 0.00	41.68 0.50 0.00	37.31 0.26 0.00	32.10 -0.03 0.00	30.26 -0.21 0.00	32.05 -0.10 0.00	32.27 0.00 0.00	32.56 0.13 0.00	33.41 0.20 0.00	37.00 0.37 0.00	41.96 0.50 0.00	49.83 0.74 0.00	60.68 1.19 0.00	56.26 1.37 0.00	45.21 1.10 0.00	39.56 0.93 0.00	37.46 0.91 0.00	33.66 0.60 0.00
MADISON___COUNTY_LFGE 323628	35.03 0.59 0.00	29.91 0.53 0.00	28.81 0.51 0.00	27.72 0.46 0.00	29.05 0.54 0.00	31.31 0.55 0.00	38.31 0.64 0.00	41.88 0.70 0.00	37.57 0.52 0.00	32.36 0.22 0.00	30.60 0.12 0.00	32.27 0.13 0.00	32.40 0.13 0.00	32.59 0.16 0.00	33.41 0.20 0.00	37.00 0.37 0.00	42.00 0.54 0.00	49.78 0.69 0.00	60.57 1.07 0.00	56.04 1.15 0.00	44.99 0.88 0.00	39.36 0.73 0.00	37.21 0.66 0.00	33.62 0.56 0.00
MALONE___115KV_TB1 356076	34.66 0.21 0.00	29.62 0.24 0.00	28.47 0.17 0.00	27.39 0.14 0.00	28.65 0.14 0.00	31.10 0.34 0.00	38.46 0.79 0.00	42.09 0.91 0.00	37.94 0.89 0.00	33.06 0.93 0.00	31.27 0.79 0.00	33.17 1.03 0.00	33.27 1.00 0.00	33.40 0.97 0.00	34.07 0.86 0.00	37.59 0.95 0.00	42.71 1.24 0.00	50.86 1.77 0.00	61.87 2.38 0.00	57.30 2.41 0.00	45.74 1.63 0.00	39.83 1.20 0.00	37.61 1.06 0.00	33.92 0.86 0.00
MAPLEWOD_115KV_TB3 80458	35.28 0.83 0.00	30.11 0.73 0.00	28.98 0.68 0.00	27.88 0.63 0.00	29.11 0.60 0.00	31.41 0.65 0.00	38.69 1.02 0.00	42.38 1.19 0.00	37.97 0.93 0.00	32.90 0.77 0.00	31.05 0.58 0.00	32.69 0.55 0.00	32.85 0.58 0.00	33.02 0.58 0.00	33.90 0.70 0.00	37.37 0.73 0.00	42.46 1.00 0.00	50.22 1.13 0.00	60.80 1.31 0.00	55.98 1.10 0.00	45.03 0.93 0.00	39.52 0.89 0.00	37.32 0.77 0.00	33.69 0.63 0.00
MAPLE_RIDGE_WT_1 323574	33.38 -1.07 0.00	28.50 -0.88 0.00	27.48 -0.82 0.00	26.46 -0.79 0.00	27.74 -0.77 0.00	29.99 -0.77 0.00	36.88 -0.79 0.00	40.44 -0.74 0.00	36.53 -0.52 0.00	31.87 -0.26 0.00	30.32 -0.15 0.00	32.11 -0.03 0.00	32.27 0.00 0.00	32.46 0.03 0.00	33.24 0.03 0.00	36.67 0.04 0.00	41.55 0.08 0.00	49.19 0.10 0.00	59.61 0.12 0.00	54.89 0.00 0.00	44.02 -0.09 0.00	38.48 -0.15 0.00	36.30 -0.25 0.00	32.76 -0.30 0.00
MAPLE_RIDGE_WT_2 323611	33.38 -1.07 0.00	28.50 -0.88 0.00	27.48 -0.82 0.00	26.46 -0.79 0.00	27.74 -0.77 0.00	29.99 -0.77 0.00	36.88 -0.79 0.00	40.44 -0.74 0.00	36.53 -0.52 0.00	31.87 -0.26 0.00	30.32 -0.15 0.00	32.11 -0.03 0.00	32.27 0.00 0.00	32.46 0.03 0.00	33.24 0.03 0.00	36.67 0.04 0.00	41.55 0.08 0.00	49.19 0.10 0.00	59.61 0.12 0.00	54.89 0.00 0.00	44.02 -0.09 0.00	38.48 -0.15 0.00	36.30 -0.25 0.00	32.76 -0.30 0.00
MARBLE_RIVER_WT_PWR 323696	33.97 -0.48 0.00	28.94 -0.44 0.00	27.85 -0.45 0.00	26.82 -0.44 0.00	28.14 -0.37 0.00	30.67 -0.09 0.00	38.08 0.42 0.00	41.92 0.74 0.00	38.01 0.96 0.00	33.23 1.09 0.00	31.48 1.00 0.00	33.40 1.25 0.00	33.46 1.19 0.00	33.60 1.17 0.00	34.24 1.03 0.00	37.70 1.06 0.00	42.75 1.29 0.00	50.76 1.67 0.00	61.58 2.08 0.00	56.81 1.92 0.00	45.38 1.28 0.00	39.52 0.89 0.00	37.28 0.73 0.00	33.62 0.56 0.00
MARSHVLE_115KV_TB1 80742	35.96 1.52 0.00	30.64 1.26 0.00	29.49 1.19 0.00	28.32 1.06 0.00	29.68 1.17 0.00	32.05 1.29 0.00	39.36 1.70 0.00	42.91 1.73 0.00	37.60 0.56 0.00	31.91 -0.22 0.00	29.90 -0.58 0.00	31.60 -0.55 0.00	31.85 -0.42 0.00	32.04 -0.39 0.00	33.07 -0.13 0.00	36.78 0.15 0.00	42.13 0.66 0.00	50.56 1.47 0.00	62.17 2.68 0.00	57.19 2.31 0.00	46.00 1.90 0.00	40.33 1.70 0.00	38.05 1.50 0.00	34.38 1.32 0.00
MARSH_HILL_WT_PWR 323713	32.66 -1.79 0.00	27.85 -1.53 0.00	27.11 -1.19 0.00	26.36 -0.90 0.00	27.74 -0.77 0.00	30.02 -0.74 0.00	35.97 -1.69 0.00	39.29 -1.89 0.00	35.49 -1.55 0.00	30.81 -1.32 0.00	29.65 -0.82 0.00	31.18 -0.96 0.00	31.21 -1.06 0.00	31.39 -1.04 0.00	31.91 -1.30 0.00	35.50 -1.14 0.00	39.76 -1.70 0.00	47.96 -1.13 0.00	58.48 -1.01 0.00	53.79 -1.10 0.00	42.87 -1.23 0.00	37.47 -1.16 0.00	35.85 -0.70 0.00	32.76 -0.30 0.00
MCINTYRE_115KV_TB2 80467	35.38 0.93 0.00	30.23 0.85 0.00	29.09 0.79 0.00	27.94 0.68 0.00	29.28 0.77 0.00	31.65 0.89 0.00	39.06 1.39 0.00	42.62 1.44 0.00	38.16 1.11 0.00	32.97 0.84 0.00	31.08 0.61 0.00	32.95 0.80 0.00	33.08 0.81 0.00	33.24 0.81 0.00	33.94 0.73 0.00	37.51 0.88 0.00	42.79 1.33 0.00	51.05 1.96 0.00	62.35 2.86 0.00	57.85 2.96 0.00	46.31 2.21 0.00	40.37 1.74 0.00	38.08 1.54 0.00	34.35 1.29 0.00
MECO_____69_KV_BK1 80468	36.41 1.96 0.00	31.03 1.65 0.00	29.86 1.56 0.00	28.70 1.44 0.00	30.08 1.57 0.00	32.48 1.72 0.00	39.89 2.22 0.00	43.53 2.35 0.00	38.16 1.11 0.00	32.39 0.26 0.00	30.23 -0.24 0.00	31.85 -0.29 0.00	32.08 -0.19 0.00	32.30 -0.13 0.00	33.37 0.17 0.00	37.15 0.51 0.00	42.71 1.24 0.00	51.30 2.21 0.00	63.12 3.63 0.00	57.96 3.07 0.00	46.62 2.51 0.00	40.79 2.16 0.00	38.52 1.97 0.00	34.81 1.75 0.00
MENANDS___115KV_TB5 355628	35.10 0.65 0.00	29.97 0.59 0.00	28.84 0.54 0.00	27.74 0.49 0.00	28.99 0.48 0.00	31.25 0.49 0.00	38.50 0.83 0.00	42.17 0.99 0.00	37.83 0.78 0.00	32.81 0.67 0.00	30.99 0.52 0.00	32.59 0.45 0.00	32.75 0.48 0.00	32.92 0.49 0.00	33.80 0.60 0.00	37.22 0.59 0.00	42.29 0.83 0.00	49.97 0.88 0.00	60.45 0.95 0.00	55.65 0.77 0.00	44.81 0.71 0.00	39.33 0.70 0.00	37.13 0.58 0.00	33.49 0.43 0.00
MG INDUSTRY___DRP 24185	35.21 0.76 0.00	30.06 0.68 0.00	28.92 0.62 0.00	27.83 0.57 0.00	29.08 0.57 0.00	31.34 0.58 0.00	38.57 0.90 0.00	42.17 0.99 0.00	37.75 0.70 0.00	32.65 0.51 0.00	30.84 0.37 0.00	32.46 0.32 0.00	32.62 0.35 0.00	32.79 0.36 0.00	33.70 0.50 0.00	37.15 0.51 0.00	42.21 0.75 0.00	49.97 0.88 0.00	60.51 1.01 0.00	55.71 0.82 0.00	44.85 0.75 0.00	39.36 0.73 0.00	37.21 0.66 0.00	33.62 0.56 0.00

MID___OSWEGATCHIE_HYD 23849	34.79 0.34 0.00	29.73 0.35 0.00	28.64 0.34 0.00	27.47 0.22 0.00	28.79 0.29 0.00	31.10 0.34 0.00	38.27 0.60 0.00	41.80 0.62 0.00	37.46 0.41 0.00	32.29 0.16 0.00	30.44 -0.03 0.00	32.27 0.13 0.00	32.46 0.19 0.00	32.72 0.29 0.00	33.51 0.30 0.00	37.04 0.40 0.00	42.04 0.58 0.00	50.07 0.98 0.00	61.10 1.61 0.00	56.70 1.81 0.00	45.47 1.37 0.00	39.79 1.16 0.00	37.61 1.06 0.00	33.82 0.76 0.00
MID___RAQUETTE_HYD 23851	34.93 0.48 0.00	29.85 0.47 0.00	28.72 0.42 0.00	27.61 0.35 0.00	28.91 0.40 0.00	31.25 0.49 0.00	38.54 0.87 0.00	42.09 0.91 0.00	37.79 0.74 0.00	32.74 0.61 0.00	30.93 0.46 0.00	32.79 0.64 0.00	32.91 0.65 0.00	33.11 0.68 0.00	33.84 0.63 0.00	37.33 0.70 0.00	42.46 1.00 0.00	50.56 1.47 0.00	61.64 2.14 0.00	57.14 2.25 0.00	45.74 1.63 0.00	39.90 1.27 0.00	37.68 1.13 0.00	33.99 0.93 0.00
MILLIKEN___1 23584	34.72 0.28 0.00	29.59 0.21 0.00	28.53 0.23 0.00	27.50 0.25 0.00	28.79 0.29 0.00	31.13 0.37 0.00	37.82 0.15 0.00	41.35 0.16 0.00	37.20 0.15 0.00	32.10 -0.03 0.00	30.51 0.03 0.00	32.18 0.03 0.00	32.24 -0.03 0.00	32.37 -0.06 0.00	33.11 -0.10 0.00	36.74 0.11 0.00	41.51 0.04 0.00	49.33 0.25 0.00	60.09 0.59 0.00	55.54 0.66 0.00	44.55 0.44 0.00	38.90 0.27 0.00	36.84 0.29 0.00	33.42 0.36 0.00
MILLIKEN___2 23585	34.72 0.28 0.00	29.59 0.21 0.00	28.53 0.23 0.00	27.50 0.25 0.00	28.79 0.29 0.00	31.13 0.37 0.00	37.82 0.15 0.00	41.35 0.16 0.00	37.20 0.15 0.00	32.10 -0.03 0.00	30.51 0.03 0.00	32.18 0.03 0.00	32.24 -0.03 0.00	32.37 -0.06 0.00	33.11 -0.10 0.00	36.74 0.11 0.00	41.51 0.04 0.00	49.33 0.25 0.00	60.09 0.59 0.00	55.54 0.66 0.00	44.55 0.44 0.00	38.90 0.27 0.00	36.84 0.29 0.00	33.42 0.36 0.00
MILLIKEN___DIESEL 23629	34.72 0.28 0.00	29.59 0.21 0.00	28.53 0.23 0.00	27.50 0.25 0.00	28.79 0.29 0.00	31.13 0.37 0.00	37.82 0.15 0.00	41.35 0.16 0.00	37.20 0.15 0.00	32.10 -0.03 0.00	30.51 0.03 0.00	32.18 0.03 0.00	32.24 -0.03 0.00	32.37 -0.06 0.00	33.11 -0.10 0.00	36.74 0.11 0.00	41.51 0.04 0.00	49.33 0.25 0.00	60.09 0.59 0.00	55.54 0.66 0.00	44.55 0.44 0.00	38.90 0.27 0.00	36.84 0.29 0.00	33.42 0.36 0.00
MILLSEAT___LFGE 323607	33.66 -0.79 0.00	28.67 -0.71 0.00	27.88 -0.42 0.00	27.09 -0.16 0.00	28.51 0.00 0.00	30.70 -0.06 0.00	36.01 -1.66 0.00	39.08 -2.10 0.00	35.53 -1.52 0.00	31.04 -1.09 0.00	29.93 -0.55 0.00	31.44 -0.71 0.00	31.33 -0.94 0.00	31.52 -0.91 0.00	31.91 -1.30 0.00	35.39 -1.25 0.00	39.02 -2.45 0.00	46.83 -2.26 0.00	56.94 -2.56 0.00	52.42 -2.47 0.00	41.81 -2.30 0.00	36.66 -1.97 0.00	35.53 -1.02 0.00	32.93 -0.13 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	36.00 1.55 0.00	30.70 1.32 0.00	29.49 1.19 0.00	28.40 1.14 0.00	29.65 1.14 0.00	31.81 1.05 0.00	39.29 1.62 0.00	42.99 1.81 0.00	38.83 1.78 0.00	33.71 1.57 0.00	32.06 1.58 0.00	33.75 1.61 0.00	33.95 1.68 0.00	34.12 1.69 0.00	34.97 1.76 0.00	38.39 1.76 0.00	43.37 1.91 0.00	50.95 1.87 0.00	61.58 2.08 0.00	56.70 1.81 0.00	45.60 1.50 0.00	40.21 1.58 0.00	38.08 1.54 0.00	34.35 1.29 0.00
MILLWOOD_13_KV_LOAD 356217	36.03 1.58 0.00	30.73 1.35 0.00	29.55 1.25 0.00	28.45 1.20 0.00	29.71 1.20 0.00	31.87 1.11 0.00	39.36 1.70 0.00	43.08 1.89 0.00	38.86 1.82 0.00	33.77 1.64 0.00	32.12 1.65 0.00	33.81 1.67 0.00	34.01 1.74 0.00	34.18 1.75 0.00	35.03 1.83 0.00	38.46 1.83 0.00	43.45 1.99 0.00	51.05 1.96 0.00	61.70 2.20 0.00	56.81 1.92 0.00	45.69 1.59 0.00	40.25 1.62 0.00	38.12 1.57 0.00	34.38 1.32 0.00
MODEL_CITY_ENERGY 24167	33.03 -1.41 0.00	28.12 -1.26 0.00	27.37 -0.93 0.00	26.65 -0.60 0.00	28.05 -0.46 0.00	30.14 -0.61 0.00	35.07 -2.60 0.00	37.85 -3.33 0.00	34.53 -2.52 0.00	30.21 -1.93 0.00	29.29 -1.19 0.00	30.73 -1.41 0.00	30.62 -1.64 0.00	30.74 -1.69 0.00	31.08 -2.13 0.00	34.44 -2.20 0.00	37.81 -3.65 0.00	45.31 -3.78 0.00	54.91 -4.58 0.00	50.49 -4.39 0.00	40.31 -3.79 0.00	35.46 -3.17 0.00	34.54 -2.01 0.00	32.27 -0.79 0.00
MODERN_LFGE___ 323580	33.03 -1.41 0.00	28.12 -1.26 0.00	27.37 -0.93 0.00	26.65 -0.60 0.00	28.05 -0.46 0.00	30.14 -0.61 0.00	35.07 -2.60 0.00	37.85 -3.33 0.00	34.53 -2.52 0.00	30.21 -1.93 0.00	29.29 -1.19 0.00	30.73 -1.41 0.00	30.62 -1.64 0.00	30.74 -1.69 0.00	31.08 -2.13 0.00	34.44 -2.20 0.00	37.81 -3.65 0.00	45.31 -3.78 0.00	54.91 -4.58 0.00	50.49 -4.39 0.00	40.31 -3.79 0.00	35.46 -3.17 0.00	34.54 -2.01 0.00	32.27 -0.79 0.00
MOHAWK_PAPER___DRP 24187	35.28 0.83 0.00	30.11 0.73 0.00	28.98 0.68 0.00	27.88 0.63 0.00	29.11 0.60 0.00	31.41 0.65 0.00	38.69 1.02 0.00	42.38 1.19 0.00	37.97 0.93 0.00	32.90 0.77 0.00	31.05 0.58 0.00	32.69 0.55 0.00	32.85 0.58 0.00	33.02 0.58 0.00	33.90 0.70 0.00	37.37 0.73 0.00	42.46 1.00 0.00	50.22 1.13 0.00	60.80 1.31 0.00	55.98 1.10 0.00	45.03 0.93 0.00	39.52 0.89 0.00	37.32 0.77 0.00	33.69 0.63 0.00
MOHICAN___35_KV_115KV_LD 80490	35.72 1.27 0.00	30.50 1.12 0.00	29.35 1.05 0.00	28.21 0.95 0.00	29.51 1.00 0.00	31.84 1.08 0.00	39.10 1.43 0.00	42.83 1.65 0.00	38.20 1.15 0.00	32.97 0.84 0.00	30.93 0.46 0.00	32.56 0.42 0.00	32.72 0.45 0.00	32.89 0.45 0.00	33.87 0.66 0.00	37.37 0.73 0.00	42.71 1.24 0.00	50.71 1.62 0.00	61.76 2.26 0.00	56.70 1.81 0.00	45.60 1.50 0.00	39.90 1.27 0.00	37.72 1.17 0.00	34.12 1.06 0.00
MONGAUP___HYD 23641	36.10 1.65 0.00	30.73 1.35 0.00	29.57 1.27 0.00	28.51 1.25 0.00	29.73 1.22 0.00	31.93 1.17 0.00	39.37 1.70 0.00	42.99 1.81 0.00	38.68 1.63 0.00	33.45 1.32 0.00	31.76 1.28 0.00	33.43 1.29 0.00	33.59 1.32 0.00	33.79 1.36 0.00	34.67 1.46 0.00	38.17 1.54 0.00	43.33 1.87 0.00	51.15 2.06 0.00	62.23 2.74 0.00	57.30 2.41 0.00	45.96 1.85 0.00	40.41 1.78 0.00	38.12 1.57 0.00	34.45 1.39 0.00
MONTAUK___DIESEL 23721	36.31 1.86 0.00	30.91 1.53 0.00	29.86 1.56 0.00	28.78 1.53 0.00	30.10 1.60 0.00	32.21 1.45 0.00	39.97 2.30 0.00	43.24 2.06 0.00	39.49 2.45 0.00	34.25 2.12 0.00	33.10 2.62 0.00	34.68 2.54 0.00	34.82 2.55 0.00	35.03 2.59 0.00	35.97 2.76 -0.01	38.72 2.09 0.00	43.33 1.87 0.00	51.39 2.26 -0.04	61.40 1.90 0.00	56.31 1.43 0.00	44.89 0.79 0.01	39.43 0.81 0.01	37.21 0.66 0.00	33.89 0.83 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	32.17 -2.27 0.00	27.44 -1.94 0.00	26.69 -1.61 0.00	26.03 -1.23 0.00	27.42 -1.08 0.00	29.71 -1.05 0.00	35.15 -2.52 0.00	38.71 -2.47 0.00	35.23 -1.82 0.00	30.85 -1.29 0.00	29.90 -0.58 0.00	31.53 -0.61 0.00	31.43 -0.84 0.00	31.52 -0.91 0.00	31.91 -1.30 0.00	35.61 -1.03 0.00	39.31 -2.16 0.00	46.93 -2.16 0.00	57.41 -2.08 0.00	52.86 -2.03 0.00	42.21 -1.90 0.00	36.74 -1.89 0.00	35.42 -1.13 0.00	32.80 -0.26 0.00

MORRIS_RIDGE___SOLAR 323848	32.90 -1.55 0.00	28.03 -1.35 0.00	27.28 -1.02 0.00	26.52 -0.73 0.00	27.91 -0.60 0.00	30.11 -0.65 0.00	35.90 -1.77 0.00	39.08 -2.10 0.00	35.20 -1.85 0.00	30.53 -1.61 0.00	29.35 -1.13 0.00	30.82 -1.32 0.00	30.88 -1.39 0.00	31.07 -1.36 0.00	31.55 -1.66 0.00	35.06 -1.57 0.00	39.10 -2.36 0.00	47.17 -1.92 0.00	57.47 -2.02 0.00	52.86 -2.03 0.00	42.12 -1.98 0.00	36.89 -1.74 0.00	35.45 -1.10 0.00	32.50 -0.56 0.00
MORTIMER_115KV_TB3 55949	33.90 -0.55 0.00	28.82 -0.56 0.00	27.90 -0.40 0.00	26.98 -0.27 0.00	28.31 -0.20 0.00	30.58 -0.18 0.00	36.54 -1.13 0.00	39.99 -1.19 0.00	36.20 -0.85 0.00	31.52 -0.61 0.00	30.11 -0.37 0.00	31.69 -0.45 0.00	31.72 -0.55 0.00	31.88 -0.55 0.00	32.51 -0.70 0.00	36.01 -0.62 0.00	40.18 -1.29 0.00	47.66 -1.42 0.00	58.13 -1.37 0.00	53.57 -1.32 0.00	42.91 -1.19 0.00	37.47 -1.16 0.00	35.75 -0.80 0.00	32.76 -0.30 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	36.17 1.72 0.00	30.85 1.47 0.00	29.66 1.36 0.00	28.56 1.31 0.00	29.79 1.28 0.00	31.96 1.20 0.00	39.48 1.81 0.00	43.16 1.98 0.00	39.05 2.00 0.00	33.90 1.77 0.00	32.27 1.80 0.00	34.01 1.86 0.00	34.24 1.97 0.00	34.38 1.95 0.00	35.23 2.03 0.00	38.65 2.01 0.00	43.58 2.11 0.00	51.10 2.01 0.00	61.70 2.20 0.00	56.81 1.92 0.00	45.74 1.63 0.00	40.41 1.78 0.00	38.30 1.75 0.00	34.52 1.45 0.00
MUNSVILLE_WIND_PWR 323609	35.79 1.34 0.00	30.59 1.21 0.00	29.52 1.22 0.00	28.32 1.06 0.00	29.82 1.31 0.00	32.18 1.42 0.00	39.32 1.66 0.00	43.04 1.85 0.00	38.53 1.48 0.00	32.87 0.74 0.00	30.99 0.52 0.00	32.72 0.58 0.00	32.85 0.58 0.00	33.02 0.58 0.00	33.87 0.66 0.00	37.84 1.21 0.00	43.25 1.78 0.00	51.64 2.55 0.00	63.12 3.63 0.00	58.67 3.78 0.00	47.01 2.91 0.00	40.95 2.32 0.00	38.59 2.05 0.00	34.88 1.82 0.00
N SALMON___HYD 24042	34.66 0.21 0.00	29.61 0.23 0.00	28.47 0.17 0.00	27.39 0.14 0.00	28.65 0.14 0.00	31.10 0.34 0.00	38.46 0.79 0.00	42.09 0.90 0.00	37.94 0.89 0.00	33.06 0.93 0.00	31.27 0.79 0.00	33.17 1.03 0.00	33.27 1.00 0.00	33.40 0.97 0.00	34.07 0.86 0.00	37.58 0.95 0.00	42.71 1.24 0.00	50.85 1.76 0.00	61.88 2.38 0.00	57.30 2.41 0.00	45.74 1.63 0.00	39.83 1.20 0.00	37.61 1.06 0.00	33.92 0.86 0.00
N.AKRON__115KV_KNAPP 355671	33.62 -0.83 0.00	28.62 -0.76 0.00	27.85 -0.45 0.00	27.06 -0.19 0.00	28.48 -0.03 0.00	30.67 -0.09 0.00	35.63 -2.03 0.00	39.00 -2.18 0.00	35.45 -1.59 0.00	30.98 -1.16 0.00	29.90 -0.58 0.00	31.37 -0.77 0.00	31.30 -0.97 0.00	31.39 -1.04 0.00	31.84 -1.36 0.00	35.31 -1.32 0.00	38.89 -2.57 0.00	46.24 -2.85 0.00	56.52 -2.97 0.00	52.09 -2.80 0.00	41.68 -2.43 0.00	36.31 -2.32 0.00	35.09 -1.46 0.00	32.86 -0.20 0.00
N.E_GEN_SANDY PD 24062	35.58 1.14 0.00	30.35 0.97 0.00	29.21 0.91 0.00	28.10 0.85 0.00	29.34 0.83 0.00	31.62 0.86 0.00	39.02 1.35 0.00	42.83 1.65 0.00	38.42 1.37 0.00	33.35 1.22 0.00	31.51 1.04 0.00	33.17 1.03 0.00	33.37 1.10 0.00	33.53 1.10 0.00	34.40 1.19 0.00	37.80 1.17 0.00	42.36 1.49 0.59	51.30 1.62 -0.59	61.34 1.85 0.00	56.48 1.59 0.00	45.47 1.37 0.00	39.90 1.27 0.00	37.68 1.13 0.00	34.05 0.99 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	36.00 1.55 0.00	30.70 1.32 0.00	29.49 1.19 0.00	28.43 1.17 0.00	29.65 1.14 0.00	31.81 1.05 0.00	39.29 1.62 0.00	42.95 1.77 0.00	38.75 1.70 0.00	33.64 1.51 0.00	32.03 1.55 0.00	33.72 1.58 0.00	33.92 1.65 0.00	34.09 1.65 0.00	34.93 1.73 0.00	38.32 1.69 0.00	43.29 1.82 0.00	50.90 1.82 0.00	61.64 2.14 0.00	56.75 1.87 0.00	45.60 1.50 0.00	40.21 1.58 0.00	38.05 1.50 0.00	34.32 1.26 0.00
N.QUEENS_27_KV_LOAD 356247	36.21 1.76 -0.01	30.91 1.53 0.00	29.69 1.39 0.00	28.56 1.31 0.00	29.79 1.28 0.00	31.90 1.14 0.00	39.40 1.73 0.00	42.91 1.73 0.00	39.01 1.96 0.00	33.90 1.77 0.00	32.30 1.83 0.00	34.10 1.96 0.00	34.30 2.03 0.00	34.47 2.04 0.00	35.36 2.16 0.00	38.76 2.12 0.00	43.54 2.07 0.00	50.71 1.62 0.00	61.21 1.73 0.01	56.36 1.48 0.01	45.56 1.46 0.00	40.33 1.70 0.00	38.30 1.75 0.00	34.55 1.49 0.00
N.TROY___115KV_TB1 355778	35.52 1.07 0.00	30.29 0.91 0.00	29.15 0.85 0.00	28.04 0.79 0.00	29.31 0.80 0.00	31.59 0.83 0.00	38.95 1.28 0.00	42.67 1.48 0.00	38.23 1.19 0.00	33.10 0.96 0.00	31.24 0.76 0.00	32.88 0.74 0.00	33.04 0.77 0.00	33.21 0.78 0.00	34.10 0.90 0.00	37.59 0.95 0.00	42.75 1.29 0.00	50.61 1.52 0.00	61.28 1.78 0.00	56.42 1.54 0.00	45.38 1.28 0.00	39.79 1.16 0.00	37.61 1.06 0.00	33.92 0.86 0.00
NARROWS_GT1_1 24228	36.52 2.07 -0.01	31.11 1.73 0.00	29.88 1.58 0.00	28.75 1.50 0.00	29.99 1.48 0.00	32.05 1.29 0.00	39.44 1.77 0.00	42.91 1.73 0.00	39.08 2.04 0.00	33.93 1.80 0.00	32.27 1.80 0.00	34.07 1.93 0.00	34.30 2.03 0.00	34.44 2.01 0.00	35.36 2.16 0.00	38.79 2.16 0.00	43.62 2.15 0.00	50.71 1.62 0.00	61.39 1.90 0.01	56.52 1.65 0.01	45.69 1.59 0.00	40.45 1.82 0.00	38.49 1.94 0.00	34.78 1.72 0.00
NARROWS_GT1_2 24229	36.52 2.07 -0.01	31.11 1.73 0.00	29.88 1.58 0.00	28.75 1.50 0.00	29.99 1.48 0.00	32.05 1.29 0.00	39.44 1.77 0.00	42.91 1.73 0.00	39.08 2.04 0.00	33.93 1.80 0.00	32.27 1.80 0.00	34.07 1.93 0.00	34.30 2.03 0.00	34.44 2.01 0.00	35.36 2.16 0.00	38.79 2.16 0.00	43.62 2.15 0.00	50.71 1.62 0.00	61.39 1.90 0.01	56.52 1.65 0.01	45.69 1.59 0.00	40.45 1.82 0.00	38.49 1.94 0.00	34.78 1.72 0.00
NARROWS_GT1_3 24230	36.52 2.07 -0.01	31.11 1.73 0.00	29.88 1.58 0.00	28.75 1.50 0.00	29.99 1.48 0.00	32.05 1.29 0.00	39.44 1.77 0.00	42.91 1.73 0.00	39.08 2.04 0.00	33.93 1.80 0.00	32.27 1.80 0.00	34.07 1.93 0.00	34.30 2.03 0.00	34.44 2.01 0.00	35.36 2.16 0.00	38.79 2.16 0.00	43.62 2.15 0.00	50.71 1.62 0.00	61.39 1.90 0.01	56.52 1.65 0.01	45.69 1.59 0.00	40.45 1.82 0.00	38.49 1.94 0.00	34.78 1.72 0.00
NARROWS_GT1_4 24231	36.52 2.07 -0.01	31.11 1.73 0.00	29.88 1.58 0.00	28.75 1.50 0.00	29.99 1.48 0.00	32.05 1.29 0.00	39.44 1.77 0.00	42.91 1.73 0.00	39.08 2.04 0.00	33.93 1.80 0.00	32.27 1.80 0.00	34.07 1.93 0.00	34.30 2.03 0.00	34.44 2.01 0.00	35.36 2.16 0.00	38.79 2.16 0.00	43.62 2.15 0.00	50.71 1.62 0.00	61.39 1.90 0.01	56.52 1.65 0.01	45.69 1.59 0.00	40.45 1.82 0.00	38.49 1.94 0.00	34.78 1.72 0.00
NARROWS_GT1_5 24232	36.52 2.07 -0.01	31.11 1.73 0.00	29.88 1.58 0.00	28.75 1.50 0.00	29.99 1.48 0.00	32.05 1.29 0.00	39.44 1.77 0.00	42.91 1.73 0.00	39.08 2.04 0.00	33.93 1.80 0.00	32.27 1.80 0.00	34.07 1.93 0.00	34.30 2.03 0.00	34.44 2.01 0.00	35.36 2.16 0.00	38.79 2.16 0.00	43.62 2.15 0.00	50.71 1.62 0.00	61.39 1.90 0.01	56.52 1.65 0.01	45.69 1.59 0.00	40.45 1.82 0.00	38.49 1.94 0.00	34.78 1.72 0.00

NARROWS_GT1_6 24233	36.52 2.07 -0.01	31.11 1.73 0.00	29.88 1.58 0.00	28.75 1.50 0.00	29.99 1.48 0.00	32.05 1.29 0.00	39.44 1.77 0.00	42.91 1.73 0.00	39.08 2.04 0.00	33.93 1.80 0.00	32.27 1.80 0.00	34.07 1.93 0.00	34.30 2.03 0.00	34.44 2.01 0.00	35.36 2.16 0.00	38.79 2.16 0.00	43.62 2.15 0.00	50.71 1.62 0.00	61.39 1.90 0.01	56.52 1.65 0.01	45.69 1.59 0.00	40.45 1.82 0.00	38.49 1.94 0.00	34.78 1.72 0.00
NARROWS_GT1_7 24234	36.52 2.07 -0.01	31.11 1.73 0.00	29.88 1.58 0.00	28.75 1.50 0.00	29.99 1.48 0.00	32.05 1.29 0.00	39.44 1.77 0.00	42.91 1.73 0.00	39.08 2.04 0.00	33.93 1.80 0.00	32.27 1.80 0.00	34.07 1.93 0.00	34.30 2.03 0.00	34.44 2.01 0.00	35.36 2.16 0.00	38.79 2.16 0.00	43.62 2.15 0.00	50.71 1.62 0.00	61.39 1.90 0.01	56.52 1.65 0.01	45.69 1.59 0.00	40.45 1.82 0.00	38.49 1.94 0.00	34.78 1.72 0.00
NARROWS_GT1_8 24235	36.52 2.07 -0.01	31.11 1.73 0.00	29.88 1.58 0.00	28.75 1.50 0.00	29.99 1.48 0.00	32.05 1.29 0.00	39.44 1.77 0.00	42.91 1.73 0.00	39.08 2.04 0.00	33.93 1.80 0.00	32.27 1.80 0.00	34.07 1.93 0.00	34.30 2.03 0.00	34.44 2.01 0.00	35.36 2.16 0.00	38.79 2.16 0.00	43.62 2.15 0.00	50.71 1.62 0.00	61.39 1.90 0.01	56.52 1.65 0.01	45.69 1.59 0.00	40.45 1.82 0.00	38.49 1.94 0.00	34.78 1.72 0.00
NARROWS_GT2_1 24236	36.52 2.07 -0.01	31.11 1.73 0.00	29.88 1.58 0.00	28.75 1.50 0.00	29.99 1.48 0.00	32.05 1.29 0.00	39.44 1.77 0.00	42.91 1.73 0.00	39.08 2.04 0.00	33.93 1.80 0.00	32.27 1.80 0.00	34.07 1.93 0.00	34.30 2.03 0.00	34.44 2.01 0.00	35.36 2.16 0.00	38.79 2.16 0.00	43.62 2.15 0.00	50.71 1.62 0.00	61.39 1.90 0.01	56.52 1.65 0.01	45.69 1.59 0.00	40.45 1.82 0.00	38.49 1.94 0.00	34.78 1.72 0.00
NARROWS_GT2_2 24237	36.52 2.07 -0.01	31.11 1.73 0.00	29.88 1.58 0.00	28.75 1.50 0.00	29.99 1.48 0.00	32.05 1.29 0.00	39.44 1.77 0.00	42.91 1.73 0.00	39.08 2.04 0.00	33.93 1.80 0.00	32.27 1.80 0.00	34.07 1.93 0.00	34.30 2.03 0.00	34.44 2.01 0.00	35.36 2.16 0.00	38.79 2.16 0.00	43.62 2.15 0.00	50.71 1.62 0.00	61.39 1.90 0.01	56.52 1.65 0.01	45.69 1.59 0.00	40.45 1.82 0.00	38.49 1.94 0.00	34.78 1.72 0.00
NARROWS_GT2_3 24238	36.52 2.07 -0.01	31.11 1.73 0.00	29.88 1.58 0.00	28.75 1.50 0.00	29.99 1.48 0.00	32.05 1.29 0.00	39.44 1.77 0.00	42.91 1.73 0.00	39.08 2.04 0.00	33.93 1.80 0.00	32.27 1.80 0.00	34.07 1.93 0.00	34.30 2.03 0.00	34.44 2.01 0.00	35.36 2.16 0.00	38.79 2.16 0.00	43.62 2.15 0.00	50.71 1.62 0.00	61.39 1.90 0.01	56.52 1.65 0.01	45.69 1.59 0.00	40.45 1.82 0.00	38.49 1.94 0.00	34.78 1.72 0.00
NARROWS_GT2_4 24239	36.52 2.07 -0.01	31.11 1.73 0.00	29.88 1.58 0.00	28.75 1.50 0.00	29.99 1.48 0.00	32.05 1.29 0.00	39.44 1.77 0.00	42.91 1.73 0.00	39.08 2.04 0.00	33.93 1.80 0.00	32.27 1.80 0.00	34.07 1.93 0.00	34.30 2.03 0.00	34.44 2.01 0.00	35.36 2.16 0.00	38.79 2.16 0.00	43.62 2.15 0.00	50.71 1.62 0.00	61.39 1.90 0.01	56.52 1.65 0.01	45.69 1.59 0.00	40.45 1.82 0.00	38.49 1.94 0.00	34.78 1.72 0.00
NARROWS_GT2_5 24240	36.52 2.07 -0.01	31.11 1.73 0.00	29.88 1.58 0.00	28.75 1.50 0.00	29.99 1.48 0.00	32.05 1.29 0.00	39.44 1.77 0.00	42.91 1.73 0.00	39.08 2.04 0.00	33.93 1.80 0.00	32.27 1.80 0.00	34.07 1.93 0.00	34.30 2.03 0.00	34.44 2.01 0.00	35.36 2.16 0.00	38.79 2.16 0.00	43.62 2.15 0.00	50.71 1.62 0.00	61.39 1.90 0.01	56.52 1.65 0.01	45.69 1.59 0.00	40.45 1.82 0.00	38.49 1.94 0.00	34.78 1.72 0.00
NARROWS_GT2_6 24241	36.52 2.07 -0.01	31.11 1.73 0.00	29.88 1.58 0.00	28.75 1.50 0.00	29.99 1.48 0.00	32.05 1.29 0.00	39.44 1.77 0.00	42.91 1.73 0.00	39.08 2.04 0.00	33.93 1.80 0.00	32.27 1.80 0.00	34.07 1.93 0.00	34.30 2.03 0.00	34.44 2.01 0.00	35.36 2.16 0.00	38.79 2.16 0.00	43.62 2.15 0.00	50.71 1.62 0.00	61.39 1.90 0.01	56.52 1.65 0.01	45.69 1.59 0.00	40.45 1.82 0.00	38.49 1.94 0.00	34.78 1.72 0.00
NARROWS_GT2_7 24242	36.52 2.07 -0.01	31.11 1.73 0.00	29.88 1.58 0.00	28.75 1.50 0.00	29.99 1.48 0.00	32.05 1.29 0.00	39.44 1.77 0.00	42.91 1.73 0.00	39.08 2.04 0.00	33.93 1.80 0.00	32.27 1.80 0.00	34.07 1.93 0.00	34.30 2.03 0.00	34.44 2.01 0.00	35.36 2.16 0.00	38.79 2.16 0.00	43.62 2.15 0.00	50.71 1.62 0.00	61.39 1.90 0.01	56.52 1.65 0.01	45.69 1.59 0.00	40.45 1.82 0.00	38.49 1.94 0.00	34.78 1.72 0.00
NARROWS_GT2_8 24243	36.52 2.07 -0.01	31.11 1.73 0.00	29.88 1.58 0.00	28.75 1.50 0.00	29.99 1.48 0.00	32.05 1.29 0.00	39.44 1.77 0.00	42.91 1.73 0.00	39.08 2.04 0.00	33.93 1.80 0.00	32.27 1.80 0.00	34.07 1.93 0.00	34.30 2.03 0.00	34.44 2.01 0.00	35.36 2.16 0.00	38.79 2.16 0.00	43.62 2.15 0.00	50.71 1.62 0.00	61.39 1.90 0.01	56.52 1.65 0.01	45.69 1.59 0.00	40.45 1.82 0.00	38.49 1.94 0.00	34.78 1.72 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	35.48 1.03 0.00	30.26 0.88 0.00	29.15 0.85 0.00	28.07 0.82 0.00	29.31 0.80 0.00	31.59 0.83 0.00	38.91 1.24 0.00	42.46 1.28 0.00	37.90 0.85 0.00	32.68 0.55 0.00	30.75 0.27 0.00	32.34 0.19 0.00	32.50 0.23 0.00	32.72 0.29 0.00	33.67 0.46 0.00	37.18 0.55 0.00	42.42 0.95 0.00	50.36 1.28 0.00	61.28 1.78 0.00	56.42 1.54 0.00	45.21 1.10 0.00	39.60 0.97 0.00	37.39 0.84 0.00	33.79 0.73 0.00
NCHELSEA_115KV_TR2 355582	36.10 1.65 0.00	30.76 1.38 0.00	29.57 1.27 0.00	28.51 1.25 0.00	29.73 1.23 0.00	31.93 1.17 0.00	39.48 1.81 0.00	43.12 1.94 0.00	38.86 1.82 0.00	33.71 1.57 0.00	32.00 1.52 0.00	33.65 1.51 0.00	33.88 1.61 0.00	34.12 1.69 0.00	34.97 1.76 0.00	38.43 1.80 0.00	43.45 1.99 0.00	51.20 2.11 0.00	61.99 2.50 0.00	57.14 2.25 0.00	45.82 1.72 0.00	40.33 1.70 0.00	38.16 1.61 0.00	34.42 1.36 0.00
NEG CAPITAL___MECHNVIL 23645	35.83 1.38 0.00	30.56 1.18 0.00	29.40 1.10 0.00	28.29 1.04 0.00	29.56 1.06 0.00	31.90 1.14 0.00	39.25 1.58 0.00	42.99 1.81 0.00	38.46 1.41 0.00	33.23 1.09 0.00	31.27 0.79 0.00	32.91 0.77 0.00	33.08 0.81 0.00	33.24 0.81 0.00	34.20 1.00 0.00	37.73 1.10 0.00	43.00 1.54 0.00	50.95 1.86 0.00	61.88 2.38 0.00	56.92 2.03 0.00	45.78 1.68 0.00	40.10 1.47 0.00	37.90 1.35 0.00	34.28 1.22 0.00
NEG CENTRAL_HIGH_ACRES 23767	33.34 -1.10 0.00	28.35 -1.03 0.00	27.45 -0.85 0.00	26.49 -0.76 0.00	27.80 -0.71 0.00	30.02 -0.74 0.00	36.16 -1.51 0.00	39.45 -1.73 0.00	35.68 -1.37 0.00	31.01 -1.13 0.00	29.59 -0.88 0.00	31.18 -0.96 0.00	31.21 -1.06 0.00	31.39 -1.04 0.00	32.01 -1.19 0.00	35.46 -1.17 0.00	39.68 -1.78 0.00	47.27 -1.82 0.00	57.47 -2.02 0.00	53.02 -1.87 0.00	42.38 -1.72 0.00	37.08 -1.55 0.00	35.38 -1.17 0.00	32.17 -0.89 0.00



NEG CENTRAL___DRP 24199	34.21 -0.24 0.00	29.12 -0.26 0.00	28.13 -0.17 0.00	27.15 -0.11 0.00	28.45 -0.06 0.00	30.76 0.00 0.00	37.22 -0.45 0.00	40.61 -0.58 0.00	36.64 -0.41 0.00	31.71 -0.42 0.00	30.20 -0.27 0.00	31.82 -0.32 0.00	31.88 -0.39 0.00	32.01 -0.42 0.00	32.71 -0.50 0.00	36.27 -0.37 0.00	40.80 -0.66 0.00	48.50 -0.59 0.00	59.08 -0.42 0.00	54.61 -0.27 0.00	43.75 -0.35 0.00	38.24 -0.39 0.00	36.26 -0.29 0.00	32.99 -0.07 0.00
NEG CENTRAL___INDECK 23768	34.38 -0.07 0.00	29.26 -0.12 0.00	28.41 0.11 0.00	27.47 0.22 0.00	28.91 0.40 0.00	31.25 0.49 0.00	37.41 -0.26 0.00	40.90 -0.29 0.00	36.79 -0.26 0.00	31.78 -0.35 0.00	30.32 -0.15 0.00	31.85 -0.29 0.00	31.88 -0.39 0.00	32.04 -0.39 0.00	32.64 -0.56 0.00	36.38 -0.25 0.00	40.76 -0.71 0.00	49.19 0.10 0.00	60.27 0.77 0.00	55.55 0.66 0.00	44.28 0.18 0.00	38.63 0.00 0.00	36.95 0.40 0.00	33.72 0.66 0.00
NEG CENTRAL___SENECA 23627	34.17 -0.28 0.00	29.09 -0.29 0.00	28.13 -0.17 0.00	27.17 -0.08 0.00	28.48 -0.03 0.00	30.79 0.03 0.00	37.14 -0.53 0.00	40.52 -0.66 0.00	36.68 -0.37 0.00	31.71 -0.42 0.00	30.23 -0.24 0.00	31.85 -0.29 0.00	31.88 -0.39 0.00	32.01 -0.42 0.00	32.71 -0.50 0.00	36.30 -0.33 0.00	40.68 -0.79 0.00	48.45 -0.64 0.00	59.14 -0.36 0.00	54.61 -0.27 0.00	43.71 -0.40 0.00	38.21 -0.42 0.00	36.29 -0.26 0.00	33.13 0.07 0.00
NEG CENTRAL___STATE_STREET 24147	34.35 -0.10 0.00	29.23 -0.15 0.00	28.19 -0.11 0.00	27.17 -0.08 0.00	28.48 -0.03 0.00	30.76 0.00 0.00	37.37 -0.30 0.00	40.85 -0.33 0.00	36.75 -0.30 0.00	31.81 -0.32 0.00	30.23 -0.24 0.00	31.89 -0.26 0.00	31.95 -0.32 0.00	32.11 -0.32 0.00	32.84 -0.37 0.00	36.38 -0.26 0.00	41.09 -0.37 0.00	48.79 -0.29 0.00	59.38 -0.12 0.00	54.89 0.00 0.00	43.97 -0.13 0.00	38.44 -0.19 0.00	36.37 -0.18 0.00	32.99 -0.07 0.00
NEG MILLWOOD___DRP 24198	36.21 1.76 0.00	30.85 1.47 0.00	29.63 1.33 0.00	28.59 1.34 0.00	29.82 1.31 0.00	32.02 1.26 0.00	39.59 1.92 0.00	43.32 2.14 0.00	39.01 1.96 0.00	33.87 1.74 0.00	32.15 1.68 0.00	33.88 1.74 0.00	34.11 1.84 0.00	34.28 1.85 0.00	35.17 1.96 0.00	38.65 2.01 0.00	43.70 2.24 0.00	51.35 2.26 0.00	62.17 2.68 0.00	57.25 2.36 0.00	45.96 1.85 0.00	40.41 1.78 0.00	38.30 1.75 0.00	34.52 1.45 0.00
NEG NORTH_FLCN_SEA 23793	34.35 -0.10 0.00	29.29 -0.09 0.00	28.19 -0.11 0.00	27.15 -0.11 0.00	28.42 -0.09 0.00	30.94 0.18 0.00	38.31 0.64 0.00	42.05 0.86 0.00	38.08 1.04 0.00	33.26 1.12 0.00	31.51 1.04 0.00	33.40 1.25 0.00	33.50 1.23 0.00	33.63 1.20 0.00	34.27 1.06 0.00	37.77 1.14 0.00	42.83 1.37 0.00	50.90 1.82 0.00	61.82 2.32 0.00	57.08 2.20 0.00	45.60 1.50 0.00	39.71 1.08 0.00	37.50 0.95 0.00	33.85 0.79 0.00
NEG NORTH_KES_CHATEGAY 23792	34.24 -0.21 0.00	29.20 -0.18 0.00	28.10 -0.20 0.00	27.06 -0.19 0.00	28.31 -0.20 0.00	30.73 -0.03 0.00	37.93 0.26 0.00	41.59 0.41 0.00	37.57 0.52 0.00	32.71 0.58 0.00	30.99 0.52 0.00	32.82 0.68 0.00	32.91 0.65 0.00	33.05 0.62 0.00	33.77 0.56 0.00	37.22 0.59 0.00	42.25 0.79 0.00	50.17 1.08 0.00	60.92 1.43 0.00	56.26 1.37 0.00	45.03 0.93 0.00	39.29 0.66 0.00	37.10 0.55 0.00	33.49 0.43 0.00
NEG NORTH___ALICE_FALLS 23915	34.41 -0.03 0.00	29.35 -0.03 0.00	28.24 -0.06 0.00	27.20 -0.05 0.00	28.48 -0.03 0.00	30.98 0.22 0.00	38.35 0.68 0.00	42.09 0.91 0.00	38.08 1.04 0.00	33.26 1.12 0.00	31.48 1.01 0.00	33.40 1.25 0.00	33.46 1.19 0.00	33.60 1.17 0.00	34.24 1.03 0.00	37.73 1.10 0.00	42.87 1.41 0.00	50.95 1.87 0.00	61.93 2.44 0.00	57.25 2.36 0.00	45.69 1.59 0.00	39.75 1.12 0.00	37.54 0.99 0.00	33.89 0.83 0.00
NEG NORTH___LWR_SARANAC 23913	34.41 -0.03 0.00	29.35 -0.03 0.00	28.24 -0.06 0.00	27.20 -0.05 0.00	28.48 -0.03 0.00	30.98 0.22 0.00	38.35 0.68 0.00	42.09 0.91 0.00	38.08 1.04 0.00	33.26 1.12 0.00	31.48 1.01 0.00	33.40 1.25 0.00	33.46 1.19 0.00	33.60 1.17 0.00	34.24 1.03 0.00	37.73 1.10 0.00	42.87 1.41 0.00	50.95 1.87 0.00	61.93 2.44 0.00	57.25 2.36 0.00	45.69 1.59 0.00	39.75 1.12 0.00	37.54 0.99 0.00	33.89 0.83 0.00
NEG NORTH___PLATTSBURG 23628	34.41 -0.03 0.00	29.35 -0.03 0.00	28.24 -0.06 0.00	27.20 -0.05 0.00	28.48 -0.03 0.00	30.98 0.22 0.00	38.35 0.68 0.00	42.09 0.90 0.00	38.08 1.04 0.00	33.26 1.12 0.00	31.48 1.00 0.00	33.40 1.25 0.00	33.46 1.19 0.00	33.60 1.17 0.00	34.24 1.03 0.00	37.73 1.10 0.00	42.87 1.41 0.00	51.00 1.91 0.00	61.94 2.44 0.00	57.24 2.36 0.00	45.69 1.59 0.00	39.79 1.16 0.00	37.54 0.99 0.00	33.89 0.83 0.00
NEG WEST_LEA_LOCKPORT 23791	33.14 -1.31 0.00	28.18 -1.20 0.00	27.42 -0.88 0.00	26.71 -0.55 0.00	28.11 -0.40 0.00	30.24 -0.52 0.00	35.03 -2.64 0.00	38.26 -2.92 0.00	34.82 -2.22 0.00	30.49 -1.64 0.00	29.53 -0.94 0.00	30.99 -1.16 0.00	30.91 -1.36 0.00	30.94 -1.49 0.00	31.38 -1.83 0.00	34.76 -1.87 0.00	38.19 -3.28 0.00	45.31 -3.78 0.00	55.21 -4.28 0.00	50.88 -4.01 0.00	40.75 -3.35 0.00	35.58 -3.05 0.00	34.47 -2.08 0.00	32.37 -0.69 0.00
NEG WEST___LANCASTR 23811	32.66 -1.79 0.00	27.79 -1.59 0.00	26.97 -1.33 0.00	26.30 -0.95 0.00	27.65 -0.86 0.00	29.78 -0.98 0.00	35.07 -2.60 0.00	38.38 -2.80 0.00	34.82 -2.22 0.00	30.43 -1.70 0.00	29.44 -1.04 0.00	30.99 -1.16 0.00	30.85 -1.42 0.00	30.87 -1.56 0.00	31.25 -1.96 0.00	34.69 -1.94 0.00	38.31 -3.15 0.00	45.60 -3.49 0.00	55.69 -3.81 0.00	51.32 -3.57 0.00	41.02 -3.09 0.00	35.77 -2.86 0.00	34.47 -2.08 0.00	32.00 -1.06 0.00
NEG_PENN_ALLEGHNY 23528	34.48 0.03 0.00	29.38 0.00 0.00	28.33 0.03 0.00	27.36 0.11 0.00	28.65 0.14 0.00	30.88 0.12 0.00	37.52 -0.15 0.00	41.02 -0.16 0.00	36.97 -0.07 0.00	32.00 -0.13 0.00	30.54 0.06 0.00	32.18 0.03 0.00	32.20 -0.06 0.00	32.37 -0.06 0.00	33.04 -0.17 0.00	36.52 -0.11 0.00	41.22 -0.25 0.00	48.99 -0.10 0.00	59.44 -0.06 0.00	54.83 -0.05 0.00	43.97 -0.13 0.00	38.51 -0.12 0.00	36.59 0.04 0.00	33.23 0.17 0.00
NEG___GEN_MONROE 24207	33.97 -0.48 0.00	28.94 -0.44 0.00	28.05 -0.25 0.00	27.12 -0.14 0.00	28.48 -0.03 0.00	30.73 -0.03 0.00	36.54 -1.13 0.00	39.91 -1.28 0.00	36.16 -0.89 0.00	31.49 -0.64 0.00	30.11 -0.37 0.00	31.63 -0.51 0.00	31.66 -0.61 0.00	31.82 -0.62 0.00	32.41 -0.80 0.00	35.90 -0.73 0.00	39.93 -1.53 0.00	47.42 -1.67 0.00	57.89 -1.61 0.00	53.40 -1.48 0.00	42.78 -1.32 0.00	37.28 -1.35 0.00	35.71 -0.84 0.00	32.90 -0.17 0.00
NEPA___ENERGY 23901	33.04 -1.41 0.00	28.12 -1.26 0.00	27.28 -1.02 0.00	26.60 -0.65 0.00	27.94 -0.57 0.00	30.08 -0.68 0.00	35.52 -2.15 0.00	38.92 -2.27 0.00	35.31 -1.74 0.00	30.81 -1.32 0.00	29.87 -0.61 0.00	31.40 -0.74 0.00	31.27 -1.00 0.00	31.30 -1.14 0.00	31.68 -1.53 0.00	35.17 -1.47 0.00	38.89 -2.57 0.00	46.34 -2.75 0.00	56.52 -2.97 0.00	52.09 -2.80 0.00	41.68 -2.43 0.00	36.39 -2.24 0.00	34.98 -1.57 0.00	32.47 -0.60 0.00

NEVERSINK___HYD 23608	36.24 1.79 0.00	30.88 1.50 0.00	29.71 1.41 0.00	28.64 1.39 0.00	29.88 1.37 0.00	32.05 1.29 0.00	39.55 1.88 0.00	43.24 2.06 0.00	38.90 1.85 0.00	33.67 1.54 0.00	31.97 1.49 0.00	33.65 1.51 0.00	33.85 1.58 0.00	34.05 1.62 0.00	34.90 1.69 0.00	38.43 1.79 0.00	43.62 2.15 0.00	51.40 2.31 0.00	62.53 3.03 0.00	57.63 2.74 0.00	46.22 2.12 0.00	40.64 2.01 0.00	38.38 1.83 0.00	34.65 1.59 0.00
NEWKRMKL_115KV_TB1 55635	34.90 0.45 0.00	29.82 0.44 0.00	28.70 0.40 0.00	27.61 0.35 0.00	28.85 0.34 0.00	31.10 0.34 0.00	38.31 0.64 0.00	41.92 0.74 0.00	37.60 0.56 0.00	32.58 0.45 0.00	30.78 0.30 0.00	32.40 0.26 0.00	32.53 0.26 0.00	32.69 0.26 0.00	33.60 0.40 0.00	37.00 0.37 0.00	42.04 0.58 0.00	49.68 0.59 0.00	60.09 0.59 0.00	55.33 0.44 0.00	44.50 0.40 0.00	39.06 0.42 0.00	36.91 0.37 0.00	33.29 0.23 0.00
NEWTON___FALLS_HYD 23847	34.79 0.34 0.00	29.73 0.35 0.00	28.64 0.34 0.00	27.47 0.22 0.00	28.79 0.29 0.00	31.10 0.34 0.00	38.27 0.60 0.00	41.80 0.62 0.00	37.46 0.41 0.00	32.29 0.16 0.00	30.44 -0.03 0.00	32.27 0.13 0.00	32.46 0.19 0.00	32.72 0.29 0.00	33.51 0.30 0.00	37.04 0.40 0.00	42.04 0.58 0.00	50.07 0.98 0.00	61.10 1.61 0.00	56.70 1.81 0.00	45.47 1.37 0.00	39.79 1.16 0.00	37.61 1.06 0.00	33.82 0.76 0.00
NGRID_A1_DSASP 323792	32.49 -1.96 0.00	27.53 -1.85 0.00	26.80 -1.50 0.00	26.11 -1.14 0.00	27.48 -1.03 0.00	29.59 -1.17 0.00	34.73 -2.94 0.00	37.56 -3.62 0.00	34.31 -2.74 0.00	30.01 -2.12 0.00	29.14 -1.34 0.00	30.57 -1.57 0.00	30.46 -1.81 0.00	30.58 -1.85 0.00	30.92 -2.29 0.00	34.21 -2.42 0.00	37.52 -3.94 0.00	44.92 -4.17 0.00	54.32 -5.18 0.00	50.00 -4.89 0.00	39.91 -4.19 0.00	35.19 -3.44 0.00	34.28 -2.27 0.00	31.64 -1.42 0.00
NGRID_A2_DSASP 323793	32.49 -1.96 0.00	27.53 -1.85 0.00	26.80 -1.50 0.00	26.11 -1.14 0.00	27.48 -1.03 0.00	29.59 -1.17 0.00	34.73 -2.94 0.00	37.56 -3.62 0.00	34.31 -2.74 0.00	30.01 -2.12 0.00	29.14 -1.34 0.00	30.57 -1.57 0.00	30.46 -1.81 0.00	30.58 -1.85 0.00	30.92 -2.29 0.00	34.21 -2.42 0.00	37.52 -3.94 0.00	44.92 -4.17 0.00	54.32 -5.18 0.00	50.00 -4.89 0.00	39.91 -4.19 0.00	35.19 -3.44 0.00	34.28 -2.27 0.00	31.64 -1.42 0.00
NGRID_A4_DSASP 323807	32.49 -1.96 0.00	27.53 -1.85 0.00	26.80 -1.50 0.00	26.11 -1.14 0.00	27.48 -1.03 0.00	29.59 -1.17 0.00	34.73 -2.94 0.00	37.56 -3.62 0.00	34.31 -2.74 0.00	30.01 -2.12 0.00	29.14 -1.34 0.00	30.57 -1.57 0.00	30.46 -1.81 0.00	30.58 -1.85 0.00	30.92 -2.29 0.00	34.21 -2.42 0.00	37.52 -3.94 0.00	44.92 -4.17 0.00	54.32 -5.18 0.00	50.00 -4.89 0.00	39.91 -4.19 0.00	35.19 -3.44 0.00	34.28 -2.27 0.00	31.64 -1.42 0.00
NIAGARA_115E_LBMP 323715	32.93 -1.51 0.00	27.94 -1.29 0.00	27.17 -0.99 0.00	26.46 -0.63 0.00	27.82 -0.51 0.00	29.96 -0.68 0.00	35.18 -2.79 0.00	38.05 -3.54 0.00	34.71 -2.70 0.00	30.36 -2.09 0.00	29.47 -1.31 0.00	30.89 -1.57 0.00	30.82 -1.77 0.00	30.94 -1.82 0.00	31.28 -2.29 0.00	34.58 -2.38 0.00	38.02 -3.85 0.00	45.51 -4.02 0.00	55.09 -5.00 0.00	50.66 -4.72 0.00	40.49 -4.06 0.00	35.66 -3.36 0.00	34.72 -2.19 0.00	32.04 -0.89 0.00
NIAGARA_115W_LBMP 323714	32.42 -2.03 0.00	27.47 -1.91 0.00	26.72 -1.58 0.00	26.06 -1.20 0.00	27.42 -1.08 0.00	29.53 -1.23 0.00	34.65 -3.01 0.00	37.48 -3.71 0.00	34.20 -2.85 0.00	29.95 -2.19 0.00	29.07 -1.40 0.00	30.47 -1.67 0.00	30.40 -1.87 0.00	30.52 -1.91 0.00	30.82 -2.39 0.00	34.11 -2.53 0.00	37.44 -4.02 0.00	44.82 -4.27 0.00	54.20 -5.30 0.00	49.84 -5.05 0.00	39.83 -4.28 0.00	35.12 -3.52 0.00	34.21 -2.34 0.00	31.54 -1.52 0.00
NIAGARA_230_LBMP 323716	32.93 -1.51 0.00	27.94 -1.44 0.00	27.17 -1.13 0.00	26.46 -0.79 0.00	27.82 -0.68 0.00	29.96 -0.80 0.00	35.18 -2.49 0.00	38.05 -3.13 0.00	34.71 -2.33 0.00	30.36 -1.77 0.00	29.47 -1.00 0.00	30.89 -1.25 0.00	30.82 -1.45 0.00	30.94 -1.49 0.00	31.28 -1.93 0.00	34.58 -2.05 0.00	38.02 -3.44 0.00	45.51 -3.58 0.00	55.09 -4.40 0.00	50.66 -4.23 0.00	40.49 -3.62 0.00	35.66 -2.97 0.00	34.72 -1.83 0.00	32.04 -1.03 0.00
NIAGARA___115KV_198_GIBSON 55903	32.42 -2.03 0.00	27.47 -1.91 0.00	26.72 -1.58 0.00	26.06 -1.20 0.00	27.40 -1.11 0.00	29.53 -1.23 0.00	34.35 -3.31 0.00	37.48 -3.71 0.00	34.19 -2.85 0.00	29.95 -2.18 0.00	29.04 -1.43 0.00	30.47 -1.67 0.00	30.40 -1.87 0.00	30.42 -2.01 0.00	30.82 -2.39 0.00	34.11 -2.53 0.00	37.40 -4.06 0.00	44.28 -4.81 0.00	53.90 -5.59 0.00	49.67 -5.21 0.00	39.87 -4.23 0.00	34.84 -3.79 0.00	33.81 -2.74 0.00	31.54 -1.52 0.00
NIAGARA___ 23760	32.93 -1.51 0.00	27.94 -1.44 0.00	27.17 -1.13 0.00	26.46 -0.79 0.00	27.82 -0.68 0.00	29.96 -0.80 0.00	35.18 -2.49 0.00	38.05 -3.13 0.00	34.71 -2.33 0.00	30.36 -1.77 0.00	29.47 -1.00 0.00	30.89 -1.25 0.00	30.82 -1.45 0.00	30.94 -1.49 0.00	31.28 -1.93 0.00	34.58 -2.05 0.00	38.02 -3.44 0.00	45.51 -3.58 0.00	55.09 -4.40 0.00	50.66 -4.23 0.00	40.49 -3.62 0.00	35.66 -2.97 0.00	34.72 -1.83 0.00	32.04 -1.03 0.00
NINE_MILE_1 23575	33.55 -0.90 0.00	28.59 -0.79 0.00	27.56 -0.74 0.00	26.57 -0.68 0.00	27.80 -0.71 0.00	30.02 -0.74 0.00	36.54 -1.13 0.00	39.86 -1.32 0.00	35.86 -1.19 0.00	31.07 -1.06 0.00	29.53 -0.94 0.00	31.11 -1.03 0.00	31.24 -1.03 0.00	31.39 -1.04 0.00	32.11 -1.09 0.00	35.46 -1.17 0.00	40.10 -1.37 0.00	47.52 -1.57 0.00	57.59 -1.91 0.00	53.18 -1.70 0.00	42.69 -1.41 0.00	37.39 -1.24 0.00	35.42 -1.13 0.00	32.07 -0.99 0.00
NINE_MILE_2 23744	33.55 -0.90 0.00	28.59 -0.79 0.00	27.56 -0.74 0.00	26.57 -0.68 0.00	27.80 -0.71 0.00	30.02 -0.74 0.00	36.54 -1.13 0.00	39.86 -1.32 0.00	35.86 -1.19 0.00	31.07 -1.06 0.00	29.53 -0.94 0.00	31.11 -1.03 0.00	31.24 -1.03 0.00	31.39 -1.04 0.00	32.11 -1.09 0.00	35.46 -1.17 0.00	40.10 -1.37 0.00	47.52 -1.57 0.00	57.59 -1.91 0.00	53.18 -1.70 0.00	42.69 -1.41 0.00	37.39 -1.24 0.00	35.42 -1.13 0.00	32.07 -0.99 0.00
NM_CAPITAL___DRP 24208	35.00 0.55 0.00	29.91 0.53 0.00	28.78 0.48 0.00	27.69 0.44 0.00	28.94 0.43 0.00	31.19 0.43 0.00	38.42 0.75 0.00	42.09 0.91 0.00	37.75 0.70 0.00	32.71 0.58 0.00	30.93 0.46 0.00	32.53 0.39 0.00	32.69 0.42 0.00	32.85 0.42 0.00	33.74 0.53 0.00	37.15 0.51 0.00	42.21 0.75 0.00	49.87 0.79 0.00	60.33 0.83 0.00	55.54 0.66 0.00	44.68 0.57 0.00	39.21 0.58 0.00	37.06 0.51 0.00	33.42 0.36 0.00
NM_CENTRAL___DRP 24181	34.10 -0.34 0.00	29.06 -0.32 0.00	28.02 -0.28 0.00	26.98 -0.27 0.00	28.25 -0.26 0.00	30.51 -0.25 0.00	37.10 -0.57 0.00	40.52 -0.66 0.00	36.45 -0.59 0.00	31.59 -0.55 0.00	29.99 -0.49 0.00	31.63 -0.51 0.00	31.72 -0.55 0.00	31.88 -0.55 0.00	32.64 -0.56 0.00	36.08 -0.55 0.00	40.72 -0.75 0.00	48.20 -0.88 0.00	58.54 -0.95 0.00	54.06 -0.82 0.00	43.40 -0.71 0.00	38.01 -0.62 0.00	36.00 -0.55 0.00	32.63 -0.43 0.00

NM_FRONTIER___DRP 24179	32.42 -2.03 0.00	27.47 -1.91 0.00	26.72 -1.58 0.00	26.06 -1.20 0.00	27.40 -1.11 0.00	29.53 -1.23 0.00	34.35 -3.31 0.00	37.48 -3.71 0.00	34.19 -2.85 0.00	29.95 -2.18 0.00	29.04 -1.43 0.00	30.47 -1.67 0.00	30.40 -1.87 0.00	30.42 -2.01 0.00	30.82 -2.39 0.00	34.11 -2.53 0.00	37.40 -4.06 0.00	44.28 -4.81 0.00	53.90 -5.59 0.00	49.67 -5.21 0.00	39.87 -4.23 0.00	34.84 -3.79 0.00	33.81 -2.74 0.00	31.54 -1.52 0.00
NM_ST_REGIS___HYD 24053	34.86 0.41 0.00	29.79 0.41 0.00	28.67 0.37 0.00	27.55 0.30 0.00	28.85 0.34 0.00	31.22 0.46 0.00	38.54 0.87 0.00	42.13 0.95 0.00	37.86 0.82 0.00	32.84 0.71 0.00	31.02 0.55 0.00	32.91 0.77 0.00	33.04 0.77 0.00	33.21 0.78 0.00	33.90 0.70 0.00	37.44 0.81 0.00	42.58 1.12 0.00	50.71 1.62 0.00	61.76 2.26 0.00	57.25 2.36 0.00	45.78 1.68 0.00	39.90 1.27 0.00	37.68 1.13 0.00	33.99 0.93 0.00
NORTHPORT___1 23551	35.79 1.34 0.00	30.50 1.12 0.00	29.38 1.08 0.00	28.26 1.01 0.00	29.48 0.97 0.00	31.56 0.80 0.00	38.99 1.32 0.00	42.21 1.03 0.00	38.60 1.56 0.00	33.61 1.48 0.00	32.27 1.80 0.00	34.01 1.86 0.00	34.21 1.94 0.00	34.38 1.95 0.00	35.37 2.16 -0.01	38.06 1.43 0.00	42.79 1.33 0.00	50.46 1.37 0.00	60.51 1.01 0.00	55.76 0.88 0.00	44.67 0.57 0.01	39.32 0.70 0.01	37.24 0.69 0.00	34.02 0.96 0.00
NORTHPORT___2 23552	35.79 1.34 0.00	30.50 1.12 0.00	29.38 1.08 0.00	28.26 1.01 0.00	29.48 0.97 0.00	31.56 0.80 0.00	38.99 1.32 0.00	42.21 1.03 0.00	38.60 1.56 0.00	33.61 1.48 0.00	32.27 1.80 0.00	34.01 1.86 0.00	34.21 1.94 0.00	34.38 1.95 0.00	35.37 2.16 -0.01	38.06 1.43 0.00	42.79 1.33 0.00	50.46 1.37 0.00	60.51 1.01 0.00	55.76 0.88 0.00	44.67 0.57 0.01	39.32 0.70 0.01	37.24 0.69 0.00	34.02 0.96 0.00
NORTHPORT___3 23553	35.89 1.45 0.00	30.56 1.18 0.00	29.40 1.10 0.00	28.29 1.04 0.00	29.53 1.02 0.00	31.62 0.86 0.00	39.02 1.35 0.00	42.09 0.90 0.00	38.68 1.63 0.00	33.67 1.54 0.00	32.37 1.89 0.00	34.07 1.93 0.00	34.30 2.03 0.00	34.48 2.04 0.00	35.47 2.26 -0.01	37.99 1.36 0.00	42.62 1.16 0.00	50.16 1.08 0.00	60.33 0.83 0.00	55.65 0.77 0.00	44.58 0.49 0.01	39.24 0.62 0.01	37.28 0.73 0.00	34.15 1.09 0.00
NORTHPORT___4 23650	35.89 1.45 0.00	30.56 1.18 0.00	29.40 1.10 0.00	28.29 1.04 0.00	29.53 1.02 0.00	31.62 0.86 0.00	39.02 1.35 0.00	42.09 0.90 0.00	38.68 1.63 0.00	33.67 1.54 0.00	32.37 1.89 0.00	34.07 1.93 0.00	34.30 2.03 0.00	34.48 2.04 0.00	35.47 2.26 -0.01	37.99 1.36 0.00	42.62 1.16 0.00	50.16 1.08 0.00	60.33 0.83 0.00	55.65 0.77 0.00	44.58 0.49 0.01	39.24 0.62 0.01	37.28 0.73 0.00	34.15 1.09 0.00
NORTHPORT___IC 23718	35.79 1.34 0.00	30.50 1.12 0.00	29.38 1.08 0.00	28.26 1.01 0.00	29.48 0.97 0.00	31.56 0.80 0.00	39.14 1.47 0.00	42.21 1.03 0.00	38.60 1.56 0.00	33.61 1.48 0.00	32.33 1.86 0.00	34.01 1.86 0.00	34.21 1.94 0.00	34.44 2.01 0.00	35.37 2.16 -0.01	38.06 1.43 0.00	42.67 1.20 0.00	50.46 1.37 0.00	60.45 0.95 0.00	55.54 0.66 0.00	44.54 0.44 0.01	39.24 0.62 0.01	37.35 0.80 0.00	33.99 0.93 0.00
NORTH___COUNTRY_ESR 323785	34.17 -0.28 0.00	29.14 -0.24 0.00	28.04 -0.26 0.00	27.01 -0.25 0.00	28.25 -0.26 0.00	30.67 -0.09 0.00	37.86 0.19 0.00	41.51 0.33 0.00	37.49 0.45 0.00	32.68 0.55 0.00	30.96 0.49 0.00	32.79 0.64 0.00	32.88 0.61 0.00	33.02 0.58 0.00	33.74 0.53 0.00	37.18 0.55 0.00	42.17 0.70 0.00	50.02 0.93 0.00	60.75 1.25 0.00	56.09 1.21 0.00	44.90 0.79 0.00	39.17 0.54 0.00	36.99 0.44 0.00	33.39 0.33 0.00
NPX_GEN_1385_PROXY 323591	35.41 0.96 0.00	30.29 0.91 0.00	29.26 0.96 0.00	28.15 0.90 0.00	29.39 0.88 0.00	31.44 0.68 0.00	38.99 1.32 0.00	42.38 1.20 0.00	38.34 1.30 0.00	33.38 1.25 0.00	31.97 1.49 0.00	33.78 1.64 0.00	33.85 1.58 0.00	33.89 1.46 0.00	34.91 1.69 -0.01	37.80 1.17 0.00	42.07 1.20 0.59	51.15 1.47 -0.59	60.33 0.83 0.00	55.44 0.55 0.00	44.23 0.13 0.01	38.97 0.35 0.01	36.73 0.18 0.00	33.56 0.50 0.00
NPX_GEN_CSC 323557	35.72 1.28 0.00	30.41 1.03 0.00	29.29 0.99 0.00	28.18 0.93 0.00	29.42 0.91 0.00	31.47 0.71 0.00	38.91 1.24 0.00	42.17 0.99 0.00	38.57 1.52 0.00	33.51 1.38 0.00	32.27 1.80 0.00	33.94 1.80 0.00	34.17 1.90 0.00	34.34 1.91 0.00	35.37 2.16 -0.01	38.14 1.50 0.00	42.36 1.49 0.59	51.34 1.62 -0.64	60.80 1.31 0.00	56.09 1.21 0.00	44.85 0.75 0.01	39.43 0.81 0.01	37.21 0.66 0.00	33.92 0.86 0.00
NSINS_S_GLNS_FALLS 23858	35.65 1.21 0.00	30.44 1.06 0.00	29.29 0.99 0.00	28.15 0.90 0.00	29.45 0.94 0.00	31.77 1.02 0.00	39.03 1.36 0.00	42.75 1.56 0.00	38.12 1.07 0.00	32.90 0.77 0.00	30.90 0.43 0.00	32.50 0.35 0.00	32.66 0.39 0.00	32.82 0.39 0.00	33.84 0.63 0.00	37.29 0.66 0.00	42.62 1.16 0.00	50.61 1.52 0.00	61.64 2.14 0.00	56.59 1.70 0.00	45.52 1.41 0.00	39.83 1.20 0.00	37.65 1.10 0.00	34.09 1.02 0.00
NUCOR_STEEL___DRP 24197	34.41 -0.03 0.00	29.29 -0.09 0.00	28.24 -0.06 0.00	27.23 -0.03 0.00	28.51 0.00 0.00	30.82 0.06 0.00	37.44 -0.23 0.00	40.89 -0.29 0.00	36.83 -0.22 0.00	31.84 -0.29 0.00	30.26 -0.21 0.00	31.95 -0.19 0.00	32.01 -0.26 0.00	32.14 -0.29 0.00	32.87 -0.33 0.00	36.41 -0.22 0.00	41.09 -0.37 0.00	48.79 -0.29 0.00	59.32 -0.18 0.00	54.83 -0.05 0.00	43.97 -0.13 0.00	38.44 -0.19 0.00	36.40 -0.15 0.00	33.03 -0.03 0.00
NUMBER_THREE_WT_PWR 323818	34.59 0.14 0.00	29.56 0.18 0.00	28.47 0.17 0.00	27.31 0.05 0.00	28.65 0.14 0.00	30.88 0.12 0.00	37.93 0.27 0.00	41.47 0.29 0.00	37.08 0.04 0.00	31.84 -0.29 0.00	29.99 -0.49 0.00	31.82 -0.32 0.00	32.14 -0.13 0.00	32.53 0.10 0.00	33.34 0.13 0.00	36.96 0.33 0.00	41.84 0.37 0.00	49.78 0.69 0.00	60.68 1.19 0.00	56.37 1.48 0.00	45.30 1.19 0.00	39.63 1.00 0.00	37.61 1.06 0.00	33.69 0.63 0.00
NYISO_LBMP_REFERENCE 24008	34.45 0.00 0.00	29.38 0.00 0.00	28.30 0.00 0.00	27.25 0.00 0.00	28.51 0.00 0.00	30.76 0.00 0.00	37.67 0.00 0.00	41.18 0.00 0.00	37.05 0.00 0.00	32.13 0.00 0.00	30.48 0.00 0.00	32.14 0.00 0.00	32.27 0.00 0.00	32.43 0.00 0.00	33.21 0.00 0.00	36.63 0.00 0.00	41.46 0.00 0.00	49.09 0.00 0.00	59.49 0.00 0.00	54.89 0.00 0.00	44.10 0.00 0.00	38.63 0.00 0.00	36.55 0.00 0.00	33.06 0.00 0.00
NYPA_BRENTWD____GT 24164	36.14 1.69 0.00	30.76 1.38 0.00	29.63 1.33 0.00	28.48 1.23 0.00	29.76 1.25 0.00	31.81 1.05 0.00	39.32 1.66 0.00	42.58 1.40 0.00	38.90 1.85 0.00	33.83 1.70 0.00	32.55 2.07 0.00	34.26 2.12 0.00	34.46 2.20 0.00	34.64 2.21 0.00	35.67 2.46 -0.01	38.43 1.79 0.00	43.29 1.82 0.00	50.86 1.76 0.00	61.34 1.85 0.00	56.59 1.70 0.00	45.24 1.14 0.01	39.82 1.20 0.01	37.64 1.10 0.00	34.32 1.26 0.00

NYPA_GOWANUS____GT5 24156	36.52 2.07 -0.01	31.11 1.73 0.00	29.88 1.58 0.00	28.75 1.50 0.00	29.99 1.48 0.00	32.05 1.29 0.00	39.44 1.77 0.00	42.91 1.73 0.00	39.08 2.04 0.00	33.93 1.80 0.00	32.27 1.80 0.00	34.07 1.93 0.00	34.30 2.03 0.00	34.44 2.01 0.00	35.36 2.16 0.00	38.79 2.16 0.00	43.62 2.15 0.00	50.71 1.62 0.00	61.39 1.90 0.01	56.52 1.65 0.01	45.69 1.59 0.00	40.45 1.82 0.00	38.49 1.94 0.00	34.78 1.72 0.00
NYPA_GOWANUS____GT6 24157	36.52 2.07 -0.01	31.11 1.73 0.00	29.88 1.58 0.00	28.75 1.50 0.00	29.99 1.48 0.00	32.05 1.29 0.00	39.44 1.77 0.00	42.91 1.73 0.00	39.08 2.04 0.00	33.93 1.80 0.00	32.27 1.80 0.00	34.07 1.93 0.00	34.30 2.03 0.00	34.44 2.01 0.00	35.36 2.16 0.00	38.79 2.16 0.00	43.62 2.15 0.00	50.71 1.62 0.00	61.39 1.90 0.01	56.52 1.65 0.01	45.69 1.59 0.00	40.45 1.82 0.00	38.49 1.94 0.00	34.78 1.72 0.00
NYPA_HARLEM__RVR__GT1 24160	36.25 1.79 -0.01	30.88 1.50 0.00	29.66 1.36 0.00	28.54 1.28 0.00	29.76 1.25 0.00	31.86 1.11 0.01	39.24 1.58 0.01	42.86 1.69 0.01	38.96 1.93 0.01	33.83 1.70 0.01	32.23 1.77 0.01	34.03 1.90 0.01	34.23 1.97 0.01	34.37 1.95 0.01	35.26 2.06 0.01	38.67 2.05 0.01	43.57 2.11 0.01	50.55 1.47 0.01	61.15 1.66 0.01	56.25 1.37 0.01	45.60 1.50 0.01	40.32 1.70 0.01	38.26 1.72 0.01	34.51 1.45 0.01
NYPA_HARLEM__RVR__GT2 24161	36.25 1.79 -0.01	30.88 1.50 0.00	29.66 1.36 0.00	28.54 1.28 0.00	29.76 1.25 0.00	31.86 1.11 0.01	39.24 1.58 0.01	42.86 1.69 0.01	38.96 1.93 0.01	33.83 1.70 0.01	32.23 1.77 0.01	34.03 1.90 0.01	34.23 1.97 0.01	34.37 1.95 0.01	35.26 2.06 0.01	38.67 2.05 0.01	43.57 2.11 0.01	50.55 1.47 0.01	61.15 1.66 0.01	56.25 1.37 0.01	45.60 1.50 0.01	40.32 1.70 0.01	38.26 1.72 0.01	34.51 1.45 0.01
NYPA_KENT____GT 24152	36.45 2.00 -0.01	31.05 1.67 0.00	29.83 1.53 0.00	28.70 1.44 0.00	29.96 1.45 0.00	32.05 1.29 0.00	39.44 1.77 0.00	42.99 1.81 0.00	39.12 2.07 0.00	33.96 1.83 0.00	32.33 1.86 0.00	34.10 1.96 0.00	34.34 2.07 0.00	34.48 2.04 0.00	35.36 2.16 0.00	38.79 2.16 0.00	43.70 2.24 0.00	50.81 1.72 0.00	61.45 1.96 0.01	56.52 1.65 0.01	45.78 1.68 0.00	40.48 1.85 0.00	38.45 1.90 0.00	34.75 1.69 0.00
NYPA_POUCH1____GT 24155	36.49 2.03 -0.01	31.08 1.70 0.00	29.86 1.56 0.00	28.72 1.47 0.00	29.96 1.45 0.00	32.02 1.26 0.00	39.37 1.70 0.00	42.71 1.52 0.00	38.97 1.93 0.00	33.83 1.70 0.00	32.18 1.71 0.00	33.97 1.83 0.00	34.21 1.94 0.00	34.38 1.95 0.00	35.30 2.09 0.00	38.72 2.09 0.00	43.45 1.99 0.00	50.51 1.42 0.00	61.15 1.66 0.01	56.25 1.37 0.01	45.51 1.41 0.00	40.33 1.70 0.00	38.45 1.90 0.00	34.75 1.69 0.00
NYPA_VERNON____GT2 24162	36.39 1.93 -0.01	31.00 1.61 0.00	29.80 1.50 0.00	28.67 1.42 0.00	29.90 1.40 0.00	32.02 1.26 0.00	39.48 1.81 0.00	43.08 1.90 0.00	39.16 2.11 0.00	34.00 1.86 0.00	32.37 1.89 0.00	34.14 1.99 0.00	34.34 2.07 0.00	34.51 2.08 0.00	35.40 2.19 0.00	38.79 2.16 0.00	43.74 2.28 0.00	50.85 1.76 0.00	61.51 2.02 0.01	56.58 1.70 0.01	45.82 1.72 0.00	40.52 1.89 0.00	38.41 1.86 0.00	34.68 1.62 0.00
NYPA_VERNON____GT3 24163	36.39 1.93 -0.01	31.00 1.61 0.00	29.80 1.50 0.00	28.67 1.42 0.00	29.90 1.40 0.00	32.02 1.26 0.00	39.48 1.81 0.00	43.08 1.90 0.00	39.16 2.11 0.00	34.00 1.86 0.00	32.37 1.89 0.00	34.14 1.99 0.00	34.34 2.07 0.00	34.51 2.08 0.00	35.40 2.19 0.00	38.79 2.16 0.00	43.74 2.28 0.00	50.85 1.76 0.00	61.51 2.02 0.01	56.58 1.70 0.01	45.82 1.72 0.00	40.52 1.89 0.00	38.41 1.86 0.00	34.68 1.62 0.00
NYPA__ASTORIA_CC1 323568	36.35 1.89 -0.01	31.00 1.61 0.00	29.77 1.47 0.00	28.67 1.42 0.00	29.90 1.40 0.00	32.02 1.26 0.00	39.44 1.77 0.00	43.04 1.85 0.00	39.12 2.07 0.00	34.00 1.86 0.00	32.37 1.89 0.00	34.14 1.99 0.00	34.34 2.07 0.00	34.48 2.04 0.00	35.36 2.16 0.00	38.79 2.16 0.00	43.70 2.24 0.00	50.76 1.67 0.00	61.45 1.96 0.01	56.52 1.65 0.01	45.78 1.68 0.00	40.48 1.85 0.00	38.41 1.86 0.00	34.68 1.62 0.00
NYPA__ASTORIA_CC2 323569	36.35 1.89 -0.01	31.00 1.61 0.00	29.77 1.47 0.00	28.67 1.42 0.00	29.90 1.40 0.00	32.02 1.26 0.00	39.44 1.77 0.00	43.04 1.85 0.00	39.12 2.07 0.00	34.00 1.86 0.00	32.37 1.89 0.00	34.14 1.99 0.00	34.34 2.07 0.00	34.48 2.04 0.00	35.36 2.16 0.00	38.79 2.16 0.00	43.70 2.24 0.00	50.76 1.67 0.00	61.45 1.96 0.01	56.52 1.65 0.01	45.78 1.68 0.00	40.48 1.85 0.00	38.41 1.86 0.00	34.68 1.62 0.00
NYPA__HOLTSVILL 23794	35.93 1.48 0.00	30.59 1.21 0.00	29.46 1.16 0.00	28.35 1.09 0.00	29.59 1.08 0.00	31.65 0.89 0.00	39.10 1.43 0.00	42.42 1.23 0.00	38.75 1.71 0.00	33.71 1.57 0.00	32.43 1.95 0.00	34.14 1.99 0.00	34.34 2.07 0.00	34.54 2.11 0.00	35.57 2.36 -0.01	38.32 1.69 0.00	43.16 1.70 0.00	50.99 1.86 -0.04	61.04 1.54 0.00	56.31 1.42 0.00	45.07 0.97 0.01	39.67 1.04 0.01	37.46 0.91 0.00	34.15 1.09 0.00
NYPA____HELLGATE_GT1 24158	36.04 1.59 -0.01	30.88 1.50 0.00	29.66 1.36 0.00	28.54 1.28 0.00	29.76 1.25 0.00	31.86 1.11 0.01	39.24 1.58 0.01	42.86 1.69 0.01	38.96 1.93 0.01	33.83 1.70 0.01	32.23 1.77 0.01	34.03 1.90 0.01	34.23 1.97 0.01	34.37 1.95 0.01	35.26 2.06 0.01	38.67 2.05 0.01	43.57 2.11 0.01	50.65 1.57 0.01	61.27 1.78 0.01	56.36 1.48 0.01	45.64 1.54 0.01	40.32 1.70 0.01	38.26 1.72 0.01	34.51 1.45 0.01
NYPA____HELLGATE_GT2 24159	36.04 1.59 -0.01	30.88 1.50 0.00	29.66 1.36 0.00	28.54 1.28 0.00	29.76 1.25 0.00	31.86 1.11 0.01	39.24 1.58 0.01	42.86 1.69 0.01	38.96 1.93 0.01	33.83 1.70 0.01	32.23 1.77 0.01	34.03 1.90 0.01	34.23 1.97 0.01	34.37 1.95 0.01	35.26 2.06 0.01	38.67 2.05 0.01	43.57 2.11 0.01	50.65 1.57 0.01	61.27 1.78 0.01	56.36 1.48 0.01	45.64 1.54 0.01	40.32 1.70 0.01	38.26 1.72 0.01	34.51 1.45 0.01
NYS_BARGE__HYD 23848	33.17 -1.27 0.00	28.23 -1.15 0.00	27.48 -0.82 0.00	26.76 -0.49 0.00	28.17 -0.34 0.00	30.30 -0.46 0.00	35.33 -2.34 0.00	38.22 -2.97 0.00	34.83 -2.22 0.00	30.46 -1.67 0.00	29.53 -0.94 0.00	30.99 -1.16 0.00	30.88 -1.39 0.00	31.01 -1.43 0.00	31.35 -1.86 0.00	34.77 -1.87 0.00	38.19 -3.28 0.00	45.80 -3.29 0.00	55.51 -3.99 0.00	51.10 -3.79 0.00	40.75 -3.35 0.00	35.85 -2.78 0.00	34.87 -1.68 0.00	32.43 -0.63 0.00
OAK ORCHARD__HYD 24046	33.90 -0.55 0.00	28.82 -0.56 0.00	27.90 -0.40 0.00	26.98 -0.27 0.00	28.31 -0.20 0.00	30.58 -0.18 0.00	36.65 -1.02 0.00	39.99 -1.20 0.00	36.20 -0.85 0.00	31.52 -0.61 0.00	30.14 -0.33 0.00	31.69 -0.45 0.00	31.72 -0.55 0.00	31.91 -0.52 0.00	32.51 -0.70 0.00	36.01 -0.62 0.00	40.18 -1.29 0.00	47.91 -1.18 0.00	58.24 -1.25 0.00	53.68 -1.21 0.00	42.92 -1.19 0.00	37.59 -1.04 0.00	35.96 -0.59 0.00	32.76 -0.30 0.00

OAKDALE___35_KV_LOAD 356122	34.35 -0.10 0.00	29.26 -0.12 0.00	28.24 -0.06 0.00	27.28 0.03 0.00	28.56 0.06 0.00	30.76 0.00 0.00	37.33 -0.34 0.00	40.85 -0.33 0.00	36.83 -0.22 0.00	31.91 -0.22 0.00	30.41 -0.06 0.00	32.05 -0.10 0.00	32.11 -0.16 0.00	32.24 -0.19 0.00	32.91 -0.30 0.00	36.38 -0.26 0.00	41.01 -0.46 0.00	48.65 -0.44 0.00	59.02 -0.48 0.00	54.50 -0.38 0.00	43.75 -0.35 0.00	38.28 -0.35 0.00	36.33 -0.22 0.00	33.06 0.00 0.00
OCC_CHEM___DRP 24175	32.48 -1.96 0.00	27.53 -1.85 0.00	26.80 -1.50 0.00	26.11 -1.14 0.00	27.45 -1.05 0.00	29.59 -1.17 0.00	34.47 -3.20 0.00	37.56 -3.62 0.00	34.31 -2.74 0.00	30.01 -2.12 0.00	29.13 -1.34 0.00	30.57 -1.58 0.00	30.46 -1.81 0.00	30.49 -1.95 0.00	30.92 -2.29 0.00	34.21 -2.42 0.00	37.48 -3.98 0.00	44.38 -4.71 0.00	54.08 -5.41 0.00	49.78 -5.10 0.00	39.96 -4.15 0.00	34.92 -3.71 0.00	33.88 -2.67 0.00	31.61 -1.45 0.00
OH_GEN_PROXY 24063	32.93 -1.51 0.00	27.94 -1.44 0.00	27.17 -1.13 0.00	26.46 -0.79 0.00	27.82 -0.68 0.00	29.96 -0.80 0.00	35.22 -2.45 0.00	38.14 -3.05 0.00	34.79 -2.26 0.00	30.40 -1.74 0.00	29.47 -1.00 0.00	30.92 -1.22 0.00	30.82 -1.45 0.00	30.94 -1.49 0.00	31.28 -1.93 0.00	34.62 -2.01 0.00	37.51 -3.36 0.59	46.24 -3.44 -0.59	55.21 -4.28 0.00	50.83 -4.06 0.00	40.57 -3.53 0.00	35.73 -2.90 0.00	34.72 -1.83 0.00	32.04 -1.03 0.00
OLIN_CORP_DRP 24177	32.97 -1.48 0.00	28.09 -1.29 0.00	27.31 -0.99 0.00	26.63 -0.63 0.00	27.99 -0.51 0.00	30.08 -0.68 0.00	34.58 -3.09 0.00	37.72 -3.46 0.00	34.42 -2.63 0.00	30.14 -1.99 0.00	29.20 -1.28 0.00	30.66 -1.48 0.00	30.56 -1.71 0.00	30.58 -1.85 0.00	31.01 -2.19 0.00	34.32 -2.31 0.00	37.65 -3.81 0.00	44.62 -4.47 0.00	54.38 -5.12 0.00	50.11 -4.78 0.00	40.18 -3.93 0.00	35.08 -3.55 0.00	34.03 -2.52 0.00	32.17 -0.89 0.00
OLIN_CORP_DSASP 323712	32.49 -1.96 0.00	27.53 -1.85 0.00	26.80 -1.50 0.00	26.11 -1.14 0.00	27.48 -1.03 0.00	29.59 -1.17 0.00	34.73 -2.94 0.00	37.56 -3.62 0.00	34.31 -2.74 0.00	30.01 -2.12 0.00	29.14 -1.34 0.00	30.57 -1.57 0.00	30.46 -1.81 0.00	30.58 -1.85 0.00	30.92 -2.29 0.00	34.21 -2.42 0.00	37.52 -3.94 0.00	44.92 -4.17 0.00	54.32 -5.18 0.00	50.00 -4.89 0.00	39.91 -4.19 0.00	35.19 -3.44 0.00	34.28 -2.27 0.00	31.64 -1.42 0.00
ONEIDA_HERK_LFGE 323681	34.86 0.41 0.00	29.76 0.38 0.00	28.70 0.40 0.00	27.55 0.30 0.00	28.88 0.37 0.00	31.13 0.37 0.00	38.20 0.53 0.00	41.76 0.58 0.00	37.42 0.37 0.00	32.23 0.10 0.00	30.41 -0.06 0.00	32.14 0.00 0.00	32.33 0.06 0.00	32.59 0.16 0.00	33.44 0.23 0.00	37.04 0.40 0.00	42.00 0.54 0.00	49.83 0.74 0.00	60.62 1.13 0.00	56.15 1.26 0.00	45.12 1.02 0.00	39.48 0.85 0.00	37.39 0.84 0.00	33.62 0.56 0.00
ONEIDA___115KV_TB4 55905	35.03 0.59 0.00	29.91 0.53 0.00	28.81 0.51 0.00	27.72 0.46 0.00	29.05 0.54 0.00	31.31 0.55 0.00	38.31 0.64 0.00	41.88 0.70 0.00	37.57 0.52 0.00	32.36 0.22 0.00	30.60 0.12 0.00	32.27 0.13 0.00	32.40 0.13 0.00	32.59 0.16 0.00	33.41 0.20 0.00	37.00 0.37 0.00	42.00 0.54 0.00	49.78 0.69 0.00	60.57 1.07 0.00	56.04 1.15 0.00	44.99 0.88 0.00	39.36 0.73 0.00	37.21 0.66 0.00	33.62 0.56 0.00
ONONDAGA_REF_OCCRA 23987	34.21 -0.24 0.00	29.15 -0.24 0.00	28.07 -0.23 0.00	27.06 -0.19 0.00	28.34 -0.17 0.00	30.58 -0.18 0.00	37.22 -0.45 0.00	40.65 -0.54 0.00	36.60 -0.44 0.00	31.68 -0.45 0.00	30.08 -0.40 0.00	31.73 -0.42 0.00	31.82 -0.45 0.00	31.98 -0.45 0.00	32.71 -0.50 0.00	36.19 -0.44 0.00	40.88 -0.58 0.00	48.45 -0.64 0.00	58.84 -0.65 0.00	54.34 -0.55 0.00	43.62 -0.49 0.00	38.17 -0.46 0.00	36.15 -0.40 0.00	32.76 -0.30 0.00
ONONDAGA___COGEN 23986	34.24 -0.21 0.00	29.17 -0.21 0.00	28.13 -0.17 0.00	27.09 -0.16 0.00	28.37 -0.14 0.00	30.64 -0.12 0.00	37.25 -0.41 0.00	40.69 -0.49 0.00	36.64 -0.41 0.00	31.71 -0.42 0.00	30.14 -0.34 0.00	31.79 -0.35 0.00	31.88 -0.39 0.00	32.01 -0.42 0.00	32.77 -0.43 0.00	36.27 -0.37 0.00	40.92 -0.54 0.00	48.50 -0.59 0.00	58.90 -0.59 0.00	54.45 -0.44 0.00	43.71 -0.40 0.00	38.21 -0.42 0.00	36.18 -0.37 0.00	32.80 -0.26 0.00
ONTARIO___LFGE 23819	34.17 -0.28 0.00	29.09 -0.29 0.00	28.13 -0.17 0.00	27.17 -0.08 0.00	28.51 0.00 0.00	30.79 0.03 0.00	37.22 -0.45 0.00	40.52 -0.66 0.00	36.68 -0.37 0.00	31.71 -0.42 0.00	30.26 -0.21 0.00	31.85 -0.29 0.00	31.88 -0.39 0.00	32.04 -0.39 0.00	32.71 -0.50 0.00	36.30 -0.33 0.00	40.72 -0.75 0.00	48.65 -0.44 0.00	59.26 -0.24 0.00	54.72 -0.16 0.00	43.71 -0.40 0.00	38.32 -0.31 0.00	36.44 -0.11 0.00	33.13 0.07 0.00
ORANGEVILLE_WT_PWR 323706	32.69 -1.76 0.00	27.82 -1.56 0.00	27.17 -1.13 0.00	26.44 -0.82 0.00	27.82 -0.68 0.00	30.02 -0.74 0.00	35.60 -2.07 0.00	38.71 -2.47 0.00	34.90 -2.15 0.00	30.40 -1.74 0.00	29.29 -1.19 0.00	30.73 -1.41 0.00	30.85 -1.42 0.00	31.04 -1.39 0.00	31.48 -1.73 0.00	34.98 -1.65 0.00	38.81 -2.65 0.00	46.73 -2.36 0.00	56.82 -2.68 0.00	52.25 -2.63 0.00	41.64 -2.47 0.00	36.47 -2.16 0.00	35.20 -1.35 0.00	32.36 -0.70 0.00
ORANGEVILLE___ESR 323794	32.69 -1.76 0.00	27.82 -1.56 0.00	27.17 -1.13 0.00	26.44 -0.82 0.00	27.82 -0.68 0.00	30.02 -0.74 0.00	35.60 -2.07 0.00	38.71 -2.47 0.00	34.90 -2.15 0.00	30.40 -1.74 0.00	29.29 -1.19 0.00	30.73 -1.41 0.00	30.85 -1.42 0.00	31.04 -1.39 0.00	31.48 -1.73 0.00	34.98 -1.65 0.00	38.81 -2.65 0.00	46.73 -2.36 0.00	56.82 -2.68 0.00	52.25 -2.63 0.00	41.64 -2.47 0.00	36.47 -2.16 0.00	35.20 -1.35 0.00	32.36 -0.70 0.00
OSWEGATCHIE___HYD 24044	34.79 0.34 0.00	29.73 0.35 0.00	28.64 0.34 0.00	27.47 0.22 0.00	28.79 0.29 0.00	31.10 0.34 0.00	38.27 0.60 0.00	41.80 0.62 0.00	37.46 0.41 0.00	32.29 0.16 0.00	30.44 -0.03 0.00	32.27 0.13 0.00	32.46 0.19 0.00	32.72 0.29 0.00	33.50 0.30 0.00	37.04 0.40 0.00	42.09 0.62 0.00	50.07 0.98 0.00	61.10 1.61 0.00	56.69 1.81 0.00	45.47 1.37 0.00	39.79 1.16 0.00	37.61 1.06 0.00	33.82 0.76 0.00
OSWEGO___5 23606	33.76 -0.69 0.00	28.76 -0.62 0.00	27.73 -0.57 0.00	26.74 -0.52 0.00	28.00 -0.51 0.00	30.21 -0.55 0.00	36.76 -0.90 0.00	40.11 -1.07 0.00	36.12 -0.92 0.00	31.30 -0.84 0.00	29.71 -0.76 0.00	31.34 -0.80 0.00	31.43 -0.84 0.00	31.59 -0.84 0.00	32.34 -0.86 0.00	35.72 -0.91 0.00	40.35 -1.12 0.00	47.81 -1.28 0.00	58.01 -1.49 0.00	53.57 -1.32 0.00	43.00 -1.10 0.00	37.67 -0.96 0.00	35.67 -0.88 0.00	32.30 -0.76 0.00
OSWEGO___6 23613	33.76 -0.69 0.00	28.76 -0.62 0.00	27.73 -0.57 0.00	26.74 -0.52 0.00	28.00 -0.51 0.00	30.21 -0.55 0.00	36.76 -0.90 0.00	40.11 -1.07 0.00	36.12 -0.92 0.00	31.30 -0.84 0.00	29.71 -0.76 0.00	31.34 -0.80 0.00	31.43 -0.84 0.00	31.59 -0.84 0.00	32.34 -0.86 0.00	35.72 -0.91 0.00	40.35 -1.12 0.00	47.81 -1.28 0.00	58.01 -1.49 0.00	53.57 -1.32 0.00	43.00 -1.10 0.00	37.67 -0.96 0.00	35.67 -0.88 0.00	32.30 -0.76 0.00

OUTOKUMPU-AB___DRP 24206	33.04 -1.41 0.00	28.06 -1.32 0.00	27.31 -0.99 0.00	26.63 -0.63 0.00	27.99 -0.51 0.00	30.18 -0.58 0.00	35.15 -2.52 0.00	38.38 -2.80 0.00	34.97 -2.07 0.00	30.62 -1.51 0.00	29.68 -0.79 0.00	31.18 -0.96 0.00	31.08 -1.19 0.00	31.10 -1.33 0.00	31.51 -1.69 0.00	34.95 -1.69 0.00	38.35 -3.11 0.00	45.50 -3.58 0.00	55.51 -3.99 0.00	51.15 -3.73 0.00	40.93 -3.18 0.00	35.69 -2.94 0.00	34.58 -1.97 0.00	32.33 -0.73 0.00
OXBOW___BTM 323836	32.80 -1.65 0.00	27.82 -1.56 0.00	27.08 -1.22 0.00	26.41 -0.85 0.00	27.77 -0.74 0.00	29.93 -0.83 0.00	35.15 -2.52 0.00	38.05 -3.13 0.00	34.68 -2.37 0.00	30.36 -1.77 0.00	29.47 -1.00 0.00	30.92 -1.22 0.00	30.82 -1.45 0.00	30.94 -1.49 0.00	31.25 -1.96 0.00	34.62 -2.01 0.00	38.02 -3.44 0.00	45.55 -3.53 0.00	55.15 -4.34 0.00	50.71 -4.17 0.00	40.49 -3.62 0.00	35.62 -3.01 0.00	34.69 -1.86 0.00	32.04 -1.03 0.00
OXBOW___ 24026	32.79 -1.65 0.00	27.82 -1.56 0.00	27.08 -1.22 0.00	26.41 -0.84 0.00	27.77 -0.74 0.00	29.93 -0.83 0.00	34.84 -2.83 0.00	38.05 -3.13 0.00	34.68 -2.37 0.00	30.36 -1.77 0.00	29.44 -1.04 0.00	30.92 -1.22 0.00	30.82 -1.45 0.00	30.84 -1.59 0.00	31.25 -1.96 0.00	34.62 -2.01 0.00	37.98 -3.48 0.00	45.01 -4.07 0.00	54.85 -4.64 0.00	50.55 -4.34 0.00	40.49 -3.62 0.00	35.35 -3.28 0.00	34.28 -2.27 0.00	32.00 -1.06 0.00
OXY_CHEM_DSASP 323612	32.48 -1.96 0.00	27.53 -1.85 0.00	26.80 -1.50 0.00	26.11 -1.14 0.00	27.45 -1.05 0.00	29.59 -1.17 0.00	34.47 -3.20 0.00	37.56 -3.62 0.00	34.31 -2.74 0.00	30.01 -2.12 0.00	29.13 -1.34 0.00	30.57 -1.58 0.00	30.46 -1.81 0.00	30.49 -1.95 0.00	30.92 -2.29 0.00	34.21 -2.42 0.00	37.48 -3.98 0.00	44.38 -4.71 0.00	54.08 -5.41 0.00	49.78 -5.10 0.00	39.96 -4.15 0.00	34.92 -3.71 0.00	33.88 -2.67 0.00	31.61 -1.45 0.00
OZONE_PARK_ESR 323760	36.41 1.96 0.00	31.06 1.67 0.00	29.83 1.53 0.00	28.73 1.47 0.00	29.96 1.45 0.00	32.14 1.38 0.00	39.70 2.03 0.00	43.45 2.27 0.00	39.34 2.30 0.00	34.16 2.02 0.00	32.52 2.04 0.00	34.30 2.15 0.00	34.50 2.23 0.00	34.67 2.24 0.00	35.53 2.32 0.00	38.98 2.34 0.00	43.91 2.45 0.00	51.44 2.36 0.00	62.17 2.68 0.00	57.25 2.36 0.00	46.09 1.98 0.00	40.68 2.05 0.00	38.56 2.01 0.00	34.75 1.69 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	32.48 -1.96 0.00	27.53 -1.85 0.00	26.80 -1.50 0.00	26.11 -1.14 0.00	27.45 -1.05 0.00	29.59 -1.17 0.00	34.47 -3.20 0.00	37.56 -3.62 0.00	34.31 -2.74 0.00	30.01 -2.12 0.00	29.13 -1.34 0.00	30.57 -1.58 0.00	30.46 -1.81 0.00	30.49 -1.95 0.00	30.92 -2.29 0.00	34.21 -2.42 0.00	37.48 -3.98 0.00	44.38 -4.71 0.00	54.08 -5.41 0.00	49.78 -5.10 0.00	39.96 -4.15 0.00	34.92 -3.71 0.00	33.88 -2.67 0.00	31.61 -1.45 0.00
PACKARD___115KV_DUPONT_184 80571	32.48 -1.96 0.00	27.53 -1.85 0.00	26.80 -1.50 0.00	26.11 -1.14 0.00	27.45 -1.05 0.00	29.59 -1.17 0.00	34.47 -3.20 0.00	37.56 -3.62 0.00	34.31 -2.74 0.00	30.01 -2.12 0.00	29.13 -1.34 0.00	30.57 -1.58 0.00	30.46 -1.81 0.00	30.49 -1.95 0.00	30.92 -2.29 0.00	34.21 -2.42 0.00	37.48 -3.98 0.00	44.38 -4.71 0.00	54.08 -5.41 0.00	49.78 -5.10 0.00	39.96 -4.15 0.00	34.92 -3.71 0.00	33.88 -2.67 0.00	31.61 -1.45 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	36.28 1.83 -0.01	30.91 1.53 0.00	29.69 1.39 0.00	28.56 1.31 0.00	29.79 1.28 0.00	31.90 1.14 0.00	39.40 1.73 0.00	42.87 1.69 0.00	38.97 1.93 0.00	33.84 1.70 0.00	32.24 1.77 0.00	34.01 1.86 0.00	34.21 1.94 0.00	34.38 1.95 0.00	35.23 2.03 0.00	38.65 2.01 0.00	43.41 1.95 0.00	50.56 1.47 0.00	61.09 1.61 0.01	56.20 1.32 0.01	45.47 1.37 0.00	40.25 1.62 0.00	38.27 1.72 0.00	34.52 1.45 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	36.59 2.14 -0.01	31.20 1.82 0.00	29.97 1.67 0.00	28.83 1.58 0.00	30.08 1.57 0.00	32.21 1.45 0.00	39.78 2.11 0.00	43.28 2.10 0.00	39.34 2.30 0.00	34.16 2.02 0.00	32.52 2.04 0.00	34.30 2.15 0.00	34.50 2.23 0.00	34.67 2.24 0.00	35.53 2.32 0.00	38.98 2.34 0.00	43.79 2.32 0.00	51.00 1.91 0.00	61.63 2.14 0.01	56.69 1.81 0.01	45.87 1.76 0.00	40.56 1.93 0.00	38.60 2.05 0.00	34.81 1.75 0.00
PATROON___115KV_TB1 80586	35.00 0.55 0.00	29.91 0.53 0.00	28.78 0.48 0.00	27.66 0.41 0.00	28.91 0.40 0.00	31.16 0.40 0.00	38.38 0.72 0.00	42.05 0.86 0.00	37.71 0.67 0.00	32.65 0.51 0.00	30.87 0.40 0.00	32.46 0.32 0.00	32.62 0.35 0.00	32.79 0.36 0.00	33.70 0.50 0.00	37.11 0.48 0.00	42.17 0.70 0.00	49.78 0.69 0.00	60.27 0.77 0.00	55.49 0.60 0.00	44.63 0.53 0.00	39.17 0.54 0.00	36.99 0.44 0.00	33.39 0.33 0.00
PATTRSNVILLE___SOLAR 323815	35.58 1.14 0.00	30.35 0.97 0.00	29.21 0.91 0.00	28.10 0.85 0.00	29.39 0.88 0.00	31.71 0.95 0.00	38.95 1.28 0.00	42.54 1.36 0.00	37.79 0.74 0.00	32.49 0.35 0.00	30.60 0.12 0.00	32.24 0.10 0.00	32.40 0.13 0.00	32.59 0.16 0.00	33.54 0.33 0.00	37.07 0.44 0.00	42.29 0.83 0.00	50.36 1.27 0.00	61.46 1.96 0.00	56.59 1.70 0.00	45.51 1.41 0.00	39.87 1.24 0.00	37.68 1.13 0.00	34.09 1.03 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	32.86 -1.58 0.00	27.97 -1.41 0.00	27.17 -1.13 0.00	26.46 -0.79 0.00	27.85 -0.66 0.00	29.99 -0.77 0.00	35.22 -2.45 0.00	38.55 -2.64 0.00	35.01 -2.04 0.00	30.59 -1.54 0.00	29.62 -0.85 0.00	31.18 -0.96 0.00	31.04 -1.23 0.00	31.07 -1.36 0.00	31.48 -1.73 0.00	34.91 -1.72 0.00	38.52 -2.94 0.00	45.85 -3.24 0.00	55.93 -3.57 0.00	51.54 -3.35 0.00	41.19 -2.91 0.00	35.93 -2.70 0.00	34.65 -1.90 0.00	32.23 -0.83 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	36.21 1.76 0.00	30.85 1.47 0.00	29.63 1.33 0.00	28.59 1.34 0.00	29.82 1.31 0.00	32.02 1.26 0.00	39.59 1.92 0.00	43.32 2.14 0.00	39.01 1.96 0.00	33.87 1.74 0.00	32.15 1.68 0.00	33.88 1.74 0.00	34.11 1.84 0.00	34.28 1.85 0.00	35.17 1.96 0.00	38.65 2.01 0.00	43.70 2.24 0.00	51.35 2.26 0.00	62.17 2.68 0.00	57.25 2.36 0.00	45.96 1.85 0.00	40.41 1.78 0.00	38.30 1.75 0.00	34.52 1.45 0.00
PEEKSKILL___ 23653	35.96 1.51 0.00	30.67 1.29 0.00	29.46 1.16 0.00	28.40 1.14 0.00	29.62 1.11 0.00	31.77 1.01 0.00	39.18 1.51 0.00	42.95 1.77 0.00	38.75 1.71 0.00	33.67 1.54 0.00	32.03 1.55 0.00	33.75 1.61 0.00	33.91 1.64 0.00	34.08 1.65 0.00	34.93 1.73 0.00	38.35 1.72 0.00	43.41 1.95 0.00	50.91 1.82 0.00	61.70 2.20 0.00	56.75 1.87 0.00	45.69 1.59 0.00	40.21 1.58 0.00	38.05 1.50 0.00	34.35 1.29 0.00
PGE MADISON___WINDPWR 24146	35.79 1.34 0.00	30.58 1.20 0.00	29.52 1.22 0.00	28.32 1.06 0.00	29.82 1.31 0.00	32.17 1.41 0.00	39.29 1.62 0.00	43.04 1.85 0.00	38.53 1.48 0.00	32.87 0.74 0.00	30.99 0.52 0.00	32.72 0.58 0.00	32.85 0.58 0.00	33.02 0.58 0.00	33.87 0.66 0.00	37.84 1.21 0.00	43.21 1.74 0.00	51.54 2.45 0.00	63.01 3.51 0.00	58.62 3.73 0.00	47.01 2.91 0.00	40.87 2.24 0.00	38.49 1.94 0.00	34.88 1.82 0.00

PIERCEFIELD___HYD 23852	34.93 0.48 0.00	29.85 0.47 0.00	28.72 0.42 0.00	27.61 0.35 0.00	28.91 0.40 0.00	31.25 0.49 0.00	38.54 0.87 0.00	42.09 0.91 0.00	37.79 0.74 0.00	32.74 0.61 0.00	30.93 0.46 0.00	32.79 0.64 0.00	32.91 0.65 0.00	33.11 0.68 0.00	33.84 0.63 0.00	37.33 0.70 0.00	42.46 1.00 0.00	50.56 1.47 0.00	61.64 2.14 0.00	57.14 2.25 0.00	45.74 1.63 0.00	39.90 1.27 0.00	37.68 1.13 0.00	33.99 0.93 0.00
PINELAWN_CC_1 323563	36.03 1.59 0.00	30.67 1.29 0.00	29.52 1.22 0.00	28.40 1.14 0.00	29.65 1.14 0.00	31.71 0.95 0.00	39.18 1.51 0.00	42.46 1.28 0.00	38.79 1.74 0.00	33.77 1.64 0.00	32.46 1.98 0.00	34.17 2.03 0.00	34.40 2.13 0.00	34.57 2.14 0.00	35.57 2.36 -0.01	38.35 1.72 0.00	43.25 1.78 0.00	50.91 1.82 0.00	61.28 1.78 0.00	56.48 1.59 0.00	45.24 1.14 0.01	39.82 1.20 0.01	37.61 1.06 0.00	34.28 1.22 0.00
PJM_GEN_HTTP_PROXY 323702	36.17 1.72 0.00	30.85 1.47 0.00	29.63 1.33 0.00	28.54 1.28 0.00	29.76 1.25 0.00	31.93 1.17 0.00	39.37 1.70 0.00	43.12 1.94 0.00	39.01 1.96 0.00	33.90 1.77 0.00	32.27 1.80 0.00	34.01 1.86 0.00	34.21 1.94 0.00	34.34 1.91 0.00	35.23 2.03 0.00	38.65 2.01 0.00	43.07 2.20 0.59	51.65 1.97 -0.59	61.81 2.32 0.00	56.86 1.97 0.00	45.87 1.77 0.00	40.41 1.78 0.00	38.23 1.68 0.00	34.51 1.45 0.00
PJM_GEN_KEystone 24065	34.45 0.00 0.00	29.35 -0.03 0.00	28.30 0.00 0.00	27.39 0.14 0.00	28.68 0.17 0.00	30.76 0.00 0.00	37.33 -0.34 0.00	40.81 -0.37 0.00	36.90 -0.15 0.00	32.10 -0.03 0.00	30.78 0.30 0.00	32.37 0.23 0.00	32.40 0.13 0.00	32.53 0.10 0.00	33.14 -0.07 0.00	34.98 -0.11 1.54	40.45 -0.41 0.59	49.19 -0.49 -0.59	58.90 -0.59 0.00	54.23 -0.66 0.00	43.49 -0.62 0.00	38.24 -0.39 0.00	36.48 -0.07 0.00	33.16 0.10 0.00
PJM_GEN_NEPTUNE_PROXY 323594	35.79 1.34 0.00	30.47 1.09 0.00	29.32 1.02 0.00	28.21 0.95 0.00	29.45 0.94 0.00	31.53 0.77 0.00	38.91 1.24 0.00	42.21 1.03 0.00	38.57 1.52 0.00	33.58 1.45 0.00	32.24 1.77 0.00	33.94 1.80 0.00	34.14 1.87 0.00	34.31 1.88 0.00	35.31 2.09 -0.01	38.10 1.47 0.00	42.32 1.45 0.59	51.11 1.42 -0.59	60.80 1.31 0.00	56.04 1.15 0.00	44.93 0.84 0.01	39.55 0.93 0.01	37.39 0.84 0.00	34.05 0.99 0.00
PJM_GEN_VFT_PROXY 323633	35.96 1.51 0.00	30.70 1.32 0.00	29.49 1.19 0.00	28.40 1.14 0.00	29.62 1.11 0.00	31.77 1.01 0.00	39.18 1.51 0.00	42.91 1.73 0.00	38.86 1.81 0.00	33.74 1.61 0.00	32.15 1.68 0.00	33.88 1.73 0.00	34.08 1.81 0.00	34.21 1.78 0.00	35.10 1.89 0.00	38.50 1.87 0.00	42.85 1.99 0.60	51.35 1.67 -0.59	61.46 1.96 0.00	56.48 1.59 0.00	45.60 1.50 0.00	40.25 1.62 0.00	38.05 1.50 0.00	34.35 1.29 0.00
PLATSBURG_115KV_PMLD1 355749	34.35 -0.10 0.00	29.29 -0.09 0.00	28.19 -0.11 0.00	27.12 -0.14 0.00	28.42 -0.09 0.00	30.91 0.15 0.00	38.27 0.60 0.00	42.05 0.86 0.00	38.08 1.04 0.00	33.26 1.12 0.00	31.51 1.04 0.00	33.40 1.25 0.00	33.46 1.19 0.00	33.60 1.17 0.00	34.27 1.06 0.00	37.77 1.14 0.00	42.83 1.37 0.00	50.86 1.77 0.00	61.76 2.26 0.00	57.03 2.14 0.00	45.56 1.46 0.00	39.71 1.08 0.00	37.46 0.91 0.00	33.82 0.76 0.00
PLEASANTVLY___LBMP 24000	35.79 1.34 0.00	30.53 1.15 0.00	29.35 1.05 0.00	28.26 1.01 0.00	29.48 0.97 0.00	31.68 0.92 0.00	39.14 1.47 0.00	42.83 1.65 0.00	38.60 1.56 0.00	33.51 1.38 0.00	31.82 1.34 0.00	33.53 1.38 0.00	33.72 1.45 0.00	33.89 1.46 0.00	34.73 1.53 0.00	38.13 1.50 0.00	43.12 1.66 0.00	50.76 1.67 0.00	61.34 1.84 0.00	56.48 1.59 0.00	45.47 1.37 0.00	40.02 1.39 0.00	37.90 1.35 0.00	34.15 1.09 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	36.03 1.58 0.00	30.73 1.35 0.00	29.55 1.25 0.00	28.45 1.20 0.00	29.68 1.17 0.00	31.87 1.11 0.00	39.36 1.70 0.00	43.12 1.94 0.00	38.94 1.89 0.00	33.80 1.67 0.00	32.15 1.68 0.00	33.85 1.70 0.00	34.08 1.81 0.00	34.25 1.82 0.00	35.10 1.89 0.00	38.50 1.87 0.00	43.50 2.03 0.00	51.10 2.01 0.00	61.76 2.26 0.00	56.86 1.98 0.00	45.74 1.63 0.00	40.33 1.70 0.00	38.19 1.64 0.00	34.42 1.36 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	36.03 1.58 0.00	30.73 1.35 0.00	29.55 1.25 0.00	28.45 1.20 0.00	29.68 1.17 0.00	31.87 1.11 0.00	39.36 1.70 0.00	43.12 1.94 0.00	38.94 1.89 0.00	33.80 1.67 0.00	32.15 1.68 0.00	33.85 1.70 0.00	34.08 1.81 0.00	34.25 1.82 0.00	35.10 1.89 0.00	38.50 1.87 0.00	43.50 2.03 0.00	51.10 2.01 0.00	61.76 2.26 0.00	56.86 1.98 0.00	45.74 1.63 0.00	40.33 1.70 0.00	38.19 1.64 0.00	34.42 1.36 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	35.96 1.52 0.00	30.64 1.26 0.00	29.49 1.19 0.00	28.40 1.14 0.00	29.62 1.11 0.00	31.84 1.08 0.00	39.33 1.66 0.00	42.99 1.81 0.00	38.71 1.67 0.00	33.61 1.48 0.00	31.88 1.40 0.00	33.56 1.41 0.00	33.79 1.52 0.00	33.99 1.56 0.00	34.83 1.63 0.00	38.28 1.65 0.00	43.33 1.87 0.00	51.05 1.96 0.00	61.76 2.26 0.00	56.92 2.03 0.00	45.69 1.59 0.00	40.21 1.58 0.00	38.05 1.50 0.00	34.28 1.22 0.00
POLETTI_____ 23519	27.09 1.24 8.60	24.91 1.20 5.68	24.91 1.08 4.47	24.91 0.98 3.32	24.91 0.94 4.54	24.92 0.77 6.61	27.21 1.32 11.78	27.61 1.24 14.81	25.41 1.56 13.20	24.92 1.38 8.59	26.68 1.49 5.29	26.65 1.58 7.07	26.65 1.65 7.27	26.68 1.65 7.40	26.65 1.76 8.32	26.65 1.69 11.67	26.48 1.58 16.56	32.56 1.03 17.56	44.23 1.07 16.34	39.23 0.82 16.47	28.39 0.97 16.68	30.41 1.27 9.49	26.69 1.35 11.22	26.61 1.09 7.54
POMONA___ESR 323819	36.00 1.55 0.00	30.70 1.32 0.00	29.49 1.19 0.00	28.43 1.17 0.00	29.65 1.14 0.00	31.81 1.05 0.00	39.21 1.55 0.00	42.95 1.77 0.00	38.75 1.71 0.00	33.64 1.51 0.00	32.03 1.55 0.00	33.72 1.57 0.00	33.91 1.64 0.00	34.08 1.65 0.00	34.93 1.73 0.00	38.32 1.69 0.00	43.41 1.95 0.00	50.95 1.86 0.00	61.76 2.26 0.00	56.81 1.92 0.00	45.74 1.63 0.00	40.25 1.62 0.00	38.05 1.50 0.00	34.35 1.29 0.00
PORT_JEFF_3 23555	36.00 1.55 0.00	30.64 1.26 0.00	29.52 1.22 0.00	28.37 1.12 0.00	29.65 1.14 0.00	31.68 0.92 0.00	39.18 1.51 0.00	42.46 1.28 0.00	38.83 1.78 0.00	33.77 1.64 0.00	32.49 2.01 0.00	34.20 2.06 0.00	34.43 2.16 0.00	34.60 2.17 0.00	35.64 2.42 -0.01	38.39 1.76 0.00	43.25 1.78 0.00	51.10 1.97 -0.04	61.04 1.54 0.00	56.42 1.53 0.00	45.20 1.10 0.01	39.74 1.12 0.01	37.54 0.99 0.00	34.22 1.16 0.00
PORT_JEFF_4 23616	36.00 1.55 0.00	30.64 1.26 0.00	29.52 1.22 0.00	28.37 1.12 0.00	29.65 1.14 0.00	31.68 0.92 0.00	39.18 1.51 0.00	42.46 1.28 0.00	38.83 1.78 0.00	33.77 1.64 0.00	32.49 2.01 0.00	34.20 2.06 0.00	34.43 2.16 0.00	34.60 2.17 0.00	35.64 2.42 -0.01	38.39 1.76 0.00	43.25 1.78 0.00	51.10 1.97 -0.04	61.04 1.54 0.00	56.42 1.53 0.00	45.20 1.10 0.01	39.74 1.12 0.01	37.54 0.99 0.00	34.22 1.16 0.00

PORT_JEFF_IC 23713	36.03 1.58 0.00	30.67 1.29 0.00	29.55 1.25 0.00	28.43 1.17 0.00	29.68 1.17 0.00	31.74 0.98 0.00	39.36 1.70 0.00	42.50 1.32 0.00	38.86 1.82 0.00	33.80 1.67 0.00	32.58 2.10 0.00	34.26 2.12 0.00	34.46 2.19 0.00	34.73 2.30 0.00	35.71 2.49 -0.01	38.46 1.83 0.00	43.21 1.74 0.00	51.19 2.06 -0.04	60.80 1.31 0.00	55.93 1.04 0.00	45.11 1.01 0.01	39.74 1.12 0.01	37.68 1.13 0.00	34.22 1.16 0.00
PPL PILGRIM_ST_GT1 24216	36.14 1.69 0.00	30.76 1.38 0.00	29.63 1.33 0.00	28.48 1.23 0.00	29.76 1.25 0.00	31.81 1.05 0.00	39.32 1.66 0.00	42.58 1.40 0.00	38.90 1.85 0.00	33.83 1.70 0.00	32.55 2.07 0.00	34.26 2.12 0.00	34.46 2.20 0.00	34.64 2.21 0.00	35.67 2.46 -0.01	38.43 1.79 0.00	43.29 1.82 0.00	50.86 1.76 0.00	61.34 1.85 0.00	56.59 1.70 0.00	45.24 1.14 0.01	39.82 1.20 0.01	37.64 1.10 0.00	34.32 1.26 0.00
PPL PILGRIM_ST_GT2 24217	36.14 1.69 0.00	30.76 1.38 0.00	29.63 1.33 0.00	28.48 1.23 0.00	29.76 1.25 0.00	31.81 1.05 0.00	39.32 1.66 0.00	42.58 1.40 0.00	38.90 1.85 0.00	33.83 1.70 0.00	32.55 2.07 0.00	34.26 2.12 0.00	34.46 2.20 0.00	34.64 2.21 0.00	35.67 2.46 -0.01	38.43 1.79 0.00	43.29 1.82 0.00	50.86 1.76 0.00	61.34 1.85 0.00	56.59 1.70 0.00	45.24 1.14 0.01	39.82 1.20 0.01	37.64 1.10 0.00	34.32 1.26 0.00
PPL_SHRM_GT3 24213	35.72 1.28 0.00	30.41 1.03 0.00	29.26 0.96 0.00	28.15 0.90 0.00	29.39 0.88 0.00	31.44 0.68 0.00	38.87 1.21 0.00	42.17 0.99 0.00	38.53 1.48 0.00	33.48 1.35 0.00	32.24 1.77 0.00	33.91 1.77 0.00	34.14 1.87 0.00	34.31 1.88 0.00	35.37 2.16 -0.01	38.14 1.50 0.00	42.95 1.49 0.00	50.80 1.67 -0.04	60.86 1.37 0.00	56.15 1.26 0.00	44.85 0.75 0.01	39.44 0.81 0.01	37.21 0.66 0.00	33.89 0.83 0.00
PPL_SHRM_GT4 24214	35.72 1.28 0.00	30.41 1.03 0.00	29.26 0.96 0.00	28.15 0.90 0.00	29.39 0.88 0.00	31.44 0.68 0.00	38.87 1.21 0.00	42.17 0.99 0.00	38.53 1.48 0.00	33.48 1.35 0.00	32.24 1.77 0.00	33.91 1.77 0.00	34.14 1.87 0.00	34.31 1.88 0.00	35.37 2.16 -0.01	38.14 1.50 0.00	42.95 1.49 0.00	50.80 1.67 -0.04	60.86 1.37 0.00	56.15 1.26 0.00	44.85 0.75 0.01	39.44 0.81 0.01	37.21 0.66 0.00	33.89 0.83 0.00
PROJECT___ORANGE 1 24174	34.10 -0.34 0.00	29.06 -0.32 0.00	28.02 -0.28 0.00	27.01 -0.25 0.00	28.25 -0.26 0.00	30.51 -0.25 0.00	37.10 -0.57 0.00	40.52 -0.66 0.00	36.49 -0.56 0.00	31.59 -0.55 0.00	30.02 -0.46 0.00	31.66 -0.48 0.00	31.75 -0.52 0.00	31.91 -0.52 0.00	32.64 -0.56 0.00	36.08 -0.55 0.00	40.76 -0.70 0.00	48.25 -0.83 0.00	58.54 -0.95 0.00	54.06 -0.82 0.00	43.44 -0.66 0.00	38.01 -0.62 0.00	36.00 -0.55 0.00	32.66 -0.40 0.00
PROJECT___ORANGE 2 24166	34.10 -0.34 0.00	29.06 -0.32 0.00	28.02 -0.28 0.00	27.01 -0.25 0.00	28.25 -0.26 0.00	30.51 -0.25 0.00	37.10 -0.57 0.00	40.52 -0.66 0.00	36.49 -0.56 0.00	31.59 -0.55 0.00	30.02 -0.46 0.00	31.66 -0.48 0.00	31.75 -0.52 0.00	31.91 -0.52 0.00	32.64 -0.56 0.00	36.08 -0.55 0.00	40.76 -0.70 0.00	48.25 -0.83 0.00	58.54 -0.95 0.00	54.06 -0.82 0.00	43.44 -0.66 0.00	38.01 -0.62 0.00	36.00 -0.55 0.00	32.66 -0.40 0.00
PUCKETT___SOLAR 323809	34.76 0.31 0.00	29.64 0.26 0.00	28.58 0.28 0.00	27.58 0.33 0.00	28.91 0.40 0.00	31.16 0.40 0.00	37.90 0.23 0.00	41.47 0.29 0.00	37.23 0.19 0.00	32.10 -0.03 0.00	30.51 0.03 0.00	32.14 0.00 0.00	32.20 -0.06 0.00	32.37 -0.06 0.00	33.11 -0.10 0.00	36.67 0.04 0.00	41.55 0.08 0.00	49.53 0.44 0.00	60.21 0.72 0.00	55.60 0.71 0.00	44.64 0.53 0.00	38.98 0.35 0.00	36.99 0.44 0.00	33.52 0.46 0.00
PYRITES___HYD 24023	35.34 0.90 0.00	30.23 0.85 0.00	29.09 0.79 0.00	27.91 0.65 0.00	29.25 0.74 0.00	31.65 0.89 0.00	39.03 1.36 0.00	42.62 1.44 0.00	38.16 1.11 0.00	32.97 0.84 0.00	31.08 0.61 0.00	32.95 0.80 0.00	33.08 0.81 0.00	33.24 0.81 0.00	33.94 0.73 0.00	37.55 0.92 0.00	42.79 1.33 0.00	51.05 1.96 0.00	62.41 2.92 0.00	57.90 3.02 0.00	46.35 2.25 0.00	40.41 1.78 0.00	38.12 1.57 0.00	34.35 1.29 0.00
QUAKERRD_115KV_BK1 80622	33.24 -1.21 0.00	28.29 -1.09 0.00	27.37 -0.93 0.00	26.44 -0.82 0.00	27.71 -0.80 0.00	29.93 -0.83 0.00	35.94 -1.73 0.00	39.33 -1.85 0.00	35.57 -1.48 0.00	30.94 -1.19 0.00	29.53 -0.94 0.00	31.08 -1.06 0.00	31.11 -1.16 0.00	31.30 -1.14 0.00	31.91 -1.30 0.00	35.35 -1.28 0.00	39.56 -1.91 0.00	46.88 -2.21 0.00	57.12 -2.38 0.00	52.69 -2.20 0.00	42.21 -1.90 0.00	36.85 -1.78 0.00	35.12 -1.43 0.00	32.07 -0.99 0.00
QUENSBRY_115KV_TB8 356137	35.62 1.17 0.00	30.44 1.06 0.00	29.29 0.99 0.00	28.13 0.87 0.00	29.45 0.94 0.00	31.77 1.02 0.00	38.99 1.32 0.00	42.71 1.52 0.00	38.08 1.04 0.00	32.87 0.74 0.00	30.87 0.40 0.00	32.46 0.32 0.00	32.62 0.35 0.00	32.79 0.36 0.00	33.80 0.60 0.00	37.26 0.62 0.00	42.58 1.12 0.00	50.56 1.47 0.00	61.58 2.08 0.00	56.59 1.70 0.00	45.52 1.41 0.00	39.79 1.16 0.00	37.61 1.06 0.00	34.05 0.99 0.00
RAMAPO___LBMP 323565	35.90 1.45 0.00	30.61 1.23 0.00	29.40 1.10 0.00	28.34 1.09 0.00	29.56 1.05 0.00	31.71 0.95 0.00	39.18 1.51 0.00	42.87 1.69 0.00	38.68 1.63 0.00	33.58 1.45 0.00	31.97 1.49 0.00	33.65 1.51 0.00	33.82 1.55 0.00	33.99 1.56 0.00	34.80 1.59 0.00	38.21 1.58 0.00	43.16 1.70 0.00	50.76 1.67 0.00	61.46 1.96 0.00	56.59 1.70 0.00	45.47 1.37 0.00	40.10 1.47 0.00	37.94 1.39 0.00	34.22 1.16 0.00
RANKINE____ 23646	33.04 -1.41 0.00	28.09 -1.29 0.00	27.34 -0.96 0.00	26.63 -0.63 0.00	28.02 -0.48 0.00	30.21 -0.55 0.00	35.37 -2.30 0.00	38.67 -2.51 0.00	35.16 -1.89 0.00	30.75 -1.38 0.00	29.77 -0.70 0.00	31.31 -0.84 0.00	31.20 -1.06 0.00	31.26 -1.17 0.00	31.68 -1.53 0.00	35.13 -1.50 0.00	38.64 -2.82 0.00	45.95 -3.14 0.00	56.04 -3.45 0.00	51.65 -3.24 0.00	41.33 -2.78 0.00	36.04 -2.59 0.00	34.83 -1.72 0.00	32.43 -0.63 0.00
RAVENSWOOD_GT2_1 24244	36.21 1.76 0.00	30.88 1.50 0.00	29.66 1.36 0.00	28.56 1.31 0.00	29.79 1.28 0.00	31.96 1.20 0.00	39.48 1.81 0.00	43.12 1.94 0.00	39.05 2.00 0.00	33.93 1.80 0.00	32.30 1.83 0.00	34.04 1.90 0.00	34.24 1.97 0.00	34.41 1.98 0.00	35.27 2.06 0.00	38.68 2.05 0.00	43.58 2.11 0.00	51.05 1.96 0.00	61.64 2.14 0.00	56.75 1.87 0.00	45.74 1.63 0.00	40.41 1.78 0.00	38.30 1.75 0.00	34.52 1.45 0.00
RAVENSWOOD_GT2_2 24245	36.21 1.76 0.00	30.88 1.50 0.00	29.66 1.36 0.00	28.56 1.31 0.00	29.79 1.28 0.00	31.96 1.20 0.00	39.48 1.81 0.00	43.12 1.94 0.00	39.05 2.00 0.00	33.93 1.80 0.00	32.30 1.83 0.00	34.04 1.90 0.00	34.24 1.97 0.00	34.41 1.98 0.00	35.27 2.06 0.00	38.68 2.05 0.00	43.58 2.11 0.00	51.05 1.96 0.00	61.64 2.14 0.00	56.75 1.87 0.00	45.74 1.63 0.00	40.41 1.78 0.00	38.30 1.75 0.00	34.52 1.45 0.00



RAVENSWOOD_GT2_3 24246	36.21 1.76 0.00	30.88 1.50 0.00	29.66 1.36 0.00	28.56 1.31 0.00	29.82 1.31 0.00	31.96 1.20 0.00	39.48 1.81 0.00	43.16 1.98 0.00	39.09 2.04 0.00	33.93 1.80 0.00	32.30 1.83 0.00	34.04 1.90 0.00	34.24 1.97 0.00	34.41 1.98 0.00	35.27 2.06 0.00	38.68 2.05 0.00	43.58 2.11 0.00	51.05 1.96 0.00	61.70 2.20 0.00	56.75 1.87 0.00	45.74 1.63 0.00	40.41 1.78 0.00	38.30 1.75 0.00	34.55 1.49 0.00
RAVENSWOOD_GT2_4 24247	36.21 1.76 0.00	30.88 1.50 0.00	29.66 1.36 0.00	28.56 1.31 0.00	29.82 1.31 0.00	31.96 1.20 0.00	39.48 1.81 0.00	43.16 1.98 0.00	39.09 2.04 0.00	33.93 1.80 0.00	32.30 1.83 0.00	34.04 1.90 0.00	34.24 1.97 0.00	34.41 1.98 0.00	35.27 2.06 0.00	38.68 2.05 0.00	43.58 2.11 0.00	51.05 1.96 0.00	61.70 2.20 0.00	56.75 1.87 0.00	45.74 1.63 0.00	40.41 1.78 0.00	38.30 1.75 0.00	34.55 1.49 0.00
RAVENSWOOD_GT3_1 24248	36.21 1.76 0.00	30.88 1.50 0.00	29.66 1.36 0.00	28.56 1.31 0.00	29.79 1.28 0.00	31.96 1.20 0.00	39.48 1.81 0.00	43.16 1.98 0.00	39.05 2.00 0.00	33.93 1.80 0.00	32.30 1.83 0.00	34.04 1.90 0.00	34.24 1.97 0.00	34.41 1.98 0.00	35.27 2.06 0.00	38.68 2.05 0.00	43.58 2.11 0.00	51.05 1.96 0.00	61.70 2.20 0.00	56.75 1.87 0.00	45.74 1.63 0.00	40.41 1.78 0.00	38.30 1.75 0.00	34.52 1.45 0.00
RAVENSWOOD_GT3_2 24249	36.21 1.76 0.00	30.88 1.50 0.00	29.66 1.36 0.00	28.56 1.31 0.00	29.79 1.28 0.00	31.96 1.20 0.00	39.48 1.81 0.00	43.16 1.98 0.00	39.05 2.00 0.00	33.93 1.80 0.00	32.30 1.83 0.00	34.04 1.90 0.00	34.24 1.97 0.00	34.41 1.98 0.00	35.27 2.06 0.00	38.68 2.05 0.00	43.58 2.11 0.00	51.05 1.96 0.00	61.70 2.20 0.00	56.75 1.87 0.00	45.74 1.63 0.00	40.41 1.78 0.00	38.30 1.75 0.00	34.52 1.45 0.00
RAVENSWOOD_GT3_3 24250	36.24 1.79 0.00	30.91 1.53 0.00	29.69 1.39 0.00	28.59 1.34 0.00	29.82 1.31 0.00	31.99 1.23 0.00	39.51 1.85 0.00	43.20 2.02 0.00	39.12 2.07 0.00	33.96 1.83 0.00	32.33 1.86 0.00	34.07 1.93 0.00	34.27 2.00 0.00	34.44 2.01 0.00	35.30 2.09 0.00	38.72 2.09 0.00	43.62 2.16 0.00	51.10 2.01 0.00	61.76 2.26 0.00	56.81 1.92 0.00	45.78 1.68 0.00	40.45 1.82 0.00	38.34 1.79 0.00	34.55 1.49 0.00
RAVENSWOOD_GT3_4 24251	36.24 1.79 0.00	30.91 1.53 0.00	29.69 1.39 0.00	28.59 1.34 0.00	29.82 1.31 0.00	31.99 1.23 0.00	39.51 1.85 0.00	43.20 2.02 0.00	39.12 2.07 0.00	33.96 1.83 0.00	32.33 1.86 0.00	34.07 1.93 0.00	34.27 2.00 0.00	34.44 2.01 0.00	35.30 2.09 0.00	38.72 2.09 0.00	43.62 2.16 0.00	51.10 2.01 0.00	61.76 2.26 0.00	56.81 1.92 0.00	45.78 1.68 0.00	40.45 1.82 0.00	38.34 1.79 0.00	34.55 1.49 0.00
RAVENSWOOD_GT_1 23729	36.39 1.93 -0.01	31.00 1.62 0.00	29.80 1.50 0.00	28.67 1.42 0.00	29.90 1.40 0.00	32.02 1.26 0.00	39.55 1.88 0.00	43.08 1.89 0.00	39.16 2.11 0.00	34.00 1.86 0.00	32.36 1.89 0.00	34.14 1.99 0.00	34.33 2.07 0.00	34.51 2.08 0.00	35.40 2.19 0.00	38.79 2.16 0.00	43.58 2.11 0.00	50.86 1.77 0.00	61.39 1.90 0.01	56.52 1.65 0.01	45.65 1.54 0.00	40.45 1.82 0.00	38.45 1.90 0.00	34.65 1.59 0.00
RAVENSWOOD_GT_10 24258	36.20 1.76 0.00	30.85 1.47 0.00	29.66 1.36 0.00	28.56 1.31 0.00	29.79 1.28 0.00	31.96 1.20 0.00	39.48 1.81 0.00	43.16 1.98 0.00	39.05 2.00 0.00	33.93 1.80 0.00	32.30 1.83 0.00	34.04 1.90 0.00	34.24 1.97 0.00	34.41 1.98 0.00	35.27 2.06 0.00	38.68 2.05 0.00	43.58 2.11 0.00	51.05 1.96 0.00	61.70 2.20 0.00	56.75 1.87 0.00	45.74 1.63 0.00	40.41 1.78 0.00	38.30 1.75 0.00	34.52 1.45 0.00
RAVENSWOOD_GT_11 24259	36.20 1.76 0.00	30.85 1.47 0.00	29.66 1.36 0.00	28.56 1.31 0.00	29.79 1.28 0.00	31.96 1.20 0.00	39.48 1.81 0.00	43.16 1.98 0.00	39.05 2.00 0.00	33.93 1.80 0.00	32.30 1.83 0.00	34.04 1.90 0.00	34.24 1.97 0.00	34.41 1.98 0.00	35.27 2.06 0.00	38.68 2.05 0.00	43.58 2.11 0.00	51.05 1.96 0.00	61.70 2.20 0.00	56.75 1.87 0.00	45.74 1.63 0.00	40.41 1.78 0.00	38.30 1.75 0.00	34.52 1.45 0.00
RAVENSWOOD_GT_4 24252	36.17 1.72 0.01	30.85 1.47 0.00	29.63 1.33 0.00	28.54 1.28 0.00	29.76 1.25 0.00	31.93 1.17 0.00	39.44 1.77 0.00	43.16 1.98 0.00	39.05 2.00 0.00	33.90 1.77 0.00	32.27 1.80 0.00	34.01 1.86 0.00	34.21 1.94 0.00	34.38 1.95 0.00	35.23 2.03 0.00	38.65 2.01 0.00	43.58 2.11 0.00	51.10 2.01 0.00	61.76 2.26 -0.01	56.81 1.92 -0.01	45.74 1.63 0.00	40.41 1.78 0.00	38.27 1.72 0.00	34.52 1.45 0.00
RAVENSWOOD_GT_5 24254	36.17 1.72 0.01	30.85 1.47 0.00	29.63 1.33 0.00	28.54 1.28 0.00	29.76 1.25 0.00	31.93 1.17 0.00	39.44 1.77 0.00	43.16 1.98 0.00	39.05 2.00 0.00	33.90 1.77 0.00	32.27 1.80 0.00	34.01 1.86 0.00	34.21 1.94 0.00	34.38 1.95 0.00	35.23 2.03 0.00	38.65 2.01 0.00	43.58 2.11 0.00	51.10 2.01 0.00	61.76 2.26 -0.01	56.81 1.92 -0.01	45.74 1.63 0.00	40.41 1.78 0.00	38.27 1.72 0.00	34.52 1.45 0.00
RAVENSWOOD_GT_6 24253	36.17 1.72 0.01	30.85 1.47 0.00	29.63 1.33 0.00	28.54 1.28 0.00	29.76 1.25 0.00	31.93 1.17 0.00	39.44 1.77 0.00	43.16 1.98 0.00	39.05 2.00 0.00	33.90 1.77 0.00	32.27 1.80 0.00	34.01 1.86 0.00	34.21 1.94 0.00	34.38 1.95 0.00	35.23 2.03 0.00	38.65 2.01 0.00	43.58 2.11 0.00	51.10 2.01 0.00	61.76 2.26 -0.01	56.81 1.92 -0.01	45.74 1.63 0.00	40.41 1.78 0.00	38.27 1.72 0.00	34.52 1.45 0.00
RAVENSWOOD_GT_7 24255	36.17 1.72 0.01	30.85 1.47 0.00	29.63 1.33 0.00	28.54 1.28 0.00	29.76 1.25 0.00	31.93 1.17 0.00	39.44 1.77 0.00	43.16 1.98 0.00	39.05 2.00 0.00	33.90 1.77 0.00	32.27 1.80 0.00	34.01 1.86 0.00	34.21 1.94 0.00	34.38 1.95 0.00	35.23 2.03 0.00	38.65 2.01 0.00	43.58 2.11 0.00	51.10 2.01 0.00	61.76 2.26 -0.01	56.81 1.92 -0.01	45.74 1.63 0.00	40.41 1.78 0.00	38.27 1.72 0.00	34.52 1.45 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	36.20 1.76 0.00	30.85 1.47 0.00	29.66 1.36 0.00	28.56 1.31 0.00	29.79 1.28 0.00	31.96 1.20 0.00	39.48 1.81 0.00	43.16 1.98 0.00	39.05 2.00 0.00	33.93 1.80 0.00	32.30 1.83 0.00	34.04 1.90 0.00	34.24 1.97 0.00	34.41 1.98 0.00	35.27 2.06 0.00	38.68 2.05 0.00	43.58 2.11 0.00	51.05 1.96 0.00	61.70 2.20 0.00	56.75 1.87 0.00	45.74 1.63 0.00	40.41 1.78 0.00	38.30 1.75 0.00	34.52 1.45 0.00
RAVENSWOOD_GT_9 24257	36.20 1.76 0.00	30.85 1.47 0.00	29.66 1.36 0.00	28.56 1.31 0.00	29.79 1.28 0.00	31.96 1.20 0.00	39.48 1.81 0.00	43.16 1.98 0.00	39.05 2.00 0.00	33.93 1.80 0.00	32.30 1.83 0.00	34.04 1.90 0.00	34.24 1.97 0.00	34.41 1.98 0.00	35.27 2.06 0.00	38.68 2.05 0.00	43.58 2.11 0.00	51.05 1.96 0.00	61.70 2.20 0.00	56.75 1.87 0.00	45.74 1.63 0.00	40.41 1.78 0.00	38.30 1.75 0.00	34.52 1.45 0.00

RAVENSWOOD___1 23533	36.38 1.93 -0.01	31.00 1.61 0.00	29.77 1.47 0.00	28.67 1.42 0.00	29.90 1.40 0.00	32.02 1.26 0.00	39.48 1.81 0.00	43.08 1.90 0.00	39.16 2.11 0.00	34.00 1.86 0.00	32.37 1.89 0.00	34.14 1.99 0.00	34.34 2.07 0.00	34.48 2.04 0.00	35.40 2.19 0.00	38.79 2.16 0.00	43.74 2.28 0.00	50.85 1.76 0.00	61.51 2.02 0.01	56.58 1.70 0.01	45.82 1.72 0.00	40.48 1.85 0.00	38.41 1.86 0.00	34.68 1.62 0.00
RAVENSWOOD___2 23534	36.32 1.86 -0.01	30.94 1.56 0.00	29.74 1.44 0.00	28.62 1.36 0.00	29.85 1.34 0.00	31.96 1.20 0.00	39.40 1.73 0.00	43.04 1.85 0.00	39.08 2.04 0.00	33.93 1.80 0.00	32.30 1.83 0.00	34.07 1.93 0.00	34.27 2.00 0.00	34.44 2.01 0.00	35.33 2.13 0.00	38.72 2.09 0.00	43.66 2.20 0.00	50.56 1.47 0.00	61.15 1.66 0.01	56.25 1.37 0.01	45.74 1.63 0.00	40.45 1.82 0.00	38.34 1.79 0.00	34.61 1.55 0.00
RAVENSWOOD___3 23535	36.20 1.76 0.00	30.88 1.50 0.00	29.66 1.36 0.00	28.56 1.31 0.00	29.79 1.28 0.00	31.96 1.20 0.00	39.40 1.73 0.00	43.16 1.98 0.00	39.05 2.00 0.00	33.93 1.80 0.00	32.30 1.83 0.00	34.04 1.90 0.00	34.24 1.97 0.00	34.38 1.95 0.00	35.27 2.06 0.00	38.68 2.05 0.00	43.70 2.24 0.00	51.05 1.97 0.00	61.81 2.32 0.00	56.86 1.97 0.00	45.87 1.77 0.00	40.45 1.82 0.00	38.30 1.75 0.00	34.58 1.52 0.00
RAVENSWOOD___4 23820	36.35 1.89 -0.01	31.00 1.61 0.00	29.77 1.47 0.00	28.67 1.42 0.00	29.90 1.40 0.00	32.02 1.26 0.00	39.48 1.81 0.00	43.08 1.90 0.00	39.16 2.11 0.00	34.00 1.86 0.00	32.37 1.89 0.00	34.14 1.99 0.00	34.34 2.07 0.00	34.48 2.04 0.00	35.36 2.16 0.00	38.79 2.16 0.00	43.74 2.28 0.00	50.85 1.76 0.00	61.51 2.02 0.01	56.58 1.70 0.01	45.82 1.72 0.00	40.48 1.85 0.00	38.41 1.86 0.00	34.68 1.62 0.00
RCPL_TRUST___DRP 24196	36.21 1.76 0.00	30.88 1.50 0.00	29.66 1.36 0.00	28.56 1.31 0.00	29.82 1.31 0.00	31.96 1.20 0.00	39.48 1.81 0.00	43.20 2.02 0.00	39.09 2.04 0.00	33.93 1.80 0.00	32.30 1.83 0.00	34.04 1.90 0.00	34.24 1.97 0.00	34.41 1.98 0.00	35.27 2.06 0.00	38.68 2.05 0.00	43.62 2.16 0.00	51.10 2.01 0.00	61.76 2.26 0.00	56.81 1.92 0.00	45.78 1.68 0.00	40.41 1.78 0.00	38.30 1.75 0.00	34.52 1.45 0.00
RED___ROCHESTER 323720	34.07 -0.38 0.00	28.97 -0.41 0.00	28.04 -0.26 0.00	27.09 -0.16 0.00	28.45 -0.06 0.00	30.70 -0.06 0.00	36.84 -0.83 0.00	40.32 -0.87 0.00	36.49 -0.55 0.00	31.81 -0.32 0.00	30.38 -0.09 0.00	31.98 -0.16 0.00	32.01 -0.26 0.00	32.24 -0.19 0.00	32.81 -0.40 0.00	36.23 -0.40 0.00	40.47 -1.00 0.00	48.25 -0.83 0.00	58.66 -0.83 0.00	54.06 -0.82 0.00	43.22 -0.88 0.00	37.82 -0.81 0.00	36.18 -0.37 0.00	32.96 -0.10 0.00
REGAN___SOLAR 323812	36.27 1.82 0.00	30.91 1.53 0.00	29.74 1.44 0.00	28.59 1.34 0.00	29.93 1.42 0.00	32.33 1.57 0.00	39.74 2.07 0.00	43.36 2.18 0.00	37.97 0.93 0.00	32.16 0.03 0.00	29.99 -0.49 0.00	31.57 -0.58 0.00	31.79 -0.48 0.00	32.04 -0.39 0.00	33.14 -0.07 0.00	36.92 0.29 0.00	42.54 1.08 0.00	51.15 2.06 0.00	62.82 3.33 0.00	57.74 2.85 0.00	46.44 2.34 0.00	40.64 2.01 0.00	38.38 1.83 0.00	34.68 1.62 0.00
RENSSELAER___COGEN 23796	34.83 0.38 0.00	29.76 0.38 0.00	28.67 0.37 0.00	27.58 0.33 0.00	28.79 0.29 0.00	31.04 0.28 0.00	38.23 0.57 0.00	41.88 0.70 0.00	37.57 0.52 0.00	32.55 0.42 0.00	30.78 0.30 0.00	32.37 0.23 0.00	32.53 0.26 0.00	32.69 0.26 0.00	33.61 0.40 0.00	36.96 0.33 0.00	41.84 0.37 0.00	49.34 0.25 0.00	59.67 0.18 0.00	55.00 0.11 0.00	44.28 0.18 0.00	38.82 0.19 0.00	36.66 0.11 0.00	33.16 0.10 0.00
REPUBLIC_115KV_BARTNBK 55605	36.96 2.51 0.00	31.55 2.17 0.00	30.37 2.07 0.00	29.13 1.88 0.00	30.53 2.02 0.00	32.97 2.21 0.00	40.49 2.83 0.00	44.35 3.17 0.00	39.34 2.30 0.00	33.84 1.70 0.00	31.60 1.13 0.00	33.20 1.06 0.00	33.33 1.06 0.00	33.47 1.04 0.00	34.57 1.36 0.00	38.28 1.65 0.00	43.95 2.49 0.00	52.38 3.29 0.00	64.19 4.70 0.00	58.84 3.95 0.00	47.28 3.18 0.00	41.26 2.63 0.00	38.93 2.38 0.00	35.28 2.22 0.00
REVERE_CPPR_DRP 24186	35.24 0.79 0.00	30.09 0.71 0.00	28.98 0.68 0.00	27.83 0.57 0.00	29.19 0.68 0.00	31.47 0.71 0.00	38.54 0.87 0.00	42.13 0.95 0.00	37.75 0.70 0.00	32.45 0.32 0.00	30.63 0.15 0.00	32.34 0.19 0.00	32.50 0.23 0.00	32.69 0.26 0.00	33.57 0.37 0.00	37.18 0.55 0.00	42.25 0.79 0.00	50.12 1.03 0.00	61.04 1.55 0.00	56.53 1.65 0.00	45.43 1.32 0.00	39.71 1.08 0.00	37.54 0.99 0.00	33.85 0.79 0.00
REYNLDPA_13_KV_LD 356490	34.62 0.17 0.00	29.56 0.18 0.00	28.44 0.14 0.00	27.36 0.11 0.00	28.62 0.11 0.00	30.95 0.19 0.00	38.08 0.42 0.00	41.59 0.41 0.00	37.42 0.37 0.00	32.55 0.42 0.00	30.84 0.37 0.00	32.66 0.51 0.00	32.75 0.48 0.00	32.92 0.49 0.00	33.61 0.40 0.00	37.07 0.44 0.00	42.04 0.58 0.00	49.92 0.83 0.00	60.62 1.13 0.00	56.04 1.15 0.00	44.90 0.79 0.00	39.17 0.54 0.00	37.06 0.51 0.00	33.49 0.43 0.00
REYNOLDS_115KV_TB3 80639	35.14 0.69 0.00	30.03 0.65 0.00	28.89 0.59 0.00	27.80 0.55 0.00	29.02 0.51 0.00	31.31 0.55 0.00	38.57 0.90 0.00	42.25 1.07 0.00	37.90 0.85 0.00	32.87 0.74 0.00	31.05 0.58 0.00	32.69 0.55 0.00	32.85 0.58 0.00	33.02 0.58 0.00	33.90 0.70 0.00	37.29 0.66 0.00	42.38 0.91 0.00	50.07 0.98 0.00	60.57 1.07 0.00	55.76 0.88 0.00	44.90 0.79 0.00	39.40 0.77 0.00	37.21 0.66 0.00	33.59 0.53 0.00
RIVERBAY____ 323610	36.59 2.14 -0.01	31.20 1.82 0.00	29.97 1.67 0.00	28.83 1.58 0.00	30.08 1.57 0.00	32.21 1.45 0.00	39.78 2.11 0.00	43.28 2.10 0.00	39.34 2.30 0.00	34.16 2.02 0.00	32.52 2.04 0.00	34.30 2.15 0.00	34.50 2.23 0.00	34.67 2.24 0.00	35.53 2.32 0.00	38.98 2.34 0.00	43.79 2.32 0.00	51.00 1.91 0.00	61.63 2.14 0.01	56.69 1.81 0.01	45.87 1.76 0.00	40.56 1.93 0.00	38.60 2.05 0.00	34.81 1.75 0.00
RIVERSDE_115KV_TB3 55908	35.00 0.55 0.00	29.91 0.53 0.00	28.78 0.48 0.00	27.69 0.44 0.00	28.94 0.43 0.00	31.19 0.43 0.00	38.42 0.75 0.00	42.09 0.91 0.00	37.75 0.70 0.00	32.71 0.58 0.00	30.93 0.46 0.00	32.53 0.39 0.00	32.69 0.42 0.00	32.85 0.42 0.00	33.74 0.53 0.00	37.15 0.51 0.00	42.21 0.75 0.00	49.87 0.79 0.00	60.33 0.83 0.00	55.54 0.66 0.00	44.68 0.57 0.00	39.21 0.58 0.00	37.06 0.51 0.00	33.42 0.36 0.00
ROARING___BROOK_WT_PWR 323790	33.38 -1.07 0.00	28.50 -0.88 0.00	27.48 -0.82 0.00	26.46 -0.79 0.00	27.74 -0.77 0.00	29.99 -0.77 0.00	36.88 -0.79 0.00	40.44 -0.74 0.00	36.53 -0.52 0.00	31.87 -0.26 0.00	30.32 -0.15 0.00	32.11 -0.03 0.00	32.27 0.00 0.00	32.46 0.03 0.00	33.24 0.03 0.00	36.67 0.04 0.00	41.55 0.08 0.00	49.19 0.10 0.00	59.61 0.12 0.00	54.89 0.00 0.00	44.02 -0.09 0.00	38.48 -0.15 0.00	36.30 -0.25 0.00	32.76 -0.30 0.00

ROCHESRG_115KV_T4 355643	33.79 -0.65 0.00	28.73 -0.65 0.00	27.82 -0.48 0.00	26.90 -0.35 0.00	28.22 -0.29 0.00	30.45 -0.31 0.00	36.43 -1.24 0.00	39.86 -1.32 0.00	36.08 -0.96 0.00	31.39 -0.74 0.00	30.02 -0.46 0.00	31.60 -0.55 0.00	31.62 -0.65 0.00	31.78 -0.65 0.00	32.41 -0.80 0.00	35.86 -0.77 0.00	40.01 -1.45 0.00	47.47 -1.62 0.00	57.83 -1.67 0.00	53.35 -1.54 0.00	42.78 -1.32 0.00	37.32 -1.31 0.00	35.64 -0.91 0.00	32.66 -0.40 0.00
ROCHESTER_9_IC 23652	33.93 -0.52 0.00	28.88 -0.50 0.00	27.96 -0.34 0.00	27.01 -0.25 0.00	28.34 -0.17 0.00	30.61 -0.15 0.00	36.58 -1.09 0.00	40.03 -1.15 0.00	36.23 -0.82 0.00	31.55 -0.58 0.00	30.17 -0.30 0.00	31.76 -0.39 0.00	31.79 -0.48 0.00	31.94 -0.49 0.00	32.58 -0.63 0.00	36.05 -0.59 0.00	40.22 -1.24 0.00	47.76 -1.33 0.00	58.19 -1.31 0.00	53.68 -1.21 0.00	43.00 -1.10 0.00	37.51 -1.12 0.00	35.82 -0.73 0.00	32.83 -0.23 0.00
ROCKVIEW_13_KV_LD 356306	36.21 1.76 0.00	30.88 1.50 0.00	29.66 1.36 0.00	28.56 1.31 0.00	29.79 1.28 0.00	31.99 1.23 0.00	39.51 1.85 0.00	43.28 2.10 0.00	39.09 2.04 0.00	33.96 1.83 0.00	32.33 1.86 0.00	34.07 1.93 0.00	34.27 2.00 0.00	34.44 2.01 0.00	35.30 2.09 0.00	38.72 2.09 0.00	43.70 2.24 0.00	51.35 2.26 0.00	61.99 2.50 0.00	57.08 2.20 0.00	45.91 1.81 0.00	40.48 1.85 0.00	38.34 1.79 0.00	34.58 1.52 0.00
ROME____115KV_TB2 80656	35.24 0.79 0.00	30.09 0.71 0.00	28.98 0.68 0.00	27.83 0.57 0.00	29.19 0.68 0.00	31.47 0.71 0.00	38.54 0.87 0.00	42.13 0.95 0.00	37.75 0.70 0.00	32.45 0.32 0.00	30.63 0.15 0.00	32.34 0.19 0.00	32.50 0.23 0.00	32.69 0.26 0.00	33.57 0.37 0.00	37.18 0.55 0.00	42.25 0.79 0.00	50.12 1.03 0.00	61.04 1.55 0.00	56.53 1.65 0.00	45.43 1.32 0.00	39.71 1.08 0.00	37.54 0.99 0.00	33.85 0.79 0.00
ROSETON___1 23587	35.79 1.34 0.00	30.53 1.14 0.00	29.35 1.05 0.00	28.26 1.01 0.00	29.48 0.97 0.00	31.68 0.92 0.00	39.06 1.39 0.00	42.83 1.65 0.00	38.60 1.56 0.00	33.51 1.38 0.00	31.81 1.34 0.00	33.52 1.38 0.00	33.72 1.45 0.00	33.89 1.46 0.00	34.73 1.53 0.00	38.14 1.50 0.00	43.20 1.74 0.00	50.76 1.67 0.00	61.40 1.90 0.00	56.53 1.65 0.00	45.56 1.45 0.00	40.06 1.43 0.00	37.86 1.31 0.00	34.22 1.16 0.00
ROSETON___2 23588	35.79 1.34 0.00	30.53 1.14 0.00	29.35 1.05 0.00	28.26 1.01 0.00	29.48 0.97 0.00	31.68 0.92 0.00	39.06 1.39 0.00	42.83 1.65 0.00	38.60 1.56 0.00	33.51 1.38 0.00	31.81 1.34 0.00	33.52 1.38 0.00	33.72 1.45 0.00	33.89 1.46 0.00	34.73 1.53 0.00	38.14 1.50 0.00	43.20 1.74 0.00	50.76 1.67 0.00	61.40 1.90 0.00	56.53 1.65 0.00	45.56 1.45 0.00	40.06 1.43 0.00	37.86 1.31 0.00	34.22 1.16 0.00
ROTRRDAM_115KV_TB3 80664	35.31 0.86 0.00	30.11 0.73 0.00	28.98 0.68 0.00	27.88 0.63 0.00	29.16 0.66 0.00	31.44 0.68 0.00	38.61 0.94 0.00	42.25 1.07 0.00	37.86 0.82 0.00	32.77 0.64 0.00	30.96 0.49 0.00	32.63 0.48 0.00	32.79 0.52 0.00	32.95 0.52 0.00	33.84 0.63 0.00	37.29 0.66 0.00	42.33 0.87 0.00	50.17 1.08 0.00	60.80 1.31 0.00	55.98 1.10 0.00	45.07 0.97 0.00	39.52 0.89 0.00	37.39 0.84 0.00	33.79 0.73 0.00
RUSSELL___1 23602	34.07 -0.38 0.00	28.97 -0.41 0.00	28.05 -0.25 0.00	27.09 -0.16 0.00	28.45 -0.06 0.00	30.70 -0.06 0.00	36.73 -0.94 0.00	40.32 -0.86 0.00	36.49 -0.56 0.00	31.81 -0.32 0.00	30.38 -0.09 0.00	31.98 -0.16 0.00	32.01 -0.26 0.00	32.17 -0.26 0.00	32.81 -0.40 0.00	36.23 -0.40 0.00	40.43 -1.04 0.00	48.01 -1.08 0.00	58.54 -0.95 0.00	54.01 -0.88 0.00	43.22 -0.88 0.00	37.70 -0.93 0.00	36.00 -0.55 0.00	32.96 -0.10 0.00
RUSSELL___2 23532	34.07 -0.38 0.00	28.97 -0.41 0.00	28.05 -0.25 0.00	27.09 -0.16 0.00	28.45 -0.06 0.00	30.70 -0.06 0.00	36.73 -0.94 0.00	40.32 -0.86 0.00	36.49 -0.56 0.00	31.81 -0.32 0.00	30.38 -0.09 0.00	31.98 -0.16 0.00	32.01 -0.26 0.00	32.17 -0.26 0.00	32.81 -0.40 0.00	36.23 -0.40 0.00	40.43 -1.04 0.00	48.01 -1.08 0.00	58.54 -0.95 0.00	54.01 -0.88 0.00	43.22 -0.88 0.00	37.70 -0.93 0.00	36.00 -0.55 0.00	32.96 -0.10 0.00
RUSSELL___3 23549	34.07 -0.38 0.00	28.97 -0.41 0.00	28.05 -0.25 0.00	27.09 -0.16 0.00	28.45 -0.06 0.00	30.70 -0.06 0.00	36.73 -0.94 0.00	40.32 -0.86 0.00	36.49 -0.56 0.00	31.81 -0.32 0.00	30.38 -0.09 0.00	31.98 -0.16 0.00	32.01 -0.26 0.00	32.17 -0.26 0.00	32.81 -0.40 0.00	36.23 -0.40 0.00	40.43 -1.04 0.00	48.01 -1.08 0.00	58.54 -0.95 0.00	54.01 -0.88 0.00	43.22 -0.88 0.00	37.70 -0.93 0.00	36.00 -0.55 0.00	32.96 -0.10 0.00
RUSSELL___4 23556	34.07 -0.38 0.00	28.97 -0.41 0.00	28.05 -0.25 0.00	27.09 -0.16 0.00	28.45 -0.06 0.00	30.70 -0.06 0.00	36.73 -0.94 0.00	40.32 -0.86 0.00	36.49 -0.56 0.00	31.81 -0.32 0.00	30.38 -0.09 0.00	31.98 -0.16 0.00	32.01 -0.26 0.00	32.17 -0.26 0.00	32.81 -0.40 0.00	36.23 -0.40 0.00	40.43 -1.04 0.00	48.01 -1.08 0.00	58.54 -0.95 0.00	54.01 -0.88 0.00	43.22 -0.88 0.00	37.70 -0.93 0.00	36.00 -0.55 0.00	32.96 -0.10 0.00
RUSSELL___STATION 23914	34.07 -0.38 0.00	28.97 -0.41 0.00	28.05 -0.25 0.00	27.09 -0.16 0.00	28.45 -0.06 0.00	30.70 -0.06 0.00	36.73 -0.94 0.00	40.32 -0.86 0.00	36.49 -0.56 0.00	31.81 -0.32 0.00	30.38 -0.09 0.00	31.98 -0.16 0.00	32.01 -0.26 0.00	32.17 -0.26 0.00	32.81 -0.40 0.00	36.23 -0.40 0.00	40.43 -1.04 0.00	48.01 -1.08 0.00	58.54 -0.95 0.00	54.01 -0.88 0.00	43.22 -0.88 0.00	37.70 -0.93 0.00	36.00 -0.55 0.00	32.96 -0.10 0.00
S SALMON___HYD 24043	34.28 -0.17 0.00	29.23 -0.15 0.00	28.19 -0.11 0.00	27.09 -0.16 0.00	28.42 -0.09 0.00	30.64 -0.12 0.00	37.41 -0.26 0.00	40.85 -0.33 0.00	36.64 -0.41 0.00	31.62 -0.52 0.00	29.93 -0.55 0.00	31.60 -0.55 0.00	31.69 -0.58 0.00	31.88 -0.55 0.00	32.64 -0.56 0.00	36.19 -0.44 0.00	40.84 -0.62 0.00	48.55 -0.54 0.00	59.08 -0.41 0.00	54.72 -0.16 0.00	43.97 -0.13 0.00	38.51 -0.12 0.00	36.44 -0.11 0.00	32.93 -0.13 0.00
S.PERRY__115KV_TB1 80734	34.38 -0.07 0.00	29.26 -0.12 0.00	28.41 0.11 0.00	27.47 0.22 0.00	28.88 0.37 0.00	31.25 0.49 0.00	37.25 -0.41 0.00	40.89 -0.29 0.00	36.79 -0.26 0.00	31.78 -0.35 0.00	30.32 -0.15 0.00	31.85 -0.29 0.00	31.88 -0.39 0.00	32.01 -0.42 0.00	32.64 -0.56 0.00	36.38 -0.26 0.00	40.72 -0.75 0.00	48.84 -0.25 0.00	60.03 0.54 0.00	55.44 0.55 0.00	44.28 0.18 0.00	38.48 -0.15 0.00	36.70 0.15 0.00	33.69 0.63 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	33.00 -1.45 0.00	28.06 -1.32 0.00	27.28 -1.02 0.00	26.57 -0.68 0.00	27.97 -0.54 0.00	30.11 -0.65 0.00	35.18 -2.49 0.00	38.42 -2.76 0.00	35.01 -2.04 0.00	30.62 -1.51 0.00	29.68 -0.79 0.00	31.18 -0.96 0.00	31.08 -1.19 0.00	31.10 -1.33 0.00	31.51 -1.69 0.00	34.95 -1.69 0.00	38.40 -3.07 0.00	45.55 -3.53 0.00	55.57 -3.93 0.00	51.15 -3.73 0.00	40.97 -3.13 0.00	35.77 -2.86 0.00	34.61 -1.94 0.00	32.30 -0.76 0.00

SAWYER___23_KV_LOAD 55526	33.00 -1.45 0.00	28.06 -1.32 0.00	27.28 -1.02 0.00	26.57 -0.68 0.00	27.97 -0.54 0.00	30.11 -0.65 0.00	35.18 -2.49 0.00	38.42 -2.76 0.00	35.01 -2.04 0.00	30.62 -1.51 0.00	29.68 -0.79 0.00	31.18 -0.96 0.00	31.08 -1.19 0.00	31.10 -1.33 0.00	31.51 -1.69 0.00	34.95 -1.69 0.00	38.40 -3.07 0.00	45.55 -3.53 0.00	55.57 -3.93 0.00	51.15 -3.73 0.00	40.97 -3.13 0.00	35.77 -2.86 0.00	34.61 -1.94 0.00	32.30 -0.76 0.00
SELKIRK___I 23801	35.21 0.76 0.00	30.06 0.68 0.00	28.92 0.62 0.00	27.83 0.57 0.00	29.08 0.57 0.00	31.34 0.58 0.00	38.54 0.87 0.00	42.17 0.99 0.00	37.75 0.70 0.00	32.64 0.51 0.00	30.84 0.37 0.00	32.46 0.32 0.00	32.62 0.36 0.00	32.79 0.36 0.00	33.71 0.50 0.00	37.15 0.51 0.00	42.00 0.54 0.00	49.68 0.59 0.00	60.15 0.66 0.00	55.44 0.55 0.00	44.64 0.53 0.00	39.13 0.50 0.00	36.99 0.44 0.00	33.46 0.40 0.00
SELKIRK___II 23799	34.93 0.48 0.00	29.85 0.47 0.00	28.73 0.43 0.00	27.64 0.38 0.00	28.88 0.37 0.00	31.13 0.37 0.00	38.27 0.60 0.00	41.92 0.74 0.00	37.64 0.59 0.00	32.61 0.48 0.00	30.87 0.40 0.00	32.50 0.35 0.00	32.62 0.36 0.00	32.79 0.36 0.00	33.67 0.46 0.00	37.07 0.44 0.00	41.63 0.17 0.00	49.14 0.05 0.00	59.38 -0.12 0.00	54.78 -0.11 0.00	44.10 0.00 0.00	38.71 0.08 0.00	36.55 0.00 0.00	33.06 0.00 0.00
SENECA OSWGO___HYD 24041	33.93 -0.52 0.00	28.91 -0.47 0.00	27.88 -0.42 0.00	26.85 -0.41 0.00	28.11 -0.40 0.00	30.36 -0.40 0.00	36.95 -0.72 0.00	40.32 -0.87 0.00	36.27 -0.78 0.00	31.43 -0.71 0.00	29.83 -0.64 0.00	31.47 -0.68 0.00	31.53 -0.74 0.00	31.72 -0.71 0.00	32.44 -0.76 0.00	35.86 -0.77 0.00	40.51 -0.95 0.00	48.06 -1.03 0.00	58.36 -1.13 0.00	53.90 -0.99 0.00	43.22 -0.88 0.00	37.86 -0.77 0.00	35.85 -0.70 0.00	32.47 -0.59 0.00
SENECA___115KV_TB3 355854	33.07 -1.38 0.00	28.12 -1.26 0.00	27.37 -0.93 0.00	26.65 -0.60 0.00	28.05 -0.46 0.00	30.24 -0.52 0.00	35.41 -2.26 0.00	38.71 -2.47 0.00	35.20 -1.85 0.00	30.78 -1.35 0.00	29.80 -0.67 0.00	31.37 -0.77 0.00	31.27 -1.00 0.00	31.30 -1.14 0.00	31.71 -1.49 0.00	35.17 -1.47 0.00	38.73 -2.74 0.00	46.00 -3.09 0.00	56.16 -3.33 0.00	51.70 -3.18 0.00	41.37 -2.73 0.00	36.08 -2.55 0.00	34.87 -1.68 0.00	32.47 -0.60 0.00
SENECA___ENERGY 23797	34.10 -0.34 0.00	29.03 -0.35 0.00	28.02 -0.28 0.00	27.04 -0.22 0.00	28.34 -0.17 0.00	30.64 -0.12 0.00	37.11 -0.56 0.00	40.48 -0.70 0.00	36.53 -0.52 0.00	31.62 -0.52 0.00	30.11 -0.36 0.00	31.72 -0.42 0.00	31.75 -0.52 0.00	31.95 -0.49 0.00	32.61 -0.60 0.00	36.16 -0.48 0.00	40.67 -0.79 0.00	48.50 -0.59 0.00	58.96 -0.54 0.00	54.45 -0.44 0.00	43.58 -0.53 0.00	38.13 -0.50 0.00	36.22 -0.33 0.00	32.90 -0.16 0.00
SHOEMAKER___GT 23640	35.83 1.38 0.00	30.53 1.14 0.00	29.35 1.05 0.00	28.29 1.04 0.00	29.53 1.02 0.00	31.68 0.92 0.00	39.06 1.39 0.00	42.75 1.56 0.00	38.49 1.44 0.00	33.38 1.25 0.00	31.73 1.25 0.00	33.40 1.25 0.00	33.59 1.32 0.00	33.76 1.33 0.00	34.60 1.39 0.00	38.02 1.39 0.00	43.12 1.66 0.00	50.76 1.67 0.00	61.52 2.02 0.00	56.69 1.81 0.00	45.56 1.45 0.00	40.06 1.43 0.00	37.86 1.31 0.00	34.22 1.16 0.00
SHOEMAKR_138KV_BK 111 55601	35.79 1.34 0.00	30.53 1.15 0.00	29.35 1.05 0.00	28.29 1.04 0.00	29.51 1.00 0.00	31.68 0.92 0.00	39.06 1.39 0.00	42.75 1.56 0.00	38.49 1.44 0.00	33.39 1.25 0.00	31.76 1.28 0.00	33.43 1.29 0.00	33.59 1.32 0.00	33.79 1.36 0.00	34.60 1.39 0.00	38.02 1.39 0.00	43.04 1.58 0.00	50.71 1.62 0.00	61.40 1.90 0.00	56.59 1.70 0.00	45.47 1.37 0.00	39.98 1.35 0.00	37.87 1.32 0.00	34.15 1.09 0.00
SHOREHAM_IC_1 23715	35.72 1.28 0.00	30.41 1.03 0.00	29.26 0.96 0.00	28.15 0.90 0.00	29.39 0.88 0.00	31.44 0.68 0.00	38.87 1.21 0.00	42.17 0.99 0.00	38.53 1.48 0.00	33.48 1.35 0.00	32.24 1.77 0.00	33.91 1.77 0.00	34.14 1.87 0.00	34.31 1.88 0.00	35.37 2.16 -0.01	38.14 1.50 0.00	42.95 1.49 0.00	50.80 1.67 -0.04	60.86 1.37 0.00	56.15 1.26 0.00	44.85 0.75 0.01	39.44 0.81 0.01	37.21 0.66 0.00	33.89 0.83 0.00
SHOREHAM_IC_2 23716	35.72 1.27 0.00	30.41 1.03 0.00	29.26 0.96 0.00	28.15 0.90 0.00	29.39 0.88 0.00	31.44 0.68 0.00	39.03 1.36 0.00	42.17 0.99 0.00	38.53 1.48 0.00	33.48 1.35 0.00	32.27 1.80 0.00	33.91 1.77 0.00	34.14 1.87 0.00	34.38 1.95 0.00	35.37 2.16 -0.01	38.13 1.50 0.00	42.87 1.41 0.00	50.80 1.67 -0.04	60.74 1.25 0.00	55.82 0.93 0.00	44.71 0.62 0.01	39.36 0.73 0.01	37.32 0.77 0.00	33.85 0.79 0.00
SISSONVILLE____ 23735	34.93 0.48 0.00	29.85 0.47 0.00	28.72 0.42 0.00	27.61 0.35 0.00	28.91 0.40 0.00	31.25 0.49 0.00	38.54 0.87 0.00	42.09 0.91 0.00	37.79 0.74 0.00	32.74 0.61 0.00	30.93 0.46 0.00	32.79 0.64 0.00	32.91 0.65 0.00	33.11 0.68 0.00	33.84 0.63 0.00	37.33 0.70 0.00	42.46 1.00 0.00	50.56 1.47 0.00	61.64 2.14 0.00	57.14 2.25 0.00	45.74 1.63 0.00	39.90 1.27 0.00	37.68 1.13 0.00	33.99 0.93 0.00
SITHE_IND_GS1 24169	33.59 -0.86 0.00	28.62 -0.76 0.00	27.59 -0.71 0.00	26.60 -0.65 0.00	27.82 -0.68 0.00	30.02 -0.74 0.00	36.54 -1.13 0.00	39.86 -1.32 0.00	35.86 -1.19 0.00	31.10 -1.03 0.00	29.53 -0.94 0.00	31.11 -1.03 0.00	31.24 -1.03 0.00	31.39 -1.04 0.00	32.11 -1.09 0.00	35.50 -1.14 0.00	40.10 -1.37 0.00	47.52 -1.57 0.00	57.65 -1.84 0.00	53.18 -1.70 0.00	42.69 -1.41 0.00	37.39 -1.24 0.00	35.42 -1.13 0.00	32.07 -0.99 0.00
SITHE_IND_GS2 24170	33.59 -0.86 0.00	28.62 -0.76 0.00	27.59 -0.71 0.00	26.60 -0.65 0.00	27.82 -0.68 0.00	30.02 -0.74 0.00	36.54 -1.13 0.00	39.86 -1.32 0.00	35.86 -1.19 0.00	31.10 -1.03 0.00	29.53 -0.94 0.00	31.11 -1.03 0.00	31.24 -1.03 0.00	31.39 -1.04 0.00	32.11 -1.09 0.00	35.50 -1.14 0.00	40.10 -1.37 0.00	47.52 -1.57 0.00	57.65 -1.84 0.00	53.18 -1.70 0.00	42.69 -1.41 0.00	37.39 -1.24 0.00	35.42 -1.13 0.00	32.07 -0.99 0.00
SITHE_IND_GS3 24171	33.59 -0.86 0.00	28.62 -0.76 0.00	27.59 -0.71 0.00	26.60 -0.65 0.00	27.82 -0.68 0.00	30.02 -0.74 0.00	36.54 -1.13 0.00	39.86 -1.32 0.00	35.86 -1.19 0.00	31.10 -1.03 0.00	29.53 -0.94 0.00	31.11 -1.03 0.00	31.24 -1.03 0.00	31.39 -1.04 0.00	32.11 -1.09 0.00	35.50 -1.14 0.00	40.10 -1.37 0.00	47.52 -1.57 0.00	57.65 -1.84 0.00	53.18 -1.70 0.00	42.69 -1.41 0.00	37.39 -1.24 0.00	35.42 -1.13 0.00	32.07 -0.99 0.00
SITHE_IND_GS4 24172	33.59 -0.86 0.00	28.62 -0.76 0.00	27.59 -0.71 0.00	26.60 -0.65 0.00	27.82 -0.68 0.00	30.02 -0.74 0.00	36.54 -1.13 0.00	39.86 -1.32 0.00	35.86 -1.19 0.00	31.10 -1.03 0.00	29.53 -0.94 0.00	31.11 -1.03 0.00	31.24 -1.03 0.00	31.39 -1.04 0.00	32.11 -1.09 0.00	35.50 -1.14 0.00	40.10 -1.37 0.00	47.52 -1.57 0.00	57.65 -1.84 0.00	53.18 -1.70 0.00	42.69 -1.41 0.00	37.39 -1.24 0.00	35.42 -1.13 0.00	32.07 -0.99 0.00

SITHE___BATAVIA 24024	33.93 -0.52 0.00	28.88 -0.50 0.00	28.07 -0.23 0.00	27.23 -0.03 0.00	28.68 0.17 0.00	30.88 0.12 0.00	36.35 -1.32 0.00	39.49 -1.69 0.00	35.86 -1.19 0.00	31.33 -0.80 0.00	30.14 -0.33 0.00	31.63 -0.52 0.00	31.56 -0.71 0.00	31.75 -0.68 0.00	32.18 -1.03 0.00	35.72 -0.91 0.00	39.47 -1.99 0.00	47.37 -1.72 0.00	57.65 -1.84 0.00	53.13 -1.76 0.00	42.34 -1.77 0.00	37.08 -1.55 0.00	35.85 -0.70 0.00	33.13 0.07 0.00
SITHE___INDEPEND 23800	33.59 -0.86 0.00	28.62 -0.76 0.00	27.59 -0.71 0.00	26.60 -0.65 0.00	27.82 -0.68 0.00	30.02 -0.74 0.00	36.54 -1.13 0.00	39.86 -1.32 0.00	35.86 -1.19 0.00	31.10 -1.03 0.00	29.53 -0.94 0.00	31.11 -1.03 0.00	31.24 -1.03 0.00	31.39 -1.04 0.00	32.11 -1.10 0.00	35.50 -1.14 0.00	40.05 -1.41 0.00	47.47 -1.62 0.00	57.59 -1.90 0.00	53.13 -1.76 0.00	42.69 -1.41 0.00	37.36 -1.27 0.00	35.38 -1.17 0.00	32.07 -0.99 0.00
SITHE___MASSENA 23902	34.79 0.34 0.00	29.70 0.32 0.00	28.58 0.28 0.00	27.50 0.24 0.00	28.76 0.26 0.00	31.13 0.37 0.00	38.27 0.60 0.00	41.80 0.62 0.00	37.60 0.56 0.00	32.68 0.55 0.00	30.96 0.49 0.00	32.79 0.64 0.00	32.88 0.61 0.00	33.05 0.61 0.00	33.74 0.53 0.00	37.22 0.58 0.00	42.25 0.79 0.00	50.17 1.08 0.00	60.98 1.49 0.00	56.37 1.48 0.00	45.16 1.06 0.00	39.40 0.77 0.00	37.24 0.69 0.00	33.69 0.63 0.00
SITHE___OGDNSBRG 24021	35.28 0.83 0.00	30.17 0.79 0.00	29.04 0.74 0.00	27.88 0.63 0.00	29.19 0.68 0.00	31.59 0.83 0.00	38.95 1.28 0.00	42.50 1.32 0.00	38.08 1.04 0.00	32.94 0.80 0.00	31.05 0.58 0.00	32.91 0.77 0.00	33.04 0.77 0.00	33.21 0.78 0.00	33.90 0.70 0.00	37.48 0.84 0.00	42.71 1.24 0.00	50.90 1.82 0.00	62.17 2.68 0.00	57.63 2.74 0.00	46.13 2.03 0.00	40.25 1.62 0.00	37.97 1.43 0.00	34.25 1.19 0.00
SITHE___STERLING 23777	35.03 0.59 0.00	29.91 0.53 0.00	28.81 0.51 0.00	27.72 0.46 0.00	29.05 0.54 0.00	31.31 0.55 0.00	38.31 0.64 0.00	41.88 0.70 0.00	37.57 0.52 0.00	32.36 0.23 0.00	30.60 0.12 0.00	32.27 0.13 0.00	32.40 0.13 0.00	32.59 0.16 0.00	33.41 0.20 0.00	37.00 0.37 0.00	42.00 0.54 0.00	49.83 0.74 0.00	60.57 1.07 0.00	56.04 1.15 0.00	44.99 0.88 0.00	39.40 0.77 0.00	37.24 0.69 0.00	33.62 0.56 0.00
SLEIGHT__34_KV_TB1 80719	33.83 -0.62 0.00	28.76 -0.62 0.00	27.82 -0.48 0.00	26.85 -0.41 0.00	28.14 -0.37 0.00	30.42 -0.34 0.00	36.65 -1.02 0.00	40.11 -1.07 0.00	36.23 -0.82 0.00	31.46 -0.67 0.00	29.99 -0.49 0.00	31.60 -0.55 0.00	31.62 -0.65 0.00	31.78 -0.65 0.00	32.44 -0.76 0.00	35.97 -0.66 0.00	40.34 -1.12 0.00	47.86 -1.23 0.00	58.36 -1.13 0.00	53.84 -1.04 0.00	43.13 -0.97 0.00	37.63 -1.00 0.00	35.78 -0.77 0.00	32.63 -0.43 0.00
SMITHTWN_69_KV_BK 1 55830	36.10 1.65 0.00	30.73 1.35 0.00	29.57 1.27 0.00	28.45 1.20 0.00	29.71 1.20 0.00	31.77 1.02 0.00	39.40 1.73 0.00	42.54 1.36 0.00	38.94 1.89 0.00	33.87 1.74 0.00	32.64 2.16 0.00	34.33 2.19 0.00	34.56 2.29 0.00	34.80 2.37 0.00	35.77 2.56 -0.01	38.54 1.90 0.00	43.25 1.78 0.00	51.25 2.11 -0.05	61.10 1.61 0.00	56.20 1.32 0.00	45.15 1.06 0.01	39.78 1.16 0.01	37.76 1.21 0.00	34.28 1.22 0.00
SOUTH CAIRO___GT 23612	35.72 1.27 0.00	30.47 1.09 0.00	29.35 1.05 0.00	28.26 1.01 0.00	29.51 1.00 0.00	31.81 1.05 0.00	39.21 1.54 0.00	42.75 1.56 0.00	38.08 1.04 0.00	32.81 0.67 0.00	30.81 0.34 0.00	32.37 0.23 0.00	32.59 0.32 0.00	32.82 0.39 0.00	33.77 0.56 0.00	37.33 0.70 0.00	42.67 1.20 0.00	50.71 1.62 0.00	61.87 2.38 0.00	56.92 2.03 0.00	45.56 1.46 0.00	39.87 1.24 0.00	37.61 1.06 0.00	33.99 0.93 0.00
SOUTH HAMPTN___IC 23720	36.10 1.65 0.00	30.70 1.32 0.00	29.60 1.30 0.00	28.48 1.23 0.00	29.76 1.25 0.00	31.84 1.08 0.00	39.37 1.70 0.00	42.71 1.52 0.00	39.01 1.96 0.00	33.90 1.77 0.00	32.67 2.20 0.00	34.36 2.22 0.00	34.56 2.29 0.00	34.70 2.27 0.00	35.77 2.56 -0.01	38.54 1.90 0.00	43.37 1.91 0.00	51.29 2.16 -0.04	61.46 1.96 0.00	56.64 1.76 0.00	45.20 1.10 0.01	39.74 1.12 0.01	37.39 0.84 0.00	34.12 1.06 0.00
SOUTHDOW_115KV_TB1 355954	32.79 -1.65 0.00	27.97 -1.41 0.00	27.17 -1.13 0.00	26.49 -0.76 0.00	27.91 -0.60 0.00	30.18 -0.58 0.00	35.71 -1.96 0.00	39.29 -1.89 0.00	35.71 -1.33 0.00	31.26 -0.87 0.00	30.29 -0.18 0.00	31.95 -0.19 0.00	31.79 -0.48 0.00	31.85 -0.58 0.00	32.21 -1.00 0.00	35.90 -0.73 0.00	39.60 -1.87 0.00	47.27 -1.82 0.00	57.83 -1.67 0.00	53.24 -1.65 0.00	42.47 -1.63 0.00	36.97 -1.66 0.00	35.64 -0.91 0.00	32.99 -0.07 0.00
SOUTHOLD_69_KV_BK 2 55809	36.38 1.93 0.00	30.97 1.59 0.00	29.86 1.56 0.00	28.78 1.53 0.00	30.08 1.57 0.00	32.21 1.45 0.00	39.93 2.26 0.00	43.20 2.02 0.00	39.49 2.45 0.00	34.28 2.15 0.00	33.13 2.65 0.00	34.71 2.57 0.00	34.88 2.61 0.00	35.09 2.66 0.00	36.07 2.86 -0.01	38.83 2.20 0.00	43.54 2.07 0.00	51.63 2.50 -0.04	61.70 2.20 0.00	56.64 1.76 0.00	45.20 1.10 0.01	39.70 1.08 0.01	37.50 0.95 0.00	34.09 1.02 0.00
SOUTHOLD___IC 23719	36.38 1.93 0.00	30.97 1.59 0.00	29.86 1.56 0.00	28.78 1.53 0.00	30.07 1.57 0.00	32.21 1.45 0.00	39.82 2.15 0.00	43.20 2.02 0.00	39.45 2.41 0.00	34.29 2.15 0.00	33.06 2.59 0.00	34.72 2.57 0.00	34.88 2.61 0.00	35.03 2.60 0.00	36.07 2.86 -0.01	38.83 2.20 0.00	43.66 2.20 0.00	51.63 2.50 -0.04	61.81 2.32 0.00	56.97 2.09 0.00	45.33 1.23 0.01	39.78 1.16 0.01	37.35 0.80 0.00	34.15 1.09 0.00
SOUTH_FORK_WT_PWR 323839	36.31 1.86 0.00	30.91 1.53 0.00	29.83 1.53 0.00	28.78 1.53 0.00	30.10 1.60 0.00	32.21 1.45 0.00	39.82 2.15 0.00	43.24 2.06 0.00	39.49 2.44 0.00	34.25 2.12 0.00	33.06 2.59 0.00	34.68 2.54 0.00	34.79 2.52 0.00	34.89 2.46 0.00	35.94 2.72 -0.01	38.68 2.05 0.00	43.37 1.91 0.00	51.34 2.21 -0.04	61.46 1.96 0.00	56.53 1.65 0.00	44.93 0.84 0.01	39.43 0.81 0.01	37.02 0.47 0.00	33.89 0.83 0.00
SPIERFLS_115KV_TB 1 80737	35.45 1.00 0.00	30.29 0.91 0.00	29.15 0.85 0.00	28.02 0.76 0.00	29.31 0.80 0.00	31.59 0.83 0.00	38.80 1.13 0.00	42.50 1.32 0.00	37.90 0.85 0.00	32.74 0.61 0.00	30.75 0.27 0.00	32.37 0.23 0.00	32.53 0.26 0.00	32.69 0.26 0.00	33.67 0.46 0.00	37.11 0.48 0.00	42.38 0.91 0.00	50.32 1.23 0.00	61.22 1.73 0.00	56.26 1.37 0.00	45.25 1.15 0.00	39.60 0.97 0.00	37.43 0.88 0.00	33.89 0.83 0.00
ST LAWRENCE____ 23600	34.35 -0.10 0.00	29.32 -0.06 0.00	28.22 -0.08 0.00	27.17 -0.08 0.00	28.42 -0.09 0.00	30.73 -0.03 0.00	37.74 0.08 0.00	41.31 0.12 0.00	37.20 0.15 0.00	32.33 0.19 0.00	30.63 0.15 0.00	32.37 0.23 0.00	32.50 0.23 0.00	32.66 0.23 0.00	33.37 0.17 0.00	36.82 0.18 0.00	41.71 0.25 0.00	49.48 0.39 0.00	60.03 0.53 0.00	55.44 0.55 0.00	44.46 0.35 0.00	38.86 0.23 0.00	36.73 0.18 0.00	33.23 0.17 0.00

STATE_CA_115KV_115_LB 55624	35.00 0.55 0.00	29.91 0.53 0.00	28.78 0.48 0.00	27.66 0.41 0.00	28.91 0.40 0.00	31.16 0.40 0.00	38.38 0.72 0.00	42.05 0.86 0.00	37.71 0.67 0.00	32.68 0.55 0.00	30.87 0.40 0.00	32.46 0.32 0.00	32.62 0.35 0.00	32.79 0.36 0.00	33.70 0.50 0.00	37.11 0.48 0.00	42.17 0.70 0.00	49.82 0.74 0.00	60.27 0.77 0.00	55.49 0.60 0.00	44.63 0.53 0.00	39.17 0.54 0.00	36.99 0.44 0.00	33.39 0.33 0.00
STATE_ST_34_KV_LOAD 55959	34.35 -0.10 0.00	29.23 -0.15 0.00	28.19 -0.11 0.00	27.17 -0.08 0.00	28.48 -0.03 0.00	30.76 0.00 0.00	37.37 -0.30 0.00	40.85 -0.33 0.00	36.75 -0.30 0.00	31.81 -0.32 0.00	30.23 -0.24 0.00	31.89 -0.26 0.00	31.95 -0.32 0.00	32.11 -0.32 0.00	32.84 -0.37 0.00	36.38 -0.26 0.00	41.09 -0.37 0.00	48.79 -0.29 0.00	59.38 -0.12 0.00	54.89 0.00 0.00	43.97 -0.13 0.00	38.44 -0.19 0.00	36.37 -0.18 0.00	32.99 -0.07 0.00
STATION_5_MISC_HYD 23604	33.93 -0.52 0.00	28.88 -0.50 0.00	27.96 -0.34 0.00	27.01 -0.25 0.00	28.37 -0.14 0.00	30.61 -0.15 0.00	36.69 -0.98 0.00	40.03 -1.15 0.00	36.23 -0.82 0.00	31.55 -0.58 0.00	30.17 -0.30 0.00	31.76 -0.38 0.00	31.79 -0.48 0.00	31.98 -0.45 0.00	32.57 -0.63 0.00	36.05 -0.59 0.00	40.26 -1.20 0.00	48.01 -1.08 0.00	58.36 -1.13 0.00	53.79 -1.10 0.00	43.00 -1.10 0.00	37.63 -1.00 0.00	36.04 -0.51 0.00	32.83 -0.23 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	33.97 -0.48 0.00	28.91 -0.47 0.00	27.96 -0.34 0.00	27.01 -0.25 0.00	28.31 -0.20 0.00	30.61 -0.15 0.00	36.80 -0.87 0.00	40.24 -0.95 0.00	36.38 -0.67 0.00	31.62 -0.51 0.00	30.14 -0.34 0.00	31.73 -0.42 0.00	31.79 -0.48 0.00	31.94 -0.49 0.00	32.61 -0.60 0.00	36.12 -0.51 0.00	40.47 -1.00 0.00	48.06 -1.03 0.00	58.60 -0.89 0.00	54.06 -0.82 0.00	43.31 -0.79 0.00	37.78 -0.85 0.00	35.96 -0.58 0.00	32.83 -0.23 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	33.76 -0.69 0.00	28.73 -0.65 0.00	27.79 -0.51 0.00	26.85 -0.41 0.00	28.19 -0.31 0.00	30.42 -0.34 0.00	36.43 -1.24 0.00	39.86 -1.32 0.00	36.08 -0.96 0.00	31.43 -0.71 0.00	30.02 -0.46 0.00	31.60 -0.55 0.00	31.62 -0.65 0.00	31.78 -0.65 0.00	32.41 -0.80 0.00	35.90 -0.73 0.00	40.10 -1.37 0.00	47.57 -1.52 0.00	58.01 -1.49 0.00	53.46 -1.43 0.00	42.82 -1.28 0.00	37.36 -1.27 0.00	35.64 -0.91 0.00	32.63 -0.43 0.00
STA_56___34_KV_BUS2 355983	33.76 -0.69 0.00	28.73 -0.65 0.00	27.79 -0.51 0.00	26.85 -0.41 0.00	28.19 -0.31 0.00	30.42 -0.34 0.00	36.43 -1.24 0.00	39.86 -1.32 0.00	36.08 -0.96 0.00	31.43 -0.71 0.00	30.02 -0.46 0.00	31.60 -0.55 0.00	31.62 -0.65 0.00	31.78 -0.65 0.00	32.41 -0.80 0.00	35.90 -0.73 0.00	40.10 -1.37 0.00	47.57 -1.52 0.00	58.01 -1.49 0.00	53.46 -1.43 0.00	42.82 -1.28 0.00	37.36 -1.27 0.00	35.64 -0.91 0.00	32.63 -0.43 0.00
STA_67___115KV_BK2 355882	33.90 -0.55 0.00	28.82 -0.56 0.00	27.90 -0.40 0.00	26.95 -0.30 0.00	28.31 -0.20 0.00	30.54 -0.22 0.00	36.54 -1.13 0.00	39.95 -1.24 0.00	36.16 -0.89 0.00	31.49 -0.64 0.00	30.11 -0.37 0.00	31.69 -0.45 0.00	31.72 -0.55 0.00	31.88 -0.55 0.00	32.51 -0.70 0.00	35.97 -0.66 0.00	40.14 -1.33 0.00	47.62 -1.47 0.00	58.07 -1.43 0.00	53.57 -1.32 0.00	42.91 -1.19 0.00	37.43 -1.20 0.00	35.75 -0.80 0.00	32.76 -0.30 0.00
STA_7___115KV_9TRANS 80674	34.07 -0.38 0.00	28.97 -0.41 0.00	28.05 -0.25 0.00	27.09 -0.16 0.00	28.45 -0.06 0.00	30.70 -0.06 0.00	36.73 -0.94 0.00	40.32 -0.86 0.00	36.49 -0.56 0.00	31.81 -0.32 0.00	30.38 -0.09 0.00	31.98 -0.16 0.00	32.01 -0.26 0.00	32.17 -0.26 0.00	32.81 -0.40 0.00	36.23 -0.40 0.00	40.43 -1.04 0.00	48.01 -1.08 0.00	58.54 -0.95 0.00	54.01 -0.88 0.00	43.22 -0.88 0.00	37.70 -0.93 0.00	36.00 -0.55 0.00	32.96 -0.10 0.00
STA_82___115KV_TB1 80780	33.90 -0.55 0.00	28.82 -0.56 0.00	27.90 -0.40 0.00	26.98 -0.27 0.00	28.31 -0.20 0.00	30.54 -0.22 0.00	36.54 -1.13 0.00	39.99 -1.19 0.00	36.20 -0.85 0.00	31.52 -0.61 0.00	30.11 -0.37 0.00	31.69 -0.45 0.00	31.72 -0.55 0.00	31.88 -0.55 0.00	32.51 -0.70 0.00	35.97 -0.66 0.00	40.14 -1.33 0.00	47.66 -1.42 0.00	58.07 -1.43 0.00	53.57 -1.32 0.00	42.91 -1.19 0.00	37.43 -1.20 0.00	35.75 -0.80 0.00	32.76 -0.30 0.00
STEEL___WIND 323596	33.03 -1.41 0.00	28.09 -1.29 0.00	27.34 -0.96 0.00	26.63 -0.63 0.00	28.02 -0.48 0.00	30.21 -0.55 0.00	35.63 -2.03 0.00	38.67 -2.51 0.00	35.16 -1.89 0.00	30.75 -1.38 0.00	29.80 -0.67 0.00	31.31 -0.84 0.00	31.24 -1.03 0.00	31.36 -1.07 0.00	31.68 -1.53 0.00	35.17 -1.47 0.00	38.73 -2.74 0.00	46.53 -2.55 0.00	56.40 -3.10 0.00	51.87 -3.02 0.00	41.33 -2.78 0.00	36.27 -2.36 0.00	35.24 -1.31 0.00	32.47 -0.59 0.00
STEPHTWN_115KV_BK_2 55603	35.17 0.72 0.00	30.03 0.65 0.00	28.89 0.59 0.00	27.80 0.55 0.00	29.05 0.54 0.00	31.31 0.55 0.00	38.61 0.94 0.00	42.29 1.11 0.00	37.90 0.85 0.00	32.81 0.67 0.00	30.96 0.49 0.00	32.56 0.42 0.00	32.72 0.45 0.00	32.89 0.45 0.00	33.80 0.60 0.00	37.26 0.62 0.00	42.33 0.87 0.00	50.07 0.98 0.00	60.63 1.13 0.00	55.76 0.88 0.00	44.90 0.79 0.00	39.36 0.73 0.00	37.21 0.66 0.00	33.56 0.50 0.00
STEUBEN_REC_LFGE 323667	32.83 -1.62 0.00	27.97 -1.41 0.00	27.22 -1.08 0.00	26.44 -0.82 0.00	27.82 -0.68 0.00	30.14 -0.62 0.00	35.97 -1.70 0.00	39.45 -1.73 0.00	35.68 -1.37 0.00	30.98 -1.16 0.00	29.77 -0.70 0.00	31.34 -0.80 0.00	31.33 -0.94 0.00	31.43 -1.01 0.00	32.01 -1.20 0.00	35.61 -1.03 0.00	39.81 -1.66 0.00	47.71 -1.37 0.00	58.36 -1.13 0.00	53.84 -1.04 0.00	42.96 -1.15 0.00	37.43 -1.20 0.00	35.71 -0.84 0.00	32.83 -0.23 0.00
STILLWATER___SOLAR 323814	35.72 1.28 0.00	30.50 1.12 0.00	29.35 1.05 0.00	28.21 0.95 0.00	29.51 1.00 0.00	31.81 1.05 0.00	39.10 1.43 0.00	42.87 1.69 0.00	38.31 1.26 0.00	33.06 0.93 0.00	31.12 0.64 0.00	32.75 0.61 0.00	32.91 0.65 0.00	33.08 0.65 0.00	34.04 0.83 0.00	37.55 0.92 0.00	42.79 1.33 0.00	50.71 1.62 0.00	61.63 2.14 0.00	56.69 1.81 0.00	45.65 1.54 0.00	39.98 1.35 0.00	37.75 1.20 0.00	34.19 1.12 0.00
STONY___BROOK 24151	36.10 1.65 0.00	30.70 1.32 0.00	29.57 1.27 0.00	28.45 1.20 0.00	29.71 1.20 0.00	31.77 1.01 0.00	39.25 1.58 0.00	42.54 1.36 0.00	38.90 1.85 0.00	33.87 1.73 0.00	32.58 2.10 0.00	34.30 2.15 0.00	34.53 2.26 0.00	34.70 2.27 0.00	35.77 2.56 -0.01	38.54 1.90 0.00	43.37 1.91 0.00	51.24 2.11 -0.05	61.10 1.61 0.00	56.53 1.65 0.00	45.33 1.23 0.01	39.86 1.24 0.01	37.64 1.10 0.00	34.32 1.26 0.00
STURGEON_POOL_HYD 23609	35.93 1.48 0.00	30.61 1.23 0.00	29.46 1.16 0.00	28.40 1.14 0.00	29.59 1.08 0.00	31.77 1.02 0.00	39.25 1.58 0.00	42.87 1.69 0.00	38.64 1.59 0.00	33.51 1.38 0.00	31.85 1.37 0.00	33.53 1.38 0.00	33.75 1.48 0.00	33.96 1.52 0.00	34.80 1.59 0.00	38.24 1.61 0.00	43.21 1.74 0.00	50.90 1.82 0.00	61.64 2.14 0.00	56.81 1.92 0.00	45.60 1.50 0.00	40.14 1.51 0.00	37.97 1.43 0.00	34.28 1.22 0.00

ST_LAW_115_BK7_LBMP 345037	34.38 -0.07 0.00	29.32 -0.06 0.00	28.24 -0.06 0.00	27.17 -0.08 0.00	28.42 -0.09 0.00	30.73 -0.03 0.00	37.78 0.11 0.00	41.31 0.12 0.00	37.20 0.15 0.00	32.33 0.19 0.00	30.63 0.15 0.00	32.40 0.26 0.00	32.53 0.26 0.00	32.66 0.23 0.00	33.41 0.20 0.00	36.82 0.18 0.00	41.76 0.29 0.00	49.53 0.44 0.00	60.09 0.59 0.00	55.49 0.60 0.00	44.54 0.44 0.00	38.90 0.27 0.00	36.77 0.22 0.00	33.23 0.17 0.00
ST_LAW_115_BK8_LBMP 345038	34.38 -0.07 0.00	29.32 -0.06 0.00	28.24 -0.06 0.00	27.17 -0.08 0.00	28.42 -0.09 0.00	30.73 -0.03 0.00	37.78 0.11 0.00	41.31 0.12 0.00	37.20 0.15 0.00	32.33 0.19 0.00	30.63 0.15 0.00	32.40 0.26 0.00	32.53 0.26 0.00	32.66 0.23 0.00	33.41 0.20 0.00	36.82 0.18 0.00	41.76 0.29 0.00	49.53 0.44 0.00	60.09 0.59 0.00	55.49 0.60 0.00	44.54 0.44 0.00	38.90 0.27 0.00	36.77 0.22 0.00	33.23 0.17 0.00
ST_LAW_230_BK5_LBMP 345035	34.35 -0.10 0.00	29.32 -0.06 0.00	28.22 -0.08 0.00	27.17 -0.08 0.00	28.42 -0.09 0.00	30.73 -0.03 0.00	37.74 0.08 0.00	41.31 0.12 0.00	37.20 0.15 0.00	32.33 0.19 0.00	30.63 0.15 0.00	32.37 0.23 0.00	32.50 0.23 0.00	32.66 0.23 0.00	33.37 0.17 0.00	36.82 0.18 0.00	41.71 0.25 0.00	49.48 0.39 0.00	60.03 0.53 0.00	55.44 0.55 0.00	44.46 0.35 0.00	38.86 0.23 0.00	36.73 0.18 0.00	33.23 0.17 0.00
ST_LAW_230_BK6_LBMP 345036	34.35 -0.10 0.00	29.32 -0.06 0.00	28.22 -0.08 0.00	27.17 -0.08 0.00	28.42 -0.09 0.00	30.73 -0.03 0.00	37.74 0.08 0.00	41.31 0.12 0.00	37.20 0.15 0.00	32.33 0.19 0.00	30.63 0.15 0.00	32.37 0.23 0.00	32.50 0.23 0.00	32.66 0.23 0.00	33.37 0.17 0.00	36.82 0.18 0.00	41.71 0.25 0.00	49.48 0.39 0.00	60.03 0.53 0.00	55.44 0.55 0.00	44.46 0.35 0.00	38.86 0.23 0.00	36.73 0.18 0.00	33.23 0.17 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	35.90 1.45 0.00	30.58 1.20 0.00	29.40 1.10 0.00	28.34 1.09 0.00	29.56 1.05 0.00	31.71 0.95 0.00	39.14 1.47 0.00	42.83 1.65 0.00	38.60 1.56 0.00	33.51 1.38 0.00	31.88 1.40 0.00	33.56 1.41 0.00	33.72 1.45 0.00	33.92 1.49 0.00	34.73 1.53 0.00	38.17 1.54 0.00	43.12 1.66 0.00	50.81 1.72 0.00	61.46 1.96 0.00	56.64 1.76 0.00	45.52 1.41 0.00	40.06 1.43 0.00	37.94 1.39 0.00	34.22 1.16 0.00
SWANROAD_115KV_TB1 355699	33.00 -1.45 0.00	28.12 -1.26 0.00	27.34 -0.96 0.00	26.65 -0.60 0.00	28.02 -0.48 0.00	30.11 -0.65 0.00	34.58 -3.09 0.00	37.76 -3.42 0.00	34.42 -2.63 0.00	30.14 -1.99 0.00	29.20 -1.28 0.00	30.66 -1.48 0.00	30.56 -1.71 0.00	30.58 -1.85 0.00	31.01 -2.19 0.00	34.32 -2.31 0.00	37.69 -3.77 0.00	44.67 -4.42 0.00	54.44 -5.06 0.00	50.17 -4.72 0.00	40.18 -3.93 0.00	35.11 -3.52 0.00	34.03 -2.52 0.00	32.23 -0.83 0.00
SYNERGY___BIOGAS 323694	33.93 -0.52 0.00	28.88 -0.50 0.00	28.07 -0.23 0.00	27.23 -0.03 0.00	28.65 0.14 0.00	30.88 0.12 0.00	36.09 -1.58 0.00	39.49 -1.69 0.00	35.86 -1.19 0.00	31.33 -0.80 0.00	30.11 -0.37 0.00	31.63 -0.51 0.00	31.56 -0.71 0.00	31.69 -0.75 0.00	32.18 -1.03 0.00	35.72 -0.92 0.00	39.43 -2.03 0.00	46.93 -2.16 0.00	57.41 -2.08 0.00	52.97 -1.92 0.00	42.34 -1.76 0.00	36.85 -1.78 0.00	35.53 -1.02 0.00	33.13 0.07 0.00
SYRACUSE___ENERGY_ST1 323597	34.24 -0.21 0.00	29.17 -0.21 0.00	28.13 -0.17 0.00	27.09 -0.16 0.00	28.37 -0.14 0.00	30.64 -0.12 0.00	37.25 -0.41 0.00	40.69 -0.49 0.00	36.64 -0.41 0.00	31.71 -0.42 0.00	30.14 -0.34 0.00	31.79 -0.35 0.00	31.88 -0.39 0.00	32.01 -0.42 0.00	32.77 -0.43 0.00	36.27 -0.37 0.00	40.92 -0.54 0.00	48.50 -0.59 0.00	58.90 -0.59 0.00	54.45 -0.44 0.00	43.71 -0.40 0.00	38.21 -0.42 0.00	36.18 -0.37 0.00	32.80 -0.26 0.00
SYRACUSE___ENERGY_ST2 323598	34.24 -0.21 0.00	29.17 -0.21 0.00	28.13 -0.17 0.00	27.09 -0.16 0.00	28.37 -0.14 0.00	30.64 -0.12 0.00	37.25 -0.41 0.00	40.69 -0.49 0.00	36.64 -0.41 0.00	31.71 -0.42 0.00	30.14 -0.34 0.00	31.79 -0.35 0.00	31.88 -0.39 0.00	32.01 -0.42 0.00	32.77 -0.43 0.00	36.27 -0.37 0.00	40.92 -0.54 0.00	48.50 -0.59 0.00	58.90 -0.59 0.00	54.45 -0.44 0.00	43.71 -0.40 0.00	38.21 -0.42 0.00	36.18 -0.37 0.00	32.80 -0.26 0.00
SYRACUSE___POWER 24017	34.17 -0.28 0.00	29.12 -0.26 0.00	28.07 -0.23 0.00	27.06 -0.19 0.00	28.31 -0.20 0.00	30.58 -0.18 0.00	37.18 -0.49 0.00	40.65 -0.54 0.00	36.57 -0.48 0.00	31.65 -0.48 0.00	30.08 -0.40 0.00	31.73 -0.42 0.00	31.82 -0.45 0.00	31.98 -0.45 0.00	32.71 -0.50 0.00	36.19 -0.44 0.00	40.88 -0.58 0.00	48.40 -0.69 0.00	58.78 -0.71 0.00	54.28 -0.60 0.00	43.57 -0.53 0.00	38.17 -0.46 0.00	36.11 -0.44 0.00	32.76 -0.30 0.00
TALLMAN__138KV_BK151 55660	35.96 1.52 0.00	30.67 1.29 0.00	29.46 1.16 0.00	28.40 1.14 0.00	29.62 1.11 0.00	31.77 1.02 0.00	39.25 1.58 0.00	42.91 1.73 0.00	38.75 1.70 0.00	33.64 1.51 0.00	32.03 1.55 0.00	33.72 1.58 0.00	33.88 1.61 0.00	34.09 1.65 0.00	34.90 1.69 0.00	38.28 1.65 0.00	43.25 1.78 0.00	50.86 1.77 0.00	61.58 2.08 0.00	56.70 1.81 0.00	45.56 1.46 0.00	40.18 1.55 0.00	38.01 1.46 0.00	34.28 1.22 0.00
TEALLAVE_115KV_TB7 355573	34.10 -0.34 0.00	29.06 -0.32 0.00	28.02 -0.28 0.00	26.98 -0.27 0.00	28.25 -0.26 0.00	30.51 -0.25 0.00	37.10 -0.57 0.00	40.52 -0.66 0.00	36.45 -0.59 0.00	31.59 -0.55 0.00	29.99 -0.49 0.00	31.63 -0.51 0.00	31.72 -0.55 0.00	31.88 -0.55 0.00	32.64 -0.56 0.00	36.08 -0.55 0.00	40.72 -0.75 0.00	48.20 -0.88 0.00	58.54 -0.95 0.00	54.06 -0.82 0.00	43.40 -0.71 0.00	38.01 -0.62 0.00	36.00 -0.55 0.00	32.63 -0.43 0.00
TELGRAPH_34_KV_EAST 80808	33.48 -0.96 0.00	28.50 -0.88 0.00	27.71 -0.59 0.00	26.95 -0.30 0.00	28.34 -0.17 0.00	30.51 -0.25 0.00	35.45 -2.22 0.00	38.79 -2.39 0.00	35.27 -1.78 0.00	30.85 -1.29 0.00	29.77 -0.70 0.00	31.28 -0.87 0.00	31.20 -1.06 0.00	31.26 -1.17 0.00	31.71 -1.49 0.00	35.17 -1.47 0.00	38.73 -2.74 0.00	46.00 -3.09 0.00	56.16 -3.33 0.00	51.76 -3.13 0.00	41.41 -2.69 0.00	36.12 -2.51 0.00	34.90 -1.64 0.00	32.70 -0.36 0.00
TEMPLE___115KV_TB 2 55572	34.10 -0.34 0.00	29.06 -0.32 0.00	28.02 -0.28 0.00	27.01 -0.25 0.00	28.25 -0.26 0.00	30.51 -0.25 0.00	37.10 -0.57 0.00	40.52 -0.66 0.00	36.49 -0.56 0.00	31.59 -0.55 0.00	30.02 -0.46 0.00	31.66 -0.48 0.00	31.75 -0.52 0.00	31.91 -0.52 0.00	32.64 -0.56 0.00	36.08 -0.55 0.00	40.76 -0.70 0.00	48.25 -0.83 0.00	58.54 -0.95 0.00	54.06 -0.82 0.00	43.44 -0.66 0.00	38.01 -0.62 0.00	36.00 -0.55 0.00	32.66 -0.40 0.00
TIANA____69_KV_BK 1 55817	36.03 1.58 0.00	30.67 1.29 0.00	29.55 1.25 0.00	28.43 1.17 0.00	29.71 1.20 0.00	31.74 0.98 0.00	39.40 1.73 0.00	42.58 1.40 0.00	38.94 1.89 0.00	33.84 1.70 0.00	32.64 2.16 0.00	34.30 2.15 0.00	34.50 2.23 0.00	34.73 2.30 0.00	35.71 2.49 -0.01	38.50 1.87 0.00	43.25 1.78 0.00	51.24 2.11 -0.04	61.28 1.78 0.00	56.31 1.43 0.00	45.07 0.97 0.01	39.67 1.04 0.01	37.57 1.02 0.00	34.09 1.02 0.00

TILDEN___115KV_TB1 80814	34.17 -0.28 0.00	29.12 -0.26 0.00	28.07 -0.23 0.00	27.06 -0.19 0.00	28.31 -0.20 0.00	30.58 -0.18 0.00	37.18 -0.49 0.00	40.65 -0.54 0.00	36.57 -0.48 0.00	31.65 -0.48 0.00	30.08 -0.40 0.00	31.73 -0.42 0.00	31.82 -0.45 0.00	31.98 -0.45 0.00	32.71 -0.50 0.00	36.19 -0.44 0.00	40.88 -0.58 0.00	48.40 -0.69 0.00	58.78 -0.71 0.00	54.28 -0.60 0.00	43.57 -0.53 0.00	38.17 -0.46 0.00	36.11 -0.44 0.00	32.76 -0.30 0.00
TRIGEN___CC 323695	35.96 1.52 0.00	30.61 1.23 0.00	29.46 1.16 0.00	28.34 1.09 0.00	29.59 1.08 0.00	31.68 0.92 0.00	39.18 1.51 0.00	42.46 1.28 0.00	38.75 1.70 0.00	33.74 1.61 0.00	32.40 1.92 0.00	34.07 1.93 0.00	34.30 2.03 0.00	34.51 2.08 0.00	35.41 2.19 -0.02	38.32 1.69 0.00	43.12 1.66 0.00	50.81 1.72 0.00	61.10 1.61 0.00	56.20 1.32 0.00	45.11 1.01 0.01	39.78 1.16 0.01	37.72 1.17 0.00	34.18 1.12 0.00
TRINITY___115KV__4 BK 55933	34.90 0.45 0.00	29.82 0.44 0.00	28.70 0.40 0.00	27.61 0.35 0.00	28.85 0.34 0.00	31.10 0.34 0.00	38.31 0.64 0.00	41.96 0.78 0.00	37.64 0.59 0.00	32.61 0.48 0.00	30.81 0.34 0.00	32.43 0.29 0.00	32.56 0.29 0.00	32.76 0.32 0.00	33.64 0.43 0.00	37.04 0.40 0.00	42.04 0.58 0.00	49.68 0.59 0.00	60.09 0.59 0.00	55.33 0.44 0.00	44.55 0.44 0.00	39.09 0.46 0.00	36.91 0.37 0.00	33.32 0.26 0.00
UNION___PROCESSING_DRP 323587	33.90 -0.55 0.00	28.82 -0.56 0.00	27.90 -0.40 0.00	26.98 -0.27 0.00	28.31 -0.20 0.00	30.58 -0.18 0.00	36.54 -1.13 0.00	39.99 -1.19 0.00	36.20 -0.85 0.00	31.52 -0.61 0.00	30.11 -0.37 0.00	31.69 -0.45 0.00	31.72 -0.55 0.00	31.88 -0.55 0.00	32.51 -0.70 0.00	36.01 -0.62 0.00	40.18 -1.29 0.00	47.66 -1.42 0.00	58.13 -1.37 0.00	53.57 -1.32 0.00	42.91 -1.19 0.00	37.47 -1.16 0.00	35.75 -0.80 0.00	32.76 -0.30 0.00
UPPER HUDSON___HYD 24058	35.45 1.00 0.00	30.29 0.91 0.00	29.15 0.85 0.00	28.02 0.76 0.00	29.30 0.80 0.00	31.59 0.83 0.00	38.76 1.09 0.00	42.50 1.32 0.00	37.90 0.85 0.00	32.74 0.61 0.00	30.75 0.27 0.00	32.37 0.23 0.00	32.53 0.26 0.00	32.66 0.23 0.00	33.67 0.46 0.00	37.11 0.47 0.00	42.42 0.95 0.00	50.32 1.23 0.00	61.28 1.78 0.00	56.31 1.42 0.00	45.30 1.19 0.00	39.60 0.97 0.00	37.43 0.88 0.00	33.92 0.86 0.00
UPPER RAQUET___HYD 24056	34.93 0.48 0.00	29.85 0.47 0.00	28.73 0.43 0.00	27.61 0.35 0.00	28.91 0.40 0.00	31.25 0.49 0.00	38.54 0.87 0.00	42.09 0.90 0.00	37.79 0.74 0.00	32.74 0.61 0.00	30.93 0.46 0.00	32.79 0.64 0.00	32.91 0.65 0.00	33.11 0.68 0.00	33.84 0.63 0.00	37.33 0.69 0.00	42.46 0.99 0.00	50.56 1.47 0.00	61.70 2.20 0.00	57.14 2.25 0.00	45.74 1.63 0.00	39.90 1.27 0.00	37.68 1.13 0.00	33.98 0.92 0.00
VALLEY44_115KV_TB2 355964	32.76 -1.69 0.00	27.88 -1.50 0.00	27.03 -1.27 0.00	26.35 -0.90 0.00	27.68 -0.83 0.00	29.81 -0.95 0.00	35.30 -2.37 0.00	38.67 -2.51 0.00	35.01 -2.04 0.00	30.56 -1.57 0.00	29.59 -0.88 0.00	31.08 -1.06 0.00	30.91 -1.36 0.00	30.94 -1.49 0.00	31.31 -1.89 0.00	34.73 -1.90 0.00	38.48 -2.99 0.00	45.90 -3.19 0.00	56.04 -3.45 0.00	51.65 -3.24 0.00	41.28 -2.82 0.00	36.04 -2.59 0.00	34.61 -1.94 0.00	32.07 -0.99 0.00
VALLEY___115KV_TB 1-4 80826	35.10 0.65 0.00	29.97 0.59 0.00	28.87 0.57 0.00	27.77 0.52 0.00	29.08 0.57 0.00	31.34 0.58 0.00	38.38 0.72 0.00	41.96 0.78 0.00	37.68 0.63 0.00	32.65 0.51 0.00	30.96 0.49 0.00	32.66 0.51 0.00	32.79 0.52 0.00	32.95 0.52 0.00	33.77 0.56 0.00	37.29 0.66 0.00	42.21 0.75 0.00	49.87 0.79 0.00	60.27 0.77 0.00	55.54 0.66 0.00	44.59 0.49 0.00	39.09 0.46 0.00	36.95 0.40 0.00	33.36 0.30 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	35.79 1.34 0.00	30.53 1.15 0.00	29.40 1.10 0.00	28.26 1.01 0.00	29.62 1.11 0.00	31.87 1.11 0.00	39.10 1.43 0.00	42.79 1.61 0.00	38.42 1.37 0.00	33.13 1.00 0.00	31.33 0.85 0.00	33.01 0.87 0.00	33.17 0.90 0.00	33.31 0.88 0.00	34.20 1.00 0.00	37.80 1.17 0.00	42.91 1.45 0.00	50.76 1.67 0.00	61.58 2.08 0.00	56.97 2.09 0.00	45.87 1.76 0.00	40.18 1.55 0.00	37.97 1.43 0.00	34.32 1.26 0.00
VISCHER___FERRY HYD 24020	35.52 1.07 0.00	30.29 0.91 0.00	29.15 0.85 0.00	28.05 0.79 0.00	29.28 0.77 0.00	31.59 0.83 0.00	38.91 1.24 0.00	42.66 1.48 0.00	38.23 1.19 0.00	33.10 0.96 0.00	31.24 0.76 0.00	32.88 0.74 0.00	33.04 0.77 0.00	33.21 0.78 0.00	34.10 0.90 0.00	37.58 0.95 0.00	42.75 1.29 0.00	50.56 1.47 0.00	61.28 1.78 0.00	56.42 1.53 0.00	45.38 1.28 0.00	39.79 1.16 0.00	37.57 1.02 0.00	33.95 0.89 0.00
V_A_10_SYNC_DSASP 323832	33.21 -1.24 0.00	28.21 -1.18 0.00	27.39 -0.91 0.00	26.63 -0.63 0.00	27.99 -0.51 0.00	30.14 -0.62 0.00	35.37 -2.30 0.00	38.63 -2.55 0.00	35.16 -1.89 0.00	30.72 -1.41 0.00	29.68 -0.79 0.00	31.15 -1.00 0.00	31.08 -1.19 0.00	31.17 -1.26 0.00	31.65 -1.56 0.00	34.98 -1.65 0.00	38.60 -2.86 0.00	45.75 -3.34 0.00	55.69 -3.81 0.00	51.32 -3.57 0.00	41.19 -2.91 0.00	35.96 -2.67 0.00	34.72 -1.83 0.00	32.23 -0.83 0.00
V_CMM_10_SYNC_DSASP 323787	34.48 0.03 0.00	29.44 0.06 0.00	28.33 0.03 0.00	27.28 0.03 0.00	28.54 0.03 0.00	30.85 0.09 0.00	37.93 0.26 0.00	41.47 0.29 0.00	37.31 0.26 0.00	32.45 0.32 0.00	30.75 0.27 0.00	32.53 0.39 0.00	32.62 0.35 0.00	32.79 0.36 0.00	33.51 0.30 0.00	36.96 0.33 0.00	41.92 0.46 0.00	49.73 0.64 0.00	60.39 0.89 0.00	55.76 0.88 0.00	44.72 0.62 0.00	39.06 0.42 0.00	36.91 0.37 0.00	33.36 0.30 0.00
V_CMP_10_SYNC_DSASP 323788	34.35 -0.10 0.00	29.29 -0.09 0.00	28.19 -0.11 0.00	27.12 -0.14 0.00	28.42 -0.09 0.00	30.91 0.15 0.00	38.27 0.60 0.00	42.05 0.87 0.00	38.08 1.04 0.00	33.26 1.12 0.00	31.51 1.04 0.00	33.40 1.25 0.00	33.46 1.19 0.00	33.60 1.17 0.00	34.27 1.06 0.00	37.77 1.14 0.00	42.83 1.37 0.00	50.91 1.82 0.00	61.76 2.26 0.00	57.02 2.14 0.00	45.56 1.45 0.00	39.71 1.08 0.00	37.46 0.91 0.00	33.82 0.76 0.00
V_D_10_SYNC_DSASP 323841	34.76 0.31 0.00	29.67 0.29 0.00	28.58 0.28 0.00	27.50 0.24 0.00	28.76 0.26 0.00	31.10 0.34 0.00	38.27 0.60 0.00	41.80 0.62 0.00	37.60 0.56 0.00	32.68 0.55 0.00	30.96 0.49 0.00	32.79 0.64 0.00	32.88 0.61 0.00	33.05 0.61 0.00	33.74 0.53 0.00	37.22 0.58 0.00	42.21 0.75 0.00	50.17 1.08 0.00	60.98 1.49 0.00	56.37 1.48 0.00	45.12 1.02 0.00	39.40 0.77 0.00	37.24 0.69 0.00	33.66 0.60 0.00
V_E_10_SYNC_DSASP 323830	35.79 1.34 0.00	30.59 1.21 0.00	29.52 1.22 0.00	28.32 1.06 0.00	29.82 1.31 0.00	32.18 1.42 0.00	39.32 1.66 0.00	43.04 1.85 0.00	38.53 1.48 0.00	32.87 0.74 0.00	30.99 0.52 0.00	32.72 0.58 0.00	32.85 0.58 0.00	33.02 0.58 0.00	33.87 0.66 0.00	37.84 1.21 0.00	43.25 1.78 0.00	51.64 2.55 0.00	63.12 3.63 0.00	58.67 3.78 0.00	47.01 2.91 0.00	40.95 2.32 0.00	38.59 2.05 0.00	34.88 1.82 0.00



V_F_30_NSYNC___DSASP 323816	35.76 1.31 0.00	30.50 1.12 0.00	29.38 1.08 0.00	28.23 0.98 0.00	29.53 1.02 0.00	31.87 1.11 0.00	39.14 1.47 0.00	42.87 1.69 0.00	38.34 1.30 0.00	33.10 0.96 0.00	31.18 0.70 0.00	32.82 0.68 0.00	32.98 0.71 0.00	33.14 0.71 0.00	34.07 0.86 0.00	37.62 0.99 0.00	42.87 1.41 0.00	50.81 1.72 0.00	61.70 2.20 0.00	56.75 1.87 0.00	45.69 1.59 0.00	39.98 1.35 0.00	37.79 1.24 0.00	34.22 1.16 0.00
V_F_30_SYNC_DSASP 323786	35.00 0.55 0.00	29.91 0.53 0.00	28.78 0.48 0.00	27.66 0.41 0.00	28.91 0.40 0.00	31.16 0.40 0.00	38.38 0.72 0.00	42.05 0.86 0.00	37.71 0.67 0.00	32.65 0.51 0.00	30.87 0.40 0.00	32.46 0.32 0.00	32.62 0.35 0.00	32.79 0.36 0.00	33.70 0.50 0.00	37.11 0.48 0.00	42.17 0.70 0.00	49.78 0.69 0.00	60.27 0.77 0.00	55.49 0.60 0.00	44.63 0.53 0.00	39.17 0.54 0.00	36.99 0.44 0.00	33.39 0.33 0.00
V_XM_10_SYNC_DSASP 323789	34.35 -0.10 0.00	29.29 -0.09 0.00	28.19 -0.11 0.00	27.12 -0.14 0.00	28.42 -0.09 0.00	30.91 0.15 0.00	38.27 0.60 0.00	42.05 0.87 0.00	38.08 1.04 0.00	33.26 1.12 0.00	31.51 1.04 0.00	33.40 1.25 0.00	33.46 1.19 0.00	33.60 1.17 0.00	34.27 1.06 0.00	37.77 1.14 0.00	42.83 1.37 0.00	50.91 1.82 0.00	61.76 2.26 0.00	57.02 2.14 0.00	45.56 1.45 0.00	39.71 1.08 0.00	37.46 0.91 0.00	33.82 0.76 0.00
W.BABYLN_69_KV_BK1 56697	36.27 1.83 0.00	30.88 1.50 0.00	29.74 1.44 0.00	28.62 1.36 0.00	29.88 1.37 0.00	31.93 1.17 0.00	39.55 1.88 0.00	42.75 1.56 0.00	39.05 2.00 0.00	34.00 1.86 0.00	32.76 2.29 0.00	34.46 2.31 0.00	34.66 2.39 0.00	34.93 2.50 0.00	35.87 2.66 -0.01	38.68 2.05 0.00	43.50 2.03 0.00	51.30 2.21 0.00	61.76 2.26 0.00	56.81 1.92 0.00	45.46 1.37 0.01	40.05 1.43 0.01	37.97 1.43 0.00	34.48 1.42 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	36.10 1.65 0.00	30.76 1.38 0.00	29.57 1.27 0.00	28.48 1.23 0.00	29.71 1.20 0.00	31.87 1.11 0.00	39.36 1.70 0.00	43.08 1.89 0.00	38.86 1.82 0.00	33.74 1.61 0.00	32.12 1.65 0.00	33.81 1.67 0.00	34.01 1.74 0.00	34.18 1.75 0.00	35.00 1.79 0.00	38.43 1.80 0.00	43.41 1.95 0.00	51.10 2.01 0.00	61.82 2.32 0.00	56.92 2.03 0.00	45.74 1.63 0.00	40.33 1.70 0.00	38.16 1.61 0.00	34.42 1.36 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	36.21 1.76 0.00	30.88 1.50 0.00	29.66 1.36 0.00	28.56 1.31 0.00	29.82 1.31 0.00	31.96 1.20 0.00	39.48 1.81 0.00	43.20 2.02 0.00	39.09 2.04 0.00	33.93 1.80 0.00	32.30 1.83 0.00	34.04 1.90 0.00	34.24 1.97 0.00	34.41 1.98 0.00	35.27 2.06 0.00	38.68 2.05 0.00	43.62 2.16 0.00	51.10 2.01 0.00	61.76 2.26 0.00	56.81 1.92 0.00	45.78 1.68 0.00	40.41 1.78 0.00	38.30 1.75 0.00	34.52 1.45 0.00
W50THST__13_KV_LOAD 356117	36.34 1.89 0.00	30.97 1.59 0.00	29.77 1.47 0.00	28.67 1.42 0.00	29.90 1.40 0.00	32.08 1.32 0.00	39.63 1.96 0.00	43.37 2.18 0.00	39.23 2.19 0.00	34.06 1.93 0.00	32.43 1.95 0.00	34.20 2.06 0.00	34.40 2.13 0.00	34.54 2.11 0.00	35.43 2.22 0.00	38.83 2.20 0.00	43.79 2.32 0.00	51.35 2.26 0.00	61.99 2.50 0.00	57.08 2.20 0.00	45.96 1.85 0.00	40.56 1.93 0.00	38.45 1.90 0.00	34.65 1.59 0.00
WADING RIVER_IC_1 23522	35.72 1.28 0.00	30.41 1.03 0.00	29.29 0.99 0.00	28.18 0.93 0.00	29.42 0.91 0.00	31.47 0.71 0.00	38.91 1.24 0.00	42.17 0.99 0.00	38.57 1.52 0.00	33.51 1.38 0.00	32.27 1.80 0.00	33.94 1.80 0.00	34.17 1.90 0.00	34.34 1.91 0.00	35.37 2.16 -0.01	38.14 1.50 0.00	42.95 1.49 0.00	50.75 1.62 -0.04	60.80 1.31 0.00	56.09 1.21 0.00	44.85 0.75 0.01	39.43 0.81 0.01	37.21 0.66 0.00	33.92 0.86 0.00
WADING RIVER_IC_2 23547	35.72 1.28 0.00	30.41 1.03 0.00	29.29 0.99 0.00	28.18 0.93 0.00	29.42 0.91 0.00	31.47 0.71 0.00	38.91 1.24 0.00	42.17 0.99 0.00	38.57 1.52 0.00	33.51 1.38 0.00	32.27 1.80 0.00	33.94 1.80 0.00	34.17 1.90 0.00	34.34 1.91 0.00	35.37 2.16 -0.01	38.14 1.50 0.00	42.95 1.49 0.00	50.75 1.62 -0.04	60.80 1.31 0.00	56.09 1.21 0.00	44.85 0.75 0.01	39.43 0.81 0.01	37.21 0.66 0.00	33.92 0.86 0.00
WADING RIVER_IC_3 23601	35.72 1.28 0.00	30.41 1.03 0.00	29.29 0.99 0.00	28.18 0.93 0.00	29.42 0.91 0.00	31.47 0.71 0.00	38.91 1.24 0.00	42.17 0.99 0.00	38.57 1.52 0.00	33.51 1.38 0.00	32.27 1.80 0.00	33.94 1.80 0.00	34.17 1.90 0.00	34.34 1.91 0.00	35.37 2.16 -0.01	38.14 1.50 0.00	42.95 1.49 0.00	50.75 1.62 -0.04	60.80 1.31 0.00	56.09 1.21 0.00	44.85 0.75 0.01	39.43 0.81 0.01	37.21 0.66 0.00	33.92 0.86 0.00
WALDENNY_12_KV_BK2 80841	33.10 -1.34 0.00	28.18 -1.20 0.00	27.39 -0.91 0.00	26.71 -0.55 0.00	28.11 -0.40 0.00	30.30 -0.46 0.00	35.41 -2.26 0.00	38.67 -2.51 0.00	35.20 -1.85 0.00	30.78 -1.35 0.00	29.80 -0.67 0.00	31.37 -0.77 0.00	31.27 -1.00 0.00	31.30 -1.14 0.00	31.71 -1.49 0.00	35.17 -1.47 0.00	38.69 -2.78 0.00	46.00 -3.09 0.00	56.10 -3.39 0.00	51.65 -3.24 0.00	41.33 -2.78 0.00	36.04 -2.59 0.00	34.83 -1.72 0.00	32.50 -0.56 0.00
WALDEN___HYDRO 24148	36.00 1.55 0.00	30.67 1.29 0.00	29.49 1.19 0.00	28.43 1.17 0.00	29.65 1.14 0.00	31.84 1.08 0.00	39.29 1.62 0.00	42.95 1.77 0.00	38.71 1.67 0.00	33.58 1.45 0.00	31.91 1.43 0.00	33.59 1.45 0.00	33.79 1.52 0.00	33.99 1.56 0.00	34.83 1.63 0.00	38.28 1.65 0.00	43.29 1.82 0.00	50.95 1.87 0.00	61.76 2.26 0.00	56.86 1.98 0.00	45.69 1.59 0.00	40.21 1.58 0.00	38.05 1.50 0.00	34.32 1.26 0.00
WARRENSBURG____ 23737	35.45 1.00 0.00	30.29 0.91 0.00	29.15 0.85 0.00	28.02 0.76 0.00	29.31 0.80 0.00	31.59 0.83 0.00	38.80 1.13 0.00	42.50 1.32 0.00	37.90 0.85 0.00	32.74 0.61 0.00	30.75 0.27 0.00	32.37 0.23 0.00	32.53 0.26 0.00	32.69 0.26 0.00	33.67 0.46 0.00	37.11 0.48 0.00	42.38 0.91 0.00	50.32 1.23 0.00	61.22 1.73 0.00	56.26 1.37 0.00	45.25 1.15 0.00	39.60 0.97 0.00	37.43 0.88 0.00	33.89 0.83 0.00
WATERSIDE___6 8 9 23538	36.35 1.89 -0.01	31.00 1.62 0.00	29.77 1.47 0.00	28.67 1.42 0.00	29.90 1.40 0.00	32.02 1.26 0.00	39.55 1.88 0.00	43.08 1.89 0.00	39.16 2.11 0.00	34.00 1.86 0.00	32.36 1.89 0.00	34.14 1.99 0.00	34.33 2.07 0.00	34.51 2.08 0.00	35.36 2.16 0.00	38.79 2.16 0.00	43.58 2.11 0.00	50.86 1.77 0.00	61.39 1.90 0.01	56.53 1.65 0.01	45.69 1.59 0.00	40.41 1.78 0.00	38.41 1.86 0.00	34.65 1.59 0.00
WATKINRD_115KV_LN8_ILLION 55919	34.90 0.45 0.00	29.79 0.41 0.00	28.70 0.40 0.00	27.61 0.35 0.00	28.91 0.40 0.00	31.16 0.40 0.00	38.16 0.49 0.00	41.72 0.54 0.00	37.49 0.44 0.00	32.49 0.35 0.00	30.81 0.34 0.00	32.50 0.35 0.00	32.62 0.35 0.00	32.79 0.36 0.00	33.60 0.40 0.00	37.11 0.48 0.00	42.00 0.54 0.00	49.63 0.54 0.00	60.09 0.59 0.00	55.38 0.49 0.00	44.50 0.40 0.00	38.98 0.35 0.00	36.88 0.33 0.00	33.29 0.23 0.00

WDELAWARE___HYD 323627	36.24 1.79 0.00	30.88 1.50 0.00	29.69 1.39 0.00	28.62 1.36 0.00	29.88 1.37 0.00	32.05 1.29 0.00	39.55 1.88 0.00	43.20 2.02 0.00	38.90 1.85 0.00	33.67 1.54 0.00	31.97 1.49 0.00	33.65 1.51 0.00	33.85 1.58 0.00	34.05 1.62 0.00	34.90 1.69 0.00	38.43 1.79 0.00	43.62 2.15 0.00	51.40 2.31 0.00	62.53 3.03 0.00	57.63 2.74 0.00	46.22 2.12 0.00	40.64 2.01 0.00	38.34 1.79 0.00	34.65 1.59 0.00
WEST BABYLON___IC 23714	36.27 1.83 0.00	30.88 1.50 0.00	29.74 1.44 0.00	28.62 1.36 0.00	29.88 1.37 0.00	31.93 1.17 0.00	39.55 1.88 0.00	42.75 1.56 0.00	39.05 2.00 0.00	34.00 1.86 0.00	32.76 2.29 0.00	34.46 2.31 0.00	34.66 2.39 0.00	34.93 2.50 0.00	35.87 2.66 -0.01	38.68 2.05 0.00	43.50 2.03 0.00	51.30 2.21 0.00	61.76 2.26 0.00	56.81 1.92 0.00	45.46 1.37 0.01	40.05 1.43 0.01	37.97 1.43 0.00	34.48 1.42 0.00
WEST CANADA___HYD 24049	34.55 0.10 0.00	29.47 0.09 0.00	28.39 0.09 0.00	27.34 0.08 0.00	28.59 0.09 0.00	30.82 0.06 0.00	37.78 0.11 0.00	41.31 0.12 0.00	37.12 0.07 0.00	32.20 0.06 0.00	30.51 0.03 0.00	32.18 0.03 0.00	32.30 0.03 0.00	32.46 0.03 0.00	33.27 0.07 0.00	36.71 0.07 0.00	41.59 0.12 0.00	49.19 0.10 0.00	59.61 0.12 0.00	54.94 0.05 0.00	44.19 0.09 0.00	38.71 0.08 0.00	36.62 0.07 0.00	33.13 0.07 0.00
WESTERN_NY_WIND 24143	33.86 -0.59 0.00	28.85 -0.53 0.00	28.05 -0.25 0.00	27.20 -0.05 0.00	28.62 0.11 0.00	30.85 0.09 0.00	36.01 -1.66 0.00	39.41 -1.77 0.00	35.83 -1.22 0.00	31.26 -0.87 0.00	30.08 -0.40 0.00	31.60 -0.55 0.00	31.53 -0.74 0.00	31.62 -0.81 0.00	32.11 -1.10 0.00	35.64 -0.99 0.00	39.35 -2.11 0.00	46.83 -2.26 0.00	57.29 -2.20 0.00	52.80 -2.09 0.00	42.25 -1.85 0.00	36.78 -1.85 0.00	35.45 -1.10 0.00	33.09 0.03 0.00
WESTOVER___LESR 323668	34.41 -0.03 0.00	29.32 -0.06 0.00	28.27 -0.03 0.00	27.31 0.05 0.00	28.59 0.09 0.00	30.82 0.06 0.00	37.37 -0.30 0.00	40.89 -0.29 0.00	36.86 -0.19 0.00	31.94 -0.19 0.00	30.44 -0.03 0.00	32.08 -0.06 0.00	32.11 -0.16 0.00	32.24 -0.19 0.00	32.94 -0.27 0.00	36.41 -0.22 0.00	41.01 -0.46 0.00	48.70 -0.39 0.00	59.14 -0.36 0.00	54.56 -0.33 0.00	43.84 -0.26 0.00	38.36 -0.27 0.00	36.40 -0.15 0.00	33.13 0.07 0.00
WETHRSFD_WT_PWR 323626	32.69 -1.76 0.00	27.85 -1.53 0.00	27.17 -1.13 0.00	26.44 -0.82 0.00	27.82 -0.68 0.00	30.02 -0.74 0.00	35.63 -2.03 0.00	38.71 -2.47 0.00	34.90 -2.15 0.00	30.43 -1.70 0.00	29.29 -1.19 0.00	30.73 -1.41 0.00	30.85 -1.42 0.00	31.04 -1.39 0.00	31.48 -1.73 0.00	34.98 -1.65 0.00	38.85 -2.61 0.00	46.78 -2.31 0.00	56.88 -2.62 0.00	52.31 -2.58 0.00	41.68 -2.43 0.00	36.47 -2.16 0.00	35.20 -1.35 0.00	32.36 -0.70 0.00
WHAVSTOR_138KV_BK127 55557	35.93 1.48 0.00	30.64 1.26 0.00	29.46 1.16 0.00	28.37 1.12 0.00	29.59 1.08 0.00	31.74 0.98 0.00	39.21 1.54 0.00	42.91 1.73 0.00	38.71 1.67 0.00	33.61 1.48 0.00	32.00 1.52 0.00	33.69 1.54 0.00	33.88 1.61 0.00	34.05 1.62 0.00	34.87 1.66 0.00	38.28 1.65 0.00	43.25 1.78 0.00	50.86 1.77 0.00	61.52 2.02 0.00	56.64 1.76 0.00	45.56 1.46 0.00	40.14 1.51 0.00	38.01 1.46 0.00	34.28 1.22 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	35.93 1.48 0.00	30.64 1.26 0.00	29.46 1.16 0.00	28.37 1.12 0.00	29.59 1.08 0.00	31.74 0.98 0.00	39.21 1.54 0.00	42.91 1.73 0.00	38.71 1.67 0.00	33.61 1.48 0.00	32.00 1.52 0.00	33.69 1.54 0.00	33.88 1.61 0.00	34.05 1.62 0.00	34.87 1.66 0.00	38.28 1.65 0.00	43.25 1.78 0.00	50.86 1.77 0.00	61.52 2.02 0.00	56.64 1.76 0.00	45.56 1.46 0.00	40.14 1.51 0.00	38.01 1.46 0.00	34.28 1.22 0.00
WHITEHAL_115KV_TB1 80871	36.07 1.62 0.00	30.79 1.41 0.00	29.63 1.33 0.00	28.43 1.17 0.00	29.76 1.25 0.00	32.14 1.38 0.00	39.48 1.81 0.00	43.24 2.06 0.00	38.46 1.41 0.00	33.13 1.00 0.00	31.05 0.58 0.00	32.66 0.51 0.00	32.82 0.55 0.00	32.95 0.52 0.00	34.00 0.80 0.00	37.55 0.92 0.00	43.00 1.53 0.00	51.15 2.06 0.00	62.41 2.92 0.00	57.30 2.41 0.00	46.04 1.94 0.00	40.25 1.62 0.00	38.01 1.46 0.00	34.42 1.36 0.00
WHITEPLN_13_KV_LOAD 356215	36.31 1.86 0.00	30.97 1.59 0.00	29.74 1.44 0.00	28.64 1.39 0.00	29.88 1.37 0.00	32.08 1.32 0.00	39.67 2.00 0.00	43.53 2.35 0.00	39.27 2.22 0.00	34.12 1.99 0.00	32.49 2.01 0.00	34.23 2.09 0.00	34.46 2.19 0.00	34.60 2.17 0.00	35.43 2.22 0.00	38.90 2.27 0.00	43.95 2.49 0.00	51.69 2.60 0.00	62.41 2.92 0.00	57.47 2.58 0.00	46.18 2.07 0.00	40.72 2.09 0.00	38.52 1.97 0.00	34.75 1.69 0.00
WM_FLOYD_69_KV_BK2 356380	36.00 1.55 0.00	30.64 1.26 0.00	29.52 1.22 0.00	28.40 1.14 0.00	29.65 1.14 0.00	31.71 0.95 0.00	39.33 1.66 0.00	42.50 1.32 0.00	38.83 1.78 0.00	33.77 1.64 0.00	32.52 2.04 0.00	34.20 2.06 0.00	34.40 2.13 0.00	34.67 2.24 0.00	35.64 2.42 -0.01	38.43 1.80 0.00	43.21 1.74 0.00	51.19 2.06 -0.04	61.22 1.73 0.00	56.26 1.37 0.00	45.11 1.01 0.01	39.70 1.08 0.01	37.65 1.10 0.00	34.15 1.09 0.00
WOODARD___115KV_TB2 355635	34.07 -0.38 0.00	29.03 -0.35 0.00	27.99 -0.31 0.00	26.95 -0.30 0.00	28.22 -0.29 0.00	30.48 -0.28 0.00	37.07 -0.60 0.00	40.48 -0.70 0.00	36.42 -0.63 0.00	31.55 -0.58 0.00	29.96 -0.52 0.00	31.60 -0.55 0.00	31.69 -0.58 0.00	31.85 -0.58 0.00	32.61 -0.60 0.00	36.05 -0.59 0.00	40.72 -0.75 0.00	48.20 -0.88 0.00	58.54 -0.95 0.00	54.06 -0.82 0.00	43.40 -0.71 0.00	37.97 -0.66 0.00	35.96 -0.58 0.00	32.60 -0.46 0.00
WOODMERE_69_KV_BK1 55827	36.27 1.83 0.00	30.88 1.50 0.00	29.71 1.41 0.00	28.59 1.34 0.00	29.85 1.34 0.00	31.93 1.17 0.00	39.48 1.81 0.00	42.75 1.56 0.00	39.01 1.96 0.00	34.00 1.86 0.00	32.70 2.22 0.00	34.39 2.25 0.00	34.62 2.36 0.00	34.83 2.40 0.00	35.78 2.56 -0.01	38.68 2.05 0.00	43.50 2.03 0.00	51.30 2.21 0.00	61.70 2.20 0.00	56.81 1.92 0.00	45.55 1.46 0.01	40.17 1.55 0.01	38.01 1.46 0.00	34.45 1.39 0.00
YORK___WARBASSE 23770	36.52 2.07 -0.01	31.11 1.73 0.00	29.88 1.58 0.00	28.75 1.50 0.00	29.99 1.48 0.00	32.05 1.29 0.00	39.55 1.88 0.00	42.91 1.73 0.00	39.09 2.04 0.00	33.93 1.80 0.00	32.27 1.80 0.00	34.07 1.93 0.00	34.30 2.03 0.00	34.47 2.04 0.00	35.36 2.16 0.00	38.79 2.16 0.00	43.45 1.99 0.00	50.71 1.62 0.00	61.27 1.78 0.01	56.42 1.54 0.01	45.56 1.46 0.00	40.33 1.70 0.00	38.52 1.97 0.00	34.75 1.69 0.00