

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

### --- Marginal Cost of Congestion

## Generator Data

10/27/2024

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	31.05	27.69	27.03	27.87	28.23	32.07	31.38	35.47	33.83	27.90	26.69	25.59	26.56	27.10	27.82	28.01	34.96	42.53	53.58	47.64	41.94	42.13	40.21	39.93
24138	1.17	0.95	0.93	0.90	0.93	1.06	1.17	1.59	1.69	1.68	1.55	1.53	1.55	1.62	1.65	1.58	1.96	2.07	2.32	1.75	1.56	1.56	1.58	1.45
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	31.08	27.72	27.03	27.88	28.24	32.08	31.38	35.48	33.85	27.91	26.71	25.61	26.60	27.13	27.85	28.05	35.00	42.61	53.70	47.77	42.07	42.25	40.34	40.05
24260	1.20	0.98	0.93	0.92	0.94	1.07	1.18	1.60	1.70	1.69	1.57	1.55	1.58	1.64	1.68	1.62	2.00	2.14	2.43	1.89	1.70	1.68	1.70	1.57
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	31.08	27.72	27.03	27.88	28.24	32.08	31.38	35.48	33.85	27.91	26.71	25.61	26.60	27.13	27.85	28.05	35.00	42.61	53.70	47.77	42.07	42.25	40.34	40.05
24261	1.20	0.98	0.93	0.92	0.94	1.07	1.18	1.60	1.70	1.69	1.57	1.55	1.58	1.64	1.68	1.62	2.00	2.14	2.43	1.89	1.70	1.68	1.70	1.57
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	31.62	28.32	27.57	28.38	28.92	32.91	32.20	36.45	34.50	27.82	26.51	25.40	26.51	26.96	27.76	28.20	35.59	43.60	55.25	49.05	42.97	42.92	41.10	40.95
24011	1.75	1.58	1.47	1.42	1.62	1.90	2.00	2.58	2.35	1.60	1.37	1.34	1.49	1.47	1.58	1.77	2.59	3.13	3.98	3.17	2.59	2.35	2.46	2.48
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	31.74	28.46	27.68	28.47	29.06	33.06	32.37	36.70	34.72	27.92	26.59	25.51	26.65	27.12	27.96	28.40	35.89	43.99	55.77	49.41	43.21	43.11	41.33	41.20
23798	1.87	1.72	1.58	1.51	1.76	2.05	2.17	2.83	2.58	1.70	1.45	1.45	1.63	1.63	1.79	1.97	2.89	3.52	4.50	3.53	2.84	2.54	2.69	2.73
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	31.62	28.32	27.57	28.38	28.92	32.91	32.20	36.45	34.50	27.82	26.51	25.40	26.51	26.96	27.76	28.20	35.59	43.60	55.25	49.05	42.97	42.92	41.10	40.95
24028	1.75	1.58	1.47	1.42	1.62	1.90	2.00	2.58	2.35	1.60	1.37	1.34	1.49	1.47	1.58	1.77	2.59	3.13	3.98	3.17	2.59	2.35	2.46	2.48
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	31.05	27.78	27.06	27.91	28.35	32.24	31.53	35.66	33.77	27.47	26.10	24.97	26.00	26.50	27.26	27.74	34.72	42.21	53.46	47.46	42.17	42.15	40.27	40.37
23527	1.18	1.03	0.96	0.94	1.06	1.23	1.33	1.79	1.63	1.25	0.96	0.91	0.98	1.01	1.09	1.31	1.72	1.74	2.20	1.58	1.79	1.58	1.63	1.89
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	30.18	26.98	26.31	27.15	27.54	31.31	30.61	34.49	32.72	26.67	25.50	24.46	25.42	25.90	26.55	26.90	33.71	41.27	52.21	46.51	40.97	41.05	39.14	39.00
24190	0.31	0.24	0.21	0.20	0.24	0.30	0.41	0.62	0.58	0.45	0.36	0.40	0.40	0.41	0.37	0.47	0.71	0.80	0.95	0.63	0.60	0.48	0.50	0.52
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	30.49	27.36	26.72	27.49	27.75	31.47	30.56	34.14	32.39	26.34	25.30	24.18	25.06	25.54	26.27	26.55	33.11	40.64	51.61	46.37	40.92	41.43	39.43	39.28
355683	0.62	0.62	0.62	0.53	0.45	0.45	0.35	0.26	0.25	0.11	0.15	0.12	0.04	0.05	0.09	0.12	0.10	0.17	0.35	0.49	0.55	0.86	0.79	0.81
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	30.77	27.52	26.84	27.72	28.12	31.98	31.25	35.21	33.25	26.85	25.60	24.51	25.52	25.99	26.66	27.10	34.12	42.06	53.30	47.49	41.80	41.86	39.89	39.73
323833	0.90	0.78	0.74	0.76	0.82	0.97	1.04	1.33	1.11	0.63	0.45	0.45	0.50	0.50	0.49	0.67	1.12	1.60	2.03	1.61	1.42	1.29	1.25	1.25
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	30.76	27.51	26.83	27.71	28.11	31.97	31.24	35.20	33.24	26.85	25.59	24.51	25.52	25.99	26.65	27.09	34.12	42.04	53.27	47.48	41.78	41.84	39.87	39.71
323834	0.89	0.77	0.73	0.75	0.81	0.96	1.03	1.33	1.10	0.63	0.45	0.45	0.50	0.50	0.48	0.66	1.11	1.58	2.01	1.60	1.40	1.27	1.24	1.23
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	30.18	26.98	26.31	27.15	27.54	31.31	30.61	34.49	32.72	26.67	25.50	24.46	25.42	25.90	26.55	26.90	33.71	41.27	52.21	46.51	40.97	41.05	39.14	39.00
23571	0.31	0.24	0.21	0.20	0.24	0.30	0.41	0.62	0.58	0.45	0.36	0.40	0.40	0.41	0.37	0.47	0.71	0.80	0.95	0.63	0.60	0.48	0.50	0.52
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	30.18 0.31 0.00	26.98 0.24 0.00	26.31 0.21 0.00	27.15 0.20 0.00	27.54 0.24 0.00	31.31 0.30 0.00	30.61 0.41 0.00	34.49 0.62 0.00	32.72 0.58 0.00	26.67 0.45 0.00	25.50 0.36 0.00	24.46 0.40 0.00	25.42 0.40 0.00	25.90 0.41 0.00	26.55 0.37 0.00	26.90 0.47 0.00	33.71 0.71 0.00	41.27 0.80 0.00	52.21 0.95 0.00	46.51 0.63 0.00	40.97 0.60 0.00	41.05 0.48 0.00	39.14 0.50 0.00	39.00 0.52 0.00
ALBANY___3 23573	30.18 0.31 0.00	26.98 0.24 0.00	26.31 0.21 0.00	27.15 0.20 0.00	27.54 0.24 0.00	31.31 0.30 0.00	30.61 0.41 0.00	34.49 0.62 0.00	32.72 0.58 0.00	26.67 0.45 0.00	25.50 0.36 0.00	24.46 0.40 0.00	25.42 0.40 0.00	25.90 0.41 0.00	26.55 0.37 0.00	26.90 0.47 0.00	33.71 0.71 0.00	41.27 0.80 0.00	52.21 0.95 0.00	46.51 0.63 0.00	40.97 0.60 0.00	41.05 0.48 0.00	39.14 0.50 0.00	39.00 0.52 0.00
ALBANY___4 23574	30.18 0.31 0.00	26.98 0.24 0.00	26.31 0.21 0.00	27.15 0.20 0.00	27.54 0.24 0.00	31.31 0.30 0.00	30.61 0.41 0.00	34.49 0.62 0.00	32.72 0.58 0.00	26.67 0.45 0.00	25.50 0.36 0.00	24.46 0.40 0.00	25.42 0.40 0.00	25.90 0.41 0.00	26.55 0.37 0.00	26.90 0.47 0.00	33.71 0.71 0.00	41.27 0.80 0.00	52.21 0.95 0.00	46.51 0.63 0.00	40.97 0.60 0.00	41.05 0.48 0.00	39.14 0.50 0.00	39.00 0.52 0.00
ALBANY___LFGE 323615	30.45 0.58 0.00	27.22 0.48 0.00	26.54 0.44 0.00	27.39 0.43 0.00	27.79 0.49 0.00	31.59 0.58 0.00	30.89 0.68 0.00	34.80 0.93 0.00	33.01 0.87 0.00	26.91 0.69 0.00	25.72 0.57 0.00	24.65 0.59 0.00	25.64 0.62 0.00	26.12 0.63 0.00	26.79 0.61 0.00	27.16 0.73 0.00	34.06 1.06 0.00	41.68 1.22 0.00	52.74 1.47 0.00	46.98 1.10 0.00	41.37 1.00 0.00	41.43 0.86 0.00	39.50 0.86 0.00	39.34 0.87 0.00
ALCOA_PA_115KV_PL-6C 55860	30.68 0.80 0.00	27.53 0.79 0.00	26.89 0.79 0.00	27.67 0.71 0.00	27.92 0.62 0.00	31.66 0.64 0.00	30.73 0.53 0.00	34.33 0.45 0.00	32.56 0.42 0.00	27.24 0.23 -0.80	25.39 0.24 0.00	24.27 0.21 0.00	25.14 0.12 0.00	26.41 0.13 -0.79	28.00 0.22 -1.61	28.31 0.26 -1.62	33.29 0.29 0.00	40.90 0.43 0.00	51.96 0.70 0.00	46.70 0.81 0.00	41.22 0.84 0.00	41.72 1.15 0.00	39.69 1.06 0.00	39.55 1.07 0.00
ALCOA_RYNLDS___DRP 24188	30.68 0.80 0.00	27.53 0.79 0.00	26.89 0.79 0.00	27.67 0.71 0.00	27.92 0.62 0.00	31.66 0.64 0.00	30.73 0.53 0.00	34.33 0.45 0.00	32.56 0.42 0.00	27.24 0.23 -0.80	25.39 0.24 0.00	24.27 0.21 0.00	25.14 0.12 0.00	26.41 0.13 -0.79	28.00 0.22 -1.61	28.31 0.26 -1.62	33.29 0.29 0.00	40.90 0.43 0.00	51.96 0.70 0.00	46.70 0.81 0.00	41.22 0.84 0.00	41.72 1.15 0.00	39.69 1.06 0.00	39.55 1.07 0.00
ALCOA___DSASP 323711	30.68 0.80 0.00	27.53 0.79 0.00	26.89 0.79 0.00	27.67 0.71 0.00	27.92 0.62 0.00	31.66 0.64 0.00	30.73 0.53 0.00	34.33 0.45 0.00	32.56 0.42 0.00	27.24 0.23 -0.80	25.39 0.24 0.00	24.27 0.21 0.00	25.14 0.12 0.00	26.41 0.14 -0.79	28.00 0.22 -1.61	28.31 0.26 -1.62	33.29 0.29 0.00	40.90 0.44 0.00	51.96 0.70 0.00	46.69 0.81 0.00	41.21 0.84 0.00	41.72 1.15 0.00	39.69 1.06 0.00	39.55 1.07 0.00
ALLEGHENY___COGEN 23514	29.84 -0.04 0.00	26.75 0.00 0.00	26.18 0.08 0.00	27.36 0.40 0.00	27.76 0.46 0.00	31.69 0.68 0.00	30.84 0.64 0.00	34.68 0.80 0.00	32.82 0.68 0.00	26.14 -0.08 0.00	24.93 -0.22 0.00	23.76 -0.29 0.00	24.74 -0.28 0.00	25.47 -0.02 0.00	26.40 0.22 0.00	26.61 0.17 0.00	32.72 -0.28 0.00	40.55 0.08 0.00	52.51 1.24 0.00	47.39 1.50 0.00	41.14 0.76 0.00	40.88 0.31 0.00	38.85 0.21 0.00	38.79 0.31 0.00
ALTAMONT_115KV_TB 2 55880	30.35 0.48 0.00	27.15 0.41 0.00	26.47 0.37 0.00	27.32 0.37 0.00	27.71 0.41 0.00	31.50 0.49 0.00	30.77 0.56 0.00	34.66 0.78 0.00	32.89 0.74 0.00	26.80 0.58 0.00	25.64 0.50 0.00	24.56 0.50 0.00	25.57 0.55 0.00	26.04 0.56 0.00	26.68 0.51 0.00	27.01 0.58 0.00	33.82 0.82 0.00	41.43 0.96 0.00	52.43 1.16 0.00	46.77 0.89 0.00	41.17 0.79 0.00	41.28 0.71 0.00	39.36 0.72 0.00	39.19 0.71 0.00
ALTONA_WT_PWR 323606	30.45 0.58 0.00	27.44 0.69 0.00	26.78 0.68 0.00	27.57 0.61 0.00	27.93 0.63 0.00	31.72 0.71 0.00	30.74 0.53 0.00	33.97 0.10 0.00	32.03 -0.11 0.00	2.72 -0.30 23.21	24.97 -0.17 0.00	23.90 -0.16 0.00	24.78 -0.24 0.00	2.14 -0.31 23.04	-21.04 -0.36 46.85	-21.06 -0.37 47.12	32.71 -0.29 0.00	40.12 -0.34 0.00	51.49 0.22 0.00	46.21 0.33 0.00	41.17 0.79 0.00	41.95 1.38 0.00	40.09 1.45 0.00	40.16 1.68 0.00
AMERICAN_REF_FUEL 24010	27.83 -2.05 0.00	25.09 -1.66 0.00	24.56 -1.54 0.00	25.77 -1.18 0.00	26.13 -1.17 0.00	29.75 -1.26 0.00	28.81 -1.39 0.00	32.03 -1.84 0.00	30.42 -1.73 0.00	24.97 -1.25 0.00	23.87 -1.27 0.00	22.99 -1.07 0.00	23.85 -1.17 0.00	24.52 -0.98 0.00	25.41 -0.76 0.00	25.28 -1.15 0.00	30.80 -2.20 0.00	37.72 -2.74 0.00	47.87 -3.39 0.00	43.34 -2.54 0.00	37.46 -2.92 0.00	37.17 -3.40 0.00	35.61 -3.03 0.00	35.79 -2.69 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	28.73 -1.15 0.00	25.84 -0.90 0.00	25.42 -0.68 0.00	26.71 -0.25 0.00	27.08 -0.22 0.00	30.88 -0.13 0.00	29.97 -0.23 0.00	33.60 -0.27 0.00	31.87 -0.28 0.00	26.10 -0.12 0.00	24.91 -0.23 0.00	23.95 -0.10 0.00	24.82 -0.20 0.00	25.46 -0.03 0.00	26.42 0.24 0.00	26.28 -0.15 0.00	32.18 -0.82 0.00	39.56 -0.91 0.00	50.52 -0.75 0.00	45.74 -0.14 0.00	39.59 -0.79 0.00	39.55 -1.02 0.00	37.64 -1.00 0.00	37.72 -0.76 0.00
ARTHUR KILL_GT_1 23520	31.08 1.21 0.00	27.75 1.01 0.00	27.28 1.17 0.00	28.18 1.22 -0.01	28.54 1.24 -0.01	32.39 1.37 -0.01	31.66 1.45 0.00	35.77 1.89 0.00	34.12 1.98 0.00	28.11 1.89 0.00	26.84 1.70 0.00	25.70 1.64 0.00	26.65 1.63 0.00	27.18 1.70 0.00	27.93 1.76 0.00	28.00 1.57 0.00	34.94 1.94 0.00	42.43 1.97 0.00	53.29 2.02 0.00	47.43 1.55 0.00	41.97 1.60 0.00	41.99 1.42 0.00	40.23 1.59 0.00	39.95 1.48 0.00
ARTHUR_KILL_2 23512	31.01 1.14 0.00	27.69 0.95 0.00	27.21 1.11 0.00	28.11 1.14 -0.01	28.48 1.18 -0.01	32.32 1.30 -0.01	31.59 1.39 0.00	35.67 1.80 0.00	34.04 1.90 0.00	28.04 1.82 0.00	26.79 1.65 0.00	25.65 1.59 0.00	26.60 1.58 0.00	27.13 1.65 0.00	27.88 1.71 0.00	27.94 1.51 0.00	34.86 1.87 0.00	42.33 1.87 0.00	53.16 1.89 0.00	47.30 1.42 0.00	41.87 1.49 0.00	41.88 1.31 0.00	40.12 1.48 0.00	39.86 1.38 0.00
ARTHUR_KILL_3 23513	30.75 0.88 0.00	27.43 0.69 0.00	26.73 0.63 0.00	27.57 0.61 0.00	27.93 0.63 0.00	31.72 0.71 0.00	31.05 0.85 0.00	35.07 1.20 0.00	33.47 1.32 0.00	27.58 1.36 0.00	26.39 1.24 0.00	25.30 1.24 0.00	26.26 1.24 0.00	26.79 1.30 0.00	27.51 1.34 0.00	27.70 1.27 0.00	34.57 1.58 0.00	42.04 1.58 0.00	53.07 1.80 0.00	47.20 1.32 0.00	41.56 1.19 0.00	41.76 1.19 0.00	39.89 1.25 0.00	39.61 1.14 0.00

ARTHUR_KILL_COGEN 323718	31.08 1.21 0.00	27.75 1.01 0.00	27.28 1.17 0.00	28.18 1.22 -0.01	28.54 1.24 -0.01	32.39 1.37 -0.01	31.66 1.45 0.00	35.77 1.89 0.00	34.12 1.98 0.00	28.11 1.89 0.00	26.84 1.70 0.00	25.70 1.64 0.00	26.65 1.63 0.00	27.18 1.70 0.00	27.93 1.76 0.00	28.00 1.57 0.00	34.94 1.94 0.00	42.43 1.97 0.00	53.29 2.02 0.00	47.43 1.55 0.00	41.97 1.60 0.00	41.99 1.42 0.00	40.23 1.59 0.00	39.95 1.48 0.00
ASHOKAN____ 23654	31.03 1.15 0.00	27.70 0.96 0.00	26.99 0.89 0.00	27.87 0.91 0.00	28.27 0.97 0.00	32.18 1.17 0.00	31.51 1.31 0.00	35.62 1.75 0.00	33.85 1.71 0.00	27.48 1.25 0.00	26.12 0.98 0.00	24.93 0.87 0.00	25.91 0.89 0.00	26.37 0.88 0.00	27.04 0.86 0.00	27.46 1.03 0.00	34.64 1.64 0.00	42.78 2.32 0.00	54.35 3.08 0.00	48.41 2.53 0.00	42.47 2.10 0.00	42.49 1.92 0.00	40.41 1.77 0.00	40.13 1.66 0.00
ASTORIA_EAST_ENERGY_CC1 323581	30.75 0.88 0.01	27.46 0.72 0.00	26.74 0.64 0.00	27.57 0.61 0.00	27.91 0.62 0.01	31.68 0.67 0.01	31.00 0.80 0.01	35.05 1.18 0.00	33.42 1.28 0.00	27.66 1.44 0.00	26.44 1.30 0.00	25.31 1.25 0.00	26.24 1.22 0.00	26.78 1.30 0.00	27.53 1.35 0.00	27.63 1.20 0.00	34.52 1.52 0.00	42.07 1.61 0.00	53.13 1.86 0.00	47.27 1.39 0.00	41.71 1.33 0.00	41.82 1.25 0.00	39.92 1.28 0.00	39.66 1.18 0.00
ASTORIA_EAST_ENERGY_CC2 323582	30.75 0.88 0.01	27.46 0.72 0.00	26.74 0.64 0.00	27.57 0.61 0.00	27.91 0.61 0.01	31.68 0.67 0.01	31.00 0.80 0.01	35.05 1.18 0.00	33.42 1.28 0.00	27.66 1.44 0.00	26.45 1.31 0.00	25.33 1.27 0.00	26.26 1.24 0.00	26.80 1.31 0.00	27.53 1.36 0.00	27.63 1.21 0.00	34.52 1.52 0.00	42.07 1.61 0.00	53.13 1.86 0.00	47.27 1.39 0.00	41.71 1.33 0.00	41.82 1.25 0.00	39.92 1.28 0.00	39.66 1.18 0.00
ASTORIA_GT2_1 24094	30.76 0.89 0.01	27.47 0.73 0.00	26.75 0.64 0.00	27.58 0.62 0.00	27.93 0.64 0.01	31.69 0.69 0.01	31.01 0.82 0.01	35.07 1.20 0.00	33.44 1.30 0.00	27.67 1.46 0.00	26.45 1.31 0.00	25.33 1.27 0.00	26.26 1.24 0.00	26.80 1.31 0.00	27.54 1.36 0.00	27.64 1.21 0.00	34.52 1.53 0.00	42.08 1.62 0.00	53.15 1.88 0.00	47.30 1.42 0.00	41.73 1.36 0.00	41.84 1.26 0.00	39.94 1.30 0.00	39.68 1.20 0.00
ASTORIA_GT2_2 24095	30.76 0.89 0.01	27.47 0.73 0.00	26.75 0.64 0.00	27.58 0.62 0.00	27.93 0.64 0.01	31.69 0.69 0.01	31.01 0.82 0.01	35.07 1.20 0.00	33.44 1.30 0.00	27.67 1.46 0.00	26.45 1.31 0.00	25.33 1.27 0.00	26.26 1.24 0.00	26.80 1.31 0.00	27.54 1.36 0.00	27.64 1.21 0.00	34.52 1.53 0.00	42.08 1.62 0.00	53.15 1.88 0.00	47.30 1.42 0.00	41.73 1.36 0.00	41.84 1.26 0.00	39.94 1.30 0.00	39.68 1.20 0.00
ASTORIA_GT2_3 24096	30.76 0.89 0.01	27.47 0.73 0.00	26.75 0.64 0.00	27.58 0.62 0.00	27.93 0.64 0.01	31.69 0.69 0.01	31.01 0.82 0.01	35.07 1.20 0.00	33.44 1.30 0.00	27.67 1.46 0.00	26.45 1.31 0.00	25.33 1.27 0.00	26.26 1.24 0.00	26.80 1.31 0.00	27.54 1.36 0.00	27.64 1.21 0.00	34.52 1.53 0.00	42.08 1.62 0.00	53.15 1.88 0.00	47.30 1.42 0.00	41.73 1.36 0.00	41.84 1.26 0.00	39.94 1.30 0.00	39.68 1.20 0.00
ASTORIA_GT2_4 24097	30.76 0.89 0.01	27.47 0.73 0.00	26.75 0.64 0.00	27.58 0.62 0.00	27.93 0.64 0.01	31.69 0.69 0.01	31.01 0.82 0.01	35.07 1.20 0.00	33.44 1.30 0.00	27.67 1.46 0.00	26.45 1.31 0.00	25.33 1.27 0.00	26.26 1.24 0.00	26.80 1.31 0.00	27.54 1.36 0.00	27.64 1.21 0.00	34.52 1.53 0.00	42.08 1.62 0.00	53.15 1.88 0.00	47.30 1.42 0.00	41.73 1.36 0.00	41.84 1.26 0.00	39.94 1.30 0.00	39.68 1.20 0.00
ASTORIA_GT3_1 24098	30.76 0.89 0.01	27.47 0.73 0.00	26.75 0.64 0.00	27.58 0.62 0.00	27.93 0.64 0.01	31.69 0.69 0.01	31.01 0.82 0.01	35.07 1.20 0.00	33.44 1.30 0.00	27.67 1.46 0.00	26.45 1.31 0.00	25.33 1.27 0.00	26.26 1.24 0.00	26.80 1.31 0.00	27.54 1.36 0.00	27.64 1.21 0.00	34.52 1.53 0.00	42.08 1.62 0.00	53.15 1.88 0.00	47.30 1.42 0.00	41.73 1.36 0.00	41.84 1.26 0.00	39.94 1.30 0.00	39.68 1.20 0.00
ASTORIA_GT3_2 24099	30.76 0.89 0.01	27.47 0.73 0.00	26.75 0.64 0.00	27.58 0.62 0.00	27.93 0.64 0.01	31.69 0.69 0.01	31.01 0.82 0.01	35.07 1.20 0.00	33.44 1.30 0.00	27.67 1.46 0.00	26.45 1.31 0.00	25.33 1.27 0.00	26.26 1.24 0.00	26.80 1.31 0.00	27.54 1.36 0.00	27.64 1.21 0.00	34.52 1.53 0.00	42.08 1.62 0.00	53.15 1.88 0.00	47.30 1.42 0.00	41.73 1.36 0.00	41.84 1.26 0.00	39.94 1.30 0.00	39.68 1.20 0.00
ASTORIA_GT3_3 24100	30.76 0.89 0.01	27.47 0.73 0.00	26.75 0.64 0.00	27.58 0.62 0.00	27.93 0.64 0.01	31.69 0.69 0.01	31.01 0.82 0.01	35.07 1.20 0.00	33.44 1.30 0.00	27.67 1.46 0.00	26.45 1.31 0.00	25.33 1.27 0.00	26.26 1.24 0.00	26.80 1.31 0.00	27.54 1.36 0.00	27.64 1.21 0.00	34.52 1.53 0.00	42.08 1.62 0.00	53.15 1.88 0.00	47.30 1.42 0.00	41.73 1.36 0.00	41.84 1.26 0.00	39.94 1.30 0.00	39.68 1.20 0.00
ASTORIA_GT3_4 24101	30.76 0.89 0.01	27.47 0.73 0.00	26.75 0.64 0.00	27.58 0.62 0.00	27.93 0.64 0.01	31.69 0.69 0.01	31.01 0.82 0.01	35.07 1.20 0.00	33.44 1.30 0.00	27.67 1.46 0.00	26.45 1.31 0.00	25.33 1.27 0.00	26.26 1.24 0.00	26.80 1.31 0.00	27.54 1.36 0.00	27.64 1.21 0.00	34.52 1.53 0.00	42.08 1.62 0.00	53.15 1.88 0.00	47.30 1.42 0.00	41.73 1.36 0.00	41.84 1.26 0.00	39.94 1.30 0.00	39.68 1.20 0.00
ASTORIA_GT4_1 24102	30.76 0.89 0.01	27.47 0.73 0.00	26.75 0.64 0.00	27.58 0.62 0.00	27.93 0.64 0.01	31.69 0.69 0.01	31.01 0.82 0.01	35.07 1.20 0.00	33.44 1.30 0.00	27.67 1.46 0.00	26.45 1.31 0.00	25.33 1.27 0.00	26.26 1.24 0.00	26.80 1.31 0.00	27.54 1.36 0.00	27.64 1.21 0.00	34.52 1.53 0.00	42.08 1.62 0.00	53.15 1.88 0.00	47.30 1.42 0.00	41.73 1.36 0.00	41.84 1.26 0.00	39.94 1.30 0.00	39.68 1.20 0.00
ASTORIA_GT4_2 24103	30.76 0.89 0.01	27.47 0.73 0.00	26.75 0.64 0.00	27.58 0.62 0.00	27.93 0.64 0.01	31.69 0.69 0.01	31.01 0.82 0.01	35.07 1.20 0.00	33.44 1.30 0.00	27.67 1.46 0.00	26.45 1.31 0.00	25.33 1.27 0.00	26.26 1.24 0.00	26.80 1.31 0.00	27.54 1.36 0.00	27.64 1.21 0.00	34.52 1.53 0.00	42.08 1.62 0.00	53.15 1.88 0.00	47.30 1.42 0.00	41.73 1.36 0.00	41.84 1.26 0.00	39.94 1.30 0.00	39.68 1.20 0.00
ASTORIA_GT4_3 24104	30.76 0.89 0.01	27.47 0.73 0.00	26.75 0.64 0.00	27.58 0.62 0.00	27.93 0.64 0.01	31.69 0.69 0.01	31.01 0.82 0.01	35.07 1.20 0.00	33.44 1.30 0.00	27.67 1.46 0.00	26.45 1.31 0.00	25.33 1.27 0.00	26.26 1.24 0.00	26.80 1.31 0.00	27.54 1.36 0.00	27.64 1.21 0.00	34.52 1.53 0.00	42.08 1.62 0.00	53.15 1.88 0.00	47.30 1.42 0.00	41.73 1.36 0.00	41.84 1.26 0.00	39.94 1.30 0.00	39.68 1.20 0.00

ASTORIA_GT4_4 24105	30.76 0.89 0.01	27.47 0.73 0.00	26.75 0.64 0.00	27.58 0.62 0.00	27.93 0.64 0.01	31.69 0.69 0.01	31.01 0.82 0.01	35.07 1.20 0.00	33.44 1.30 0.00	27.67 1.46 0.00	26.45 1.31 0.00	25.33 1.27 0.00	26.26 1.24 0.00	26.80 1.31 0.00	27.54 1.36 0.00	27.64 1.21 0.00	34.52 1.53 0.00	42.08 1.62 0.00	53.15 1.88 0.00	47.30 1.42 0.00	41.73 1.36 0.00	41.84 1.26 0.00	39.94 1.30 0.00	39.68 1.20 0.00
ASTORIA_GT_1 23523	30.80 0.94 0.01	27.50 0.76 0.00	26.78 0.68 0.00	27.61 0.66 0.00	27.96 0.67 0.01	31.73 0.73 0.01	31.06 0.86 0.01	35.12 1.25 0.00	33.49 1.35 0.00	27.71 1.50 0.00	26.49 1.35 0.00	25.36 1.30 0.00	26.30 1.28 0.00	26.84 1.35 0.00	27.58 1.41 0.00	27.68 1.25 0.00	34.59 1.59 0.00	42.15 1.69 0.00	53.24 1.97 0.00	47.39 1.51 0.00	41.80 1.43 0.00	41.90 1.33 0.00	40.00 1.36 0.00	39.74 1.26 0.00
ASTORIA_GT_10 24110	30.90 1.03 0.00	27.57 0.83 0.00	26.91 0.80 0.00	27.73 0.77 0.00	28.10 0.80 0.00	31.88 0.87 0.00	31.21 1.00 0.00	35.26 1.39 0.00	33.65 1.50 0.00	27.78 1.56 0.00	26.57 1.43 0.00	25.47 1.42 0.00	26.44 1.42 0.00	26.97 1.48 0.00	27.69 1.52 0.00	27.86 1.43 0.00	34.75 1.75 0.00	42.26 1.80 0.00	53.24 1.97 0.00	47.37 1.48 0.00	41.78 1.41 0.00	41.95 1.38 0.00	40.04 1.40 0.00	39.76 1.28 0.00
ASTORIA_GT_11 24225	30.90 1.03 0.00	27.57 0.83 0.00	26.91 0.80 0.00	27.73 0.77 0.00	28.10 0.80 0.00	31.88 0.87 0.00	31.21 1.00 0.00	35.26 1.39 0.00	33.65 1.50 0.00	27.78 1.56 0.00	26.57 1.43 0.00	25.47 1.42 0.00	26.44 1.42 0.00	26.97 1.48 0.00	27.69 1.52 0.00	27.86 1.43 0.00	34.75 1.75 0.00	42.26 1.80 0.00	53.24 1.97 0.00	47.37 1.48 0.00	41.78 1.41 0.00	41.95 1.38 0.00	40.04 1.40 0.00	39.76 1.28 0.00
ASTORIA_GT_12 24226	30.90 1.03 0.00	27.57 0.83 0.00	26.91 0.80 0.00	27.73 0.77 0.00	28.10 0.80 0.00	31.88 0.87 0.00	31.21 1.00 0.00	35.26 1.39 0.00	33.65 1.50 0.00	27.78 1.56 0.00	26.57 1.43 0.00	25.47 1.42 0.00	26.44 1.42 0.00	26.97 1.48 0.00	27.69 1.52 0.00	27.86 1.43 0.00	34.75 1.75 0.00	42.26 1.80 0.00	53.24 1.97 0.00	47.37 1.48 0.00	41.78 1.41 0.00	41.95 1.38 0.00	40.04 1.40 0.00	39.76 1.28 0.00
ASTORIA_GT_13 24227	30.90 1.03 0.00	27.57 0.83 0.00	26.91 0.80 0.00	27.73 0.77 0.00	28.10 0.80 0.00	31.88 0.87 0.00	31.21 1.00 0.00	35.26 1.39 0.00	33.65 1.50 0.00	27.78 1.56 0.00	26.57 1.43 0.00	25.47 1.42 0.00	26.44 1.42 0.00	26.97 1.48 0.00	27.69 1.52 0.00	27.86 1.43 0.00	34.75 1.75 0.00	42.26 1.80 0.00	53.24 1.97 0.00	47.37 1.48 0.00	41.78 1.41 0.00	41.95 1.38 0.00	40.04 1.40 0.00	39.76 1.28 0.00
ASTORIA_GT_5 24106	30.81 0.94 0.01	27.50 0.76 0.00	26.78 0.68 0.00	27.61 0.65 0.00	27.96 0.67 0.01	31.73 0.73 0.01	31.06 0.86 0.01	35.12 1.25 0.00	33.49 1.35 0.00	27.72 1.50 0.00	26.49 1.35 0.00	25.36 1.30 0.00	26.30 1.28 0.00	26.84 1.35 0.00	27.58 1.41 0.00	27.68 1.25 0.00	34.59 1.59 0.00	42.15 1.69 0.00	53.24 1.97 0.00	47.39 1.51 0.00	41.81 1.43 0.00	41.91 1.33 0.00	40.00 1.36 0.00	39.74 1.26 0.00
ASTORIA_GT_7 24107	30.81 0.94 0.01	27.50 0.76 0.00	26.78 0.68 0.00	27.61 0.65 0.00	27.96 0.67 0.01	31.73 0.73 0.01	31.06 0.86 0.01	35.12 1.25 0.00	33.49 1.35 0.00	27.72 1.50 0.00	26.49 1.35 0.00	25.36 1.30 0.00	26.30 1.28 0.00	26.84 1.35 0.00	27.58 1.41 0.00	27.68 1.25 0.00	34.59 1.59 0.00	42.15 1.69 0.00	53.24 1.97 0.00	47.39 1.51 0.00	41.81 1.43 0.00	41.91 1.33 0.00	40.00 1.36 0.00	39.74 1.26 0.00
ASTORIA_GT_8 24108	30.81 0.94 0.01	27.50 0.76 0.00	26.78 0.68 0.00	27.61 0.65 0.00	27.96 0.67 0.01	31.73 0.73 0.01	31.06 0.86 0.01	35.12 1.25 0.00	33.49 1.35 0.00	27.72 1.50 0.00	26.49 1.35 0.00	25.36 1.30 0.00	26.30 1.28 0.00	26.84 1.35 0.00	27.58 1.41 0.00	27.68 1.25 0.00	34.59 1.59 0.00	42.15 1.69 0.00	53.24 1.97 0.00	47.39 1.51 0.00	41.81 1.43 0.00	41.91 1.33 0.00	40.00 1.36 0.00	39.74 1.26 0.00
ASTORIA___2 24149	30.76 0.89 0.01	27.47 0.73 0.00	26.75 0.64 0.00	27.58 0.62 0.00	27.93 0.63 0.01	31.69 0.69 0.01	31.01 0.81 0.01	35.08 1.20 0.00	33.44 1.30 0.00	27.67 1.45 0.00	26.45 1.31 0.00	25.33 1.27 0.00	26.26 1.24 0.00	26.80 1.31 0.00	27.53 1.36 0.00	27.63 1.21 0.00	34.53 1.53 0.00	42.08 1.62 0.00	53.15 1.88 0.00	47.30 1.42 0.00	41.73 1.35 0.00	41.84 1.26 0.00	39.93 1.29 0.00	39.68 1.20 0.00
ASTORIA___3 23516	30.90 1.03 0.00	27.57 0.83 0.00	26.91 0.80 0.00	27.73 0.77 0.00	28.10 0.80 0.00	31.88 0.87 0.00	31.21 1.00 0.00	35.26 1.39 0.00	33.65 1.50 0.00	27.78 1.56 0.00	26.57 1.43 0.00	25.47 1.41 0.00	26.43 1.41 0.00	26.97 1.48 0.00	27.69 1.52 0.00	27.86 1.43 0.00	34.75 1.75 0.00	42.26 1.80 0.00	53.24 1.97 0.00	47.37 1.48 0.00	41.78 1.41 0.00	41.95 1.38 0.00	40.04 1.40 0.00	39.76 1.28 0.00
ASTORIA___4 23517	30.90 1.03 0.00	27.57 0.83 0.00	26.91 0.80 0.00	27.73 0.77 0.00	28.10 0.80 0.00	31.88 0.87 0.00	31.21 1.00 0.00	35.26 1.39 0.00	33.65 1.50 0.00	27.78 1.56 0.00	26.57 1.43 0.00	25.47 1.42 0.00	26.44 1.42 0.00	26.97 1.48 0.00	27.69 1.52 0.00	27.86 1.43 0.00	34.75 1.75 0.00	42.26 1.80 0.00	53.24 1.97 0.00	47.37 1.48 0.00	41.78 1.41 0.00	41.95 1.38 0.00	40.04 1.40 0.00	39.76 1.28 0.00
ASTORIA___5 23518	30.90 1.03 0.00	27.57 0.83 0.00	26.91 0.80 0.00	27.73 0.77 0.00	28.10 0.80 0.00	31.88 0.87 0.00	31.21 1.00 0.00	35.26 1.39 0.00	33.64 1.50 0.00	27.78 1.56 0.00	26.57 1.43 0.00	25.47 1.41 0.00	26.43 1.41 0.00	26.97 1.48 0.00	27.69 1.52 0.00	27.86 1.43 0.00	34.75 1.75 0.00	42.26 1.80 0.00	53.23 1.97 0.00	47.37 1.48 0.00	41.78 1.41 0.00	41.95 1.38 0.00	40.04 1.40 0.00	39.76 1.28 0.00
AST_ENERGY_2_CC3 323677	30.82 0.94 0.00	27.49 0.75 0.00	26.83 0.73 0.00	27.65 0.69 0.00	28.01 0.71 0.00	31.80 0.78 0.00	31.12 0.91 0.00	35.17 1.29 0.00	33.56 1.42 0.00	27.69 1.47 0.00	26.49 1.34 0.00	25.41 1.35 0.00	26.38 1.36 0.00	26.90 1.41 0.00	27.60 1.43 0.00	27.80 1.37 0.00	34.69 1.69 0.00	42.18 1.71 0.00	53.19 1.93 0.00	47.31 1.43 0.00	41.67 1.29 0.00	41.86 1.29 0.00	39.97 1.33 0.00	39.69 1.21 0.00
AST_ENERGY_2_CC4 323678	30.82 0.94 0.00	27.49 0.75 0.00	26.83 0.73 0.00	27.65 0.69 0.00	28.01 0.71 0.00	31.80 0.78 0.00	31.12 0.91 0.00	35.17 1.29 0.00	33.56 1.42 0.00	27.69 1.47 0.00	26.49 1.34 0.00	25.41 1.35 0.00	26.38 1.36 0.00	26.90 1.41 0.00	27.60 1.43 0.00	27.80 1.37 0.00	34.69 1.69 0.00	42.18 1.71 0.00	53.19 1.93 0.00	47.31 1.43 0.00	41.67 1.29 0.00	41.86 1.29 0.00	39.97 1.33 0.00	39.69 1.21 0.00

ATHENS_STG_1 23668	30.32 0.45 0.00	27.09 0.35 0.00	26.42 0.32 0.00	27.27 0.31 0.00	27.65 0.35 0.00	31.43 0.41 0.00	30.70 0.50 0.00	34.62 0.75 0.00	32.91 0.76 0.00	26.93 0.71 0.00	25.81 0.66 0.00	24.72 0.66 0.00	25.74 0.72 0.00	26.20 0.71 0.00	26.83 0.65 0.00	27.10 0.67 0.00	33.90 0.90 0.00	41.42 0.96 0.00	52.34 1.07 0.00	46.66 0.78 0.00	41.07 0.70 0.00	41.23 0.65 0.00	39.32 0.68 0.00	39.13 0.65 0.00
ATHENS_STG_2 23670	30.32 0.45 0.00	27.09 0.35 0.00	26.42 0.32 0.00	27.27 0.31 0.00	27.65 0.35 0.00	31.43 0.41 0.00	30.70 0.50 0.00	34.62 0.75 0.00	32.91 0.76 0.00	26.93 0.71 0.00	25.81 0.66 0.00	24.72 0.66 0.00	25.74 0.72 0.00	26.20 0.71 0.00	26.83 0.65 0.00	27.10 0.67 0.00	33.90 0.90 0.00	41.42 0.96 0.00	52.34 1.07 0.00	46.66 0.78 0.00	41.07 0.70 0.00	41.23 0.65 0.00	39.32 0.68 0.00	39.13 0.65 0.00
ATHENS_STG_3 23677	30.32 0.45 0.00	27.09 0.35 0.00	26.42 0.32 0.00	27.27 0.31 0.00	27.65 0.35 0.00	31.43 0.41 0.00	30.70 0.50 0.00	34.62 0.75 0.00	32.91 0.76 0.00	26.93 0.71 0.00	25.81 0.66 0.00	24.72 0.66 0.00	25.74 0.72 0.00	26.20 0.71 0.00	26.83 0.65 0.00	27.10 0.67 0.00	33.90 0.90 0.00	41.42 0.96 0.00	52.34 1.07 0.00	46.66 0.78 0.00	41.07 0.70 0.00	41.23 0.65 0.00	39.32 0.68 0.00	39.13 0.65 0.00
AUBURN___LFGE 323710	29.47 -0.40 0.00	26.47 -0.27 0.00	25.76 -0.34 0.00	26.78 -0.18 0.00	27.15 -0.15 0.00	30.94 -0.07 0.00	29.99 -0.21 0.00	33.73 -0.14 0.00	31.97 -0.18 0.00	26.02 -0.20 0.00	24.87 -0.27 0.00	23.70 -0.36 0.00	24.79 -0.23 0.00	25.30 -0.19 0.00	26.05 -0.12 0.00	26.17 -0.26 0.00	32.74 -0.26 0.00	40.32 -0.14 0.00	50.93 -0.34 0.00	45.83 -0.05 0.00	40.17 -0.20 0.00	40.19 -0.38 0.00	38.04 -0.59 0.00	37.92 -0.56 0.00
BABYLON_RES_REC 323704	31.01 1.14 0.00	27.69 0.95 0.00	26.99 0.89 0.00	27.75 0.79 0.00	28.15 0.85 0.00	32.05 1.04 0.00	31.34 1.13 0.00	35.57 1.69 0.00	33.74 1.60 0.00	27.78 1.56 0.00	26.60 1.45 0.00	25.43 1.37 0.00	26.39 1.37 0.00	26.88 1.39 0.00	27.73 1.56 0.00	27.88 1.45 0.00	34.74 1.74 0.00	42.32 1.85 0.00	53.24 1.98 0.00	47.49 1.61 0.00	41.89 1.51 0.00	42.10 1.53 0.00	40.61 1.97 0.00	40.26 1.78 0.00
BABYLON__69_KV_BK2 356345	31.25 1.38 0.00	27.90 1.16 0.00	27.20 1.10 0.00	27.96 1.00 0.00	28.37 1.07 0.00	32.31 1.30 0.00	31.59 1.38 0.00	35.87 2.00 0.00	34.03 1.89 0.00	28.03 1.81 0.00	26.83 1.68 0.00	25.64 1.58 0.00	26.61 1.59 0.00	27.10 1.62 0.00	27.98 1.80 0.00	28.11 1.68 0.00	35.04 2.05 0.00	42.71 2.25 0.00	53.72 2.46 0.00	47.97 2.09 0.00	42.31 1.94 0.00	42.50 1.93 0.00	40.99 2.35 0.00	40.63 2.15 0.00
BALL_HILL_WT_PWR 323825	28.56 -1.31 0.00	25.66 -1.08 0.00	25.17 -0.93 0.00	26.41 -0.55 0.00	26.77 -0.53 0.00	30.52 -0.49 0.00	29.61 -0.60 0.00	33.16 -0.72 0.00	31.46 -0.68 0.00	25.81 -0.41 0.00	24.62 -0.52 0.00	23.65 -0.40 0.00	24.53 -0.49 0.00	25.18 -0.31 0.00	26.11 -0.06 0.00	26.00 -0.43 0.00	31.88 -1.11 0.00	39.12 -1.34 0.00	49.85 -1.42 0.00	45.11 -0.78 0.00	39.03 -1.34 0.00	38.94 -1.63 0.00	37.14 -1.50 0.00	37.23 -1.25 0.00
BARON_WINDS___WT_PWR 323822	28.75 -1.12 0.00	25.79 -0.96 0.00	25.27 -0.83 0.00	26.41 -0.55 0.00	26.81 -0.49 0.00	30.58 -0.43 0.00	29.75 -0.46 0.00	33.40 -0.48 0.00	31.53 -0.61 0.00	25.69 -0.53 0.00	24.57 -0.58 0.00	23.46 -0.60 0.00	24.43 -0.59 0.00	25.06 -0.43 0.00	25.87 -0.31 0.00	25.89 -0.54 0.00	32.08 -0.92 0.00	39.56 -0.90 0.00	50.43 -0.84 0.00	45.28 -0.60 0.00	39.28 -1.10 0.00	39.29 -1.29 0.00	37.45 -1.18 0.00	37.60 -0.88 0.00
BARRETT_IC_1 23704	30.73 0.86 0.00	27.44 0.69 0.00	26.74 0.64 0.00	27.52 0.56 0.00	27.90 0.60 0.00	31.74 0.73 0.00	31.03 0.82 0.00	35.13 1.26 0.00	33.37 1.23 0.00	27.56 1.35 0.00	26.49 1.31 -0.03	25.30 1.25 0.00	26.28 1.26 0.00	26.80 1.30 -0.01	30.90 1.45 -3.28	38.71 1.37 -10.92	34.59 1.55 -0.04	41.98 1.52 0.00	52.80 1.53 0.00	47.02 1.14 0.00	41.50 1.12 0.00	41.79 1.21 -0.02	43.01 1.64 -2.74	45.91 1.42 -6.02
BARRETT_IC_10 23701	30.73 0.86 0.00	27.44 0.69 0.00	26.74 0.64 0.00	27.52 0.56 0.00	27.90 0.60 0.00	31.74 0.73 0.00	31.03 0.82 0.00	35.13 1.26 0.00	33.37 1.23 0.00	27.56 1.35 0.00	26.49 1.31 -0.03	25.30 1.25 0.00	26.28 1.26 0.00	26.80 1.30 -0.01	30.90 1.45 -3.28	38.71 1.37 -10.92	34.59 1.55 -0.04	41.98 1.52 0.00	52.80 1.53 0.00	47.02 1.14 0.00	41.50 1.12 0.00	41.79 1.21 -0.02	43.01 1.64 -2.74	45.91 1.42 -6.02
BARRETT_IC_11 23702	30.73 0.86 0.00	27.44 0.69 0.00	26.74 0.64 0.00	27.52 0.56 0.00	27.90 0.60 0.00	31.74 0.73 0.00	31.03 0.82 0.00	35.13 1.26 0.00	33.37 1.23 0.00	27.56 1.35 0.00	26.49 1.31 -0.03	25.30 1.25 0.00	26.28 1.26 0.00	26.80 1.30 -0.01	30.90 1.45 -3.28	38.71 1.37 -10.92	34.59 1.55 -0.04	41.98 1.52 0.00	52.80 1.53 0.00	47.02 1.14 0.00	41.50 1.12 0.00	41.79 1.21 -0.02	43.01 1.64 -2.74	45.91 1.42 -6.02
BARRETT_IC_12 23703	30.73 0.86 0.00	27.44 0.69 0.00	26.74 0.64 0.00	27.52 0.56 0.00	27.90 0.60 0.00	31.74 0.73 0.00	31.03 0.82 0.00	35.13 1.26 0.00	33.37 1.23 0.00	27.56 1.35 0.00	26.49 1.31 -0.03	25.30 1.25 0.00	26.28 1.26 0.00	26.80 1.30 -0.01	30.90 1.45 -3.28	38.71 1.37 -10.92	34.59 1.55 -0.04	41.98 1.52 0.00	52.80 1.53 0.00	47.02 1.14 0.00	41.50 1.12 0.00	41.79 1.21 -0.02	43.01 1.64 -2.74	45.91 1.42 -6.02
BARRETT_IC_2 23705	30.73 0.86 0.00	27.44 0.69 0.00	26.74 0.64 0.00	27.52 0.56 0.00	27.90 0.60 0.00	31.74 0.73 0.00	31.03 0.82 0.00	35.13 1.26 0.00	33.37 1.23 0.00	27.56 1.35 0.00	26.49 1.31 -0.03	25.30 1.25 0.00	26.28 1.26 0.00	26.80 1.30 -0.01	30.90 1.45 -3.28	38.71 1.37 -10.92	34.59 1.55 -0.04	41.98 1.52 0.00	52.80 1.53 0.00	47.02 1.14 0.00	41.50 1.12 0.00	41.79 1.21 -0.02	43.01 1.64 -2.74	45.91 1.42 -6.02
BARRETT_IC_3 23706	30.73 0.86 0.00	27.44 0.69 0.00	26.74 0.64 0.00	27.52 0.56 0.00	27.90 0.60 0.00	31.74 0.73 0.00	31.03 0.82 0.00	35.13 1.26 0.00	33.37 1.23 0.00	27.56 1.35 0.00	26.49 1.31 -0.03	25.30 1.25 0.00	26.28 1.26 0.00	26.80 1.30 -0.01	30.90 1.45 -3.28	38.71 1.37 -10.92	34.59 1.55 -0.04	41.98 1.52 0.00	52.80 1.53 0.00	47.02 1.14 0.00	41.50 1.12 0.00	41.79 1.21 -0.02	43.01 1.64 -2.74	45.91 1.42 -6.02
BARRETT_IC_4 23707	30.73 0.86 0.00	27.44 0.69 0.00	26.74 0.64 0.00	27.52 0.56 0.00	27.90 0.60 0.00	31.74 0.73 0.00	31.03 0.82 0.00	35.13 1.26 0.00	33.37 1.23 0.00	27.56 1.35 0.00	26.49 1.31 -0.03	25.30 1.25 0.00	26.28 1.26 0.00	26.80 1.30 -0.01	30.90 1.45 -3.28	38.71 1.37 -10.92	34.59 1.55 -0.04	41.98 1.52 0.00	52.80 1.53 0.00	47.02 1.14 0.00	41.50 1.12 0.00	41.79 1.21 -0.02	43.01 1.64 -2.74	45.91 1.42 -6.02

BARRETT_IC_5 23708	30.73 0.86 0.00	27.44 0.69 0.00	26.74 0.64 0.00	27.52 0.56 0.00	27.90 0.60 0.00	31.74 0.73 0.00	31.03 0.82 0.00	35.13 1.26 0.00	33.37 1.23 0.00	27.56 1.35 0.00	26.49 1.31 -0.03	25.30 1.25 0.00	26.28 1.26 0.00	26.80 1.30 -0.01	30.90 1.45 -3.28	38.71 1.37 -10.92	34.59 1.55 -0.04	41.98 1.52 0.00	52.80 1.53 0.00	47.02 1.14 0.00	41.50 1.12 0.00	41.79 1.21 -0.02	43.01 1.64 -2.74	45.91 1.42 -6.02
BARRETT_IC_6 23709	30.73 0.86 0.00	27.44 0.69 0.00	26.74 0.64 0.00	27.52 0.56 0.00	27.90 0.60 0.00	31.74 0.73 0.00	31.03 0.82 0.00	35.13 1.26 0.00	33.37 1.23 0.00	27.56 1.35 0.00	26.49 1.31 -0.03	25.30 1.25 0.00	26.28 1.26 0.00	26.80 1.30 -0.01	30.90 1.45 -3.28	38.71 1.37 -10.92	34.59 1.55 -0.04	41.98 1.52 0.00	52.80 1.53 0.00	47.02 1.14 0.00	41.50 1.12 0.00	41.79 1.21 -0.02	43.01 1.64 -2.74	45.91 1.42 -6.02
BARRETT_IC_7 23710	30.73 0.86 0.00	27.43 0.69 0.00	26.74 0.64 0.00	27.53 0.57 0.00	27.91 0.61 0.00	31.74 0.73 0.00	31.03 0.82 0.00	35.13 1.25 0.00	33.37 1.23 0.00	27.56 1.35 0.00	26.48 1.31 -0.03	25.30 1.25 0.00	26.28 1.26 0.00	26.80 1.30 -0.01	30.90 1.45 -3.28	38.71 1.37 -10.92	34.58 1.55 -0.04	41.98 1.51 0.00	52.80 1.53 0.00	47.02 1.14 0.00	41.50 1.13 0.00	41.79 1.21 -0.02	43.01 1.64 -2.74	45.92 1.42 -6.02
BARRETT_IC_8 23711	30.73 0.86 0.00	27.44 0.69 0.00	26.74 0.64 0.00	27.52 0.56 0.00	27.90 0.60 0.00	31.74 0.73 0.00	31.03 0.82 0.00	35.13 1.26 0.00	33.37 1.23 0.00	27.56 1.35 0.00	26.49 1.31 -0.03	25.30 1.25 0.00	26.28 1.26 0.00	26.80 1.30 -0.01	30.90 1.45 -3.28	38.71 1.37 -10.92	34.59 1.55 -0.04	41.98 1.52 0.00	52.80 1.53 0.00	47.02 1.14 0.00	41.50 1.12 0.00	41.79 1.21 -0.02	43.01 1.64 -2.74	45.91 1.42 -6.02
BARRETT_IC_9 23700	30.73 0.86 0.00	27.44 0.69 0.00	26.74 0.64 0.00	27.52 0.56 0.00	27.90 0.60 0.00	31.74 0.73 0.00	31.03 0.82 0.00	35.13 1.26 0.00	33.37 1.23 0.00	27.56 1.35 0.00	26.49 1.31 -0.03	25.30 1.25 0.00	26.28 1.26 0.00	26.80 1.30 -0.01	30.90 1.45 -3.28	38.71 1.37 -10.92	34.59 1.55 -0.04	41.98 1.52 0.00	52.80 1.53 0.00	47.02 1.14 0.00	41.50 1.12 0.00	41.79 1.21 -0.02	43.01 1.64 -2.74	45.91 1.42 -6.02
BARRETT___1 23545	30.73 0.86 0.00	27.44 0.69 0.00	26.74 0.64 0.00	27.52 0.56 0.00	27.90 0.60 0.00	31.74 0.73 0.00	31.03 0.82 0.00	35.13 1.26 0.00	33.37 1.23 0.00	27.56 1.35 0.00	26.49 1.31 -0.03	25.30 1.25 0.00	26.28 1.26 0.00	26.80 1.30 -0.01	30.90 1.45 -3.28	38.71 1.37 -10.92	34.59 1.55 -0.04	41.98 1.52 0.00	52.80 1.53 0.00	47.02 1.14 0.00	41.50 1.12 0.00	41.79 1.21 -0.02	43.01 1.64 -2.74	45.91 1.42 -6.02
BARRETT___2 23546	30.73 0.86 0.00	27.44 0.69 0.00	26.74 0.64 0.00	27.52 0.56 0.00	27.90 0.60 0.00	31.74 0.73 0.00	31.03 0.82 0.00	35.13 1.26 0.00	33.37 1.23 0.00	27.56 1.35 0.00	26.49 1.31 -0.03	25.30 1.25 0.00	26.28 1.26 0.00	26.80 1.30 -0.01	30.90 1.45 -3.28	38.71 1.37 -10.92	34.59 1.55 -0.04	41.98 1.52 0.00	52.80 1.53 0.00	47.02 1.14 0.00	41.50 1.12 0.00	41.79 1.21 -0.02	43.01 1.64 -2.74	45.91 1.42 -6.02
BATAVIA___115KV_TB1 55881	28.98 -0.90 0.00	26.05 -0.69 0.00	25.48 -0.62 0.00	26.69 -0.27 0.00	27.04 -0.26 0.00	30.82 -0.19 0.00	29.93 -0.28 0.00	33.42 -0.45 0.00	31.73 -0.42 0.00	25.83 -0.39 0.00	24.58 -0.56 0.00	23.56 -0.50 0.00	24.65 -0.37 0.00	25.35 -0.14 0.00	26.34 0.17 0.00	26.15 -0.28 0.00	32.10 -0.89 0.00	39.57 -0.89 0.00	50.38 -0.88 0.00	45.55 -0.33 0.00	39.43 -0.95 0.00	39.12 -1.45 0.00	37.33 -1.31 0.00	37.37 -1.11 0.00
BAYONEEC___CTG1 323682	30.86 0.98 0.00	27.54 0.79 0.00	26.85 0.75 0.00	27.69 0.73 0.00	28.04 0.74 0.00	31.85 0.84 0.00	31.17 0.97 0.00	35.23 1.35 0.00	33.60 1.46 0.00	27.70 1.48 0.00	26.50 1.36 0.00	25.41 1.36 0.00	26.38 1.36 0.00	26.92 1.42 0.00	27.63 1.46 0.00	27.82 1.39 0.00	34.73 1.73 0.00	42.22 1.75 0.00	53.23 1.97 0.00	47.36 1.47 0.00	41.71 1.33 0.00	41.92 1.35 0.00	40.03 1.39 0.00	39.74 1.26 0.00
BAYONEEC___CTG10 323750	30.86 0.98 0.00	27.54 0.79 0.00	26.85 0.75 0.00	27.69 0.73 0.00	28.04 0.74 0.00	31.85 0.84 0.00	31.17 0.97 0.00	35.23 1.35 0.00	33.60 1.46 0.00	27.70 1.48 0.00	26.50 1.36 0.00	25.41 1.36 0.00	26.38 1.36 0.00	26.92 1.42 0.00	27.63 1.46 0.00	27.82 1.39 0.00	34.73 1.73 0.00	42.22 1.75 0.00	53.23 1.97 0.00	47.36 1.47 0.00	41.71 1.33 0.00	41.92 1.35 0.00	40.03 1.39 0.00	39.74 1.26 0.00
BAYONEEC___CTG2 323683	30.86 0.98 0.00	27.54 0.79 0.00	26.85 0.75 0.00	27.69 0.73 0.00	28.04 0.74 0.00	31.85 0.84 0.00	31.17 0.97 0.00	35.23 1.35 0.00	33.60 1.46 0.00	27.70 1.48 0.00	26.50 1.36 0.00	25.41 1.36 0.00	26.38 1.36 0.00	26.92 1.42 0.00	27.63 1.46 0.00	27.82 1.39 0.00	34.73 1.73 0.00	42.22 1.75 0.00	53.23 1.97 0.00	47.36 1.47 0.00	41.71 1.33 0.00	41.92 1.35 0.00	40.03 1.39 0.00	39.74 1.26 0.00
BAYONEEC___CTG3 323684	30.86 0.98 0.00	27.54 0.79 0.00	26.85 0.75 0.00	27.69 0.73 0.00	28.04 0.74 0.00	31.85 0.84 0.00	31.17 0.97 0.00	35.23 1.35 0.00	33.60 1.46 0.00	27.70 1.48 0.00	26.50 1.36 0.00	25.41 1.36 0.00	26.38 1.36 0.00	26.92 1.42 0.00	27.63 1.46 0.00	27.82 1.39 0.00	34.73 1.73 0.00	42.22 1.75 0.00	53.23 1.97 0.00	47.36 1.47 0.00	41.71 1.33 0.00	41.92 1.35 0.00	40.03 1.39 0.00	39.74 1.26 0.00
BAYONEEC___CTG4 323685	30.86 0.98 0.00	27.54 0.79 0.00	26.85 0.75 0.00	27.69 0.73 0.00	28.04 0.74 0.00	31.85 0.84 0.00	31.17 0.97 0.00	35.23 1.35 0.00	33.60 1.46 0.00	27.70 1.48 0.00	26.50 1.36 0.00	25.41 1.36 0.00	26.38 1.36 0.00	26.92 1.42 0.00	27.63 1.46 0.00	27.82 1.39 0.00	34.73 1.73 0.00	42.22 1.75 0.00	53.23 1.97 0.00	47.36 1.47 0.00	41.71 1.33 0.00	41.92 1.35 0.00	40.03 1.39 0.00	39.74 1.26 0.00
BAYONEEC___CTG5 323686	30.86 0.98 0.00	27.54 0.79 0.00	26.85 0.75 0.00	27.69 0.73 0.00	28.04 0.74 0.00	31.85 0.84 0.00	31.17 0.97 0.00	35.23 1.35 0.00	33.60 1.46 0.00	27.70 1.48 0.00	26.50 1.36 0.00	25.41 1.36 0.00	26.38 1.36 0.00	26.92 1.42 0.00	27.63 1.46 0.00	27.82 1.39 0.00	34.73 1.73 0.00	42.22 1.75 0.00	53.23 1.97 0.00	47.36 1.47 0.00	41.71 1.33 0.00	41.92 1.35 0.00	40.03 1.39 0.00	39.74 1.26 0.00
BAYONEEC___CTG6 323687	30.86 0.98 0.00	27.54 0.79 0.00	26.85 0.75 0.00	27.69 0.73 0.00	28.04 0.74 0.00	31.85 0.84 0.00	31.17 0.97 0.00	35.23 1.35 0.00	33.60 1.46 0.00	27.70 1.48 0.00	26.50 1.36 0.00	25.41 1.36 0.00	26.38 1.36 0.00	26.92 1.42 0.00	27.63 1.46 0.00	27.82 1.39 0.00	34.73 1.73 0.00	42.22 1.75 0.00	53.23 1.97 0.00	47.36 1.47 0.00	41.71 1.33 0.00	41.92 1.35 0.00	40.03 1.39 0.00	39.74 1.26 0.00

BAYONEEC___CTG7 323688	30.86 0.98 0.00	27.54 0.79 0.00	26.85 0.75 0.00	27.69 0.73 0.00	28.04 0.74 0.00	31.85 0.84 0.00	31.17 0.97 0.00	35.23 1.35 0.00	33.60 1.46 0.00	27.70 1.48 0.00	26.50 1.36 0.00	25.41 1.36 0.00	26.38 1.36 0.00	26.92 1.42 0.00	27.63 1.46 0.00	27.82 1.39 0.00	34.73 1.73 0.00	42.22 1.75 0.00	53.23 1.97 0.00	47.36 1.47 0.00	41.71 1.33 0.00	41.92 1.35 0.00	40.03 1.39 0.00	39.74 1.26 0.00
BAYONEEC___CTG8 323689	30.86 0.98 0.00	27.54 0.79 0.00	26.85 0.75 0.00	27.69 0.73 0.00	28.04 0.74 0.00	31.85 0.84 0.00	31.17 0.97 0.00	35.23 1.35 0.00	33.60 1.46 0.00	27.70 1.48 0.00	26.50 1.36 0.00	25.41 1.36 0.00	26.38 1.36 0.00	26.92 1.42 0.00	27.63 1.46 0.00	27.82 1.39 0.00	34.73 1.73 0.00	42.22 1.75 0.00	53.23 1.97 0.00	47.36 1.47 0.00	41.71 1.33 0.00	41.92 1.35 0.00	40.03 1.39 0.00	39.74 1.26 0.00
BAYONEEC___CTG9 323749	30.86 0.98 0.00	27.54 0.79 0.00	26.85 0.75 0.00	27.69 0.73 0.00	28.04 0.74 0.00	31.85 0.84 0.00	31.17 0.97 0.00	35.23 1.35 0.00	33.60 1.46 0.00	27.70 1.48 0.00	26.50 1.36 0.00	25.41 1.36 0.00	26.38 1.36 0.00	26.92 1.42 0.00	27.63 1.46 0.00	27.82 1.39 0.00	34.73 1.73 0.00	42.22 1.75 0.00	53.23 1.97 0.00	47.36 1.47 0.00	41.71 1.33 0.00	41.92 1.35 0.00	40.03 1.39 0.00	39.74 1.26 0.00
BEACON___LESR 323632	30.58 0.71 0.00	27.29 0.55 0.00	26.58 0.48 0.00	27.46 0.50 0.00	27.86 0.56 0.00	31.72 0.72 0.00	31.03 0.83 0.00	35.03 1.15 0.00	33.19 1.04 0.00	27.02 0.80 0.00	25.79 0.64 0.00	24.69 0.63 0.00	25.69 0.68 0.00	26.18 0.69 0.00	26.87 0.69 0.00	27.23 0.80 0.00	34.23 1.23 0.00	41.96 1.50 0.00	53.02 1.75 0.00	47.28 1.39 0.00	41.56 1.18 0.00	41.66 1.09 0.00	39.65 1.01 0.00	39.50 1.02 0.00
BEAVER RIVER___HYD 24048	30.41 0.54 0.00	27.39 0.65 0.00	26.94 0.83 0.00	27.83 0.87 0.00	28.12 0.82 0.00	31.49 0.48 0.00	30.47 0.27 0.00	34.05 0.18 0.00	32.34 0.20 0.00	27.58 0.03 -1.34	24.95 -0.19 0.00	23.48 -0.58 0.00	24.19 -0.83 0.00	25.96 -0.86 -1.33	28.42 -0.45 -2.70	28.95 -0.20 -2.72	33.16 0.16 0.00	41.02 0.55 0.00	52.59 1.32 0.00	47.27 1.39 0.00	42.05 1.68 0.00	42.28 1.71 0.00	40.09 1.45 0.00	39.85 1.38 0.00
BEEBEE_GT_13 23619	28.85 -1.03 0.00	25.89 -0.85 0.00	25.31 -0.79 0.00	26.38 -0.58 0.00	26.74 -0.56 0.00	30.45 -0.56 0.00	29.59 -0.62 0.00	33.13 -0.75 0.00	31.45 -0.69 0.00	25.67 -0.55 0.00	24.57 -0.57 0.00	23.59 -0.47 0.00	24.54 -0.48 0.00	25.17 -0.32 0.00	26.03 -0.14 0.00	26.03 -0.40 0.00	32.14 -0.86 0.00	39.51 -0.96 0.00	50.18 -1.09 0.00	45.22 -0.67 0.00	39.32 -1.05 0.00	39.15 -1.42 0.00	37.29 -1.34 0.00	37.24 -1.23 0.00
BENSHRST_27_KV_BENSHRST_1 355998	31.19 1.32 0.00	27.82 1.08 0.00	27.16 1.06 0.00	28.01 1.05 0.00	28.38 1.08 0.00	32.21 1.20 0.00	31.54 1.33 0.00	35.63 1.76 0.00	34.02 1.87 0.00	28.06 1.84 0.00	26.85 1.70 0.00	25.73 1.67 0.00	26.70 1.68 0.00	27.23 1.75 0.00	27.97 1.81 0.00	28.13 1.70 0.00	35.10 2.10 0.00	42.69 2.22 0.00	53.80 2.53 0.00	47.87 1.99 0.00	42.25 1.88 0.00	42.36 1.80 0.00	40.47 1.83 0.00	40.15 1.67 0.00
BETHLEHEM___GRP 23843	30.18 0.31 0.00	26.98 0.24 0.00	26.31 0.21 0.00	27.15 0.20 0.00	27.54 0.24 0.00	31.31 0.30 0.00	30.61 0.41 0.00	34.49 0.62 0.00	32.72 0.58 0.00	26.67 0.45 0.00	25.50 0.36 0.00	24.46 0.40 0.00	25.42 0.40 0.00	25.90 0.41 0.00	26.55 0.37 0.00	26.90 0.47 0.00	33.71 0.71 0.00	41.27 0.80 0.00	52.21 0.95 0.00	46.51 0.63 0.00	40.97 0.60 0.00	41.05 0.48 0.00	39.14 0.50 0.00	39.00 0.52 0.00
BETHLEHEM___GS1 323560	30.18 0.31 0.00	26.98 0.24 0.00	26.31 0.21 0.00	27.15 0.19 0.00	27.54 0.24 0.00	31.31 0.30 0.00	30.61 0.41 0.00	34.49 0.62 0.00	32.72 0.58 0.00	26.68 0.46 0.00	25.51 0.36 0.00	24.45 0.39 0.00	25.42 0.40 0.00	25.89 0.41 0.00	26.55 0.37 0.00	26.91 0.48 0.00	33.72 0.72 0.00	41.27 0.80 0.00	52.21 0.95 0.00	46.51 0.63 0.00	40.97 0.60 0.00	41.05 0.48 0.00	39.13 0.49 0.00	39.00 0.52 0.00
BETHLEHEM___GS2 323561	30.18 0.31 0.00	26.98 0.24 0.00	26.31 0.21 0.00	27.15 0.19 0.00	27.54 0.24 0.00	31.31 0.30 0.00	30.61 0.41 0.00	34.49 0.62 0.00	32.72 0.58 0.00	26.68 0.46 0.00	25.51 0.36 0.00	24.45 0.39 0.00	25.42 0.40 0.00	25.89 0.41 0.00	26.55 0.37 0.00	26.91 0.48 0.00	33.72 0.72 0.00	41.27 0.80 0.00	52.21 0.95 0.00	46.51 0.63 0.00	40.97 0.60 0.00	41.05 0.48 0.00	39.13 0.49 0.00	39.00 0.52 0.00
BETHLEHEM___GS3 323562	30.18 0.31 0.00	26.98 0.24 0.00	26.31 0.21 0.00	27.15 0.19 0.00	27.54 0.24 0.00	31.31 0.30 0.00	30.61 0.41 0.00	34.49 0.62 0.00	32.72 0.58 0.00	26.68 0.46 0.00	25.51 0.36 0.00	24.45 0.39 0.00	25.42 0.40 0.00	25.89 0.41 0.00	26.55 0.37 0.00	26.91 0.48 0.00	33.72 0.72 0.00	41.27 0.80 0.00	52.21 0.95 0.00	46.51 0.63 0.00	40.97 0.60 0.00	41.05 0.48 0.00	39.13 0.49 0.00	39.00 0.52 0.00
BETHLEHEM___STEEL 23779	28.57 -1.31 0.00	25.69 -1.05 0.00	25.17 -0.93 0.00	26.40 -0.56 0.00	26.76 -0.54 0.00	30.49 -0.52 0.00	29.57 -0.63 0.00	33.08 -0.80 0.00	31.39 -0.75 0.00	25.74 -0.48 0.00	24.60 -0.55 0.00	23.64 -0.42 0.00	24.53 -0.49 0.00	25.19 -0.30 0.00	26.11 -0.06 0.00	26.01 -0.43 0.00	31.84 -1.16 0.00	39.03 -1.43 0.00	49.66 -1.61 0.00	44.95 -0.93 0.00	38.87 -1.50 0.00	38.67 -1.90 0.00	36.92 -1.71 0.00	37.06 -1.42 0.00
BETHLHEM_115KV_TB1 79974	30.21 0.34 0.00	27.01 0.27 0.00	26.33 0.23 0.00	27.18 0.22 0.00	27.57 0.27 0.00	31.34 0.33 0.00	30.63 0.43 0.00	34.52 0.64 0.00	32.75 0.60 0.00	26.70 0.48 0.00	25.53 0.38 0.00	24.48 0.42 0.00	25.45 0.43 0.00	25.93 0.44 0.00	26.57 0.40 0.00	26.92 0.49 0.00	33.73 0.73 0.00	41.28 0.82 0.00	52.23 0.96 0.00	46.55 0.67 0.00	40.99 0.62 0.00	41.08 0.51 0.00	39.16 0.52 0.00	39.02 0.54 0.00
BETHPAGE_CC_5 323564	31.02 1.15 0.00	27.70 0.95 0.00	26.99 0.89 0.00	27.77 0.81 0.00	28.16 0.86 0.00	32.06 1.05 0.00	31.35 1.14 0.00	35.56 1.69 0.00	33.74 1.60 0.00	27.80 1.58 0.00	26.63 1.48 0.00	25.47 1.41 0.00	26.44 1.42 0.00	26.94 1.45 0.00	27.91 1.62 -0.12	28.35 1.52 -0.40	34.78 1.78 0.00	42.29 1.82 0.00	53.22 1.95 0.00	47.43 1.55 0.00	41.83 1.45 0.00	42.04 1.46 0.00	40.63 1.89 -0.10	40.40 1.75 -0.17
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	28.66 -1.22 0.00	25.77 -0.98 0.00	25.25 -0.85 0.00	26.48 -0.48 0.00	26.83 -0.47 0.00	30.59 -0.43 0.00	29.66 -0.54 0.00	33.19 -0.69 0.00	31.51 -0.64 0.00	25.84 -0.38 0.00	24.69 -0.46 0.00	23.72 -0.33 0.00	24.62 -0.40 0.00	25.27 -0.22 0.00	26.19 0.02 0.00	26.09 -0.34 0.00	31.96 -1.04 0.00	39.17 -1.29 0.00	49.86 -1.41 0.00	45.13 -0.75 0.00	39.01 -1.36 0.00	38.83 -1.74 0.00	37.07 -1.57 0.00	37.20 -1.28 0.00

BINGHAMTON___COGEN 23790	29.55 -0.32 0.00	26.41 -0.33 0.00	25.80 -0.30 0.00	26.78 -0.18 0.00	27.14 -0.16 0.00	30.89 -0.13 0.00	30.11 -0.10 0.00	33.83 -0.04 0.00	32.08 -0.06 0.00	26.21 -0.01 0.00	25.05 -0.09 0.00	23.96 -0.10 0.00	24.92 -0.10 0.00	25.42 -0.07 0.00	26.16 -0.02 0.00	26.35 -0.08 0.00	32.90 -0.10 0.00	40.38 -0.08 0.00	51.25 -0.02 0.00	45.99 0.10 0.00	40.27 -0.10 0.00	40.48 -0.10 0.00	38.48 -0.16 0.00	38.30 -0.18 0.00
BIXINCNT_115KV_LOAD 355685	28.92 -0.95 0.00	25.92 -0.82 0.00	25.44 -0.67 0.00	26.73 -0.23 0.00	27.10 -0.20 0.00	30.90 -0.11 0.00	30.02 -0.19 0.00	33.69 -0.19 0.00	32.02 -0.12 0.00	26.27 0.05 0.00	25.05 -0.09 0.00	24.01 -0.05 0.00	24.87 -0.15 0.00	25.47 -0.02 0.00	26.34 0.17 0.00	26.28 -0.15 0.00	32.23 -0.77 0.00	39.60 -0.87 0.00	50.65 -0.62 0.00	45.76 -0.12 0.00	39.53 -0.85 0.00	39.47 -1.10 0.00	37.68 -0.96 0.00	37.81 -0.67 0.00
BLACK RIVER___HYD 24047	30.33 0.45 0.00	27.31 0.57 0.00	26.86 0.76 0.00	27.79 0.84 0.00	28.09 0.79 0.00	31.42 0.41 0.00	30.40 0.19 0.00	33.96 0.09 0.00	32.24 0.09 0.00	27.07 -0.08 -0.94	24.72 -0.42 0.00	23.15 -0.91 0.00	23.89 -1.13 0.00	25.26 -1.15 -0.93	27.48 -0.58 -1.89	28.05 -0.28 -1.90	33.10 0.10 0.00	41.12 0.65 0.00	52.61 1.34 0.00	47.38 1.50 0.00	42.20 1.83 0.00	42.31 1.74 0.00	40.08 1.44 0.00	39.76 1.29 0.00
BLACKRVR_115KV_TB2 79977	30.32 0.45 0.00	27.31 0.57 0.00	26.86 0.76 0.00	27.79 0.84 0.00	28.09 0.79 0.00	31.43 0.41 0.00	30.40 0.19 0.00	33.96 0.08 0.00	32.24 0.09 0.00	27.07 -0.08 -0.94	24.72 -0.42 0.00	23.15 -0.91 0.00	23.89 -1.13 0.00	25.26 -1.16 -0.93	27.48 -0.58 -1.89	28.05 -0.28 -1.90	33.10 0.10 0.00	41.12 0.65 0.00	52.61 1.34 0.00	47.38 1.50 0.00	42.20 1.82 0.00	42.31 1.74 0.00	40.08 1.44 0.00	39.76 1.29 0.00
BLISS_WT_PWR 323608	28.91 -0.96 0.00	25.91 -0.83 0.00	25.44 -0.67 0.00	26.75 -0.21 0.00	27.12 -0.19 0.00	30.92 -0.09 0.00	30.03 -0.17 0.00	33.71 -0.17 0.00	32.05 -0.09 0.00	26.30 0.08 0.00	25.08 -0.07 0.00	24.04 -0.02 0.00	24.89 -0.13 0.00	25.48 -0.01 0.00	26.33 0.16 0.00	26.26 -0.17 0.00	32.19 -0.81 0.00	39.58 -0.88 0.00	50.67 -0.60 0.00	45.79 -0.09 0.00	39.52 -0.86 0.00	39.45 -1.12 0.00	37.67 -0.97 0.00	37.83 -0.65 0.00
BLUESTONE___WT_PWR 323821	30.04 0.17 0.00	26.83 0.09 0.00	26.10 -0.01 0.00	27.51 0.55 0.00	28.04 0.74 0.00	31.89 0.88 0.00	31.45 1.24 0.00	35.51 1.63 0.00	33.49 1.35 0.00	27.23 1.01 0.00	25.98 0.83 0.00	24.75 0.70 0.00	25.81 0.79 0.00	26.26 0.77 0.00	26.99 0.82 0.00	27.20 0.77 0.00	34.22 1.23 0.00	42.18 1.72 0.00	53.39 2.12 0.00	47.92 2.04 0.00	42.08 1.70 0.00	42.23 1.66 0.00	40.20 1.56 0.00	39.93 1.45 0.00
BLUE_CIRC_CHEM_DRP 24182	30.52 0.65 0.00	27.29 0.55 0.00	26.62 0.52 0.00	27.49 0.53 0.00	27.88 0.59 0.00	31.71 0.70 0.00	30.97 0.76 0.00	34.88 1.01 0.00	33.01 0.87 0.00	26.77 0.55 0.00	25.57 0.43 0.00	24.50 0.44 0.00	25.51 0.49 0.00	25.98 0.49 0.00	26.63 0.46 0.00	27.02 0.59 0.00	33.93 0.93 0.00	41.68 1.21 0.00	52.75 1.49 0.00	47.03 1.15 0.00	41.42 1.05 0.00	41.49 0.92 0.00	39.55 0.91 0.00	39.40 0.92 0.00
BOC_GAS_DRP 24189	30.23 0.36 0.00	27.03 0.29 0.00	26.36 0.26 0.00	27.22 0.26 0.00	27.60 0.30 0.00	31.37 0.35 0.00	30.63 0.42 0.00	34.50 0.62 0.00	32.75 0.61 0.00	26.73 0.51 0.00	25.60 0.46 0.00	24.52 0.47 0.00	25.52 0.50 0.00	26.00 0.51 0.00	26.62 0.45 0.00	26.93 0.50 0.00	33.70 0.70 0.00	41.24 0.77 0.00	52.16 0.90 0.00	46.52 0.64 0.00	40.97 0.59 0.00	41.09 0.52 0.00	39.18 0.54 0.00	39.02 0.55 0.00
BOONVILLE_115KV_TB1 79983	30.38 0.51 0.00	27.28 0.54 0.00	26.73 0.63 0.00	27.63 0.66 0.00	27.96 0.66 0.00	31.58 0.57 0.00	30.71 0.51 0.00	34.45 0.57 0.00	32.66 0.52 0.00	27.07 0.34 -0.51	25.37 0.23 0.00	24.11 0.05 0.00	25.01 -0.01 0.00	25.89 -0.10 -0.50	27.33 0.13 -1.02	27.74 0.28 -1.03	33.61 0.61 0.00	41.30 0.84 0.00	52.72 1.46 0.00	47.19 1.31 0.00	41.71 1.34 0.00	41.84 1.27 0.00	39.74 1.11 0.00	39.55 1.07 0.00
BORALEX_4TH_BRANCH 23824	31.05 1.18 0.00	27.78 1.03 0.00	27.06 0.96 0.00	27.91 0.95 0.00	28.36 1.06 0.00	32.24 1.23 0.00	31.53 1.33 0.00	35.67 1.79 0.00	33.77 1.63 0.00	27.47 1.25 0.00	26.09 0.95 0.00	24.97 0.91 0.00	26.00 0.98 0.00	26.50 1.01 0.00	27.26 1.09 0.00	27.74 1.31 0.00	34.72 1.72 0.00	42.21 1.74 0.00	53.46 2.20 0.00	47.46 1.58 0.00	42.17 1.79 0.00	42.15 1.58 0.00	40.27 1.63 0.00	40.37 1.90 0.00
BOWLINE___1 23526	30.67 0.80 0.00	27.36 0.61 0.00	26.68 0.58 0.00	27.54 0.58 0.00	27.86 0.56 0.00	31.63 0.62 0.00	30.91 0.71 0.00	34.92 1.04 0.00	33.28 1.14 0.00	27.37 1.15 0.00	26.16 1.02 0.00	25.02 0.96 0.00	25.97 0.95 0.00	26.53 1.04 0.00	27.26 1.09 0.00	27.45 1.01 0.00	34.30 1.30 0.00	41.85 1.39 0.00	52.94 1.68 0.00	47.12 1.24 0.00	41.42 1.04 0.00	41.60 1.03 0.00	39.70 1.07 0.00	39.47 0.99 0.00
BOWLINE___2 23595	30.67 0.80 0.00	27.36 0.61 0.00	26.68 0.58 0.00	27.54 0.58 0.00	27.86 0.56 0.00	31.63 0.62 0.00	30.91 0.71 0.00	34.92 1.04 0.00	33.28 1.14 0.00	27.37 1.15 0.00	26.16 1.02 0.00	25.02 0.96 0.00	25.97 0.96 0.00	26.53 1.04 0.00	27.26 1.09 0.00	27.45 1.01 0.00	34.30 1.30 0.00	41.85 1.39 0.00	52.94 1.68 0.00	47.12 1.24 0.00	41.42 1.04 0.00	41.60 1.03 0.00	39.70 1.07 0.00	39.47 0.99 0.00
BRADY___115KV_TB2 356060	31.08 1.21 0.00	27.90 1.16 0.00	27.25 1.15 0.00	28.04 1.07 0.00	28.29 1.00 0.00	32.08 1.06 0.00	31.15 0.94 0.00	34.81 0.94 0.00	32.98 0.84 0.00	28.32 0.38 -1.72	25.48 0.33 0.00	24.41 0.35 0.00	25.20 0.19 0.00	27.42 0.22 -1.71	30.10 0.45 -3.48	30.50 0.58 -3.50	33.77 0.78 0.00	41.57 1.11 0.00	52.87 1.60 0.00	47.52 1.64 0.00	41.93 1.55 0.00	42.42 1.85 0.00	40.32 1.68 0.00	40.13 1.65 0.00
BRANSCOMB___SOLAR 323811	31.21 1.33 0.00	27.93 1.19 0.00	27.21 1.11 0.00	28.05 1.09 0.00	28.52 1.22 0.00	32.45 1.43 0.00	31.72 1.51 0.00	35.84 1.96 0.00	33.92 1.78 0.00	27.43 1.21 0.00	26.13 0.99 0.00	25.01 0.95 0.00	26.08 1.06 0.00	26.56 1.07 0.00	27.28 1.11 0.00	27.73 1.30 0.00	34.96 1.96 0.00	42.83 2.36 0.00	54.26 2.99 0.00	48.25 2.36 0.00	42.40 2.03 0.00	42.41 1.84 0.00	40.52 1.88 0.00	40.39 1.91 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	31.13 1.26 0.00	27.80 1.06 0.00	27.11 1.01 0.00	27.86 0.90 0.00	28.27 0.97 0.00	32.21 1.20 0.00	31.45 1.24 0.00	35.71 1.83 0.00	33.88 1.74 0.00	27.93 1.71 0.00	26.73 1.59 0.00	25.56 1.50 0.00	26.52 1.50 0.00	27.00 1.52 0.00	27.75 1.69 0.11	27.58 1.55 0.39	34.85 1.85 0.00	42.47 2.01 0.00	53.28 2.01 0.00	47.62 1.74 0.00	42.08 1.71 0.00	42.26 1.70 0.00	40.73 2.19 0.10	40.29 2.02 0.21



BRISTLHL_115KV_TB1 79998	29.05 -0.82 0.00	26.01 -0.74 0.00	25.39 -0.71 0.00	26.29 -0.67 0.00	26.64 -0.66 0.00	30.29 -0.72 0.00	29.49 -0.72 0.00	32.99 -0.89 0.00	31.28 -0.86 0.00	25.52 -0.70 0.00	24.53 -0.62 0.00	23.45 -0.60 0.00	24.41 -0.61 0.00	24.90 -0.59 0.00	25.61 -0.56 0.00	25.84 -0.59 0.00	32.19 -0.81 0.00	39.55 -0.92 0.00	50.13 -1.14 0.00	44.90 -0.98 0.00	39.42 -0.95 0.00	39.46 -1.11 0.00	37.53 -1.11 0.00	37.36 -1.11 0.00
BROOKHAVEN___DRP 24191	30.90 1.03 0.00	27.60 0.86 0.00	26.91 0.81 0.00	27.64 0.68 0.00	28.05 0.75 0.00	31.98 0.97 0.00	31.27 1.07 0.00	35.54 1.66 0.00	33.74 1.59 0.00	27.81 1.59 0.00	26.61 1.46 0.00	25.45 1.39 0.00	26.40 1.38 0.00	26.89 1.40 0.14	27.59 1.56 0.47	27.36 1.41 0.00	34.69 1.69 0.00	42.31 1.84 0.00	53.19 1.92 0.00	47.51 1.63 0.00	41.92 1.54 0.00	42.12 1.55 0.00	40.51 1.99 0.12	40.05 1.82 0.25
BROOKLYN_NAVY_YARD 23515	30.78 0.91 0.00	27.46 0.72 0.00	26.80 0.70 0.00	27.62 0.66 0.00	27.96 0.66 0.00	31.75 0.75 0.00	31.08 0.88 0.00	35.12 1.25 0.00	33.52 1.37 0.00	27.65 1.43 0.00	26.45 1.30 0.00	25.37 1.31 0.00	26.34 1.32 0.00	26.86 1.38 0.00	27.58 1.41 0.00	27.77 1.35 0.00	34.65 1.65 0.00	42.15 1.69 0.00	53.15 1.88 0.00	47.27 1.39 0.00	41.66 1.28 0.00	41.84 1.26 0.00	39.97 1.33 0.00	39.67 1.19 0.00
BROOKLYN___ARMY_DRP 323595	31.06 1.19 0.00	27.71 0.97 0.00	27.06 0.96 0.00	27.90 0.94 0.00	28.27 0.97 0.00	32.08 1.07 0.00	31.41 1.21 0.00	35.49 1.62 0.00	33.88 1.73 0.00	27.95 1.73 0.00	26.72 1.58 0.00	25.61 1.55 0.00	26.57 1.55 0.00	27.11 1.62 0.00	27.84 1.66 0.00	27.99 1.56 0.00	34.93 1.93 0.00	42.46 1.99 0.00	53.50 2.24 0.00	47.60 1.72 0.00	42.03 1.65 0.00	42.15 1.58 0.00	40.27 1.63 0.00	39.97 1.49 0.00
BROOKVLE_69_KV_TB1 55790	31.04 1.17 0.00	27.70 0.96 0.00	27.00 0.90 0.00	27.82 0.86 0.00	28.21 0.91 0.00	32.08 1.07 0.00	31.37 1.17 0.00	35.56 1.68 0.00	33.78 1.64 0.00	27.83 1.61 0.00	26.65 1.51 0.00	25.51 1.45 0.00	26.50 1.48 0.00	27.02 1.53 0.00	28.21 1.65 -0.39	29.29 1.58 -1.28	34.90 1.89 0.00	42.48 2.01 0.00	53.54 2.27 0.00	47.68 1.80 0.00	42.00 1.62 0.00	42.19 1.62 0.00	40.82 1.86 -0.32	40.77 1.68 -0.61
BROOME_2_LFGE 323671	29.55 -0.32 0.00	26.41 -0.33 0.00	25.80 -0.30 0.00	26.78 -0.18 0.00	27.14 -0.16 0.00	30.89 -0.13 0.00	30.11 -0.10 0.00	33.84 -0.04 0.00	32.08 -0.06 0.00	26.21 -0.01 0.00	25.05 -0.09 0.00	23.96 -0.10 0.00	24.92 -0.10 0.00	25.43 -0.06 0.00	26.16 -0.02 0.00	26.35 -0.08 0.00	32.90 -0.10 0.00	40.38 -0.08 0.00	51.25 -0.02 0.00	45.99 0.10 0.00	40.27 -0.10 0.00	40.47 -0.10 0.00	38.49 -0.15 0.00	38.30 -0.18 0.00
BROOME___LFGE 323600	29.55 -0.32 0.00	26.41 -0.33 0.00	25.80 -0.30 0.00	26.78 -0.18 0.00	27.14 -0.16 0.00	30.89 -0.13 0.00	30.11 -0.10 0.00	33.84 -0.04 0.00	32.08 -0.06 0.00	26.21 -0.01 0.00	25.05 -0.09 0.00	23.96 -0.10 0.00	24.92 -0.10 0.00	25.43 -0.06 0.00	26.16 -0.02 0.00	26.35 -0.08 0.00	32.90 -0.10 0.00	40.38 -0.08 0.00	51.25 -0.02 0.00	45.99 0.10 0.00	40.27 -0.10 0.00	40.47 -0.10 0.00	38.49 -0.15 0.00	38.30 -0.18 0.00
BROWNFLS_115KV_TB 3_5 80003	30.65 0.78 0.00	27.57 0.82 0.00	27.04 0.94 0.00	27.88 0.92 0.00	28.15 0.85 0.00	31.68 0.67 0.00	30.69 0.49 0.00	34.29 0.42 0.00	32.55 0.41 0.00	28.78 0.16 -2.41	25.17 0.03 0.00	23.85 -0.21 0.00	24.60 -0.42 0.00	27.46 -0.42 -2.39	30.91 -0.12 -4.86	31.39 0.07 -4.88	33.33 0.33 0.00	41.15 0.68 0.00	52.61 1.34 0.00	47.29 1.41 0.00	41.93 1.55 0.00	42.29 1.72 0.00	40.15 1.51 0.00	39.92 1.44 0.00
BROWNSV1_27_KV_LOAD 356125	31.10 1.23 0.00	27.75 1.00 0.00	27.06 0.96 0.00	27.89 0.93 0.00	28.25 0.95 0.00	32.08 1.07 0.00	31.40 1.20 0.00	35.50 1.62 0.00	33.87 1.72 0.00	27.94 1.72 0.00	26.72 1.58 0.00	25.63 1.58 0.00	26.61 1.59 0.00	27.15 1.66 0.00	27.87 1.70 0.00	28.07 1.64 0.00	35.04 2.04 0.00	42.63 2.16 0.00	53.77 2.50 0.00	47.84 1.96 0.00	42.12 1.75 0.00	42.31 1.74 0.00	40.39 1.75 0.00	40.09 1.61 0.00
BURROWS___LYONSDAL 23803	30.36 0.48 0.00	27.29 0.55 0.00	26.78 0.68 0.00	27.68 0.72 0.00	28.00 0.70 0.00	31.53 0.52 0.00	30.61 0.41 0.00	34.29 0.42 0.00	32.54 0.40 0.00	27.13 0.24 -0.67	25.25 0.10 0.00	23.91 -0.14 0.00	24.75 -0.27 0.00	25.81 -0.34 -0.67	27.45 -0.07 -1.35	27.90 0.11 -1.36	33.44 0.44 0.00	41.17 0.71 0.00	52.65 1.39 0.00	47.18 1.30 0.00	41.78 1.40 0.00	41.95 1.38 0.00	39.84 1.20 0.00	39.63 1.15 0.00
CAITHNESS_CC_1 323624	30.87 1.00 0.00	27.58 0.84 0.00	26.90 0.79 0.00	27.61 0.65 0.00	28.03 0.72 0.00	31.94 0.93 0.00	31.23 1.02 0.00	35.48 1.61 0.00	33.68 1.53 0.00	27.77 1.55 0.00	26.57 1.43 0.00	25.42 1.37 0.00	26.37 1.35 0.00	26.84 1.36 0.00	27.54 1.51 0.14	27.32 1.36 0.48	34.62 1.62 0.00	42.20 1.73 0.00	53.03 1.76 0.00	47.38 1.50 0.00	41.80 1.42 0.00	42.01 1.45 0.00	40.42 1.90 0.12	39.96 1.73 0.25
CALPINE BETH_PAGE_GT4 24209	31.01 1.14 0.00	27.68 0.94 0.00	26.98 0.88 0.00	27.76 0.81 0.00	28.16 0.86 0.00	32.05 1.04 0.00	31.34 1.13 0.00	35.55 1.67 0.00	33.73 1.59 0.00	27.80 1.58 0.00	26.63 1.48 0.00	25.46 1.40 0.00	26.43 1.42 0.00	26.94 1.45 0.00	28.02 1.61 -0.24	28.72 1.51 -0.78	34.77 1.77 0.00	42.22 1.75 0.00	53.14 1.87 0.00	47.36 1.47 0.00	41.76 1.38 0.00	41.97 1.40 0.00	40.65 1.81 -0.20	40.57 1.74 -0.35
CALPINE_BETH_PAGE_GT_4 323586	31.01 1.14 0.00	27.69 0.94 0.00	26.98 0.88 0.00	27.77 0.81 0.00	28.16 0.86 0.00	32.04 1.03 0.00	31.34 1.13 0.00	35.54 1.67 0.00	33.73 1.59 0.00	27.79 1.57 0.00	26.62 1.48 0.00	25.46 1.40 0.00	26.43 1.41 0.00	26.94 1.45 0.00	28.02 1.61 -0.24	28.73 1.52 -0.78	34.78 1.78 0.00	42.22 1.75 0.00	53.13 1.87 0.00	47.36 1.47 0.00	41.76 1.39 0.00	41.96 1.39 0.00	40.65 1.82 -0.20	40.56 1.74 -0.35
CALPINE_BP_GT1 23823	31.01 1.14 0.00	27.69 0.94 0.00	26.98 0.88 0.00	27.77 0.81 0.00	28.16 0.86 0.00	32.04 1.03 0.00	31.34 1.13 0.00	35.54 1.67 0.00	33.73 1.59 0.00	27.79 1.57 0.00	26.62 1.48 0.00	25.46 1.40 0.00	26.43 1.41 0.00	26.94 1.45 0.00	28.02 1.61 -0.24	28.73 1.52 -0.78	34.78 1.78 0.00	42.22 1.75 0.00	53.13 1.87 0.00	47.36 1.47 0.00	41.76 1.39 0.00	41.96 1.39 0.00	40.65 1.82 -0.20	40.56 1.74 -0.35
CALSPAN___DRP 24200	28.57 -1.31 0.00	25.69 -1.05 0.00	25.17 -0.93 0.00	26.40 -0.56 0.00	26.76 -0.54 0.00	30.49 -0.52 0.00	29.57 -0.63 0.00	33.08 -0.80 0.00	31.39 -0.75 0.00	25.74 -0.48 0.00	24.60 -0.55 0.00	23.64 -0.42 0.00	24.53 -0.49 0.00	25.19 -0.30 0.00	26.11 -0.06 0.00	26.01 -0.43 0.00	31.84 -1.16 0.00	39.03 -1.43 0.00	49.66 -1.61 0.00	44.95 -0.93 0.00	38.87 -1.50 0.00	38.67 -1.90 0.00	36.92 -1.71 0.00	37.06 -1.42 0.00

CALVERTON___SOLAR 323806	30.92 1.05 0.00	27.63 0.88 0.00	26.93 0.83 0.00	27.64 0.68 0.00	28.07 0.77 0.00	32.01 0.99 0.00	31.31 1.10 0.00	35.60 1.72 0.00	33.79 1.65 0.00	27.85 1.63 0.00	26.65 1.50 0.00	25.50 1.44 0.00	26.45 1.43 0.00	26.93 1.44 0.00	27.64 1.61 0.14	27.42 1.47 0.47	34.78 1.78 0.00	42.43 1.97 0.00	53.36 2.09 0.00	47.69 1.81 0.00	42.06 1.69 0.00	42.23 1.66 0.00	40.61 2.09 0.12	40.14 1.92 0.25
CANDIGU_WT_PWR 323617	28.75 -1.12 0.00	25.79 -0.96 0.00	25.27 -0.83 0.00	26.41 -0.55 0.00	26.81 -0.49 0.00	30.58 -0.43 0.00	29.75 -0.46 0.00	33.40 -0.48 0.00	31.53 -0.61 0.00	25.69 -0.53 0.00	24.57 -0.58 0.00	23.46 -0.60 0.00	24.43 -0.59 0.00	25.06 -0.43 0.00	25.87 -0.31 0.00	25.89 -0.54 0.00	32.08 -0.92 0.00	39.56 -0.90 0.00	50.43 -0.84 0.00	45.28 -0.60 0.00	39.28 -1.10 0.00	39.29 -1.29 0.00	37.45 -1.18 0.00	37.60 -0.88 0.00
CARR STREET_E_SYR 24060	29.25 -0.62 0.00	26.17 -0.57 0.00	25.55 -0.55 0.00	26.47 -0.49 0.00	26.83 -0.47 0.00	30.51 -0.50 0.00	29.71 -0.50 0.00	33.26 -0.62 0.00	31.54 -0.61 0.00	25.72 -0.50 0.00	24.67 -0.48 0.00	23.61 -0.45 0.00	24.56 -0.46 0.00	25.06 -0.43 0.00	25.78 -0.39 0.00	26.00 -0.43 0.00	32.40 -0.59 0.00	39.81 -0.66 0.00	50.48 -0.78 0.00	45.22 -0.66 0.00	39.68 -0.70 0.00	39.72 -0.85 0.00	37.78 -0.85 0.00	37.62 -0.86 0.00
CARTHAGE___PAPER 23857	30.59 0.71 0.00	27.54 0.80 0.00	27.09 0.99 0.00	28.00 1.04 0.00	28.30 1.00 0.00	31.68 0.67 0.00	30.65 0.44 0.00	34.26 0.38 0.00	32.51 0.37 0.00	27.41 0.10 -1.09	24.97 -0.17 0.00	23.43 -0.63 0.00	24.13 -0.89 0.00	25.64 -0.93 -1.08	27.98 -0.40 -2.20	28.57 -0.07 -2.21	33.36 0.36 0.00	41.36 0.90 0.00	52.99 1.73 0.00	47.68 1.80 0.00	42.43 2.06 0.00	42.61 2.05 0.00	40.38 1.74 0.00	40.10 1.62 0.00
CASSADAGA_WT_PWR 323784	28.92 -0.95 0.00	26.04 -0.70 0.00	25.62 -0.48 0.00	26.92 -0.05 0.00	27.29 -0.01 0.00	31.13 0.12 0.00	30.22 0.02 0.00	33.93 0.05 0.00	32.19 0.05 0.00	26.39 0.17 0.00	25.17 0.03 0.00	24.18 0.12 0.00	25.03 0.01 0.00	25.67 0.18 0.00	26.64 0.46 0.00	26.49 0.06 0.00	32.50 -0.50 0.00	39.96 -0.51 0.00	51.05 -0.22 0.00	46.21 0.33 0.00	40.00 -0.38 0.00	40.00 -0.58 0.00	38.06 -0.58 0.00	38.09 -0.38 0.00
CE_DUNWOOD___DRP 24194	30.79 0.92 0.00	27.48 0.74 0.00	26.79 0.69 0.00	27.64 0.69 0.00	28.02 0.72 0.00	31.84 0.83 0.00	31.15 0.94 0.00	35.21 1.33 0.00	33.54 1.40 0.00	27.59 1.37 0.00	26.39 1.25 0.00	25.28 1.22 0.00	26.27 1.25 0.00	26.80 1.31 0.00	27.51 1.34 0.00	27.71 1.28 0.00	34.63 1.63 0.00	42.20 1.74 0.00	53.29 2.02 0.00	47.41 1.52 0.00	41.73 1.35 0.00	41.90 1.33 0.00	39.99 1.35 0.00	39.74 1.27 0.00
CE_MILLWOOD___DRP 24193	30.76 0.88 0.00	27.44 0.70 0.00	26.76 0.66 0.00	27.61 0.65 0.00	27.98 0.68 0.00	31.81 0.80 0.00	31.11 0.91 0.00	35.16 1.28 0.00	33.50 1.35 0.00	27.55 1.33 0.00	26.35 1.20 0.00	25.23 1.18 0.00	26.22 1.20 0.00	26.75 1.26 0.00	27.45 1.28 0.00	27.66 1.23 0.00	34.57 1.57 0.00	42.15 1.68 0.00	53.23 1.96 0.00	47.36 1.48 0.00	41.69 1.31 0.00	41.85 1.28 0.00	39.94 1.30 0.00	39.69 1.22 0.00
CE_NYC2_DRP 24202	30.93 1.05 0.00	27.60 0.86 0.00	26.93 0.83 0.00	27.76 0.80 0.00	28.13 0.83 0.00	31.92 0.90 0.00	31.24 1.03 0.00	35.30 1.42 0.00	33.68 1.54 0.00	27.80 1.58 0.00	26.60 1.45 0.00	25.49 1.44 0.00	26.46 1.44 0.00	26.99 1.50 0.00	27.72 1.55 0.00	27.89 1.46 0.00	34.79 1.80 0.00	42.31 1.84 0.00	53.30 2.04 0.00	47.42 1.54 0.00	41.82 1.44 0.00	41.99 1.42 0.00	40.08 1.44 0.00	39.80 1.32 0.00
CE_NYC_DRP 24195	30.92 1.04 0.00	27.59 0.84 0.00	26.91 0.81 0.00	27.73 0.77 0.00	28.10 0.80 0.00	31.91 0.90 0.00	31.23 1.02 0.00	35.29 1.42 0.00	33.68 1.53 0.00	27.77 1.55 0.00	26.56 1.42 0.00	25.47 1.41 0.00	26.45 1.43 0.00	26.98 1.50 0.00	27.70 1.53 0.00	27.89 1.46 0.00	34.81 1.81 0.00	42.34 1.88 0.00	53.40 2.13 0.00	47.50 1.62 0.00	41.83 1.46 0.00	42.02 1.45 0.00	40.12 1.48 0.00	39.83 1.35 0.00
CHAFFEE___LFGE 323603	28.68 -1.20 0.00	25.77 -0.97 0.00	25.25 -0.86 0.00	26.47 -0.48 0.00	26.84 -0.46 0.00	30.59 -0.43 0.00	29.67 -0.54 0.00	33.22 -0.66 0.00	31.54 -0.61 0.00	25.87 -0.35 0.00	24.70 -0.45 0.00	23.74 -0.31 0.00	24.64 -0.38 0.00	25.31 -0.18 0.00	26.21 0.04 0.00	26.10 -0.32 0.00	32.00 -1.00 0.00	39.23 -1.23 0.00	49.93 -1.33 0.00	45.21 -0.67 0.00	39.10 -1.27 0.00	38.92 -1.64 0.00	37.14 -1.50 0.00	37.23 -1.25 0.00
CHATEAUG_35_KV_LOAD 355732	30.29 0.41 0.00	27.22 0.48 0.00	26.58 0.48 0.00	27.33 0.36 0.00	27.55 0.25 0.00	31.30 0.29 0.00	30.27 0.06 0.00	33.54 -0.34 0.00	31.68 -0.47 0.00	0.94 -0.55 24.73	24.74 -0.40 0.00	23.66 -0.40 0.00	24.54 -0.49 0.00	0.37 -0.57 24.55	-24.37 -0.61 49.93	-24.32 -0.53 50.22	32.51 -0.50 0.00	39.95 -0.52 0.00	51.40 0.13 0.00	46.21 0.32 0.00	41.07 0.70 0.00	41.72 1.15 0.00	39.83 1.19 0.00	39.78 1.30 0.00
CHATEAUG_WT_PWR 323614	30.17 0.29 0.00	27.10 0.36 0.00	26.48 0.38 0.00	27.23 0.26 0.00	27.45 0.15 0.00	31.17 0.16 0.00	30.16 -0.05 0.00	33.38 -0.50 0.00	31.54 -0.61 0.00	2.52 -0.67 23.03	24.62 -0.52 0.00	23.51 -0.55 0.00	24.40 -0.62 0.00	1.96 -0.67 22.87	-21.08 -0.76 46.50	-21.03 -0.69 46.77	32.36 -0.64 0.00	39.77 -0.70 0.00	51.16 -0.11 0.00	45.99 0.11 0.00	40.92 0.54 0.00	41.55 0.97 0.00	39.68 1.04 0.00	39.64 1.16 0.00
CHAT_HIGH_FALL_HYD 323578	30.29 0.41 0.00	27.22 0.48 0.00	26.58 0.48 0.00	27.33 0.36 0.00	27.55 0.25 0.00	31.30 0.29 0.00	30.27 0.06 0.00	33.54 -0.34 0.00	31.68 -0.47 0.00	0.94 -0.55 24.73	24.74 -0.40 0.00	23.66 -0.40 0.00	24.54 -0.49 0.00	0.37 -0.57 24.55	-24.37 -0.61 49.93	-24.32 -0.53 50.22	32.51 -0.50 0.00	39.95 -0.52 0.00	51.40 0.13 0.00	46.21 0.32 0.00	41.07 0.70 0.00	41.72 1.15 0.00	39.83 1.19 0.00	39.78 1.30 0.00
CHAUTAUQUA___LFGE 323629	28.69 -1.18 0.00	25.78 -0.96 0.00	25.31 -0.79 0.00	26.57 -0.39 0.00	26.93 -0.37 0.00	30.72 -0.30 0.00	29.80 -0.40 0.00	33.40 -0.47 0.00	31.68 -0.46 0.00	25.98 -0.24 0.00	24.77 -0.37 0.00	23.81 -0.25 0.00	24.68 -0.34 0.00	25.33 -0.16 0.00	26.28 0.10 0.00	26.15 -0.28 0.00	32.08 -0.92 0.00	39.39 -1.08 0.00	50.24 -1.03 0.00	45.47 -0.41 0.00	39.34 -1.03 0.00	39.30 -1.27 0.00	37.43 -1.21 0.00	37.51 -0.97 0.00
CHERRYST_13_KV_LD 356241	30.99 1.11 0.00	27.65 0.91 0.00	26.97 0.86 0.00	27.80 0.84 0.00	28.16 0.86 0.00	31.99 0.97 0.00	31.30 1.10 0.00	35.39 1.51 0.00	33.76 1.62 0.00	27.84 1.62 0.00	26.63 1.49 0.00	25.54 1.48 0.00	26.51 1.50 0.00	27.05 1.56 0.00	27.77 1.60 0.00	27.96 1.54 0.00	34.89 1.90 0.00	42.45 1.99 0.00	53.53 2.26 0.00	47.62 1.74 0.00	41.94 1.56 0.00	42.12 1.55 0.00	40.21 1.57 0.00	39.93 1.46 0.00

CHESTROR_138KV_BK263 355645	30.64 0.77 0.00	27.34 0.60 0.00	26.66 0.56 0.00	27.53 0.57 0.00	27.88 0.58 0.00	31.68 0.66 0.00	30.97 0.77 0.00	35.18 1.30 0.00	33.50 1.36 0.00	27.46 1.24 0.00	26.22 1.07 0.00	25.07 1.01 0.00	26.03 1.01 0.00	26.57 1.08 0.00	27.29 1.11 0.00	27.51 1.08 0.00	34.44 1.45 0.00	42.17 1.70 0.00	53.41 2.14 0.00	47.54 1.66 0.00	41.81 1.43 0.00	41.94 1.37 0.00	40.00 1.37 0.00	39.76 1.28 0.00
CH_MIDHUDSON___DRP 24192	30.83 0.96 0.00	27.52 0.78 0.00	26.83 0.73 0.00	27.68 0.72 0.00	28.06 0.77 0.00	31.89 0.88 0.00	31.21 1.00 0.00	35.28 1.41 0.00	33.59 1.45 0.00	27.56 1.34 0.00	26.34 1.19 0.00	25.22 1.17 0.00	26.22 1.20 0.00	26.74 1.25 0.00	27.43 1.26 0.00	27.67 1.25 0.00	34.65 1.65 0.00	42.31 1.85 0.00	53.50 2.23 0.00	47.59 1.71 0.00	41.88 1.50 0.00	42.02 1.45 0.00	40.07 1.43 0.00	39.82 1.34 0.00
CH_MISC_IPPS 23765	30.99 1.12 0.00	27.65 0.91 0.00	26.96 0.86 0.00	27.82 0.86 0.00	28.19 0.89 0.00	32.05 1.03 0.00	31.36 1.15 0.00	35.48 1.60 0.00	33.78 1.63 0.00	27.70 1.48 0.00	26.46 1.32 0.00	25.33 1.27 0.00	26.32 1.30 0.00	26.85 1.36 0.00	27.56 1.39 0.00	27.81 1.38 0.00	34.84 1.84 0.00	42.58 2.11 0.00	53.87 2.60 0.00	47.95 2.07 0.00	42.16 1.78 0.00	42.28 1.71 0.00	40.31 1.67 0.00	40.05 1.56 0.00
CH_RES_BVR_FALLS 23983	29.98 0.11 0.00	26.90 0.15 0.00	26.32 0.22 0.00	27.14 0.18 0.00	27.43 0.13 0.00	31.00 -0.01 0.00	30.10 -0.10 0.00	33.66 -0.21 0.00	31.93 -0.21 0.00	26.07 -0.15 0.00	25.03 -0.11 0.00	23.79 -0.27 0.00	24.68 -0.34 0.00	25.09 -0.40 0.00	25.75 -0.42 0.00	26.07 -0.35 0.00	32.64 -0.36 0.00	40.12 -0.34 0.00	50.99 -0.28 0.00	45.76 -0.12 0.00	40.46 0.09 0.00	40.89 0.32 0.00	38.92 0.28 0.00	38.77 0.30 0.00
CH_RES_NIAGARA 23895	27.78 -2.09 0.00	25.12 -1.63 0.00	24.60 -1.50 0.00	25.82 -1.14 0.00	26.17 -1.13 0.00	29.81 -1.20 0.00	28.85 -1.35 0.00	32.04 -1.84 0.00	30.42 -1.72 0.00	24.97 -1.25 0.00	23.91 -1.23 0.00	23.03 -1.03 0.00	23.88 -1.14 0.00	24.53 -0.96 0.00	25.44 -0.73 0.00	25.32 -1.12 0.00	30.87 -2.13 0.00	37.73 -2.74 0.00	47.87 -3.40 0.00	43.35 -2.53 0.00	37.44 -2.94 0.00	37.15 -3.42 0.00	35.60 -3.04 0.00	35.80 -2.67 0.00
CH_RES_SYRACUSE 23985	29.41 -0.47 0.00	26.33 -0.42 0.00	25.69 -0.41 0.00	26.62 -0.34 0.00	26.98 -0.32 0.00	30.70 -0.31 0.00	29.87 -0.34 0.00	33.47 -0.41 0.00	31.73 -0.41 0.00	25.87 -0.35 0.00	24.79 -0.35 0.00	23.70 -0.35 0.00	24.68 -0.34 0.00	25.19 -0.30 0.00	25.91 -0.26 0.00	26.13 -0.30 0.00	32.61 -0.39 0.00	40.08 -0.39 0.00	50.78 -0.49 0.00	45.51 -0.37 0.00	39.94 -0.44 0.00	39.99 -0.58 0.00	37.99 -0.65 0.00	37.83 -0.65 0.00
CLINTON_WT_PWR 323605	30.17 0.29 0.00	27.10 0.36 0.00	26.48 0.38 0.00	27.23 0.26 0.00	27.45 0.15 0.00	31.17 0.16 0.00	30.16 -0.05 0.00	33.38 -0.50 0.00	31.54 -0.61 0.00	2.52 -0.67 23.03	24.62 -0.52 0.00	23.51 -0.55 0.00	24.40 -0.62 0.00	1.96 -0.67 22.87	-21.08 -0.76 46.50	-21.03 -0.69 46.77	32.36 -0.64 0.00	39.77 -0.70 0.00	51.16 -0.11 0.00	45.99 0.11 0.00	40.92 0.54 0.00	41.55 0.97 0.00	39.68 1.04 0.00	39.64 1.16 0.00
CLINTON___LFGE 323618	30.80 0.93 0.00	27.74 1.00 0.00	27.09 0.98 0.00	27.88 0.92 0.00	28.26 0.96 0.00	32.09 1.08 0.00	31.12 0.91 0.00	34.44 0.56 0.00	32.47 0.33 0.00	2.61 0.06 23.67	25.26 0.12 0.00	24.24 0.18 0.00	25.13 0.11 0.00	2.02 0.02 23.49	-21.63 -0.03 47.77	-21.64 -0.02 48.05	33.14 0.14 0.00	40.61 0.14 0.00	52.07 0.80 0.00	46.72 0.84 0.00	41.61 1.23 0.00	42.42 1.85 0.00	40.50 1.86 0.00	40.57 2.09 0.00
COBBLENY_34_KV_TB1 80064	28.67 -1.20 0.00	25.77 -0.97 0.00	25.25 -0.85 0.00	26.47 -0.49 0.00	26.83 -0.47 0.00	30.59 -0.43 0.00	29.67 -0.54 0.00	33.22 -0.66 0.00	31.54 -0.61 0.00	25.87 -0.35 0.00	24.71 -0.43 0.00	23.74 -0.31 0.00	24.64 -0.38 0.00	25.31 -0.18 0.00	26.21 0.04 0.00	26.12 -0.31 0.00	32.00 -1.00 0.00	39.23 -1.23 0.00	49.93 -1.34 0.00	45.21 -0.67 0.00	39.09 -1.28 0.00	38.92 -1.65 0.00	37.14 -1.50 0.00	37.22 -1.25 0.00
COFFEEN___115KV_TB3 355620	30.50 0.63 0.00	27.45 0.71 0.00	26.99 0.89 0.00	27.93 0.97 0.00	28.25 0.95 0.00	31.63 0.62 0.00	30.62 0.41 0.00	34.23 0.36 0.00	32.48 0.34 0.00	27.17 0.04 -0.91	24.78 -0.36 0.00	23.23 -0.83 0.00	24.00 -1.02 0.00	25.36 -1.03 -0.90	27.64 -0.37 -1.83	28.21 -0.06 -1.84	33.38 0.39 0.00	41.48 1.01 0.00	53.06 1.80 0.00	47.79 1.90 0.00	42.52 2.14 0.00	42.59 2.02 0.00	40.32 1.68 0.00	39.98 1.50 0.00
COLDSPRG_115KV_BK1 355956	29.34 -0.53 0.00	26.32 -0.42 0.00	25.83 -0.27 0.00	27.09 0.13 0.00	27.45 0.16 0.00	31.35 0.33 0.00	30.44 0.23 0.00	34.24 0.37 0.00	32.53 0.39 0.00	26.72 0.50 0.00	25.44 0.30 0.00	24.38 0.32 0.00	25.23 0.21 0.00	25.88 0.39 0.00	26.83 0.66 0.00	26.74 0.31 0.00	32.93 -0.07 0.00	40.43 -0.03 0.00	51.64 0.38 0.00	46.72 0.84 0.00	40.45 0.08 0.00	40.52 -0.05 0.00	38.58 -0.06 0.00	38.55 0.07 0.00
COLONIE_LFGE___ 323577	30.76 0.88 0.00	27.51 0.77 0.00	26.81 0.70 0.00	27.66 0.70 0.00	28.09 0.79 0.00	31.93 0.92 0.00	31.20 1.00 0.00	35.22 1.34 0.00	33.38 1.24 0.00	27.14 0.92 0.00	25.89 0.75 0.00	24.79 0.73 0.00	25.82 0.80 0.00	26.31 0.82 0.00	27.01 0.83 0.00	27.42 0.99 0.00	34.38 1.38 0.00	42.03 1.57 0.00	53.23 1.96 0.00	47.36 1.47 0.00	41.76 1.38 0.00	41.80 1.23 0.00	39.89 1.25 0.00	39.80 1.32 0.00
COOPERNY_115KV_TB1 80082	30.44 0.56 0.00	27.18 0.44 0.00	26.52 0.41 0.00	27.39 0.43 0.00	27.74 0.44 0.00	31.52 0.51 0.00	30.77 0.57 0.00	34.57 0.69 0.00	32.94 0.79 0.00	26.98 0.76 0.00	25.84 0.70 0.00	24.72 0.66 0.00	25.69 0.67 0.00	26.19 0.70 0.00	26.87 0.70 0.00	27.09 0.66 0.00	33.87 0.86 0.00	41.44 0.98 0.00	52.44 1.17 0.00	46.82 0.94 0.00	41.16 0.79 0.00	41.34 0.77 0.00	39.42 0.78 0.00	39.21 0.73 0.00
COPENHAGEN_WT_PWR 323753	30.09 0.21 0.00	27.13 0.38 0.00	26.71 0.61 0.00	27.63 0.67 0.00	27.92 0.62 0.00	31.15 0.14 0.00	30.07 -0.13 0.00	33.57 -0.30 0.00	31.90 -0.24 0.00	26.80 -0.27 -0.86	24.56 -0.59 0.00	22.93 -1.13 0.00	23.63 -1.39 0.00	24.91 -1.43 -0.85	27.01 -0.90 -1.73	27.56 -0.61 -1.74	32.70 -0.30 0.00	40.68 0.21 0.00	52.01 0.75 0.00	46.90 1.02 0.00	41.90 1.53 0.00	42.04 1.47 0.00	39.83 1.19 0.00	39.51 1.03 0.00
CORNELL_____ 23752	30.03 0.15 0.00	26.83 0.08 0.00	26.21 0.11 0.00	27.18 0.22 0.00	27.57 0.27 0.00	31.38 0.37 0.00	30.64 0.43 0.00	34.42 0.55 0.00	32.59 0.45 0.00	26.44 0.22 0.00	25.17 0.03 0.00	24.03 -0.03 0.00	24.99 -0.03 0.00	25.50 0.01 0.00	26.22 0.05 0.00	26.57 0.14 0.00	33.31 0.31 0.00	41.06 0.60 0.00	52.24 0.98 0.00	46.86 0.98 0.00	41.03 0.66 0.00	41.14 0.56 0.00	39.06 0.42 0.00	38.85 0.37 0.00

CORONA__69_KV_TB1 355595	30.97 1.09 0.00	27.65 0.90 0.00	26.93 0.83 0.00	27.73 0.77 0.00	28.12 0.82 0.00	31.98 0.97 0.00	31.27 1.06 0.00	35.43 1.56 0.00	33.67 1.52 0.00	27.77 1.56 0.00	26.65 1.49 -0.02	25.47 1.42 0.00	26.46 1.44 0.00	26.98 1.49 -0.01	29.78 1.64 -1.96	34.54 1.57 -6.55	34.85 1.83 -0.02	42.38 1.92 0.00	53.38 2.11 0.00	47.54 1.66 0.00	41.91 1.53 0.00	42.15 1.57 -0.01	42.20 1.92 -1.64	43.75 1.69 -3.59
CORTLAND__115KV_TB3 80093	29.79 -0.08 0.00	26.64 -0.11 0.00	26.02 -0.08 0.00	26.96 0.00 0.00	27.33 0.04 0.00	31.10 0.09 0.00	30.33 0.12 0.00	34.05 0.18 0.00	32.27 0.13 0.00	26.26 0.03 0.00	25.08 -0.06 0.00	23.97 -0.09 0.00	24.96 -0.06 0.00	25.44 -0.05 0.00	26.18 0.00 0.00	26.45 0.02 0.00	33.11 0.11 0.00	40.68 0.22 0.00	51.69 0.42 0.00	46.31 0.43 0.00	40.61 0.23 0.00	40.71 0.14 0.00	38.69 0.05 0.00	38.49 0.02 0.00
COXSACKIE__GT 23611	31.60 1.73 0.00	28.25 1.51 0.00	27.53 1.43 0.00	28.44 1.48 0.00	28.87 1.57 0.00	32.88 1.87 0.00	32.19 1.98 0.00	36.36 2.49 0.00	34.45 2.31 0.00	27.62 1.40 0.00	26.08 0.94 0.00	24.91 0.85 0.00	25.91 0.89 0.00	26.37 0.88 0.00	27.06 0.89 0.00	27.64 1.21 0.00	35.01 2.01 0.00	43.65 3.19 0.00	55.62 4.36 0.00	49.50 3.61 0.00	43.38 3.00 0.00	43.33 2.76 0.00	41.16 2.52 0.00	40.92 2.44 0.00
CPV__VALLEY__CC1 323721	30.55 0.68 0.00	27.27 0.52 0.00	26.59 0.49 0.00	27.46 0.50 0.00	27.81 0.51 0.00	31.59 0.58 0.00	30.87 0.66 0.00	34.80 0.93 0.00	33.15 1.00 0.00	27.19 0.97 0.00	26.02 0.87 0.00	24.89 0.83 0.00	25.86 0.84 0.00	26.38 0.89 0.00	27.08 0.91 0.00	27.30 0.87 0.00	34.12 1.12 0.00	41.69 1.23 0.00	52.74 1.47 0.00	47.00 1.12 0.00	41.32 0.94 0.00	41.49 0.92 0.00	39.58 0.95 0.00	39.36 0.88 0.00
CPV__VALLEY__CC2 323722	30.55 0.68 0.00	27.27 0.52 0.00	26.59 0.49 0.00	27.46 0.50 0.00	27.81 0.51 0.00	31.59 0.58 0.00	30.87 0.66 0.00	34.80 0.93 0.00	33.15 1.00 0.00	27.19 0.97 0.00	26.02 0.87 0.00	24.89 0.83 0.00	25.86 0.84 0.00	26.38 0.89 0.00	27.08 0.91 0.00	27.30 0.87 0.00	34.12 1.12 0.00	41.69 1.23 0.00	52.74 1.47 0.00	47.00 1.12 0.00	41.32 0.94 0.00	41.49 0.92 0.00	39.58 0.95 0.00	39.36 0.88 0.00
CRESCENT__HYD 24018	30.76 0.88 0.00	27.51 0.77 0.00	26.81 0.70 0.00	27.66 0.70 0.00	28.09 0.79 0.00	31.93 0.92 0.00	31.20 1.00 0.00	35.22 1.34 0.00	33.38 1.24 0.00	27.14 0.92 0.00	25.89 0.75 0.00	24.79 0.73 0.00	25.82 0.80 0.00	26.31 0.82 0.00	27.01 0.83 0.00	27.42 0.99 0.00	34.38 1.38 0.00	42.03 1.57 0.00	53.23 1.96 0.00	47.36 1.47 0.00	41.76 1.38 0.00	41.80 1.23 0.00	39.89 1.25 0.00	39.80 1.32 0.00
CRICKET__VALLEY_CC1 323756	30.63 0.76 0.00	27.36 0.62 0.00	26.67 0.57 0.00	27.50 0.54 0.00	27.89 0.59 0.00	31.69 0.68 0.00	31.00 0.80 0.00	35.07 1.20 0.00	33.37 1.22 0.00	27.32 1.10 0.00	26.07 0.92 0.00	25.00 0.94 0.00	26.02 1.01 0.00	26.54 1.05 0.00	27.21 1.03 0.00	27.46 1.03 0.00	34.40 1.40 0.00	42.00 1.54 0.00	53.13 1.86 0.00	47.19 1.31 0.00	41.50 1.13 0.00	41.61 1.04 0.00	39.70 1.06 0.00	39.48 1.01 0.00
CRICKET__VALLEY_CC2 323757	30.63 0.76 0.00	27.36 0.62 0.00	26.67 0.57 0.00	27.50 0.54 0.00	27.89 0.59 0.00	31.69 0.68 0.00	31.00 0.80 0.00	35.07 1.20 0.00	33.37 1.22 0.00	27.32 1.10 0.00	26.07 0.92 0.00	25.00 0.94 0.00	26.02 1.01 0.00	26.54 1.05 0.00	27.21 1.03 0.00	27.46 1.03 0.00	34.40 1.40 0.00	42.00 1.54 0.00	53.13 1.86 0.00	47.19 1.31 0.00	41.50 1.13 0.00	41.61 1.04 0.00	39.70 1.06 0.00	39.48 1.01 0.00
CRICKET__VALLEY_CC3 323758	30.63 0.76 0.00	27.36 0.62 0.00	26.67 0.57 0.00	27.50 0.54 0.00	27.89 0.59 0.00	31.69 0.68 0.00	31.00 0.80 0.00	35.07 1.20 0.00	33.37 1.22 0.00	27.32 1.10 0.00	26.07 0.92 0.00	25.00 0.94 0.00	26.02 1.01 0.00	26.54 1.05 0.00	27.21 1.03 0.00	27.46 1.03 0.00	34.40 1.40 0.00	42.00 1.54 0.00	53.13 1.86 0.00	47.19 1.31 0.00	41.50 1.13 0.00	41.61 1.04 0.00	39.70 1.06 0.00	39.48 1.01 0.00
CRUCIBLE__METL_DRP 24180	29.41 -0.47 0.00	26.33 -0.42 0.00	25.69 -0.41 0.00	26.62 -0.34 0.00	26.98 -0.32 0.00	30.70 -0.31 0.00	29.87 -0.34 0.00	33.47 -0.41 0.00	31.73 -0.41 0.00	25.88 -0.35 0.00	24.80 -0.35 0.00	23.71 -0.35 0.00	24.68 -0.34 0.00	25.19 -0.30 0.00	25.91 -0.26 0.00	26.13 -0.30 0.00	32.61 -0.39 0.00	40.08 -0.39 0.00	50.78 -0.48 0.00	45.51 -0.37 0.00	39.94 -0.44 0.00	39.99 -0.59 0.00	37.99 -0.65 0.00	37.83 -0.65 0.00
DAHOWA__HYDRO 323763	31.36 1.49 0.00	28.08 1.34 0.00	27.35 1.24 0.00	28.18 1.22 0.00	28.67 1.37 0.00	32.62 1.60 0.00	31.89 1.69 0.00	36.07 2.19 0.00	34.14 2.00 0.00	27.58 1.36 0.00	26.27 1.13 0.00	25.14 1.09 0.00	26.23 1.21 0.00	26.69 1.20 0.00	27.44 1.27 0.00	27.90 1.47 0.00	35.19 2.19 0.00	43.10 2.64 0.00	54.63 3.36 0.00	48.55 2.66 0.00	42.63 2.25 0.00	42.62 2.05 0.00	40.74 2.10 0.00	40.60 2.12 0.00
DANC__LFGE 323619	29.70 -0.17 0.00	26.70 -0.04 0.00	26.21 0.11 0.00	27.13 0.17 0.00	27.42 0.12 0.00	30.82 -0.20 0.00	29.85 -0.36 0.00	33.35 -0.53 0.00	31.66 -0.48 0.00	26.38 -0.43 -0.59	24.52 -0.63 0.00	23.12 -0.94 0.00	23.90 -1.12 0.00	24.95 -1.13 -0.58	26.58 -0.78 -1.19	27.02 -0.60 -1.20	32.50 -0.50 0.00	40.21 -0.25 0.00	51.27 0.01 0.00	46.13 0.25 0.00	40.95 0.57 0.00	41.04 0.47 0.00	38.93 0.29 0.00	38.70 0.22 0.00
DANSKAMMER__1 23586	30.99 1.12 0.00	27.65 0.91 0.00	26.96 0.86 0.00	27.82 0.86 0.00	28.19 0.89 0.00	32.05 1.03 0.00	31.36 1.15 0.00	35.48 1.60 0.00	33.78 1.63 0.00	27.70 1.48 0.00	26.46 1.32 0.00	25.33 1.27 0.00	26.32 1.30 0.00	26.85 1.36 0.00	27.56 1.39 0.00	27.81 1.38 0.00	34.84 1.84 0.00	42.58 2.11 0.00	53.87 2.60 0.00	47.95 2.07 0.00	42.16 1.78 0.00	42.28 1.71 0.00	40.31 1.67 0.00	40.05 1.56 0.00
DANSKAMMER__2 23589	30.99 1.12 0.00	27.65 0.91 0.00	26.96 0.86 0.00	27.82 0.86 0.00	28.19 0.89 0.00	32.05 1.03 0.00	31.36 1.15 0.00	35.48 1.60 0.00	33.78 1.63 0.00	27.70 1.48 0.00	26.46 1.32 0.00	25.33 1.27 0.00	26.32 1.30 0.00	26.85 1.36 0.00	27.56 1.39 0.00	27.81 1.38 0.00	34.84 1.84 0.00	42.58 2.11 0.00	53.87 2.60 0.00	47.95 2.07 0.00	42.16 1.78 0.00	42.28 1.71 0.00	40.31 1.67 0.00	40.05 1.56 0.00
DANSKAMMER__3 23590	30.99 1.12 0.00	27.65 0.91 0.00	26.96 0.86 0.00	27.82 0.86 0.00	28.19 0.89 0.00	32.05 1.03 0.00	31.36 1.15 0.00	35.48 1.60 0.00	33.78 1.63 0.00	27.70 1.48 0.00	26.46 1.32 0.00	25.33 1.27 0.00	26.32 1.30 0.00	26.85 1.36 0.00	27.56 1.39 0.00	27.81 1.38 0.00	34.84 1.84 0.00	42.58 2.11 0.00	53.87 2.60 0.00	47.95 2.07 0.00	42.16 1.78 0.00	42.28 1.71 0.00	40.31 1.67 0.00	40.05 1.56 0.00

DANSKAMMER___4 23591	30.99 1.12 0.00	27.65 0.91 0.00	26.96 0.86 0.00	27.82 0.86 0.00	28.19 0.89 0.00	32.05 1.03 0.00	31.36 1.15 0.00	35.48 1.60 0.00	33.78 1.63 0.00	27.70 1.48 0.00	26.46 1.32 0.00	25.33 1.27 0.00	26.32 1.30 0.00	26.85 1.36 0.00	27.56 1.39 0.00	27.81 1.38 0.00	34.84 1.84 0.00	42.58 2.11 0.00	53.87 2.60 0.00	47.95 2.07 0.00	42.16 1.78 0.00	42.28 1.71 0.00	40.31 1.67 0.00	40.05 1.56 0.00
DANSKAMMER___DIESEL 23592	30.99 1.12 0.00	27.65 0.91 0.00	26.96 0.86 0.00	27.82 0.86 0.00	28.19 0.90 0.00	32.05 1.03 0.00	31.36 1.15 0.00	35.48 1.60 0.00	33.78 1.63 0.00	27.71 1.49 0.00	26.46 1.32 0.00	25.33 1.27 0.00	26.32 1.30 0.00	26.85 1.36 0.00	27.56 1.39 0.00	27.82 1.39 0.00	34.84 1.84 0.00	42.58 2.12 0.00	53.86 2.60 0.00	47.95 2.07 0.00	42.15 1.78 0.00	42.28 1.71 0.00	40.31 1.67 0.00	40.05 1.56 0.00
DARBY___SOLAR 323810	31.23 1.35 0.00	27.95 1.20 0.00	27.22 1.12 0.00	28.06 1.11 0.00	28.55 1.25 0.00	32.46 1.45 0.00	31.74 1.53 0.00	35.86 1.99 0.00	33.94 1.80 0.00	27.44 1.22 0.00	26.15 1.01 0.00	25.02 0.96 0.00	26.08 1.06 0.00	26.57 1.08 0.00	27.30 1.13 0.00	27.75 1.32 0.00	34.99 1.99 0.00	42.87 2.40 0.00	54.30 3.03 0.00	48.28 2.39 0.00	42.42 2.05 0.00	42.43 1.86 0.00	40.54 1.90 0.00	40.41 1.93 0.00
DASHVILLE___HYD 23610	30.52 0.65 0.00	27.23 0.48 0.00	26.55 0.45 0.00	27.40 0.44 0.00	27.75 0.45 0.00	31.54 0.53 0.00	30.85 0.64 0.00	34.88 1.00 0.00	33.27 1.13 0.00	27.38 1.16 0.00	26.21 1.06 0.00	25.08 1.02 0.00	26.06 1.05 0.00	26.57 1.08 0.00	27.24 1.07 0.00	27.42 0.99 0.00	34.28 1.28 0.00	41.86 1.40 0.00	52.90 1.63 0.00	47.11 1.23 0.00	41.43 1.05 0.00	41.59 1.02 0.00	39.67 1.03 0.00	39.40 0.92 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	30.66 0.79 0.00	27.38 0.64 0.00	26.68 0.58 0.00	27.40 0.44 0.00	27.85 0.55 0.00	31.85 0.83 0.00	31.25 1.05 0.00	35.58 1.71 0.00	33.92 1.78 0.00	28.05 1.83 0.00	26.87 1.72 0.00	25.77 1.71 0.00	26.77 1.75 0.00	27.29 1.80 0.00	28.00 1.97 0.14	27.76 1.81 0.47	35.15 2.15 0.00	42.91 2.45 0.00	54.00 2.73 0.00	48.34 2.46 0.00	42.58 2.21 0.00	42.69 2.12 0.00	40.96 2.44 0.12	40.49 2.26 0.25
DELAWARE___LFGE 323621	30.34 0.46 0.00	27.12 0.38 0.00	26.47 0.36 0.00	27.40 0.45 0.00	27.78 0.48 0.00	31.59 0.57 0.00	30.84 0.64 0.00	34.66 0.78 0.00	32.87 0.73 0.00	26.85 0.63 0.00	25.79 0.65 0.00	24.65 0.59 0.00	25.66 0.65 0.00	26.13 0.65 0.00	26.77 0.60 0.00	26.99 0.56 0.00	33.73 0.73 0.00	41.37 0.90 0.00	52.36 1.09 0.00	46.88 0.99 0.00	41.17 0.80 0.00	41.35 0.78 0.00	39.36 0.73 0.00	39.15 0.67 0.00
DERFIELD_115KV_TB7 355931	29.86 -0.02 0.00	26.71 -0.03 0.00	26.08 -0.03 0.00	26.95 -0.01 0.00	27.30 0.00 0.00	31.01 0.00 0.00	30.24 0.03 0.00	33.94 0.07 0.00	32.21 0.07 0.00	26.28 0.05 0.00	25.18 0.04 0.00	24.10 0.04 0.00	25.07 0.05 0.00	25.52 0.03 0.00	26.20 0.03 0.00	26.47 0.04 0.00	33.08 0.08 0.00	40.55 0.08 0.00	51.37 0.10 0.00	45.91 0.03 0.00	40.41 0.03 0.00	40.57 0.00 0.00	38.64 0.01 0.00	38.48 0.00 0.00
DOGLEVILLE___HYD 23807	29.61 -0.26 0.00	26.47 -0.27 0.00	25.89 -0.21 0.00	26.84 -0.12 0.00	27.27 -0.04 0.00	31.02 0.01 0.00	30.42 0.21 0.00	34.50 0.62 0.00	32.47 0.33 0.00	26.05 -0.17 0.00	24.67 -0.47 0.00	23.66 -0.40 0.00	24.91 -0.11 0.00	25.10 -0.39 0.00	25.60 -0.58 0.00	26.04 -0.39 0.00	33.47 0.47 0.00	41.01 0.54 0.00	51.95 0.68 0.00	46.20 0.32 0.00	40.67 0.29 0.00	40.81 0.24 0.00	38.93 0.29 0.00	38.74 0.26 0.00
DUNKIRK___115KV_TB_200 55889	28.65 -1.22 0.00	25.74 -1.00 0.00	25.27 -0.83 0.00	26.51 -0.45 0.00	26.88 -0.42 0.00	30.64 -0.37 0.00	29.74 -0.47 0.00	33.33 -0.55 0.00	31.61 -0.54 0.00	25.93 -0.29 0.00	24.73 -0.41 0.00	23.76 -0.30 0.00	24.64 -0.39 0.00	25.28 -0.21 0.00	26.22 0.05 0.00	26.12 -0.31 0.00	32.03 -0.96 0.00	39.30 -1.16 0.00	50.11 -1.16 0.00	45.36 -0.52 0.00	39.24 -1.13 0.00	39.19 -1.38 0.00	37.35 -1.29 0.00	37.43 -1.05 0.00
DUNKIRK___1 23563	28.65 -1.22 0.00	25.74 -1.00 0.00	25.27 -0.83 0.00	26.51 -0.45 0.00	26.88 -0.42 0.00	30.64 -0.37 0.00	29.74 -0.47 0.00	33.33 -0.55 0.00	31.61 -0.54 0.00	25.93 -0.29 0.00	24.73 -0.41 0.00	23.76 -0.30 0.00	24.64 -0.39 0.00	25.28 -0.21 0.00	26.22 0.05 0.00	26.12 -0.31 0.00	32.03 -0.96 0.00	39.30 -1.16 0.00	50.11 -1.16 0.00	45.36 -0.52 0.00	39.24 -1.13 0.00	39.19 -1.38 0.00	37.35 -1.29 0.00	37.43 -1.05 0.00
DUNKIRK___2 23564	28.65 -1.22 0.00	25.74 -1.00 0.00	25.27 -0.83 0.00	26.51 -0.45 0.00	26.88 -0.42 0.00	30.64 -0.37 0.00	29.74 -0.47 0.00	33.33 -0.55 0.00	31.61 -0.54 0.00	25.93 -0.29 0.00	24.73 -0.41 0.00	23.76 -0.30 0.00	24.64 -0.39 0.00	25.28 -0.21 0.00	26.22 0.05 0.00	26.12 -0.31 0.00	32.03 -0.96 0.00	39.30 -1.16 0.00	50.11 -1.16 0.00	45.36 -0.52 0.00	39.24 -1.13 0.00	39.19 -1.38 0.00	37.35 -1.29 0.00	37.43 -1.05 0.00
DUNKIRK___3 23565	28.61 -1.26 0.00	25.70 -1.05 0.00	25.20 -0.90 0.00	26.44 -0.52 0.00	26.80 -0.50 0.00	30.55 -0.46 0.00	29.65 -0.55 0.00	33.24 -0.64 0.00	31.53 -0.61 0.00	25.87 -0.35 0.00	24.67 -0.47 0.00	23.69 -0.37 0.00	24.57 -0.45 0.00	25.20 -0.28 0.00	26.14 -0.03 0.00	26.05 -0.38 0.00	31.97 -1.03 0.00	39.22 -1.25 0.00	49.97 -1.29 0.00	45.23 -0.65 0.00	39.14 -1.23 0.00	39.10 -1.47 0.00	37.27 -1.37 0.00	37.34 -1.14 0.00
DUNKIRK___4 23566	28.61 -1.26 0.00	25.70 -1.05 0.00	25.20 -0.90 0.00	26.44 -0.52 0.00	26.80 -0.50 0.00	30.55 -0.46 0.00	29.65 -0.55 0.00	33.24 -0.64 0.00	31.53 -0.61 0.00	25.87 -0.35 0.00	24.67 -0.47 0.00	23.69 -0.37 0.00	24.57 -0.45 0.00	25.20 -0.28 0.00	26.14 -0.03 0.00	26.05 -0.38 0.00	31.97 -1.03 0.00	39.22 -1.25 0.00	49.97 -1.29 0.00	45.23 -0.65 0.00	39.14 -1.23 0.00	39.10 -1.47 0.00	37.27 -1.37 0.00	37.34 -1.14 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	30.84 0.96 0.00	27.51 0.77 0.00	26.83 0.73 0.00	27.68 0.72 0.00	28.05 0.75 0.00	31.87 0.86 0.00	31.18 0.97 0.00	35.24 1.37 0.00	33.59 1.44 0.00	27.65 1.43 0.00	26.44 1.30 0.00	25.34 1.29 0.00	26.32 1.31 0.00	26.85 1.36 0.00	27.57 1.39 0.00	27.77 1.34 0.00	34.69 1.69 0.00	42.25 1.79 0.00	53.35 2.08 0.00	47.45 1.57 0.00	41.78 1.40 0.00	41.96 1.39 0.00	40.05 1.41 0.00	39.80 1.32 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	30.79 0.92 0.00	27.47 0.73 0.00	26.79 0.69 0.00	27.65 0.69 0.00	28.01 0.71 0.00	31.83 0.82 0.00	31.13 0.92 0.00	35.24 1.37 0.00	33.57 1.43 0.00	27.55 1.33 0.00	26.32 1.17 0.00	25.18 1.12 0.00	26.15 1.13 0.00	26.68 1.19 0.00	27.39 1.22 0.00	27.62 1.19 0.00	34.58 1.58 0.00	42.29 1.82 0.00	53.51 2.24 0.00	47.64 1.75 0.00	41.89 1.51 0.00	42.02 1.45 0.00	40.08 1.44 0.00	39.82 1.34 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	30.90 1.03 0.00	27.58 0.84 0.00	26.87 0.76 0.00	27.71 0.75 0.00	28.07 0.78 0.00	31.86 0.85 0.00	31.17 0.97 0.00	35.25 1.37 0.00	33.60 1.46 0.00	27.73 1.51 0.00	26.50 1.36 0.00	25.38 1.32 0.00	26.33 1.31 0.00	26.86 1.37 0.00	27.59 1.42 0.00	27.73 1.30 0.00	34.65 1.65 0.00	42.22 1.76 0.00	53.29 2.02 0.00	47.44 1.56 0.00	41.86 1.49 0.00	41.95 1.38 0.00	40.04 1.40 0.00	39.78 1.31 0.00
E179THST_13_KV_LOAD 356214	31.02 1.15 0.00	27.69 0.94 0.00	26.96 0.86 0.00	27.80 0.84 0.00	28.17 0.87 0.00	31.98 0.96 0.00	31.29 1.08 0.00	35.39 1.51 0.00	33.73 1.59 0.00	27.84 1.62 0.00	26.61 1.47 0.00	25.48 1.42 0.00	26.43 1.41 0.00	26.98 1.49 0.00	27.72 1.54 0.00	27.85 1.42 0.00	34.80 1.80 0.00	42.41 1.95 0.00	53.55 2.28 0.00	47.65 1.77 0.00	42.05 1.67 0.00	42.14 1.57 0.00	40.21 1.58 0.00	39.95 1.47 0.00
EAST HAMPTON___GT 23717	30.00 0.13 0.00	26.80 0.06 0.00	26.11 0.01 0.00	26.79 -0.17 0.00	27.26 -0.04 0.00	31.30 0.29 0.00	30.83 0.63 0.00	35.20 1.32 0.00	33.72 1.58 0.00	28.00 1.79 0.00	26.89 1.75 0.00	25.89 1.84 0.00	26.95 1.93 0.00	27.50 2.01 0.00	28.20 2.17 0.14	27.93 1.98 0.47	35.27 2.27 0.00	43.05 2.59 0.00	54.18 2.92 0.00	48.63 2.75 0.00	42.80 2.43 0.00	42.82 2.25 0.00	41.01 2.49 0.12	40.58 2.35 0.25
EAST RIVER___6 23660	30.94 1.07 0.00	27.60 0.86 0.00	26.93 0.83 0.00	27.76 0.79 0.00	28.12 0.82 0.00	31.93 0.92 0.00	31.26 1.05 0.00	35.32 1.45 0.00	33.71 1.57 0.00	27.80 1.58 0.00	26.60 1.46 0.00	25.51 1.45 0.00	26.49 1.46 0.00	27.02 1.53 0.00	27.74 1.57 0.00	27.94 1.51 0.00	34.87 1.87 0.00	42.41 1.94 0.00	53.46 2.19 0.00	47.57 1.69 0.00	41.90 1.52 0.00	42.09 1.51 0.00	40.16 1.52 0.00	39.87 1.40 0.00
EAST RIVER___7 23524	30.94 1.07 0.00	27.60 0.86 0.00	26.93 0.83 0.00	27.76 0.79 0.00	28.12 0.82 0.00	31.93 0.92 0.00	31.26 1.05 0.00	35.32 1.45 0.00	33.71 1.57 0.00	27.80 1.58 0.00	26.60 1.46 0.00	25.51 1.45 0.00	26.49 1.46 0.00	27.02 1.53 0.00	27.74 1.57 0.00	27.94 1.51 0.00	34.87 1.87 0.00	42.41 1.94 0.00	53.46 2.19 0.00	47.57 1.69 0.00	41.90 1.52 0.00	42.09 1.51 0.00	40.16 1.52 0.00	39.87 1.40 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	30.79 0.92 0.00	27.48 0.74 0.00	26.79 0.69 0.00	27.64 0.69 0.00	28.02 0.72 0.00	31.84 0.83 0.00	31.15 0.94 0.00	35.21 1.33 0.00	33.54 1.40 0.00	27.59 1.37 0.00	26.39 1.25 0.00	25.28 1.22 0.00	26.27 1.25 0.00	26.80 1.31 0.00	27.51 1.34 0.00	27.71 1.28 0.00	34.63 1.63 0.00	42.20 1.74 0.00	53.29 2.02 0.00	47.41 1.52 0.00	41.73 1.35 0.00	41.90 1.33 0.00	39.99 1.35 0.00	39.74 1.27 0.00
EAST_HAMPTON___DIESEL 23722	29.90 0.03 0.00	26.69 -0.05 0.00	26.01 -0.09 0.00	26.69 -0.27 0.00	27.18 -0.13 0.00	31.20 0.19 0.00	30.75 0.54 0.00	35.10 1.23 0.00	33.65 1.51 0.00	27.97 1.76 0.00	26.86 1.72 0.00	25.89 1.83 0.00	26.95 1.93 0.00	27.51 2.02 0.00	28.20 2.17 0.14	27.93 1.98 0.47	35.25 2.25 0.00	43.02 2.56 0.00	54.14 2.87 0.00	48.61 2.73 0.00	42.78 2.41 0.00	42.79 2.23 0.00	40.98 2.46 0.12	40.55 2.32 0.25
EAST_POINT___SOLAR 323840	31.64 1.77 0.00	28.35 1.60 0.00	27.71 1.61 0.00	28.70 1.74 0.00	29.07 1.77 0.00	33.07 2.06 0.00	32.23 2.03 0.00	36.17 2.30 0.00	33.73 1.59 0.00	26.54 0.32 0.00	25.35 0.20 0.00	24.24 0.18 0.00	25.88 0.86 0.00	26.28 0.79 0.00	26.77 0.59 0.00	27.07 0.64 0.00	34.86 1.86 0.00	43.31 2.85 0.00	55.05 3.78 0.00	49.34 3.46 0.00	43.23 2.86 0.00	43.43 2.86 0.00	41.22 2.58 0.00	40.90 2.42 0.00
EAST_PULASKI___ESR 323781	29.36 -0.51 0.00	26.32 -0.43 0.00	25.75 -0.35 0.00	26.66 -0.30 0.00	26.97 -0.33 0.00	30.53 -0.49 0.00	29.67 -0.53 0.00	33.18 -0.70 0.00	31.48 -0.67 0.00	25.66 -0.56 0.00	24.52 -0.63 0.00	23.34 -0.72 0.00	24.21 -0.81 0.00	24.69 -0.80 0.00	25.56 -0.62 0.00	25.87 -0.56 0.00	32.33 -0.67 0.00	39.83 -0.63 0.00	50.62 -0.65 0.00	45.43 -0.45 0.00	40.05 -0.33 0.00	40.11 -0.46 0.00	38.11 -0.53 0.00	37.92 -0.55 0.00
EAST_RIVER___1 323558	30.92 1.04 0.00	27.58 0.84 0.00	26.91 0.80 0.00	27.73 0.77 0.00	28.10 0.80 0.00	31.91 0.90 0.00	31.23 1.02 0.00	35.29 1.42 0.00	33.68 1.53 0.00	27.76 1.54 0.00	26.56 1.42 0.00	25.47 1.41 0.00	26.45 1.43 0.00	26.98 1.49 0.00	27.70 1.53 0.00	27.89 1.46 0.00	34.81 1.81 0.00	42.34 1.88 0.00	53.40 2.14 0.00	47.49 1.61 0.00	41.83 1.46 0.00	42.02 1.45 0.00	40.12 1.48 0.00	39.83 1.35 0.00
EAST_RIVER___2 323559	30.94 1.07 0.00	27.60 0.86 0.00	26.93 0.83 0.00	27.76 0.79 0.00	28.12 0.82 0.00	31.93 0.92 0.00	31.26 1.05 0.00	35.32 1.45 0.00	33.71 1.57 0.00	27.80 1.58 0.00	26.60 1.46 0.00	25.51 1.45 0.00	26.49 1.46 0.00	27.02 1.53 0.00	27.74 1.57 0.00	27.94 1.51 0.00	34.87 1.87 0.00	42.41 1.94 0.00	53.46 2.19 0.00	47.57 1.69 0.00	41.90 1.52 0.00	42.09 1.51 0.00	40.16 1.52 0.00	39.87 1.40 0.00
EAST___DELAWARE_HYD 23607	31.09 1.21 0.00	27.73 0.99 0.00	27.04 0.94 0.00	27.92 0.96 0.00	28.30 1.00 0.00	32.16 1.15 0.00	31.45 1.24 0.00	35.50 1.63 0.00	33.84 1.70 0.00	27.71 1.49 0.00	26.44 1.30 0.00	25.25 1.19 0.00	26.22 1.20 0.00	26.73 1.24 0.00	27.44 1.27 0.00	27.67 1.25 0.00	34.70 1.70 0.00	42.63 2.16 0.00	54.02 2.75 0.00	48.18 2.30 0.00	42.33 1.96 0.00	42.49 1.92 0.00	40.47 1.83 0.00	40.17 1.69 0.00
EIGHT_POINT___WT_PWR 323820	28.84 -1.03 0.00	25.92 -0.82 0.00	25.41 -0.69 0.00	26.58 -0.38 0.00	26.99 -0.31 0.00	30.85 -0.16 0.00	30.01 -0.20 0.00	33.68 -0.19 0.00	31.78 -0.36 0.00	25.78 -0.43 0.00	24.71 -0.43 0.00	23.58 -0.48 0.00	24.56 -0.46 0.00	25.22 -0.27 0.00	26.07 -0.10 0.00	26.11 -0.32 0.00	32.35 -0.65 0.00	39.88 -0.59 0.00	50.92 -0.35 0.00	45.72 -0.16 0.00	39.75 -0.63 0.00	39.74 -0.83 0.00	37.82 -0.82 0.00	37.91 -0.57 0.00
ELBRIDGE_115KV_TB2 80188	29.23 -0.64 0.00	26.19 -0.55 0.00	25.54 -0.56 0.00	26.49 -0.47 0.00	26.85 -0.45 0.00	30.55 -0.46 0.00	29.70 -0.51 0.00	33.30 -0.58 0.00	31.57 -0.57 0.00	25.74 -0.47 0.00	24.67 -0.47 0.00	23.57 -0.49 0.00	24.57 -0.45 0.00	25.06 -0.43 0.00	25.78 -0.39 0.00	25.97 -0.46 0.00	32.40 -0.60 0.00	39.83 -0.63 0.00	50.42 -0.85 0.00	45.24 -0.64 0.00	39.70 -0.68 0.00	39.74 -0.82 0.00	37.74 -0.90 0.00	37.59 -0.89 0.00
ELEC_TRO_TEK 24086	30.85 0.97 0.00	27.54 0.80 0.00	26.84 0.74 0.00	27.64 0.68 0.00	28.03 0.73 0.00	31.88 0.87 0.00	31.17 0.96 0.00	35.33 1.46 0.00	33.55 1.41 0.00	27.66 1.44 0.00	26.51 1.37 -0.01	25.36 1.30 0.00	26.33 1.32 0.00	26.84 1.35 0.00	28.45 1.50 -0.77	30.42 1.43 -2.57	34.65 1.65 -0.01	42.15 1.69 0.00	53.09 1.83 0.00	47.28 1.40 0.00	41.67 1.30 0.00	41.88 1.31 0.00	40.97 1.68 -0.64	41.31 1.47 -1.36

ELLENBURG_WT_PWR 323604	30.17 0.29 0.00	27.10 0.36 0.00	26.48 0.38 0.00	27.23 0.26 0.00	27.45 0.15 0.00	31.17 0.16 0.00	30.16 -0.05 0.00	33.38 -0.50 0.00	31.54 -0.61 0.00	2.52 -0.67 23.03	24.62 -0.52 0.00	23.51 -0.55 0.00	24.40 -0.62 0.00	1.96 -0.67 22.87	-21.08 -0.76 46.50	-21.03 -0.69 46.77	32.36 -0.64 0.00	39.77 -0.70 0.00	51.16 -0.11 0.00	45.99 0.11 0.00	40.92 0.54 0.00	41.55 0.97 0.00	39.68 1.04 0.00	39.64 1.16 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	28.39 -1.48 0.00	25.56 -1.19 0.00	25.03 -1.07 0.00	26.26 -0.70 0.00	26.61 -0.68 0.00	30.33 -0.68 0.00	29.40 -0.81 0.00	32.85 -1.02 0.00	31.19 -0.96 0.00	25.58 -0.64 0.00	24.45 -0.69 0.00	23.51 -0.55 0.00	24.40 -0.62 0.00	25.05 -0.44 0.00	25.97 -0.21 0.00	25.86 -0.57 0.00	31.65 -1.35 0.00	38.78 -1.69 0.00	49.30 -1.97 0.00	44.61 -1.27 0.00	38.58 -1.80 0.00	38.36 -2.21 0.00	36.66 -1.98 0.00	36.80 -1.68 0.00
EMPIRE_CC_1 323656	30.60 0.72 0.00	27.36 0.62 0.00	26.67 0.57 0.00	27.51 0.55 0.00	27.93 0.63 0.00	31.74 0.73 0.00	31.02 0.81 0.00	35.01 1.13 0.00	33.21 1.07 0.00	27.04 0.82 0.00	25.82 0.68 0.00	24.74 0.68 0.00	25.75 0.74 0.00	26.26 0.77 0.00	26.93 0.76 0.00	27.31 0.88 0.00	34.18 1.19 0.00	41.78 1.31 0.00	52.86 1.60 0.00	47.05 1.17 0.00	41.50 1.12 0.00	41.56 0.99 0.00	39.66 1.02 0.00	39.58 1.10 0.00
EMPIRE_CC_2 323658	30.60 0.72 0.00	27.36 0.62 0.00	26.67 0.57 0.00	27.51 0.55 0.00	27.93 0.63 0.00	31.74 0.73 0.00	31.02 0.81 0.00	35.01 1.13 0.00	33.21 1.07 0.00	27.04 0.82 0.00	25.82 0.68 0.00	24.74 0.68 0.00	25.75 0.74 0.00	26.26 0.77 0.00	26.93 0.76 0.00	27.31 0.88 0.00	34.18 1.19 0.00	41.78 1.31 0.00	52.86 1.60 0.00	47.05 1.17 0.00	41.50 1.12 0.00	41.56 0.99 0.00	39.66 1.02 0.00	39.58 1.10 0.00
ENORWICH_115KV_TB1 80156	31.21 1.34 0.00	27.83 1.09 0.00	27.16 1.06 0.00	28.42 1.46 0.00	28.90 1.60 0.00	32.92 1.91 0.00	32.31 2.11 0.00	36.46 2.58 0.00	34.35 2.20 0.00	27.64 1.42 0.00	26.14 0.99 0.00	24.85 0.79 0.00	25.90 0.88 0.00	26.48 1.00 0.00	27.24 1.06 0.00	27.64 1.21 0.00	34.97 1.97 0.00	43.36 2.90 0.00	55.14 3.88 0.00	49.56 3.67 0.00	43.31 2.93 0.00	43.26 2.69 0.00	41.03 2.39 0.00	40.67 2.19 0.00
ERIE_ST__34_KV_TB1-2 80199	28.81 -1.06 0.00	25.87 -0.87 0.00	25.34 -0.76 0.00	26.56 -0.40 0.00	26.92 -0.38 0.00	30.70 -0.31 0.00	29.78 -0.43 0.00	33.35 -0.53 0.00	31.66 -0.48 0.00	25.97 -0.25 0.00	24.79 -0.36 0.00	23.81 -0.24 0.00	24.72 -0.31 0.00	25.38 -0.10 0.00	26.32 0.14 0.00	26.20 -0.23 0.00	32.14 -0.86 0.00	39.42 -1.05 0.00	50.19 -1.08 0.00	45.42 -0.46 0.00	39.29 -1.08 0.00	39.13 -1.44 0.00	37.33 -1.31 0.00	37.42 -1.06 0.00
ERIE_WT_PWR 323693	28.58 -1.29 0.00	25.70 -1.04 0.00	25.18 -0.92 0.00	26.41 -0.55 0.00	26.77 -0.53 0.00	30.52 -0.49 0.00	29.58 -0.62 0.00	33.09 -0.78 0.00	31.40 -0.74 0.00	25.75 -0.47 0.00	24.59 -0.55 0.00	23.65 -0.41 0.00	24.53 -0.49 0.00	25.19 -0.30 0.00	26.10 -0.07 0.00	25.99 -0.44 0.00	31.83 -1.17 0.00	39.01 -1.45 0.00	49.65 -1.61 0.00	44.96 -0.92 0.00	38.91 -1.46 0.00	38.68 -1.89 0.00	36.93 -1.70 0.00	37.08 -1.40 0.00
ESPRGFLD_115KV_TB1 80157	30.92 1.05 0.00	27.72 0.98 0.00	27.09 0.99 0.00	28.13 1.17 0.00	28.50 1.21 0.00	32.40 1.39 0.00	31.55 1.34 0.00	35.33 1.46 0.00	33.46 1.32 0.00	27.18 0.96 0.00	26.18 1.03 0.00	24.96 0.90 0.00	26.01 0.99 0.00	26.46 0.97 0.00	27.12 0.95 0.00	27.32 0.89 0.00	34.16 1.16 0.00	42.20 1.73 0.00	53.52 2.25 0.00	48.12 2.24 0.00	42.18 1.81 0.00	42.43 1.86 0.00	40.29 1.65 0.00	40.00 1.52 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	29.99 0.12 0.00	26.80 0.06 0.00	26.18 0.08 0.00	27.15 0.19 0.00	27.53 0.23 0.00	31.34 0.33 0.00	30.59 0.39 0.00	34.37 0.49 0.00	32.55 0.40 0.00	26.41 0.19 0.00	25.14 0.00 0.00	24.01 -0.05 0.00	24.97 -0.05 0.00	25.47 -0.02 0.00	26.19 0.02 0.00	26.54 0.11 0.00	33.27 0.27 0.00	41.01 0.54 0.00	52.16 0.89 0.00	46.79 0.91 0.00	40.97 0.60 0.00	41.07 0.50 0.00	39.00 0.36 0.00	38.79 0.31 0.00
ETNA____115KV_TB2 80207	29.99 0.12 0.00	26.80 0.06 0.00	26.18 0.08 0.00	27.15 0.19 0.00	27.53 0.23 0.00	31.34 0.33 0.00	30.59 0.39 0.00	34.37 0.49 0.00	32.55 0.40 0.00	26.41 0.19 0.00	25.14 0.00 0.00	24.01 -0.05 0.00	24.97 -0.05 0.00	25.47 -0.02 0.00	26.19 0.02 0.00	26.54 0.11 0.00	33.27 0.27 0.00	41.01 0.54 0.00	52.16 0.89 0.00	46.79 0.91 0.00	40.97 0.60 0.00	41.07 0.50 0.00	39.00 0.36 0.00	38.79 0.31 0.00
EUCLID__115KV_TB2 356179	29.14 -0.74 0.00	26.08 -0.66 0.00	25.46 -0.64 0.00	26.37 -0.59 0.00	26.72 -0.58 0.00	30.39 -0.62 0.00	29.58 -0.63 0.00	33.10 -0.78 0.00	31.39 -0.75 0.00	25.62 -0.60 0.00	24.58 -0.57 0.00	23.51 -0.54 0.00	24.46 -0.56 0.00	24.96 -0.53 0.00	25.67 -0.50 0.00	25.89 -0.54 0.00	32.25 -0.75 0.00	39.62 -0.84 0.00	50.22 -1.05 0.00	44.99 -0.89 0.00	39.50 -0.88 0.00	39.54 -1.03 0.00	37.61 -1.02 0.00	37.45 -1.03 0.00
E_CANADA_CAP_HY 24051	31.36 1.48 0.00	28.13 1.38 0.00	27.52 1.42 0.00	28.54 1.58 0.00	28.91 1.61 0.00	32.83 1.81 0.00	31.93 1.72 0.00	35.72 1.84 0.00	33.68 1.54 0.00	27.10 0.88 0.00	26.05 0.91 0.00	24.87 0.81 0.00	26.04 1.02 0.00	26.42 0.93 0.00	27.07 0.89 0.00	27.33 0.90 0.00	34.36 1.36 0.00	42.59 2.12 0.00	54.04 2.77 0.00	48.56 2.68 0.00	42.60 2.22 0.00	42.92 2.35 0.00	40.78 2.14 0.00	40.50 2.02 0.00
E_CANADA_MHWK_HY 24050	29.61 -0.26 0.00	26.47 -0.27 0.00	25.89 -0.21 0.00	26.84 -0.12 0.00	27.27 -0.04 0.00	31.02 0.01 0.00	30.42 0.21 0.00	34.50 0.62 0.00	32.47 0.33 0.00	26.05 -0.17 0.00	24.67 -0.47 0.00	23.66 -0.40 0.00	24.91 -0.11 0.00	25.10 -0.39 0.00	25.60 -0.58 0.00	26.04 -0.39 0.00	33.47 0.47 0.00	41.01 0.54 0.00	51.95 0.68 0.00	46.20 0.32 0.00	40.67 0.29 0.00	40.81 0.24 0.00	38.93 0.29 0.00	38.74 0.26 0.00
E_FISHKILL__LBMP 23776	30.68 0.81 0.00	27.39 0.64 0.00	26.70 0.60 0.00	27.55 0.59 0.00	27.93 0.63 0.00	31.73 0.72 0.00	31.04 0.84 0.00	35.08 1.20 0.00	33.40 1.25 0.00	27.42 1.20 0.00	26.22 1.07 0.00	25.11 1.06 0.00	26.12 1.10 0.00	26.64 1.15 0.00	27.31 1.14 0.00	27.54 1.12 0.00	34.45 1.45 0.00	42.02 1.56 0.00	53.10 1.83 0.00	47.25 1.37 0.00	41.58 1.20 0.00	41.73 1.16 0.00	39.82 1.18 0.00	39.59 1.11 0.00
FALCON__SEABRD_CC1 323796	30.75 0.88 0.00	27.72 0.98 0.00	27.06 0.96 0.00	27.87 0.91 0.00	28.29 0.99 0.00	32.12 1.11 0.00	31.15 0.94 0.00	34.42 0.54 0.00	32.42 0.27 0.00	2.75 -0.01 23.47	25.24 0.10 0.00	24.21 0.15 0.00	25.11 0.09 0.00	2.20 0.00 23.29	-21.29 -0.09 47.37	-21.35 -0.14 47.64	32.97 -0.03 0.00	40.33 -0.14 0.00	51.57 0.30 0.00	46.23 0.35 0.00	41.23 0.85 0.00	42.15 1.58 0.00	40.30 1.66 0.00	40.42 1.94 0.00

FALCON___SEABRD_CC2 323797	30.75 0.88 0.00	27.72 0.98 0.00	27.06 0.96 0.00	27.87 0.91 0.00	28.29 0.99 0.00	32.12 1.11 0.00	31.15 0.94 0.00	34.42 0.54 0.00	32.42 0.27 0.00	2.75 -0.01 23.47	25.24 0.10 0.00	24.21 0.15 0.00	25.11 0.09 0.00	2.20 0.00 23.29	-21.29 -0.09 47.37	-21.35 -0.14 47.64	32.97 -0.03 0.00	40.33 -0.14 0.00	51.57 0.30 0.00	46.23 0.35 0.00	41.23 0.85 0.00	42.15 1.58 0.00	40.30 1.66 0.00	40.42 1.94 0.00
FAR ROCKAWAY___4 23548	31.15 1.27 0.00	27.78 1.04 0.00	27.08 0.98 0.00	27.88 0.92 0.00	28.27 0.97 0.00	32.16 1.15 0.00	31.44 1.24 0.00	35.63 1.76 0.00	33.85 1.71 0.00	27.93 1.71 0.00	26.80 1.64 -0.02	25.62 1.56 0.00	26.61 1.59 0.00	27.13 1.63 -0.01	30.09 1.81 -2.10	35.17 1.75 -7.00	35.08 2.05 -0.03	42.66 2.20 0.00	53.75 2.48 0.00	47.88 1.99 0.00	42.20 1.82 0.00	42.42 1.84 -0.01	42.57 2.18 -1.76	44.24 1.92 -3.84
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	30.91 1.04 0.00	27.57 0.83 0.00	26.90 0.79 0.00	27.73 0.77 0.00	28.09 0.79 0.00	31.90 0.89 0.00	31.22 1.02 0.00	35.29 1.42 0.00	33.66 1.52 0.00	27.75 1.53 0.00	26.55 1.41 0.00	25.46 1.41 0.00	26.44 1.42 0.00	26.97 1.48 0.00	27.69 1.51 0.00	27.88 1.45 0.00	34.79 1.80 0.00	42.32 1.86 0.00	53.37 2.10 0.00	47.47 1.59 0.00	41.82 1.44 0.00	42.00 1.43 0.00	40.10 1.47 0.00	39.82 1.34 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	30.92 1.04 0.00	27.59 0.84 0.00	26.91 0.81 0.00	27.73 0.77 0.00	28.10 0.80 0.00	31.91 0.90 0.00	31.23 1.02 0.00	35.29 1.42 0.00	33.68 1.53 0.00	27.76 1.54 0.00	26.56 1.41 0.00	25.47 1.41 0.00	26.44 1.42 0.00	26.97 1.48 0.00	27.69 1.52 0.00	27.88 1.46 0.00	34.80 1.80 0.00	42.33 1.87 0.00	53.38 2.11 0.00	47.49 1.61 0.00	41.82 1.45 0.00	42.01 1.44 0.00	40.12 1.48 0.00	39.83 1.35 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	30.90 1.03 0.00	27.56 0.82 0.00	26.88 0.78 0.00	27.72 0.76 0.00	28.08 0.78 0.00	31.89 0.88 0.00	31.20 1.00 0.00	35.26 1.39 0.00	33.65 1.50 0.00	27.74 1.52 0.00	26.54 1.40 0.00	25.45 1.39 0.00	26.43 1.41 0.00	26.96 1.47 0.00	27.67 1.50 0.00	27.86 1.43 0.00	34.77 1.78 0.00	42.29 1.83 0.00	53.33 2.07 0.00	47.45 1.57 0.00	41.78 1.41 0.00	41.98 1.41 0.00	40.08 1.44 0.00	39.80 1.32 0.00
FARRAGUT___LBMP 323566	30.88 1.00 0.00	27.55 0.81 0.00	26.87 0.77 0.00	27.70 0.74 0.00	28.06 0.77 0.00	31.87 0.86 0.00	31.20 0.99 0.00	35.25 1.38 0.00	33.62 1.48 0.00	27.72 1.51 0.00	26.53 1.38 0.00	25.43 1.37 0.00	26.40 1.39 0.00	26.94 1.45 0.00	27.65 1.48 0.00	27.84 1.41 0.00	34.75 1.75 0.00	42.27 1.80 0.00	53.30 2.03 0.00	47.41 1.53 0.00	41.76 1.38 0.00	41.95 1.38 0.00	40.06 1.42 0.00	39.77 1.30 0.00
FENNER___WINDPWR 24204	30.09 0.21 0.00	26.95 0.21 0.00	26.33 0.23 0.00	27.25 0.29 0.00	27.62 0.33 0.00	31.41 0.40 0.00	30.64 0.43 0.00	34.39 0.51 0.00	32.58 0.43 0.00	26.46 0.24 0.00	25.27 0.13 0.00	24.17 0.11 0.00	25.21 0.19 0.00	25.60 0.11 0.00	26.41 0.24 0.00	26.74 0.31 0.00	33.50 0.50 0.00	41.11 0.64 0.00	52.23 0.96 0.00	46.72 0.84 0.00	41.04 0.67 0.00	41.13 0.56 0.00	39.10 0.46 0.00	38.90 0.42 0.00
FIBERTEK___ENERGY 23856	29.41 -0.47 0.00	26.33 -0.42 0.00	25.69 -0.41 0.00	26.62 -0.34 0.00	26.98 -0.32 0.00	30.70 -0.31 0.00	29.87 -0.34 0.00	33.47 -0.41 0.00	31.73 -0.41 0.00	25.88 -0.35 0.00	24.80 -0.35 0.00	23.71 -0.35 0.00	24.68 -0.34 0.00	25.19 -0.30 0.00	25.91 -0.26 0.00	26.13 -0.30 0.00	32.61 -0.39 0.00	40.08 -0.39 0.00	50.78 -0.48 0.00	45.51 -0.37 0.00	39.94 -0.44 0.00	39.99 -0.59 0.00	37.99 -0.65 0.00	37.83 -0.65 0.00
FITZPATRICK____ 23598	28.80 -1.08 0.00	25.79 -0.96 0.00	25.17 -0.93 0.00	26.06 -0.90 0.00	26.40 -0.90 0.00	30.01 -1.00 0.00	29.19 -1.01 0.00	32.63 -1.24 0.00	30.94 -1.20 0.00	25.26 -0.96 0.00	24.25 -0.89 0.00	23.22 -0.84 0.00	24.15 -0.87 0.00	24.62 -0.86 0.00	25.31 -0.86 0.00	25.52 -0.92 0.00	31.77 -1.23 0.00	39.03 -1.43 0.00	49.45 -1.82 0.00	44.31 -1.58 0.00	38.94 -1.44 0.00	38.99 -1.58 0.00	37.11 -1.52 0.00	36.94 -1.54 0.00
FLOWRFLD_69_KV_BK1 356044	31.03 1.16 0.00	27.74 1.00 0.00	27.04 0.94 0.00	27.75 0.79 0.00	28.16 0.86 0.00	32.09 1.08 0.00	31.37 1.16 0.00	35.63 1.76 0.00	33.82 1.68 0.00	27.88 1.66 0.00	26.68 1.53 0.00	25.50 1.44 0.00	26.46 1.44 0.00	26.95 1.46 0.00	27.67 1.63 0.13	27.45 1.48 0.46	34.77 1.77 0.00	42.39 1.93 0.00	53.18 1.92 0.00	47.59 1.70 0.00	41.98 1.60 0.00	42.18 1.61 0.00	40.57 2.04 0.11	40.11 1.87 0.24
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	31.04 1.17 0.00	27.69 0.95 0.00	27.01 0.91 0.00	27.87 0.91 0.00	28.24 0.94 0.00	32.10 1.09 0.00	31.41 1.20 0.00	35.53 1.65 0.00	33.83 1.69 0.00	27.75 1.53 0.00	26.51 1.37 0.00	25.37 1.32 0.00	26.37 1.35 0.00	26.90 1.40 0.00	27.61 1.43 0.00	27.87 1.44 0.00	34.91 1.91 0.00	42.66 2.20 0.00	53.97 2.70 0.00	48.03 2.15 0.00	42.23 1.85 0.00	42.35 1.79 0.00	40.37 1.74 0.00	40.11 1.63 0.00
FORT ORANGE____ 23900	30.48 0.61 0.00	27.25 0.51 0.00	26.56 0.46 0.00	27.42 0.46 0.00	27.81 0.52 0.00	31.63 0.62 0.00	30.93 0.72 0.00	34.87 1.00 0.00	33.07 0.93 0.00	26.89 0.67 0.00	25.66 0.51 0.00	24.58 0.52 0.00	25.56 0.54 0.00	26.03 0.54 0.00	26.69 0.52 0.00	27.08 0.65 0.00	33.98 0.98 0.00	41.72 1.25 0.00	52.86 1.60 0.00	47.08 1.20 0.00	41.45 1.07 0.00	41.50 0.93 0.00	39.55 0.91 0.00	39.39 0.91 0.00
FORT_DRUM_COGEN 23780	30.33 0.46 0.00	27.32 0.58 0.00	26.87 0.77 0.00	27.79 0.84 0.00	28.09 0.79 0.00	31.43 0.41 0.00	30.40 0.20 0.00	33.97 0.09 0.00	32.26 0.11 0.00	27.11 -0.08 -0.96	24.73 -0.41 0.00	23.18 -0.88 0.00	23.91 -1.11 0.00	25.31 -1.13 -0.96	27.55 -0.57 -1.95	28.11 -0.27 -1.96	33.10 0.10 0.00	41.11 0.65 0.00	52.60 1.33 0.00	47.37 1.49 0.00	42.20 1.83 0.00	42.32 1.75 0.00	40.09 1.45 0.00	39.77 1.29 0.00
FOX_HILLS___ESR 323835	31.06 1.18 0.00	27.72 0.98 0.00	27.18 1.08 0.00	28.06 1.10 0.00	28.43 1.13 0.00	32.26 1.25 0.00	31.56 1.35 0.00	35.64 1.76 0.00	34.01 1.86 0.00	28.03 1.81 0.00	26.79 1.64 0.00	25.65 1.59 0.00	26.61 1.59 0.00	27.15 1.66 0.00	27.88 1.71 0.00	27.98 1.55 0.00	34.90 1.91 0.00	42.41 1.94 0.00	53.32 2.05 0.00	47.46 1.58 0.00	41.96 1.58 0.00	42.01 1.44 0.00	40.21 1.57 0.00	39.93 1.45 0.00
FPL FAR_ROCK_GT1 24212	31.14 1.27 0.00	27.79 1.05 0.00	27.08 0.98 0.00	27.88 0.92 0.00	28.27 0.97 0.00	32.16 1.15 0.00	31.44 1.24 0.00	35.63 1.76 0.00	33.85 1.71 0.00	27.93 1.71 0.00	26.80 1.64 -0.02	25.62 1.56 0.00	26.61 1.59 0.00	27.13 1.63 -0.01	30.08 1.81 -2.10	35.17 1.75 -7.00	35.08 2.05 -0.03	42.66 2.19 0.00	53.75 2.48 0.00	47.88 2.00 0.00	42.20 1.82 0.00	42.42 1.84 -0.01	42.58 2.19 -1.76	44.24 1.92 -3.84



FPL_FAR_ROCK_GT2 23815	31.14 1.27 0.00	27.79 1.05 0.00	27.08 0.98 0.00	27.88 0.92 0.00	28.27 0.97 0.00	32.16 1.15 0.00	31.44 1.24 0.00	35.63 1.76 0.00	33.85 1.71 0.00	27.93 1.71 0.00	26.80 1.64 -0.02	25.62 1.56 0.00	26.61 1.59 0.00	27.13 1.63 -0.01	30.08 1.81 -2.10	35.17 1.75 -7.00	35.08 2.05 -0.03	42.66 2.19 0.00	53.75 2.48 0.00	47.88 2.00 0.00	42.20 1.82 0.00	42.42 1.84 -0.01	42.58 2.19 -1.76	44.24 1.92 -3.84
FRANKLIN_FALL_HYD 24054	30.68 0.81 0.00	27.57 0.82 0.00	26.92 0.82 0.00	27.69 0.72 0.00	27.91 0.61 0.00	31.67 0.66 0.00	30.69 0.49 0.00	34.10 0.23 0.00	32.28 0.14 0.00	41.33 -0.06 -15.17	25.15 0.01 0.00	24.01 -0.05 0.00	24.88 -0.14 0.00	40.42 -0.13 -15.06	56.68 -0.12 -30.63	57.19 -0.04 -30.80	33.09 0.09 0.00	40.73 0.27 0.00	52.28 1.01 0.00	46.99 1.11 0.00	41.69 1.31 0.00	42.29 1.73 0.00	40.29 1.65 0.00	40.19 1.71 0.00
FREEPORT_EQUS_GT1 23764	31.00 1.12 0.00	27.67 0.93 0.00	26.96 0.86 0.00	27.75 0.79 0.00	28.13 0.84 0.00	32.02 1.00 0.00	31.31 1.10 0.00	35.52 1.65 0.00	33.73 1.58 0.00	27.79 1.57 0.00	26.63 1.48 -0.01	25.46 1.40 0.00	26.43 1.41 0.00	26.94 1.45 0.00	28.44 1.62 -0.66	30.15 1.54 -2.18	34.82 1.82 -0.01	42.34 1.88 0.00	53.33 2.07 0.00	47.55 1.67 0.00	41.92 1.54 0.00	42.12 1.55 0.00	41.11 1.93 -0.55	41.28 1.72 -1.08
FREEPORT___CT2 23818	31.00 1.12 0.00	27.67 0.93 0.00	26.96 0.86 0.00	27.75 0.79 0.00	28.13 0.84 0.00	32.02 1.00 0.00	31.31 1.10 0.00	35.52 1.65 0.00	33.73 1.58 0.00	27.79 1.57 0.00	26.63 1.48 -0.01	25.46 1.40 0.00	26.43 1.41 0.00	26.94 1.45 0.00	28.44 1.62 -0.66	30.15 1.54 -2.18	34.82 1.82 -0.01	42.34 1.88 0.00	53.33 2.07 0.00	47.55 1.67 0.00	41.92 1.54 0.00	42.12 1.55 0.00	41.11 1.93 -0.55	41.28 1.72 -1.08
FRESHKLS_33_KV_LOAD 356253	31.08 1.21 0.00	27.75 1.01 0.00	27.27 1.17 0.00	28.17 1.21 0.00	28.54 1.24 0.00	32.39 1.37 0.00	31.66 1.45 0.00	35.77 1.89 0.00	34.12 1.98 0.00	28.11 1.89 0.00	26.84 1.70 0.00	25.70 1.64 0.00	26.65 1.63 0.00	27.18 1.70 0.00	27.93 1.76 0.00	28.01 1.58 0.00	34.93 1.93 0.00	42.44 1.97 0.00	53.29 2.02 0.00	47.44 1.56 0.00	41.98 1.60 0.00	41.99 1.42 0.00	40.23 1.59 0.00	39.95 1.48 0.00
FULTON COGEN____ 23766	29.05 -0.82 0.00	26.01 -0.74 0.00	25.39 -0.71 0.00	26.29 -0.67 0.00	26.64 -0.66 0.00	30.29 -0.72 0.00	29.49 -0.72 0.00	32.99 -0.89 0.00	31.28 -0.86 0.00	25.52 -0.70 0.00	24.53 -0.62 0.00	23.45 -0.60 0.00	24.41 -0.61 0.00	24.90 -0.59 0.00	25.61 -0.56 0.00	25.84 -0.59 0.00	32.19 -0.81 0.00	39.55 -0.92 0.00	50.13 -1.14 0.00	44.90 -0.98 0.00	39.42 -0.95 0.00	39.46 -1.11 0.00	37.53 -1.11 0.00	37.36 -1.11 0.00
FULTON___LFGE 323630	31.38 1.50 0.00	28.10 1.36 0.00	27.46 1.36 0.00	28.42 1.46 0.00	28.81 1.51 0.00	32.75 1.73 0.00	31.92 1.72 0.00	35.84 1.96 0.00	33.63 1.48 0.00	26.77 0.55 0.00	25.58 0.43 0.00	24.47 0.42 0.00	25.78 0.76 0.00	26.07 0.58 0.00	26.66 0.49 0.00	27.03 0.60 0.00	34.56 1.56 0.00	42.89 2.43 0.00	54.43 3.16 0.00	48.77 2.88 0.00	42.77 2.39 0.00	42.94 2.37 0.00	40.81 2.17 0.00	40.53 2.05 0.00
G.F.CEMENT___DRP 24184	31.62 1.75 0.00	28.32 1.58 0.00	27.57 1.47 0.00	28.38 1.42 0.00	28.92 1.62 0.00	32.91 1.90 0.00	32.20 2.00 0.00	36.45 2.58 0.00	34.50 2.35 0.00	27.82 1.60 0.00	26.51 1.37 0.00	25.40 1.34 0.00	26.51 1.49 0.00	26.96 1.47 0.00	27.76 1.58 0.00	28.20 1.77 0.00	35.59 2.59 0.00	43.60 3.13 0.00	55.25 3.98 0.00	49.05 3.17 0.00	42.97 2.59 0.00	42.92 2.35 0.00	41.10 2.46 0.00	40.95 2.48 0.00
GARDENVILLE___LBMP 24039	28.49 -1.39 0.00	25.63 -1.11 0.00	25.11 -0.99 0.00	26.34 -0.63 0.00	26.69 -0.61 0.00	30.43 -0.58 0.00	29.50 -0.71 0.00	32.99 -0.89 0.00	31.30 -0.84 0.00	25.67 -0.56 0.00	24.53 -0.61 0.00	23.57 -0.48 0.00	24.46 -0.56 0.00	25.11 -0.37 0.00	26.03 -0.14 0.00	25.93 -0.50 0.00	31.74 -1.26 0.00	38.92 -1.54 0.00	49.51 -1.76 0.00	44.81 -1.08 0.00	38.75 -1.62 0.00	38.56 -2.01 0.00	36.83 -1.81 0.00	36.96 -1.51 0.00
GARDNVLA_35_KV_LD 355827	28.60 -1.27 0.00	25.72 -1.02 0.00	25.20 -0.90 0.00	26.43 -0.53 0.00	26.79 -0.51 0.00	30.52 -0.49 0.00	29.61 -0.60 0.00	33.12 -0.76 0.00	31.44 -0.71 0.00	25.78 -0.44 0.00	24.64 -0.50 0.00	23.68 -0.38 0.00	24.58 -0.45 0.00	25.23 -0.26 0.00	26.15 -0.02 0.00	26.05 -0.38 0.00	31.90 -1.10 0.00	39.10 -1.37 0.00	49.74 -1.53 0.00	45.04 -0.85 0.00	38.94 -1.44 0.00	38.73 -1.84 0.00	36.98 -1.66 0.00	37.12 -1.36 0.00
GELCKHM___115KV_LOAD 80723	29.24 -0.63 0.00	26.18 -0.56 0.00	25.55 -0.55 0.00	26.46 -0.50 0.00	26.82 -0.48 0.00	30.51 -0.50 0.00	29.69 -0.51 0.00	33.24 -0.64 0.00	31.52 -0.63 0.00	25.72 -0.50 0.00	24.66 -0.48 0.00	23.59 -0.47 0.00	24.54 -0.48 0.00	25.05 -0.45 0.00	25.76 -0.41 0.00	25.98 -0.45 0.00	32.38 -0.61 0.00	39.79 -0.67 0.00	50.43 -0.84 0.00	45.19 -0.70 0.00	39.66 -0.71 0.00	39.71 -0.86 0.00	37.75 -0.88 0.00	37.59 -0.88 0.00
GENERAL___MILLS 23808	28.57 -1.31 0.00	25.69 -1.05 0.00	25.17 -0.93 0.00	26.40 -0.56 0.00	26.76 -0.54 0.00	30.49 -0.52 0.00	29.57 -0.63 0.00	33.08 -0.80 0.00	31.39 -0.75 0.00	25.74 -0.48 0.00	24.60 -0.55 0.00	23.64 -0.42 0.00	24.53 -0.49 0.00	25.19 -0.30 0.00	26.11 -0.06 0.00	26.01 -0.43 0.00	31.84 -1.16 0.00	39.03 -1.43 0.00	49.66 -1.61 0.00	44.95 -0.93 0.00	38.87 -1.50 0.00	38.67 -1.90 0.00	36.92 -1.71 0.00	37.06 -1.42 0.00
GE_PLASTICS___DRP 24183	30.38 0.50 0.00	27.16 0.42 0.00	26.48 0.38 0.00	27.32 0.37 0.00	27.73 0.43 0.00	31.52 0.51 0.00	30.81 0.60 0.00	34.72 0.84 0.00	32.93 0.79 0.00	26.81 0.59 0.00	25.62 0.48 0.00	24.55 0.50 0.00	25.54 0.52 0.00	26.02 0.53 0.00	26.66 0.49 0.00	27.02 0.59 0.00	33.88 0.89 0.00	41.52 1.06 0.00	52.57 1.30 0.00	46.83 0.95 0.00	41.24 0.87 0.00	41.31 0.74 0.00	39.39 0.75 0.00	39.24 0.76 0.00
GILBOA___1 23756	30.24 0.36 0.00	27.03 0.29 0.00	26.36 0.26 0.00	27.23 0.27 0.00	27.60 0.31 0.00	31.38 0.36 0.00	30.64 0.43 0.00	34.50 0.63 0.00	32.77 0.63 0.00	26.80 0.58 0.00	25.80 0.66 0.00	24.71 0.65 0.00	25.79 0.77 0.00	26.18 0.70 0.00	26.70 0.52 0.00	26.97 0.54 0.00	33.72 0.72 0.00	41.20 0.73 0.00	52.00 0.73 0.00	46.47 0.59 0.00	40.91 0.53 0.00	41.11 0.53 0.00	39.20 0.56 0.00	39.02 0.54 0.00
GILBOA___2 23757	30.24 0.36 0.00	27.03 0.29 0.00	26.36 0.26 0.00	27.23 0.27 0.00	27.60 0.31 0.00	31.38 0.36 0.00	30.64 0.43 0.00	34.50 0.63 0.00	32.77 0.63 0.00	26.80 0.58 0.00	25.80 0.66 0.00	24.71 0.65 0.00	25.79 0.77 0.00	26.18 0.70 0.00	26.70 0.52 0.00	26.97 0.54 0.00	33.72 0.72 0.00	41.20 0.73 0.00	52.00 0.73 0.00	46.47 0.59 0.00	40.91 0.53 0.00	41.11 0.53 0.00	39.20 0.56 0.00	39.02 0.54 0.00

GILBOA___3 23758	30.24 0.36 0.00	27.03 0.29 0.00	26.36 0.26 0.00	27.23 0.27 0.00	27.60 0.31 0.00	31.38 0.36 0.00	30.64 0.43 0.00	34.50 0.63 0.00	32.77 0.63 0.00	26.80 0.58 0.00	25.80 0.66 0.00	24.71 0.65 0.00	25.79 0.77 0.00	26.18 0.70 0.00	26.70 0.52 0.00	26.97 0.54 0.00	33.72 0.72 0.00	41.20 0.73 0.00	52.00 0.73 0.00	46.47 0.59 0.00	40.91 0.53 0.00	41.11 0.53 0.00	39.20 0.56 0.00	39.02 0.54 0.00
GILBOA___4 23759	30.24 0.36 0.00	27.03 0.29 0.00	26.36 0.26 0.00	27.23 0.27 0.00	27.60 0.31 0.00	31.38 0.36 0.00	30.64 0.43 0.00	34.50 0.63 0.00	32.77 0.63 0.00	26.80 0.58 0.00	25.80 0.66 0.00	24.71 0.65 0.00	25.79 0.77 0.00	26.18 0.70 0.00	26.70 0.52 0.00	26.97 0.54 0.00	33.72 0.72 0.00	41.20 0.73 0.00	52.00 0.73 0.00	46.47 0.59 0.00	40.91 0.53 0.00	41.11 0.53 0.00	39.20 0.56 0.00	39.02 0.54 0.00
GILBOA___ 23599	30.24 0.37 0.00	27.03 0.29 0.00	26.36 0.26 0.00	27.23 0.27 0.00	27.61 0.31 0.00	31.38 0.36 0.00	30.64 0.43 0.00	34.50 0.63 0.00	32.77 0.63 0.00	26.80 0.58 0.00	25.81 0.66 0.00	24.71 0.65 0.00	25.79 0.77 0.00	26.18 0.70 0.00	26.70 0.52 0.00	26.96 0.54 0.00	33.72 0.72 0.00	41.20 0.73 0.00	52.00 0.73 0.00	46.47 0.59 0.00	40.91 0.53 0.00	41.11 0.53 0.00	39.20 0.56 0.00	39.02 0.54 0.00
GINNA___ 23603	27.70 -2.17 0.00	24.84 -1.90 0.00	24.27 -1.83 0.00	25.28 -1.69 0.00	25.63 -1.67 0.00	29.20 -1.81 0.00	28.39 -1.82 0.00	31.79 -2.09 0.00	30.15 -1.99 0.00	24.59 -1.63 0.00	23.53 -1.61 0.00	22.59 -1.47 0.00	23.52 -1.50 0.00	24.13 -1.36 0.00	24.93 -1.24 0.00	24.95 -1.48 0.00	30.88 -2.11 0.00	37.99 -2.47 0.00	48.20 -3.06 0.00	43.37 -2.51 0.00	37.78 -2.60 0.00	37.63 -2.94 0.00	35.80 -2.84 0.00	35.71 -2.76 0.00
GLEN PARK___ 23778	30.44 0.57 0.00	27.41 0.66 0.00	26.95 0.85 0.00	27.89 0.93 0.00	28.20 0.90 0.00	31.57 0.56 0.00	30.55 0.35 0.00	34.15 0.28 0.00	32.41 0.27 0.00	27.14 0.00 -0.91	24.76 -0.39 0.00	23.20 -0.86 0.00	23.97 -1.05 0.00	25.33 -1.07 -0.91	27.58 -0.44 -1.85	28.16 -0.12 -1.85	33.30 0.30 0.00	41.37 0.90 0.00	52.92 1.66 0.00	47.66 1.78 0.00	42.42 2.05 0.00	42.51 1.94 0.00	40.25 1.61 0.00	39.91 1.43 0.00
GLENDALE_27_KV_LOAD 356172	31.04 1.17 0.00	27.69 0.95 0.00	27.02 0.92 0.00	27.85 0.89 0.00	28.22 0.92 0.00	32.02 1.01 0.00	31.35 1.15 0.00	35.43 1.55 0.00	33.81 1.67 0.00	27.90 1.69 0.00	26.70 1.55 0.00	25.59 1.53 0.00	26.56 1.54 0.00	27.10 1.61 0.00	27.82 1.65 0.00	28.00 1.57 0.00	34.94 1.94 0.00	42.50 2.04 0.00	53.55 2.28 0.00	47.63 1.75 0.00	42.01 1.63 0.00	42.17 1.60 0.00	40.25 1.61 0.00	39.95 1.48 0.00
GLENWOOD_IC_1_G5 23712	30.97 1.09 0.00	27.63 0.88 0.00	26.94 0.84 0.00	27.76 0.80 0.00	28.14 0.84 0.00	32.00 0.98 0.00	31.30 1.10 0.00	35.45 1.57 0.00	33.71 1.56 0.00	27.76 1.54 0.00	26.58 1.43 0.00	25.45 1.39 0.00	26.43 1.41 0.00	26.96 1.46 0.00	28.09 1.57 -0.35	29.08 1.50 -1.15	34.81 1.81 0.00	42.38 1.91 0.00	53.42 2.15 0.00	47.56 1.68 0.00	41.90 1.52 0.00	42.10 1.52 0.00	40.65 1.72 -0.29	40.61 1.57 -0.56
GLENWOOD_IC_2_G1 23688	30.87 0.99 0.00	27.55 0.81 0.00	26.86 0.76 0.00	27.69 0.73 0.00	28.06 0.76 0.00	31.90 0.89 0.00	31.21 1.00 0.00	35.31 1.44 0.00	33.61 1.46 0.00	27.66 1.44 0.00	26.48 1.34 0.00	25.36 1.30 0.00	26.34 1.32 0.00	26.86 1.38 0.00	27.63 1.45 0.00	27.82 1.39 0.00	34.70 1.70 0.00	42.25 1.78 0.00	53.28 2.02 0.00	47.43 1.54 0.00	41.77 1.40 0.00	41.96 1.39 0.00	40.19 1.55 0.00	39.88 1.40 0.00
GLENWOOD_IC_3_G1 23689	30.87 0.99 0.00	27.55 0.81 0.00	26.86 0.76 0.00	27.69 0.73 0.00	28.06 0.76 0.00	31.90 0.89 0.00	31.21 1.00 0.00	35.31 1.44 0.00	33.61 1.46 0.00	27.66 1.44 0.00	26.48 1.34 0.00	25.36 1.30 0.00	26.34 1.32 0.00	26.86 1.38 0.00	27.63 1.45 0.00	27.82 1.39 0.00	34.70 1.70 0.00	42.25 1.78 0.00	53.28 2.02 0.00	47.43 1.54 0.00	41.77 1.40 0.00	41.96 1.39 0.00	40.19 1.55 0.00	39.88 1.40 0.00
GLENWOOD___4 23550	30.97 1.09 0.00	27.63 0.88 0.00	26.94 0.84 0.00	27.76 0.80 0.00	28.14 0.84 0.00	32.00 0.98 0.00	31.30 1.10 0.00	35.45 1.57 0.00	33.71 1.56 0.00	27.76 1.54 0.00	26.58 1.43 0.00	25.45 1.39 0.00	26.43 1.41 0.00	26.96 1.46 0.00	28.09 1.57 -0.35	29.08 1.50 -1.15	34.81 1.81 0.00	42.38 1.91 0.00	53.42 2.15 0.00	47.56 1.68 0.00	41.90 1.52 0.00	42.10 1.52 0.00	40.65 1.72 -0.29	40.61 1.57 -0.56
GLENWOOD___5 23614	30.97 1.09 0.00	27.63 0.88 0.00	26.94 0.84 0.00	27.76 0.80 0.00	28.14 0.84 0.00	32.00 0.98 0.00	31.30 1.10 0.00	35.45 1.57 0.00	33.71 1.56 0.00	27.76 1.54 0.00	26.58 1.43 0.00	25.45 1.39 0.00	26.43 1.41 0.00	26.96 1.46 0.00	28.09 1.57 -0.35	29.08 1.50 -1.15	34.81 1.81 0.00	42.38 1.91 0.00	53.42 2.15 0.00	47.56 1.68 0.00	41.90 1.52 0.00	42.10 1.52 0.00	40.65 1.72 -0.29	40.61 1.57 -0.56
GLOBAL GREEN_PORT_GT1 23814	30.42 0.54 0.00	27.15 0.41 0.00	26.47 0.36 0.00	27.15 0.19 0.00	27.63 0.33 0.00	31.65 0.64 0.00	31.14 0.93 0.00	35.50 1.63 0.00	33.93 1.79 0.00	28.12 1.90 0.00	26.96 1.82 0.00	25.91 1.85 0.00	26.94 1.92 0.00	27.47 1.98 0.00	28.18 2.15 0.14	27.94 1.98 0.47	35.33 2.33 0.00	43.15 2.69 0.00	54.33 3.06 0.00	48.69 2.81 0.00	42.87 2.49 0.00	42.91 2.34 0.00	41.12 2.61 0.12	40.67 2.44 0.25
GLOBE___DSASP 323697	27.73 -2.14 0.00	25.08 -1.67 0.00	24.56 -1.54 0.00	25.78 -1.18 0.00	26.13 -1.17 0.00	29.76 -1.25 0.00	28.81 -1.40 0.00	31.97 -1.90 0.00	30.36 -1.79 0.00	24.92 -1.30 0.00	23.86 -1.28 0.00	22.98 -1.08 0.00	23.83 -1.19 0.00	24.47 -1.02 0.00	25.39 -0.79 0.00	25.26 -1.17 0.00	30.80 -2.20 0.00	37.64 -2.82 0.00	47.76 -3.51 0.00	43.25 -2.63 0.00	37.36 -3.02 0.00	37.08 -3.49 0.00	35.52 -3.11 0.00	35.73 -2.75 0.00
GOETHSLN___LBMP 323567	30.75 0.88 0.00	27.43 0.69 0.00	26.73 0.63 0.00	27.57 0.61 0.00	27.93 0.63 0.00	31.72 0.71 0.00	31.05 0.85 0.00	35.07 1.20 0.00	33.47 1.32 0.00	27.59 1.37 0.00	26.39 1.24 0.00	25.30 1.24 0.00	26.26 1.24 0.00	26.79 1.30 0.00	27.51 1.34 0.00	27.69 1.27 0.00	34.57 1.57 0.00	42.04 1.58 0.00	53.07 1.80 0.00	47.20 1.32 0.00	41.56 1.19 0.00	41.76 1.19 0.00	39.89 1.25 0.00	39.61 1.13 0.00
GOLAH___69_KV_TB 1_2 80279	28.97 -0.91 0.00	26.02 -0.72 0.00	25.42 -0.68 0.00	26.63 -0.33 0.00	26.94 -0.36 0.00	30.70 -0.31 0.00	29.81 -0.40 0.00	33.31 -0.57 0.00	31.61 -0.54 0.00	25.76 -0.46 0.00	24.63 -0.51 0.00	23.60 -0.46 0.00	24.60 -0.42 0.00	25.24 -0.25 0.00	26.16 -0.01 0.00	26.11 -0.32 0.00	32.19 -0.81 0.00	39.63 -0.84 0.00	50.41 -0.86 0.00	45.44 -0.44 0.00	39.49 -0.89 0.00	39.29 -1.28 0.00	37.41 -1.23 0.00	37.37 -1.11 0.00

GOODYEAR_LAKE_HYD 323669	30.57 0.69 0.00	27.36 0.61 0.00	26.69 0.59 0.00	27.67 0.71 0.00	28.06 0.76 0.00	31.91 0.90 0.00	31.15 0.94 0.00	34.99 1.11 0.00	33.18 1.04 0.00	27.07 0.85 0.00	26.03 0.88 0.00	24.84 0.78 0.00	25.87 0.85 0.00	26.35 0.86 0.00	27.01 0.84 0.00	27.22 0.79 0.00	34.01 1.01 0.00	41.81 1.34 0.00	52.95 1.68 0.00	47.48 1.60 0.00	41.67 1.30 0.00	41.84 1.27 0.00	39.77 1.13 0.00	39.52 1.04 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	29.56 -0.31 0.00	26.42 -0.32 0.00	25.81 -0.29 0.00	26.79 -0.17 0.00	27.15 -0.15 0.00	30.90 -0.11 0.00	30.13 -0.08 0.00	33.87 -0.01 0.00	32.10 -0.04 0.00	26.22 0.00 0.00	25.06 -0.08 0.00	23.97 -0.09 0.00	24.93 -0.09 0.00	25.44 -0.05 0.00	26.17 0.00 0.00	26.36 -0.07 0.00	32.92 -0.08 0.00	40.41 -0.05 0.00	51.27 0.00 0.00	46.02 0.14 0.00	40.30 -0.08 0.00	40.51 -0.06 0.00	38.51 -0.12 0.00	38.34 -0.14 0.00
GOUDEY___7 23579	29.56 -0.31 0.00	26.42 -0.32 0.00	25.81 -0.29 0.00	26.79 -0.17 0.00	27.15 -0.15 0.00	30.90 -0.11 0.00	30.13 -0.08 0.00	33.87 -0.01 0.00	32.10 -0.04 0.00	26.22 0.00 0.00	25.06 -0.08 0.00	23.97 -0.09 0.00	24.93 -0.09 0.00	25.44 -0.05 0.00	26.17 0.00 0.00	26.36 -0.07 0.00	32.92 -0.08 0.00	40.41 -0.05 0.00	51.27 0.00 0.00	46.02 0.14 0.00	40.30 -0.08 0.00	40.51 -0.06 0.00	38.51 -0.12 0.00	38.34 -0.14 0.00
GOUDEY___8 23580	29.56 -0.31 0.00	26.42 -0.32 0.00	25.81 -0.29 0.00	26.79 -0.17 0.00	27.15 -0.15 0.00	30.90 -0.11 0.00	30.13 -0.08 0.00	33.87 -0.01 0.00	32.10 -0.04 0.00	26.22 0.00 0.00	25.06 -0.08 0.00	23.97 -0.09 0.00	24.93 -0.09 0.00	25.44 -0.05 0.00	26.17 0.00 0.00	26.36 -0.07 0.00	32.92 -0.08 0.00	40.41 -0.05 0.00	51.27 0.00 0.00	46.02 0.14 0.00	40.30 -0.08 0.00	40.51 -0.06 0.00	38.51 -0.12 0.00	38.34 -0.14 0.00
GOWANUS_GT1_1 24077	31.06 1.19 0.00	27.71 0.97 0.00	27.06 0.96 0.00	27.90 0.94 0.00	28.27 0.97 0.00	32.08 1.07 0.00	31.41 1.21 0.00	35.49 1.62 0.00	33.88 1.73 0.00	27.95 1.73 0.00	26.72 1.58 0.00	25.61 1.55 0.00	26.57 1.55 0.00	27.11 1.62 0.00	27.84 1.66 0.00	27.99 1.56 0.00	34.93 1.93 0.00	42.46 1.99 0.00	53.50 2.24 0.00	47.60 1.72 0.00	42.03 1.65 0.00	42.15 1.58 0.00	40.27 1.63 0.00	39.97 1.49 0.00
GOWANUS_GT1_2 24078	31.06 1.19 0.00	27.71 0.97 0.00	27.06 0.96 0.00	27.90 0.94 0.00	28.27 0.97 0.00	32.08 1.07 0.00	31.41 1.21 0.00	35.49 1.62 0.00	33.88 1.73 0.00	27.95 1.73 0.00	26.72 1.58 0.00	25.61 1.55 0.00	26.57 1.55 0.00	27.11 1.62 0.00	27.84 1.66 0.00	27.99 1.56 0.00	34.93 1.93 0.00	42.46 1.99 0.00	53.50 2.24 0.00	47.60 1.72 0.00	42.03 1.65 0.00	42.15 1.58 0.00	40.27 1.63 0.00	39.97 1.49 0.00
GOWANUS_GT1_3 24079	31.06 1.19 0.00	27.71 0.97 0.00	27.06 0.96 0.00	27.90 0.94 0.00	28.27 0.97 0.00	32.08 1.07 0.00	31.41 1.21 0.00	35.49 1.62 0.00	33.88 1.73 0.00	27.95 1.73 0.00	26.72 1.58 0.00	25.61 1.55 0.00	26.57 1.55 0.00	27.11 1.62 0.00	27.84 1.66 0.00	27.99 1.56 0.00	34.93 1.93 0.00	42.46 1.99 0.00	53.50 2.24 0.00	47.60 1.72 0.00	42.03 1.65 0.00	42.15 1.58 0.00	40.27 1.63 0.00	39.97 1.49 0.00
GOWANUS_GT1_4 24080	31.06 1.19 0.00	27.71 0.97 0.00	27.06 0.96 0.00	27.90 0.94 0.00	28.27 0.97 0.00	32.08 1.07 0.00	31.41 1.21 0.00	35.49 1.62 0.00	33.88 1.73 0.00	27.95 1.73 0.00	26.72 1.58 0.00	25.61 1.55 0.00	26.57 1.55 0.00	27.11 1.62 0.00	27.84 1.66 0.00	27.99 1.56 0.00	34.93 1.93 0.00	42.46 1.99 0.00	53.50 2.24 0.00	47.60 1.72 0.00	42.03 1.65 0.00	42.15 1.58 0.00	40.27 1.63 0.00	39.97 1.49 0.00
GOWANUS_GT1_5 24084	31.06 1.19 0.00	27.71 0.97 0.00	27.06 0.96 0.00	27.90 0.94 0.00	28.27 0.97 0.00	32.08 1.07 0.00	31.41 1.21 0.00	35.49 1.62 0.00	33.88 1.73 0.00	27.95 1.73 0.00	26.72 1.58 0.00	25.61 1.55 0.00	26.57 1.55 0.00	27.11 1.62 0.00	27.84 1.66 0.00	27.99 1.56 0.00	34.93 1.93 0.00	42.46 1.99 0.00	53.50 2.24 0.00	47.60 1.72 0.00	42.03 1.65 0.00	42.15 1.58 0.00	40.27 1.63 0.00	39.97 1.49 0.00
GOWANUS_GT1_6 24111	31.06 1.19 0.00	27.71 0.97 0.00	27.06 0.96 0.00	27.90 0.94 0.00	28.27 0.97 0.00	32.08 1.07 0.00	31.41 1.21 0.00	35.49 1.62 0.00	33.88 1.73 0.00	27.95 1.73 0.00	26.72 1.58 0.00	25.61 1.55 0.00	26.57 1.55 0.00	27.11 1.62 0.00	27.84 1.66 0.00	27.99 1.56 0.00	34.93 1.93 0.00	42.46 1.99 0.00	53.50 2.24 0.00	47.60 1.72 0.00	42.03 1.65 0.00	42.15 1.58 0.00	40.27 1.63 0.00	39.97 1.49 0.00
GOWANUS_GT1_7 24112	31.06 1.19 0.00	27.71 0.97 0.00	27.06 0.96 0.00	27.90 0.94 0.00	28.27 0.97 0.00	32.08 1.07 0.00	31.41 1.21 0.00	35.49 1.62 0.00	33.88 1.73 0.00	27.95 1.73 0.00	26.72 1.58 0.00	25.61 1.55 0.00	26.57 1.55 0.00	27.11 1.62 0.00	27.84 1.66 0.00	27.99 1.56 0.00	34.93 1.93 0.00	42.46 1.99 0.00	53.50 2.24 0.00	47.60 1.72 0.00	42.03 1.65 0.00	42.15 1.58 0.00	40.27 1.63 0.00	39.97 1.49 0.00
GOWANUS_GT1_8 24113	31.06 1.19 0.00	27.71 0.97 0.00	27.06 0.96 0.00	27.90 0.94 0.00	28.27 0.97 0.00	32.08 1.07 0.00	31.41 1.21 0.00	35.49 1.62 0.00	33.88 1.73 0.00	27.95 1.73 0.00	26.72 1.58 0.00	25.61 1.55 0.00	26.57 1.55 0.00	27.11 1.62 0.00	27.84 1.66 0.00	27.99 1.56 0.00	34.93 1.93 0.00	42.46 1.99 0.00	53.50 2.24 0.00	47.60 1.72 0.00	42.03 1.65 0.00	42.15 1.58 0.00	40.27 1.63 0.00	39.97 1.49 0.00
GOWANUS_GT2_1 24114	31.06 1.19 0.00	27.72 0.97 0.00	27.06 0.96 0.00	27.90 0.94 0.00	28.26 0.97 0.00	32.08 1.07 0.00	31.41 1.21 0.00	35.49 1.62 0.00	33.87 1.73 0.00	27.94 1.72 0.00	26.72 1.58 0.00	25.60 1.55 0.00	26.57 1.56 0.00	27.11 1.62 0.00	27.84 1.67 0.00	27.99 1.56 0.00	34.93 1.93 0.00	42.46 1.99 0.00	53.50 2.24 0.00	47.60 1.72 0.00	42.02 1.65 0.00	42.14 1.57 0.00	40.27 1.63 0.00	39.97 1.49 0.00
GOWANUS_GT2_2 24115	31.06 1.19 0.00	27.72 0.97 0.00	27.06 0.96 0.00	27.90 0.94 0.00	28.26 0.97 0.00	32.08 1.07 0.00	31.41 1.21 0.00	35.49 1.62 0.00	33.87 1.73 0.00	27.94 1.72 0.00	26.72 1.58 0.00	25.60 1.55 0.00	26.57 1.56 0.00	27.11 1.62 0.00	27.84 1.67 0.00	27.99 1.56 0.00	34.93 1.93 0.00	42.46 1.99 0.00	53.50 2.24 0.00	47.60 1.72 0.00	42.02 1.65 0.00	42.14 1.57 0.00	40.27 1.63 0.00	39.97 1.49 0.00
GOWANUS_GT2_3 24116	31.06 1.19 0.00	27.72 0.97 0.00	27.06 0.96 0.00	27.90 0.94 0.00	28.26 0.97 0.00	32.08 1.07 0.00	31.41 1.21 0.00	35.49 1.62 0.00	33.87 1.73 0.00	27.94 1.72 0.00	26.72 1.58 0.00	25.60 1.55 0.00	26.57 1.56 0.00	27.11 1.62 0.00	27.84 1.67 0.00	27.99 1.56 0.00	34.93 1.93 0.00	42.46 1.99 0.00	53.50 2.24 0.00	47.60 1.72 0.00	42.02 1.65 0.00	42.14 1.57 0.00	40.27 1.63 0.00	39.97 1.49 0.00

GOWANUS_GT2_4 24117	31.06 <span>1.19</span> <span>0.00</span>	27.72 <span>0.97</span> <span>0.00</span>	27.06 <span>0.96</span> <span>0.00</span>	27.90 <span>0.94</span> <span>0.00</span>	28.26 <span>0.97</span> <span>0.00</span>	32.08 <span>1.07</span> <span>0.00</span>	31.41 <span>1.21</span> <span>0.00</span>	35.49 <span>1.62</span> <span>0.00</span>	33.87 <span>1.73</span> <span>0.00</span>	27.94 <span>1.72</span> <span>0.00</span>	26.72 <span>1.58</span> <span>0.00</span>	25.60 <span>1.55</span> <span>0.00</span>	26.57 <span>1.56</span> <span>0.00</span>	27.11 <span>1.62</span> <span>0.00</span>	27.84 <span>1.67</span> <span>0.00</span>	27.99 <span>1.56</span> <span>0.00</span>	34.93 <span>1.93</span> <span>0.00</span>	42.46 <span>1.99</span> <span>0.00</span>	53.50 <span>2.24</span> <span>0.00</span>	47.60 <span>1.72</span> <span>0.00</span>	42.02 <span>1.65</span> <span>0.00</span>	42.14 <span>1.57</span> <span>0.00</span>	40.27 <span>1.63</span> <span>0.00</span>	39.97 <span>1.49</span> <span>0.00</span>
GOWANUS_GT2_5 24118	31.06 <span>1.19</span> <span>0.00</span>	27.72 <span>0.97</span> <span>0.00</span>	27.06 <span>0.96</span> <span>0.00</span>	27.90 <span>0.94</span> <span>0.00</span>	28.26 <span>0.97</span> <span>0.00</span>	32.08 <span>1.07</span> <span>0.00</span>	31.41 <span>1.21</span> <span>0.00</span>	35.49 <span>1.62</span> <span>0.00</span>	33.87 <span>1.73</span> <span>0.00</span>	27.94 <span>1.72</span> <span>0.00</span>	26.72 <span>1.58</span> <span>0.00</span>	25.60 <span>1.55</span> <span>0.00</span>	26.57 <span>1.56</span> <span>0.00</span>	27.11 <span>1.62</span> <span>0.00</span>	27.84 <span>1.67</span> <span>0.00</span>	27.99 <span>1.56</span> <span>0.00</span>	34.93 <span>1.93</span> <span>0.00</span>	42.46 <span>1.99</span> <span>0.00</span>	53.50 <span>2.24</span> <span>0.00</span>	47.60 <span>1.72</span> <span>0.00</span>	42.02 <span>1.65</span> <span>0.00</span>	42.14 <span>1.57</span> <span>0.00</span>	40.27 <span>1.63</span> <span>0.00</span>	39.97 <span>1.49</span> <span>0.00</span>
GOWANUS_GT2_6 24119	31.06 <span>1.19</span> <span>0.00</span>	27.72 <span>0.97</span> <span>0.00</span>	27.06 <span>0.96</span> <span>0.00</span>	27.90 <span>0.94</span> <span>0.00</span>	28.26 <span>0.97</span> <span>0.00</span>	32.08 <span>1.07</span> <span>0.00</span>	31.41 <span>1.21</span> <span>0.00</span>	35.49 <span>1.62</span> <span>0.00</span>	33.87 <span>1.73</span> <span>0.00</span>	27.94 <span>1.72</span> <span>0.00</span>	26.72 <span>1.58</span> <span>0.00</span>	25.60 <span>1.55</span> <span>0.00</span>	26.57 <span>1.56</span> <span>0.00</span>	27.11 <span>1.62</span> <span>0.00</span>	27.84 <span>1.67</span> <span>0.00</span>	27.99 <span>1.56</span> <span>0.00</span>	34.93 <span>1.93</span> <span>0.00</span>	42.46 <span>1.99</span> <span>0.00</span>	53.50 <span>2.24</span> <span>0.00</span>	47.60 <span>1.72</span> <span>0.00</span>	42.02 <span>1.65</span> <span>0.00</span>	42.14 <span>1.57</span> <span>0.00</span>	40.27 <span>1.63</span> <span>0.00</span>	39.97 <span>1.49</span> <span>0.00</span>
GOWANUS_GT2_7 24120	31.06 <span>1.19</span> <span>0.00</span>	27.72 <span>0.97</span> <span>0.00</span>	27.06 <span>0.96</span> <span>0.00</span>	27.90 <span>0.94</span> <span>0.00</span>	28.26 <span>0.97</span> <span>0.00</span>	32.08 <span>1.07</span> <span>0.00</span>	31.41 <span>1.21</span> <span>0.00</span>	35.49 <span>1.62</span> <span>0.00</span>	33.87 <span>1.73</span> <span>0.00</span>	27.94 <span>1.72</span> <span>0.00</span>	26.72 <span>1.58</span> <span>0.00</span>	25.60 <span>1.55</span> <span>0.00</span>	26.57 <span>1.56</span> <span>0.00</span>	27.11 <span>1.62</span> <span>0.00</span>	27.84 <span>1.67</span> <span>0.00</span>	27.99 <span>1.56</span> <span>0.00</span>	34.93 <span>1.93</span> <span>0.00</span>	42.46 <span>1.99</span> <span>0.00</span>	53.50 <span>2.24</span> <span>0.00</span>	47.60 <span>1.72</span> <span>0.00</span>	42.02 <span>1.65</span> <span>0.00</span>	42.14 <span>1.57</span> <span>0.00</span>	40.27 <span>1.63</span> <span>0.00</span>	39.97 <span>1.49</span> <span>0.00</span>
GOWANUS_GT2_8 24121	31.06 <span>1.19</span> <span>0.00</span>	27.72 <span>0.97</span> <span>0.00</span>	27.06 <span>0.96</span> <span>0.00</span>	27.90 <span>0.94</span> <span>0.00</span>	28.26 <span>0.97</span> <span>0.00</span>	32.08 <span>1.07</span> <span>0.00</span>	31.41 <span>1.21</span> <span>0.00</span>	35.49 <span>1.62</span> <span>0.00</span>	33.87 <span>1.73</span> <span>0.00</span>	27.94 <span>1.72</span> <span>0.00</span>	26.72 <span>1.58</span> <span>0.00</span>	25.60 <span>1.55</span> <span>0.00</span>	26.57 <span>1.56</span> <span>0.00</span>	27.11 <span>1.62</span> <span>0.00</span>	27.84 <span>1.67</span> <span>0.00</span>	27.99 <span>1.56</span> <span>0.00</span>	34.93 <span>1.93</span> <span>0.00</span>	42.46 <span>1.99</span> <span>0.00</span>	53.50 <span>2.24</span> <span>0.00</span>	47.60 <span>1.72</span> <span>0.00</span>	42.02 <span>1.65</span> <span>0.00</span>	42.14 <span>1.57</span> <span>0.00</span>	40.27 <span>1.63</span> <span>0.00</span>	39.97 <span>1.49</span> <span>0.00</span>
GOWANUS_GT3_1 24122	31.06 <span>1.19</span> <span>0.00</span>	27.72 <span>0.97</span> <span>0.00</span>	27.06 <span>0.96</span> <span>0.00</span>	27.90 <span>0.94</span> <span>0.00</span>	28.26 <span>0.97</span> <span>0.00</span>	32.08 <span>1.07</span> <span>0.00</span>	31.41 <span>1.21</span> <span>0.00</span>	35.49 <span>1.62</span> 																

GOWANUS_GT4_3 24132	31.06 1.19 0.00	27.71 0.97 0.00	27.06 0.96 0.00	27.90 0.94 0.00	28.27 0.97 0.00	32.08 1.07 0.00	31.41 1.21 0.00	35.49 1.62 0.00	33.88 1.73 0.00	27.95 1.73 0.00	26.72 1.58 0.00	25.61 1.55 0.00	26.57 1.55 0.00	27.11 1.62 0.00	27.84 1.66 0.00	27.99 1.56 0.00	34.93 1.93 0.00	42.46 1.99 0.00	53.50 2.24 0.00	47.60 1.72 0.00	42.03 1.65 0.00	42.15 1.58 0.00	40.27 1.63 0.00	39.97 1.49 0.00
GOWANUS_GT4_4 24133	31.06 1.19 0.00	27.71 0.97 0.00	27.06 0.96 0.00	27.90 0.94 0.00	28.27 0.97 0.00	32.08 1.07 0.00	31.41 1.21 0.00	35.49 1.62 0.00	33.88 1.73 0.00	27.95 1.73 0.00	26.72 1.58 0.00	25.61 1.55 0.00	26.57 1.55 0.00	27.11 1.62 0.00	27.84 1.66 0.00	27.99 1.56 0.00	34.93 1.93 0.00	42.46 1.99 0.00	53.50 2.24 0.00	47.60 1.72 0.00	42.03 1.65 0.00	42.15 1.58 0.00	40.27 1.63 0.00	39.97 1.49 0.00
GOWANUS_GT4_5 24134	31.06 1.19 0.00	27.71 0.97 0.00	27.06 0.96 0.00	27.90 0.94 0.00	28.27 0.97 0.00	32.08 1.07 0.00	31.41 1.21 0.00	35.49 1.62 0.00	33.88 1.73 0.00	27.95 1.73 0.00	26.72 1.58 0.00	25.61 1.55 0.00	26.57 1.55 0.00	27.11 1.62 0.00	27.84 1.66 0.00	27.99 1.56 0.00	34.93 1.93 0.00	42.46 1.99 0.00	53.50 2.24 0.00	47.60 1.72 0.00	42.03 1.65 0.00	42.15 1.58 0.00	40.27 1.63 0.00	39.97 1.49 0.00
GOWANUS_GT4_6 24135	31.06 1.19 0.00	27.71 0.97 0.00	27.06 0.96 0.00	27.90 0.94 0.00	28.27 0.97 0.00	32.08 1.07 0.00	31.41 1.21 0.00	35.49 1.62 0.00	33.88 1.73 0.00	27.95 1.73 0.00	26.72 1.58 0.00	25.61 1.55 0.00	26.57 1.55 0.00	27.11 1.62 0.00	27.84 1.66 0.00	27.99 1.56 0.00	34.93 1.93 0.00	42.46 1.99 0.00	53.50 2.24 0.00	47.60 1.72 0.00	42.03 1.65 0.00	42.15 1.58 0.00	40.27 1.63 0.00	39.97 1.49 0.00
GOWANUS_GT4_7 24136	31.06 1.19 0.00	27.71 0.97 0.00	27.06 0.96 0.00	27.90 0.94 0.00	28.27 0.97 0.00	32.08 1.07 0.00	31.41 1.21 0.00	35.49 1.62 0.00	33.88 1.73 0.00	27.95 1.73 0.00	26.72 1.58 0.00	25.61 1.55 0.00	26.57 1.55 0.00	27.11 1.62 0.00	27.84 1.66 0.00	27.99 1.56 0.00	34.93 1.93 0.00	42.46 1.99 0.00	53.50 2.24 0.00	47.60 1.72 0.00	42.03 1.65 0.00	42.15 1.58 0.00	40.27 1.63 0.00	39.97 1.49 0.00
GOWANUS_GT4_8 24137	31.06 1.19 0.00	27.71 0.97 0.00	27.06 0.96 0.00	27.90 0.94 0.00	28.27 0.97 0.00	32.08 1.07 0.00	31.41 1.21 0.00	35.49 1.62 0.00	33.88 1.73 0.00	27.95 1.73 0.00	26.72 1.58 0.00	25.61 1.55 0.00	26.57 1.55 0.00	27.11 1.62 0.00	27.84 1.66 0.00	27.99 1.56 0.00	34.93 1.93 0.00	42.46 1.99 0.00	53.50 2.24 0.00	47.60 1.72 0.00	42.03 1.65 0.00	42.15 1.58 0.00	40.27 1.63 0.00	39.97 1.49 0.00
GREENBSH_115KV_TB3 55895	30.31 0.43 0.00	27.10 0.35 0.00	26.41 0.31 0.00	27.27 0.30 0.00	27.66 0.36 0.00	31.45 0.43 0.00	30.74 0.53 0.00	34.65 0.77 0.00	32.87 0.72 0.00	26.78 0.56 0.00	25.59 0.44 0.00	24.53 0.47 0.00	25.50 0.49 0.00	25.99 0.50 0.00	26.64 0.47 0.00	27.00 0.57 0.00	33.85 0.85 0.00	41.44 0.97 0.00	52.46 1.19 0.00	46.72 0.84 0.00	41.15 0.77 0.00	41.23 0.66 0.00	39.30 0.66 0.00	39.16 0.68 0.00
GREENIDGE_115KV_TB5 80291	29.38 -0.50 0.00	26.30 -0.44 0.00	25.72 -0.38 0.00	26.77 -0.19 0.00	27.16 -0.14 0.00	30.96 -0.05 0.00	30.18 -0.03 0.00	33.91 0.03 0.00	32.08 -0.06 0.00	26.02 -0.20 0.00	24.75 -0.39 0.00	23.63 -0.42 0.00	24.64 -0.38 0.00	25.21 -0.28 0.00	26.04 -0.13 0.00	26.24 -0.19 0.00	32.62 -0.37 0.00	40.19 -0.28 0.00	51.12 -0.14 0.00	46.07 0.19 0.00	40.16 -0.21 0.00	40.36 -0.21 0.00	38.24 -0.40 0.00	38.13 -0.35 0.00
GREENIDGE___3 23582	29.38 -0.50 0.00	26.30 -0.44 0.00	25.72 -0.38 0.00	26.77 -0.19 0.00	27.16 -0.14 0.00	30.96 -0.05 0.00	30.18 -0.03 0.00	33.91 0.03 0.00	32.08 -0.06 0.00	26.02 -0.20 0.00	24.75 -0.39 0.00	23.63 -0.42 0.00	24.64 -0.38 0.00	25.21 -0.28 0.00	26.04 -0.13 0.00	26.24 -0.19 0.00	32.62 -0.37 0.00	40.19 -0.28 0.00	51.12 -0.14 0.00	46.07 0.19 0.00	40.16 -0.21 0.00	40.36 -0.21 0.00	38.24 -0.40 0.00	38.13 -0.35 0.00
GREENIDGE___4 23583	29.37 -0.50 0.00	26.30 -0.45 0.00	25.72 -0.38 0.00	26.77 -0.19 0.00	27.16 -0.14 0.00	30.96 -0.05 0.00	30.18 -0.03 0.00	33.91 0.03 0.00	32.08 -0.06 0.00	26.02 -0.20 0.00	24.75 -0.39 0.00	23.64 -0.42 0.00	24.64 -0.38 0.00	25.21 -0.28 0.00	26.04 -0.13 0.00	26.23 -0.20 0.00	32.63 -0.37 0.00	40.19 -0.28 0.00	51.13 -0.14 0.00	46.07 0.19 0.00	40.16 -0.21 0.00	40.36 -0.21 0.00	38.24 -0.40 0.00	38.13 -0.35 0.00
GREENLWN_69_KV_BK 3 55738	30.79 0.92 0.00	27.51 0.77 0.00	26.82 0.71 0.00	27.58 0.62 0.00	27.98 0.68 0.00	31.85 0.84 0.00	31.09 0.88 0.00	35.28 1.40 0.00	33.46 1.31 0.00	27.58 1.36 0.00	26.46 1.31 0.00	25.30 1.24 0.00	26.27 1.25 0.00	26.76 1.27 0.00	27.48 1.43 0.12	27.27 1.25 0.42	34.40 1.40 0.00	41.76 1.30 0.00	52.36 1.09 0.00	46.67 0.79 0.00	41.20 0.82 0.00	41.45 0.88 0.00	39.98 1.44 0.10	39.57 1.31 0.22
GREENWD_138_KV_38B11_REV_LBMP_J 345004	31.06 1.19 0.00	27.71 0.97 0.00	27.06 0.96 0.00	27.90 0.94 0.00	28.27 0.97 0.00	32.08 1.07 0.00	31.41 1.21 0.00	35.49 1.62 0.00	33.88 1.73 0.00	27.95 1.73 0.00	26.72 1.58 0.00	25.61 1.55 0.00	26.57 1.55 0.00	27.11 1.62 0.00	27.84 1.66 0.00	27.99 1.56 0.00	34.93 1.93 0.00	42.46 1.99 0.00	53.50 2.24 0.00	47.60 1.72 0.00	42.03 1.65 0.00	42.15 1.58 0.00	40.27 1.63 0.00	39.97 1.49 0.00
GRISSOM___SOLAR 323813	31.33 1.46 0.00	28.05 1.30 0.00	27.39 1.29 0.00	28.32 1.37 0.00	28.73 1.43 0.00	32.66 1.65 0.00	31.85 1.64 0.00	35.80 1.92 0.00	33.53 1.38 0.00	26.61 0.39 0.00	25.41 0.26 0.00	24.32 0.26 0.00	25.65 0.63 0.00	25.93 0.44 0.00	26.51 0.34 0.00	26.86 0.43 0.00	34.53 1.53 0.00	42.84 2.37 0.00	54.34 3.08 0.00	48.65 2.77 0.00	42.68 2.31 0.00	42.84 2.27 0.00	40.73 2.09 0.00	40.45 1.98 0.00
GROVEVILLE___HYD 323602	31.04 1.17 0.00	27.69 0.95 0.00	27.01 0.91 0.00	27.87 0.91 0.00	28.24 0.94 0.00	32.10 1.09 0.00	31.41 1.20 0.00	35.53 1.65 0.00	33.83 1.69 0.00	27.75 1.53 0.00	26.51 1.37 0.00	25.37 1.32 0.00	26.37 1.35 0.00	26.90 1.40 0.00	27.61 1.43 0.00	27.87 1.44 0.00	34.91 1.91 0.00	42.66 2.20 0.00	53.97 2.70 0.00	48.03 2.15 0.00	42.23 1.85 0.00	42.35 1.79 0.00	40.37 1.74 0.00	40.11 1.63 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	29.41 -0.47 0.00	26.33 -0.42 0.00	25.69 -0.41 0.00	26.62 -0.34 0.00	26.98 -0.32 0.00	30.70 -0.31 0.00	29.87 -0.34 0.00	33.47 -0.41 0.00	31.73 -0.41 0.00	25.88 -0.35 0.00	24.80 -0.35 0.00	23.71 -0.35 0.00	24.68 -0.34 0.00	25.19 -0.30 0.00	25.91 -0.26 0.00	26.13 -0.30 0.00	32.61 -0.39 0.00	40.08 -0.39 0.00	50.78 -0.48 0.00	45.51 -0.37 0.00	39.94 -0.44 0.00	39.99 -0.59 0.00	37.99 -0.65 0.00	37.83 -0.65 0.00

HAMLTNNY_34_KV_TB 80303	29.38 -0.49 0.00	26.32 -0.42 0.00	25.67 -0.44 0.00	26.63 -0.33 0.00	26.98 -0.32 0.00	30.70 -0.32 0.00	29.86 -0.35 0.00	33.47 -0.41 0.00	31.73 -0.41 0.00	25.88 -0.35 0.00	24.77 -0.37 0.00	23.67 -0.39 0.00	24.67 -0.36 0.00	25.20 -0.29 0.00	25.93 -0.24 0.00	26.11 -0.32 0.00	32.59 -0.41 0.00	40.07 -0.39 0.00	50.76 -0.51 0.00	45.54 -0.34 0.00	39.93 -0.45 0.00	39.95 -0.62 0.00	37.94 -0.70 0.00	37.83 -0.65 0.00
HAMPSHIRE___PAPER_HYD 323593	30.65 0.78 0.00	27.57 0.82 0.00	27.04 0.94 0.00	27.88 0.92 0.00	28.15 0.85 0.00	31.68 0.67 0.00	30.69 0.49 0.00	34.29 0.42 0.00	32.55 0.40 0.00	28.78 0.16 -2.41	25.17 0.03 0.00	23.85 -0.21 0.00	24.60 -0.42 0.00	27.46 -0.42 -2.39	30.91 -0.12 -4.86	31.39 0.07 -4.88	33.33 0.33 0.00	41.15 0.68 0.00	52.60 1.34 0.00	47.29 1.41 0.00	41.93 1.55 0.00	42.29 1.72 0.00	40.14 1.50 0.00	39.92 1.44 0.00
HARDSCRABBLE_WT_PWR 323673	29.50 -0.37 0.00	26.42 -0.32 0.00	25.91 -0.19 0.00	26.92 -0.04 0.00	27.34 0.05 0.00	31.07 0.06 0.00	30.41 0.20 0.00	34.42 0.55 0.00	32.45 0.31 0.00	26.13 -0.09 0.00	24.84 -0.31 0.00	23.79 -0.27 0.00	24.97 -0.05 0.00	25.11 -0.38 0.00	25.65 -0.52 0.00	26.04 -0.39 0.00	33.33 0.33 0.00	40.83 0.36 0.00	51.71 0.45 0.00	46.09 0.20 0.00	40.56 0.18 0.00	40.75 0.18 0.00	38.90 0.26 0.00	38.71 0.23 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	30.84 0.97 0.00	27.51 0.77 0.00	26.82 0.71 0.00	27.69 0.73 0.00	28.03 0.73 0.00	31.84 0.83 0.00	31.13 0.92 0.00	35.26 1.38 0.00	33.60 1.46 0.00	27.58 1.36 0.00	26.34 1.19 0.00	25.19 1.13 0.00	26.16 1.14 0.00	26.71 1.22 0.00	27.44 1.26 0.00	27.67 1.24 0.00	34.64 1.64 0.00	42.37 1.90 0.00	53.62 2.36 0.00	47.73 1.85 0.00	41.95 1.57 0.00	42.10 1.53 0.00	40.14 1.50 0.00	39.88 1.40 0.00
HARSNRAD_115KV_TB1 81005	28.18 -1.69 0.00	25.38 -1.36 0.00	24.85 -1.25 0.00	26.08 -0.88 0.00	26.43 -0.87 0.00	30.11 -0.90 0.00	29.17 -1.03 0.00	32.50 -1.37 0.00	30.86 -1.28 0.00	25.31 -0.91 0.00	24.18 -0.96 0.00	23.27 -0.79 0.00	24.17 -0.85 0.00	24.83 -0.66 0.00	25.76 -0.42 0.00	25.61 -0.81 0.00	31.27 -1.73 0.00	38.33 -2.13 0.00	48.69 -2.57 0.00	44.08 -1.80 0.00	38.08 -2.29 0.00	37.81 -2.76 0.00	36.18 -2.46 0.00	36.35 -2.13 0.00
HARZA MOOSE___RIVER 24016	30.36 0.48 0.00	27.29 0.55 0.00	26.78 0.68 0.00	27.68 0.72 0.00	28.00 0.70 0.00	31.53 0.52 0.00	30.61 0.41 0.00	34.29 0.42 0.00	32.54 0.40 0.00	27.13 0.24 -0.67	25.25 0.10 0.00	23.91 -0.14 0.00	24.75 -0.27 0.00	25.81 -0.34 -0.67	27.45 -0.07 -1.35	27.90 0.11 -1.36	33.44 0.44 0.00	41.17 0.71 0.00	52.65 1.39 0.00	47.18 1.30 0.00	41.78 1.40 0.00	41.95 1.38 0.00	39.84 1.20 0.00	39.63 1.15 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	29.24 -0.63 0.00	26.17 -0.58 0.00	25.54 -0.56 0.00	26.46 -0.50 0.00	26.82 -0.48 0.00	30.50 -0.51 0.00	29.69 -0.51 0.00	33.25 -0.63 0.00	31.52 -0.62 0.00	25.72 -0.50 0.00	24.66 -0.48 0.00	23.61 -0.45 0.00	24.55 -0.47 0.00	25.06 -0.43 0.00	25.77 -0.40 0.00	26.00 -0.43 0.00	32.38 -0.61 0.00	39.79 -0.67 0.00	50.46 -0.81 0.00	45.21 -0.68 0.00	39.66 -0.71 0.00	39.71 -0.86 0.00	37.76 -0.87 0.00	37.60 -0.88 0.00
HELLGATE_13_KV_LD 55870	30.91 1.04 0.00	27.59 0.85 0.00	26.92 0.81 0.00	27.74 0.78 0.00	28.11 0.81 0.00	31.89 0.88 0.00	31.22 1.01 0.00	35.28 1.40 0.00	33.66 1.51 0.00	27.79 1.57 0.00	26.58 1.44 0.00	25.48 1.42 0.00	26.44 1.42 0.00	26.97 1.48 0.00	27.70 1.53 0.00	27.86 1.43 0.00	34.76 1.76 0.00	42.28 1.81 0.00	53.26 2.00 0.00	47.40 1.52 0.00	41.81 1.43 0.00	41.96 1.39 0.00	40.06 1.43 0.00	39.77 1.29 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	30.91 1.04 0.00	27.59 0.85 0.00	26.92 0.81 0.00	27.74 0.78 0.00	28.11 0.81 0.00	31.89 0.88 0.00	31.22 1.01 0.00	35.28 1.40 0.00	33.66 1.51 0.00	27.79 1.57 0.00	26.58 1.44 0.00	25.48 1.42 0.00	26.44 1.42 0.00	26.97 1.48 0.00	27.70 1.53 0.00	27.86 1.43 0.00	34.76 1.76 0.00	42.28 1.81 0.00	53.26 2.00 0.00	47.40 1.52 0.00	41.81 1.43 0.00	41.96 1.39 0.00	40.06 1.43 0.00	39.77 1.29 0.00
HEMPSTEAD____ 23647	30.84 0.97 0.00	27.52 0.78 0.00	26.83 0.73 0.00	27.62 0.66 0.00	28.01 0.71 0.00	31.86 0.84 0.00	31.16 0.95 0.00	35.32 1.45 0.00	33.55 1.40 0.00	27.64 1.42 0.00	26.48 1.33 0.00	25.33 1.27 0.00	26.31 1.29 0.00	26.81 1.32 0.00	28.09 1.46 -0.45	29.31 1.39 -1.50	34.64 1.64 0.00	42.14 1.67 0.00	53.07 1.81 0.00	47.27 1.39 0.00	41.66 1.29 0.00	41.87 1.29 0.00	40.65 1.64 -0.37	40.62 1.46 -0.69
HEWLETT_69_KV_BK3 55828	31.03 1.16 0.00	27.69 0.95 0.00	26.98 0.88 0.00	27.79 0.83 0.00	28.17 0.87 0.00	32.05 1.03 0.00	31.34 1.13 0.00	35.50 1.63 0.00	33.73 1.59 0.00	27.83 1.61 0.00	26.71 1.54 -0.02	25.53 1.47 0.00	26.51 1.50 0.00	27.03 1.54 -0.01	29.98 1.71 -2.10	35.06 1.64 -7.00	34.93 1.91 -0.03	42.48 2.01 0.00	53.50 2.24 0.00	47.66 1.77 0.00	42.00 1.63 0.00	42.24 1.66 -0.01	42.41 2.02 -1.76	44.08 1.77 -3.84
HICKLING___1 23621	29.16 -0.71 0.00	26.08 -0.67 0.00	25.52 -0.58 0.00	26.60 -0.36 0.00	26.97 -0.33 0.00	30.74 -0.27 0.00	29.95 -0.25 0.00	33.71 -0.17 0.00	31.88 -0.26 0.00	26.02 -0.20 0.00	24.79 -0.35 0.00	23.69 -0.37 0.00	24.64 -0.39 0.00	25.20 -0.29 0.00	26.04 -0.13 0.00	26.15 -0.28 0.00	32.57 -0.43 0.00	40.09 -0.37 0.00	51.02 -0.25 0.00	45.86 -0.02 0.00	39.89 -0.48 0.00	40.05 -0.52 0.00	38.07 -0.57 0.00	38.07 -0.41 0.00
HICKLING___2 23622	29.16 -0.71 0.00	26.08 -0.67 0.00	25.52 -0.58 0.00	26.60 -0.36 0.00	26.97 -0.33 0.00	30.74 -0.27 0.00	29.95 -0.25 0.00	33.71 -0.17 0.00	31.88 -0.26 0.00	26.02 -0.20 0.00	24.79 -0.35 0.00	23.69 -0.37 0.00	24.64 -0.39 0.00	25.20 -0.29 0.00	26.04 -0.13 0.00	26.15 -0.28 0.00	32.57 -0.43 0.00	40.09 -0.37 0.00	51.02 -0.25 0.00	45.86 -0.02 0.00	39.89 -0.48 0.00	40.05 -0.52 0.00	38.07 -0.57 0.00	38.07 -0.41 0.00
HIGH FALLS___HY 23754	31.00 1.13 0.00	27.63 0.89 0.00	26.94 0.84 0.00	27.82 0.86 0.00	28.17 0.87 0.00	32.02 1.01 0.00	31.32 1.12 0.00	35.43 1.55 0.00	33.79 1.64 0.00	27.76 1.54 0.00	26.50 1.35 0.00	25.28 1.22 0.00	26.24 1.22 0.00	26.75 1.26 0.00	27.45 1.28 0.00	27.66 1.23 0.00	34.65 1.65 0.00	42.49 2.03 0.00	53.83 2.56 0.00	48.00 2.12 0.00	42.18 1.80 0.00	42.34 1.77 0.00	40.34 1.70 0.00	40.02 1.54 0.00
HIGH_RIVER___SOLAR 323847	30.88 1.00 0.00	27.64 0.90 0.00	26.97 0.87 0.00	27.87 0.91 0.00	28.26 0.97 0.00	32.12 1.11 0.00	31.34 1.14 0.00	35.26 1.39 0.00	33.25 1.10 0.00	26.68 0.46 0.00	25.38 0.24 0.00	24.27 0.21 0.00	25.43 0.41 0.00	25.80 0.31 0.00	26.44 0.27 0.00	26.94 0.51 0.00	34.11 1.11 0.00	42.17 1.70 0.00	53.46 2.20 0.00	47.76 1.88 0.00	41.96 1.59 0.00	42.10 1.53 0.00	40.08 1.44 0.00	39.88 1.40 0.00

HILLBURN___GT 23639	30.73 0.86 0.00	27.40 0.66 0.00	26.72 0.62 0.00	27.59 0.63 0.00	27.92 0.62 0.00	31.71 0.70 0.00	30.99 0.79 0.00	35.00 1.13 0.00	33.37 1.23 0.00	27.45 1.23 0.00	26.23 1.09 0.00	25.08 1.03 0.00	26.04 1.02 0.00	26.60 1.11 0.00	27.34 1.16 0.00	27.53 1.10 0.00	34.40 1.40 0.00	41.99 1.53 0.00	53.12 1.85 0.00	47.26 1.38 0.00	41.55 1.18 0.00	41.72 1.15 0.00	39.81 1.17 0.00	39.57 1.09 0.00
HILLSIDE_115KV_TB1 80332	28.92 -0.95 0.00	25.83 -0.92 0.00	25.27 -0.83 0.00	26.31 -0.65 0.00	26.66 -0.64 0.00	30.38 -0.63 0.00	29.60 -0.61 0.00	33.34 -0.54 0.00	31.57 -0.58 0.00	25.83 -0.39 0.00	24.60 -0.55 0.00	23.51 -0.55 0.00	24.44 -0.58 0.00	24.98 -0.51 0.00	25.79 -0.38 0.00	25.91 -0.52 0.00	32.33 -0.67 0.00	39.70 -0.77 0.00	50.48 -0.78 0.00	45.42 -0.46 0.00	39.64 -0.73 0.00	39.97 -0.60 0.00	37.94 -0.70 0.00	37.80 -0.68 0.00
HISHELDN_WT_PWR 323625	28.43 -1.44 0.00	25.58 -1.16 0.00	25.07 -1.03 0.00	26.27 -0.69 0.00	26.65 -0.65 0.00	30.40 -0.62 0.00	29.50 -0.71 0.00	33.00 -0.88 0.00	31.24 -0.91 0.00	25.52 -0.70 0.00	24.41 -0.73 0.00	23.41 -0.65 0.00	24.33 -0.68 0.00	24.99 -0.50 0.00	25.84 -0.33 0.00	25.75 -0.67 0.00	31.59 -1.40 0.00	38.88 -1.58 0.00	49.53 -1.74 0.00	44.72 -1.17 0.00	38.69 -1.68 0.00	38.56 -2.01 0.00	36.82 -1.82 0.00	36.97 -1.51 0.00
HOLTSVILLE_IC_1 23690	30.93 1.06 0.00	27.64 0.90 0.00	26.94 0.84 0.00	27.67 0.71 0.00	28.08 0.79 0.00	32.00 0.99 0.00	31.27 1.06 0.00	35.53 1.65 0.00	33.71 1.57 0.00	27.79 1.57 0.00	26.60 1.46 0.00	25.45 1.39 0.00	26.40 1.38 0.00	26.87 1.39 0.00	27.57 1.54 0.14	27.33 1.38 0.48	34.63 1.63 0.00	42.19 1.73 0.00	53.01 1.74 0.00	47.35 1.47 0.00	41.79 1.41 0.00	41.99 1.42 0.00	40.41 1.89 0.12	39.96 1.73 0.25
HOLTSVILLE_IC_10 23699	31.04 1.17 0.00	27.73 0.99 0.00	27.03 0.92 0.00	27.76 0.80 0.00	28.17 0.87 0.00	32.10 1.09 0.00	31.38 1.18 0.00	35.65 1.77 0.00	33.84 1.69 0.00	27.88 1.66 0.00	26.68 1.54 0.00	25.52 1.46 0.00	26.47 1.45 0.00	26.95 1.46 0.00	27.67 1.63 0.13	27.46 1.48 0.44	34.77 1.77 0.00	42.40 1.94 0.00	53.28 2.01 0.00	47.61 1.72 0.00	42.00 1.62 0.00	42.19 1.62 0.00	40.60 2.07 0.11	40.13 1.89 0.23
HOLTSVILLE_IC_2 23691	30.93 1.06 0.00	27.64 0.90 0.00	26.94 0.84 0.00	27.67 0.71 0.00	28.08 0.79 0.00	32.00 0.99 0.00	31.27 1.06 0.00	35.53 1.65 0.00	33.71 1.57 0.00	27.79 1.57 0.00	26.60 1.46 0.00	25.45 1.39 0.00	26.40 1.38 0.00	26.87 1.39 0.00	27.57 1.54 0.14	27.33 1.38 0.48	34.63 1.63 0.00	42.19 1.73 0.00	53.01 1.74 0.00	47.35 1.47 0.00	41.79 1.41 0.00	41.99 1.42 0.00	40.41 1.89 0.12	39.96 1.73 0.25
HOLTSVILLE_IC_3 23692	30.93 1.06 0.00	27.64 0.90 0.00	26.94 0.84 0.00	27.67 0.71 0.00	28.08 0.79 0.00	32.00 0.99 0.00	31.27 1.06 0.00	35.53 1.65 0.00	33.71 1.57 0.00	27.79 1.57 0.00	26.60 1.46 0.00	25.45 1.39 0.00	26.40 1.38 0.00	26.87 1.39 0.00	27.57 1.54 0.14	27.33 1.38 0.48	34.63 1.63 0.00	42.19 1.73 0.00	53.01 1.74 0.00	47.35 1.47 0.00	41.79 1.41 0.00	41.99 1.42 0.00	40.41 1.89 0.12	39.96 1.73 0.25
HOLTSVILLE_IC_4 23693	30.93 1.06 0.00	27.64 0.90 0.00	26.94 0.84 0.00	27.67 0.71 0.00	28.08 0.79 0.00	32.00 0.99 0.00	31.27 1.06 0.00	35.53 1.65 0.00	33.71 1.57 0.00	27.79 1.57 0.00	26.60 1.46 0.00	25.45 1.39 0.00	26.40 1.38 0.00	26.87 1.39 0.00	27.57 1.54 0.14	27.33 1.38 0.48	34.63 1.63 0.00	42.19 1.73 0.00	53.01 1.74 0.00	47.35 1.47 0.00	41.79 1.41 0.00	41.99 1.42 0.00	40.41 1.89 0.12	39.96 1.73 0.25
HOLTSVILLE_IC_5 23694	30.93 1.06 0.00	27.64 0.90 0.00	26.94 0.84 0.00	27.67 0.71 0.00	28.08 0.79 0.00	32.00 0.99 0.00	31.27 1.06 0.00	35.53 1.65 0.00	33.71 1.57 0.00	27.79 1.57 0.00	26.60 1.46 0.00	25.45 1.39 0.00	26.40 1.38 0.00	26.87 1.39 0.00	27.57 1.54 0.14	27.33 1.38 0.48	34.63 1.63 0.00	42.19 1.73 0.00	53.01 1.74 0.00	47.35 1.47 0.00	41.79 1.41 0.00	41.99 1.42 0.00	40.41 1.89 0.12	39.96 1.73 0.25
HOLTSVILLE_IC_6 23695	31.04 1.17 0.00	27.73 0.99 0.00	27.03 0.92 0.00	27.76 0.80 0.00	28.17 0.87 0.00	32.10 1.09 0.00	31.38 1.18 0.00	35.65 1.77 0.00	33.84 1.69 0.00	27.88 1.66 0.00	26.68 1.54 0.00	25.52 1.46 0.00	26.47 1.45 0.00	26.95 1.46 0.00	27.67 1.63 0.13	27.46 1.48 0.44	34.77 1.77 0.00	42.40 1.94 0.00	53.28 2.01 0.00	47.61 1.72 0.00	42.00 1.62 0.00	42.19 1.62 0.00	40.60 2.07 0.11	40.13 1.89 0.23
HOLTSVILLE_IC_7 23696	31.04 1.17 0.00	27.73 0.99 0.00	27.03 0.92 0.00	27.76 0.80 0.00	28.17 0.87 0.00	32.10 1.09 0.00	31.38 1.18 0.00	35.65 1.77 0.00	33.84 1.69 0.00	27.88 1.66 0.00	26.68 1.54 0.00	25.52 1.46 0.00	26.47 1.45 0.00	26.95 1.46 0.00	27.67 1.63 0.13	27.46 1.48 0.44	34.77 1.77 0.00	42.40 1.94 0.00	53.28 2.01 0.00	47.61 1.72 0.00	42.00 1.62 0.00	42.19 1.62 0.00	40.60 2.07 0.11	40.13 1.89 0.23
HOLTSVILLE_IC_8 23697	31.04 1.17 0.00	27.73 0.99 0.00	27.03 0.92 0.00	27.76 0.80 0.00	28.17 0.87 0.00	32.10 1.09 0.00	31.38 1.18 0.00	35.65 1.77 0.00	33.84 1.69 0.00	27.88 1.66 0.00	26.68 1.54 0.00	25.52 1.46 0.00	26.47 1.45 0.00	26.95 1.46 0.00	27.67 1.63 0.13	27.46 1.48 0.44	34.77 1.77 0.00	42.40 1.94 0.00	53.28 2.01 0.00	47.61 1.72 0.00	42.00 1.62 0.00	42.19 1.62 0.00	40.60 2.07 0.11	40.13 1.89 0.23
HOLTSVILLE_IC_9 23698	31.04 1.17 0.00	27.73 0.99 0.00	27.03 0.92 0.00	27.76 0.80 0.00	28.17 0.87 0.00	32.10 1.09 0.00	31.38 1.18 0.00	35.65 1.77 0.00	33.84 1.69 0.00	27.88 1.66 0.00	26.68 1.54 0.00	25.52 1.46 0.00	26.47 1.45 0.00	26.95 1.46 0.00	27.67 1.63 0.13	27.46 1.48 0.44	34.77 1.77 0.00	42.40 1.94 0.00	53.28 2.01 0.00	47.61 1.72 0.00	42.00 1.62 0.00	42.19 1.62 0.00	40.60 2.07 0.11	40.13 1.89 0.23
HOMER_HL_115KV_TB2 355744	28.96 -0.92 0.00	25.91 -0.84 0.00	25.38 -0.73 0.00	26.58 -0.38 0.00	26.93 -0.37 0.00	30.74 -0.27 0.00	29.83 -0.38 0.00	33.59 -0.28 0.00	31.94 -0.21 0.00	26.25 0.03 0.00	24.97 -0.17 0.00	23.88 -0.18 0.00	24.72 -0.31 0.00	25.37 -0.12 0.00	26.31 0.13 0.00	26.22 -0.21 0.00	32.42 -0.58 0.00	39.77 -0.69 0.00	50.74 -0.53 0.00	45.80 -0.08 0.00	39.74 -0.63 0.00	39.91 -0.66 0.00	38.08 -0.56 0.00	38.03 -0.45 0.00
HOWARD_WT_PWR 323690	28.87 -1.01 0.00	25.95 -0.80 0.00	25.44 -0.67 0.00	26.61 -0.35 0.00	27.03 -0.27 0.00	30.88 -0.13 0.00	30.04 -0.17 0.00	33.72 -0.15 0.00	31.82 -0.32 0.00	25.82 -0.40 0.00	24.74 -0.41 0.00	23.61 -0.45 0.00	24.57 -0.45 0.00	25.23 -0.25 0.00	26.10 -0.07 0.00	26.14 -0.29 0.00	32.38 -0.62 0.00	39.92 -0.55 0.00	50.97 -0.30 0.00	45.79 -0.09 0.00	39.81 -0.57 0.00	39.78 -0.79 0.00	37.86 -0.78 0.00	37.94 -0.53 0.00

HQ_GEN_CEDARS 23644	30.72 0.84 0.00	27.57 0.82 0.00	26.93 0.83 0.00	27.70 0.75 0.00	27.96 0.66 0.00	31.69 0.68 0.00	30.76 0.55 0.00	34.36 0.49 0.00	32.60 0.45 0.00	27.63 0.24 -1.18	25.40 0.26 0.00	24.27 0.22 0.00	25.13 0.11 0.00	26.78 0.13 -1.17	28.77 0.22 -2.37	29.09 0.27 -2.39	33.31 0.31 0.00	40.94 0.48 0.00	52.02 0.76 0.00	46.77 0.88 0.00	41.28 0.90 0.00	41.80 1.23 0.00	39.77 1.13 0.00	39.61 1.13 0.00
HQ_GEN_CEDARS_PROXY 323590	30.72 0.84 0.00	27.57 0.82 0.00	26.93 0.83 0.00	27.70 0.75 0.00	27.96 0.66 0.00	31.69 0.68 0.00	30.76 0.55 0.00	34.36 0.49 0.00	32.60 0.45 0.00	27.63 0.24 -1.18	25.40 0.26 0.00	24.27 0.22 0.00	25.13 0.11 0.00	26.78 0.13 -1.17	28.77 0.22 -2.37	29.09 0.27 -2.39	33.31 0.31 0.00	40.94 0.48 0.00	52.02 0.76 0.00	46.77 0.88 0.00	41.28 0.90 0.00	41.80 1.23 0.00	39.77 1.13 0.00	38.45 1.13 1.17
HQ_GEN_IMPORT 323601	30.21 0.34 0.00	27.09 0.35 0.00	26.44 0.34 0.00	27.25 0.29 0.00	27.55 0.25 0.00	31.26 0.25 0.00	30.39 0.18 0.00	34.00 0.12 0.00	32.26 0.11 0.00	26.21 0.05 0.05	25.21 0.07 0.00	24.11 0.05 0.00	25.03 0.01 0.00	25.50 0.01 0.00	26.20 0.03 0.00	26.47 0.04 0.00	33.03 0.03 0.00	40.54 0.07 0.00	49.43 0.16 2.01	46.35 0.26 -0.20	40.68 0.30 0.00	40.94 0.49 0.12	39.09 0.45 0.00	38.94 0.46 0.00
HQ_GEN_WHEEL 23651	30.21 0.34 0.00	27.09 0.35 0.00	26.44 0.34 0.00	27.25 0.29 0.00	27.55 0.25 0.00	31.26 0.25 0.00	30.39 0.18 0.00	34.00 0.12 0.00	32.26 0.11 0.00	26.21 0.05 0.05	25.21 0.07 0.00	24.11 0.05 0.00	25.03 0.01 0.00	25.50 0.01 0.00	26.20 0.03 0.00	26.47 0.04 0.00	33.03 0.03 0.00	40.54 0.07 0.00	49.43 0.16 2.01	46.35 0.26 -0.20	40.68 0.30 0.00	40.94 0.49 0.12	39.09 0.45 0.00	38.94 0.46 0.00
HUDSON AVE_GT_3 23810	30.92 1.04 0.00	27.58 0.84 0.00	26.90 0.80 0.00	27.73 0.77 0.00	28.09 0.79 0.00	31.90 0.89 0.00	31.22 1.02 0.00	35.29 1.41 0.00	33.66 1.52 0.00	27.76 1.54 0.00	26.56 1.41 0.00	25.47 1.41 0.00	26.44 1.43 0.00	26.97 1.48 0.00	27.69 1.52 0.00	27.88 1.46 0.00	34.80 1.80 0.00	42.34 1.87 0.00	53.39 2.12 0.00	47.49 1.61 0.00	41.82 1.45 0.00	42.01 1.44 0.00	40.12 1.48 0.00	39.82 1.34 0.00
HUDSON AVE_GT_4 23540	30.92 1.04 0.00	27.58 0.84 0.00	26.90 0.80 0.00	27.73 0.77 0.00	28.09 0.79 0.00	31.90 0.89 0.00	31.22 1.02 0.00	35.29 1.41 0.00	33.66 1.52 0.00	27.76 1.54 0.00	26.56 1.41 0.00	25.47 1.41 0.00	26.44 1.43 0.00	26.97 1.48 0.00	27.69 1.52 0.00	27.88 1.46 0.00	34.80 1.80 0.00	42.34 1.87 0.00	53.39 2.12 0.00	47.49 1.61 0.00	41.82 1.45 0.00	42.01 1.44 0.00	40.12 1.48 0.00	39.82 1.34 0.00
HUDSON AVE_GT_5 23657	30.92 1.04 0.00	27.58 0.84 0.00	26.90 0.80 0.00	27.73 0.77 0.00	28.09 0.79 0.00	31.90 0.89 0.00	31.22 1.02 0.00	35.29 1.41 0.00	33.66 1.52 0.00	27.76 1.54 0.00	26.56 1.41 0.00	25.47 1.41 0.00	26.44 1.43 0.00	26.97 1.48 0.00	27.69 1.52 0.00	27.88 1.46 0.00	34.80 1.80 0.00	42.34 1.87 0.00	53.39 2.12 0.00	47.49 1.61 0.00	41.82 1.45 0.00	42.01 1.44 0.00	40.12 1.48 0.00	39.82 1.34 0.00
HUDSON_AVE_10 24168	30.78 0.91 0.00	27.47 0.73 0.00	26.80 0.70 0.00	27.62 0.66 0.00	27.96 0.66 0.00	31.75 0.75 0.00	31.08 0.88 0.00	35.12 1.25 0.00	33.52 1.37 0.00	27.65 1.43 0.00	26.45 1.31 0.00	25.37 1.31 0.00	26.34 1.32 0.00	26.87 1.38 0.00	27.58 1.41 0.00	27.77 1.35 0.00	34.65 1.65 0.00	42.15 1.69 0.00	53.15 1.88 0.00	47.27 1.39 0.00	41.66 1.28 0.00	41.83 1.26 0.00	39.97 1.33 0.00	39.67 1.19 0.00
HUDSON___115KV_TB 4 355613	30.94 1.07 0.00	27.66 0.92 0.00	26.97 0.87 0.00	27.84 0.88 0.00	28.25 0.95 0.00	32.15 1.14 0.00	31.45 1.24 0.00	35.49 1.61 0.00	33.63 1.48 0.00	27.16 0.94 0.00	25.80 0.66 0.00	24.69 0.63 0.00	25.68 0.66 0.00	26.15 0.66 0.00	26.82 0.65 0.00	27.26 0.83 0.00	34.36 1.37 0.00	42.45 1.99 0.00	53.94 2.67 0.00	48.04 2.15 0.00	42.23 1.85 0.00	42.23 1.66 0.00	40.20 1.56 0.00	40.01 1.53 0.00
HUNTER MOUNT___DRP 323613	31.14 1.27 0.00	27.84 1.10 0.00	27.14 1.04 0.00	28.03 1.07 0.00	28.46 1.16 0.00	32.39 1.38 0.00	31.70 1.49 0.00	35.77 1.89 0.00	33.86 1.72 0.00	27.27 1.05 0.00	25.87 0.73 0.00	24.74 0.68 0.00	25.73 0.71 0.00	26.20 0.71 0.00	26.88 0.70 0.00	27.37 0.94 0.00	34.57 1.58 0.00	42.83 2.37 0.00	54.47 3.20 0.00	48.50 2.62 0.00	42.60 2.23 0.00	42.57 2.00 0.00	40.49 1.85 0.00	40.30 1.82 0.00
HUNTINGTON_RES_REC 323705	30.86 0.99 0.00	27.59 0.84 0.00	26.88 0.78 0.00	27.61 0.65 0.00	28.02 0.72 0.00	31.92 0.91 0.00	31.17 0.96 0.00	35.40 1.52 0.00	33.58 1.44 0.00	27.67 1.45 0.00	26.51 1.37 0.00	25.35 1.29 0.00	26.30 1.28 0.00	26.78 1.29 0.00	27.49 1.46 0.14	27.27 1.30 0.46	34.52 1.52 0.00	41.99 1.53 0.00	52.68 1.42 0.00	47.03 1.15 0.00	41.50 1.13 0.00	41.73 1.16 0.00	40.21 1.68 0.12	39.76 1.52 0.24
HUNTLEY___63 23557	28.39 -1.48 0.00	25.60 -1.14 0.00	25.07 -1.03 0.00	26.30 -0.66 0.00	26.67 -0.63 0.00	30.38 -0.63 0.00	29.44 -0.77 0.00	32.78 -1.09 0.00	31.13 -1.01 0.00	25.54 -0.68 0.00	24.41 -0.73 0.00	23.49 -0.57 0.00	24.39 -0.63 0.00	25.06 -0.43 0.00	25.98 -0.19 0.00	25.85 -0.58 0.00	31.57 -1.42 0.00	38.67 -1.79 0.00	49.13 -2.14 0.00	44.48 -1.41 0.00	38.45 -1.93 0.00	38.18 -2.39 0.00	36.52 -2.12 0.00	36.69 -1.79 0.00
HUNTLEY___64 23558	28.39 -1.48 0.00	25.60 -1.14 0.00	25.07 -1.03 0.00	26.30 -0.66 0.00	26.67 -0.63 0.00	30.38 -0.63 0.00	29.44 -0.77 0.00	32.78 -1.09 0.00	31.13 -1.01 0.00	25.54 -0.68 0.00	24.41 -0.73 0.00	23.49 -0.57 0.00	24.39 -0.63 0.00	25.06 -0.43 0.00	25.98 -0.19 0.00	25.85 -0.58 0.00	31.57 -1.42 0.00	38.67 -1.79 0.00	49.13 -2.14 0.00	44.48 -1.41 0.00	38.45 -1.93 0.00	38.18 -2.39 0.00	36.52 -2.12 0.00	36.69 -1.79 0.00
HUNTLEY___65 23559	28.39 -1.48 0.00	25.60 -1.14 0.00	25.07 -1.03 0.00	26.30 -0.66 0.00	26.67 -0.63 0.00	30.38 -0.63 0.00	29.44 -0.77 0.00	32.78 -1.09 0.00	31.13 -1.01 0.00	25.54 -0.68 0.00	24.41 -0.73 0.00	23.49 -0.57 0.00	24.39 -0.63 0.00	25.06 -0.43 0.00	25.98 -0.19 0.00	25.85 -0.58 0.00	31.57 -1.42 0.00	38.67 -1.79 0.00	49.13 -2.14 0.00	44.48 -1.41 0.00	38.45 -1.93 0.00	38.18 -2.39 0.00	36.52 -2.12 0.00	36.69 -1.79 0.00
HUNTLEY___66 23560	28.39 -1.48 0.00	25.60 -1.14 0.00	25.07 -1.03 0.00	26.30 -0.66 0.00	26.67 -0.63 0.00	30.38 -0.63 0.00	29.44 -0.77 0.00	32.78 -1.09 0.00	31.13 -1.01 0.00	25.54 -0.68 0.00	24.41 -0.73 0.00	23.49 -0.57 0.00	24.39 -0.63 0.00	25.06 -0.43 0.00	25.98 -0.19 0.00	25.85 -0.58 0.00	31.57 -1.42 0.00	38.67 -1.79 0.00	49.13 -2.14 0.00	44.48 -1.41 0.00	38.45 -1.93 0.00	38.18 -2.39 0.00	36.52 -2.12 0.00	36.69 -1.79 0.00



HUNTLEY___67 23561	28.21 -1.67 0.00	25.40 -1.34 0.00	24.87 -1.23 0.00	26.09 -0.87 0.00	26.45 -0.85 0.00	30.14 -0.88 0.00	29.20 -1.00 0.00	32.61 -1.27 0.00	30.97 -1.18 0.00	25.40 -0.82 0.00	24.29 -0.85 0.00	23.37 -0.69 0.00	24.24 -0.78 0.00	24.89 -0.60 0.00	25.81 -0.36 0.00	25.69 -0.73 0.00	31.42 -1.58 0.00	38.49 -1.98 0.00	48.90 -2.37 0.00	44.26 -1.62 0.00	38.25 -2.12 0.00	38.02 -2.55 0.00	36.35 -2.29 0.00	36.50 -1.98 0.00
HUNTLEY___68 23562	28.21 -1.67 0.00	25.40 -1.34 0.00	24.87 -1.23 0.00	26.09 -0.87 0.00	26.45 -0.85 0.00	30.14 -0.88 0.00	29.20 -1.00 0.00	32.61 -1.27 0.00	30.97 -1.18 0.00	25.40 -0.82 0.00	24.29 -0.85 0.00	23.37 -0.69 0.00	24.24 -0.78 0.00	24.89 -0.60 0.00	25.81 -0.36 0.00	25.69 -0.73 0.00	31.42 -1.58 0.00	38.49 -1.98 0.00	48.90 -2.37 0.00	44.26 -1.62 0.00	38.25 -2.12 0.00	38.02 -2.55 0.00	36.35 -2.29 0.00	36.50 -1.98 0.00
HYLAND___LFGE 323620	29.95 0.08 0.00	26.85 0.10 0.00	26.27 0.17 0.00	27.46 0.50 0.00	27.86 0.56 0.00	31.81 0.79 0.00	30.96 0.76 0.00	34.83 0.95 0.00	32.96 0.81 0.00	26.14 -0.08 0.00	24.90 -0.25 0.00	23.73 -0.33 0.00	24.71 -0.31 0.00	25.44 -0.05 0.00	26.36 0.19 0.00	26.63 0.20 0.00	32.73 -0.26 0.00	40.59 0.13 0.00	52.72 1.45 0.00	47.63 1.74 0.00	41.35 0.97 0.00	41.07 0.50 0.00	39.02 0.38 0.00	38.94 0.47 0.00
INDECK___CORINTH 23802	31.53 1.66 0.00	28.24 1.50 0.00	27.50 1.40 0.00	28.30 1.34 0.00	28.84 1.54 0.00	32.81 1.80 0.00	32.10 1.90 0.00	36.32 2.44 0.00	34.39 2.25 0.00	27.77 1.55 0.00	26.47 1.33 0.00	25.34 1.28 0.00	26.46 1.43 0.00	26.88 1.39 0.00	27.66 1.48 0.00	28.08 1.65 0.00	35.42 2.42 0.00	43.35 2.88 0.00	54.95 3.68 0.00	48.79 2.91 0.00	42.75 2.37 0.00	42.72 2.15 0.00	40.96 2.32 0.00	40.79 2.31 0.00
INDECK___ILION 23567	29.81 -0.06 0.00	26.67 -0.07 0.00	26.05 -0.05 0.00	26.95 -0.01 0.00	27.33 0.03 0.00	31.07 0.05 0.00	30.36 0.15 0.00	34.22 0.35 0.00	32.37 0.23 0.00	26.23 0.01 0.00	25.03 -0.11 0.00	23.98 -0.08 0.00	25.07 0.05 0.00	25.41 -0.07 0.00	26.02 -0.15 0.00	26.36 -0.07 0.00	33.31 0.32 0.00	40.83 0.36 0.00	51.72 0.45 0.00	46.14 0.26 0.00	40.61 0.23 0.00	40.75 0.18 0.00	38.83 0.19 0.00	38.65 0.17 0.00
INDECK___OLEAN 23982	28.96 -0.91 0.00	25.91 -0.84 0.00	25.37 -0.73 0.00	26.59 -0.37 0.00	26.93 -0.37 0.00	30.75 -0.27 0.00	29.83 -0.38 0.00	33.59 -0.28 0.00	31.94 -0.21 0.00	26.25 0.03 0.00	24.96 -0.18 0.00	23.88 -0.18 0.00	24.71 -0.31 0.00	25.38 -0.11 0.00	26.31 0.13 0.00	26.22 -0.22 0.00	32.41 -0.59 0.00	39.77 -0.70 0.00	50.74 -0.53 0.00	45.80 -0.08 0.00	39.75 -0.63 0.00	39.91 -0.66 0.00	38.08 -0.55 0.00	38.03 -0.45 0.00
INDECK___OSWEGO 23783	28.96 -0.91 0.00	25.94 -0.81 0.00	25.33 -0.77 0.00	26.22 -0.74 0.00	26.56 -0.74 0.00	30.17 -0.84 0.00	29.35 -0.85 0.00	32.82 -1.06 0.00	31.13 -1.02 0.00	25.41 -0.82 0.00	24.36 -0.79 0.00	23.30 -0.76 0.00	24.22 -0.80 0.00	24.70 -0.79 0.00	25.43 -0.74 0.00	25.66 -0.77 0.00	31.97 -1.02 0.00	39.32 -1.15 0.00	49.84 -1.43 0.00	44.67 -1.22 0.00	39.26 -1.11 0.00	39.31 -1.26 0.00	37.40 -1.24 0.00	37.22 -1.26 0.00
INDECK___YERKES 23781	28.42 -1.46 0.00	25.62 -1.13 0.00	25.09 -1.01 0.00	26.32 -0.64 0.00	26.69 -0.61 0.00	30.42 -0.60 0.00	29.46 -0.74 0.00	32.80 -1.07 0.00	31.16 -0.98 0.00	25.56 -0.66 0.00	24.42 -0.72 0.00	23.52 -0.54 0.00	24.41 -0.61 0.00	25.09 -0.40 0.00	26.00 -0.17 0.00	25.86 -0.57 0.00	31.60 -1.40 0.00	38.70 -1.77 0.00	49.18 -2.09 0.00	44.50 -1.39 0.00	38.50 -1.88 0.00	38.21 -2.36 0.00	36.55 -2.09 0.00	36.73 -1.76 0.00
INDIAN POINT_GT_1 24139	30.73 0.86 0.00	27.41 0.67 0.00	26.73 0.63 0.00	27.58 0.62 0.00	27.94 0.64 0.00	31.76 0.75 0.00	31.06 0.85 0.00	35.09 1.22 0.00	33.44 1.30 0.00	27.50 1.28 0.00	26.30 1.15 0.00	25.18 1.12 0.00	26.16 1.14 0.00	26.69 1.20 0.00	27.40 1.23 0.00	27.60 1.17 0.00	34.50 1.50 0.00	42.07 1.61 0.00	53.15 1.89 0.00	47.30 1.42 0.00	41.61 1.24 0.00	41.78 1.21 0.00	39.88 1.24 0.00	39.63 1.15 0.00
INDIAN POINT_GT_2 23659	30.73 0.86 0.00	27.41 0.67 0.00	26.73 0.63 0.00	27.58 0.62 0.00	27.94 0.64 0.00	31.76 0.75 0.00	31.06 0.85 0.00	35.09 1.22 0.00	33.44 1.30 0.00	27.50 1.28 0.00	26.30 1.15 0.00	25.18 1.12 0.00	26.16 1.14 0.00	26.69 1.20 0.00	27.40 1.23 0.00	27.60 1.17 0.00	34.50 1.50 0.00	42.07 1.61 0.00	53.15 1.89 0.00	47.30 1.42 0.00	41.61 1.24 0.00	41.78 1.21 0.00	39.88 1.24 0.00	39.63 1.15 0.00
INDIAN POINT_GT_3 24019	30.73 0.86 0.00	27.41 0.67 0.00	26.73 0.63 0.00	27.58 0.62 0.00	27.94 0.64 0.00	31.76 0.75 0.00	31.06 0.85 0.00	35.09 1.22 0.00	33.44 1.30 0.00	27.50 1.28 0.00	26.30 1.15 0.00	25.18 1.12 0.00	26.16 1.14 0.00	26.69 1.20 0.00	27.40 1.23 0.00	27.60 1.17 0.00	34.50 1.50 0.00	42.07 1.61 0.00	53.15 1.89 0.00	47.30 1.42 0.00	41.61 1.24 0.00	41.78 1.21 0.00	39.88 1.24 0.00	39.63 1.15 0.00
INDIAN POINT___2 23530	30.70 0.83 0.00	27.38 0.64 0.00	26.71 0.61 0.00	27.57 0.61 0.00	27.91 0.62 0.00	31.71 0.70 0.00	31.00 0.79 0.00	35.03 1.15 0.00	33.38 1.24 0.00	27.47 1.25 0.00	26.26 1.11 0.00	25.13 1.07 0.00	26.09 1.07 0.00	26.64 1.15 0.00	27.36 1.18 0.00	27.55 1.12 0.00	34.42 1.43 0.00	41.98 1.52 0.00	53.06 1.79 0.00	47.22 1.34 0.00	41.53 1.16 0.00	41.71 1.14 0.00	39.81 1.17 0.00	39.57 1.09 0.00
INDIAN POINT___3 23531	30.71 0.84 0.00	27.40 0.66 0.00	26.72 0.62 0.00	27.58 0.62 0.00	27.97 0.68 0.00	31.74 0.73 0.00	30.91 0.70 0.00	34.91 1.04 0.00	33.28 1.14 0.00	27.49 1.27 0.00	26.35 1.21 0.00	25.25 1.19 0.00	26.24 1.22 0.00	26.77 1.28 0.00	27.47 1.29 0.00	27.68 1.25 0.00	34.59 1.59 0.00	42.16 1.69 0.00	53.24 1.97 0.00	47.36 1.48 0.00	41.69 1.32 0.00	41.86 1.29 0.00	39.95 1.32 0.00	39.71 1.23 0.00
INGHAM_C_115KV_TB7 356103	29.61 -0.26 0.00	26.47 -0.27 0.00	25.89 -0.21 0.00	26.84 -0.12 0.00	27.26 -0.04 0.00	31.02 0.01 0.00	30.42 0.21 0.00	34.50 0.62 0.00	32.47 0.33 0.00	26.05 -0.17 0.00	24.67 -0.47 0.00	23.66 -0.40 0.00	24.91 -0.11 0.00	25.10 -0.39 0.00	25.60 -0.58 0.00	26.04 -0.39 0.00	33.47 0.47 0.00	41.01 0.55 0.00	51.95 0.69 0.00	46.20 0.31 0.00	40.67 0.29 0.00	40.81 0.24 0.00	38.93 0.29 0.00	38.74 0.26 0.00
IP CORINTH___1 23988	31.54 1.66 0.00	28.24 1.50 0.00	27.50 1.40 0.00	28.30 1.34 0.00	28.84 1.54 0.00	32.81 1.80 0.00	32.10 1.89 0.00	36.32 2.44 0.00	34.39 2.25 0.00	27.77 1.55 0.00	26.47 1.33 0.00	25.34 1.29 0.00	26.46 1.44 0.00	26.88 1.39 0.00	27.66 1.48 0.00	28.08 1.65 0.00	35.42 2.42 0.00	43.35 2.88 0.00	54.95 3.68 0.00	48.79 2.91 0.00	42.75 2.37 0.00	42.72 2.15 0.00	40.96 2.32 0.00	40.79 2.31 0.00

IP___TICONDEROGA 23804	32.58 2.71 0.00	29.33 2.59 0.00	28.44 2.34 0.00	29.17 2.21 0.00	29.91 2.61 0.00	34.02 3.01 0.00	33.43 3.22 0.00	38.10 4.22 0.00	35.93 3.78 0.00	28.58 2.36 0.00	27.20 2.06 0.00	26.21 2.15 0.00	27.44 2.42 0.00	27.98 2.49 0.00	29.05 2.88 0.00	29.51 3.08 0.00	37.39 4.39 0.00	46.00 5.53 0.00	58.28 7.01 0.00	51.40 5.52 0.00	44.74 4.36 0.00	44.45 3.87 0.00	42.63 3.99 0.00	42.60 4.12 0.00
ISLIP_RES_REC 323679	31.11 1.24 0.00	27.79 1.05 0.00	27.09 0.99 0.00	27.82 0.86 0.00	28.23 0.93 0.00	32.18 1.17 0.00	31.45 1.24 0.00	35.74 1.86 0.00	33.92 1.77 0.00	27.95 1.73 0.00	26.73 1.59 0.00	25.57 1.51 0.00	26.52 1.50 0.00	27.00 1.51 0.12	27.73 1.69 0.42	27.55 1.55 0.00	34.88 1.88 0.00	42.55 2.08 0.00	53.48 2.21 0.00	47.80 1.92 0.00	42.15 1.78 0.00	42.34 1.77 0.00	40.74 2.20 0.10	40.26 2.00 0.22
JAMAICA__27_KV_LOAD 355505	30.82 0.95 0.00	27.52 0.78 0.00	26.87 0.77 0.00	27.67 0.71 0.00	27.97 0.67 0.00	31.75 0.74 0.00	31.11 0.90 0.00	35.12 1.25 0.00	33.54 1.40 0.00	27.68 1.46 0.00	26.50 1.35 0.00	25.41 1.35 0.00	26.38 1.36 0.00	26.91 1.42 0.00	27.62 1.45 0.00	27.82 1.39 0.00	34.68 1.68 0.00	42.20 1.73 0.00	53.24 1.97 0.00	47.32 1.44 0.00	41.75 1.38 0.00	41.93 1.36 0.00	40.10 1.46 0.00	39.76 1.28 0.00
JANIS___SOLAR 323808	30.61 0.74 0.00	27.32 0.58 0.00	26.68 0.58 0.00	27.79 0.83 0.00	28.22 0.92 0.00	32.13 1.12 0.00	31.45 1.25 0.00	35.40 1.52 0.00	33.37 1.23 0.00	26.82 0.60 0.00	25.35 0.20 0.00	24.14 0.08 0.00	25.13 0.11 0.00	25.70 0.20 0.00	26.41 0.24 0.00	26.88 0.45 0.00	33.93 0.94 0.00	42.10 1.64 0.00	53.69 2.42 0.00	48.21 2.33 0.00	42.17 1.79 0.00	42.18 1.61 0.00	40.00 1.37 0.00	39.72 1.25 0.00
JARVIS____ 23743	29.86 -0.02 0.00	26.71 -0.03 0.00	26.08 -0.03 0.00	26.95 -0.01 0.00	27.30 0.00 0.00	31.01 0.00 0.00	30.24 0.03 0.00	33.94 0.07 0.00	32.21 0.07 0.00	26.28 0.06 0.00	25.18 0.04 0.00	24.10 0.04 0.00	25.08 0.06 0.00	25.52 0.03 0.00	26.20 0.03 0.00	26.47 0.04 0.00	33.08 0.08 0.00	40.55 0.08 0.00	51.37 0.10 0.00	45.91 0.03 0.00	40.41 0.03 0.00	40.57 0.00 0.00	38.64 0.01 0.00	38.48 0.00 0.00
JENNISON___1 23625	30.34 0.46 0.00	27.09 0.34 0.00	26.39 0.29 0.00	27.64 0.68 0.00	28.11 0.81 0.00	31.99 0.98 0.00	31.42 1.21 0.00	35.43 1.56 0.00	33.47 1.32 0.00	27.18 0.96 0.00	25.90 0.76 0.00	24.69 0.63 0.00	25.73 0.71 0.00	26.22 0.73 0.00	26.95 0.77 0.00	27.19 0.76 0.00	34.21 1.21 0.00	42.17 1.71 0.00	53.48 2.21 0.00	47.98 2.10 0.00	42.07 1.69 0.00	42.19 1.62 0.00	40.11 1.48 0.00	39.83 1.35 0.00
JENNISON___2 23626	30.34 0.46 0.00	27.09 0.34 0.00	26.39 0.29 0.00	27.64 0.68 0.00	28.11 0.81 0.00	31.99 0.98 0.00	31.42 1.21 0.00	35.43 1.56 0.00	33.47 1.32 0.00	27.18 0.96 0.00	25.90 0.76 0.00	24.69 0.63 0.00	25.73 0.71 0.00	26.22 0.73 0.00	26.95 0.77 0.00	27.19 0.76 0.00	34.21 1.21 0.00	42.17 1.71 0.00	53.48 2.21 0.00	47.98 2.10 0.00	42.07 1.69 0.00	42.19 1.62 0.00	40.11 1.48 0.00	39.83 1.35 0.00
JERICHO_RISE_WT_PWR 323719	30.21 0.33 0.00	27.14 0.40 0.00	26.51 0.41 0.00	27.25 0.29 0.00	27.47 0.17 0.00	31.21 0.19 0.00	30.18 -0.02 0.00	33.43 -0.44 0.00	31.61 -0.54 0.00	0.86 -0.60 24.76	24.69 -0.46 0.00	23.58 -0.48 0.00	24.46 -0.56 0.00	0.30 -0.60 24.58	-24.47 -0.65 49.99	-24.45 -0.61 50.27	32.42 -0.58 0.00	39.85 -0.62 0.00	51.24 -0.03 0.00	46.08 0.20 0.00	40.97 0.59 0.00	41.61 1.04 0.00	39.73 1.09 0.00	39.69 1.22 0.00
KATONAH__115KV_46KV_TB4 355592	30.91 1.04 0.00	27.59 0.85 0.00	26.90 0.80 0.00	27.75 0.79 0.00	28.13 0.83 0.00	31.98 0.96 0.00	31.29 1.09 0.00	35.38 1.50 0.00	33.71 1.57 0.00	27.71 1.49 0.00	26.50 1.36 0.00	25.38 1.32 0.00	26.38 1.36 0.00	26.89 1.40 0.00	27.59 1.42 0.00	27.82 1.39 0.00	34.78 1.78 0.00	42.42 1.96 0.00	53.61 2.35 0.00	47.72 1.83 0.00	41.97 1.59 0.00	42.13 1.56 0.00	40.18 1.54 0.00	39.91 1.43 0.00
KCE_NY_1 323755	31.23 1.35 0.00	27.95 1.20 0.00	27.24 1.13 0.00	28.09 1.13 0.00	28.54 1.24 0.00	32.46 1.45 0.00	31.73 1.52 0.00	35.82 1.95 0.00	33.91 1.77 0.00	27.48 1.25 0.00	26.20 1.06 0.00	25.08 1.02 0.00	26.15 1.13 0.00	26.62 1.13 0.00	27.35 1.18 0.00	27.77 1.34 0.00	34.97 1.97 0.00	42.84 2.38 0.00	54.27 3.01 0.00	48.29 2.41 0.00	42.44 2.07 0.00	42.47 1.90 0.00	40.54 1.90 0.00	40.39 1.91 0.00
KCE_NY_6_ESR 323823	28.58 -1.29 0.00	25.70 -1.04 0.00	25.18 -0.92 0.00	26.41 -0.55 0.00	26.77 -0.53 0.00	30.52 -0.49 0.00	29.58 -0.62 0.00	33.09 -0.78 0.00	31.40 -0.74 0.00	25.75 -0.47 0.00	24.59 -0.55 0.00	23.65 -0.41 0.00	24.53 -0.49 0.00	25.19 -0.30 0.00	26.10 -0.07 0.00	25.99 -0.44 0.00	31.83 -1.17 0.00	39.01 -1.45 0.00	49.65 -1.61 0.00	44.96 -0.92 0.00	38.91 -1.46 0.00	38.68 -1.89 0.00	36.93 -1.70 0.00	37.08 -1.40 0.00
KEDC_PORT_JEFF_GT2 24210	31.01 1.14 0.00	27.73 0.99 0.00	27.02 0.91 0.00	27.74 0.78 0.00	28.15 0.86 0.00	32.08 1.07 0.00	31.35 1.15 0.00	35.62 1.75 0.00	33.81 1.66 0.00	27.86 1.64 0.00	26.67 1.52 0.00	25.50 1.44 0.00	26.46 1.44 0.00	26.94 1.45 0.00	27.65 1.61 0.14	27.44 1.47 0.46	34.75 1.76 0.00	42.35 1.89 0.00	53.08 1.81 0.00	47.56 1.68 0.00	41.95 1.58 0.00	42.15 1.58 0.00	40.55 2.03 0.11	40.08 1.85 0.24
KEDC_PORT_JEFF_GT3 24211	31.01 1.14 0.00	27.73 0.99 0.00	27.02 0.91 0.00	27.74 0.78 0.00	28.15 0.86 0.00	32.08 1.07 0.00	31.35 1.15 0.00	35.62 1.75 0.00	33.81 1.66 0.00	27.86 1.64 0.00	26.67 1.52 0.00	25.50 1.44 0.00	26.46 1.44 0.00	26.94 1.45 0.00	27.65 1.61 0.14	27.44 1.47 0.46	34.75 1.76 0.00	42.35 1.89 0.00	53.08 1.81 0.00	47.56 1.68 0.00	41.95 1.58 0.00	42.15 1.58 0.00	40.55 2.03 0.11	40.08 1.85 0.24
KEDC_GLWD_GT4 24219	30.97 1.09 0.00	27.63 0.88 0.00	26.94 0.84 0.00	27.76 0.80 0.00	28.14 0.84 0.00	32.00 0.98 0.00	31.30 1.09 0.00	35.45 1.58 0.00	33.71 1.56 0.00	27.76 1.54 0.00	26.58 1.43 0.00	25.45 1.39 0.00	26.43 1.41 0.00	26.96 1.46 0.00	28.09 1.57 -0.35	29.08 1.50 -1.15	34.81 1.81 0.00	42.38 1.91 0.00	53.42 2.15 0.00	47.56 1.68 0.00	41.90 1.53 0.00	42.10 1.52 0.00	40.65 1.72 -0.29	40.60 1.56 -0.56
KEDC_GLWD_GT5 24220	30.97 1.09 0.00	27.63 0.88 0.00	26.94 0.84 0.00	27.76 0.80 0.00	28.14 0.84 0.00	32.00 0.98 0.00	31.30 1.09 0.00	35.45 1.58 0.00	33.71 1.56 0.00	27.76 1.54 0.00	26.58 1.43 0.00	25.45 1.39 0.00	26.43 1.41 0.00	26.96 1.46 0.00	28.09 1.57 -0.35	29.08 1.50 -1.15	34.81 1.81 0.00	42.38 1.91 0.00	53.42 2.15 0.00	47.56 1.68 0.00	41.90 1.53 0.00	42.10 1.52 0.00	40.65 1.72 -0.29	40.60 1.56 -0.56

KENSICO____ 23655	30.79 0.92 0.00	27.48 0.74 0.00	26.79 0.69 0.00	27.64 0.69 0.00	28.02 0.72 0.00	31.84 0.83 0.00	31.15 0.94 0.00	35.21 1.33 0.00	33.54 1.40 0.00	27.59 1.37 0.00	26.39 1.25 0.00	25.28 1.22 0.00	26.27 1.25 0.00	26.80 1.31 0.00	27.51 1.34 0.00	27.71 1.28 0.00	34.63 1.63 0.00	42.20 1.74 0.00	53.29 2.02 0.00	47.41 1.52 0.00	41.73 1.35 0.00	41.90 1.33 0.00	39.99 1.35 0.00	39.74 1.27 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	31.05 1.17 0.00	27.68 0.94 0.00	27.00 0.90 0.00	27.87 0.91 0.00	28.24 0.94 0.00	32.09 1.08 0.00	31.39 1.19 0.00	35.50 1.63 0.00	33.86 1.72 0.00	27.76 1.54 0.00	26.47 1.33 0.00	25.27 1.21 0.00	26.23 1.21 0.00	26.75 1.26 0.00	27.45 1.27 0.00	27.67 1.24 0.00	34.69 1.69 0.00	42.59 2.13 0.00	53.98 2.72 0.00	48.13 2.25 0.00	42.29 1.92 0.00	42.44 1.87 0.00	40.43 1.79 0.00	40.13 1.65 0.00
KIAC_JFK_GT1 23816	30.66 0.79 0.00	27.38 0.64 0.00	26.73 0.63 0.00	27.54 0.58 0.00	27.83 0.53 0.00	31.60 0.58 0.00	30.95 0.74 0.00	34.92 1.04 0.00	33.35 1.20 0.00	27.54 1.32 0.00	26.36 1.22 0.00	25.29 1.23 0.00	26.25 1.23 0.00	26.78 1.29 0.00	27.48 1.31 0.00	27.65 1.22 0.00	34.37 1.37 0.00	41.80 1.33 0.00	52.71 1.44 0.00	46.85 0.97 0.00	41.34 0.96 0.00	41.51 0.94 0.00	39.87 1.23 0.00	39.54 1.06 0.00
KIAC_JFK_GT2 23817	30.66 0.79 0.00	27.38 0.64 0.00	26.73 0.63 0.00	27.54 0.58 0.00	27.83 0.53 0.00	31.60 0.58 0.00	30.95 0.74 0.00	34.92 1.04 0.00	33.35 1.20 0.00	27.54 1.32 0.00	26.36 1.22 0.00	25.29 1.23 0.00	26.25 1.23 0.00	26.78 1.29 0.00	27.48 1.31 0.00	27.65 1.22 0.00	34.37 1.37 0.00	41.80 1.33 0.00	52.71 1.44 0.00	46.85 0.97 0.00	41.34 0.96 0.00	41.51 0.94 0.00	39.87 1.23 0.00	39.54 1.06 0.00
KIAC_JFK____ 323774	30.66 0.79 0.00	27.37 0.63 0.00	26.73 0.63 0.00	27.54 0.58 0.00	27.82 0.53 0.00	31.60 0.58 0.00	30.95 0.74 0.00	34.92 1.04 0.00	33.34 1.20 0.00	27.53 1.31 0.00	26.36 1.22 0.00	25.29 1.23 0.00	26.25 1.23 0.00	26.78 1.29 0.00	27.48 1.31 0.00	27.66 1.23 0.00	34.37 1.37 0.00	41.80 1.33 0.00	52.70 1.44 0.00	46.85 0.97 0.00	41.34 0.96 0.00	41.51 0.94 0.00	39.87 1.23 0.00	39.54 1.06 0.00
KINTIGH____ 23543	28.22 -1.65 0.00	25.38 -1.36 0.00	24.84 -1.26 0.00	26.00 -0.96 0.00	26.35 -0.95 0.00	30.01 -1.00 0.00	29.10 -1.11 0.00	32.53 -1.34 0.00	30.89 -1.26 0.00	25.32 -0.90 0.00	24.22 -0.92 0.00	23.28 -0.78 0.00	24.16 -0.86 0.00	24.80 -0.69 0.00	25.69 -0.49 0.00	25.62 -0.81 0.00	31.44 -1.56 0.00	38.53 -1.93 0.00	48.92 -2.35 0.00	44.20 -1.68 0.00	38.30 -2.08 0.00	38.10 -2.47 0.00	36.39 -2.25 0.00	36.48 -2.00 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	30.80 0.93 0.00	27.74 1.00 0.00	27.09 0.98 0.00	27.88 0.92 0.00	28.26 0.96 0.00	32.09 1.08 0.00	31.12 0.91 0.00	34.43 0.56 0.00	32.47 0.33 0.00	2.61 0.06 23.67	25.26 0.12 0.00	24.24 0.18 0.00	25.13 0.11 0.00	2.02 0.02 23.49	-21.63 -0.03 47.77	-21.64 -0.02 48.05	33.14 0.14 0.00	40.61 0.14 0.00	52.07 0.80 0.00	46.72 0.84 0.00	41.61 1.24 0.00	42.42 1.85 0.00	40.50 1.86 0.00	40.57 2.09 0.00
LACHUTE____HYDRO 323717	32.58 2.71 0.00	29.33 2.59 0.00	28.44 2.34 0.00	29.17 2.21 0.00	29.91 2.61 0.00	34.02 3.01 0.00	33.43 3.22 0.00	38.10 4.23 0.00	35.93 3.78 0.00	28.58 2.36 0.00	27.20 2.06 0.00	26.21 2.15 0.00	27.44 2.42 0.00	27.98 2.49 0.00	29.05 2.88 0.00	29.51 3.08 0.00	37.39 4.39 0.00	46.00 5.53 0.00	58.28 7.01 0.00	51.40 5.52 0.00	44.74 4.36 0.00	44.44 3.87 0.00	42.63 3.99 0.00	42.60 4.13 0.00
LAWRNCALV_115KV_TB1 80681	30.87 1.00 0.00	27.73 0.99 0.00	27.11 1.01 0.00	27.89 0.93 0.00	28.13 0.83 0.00	31.85 0.84 0.00	30.90 0.69 0.00	34.50 0.63 0.00	32.73 0.58 0.00	29.48 0.28 -2.97	25.41 0.27 0.00	24.26 0.20 0.00	25.07 0.05 0.00	28.51 0.08 -2.95	32.40 0.23 -6.00	32.80 0.34 -6.04	33.47 0.47 0.00	41.18 0.72 0.00	52.44 1.17 0.00	47.17 1.28 0.00	41.67 1.30 0.00	42.20 1.63 0.00	40.12 1.48 0.00	39.94 1.47 0.00
LEDERLE____ 23769	30.82 0.95 0.00	27.49 0.74 0.00	26.80 0.70 0.00	27.67 0.71 0.00	27.99 0.69 0.00	31.79 0.78 0.00	31.07 0.87 0.00	35.09 1.22 0.00	33.45 1.31 0.00	27.52 1.30 0.00	26.30 1.16 0.00	25.14 1.08 0.00	26.11 1.09 0.00	26.67 1.17 0.00	27.41 1.23 0.00	27.60 1.17 0.00	34.50 1.50 0.00	42.11 1.65 0.00	53.27 2.01 0.00	47.40 1.52 0.00	41.67 1.29 0.00	41.84 1.27 0.00	39.92 1.28 0.00	39.67 1.19 0.00
LIGHTRSE_115KV_TB6 355974	29.44 -0.43 0.00	26.41 -0.33 0.00	25.86 -0.24 0.00	26.77 -0.19 0.00	27.06 -0.23 0.00	30.60 -0.41 0.00	29.72 -0.49 0.00	33.24 -0.64 0.00	31.54 -0.61 0.00	25.70 -0.52 0.00	24.52 -0.63 0.00	23.30 -0.76 0.00	24.16 -0.86 0.00	24.64 -0.85 0.00	25.54 -0.63 0.00	25.88 -0.55 0.00	32.40 -0.60 0.00	39.92 -0.55 0.00	50.76 -0.50 0.00	45.60 -0.28 0.00	40.24 -0.13 0.00	40.31 -0.26 0.00	38.28 -0.36 0.00	38.11 -0.37 0.00
LINDEN COGEN____ 23786	30.75 0.87 0.00	27.42 0.68 0.00	26.72 0.62 0.00	27.56 0.60 0.00	27.91 0.61 0.00	31.71 0.70 0.00	31.03 0.83 0.00	35.06 1.18 0.00	33.45 1.31 0.00	27.57 1.35 0.00	26.38 1.23 0.00	25.29 1.23 0.00	26.25 1.23 0.00	26.78 1.29 0.00	27.50 1.33 0.00	27.68 1.25 0.00	34.56 1.56 0.00	42.02 1.56 0.00	53.04 1.77 0.00	47.18 1.29 0.00	41.54 1.16 0.00	41.74 1.17 0.00	39.86 1.22 0.00	39.59 1.11 0.00
LINDHRST_69_KV_BK1 356055	31.17 1.30 0.00	27.84 1.09 0.00	27.12 1.02 0.00	27.89 0.93 0.00	28.30 1.00 0.00	32.21 1.20 0.00	31.50 1.29 0.00	35.75 1.88 0.00	33.92 1.78 0.00	27.95 1.73 0.00	26.77 1.62 0.00	25.57 1.52 0.00	26.55 1.53 0.00	27.05 1.56 0.00	27.98 1.74 -0.07	28.29 1.63 -0.23	34.96 1.96 0.00	42.58 2.12 0.00	53.60 2.34 0.00	47.83 1.95 0.00	42.16 1.79 0.00	42.37 1.80 0.00	40.90 2.20 -0.06	40.59 2.01 -0.09
LIPA_MISC_IPP 23656	30.90 1.03 0.00	27.60 0.86 0.00	26.91 0.81 0.00	27.64 0.68 0.00	28.05 0.75 0.00	31.98 0.97 0.00	31.27 1.07 0.00	35.54 1.66 0.00	33.74 1.59 0.00	27.81 1.59 0.00	26.61 1.46 0.00	25.45 1.39 0.00	26.40 1.38 0.00	26.89 1.40 0.00	27.59 1.56 0.14	27.36 1.41 0.47	34.69 1.69 0.00	42.31 1.84 0.00	53.19 1.92 0.00	47.51 1.63 0.00	41.92 1.54 0.00	42.12 1.55 0.00	40.51 1.99 0.12	40.05 1.82 0.25
LISF____SOLAR 323691	30.95 1.08 0.00	27.65 0.91 0.00	26.95 0.85 0.00	27.67 0.71 0.00	28.09 0.79 0.00	32.02 1.01 0.00	31.32 1.11 0.00	35.60 1.72 0.00	33.78 1.64 0.00	27.83 1.61 0.00	26.62 1.47 0.00	25.45 1.39 0.00	26.40 1.38 0.00	26.88 1.39 0.00	27.59 1.56 0.14	27.39 1.43 0.47	34.72 1.73 0.00	42.38 1.92 0.00	53.30 2.03 0.00	47.62 1.73 0.00	42.00 1.62 0.00	42.19 1.62 0.00	40.58 2.06 0.12	40.11 1.88 0.24

LITTLE FALLS___HYD 24013	29.61 -0.26 0.00	26.47 -0.27 0.00	25.89 -0.21 0.00	26.84 -0.12 0.00	27.26 -0.04 0.00	31.02 0.01 0.00	30.42 0.21 0.00	34.50 0.62 0.00	32.47 0.33 0.00	26.05 -0.17 0.00	24.67 -0.47 0.00	23.66 -0.40 0.00	24.91 -0.11 0.00	25.10 -0.39 0.00	25.60 -0.58 0.00	26.04 -0.39 0.00	33.47 0.47 0.00	41.01 0.55 0.00	51.95 0.69 0.00	46.20 0.31 0.00	40.67 0.29 0.00	40.81 0.24 0.00	38.93 0.29 0.00	38.74 0.26 0.00
LITTLRIV_115KV_TB1 356100	31.31 1.43 0.00	28.11 1.37 0.00	27.48 1.37 0.00	28.27 1.31 0.00	28.51 1.22 0.00	32.29 1.28 0.00	31.36 1.15 0.00	35.03 1.16 0.00	33.18 1.04 0.00	29.99 0.50 -3.27	25.56 0.41 0.00	24.47 0.41 0.00	25.22 0.20 0.00	28.99 0.26 -3.24	33.29 0.52 -6.60	33.78 0.71 -6.63	33.99 0.99 0.00	41.90 1.43 0.00	53.35 2.09 0.00	47.99 2.10 0.00	42.36 1.99 0.00	42.86 2.29 0.00	40.71 2.07 0.00	40.50 2.03 0.00
LI_NEWBRDGE___DRP 323616	30.75 0.88 0.00	27.45 0.71 0.00	26.77 0.66 0.00	27.55 0.59 0.00	27.93 0.63 0.00	31.78 0.77 0.00	31.06 0.86 0.00	35.25 1.37 0.00	33.44 1.29 0.00	27.57 1.35 0.00	26.41 1.27 0.00	25.26 1.20 0.00	26.23 1.22 0.00	26.73 1.25 0.00	27.29 1.40 0.28	26.80 1.30 0.93	34.47 1.48 0.00	41.94 1.48 0.00	52.78 1.51 0.00	47.01 1.13 0.00	41.45 1.07 0.00	41.68 1.11 0.00	39.96 1.56 0.23	39.35 1.34 0.47
LOCKPORT_115KV_TB60_63_64 80432	28.20 -1.67 0.00	25.40 -1.34 0.00	24.87 -1.24 0.00	26.09 -0.86 0.00	26.45 -0.85 0.00	30.13 -0.88 0.00	29.20 -1.01 0.00	32.51 -1.36 0.00	30.87 -1.27 0.00	25.31 -0.91 0.00	24.18 -0.97 0.00	23.26 -0.80 0.00	24.17 -0.85 0.00	24.84 -0.65 0.00	25.77 -0.41 0.00	25.62 -0.81 0.00	31.27 -1.73 0.00	38.34 -2.13 0.00	48.70 -2.57 0.00	44.09 -1.80 0.00	38.11 -2.27 0.00	37.82 -2.75 0.00	36.19 -2.45 0.00	36.35 -2.13 0.00
LOCKPORT___CC1 323769	28.18 -1.69 0.00	25.38 -1.36 0.00	24.85 -1.25 0.00	26.08 -0.88 0.00	26.43 -0.87 0.00	30.11 -0.90 0.00	29.17 -1.03 0.00	32.50 -1.38 0.00	30.86 -1.28 0.00	25.30 -0.92 0.00	24.17 -0.97 0.00	23.27 -0.79 0.00	24.16 -0.86 0.00	24.84 -0.65 0.00	25.76 -0.41 0.00	25.60 -0.83 0.00	31.26 -1.74 0.00	38.33 -2.13 0.00	48.70 -2.57 0.00	44.08 -1.80 0.00	38.09 -2.29 0.00	37.81 -2.76 0.00	36.18 -2.46 0.00	36.35 -2.13 0.00
LOCKPORT___CC2 323770	28.18 -1.69 0.00	25.38 -1.36 0.00	24.85 -1.25 0.00	26.08 -0.88 0.00	26.43 -0.87 0.00	30.11 -0.90 0.00	29.17 -1.03 0.00	32.50 -1.38 0.00	30.86 -1.28 0.00	25.30 -0.92 0.00	24.17 -0.97 0.00	23.27 -0.79 0.00	24.16 -0.86 0.00	24.84 -0.65 0.00	25.76 -0.41 0.00	25.60 -0.83 0.00	31.26 -1.74 0.00	38.33 -2.13 0.00	48.70 -2.57 0.00	44.08 -1.80 0.00	38.09 -2.29 0.00	37.81 -2.76 0.00	36.18 -2.46 0.00	36.35 -2.13 0.00
LOCKPORT___CC3 323771	28.18 -1.69 0.00	25.38 -1.36 0.00	24.85 -1.25 0.00	26.08 -0.88 0.00	26.43 -0.87 0.00	30.11 -0.90 0.00	29.17 -1.03 0.00	32.50 -1.38 0.00	30.86 -1.28 0.00	25.30 -0.92 0.00	24.17 -0.97 0.00	23.27 -0.79 0.00	24.16 -0.86 0.00	24.84 -0.65 0.00	25.76 -0.41 0.00	25.60 -0.83 0.00	31.26 -1.74 0.00	38.33 -2.13 0.00	48.70 -2.57 0.00	44.08 -1.80 0.00	38.09 -2.29 0.00	37.81 -2.76 0.00	36.18 -2.46 0.00	36.35 -2.13 0.00
LONG_LAKE_PHOENIX 24014	29.05 -0.82 0.00	26.01 -0.74 0.00	25.39 -0.71 0.00	26.29 -0.67 0.00	26.64 -0.66 0.00	30.29 -0.72 0.00	29.49 -0.72 0.00	32.99 -0.89 0.00	31.28 -0.86 0.00	25.52 -0.70 0.00	24.53 -0.62 0.00	23.45 -0.60 0.00	24.41 -0.61 0.00	24.90 -0.59 0.00	25.61 -0.56 0.00	25.84 -0.59 0.00	32.19 -0.81 0.00	39.55 -0.92 0.00	50.13 -1.14 0.00	44.90 -0.98 0.00	39.42 -0.95 0.00	39.46 -1.11 0.00	37.53 -1.11 0.00	37.36 -1.11 0.00
LOVETT___3 23632	30.68 0.80 0.00	27.37 0.62 0.00	26.68 0.58 0.00	27.55 0.59 0.00	27.86 0.56 0.00	31.64 0.62 0.00	30.92 0.71 0.00	34.91 1.04 0.00	33.28 1.14 0.00	27.38 1.16 0.00	26.17 1.02 0.00	25.02 0.96 0.00	25.97 0.96 0.00	26.53 1.04 0.00	27.26 1.09 0.00	27.45 1.02 0.00	34.30 1.30 0.00	41.85 1.38 0.00	52.94 1.67 0.00	47.11 1.22 0.00	41.41 1.04 0.00	41.60 1.03 0.00	39.70 1.06 0.00	39.47 0.99 0.00
LOVETT___4 23642	30.68 0.80 0.00	27.37 0.62 0.00	26.68 0.58 0.00	27.55 0.59 0.00	27.86 0.56 0.00	31.64 0.62 0.00	30.92 0.71 0.00	34.91 1.04 0.00	33.28 1.14 0.00	27.38 1.16 0.00	26.17 1.02 0.00	25.02 0.96 0.00	25.97 0.96 0.00	26.53 1.04 0.00	27.26 1.09 0.00	27.45 1.02 0.00	34.30 1.30 0.00	41.85 1.38 0.00	52.94 1.67 0.00	47.11 1.22 0.00	41.41 1.04 0.00	41.60 1.03 0.00	39.70 1.06 0.00	39.47 0.99 0.00
LOVETT___5 23593	30.68 0.80 0.00	27.37 0.62 0.00	26.68 0.58 0.00	27.55 0.59 0.00	27.86 0.56 0.00	31.64 0.62 0.00	30.92 0.71 0.00	34.91 1.04 0.00	33.28 1.14 0.00	27.38 1.16 0.00	26.17 1.02 0.00	25.02 0.96 0.00	25.97 0.96 0.00	26.53 1.04 0.00	27.26 1.09 0.00	27.45 1.02 0.00	34.30 1.30 0.00	41.85 1.38 0.00	52.94 1.67 0.00	47.11 1.22 0.00	41.41 1.04 0.00	41.60 1.03 0.00	39.70 1.06 0.00	39.47 0.99 0.00
LOWER RAQUET___HYD 24057	30.93 1.06 0.00	27.78 1.04 0.00	27.16 1.06 0.00	27.95 0.99 0.00	28.19 0.89 0.00	31.90 0.88 0.00	30.94 0.73 0.00	34.54 0.67 0.00	32.76 0.61 0.00	30.06 0.30 -3.55	25.42 0.27 0.00	24.25 0.20 0.00	25.06 0.04 0.00	29.07 0.06 -3.52	33.56 0.23 -7.16	33.98 0.35 -7.20	33.51 0.51 0.00	41.26 0.79 0.00	52.58 1.31 0.00	47.29 1.41 0.00	41.79 1.42 0.00	42.32 1.75 0.00	40.23 1.60 0.00	40.05 1.57 0.00
LOWER___HUDSON 24059	30.76 0.88 0.00	27.51 0.77 0.00	26.81 0.70 0.00	27.66 0.70 0.00	28.09 0.79 0.00	31.93 0.92 0.00	31.20 1.00 0.00	35.22 1.34 0.00	33.38 1.24 0.00	27.14 0.92 0.00	25.89 0.75 0.00	24.79 0.73 0.00	25.82 0.80 0.00	26.31 0.82 0.00	27.01 0.83 0.00	27.42 0.99 0.00	34.38 1.38 0.00	42.03 1.57 0.00	53.23 1.96 0.00	47.36 1.47 0.00	41.76 1.38 0.00	41.80 1.23 0.00	39.89 1.25 0.00	39.80 1.32 0.00
LOWVILLE_115KV_TB2 356335	30.37 0.49 0.00	27.36 0.62 0.00	26.93 0.83 0.00	27.84 0.88 0.00	28.13 0.82 0.00	31.49 0.48 0.00	30.46 0.25 0.00	34.06 0.19 0.00	32.35 0.21 0.00	27.33 0.09 -1.01	25.02 -0.12 0.00	23.53 -0.53 0.00	24.24 -0.78 0.00	25.67 -0.82 -1.00	27.75 -0.46 -2.04	28.27 -0.21 -2.05	33.17 0.18 0.00	40.98 0.52 0.00	52.63 1.36 0.00	47.27 1.39 0.00	42.05 1.67 0.00	42.28 1.71 0.00	40.10 1.46 0.00	39.87 1.40 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	31.21 1.34 0.00	27.92 1.18 0.00	27.21 1.11 0.00	28.07 1.11 0.00	28.52 1.23 0.00	32.45 1.43 0.00	31.71 1.50 0.00	35.80 1.93 0.00	33.91 1.77 0.00	27.46 1.24 0.00	26.19 1.05 0.00	25.07 1.01 0.00	26.14 1.12 0.00	26.61 1.12 0.00	27.33 1.16 0.00	27.75 1.32 0.00	34.94 1.94 0.00	42.81 2.34 0.00	54.23 2.97 0.00	48.25 2.37 0.00	42.41 2.03 0.00	42.44 1.87 0.00	40.52 1.88 0.00	40.36 1.88 0.00

LUTHERNY_35_KV_BK2 355980	31.23 1.35 0.00	27.94 1.20 0.00	27.23 1.13 0.00	28.09 1.13 0.00	28.54 1.25 0.00	32.46 1.45 0.00	31.73 1.52 0.00	35.82 1.95 0.00	33.92 1.77 0.00	27.48 1.25 0.00	26.20 1.06 0.00	25.08 1.02 0.00	26.15 1.13 0.00	26.62 1.13 0.00	27.35 1.18 0.00	27.77 1.34 0.00	34.97 1.97 0.00	42.84 2.38 0.00	54.27 3.01 0.00	48.29 2.41 0.00	42.44 2.07 0.00	42.47 1.90 0.00	40.53 1.90 0.00	40.39 1.91 0.00
LWR___OSWEGATCHIE_HYD 23850	30.65 0.78 0.00	27.57 0.82 0.00	27.04 0.94 0.00	27.88 0.92 0.00	28.15 0.85 0.00	31.68 0.67 0.00	30.69 0.49 0.00	34.29 0.42 0.00	32.55 0.41 0.00	28.78 0.16 -2.41	25.17 0.03 0.00	23.85 -0.21 0.00	24.60 -0.42 0.00	27.46 -0.42 -2.39	30.91 -0.12 -4.86	31.39 0.07 -4.88	33.33 0.33 0.00	41.15 0.68 0.00	52.61 1.34 0.00	47.29 1.41 0.00	41.93 1.55 0.00	42.29 1.72 0.00	40.15 1.51 0.00	39.92 1.44 0.00
LYONS_FALL_HYD 23570	30.36 0.49 0.00	27.29 0.55 0.00	26.78 0.67 0.00	27.68 0.72 0.00	28.00 0.70 0.00	31.53 0.52 0.00	30.61 0.41 0.00	34.29 0.42 0.00	32.54 0.40 0.00	27.13 0.24 -0.67	25.25 0.10 0.00	23.91 -0.15 0.00	24.75 -0.27 0.00	25.81 -0.34 -0.67	27.45 -0.07 -1.35	27.90 0.11 -1.36	33.44 0.44 0.00	41.17 0.71 0.00	52.65 1.39 0.00	47.18 1.30 0.00	41.78 1.40 0.00	41.95 1.38 0.00	39.84 1.20 0.00	39.62 1.15 0.00
MADISON___COUNTY_LFGE 323628	30.32 0.44 0.00	27.14 0.40 0.00	26.52 0.42 0.00	27.42 0.46 0.00	27.81 0.51 0.00	31.63 0.62 0.00	30.86 0.66 0.00	34.65 0.78 0.00	32.82 0.68 0.00	26.63 0.41 0.00	25.44 0.30 0.00	24.33 0.27 0.00	25.42 0.40 0.00	25.75 0.26 0.00	26.62 0.44 0.00	26.96 0.54 0.00	33.82 0.82 0.00	41.45 0.98 0.00	52.71 1.45 0.00	47.12 1.24 0.00	41.41 1.04 0.00	41.49 0.92 0.00	39.44 0.80 0.00	39.24 0.76 0.00
MALONE___115KV_TB1 356076	30.68 0.81 0.00	27.57 0.82 0.00	26.92 0.82 0.00	27.69 0.72 0.00	27.91 0.61 0.00	31.67 0.66 0.00	30.69 0.49 0.00	34.10 0.23 0.00	32.28 0.14 0.00	41.33 -0.06 -15.17	25.15 0.01 0.00	24.01 -0.05 0.00	24.88 -0.14 0.00	40.42 -0.13 -15.06	56.68 -0.12 -30.63	57.19 -0.04 -30.80	33.09 0.09 0.00	40.73 0.27 0.00	52.28 1.01 0.00	46.99 1.11 0.00	41.69 1.31 0.00	42.29 1.73 0.00	40.29 1.65 0.00	40.19 1.71 0.00
MAPLEWOD_115KV_TB3 80458	30.62 0.74 0.00	27.38 0.63 0.00	26.68 0.58 0.00	27.54 0.58 0.00	27.95 0.65 0.00	31.77 0.76 0.00	31.06 0.85 0.00	35.02 1.15 0.00	33.22 1.08 0.00	27.03 0.81 0.00	25.82 0.67 0.00	24.72 0.66 0.00	25.73 0.71 0.00	26.23 0.74 0.00	26.90 0.73 0.00	27.28 0.85 0.00	34.23 1.23 0.00	41.90 1.44 0.00	53.06 1.79 0.00	47.26 1.37 0.00	41.62 1.25 0.00	41.68 1.11 0.00	39.73 1.10 0.00	39.58 1.10 0.00
MAPLE_RIDGE_WT_1 323574	29.89 0.02 0.00	26.84 0.09 0.00	26.32 0.22 0.00	27.14 0.18 0.00	27.42 0.12 0.00	30.90 -0.12 0.00	29.96 -0.25 0.00	33.47 -0.40 0.00	31.75 -0.39 0.00	25.99 -0.23 0.00	24.97 -0.17 0.00	23.61 -0.45 0.00	24.47 -0.55 0.00	24.83 -0.66 0.00	25.47 -0.71 0.00	25.83 -0.60 0.00	32.39 -0.60 0.00	39.89 -0.57 0.00	50.76 -0.51 0.00	45.58 -0.30 0.00	40.41 0.03 0.00	40.89 0.32 0.00	38.92 0.28 0.00	38.77 0.30 0.00
MAPLE_RIDGE_WT_2 323611	29.89 0.02 0.00	26.84 0.09 0.00	26.32 0.22 0.00	27.14 0.18 0.00	27.42 0.12 0.00	30.90 -0.12 0.00	29.96 -0.25 0.00	33.47 -0.40 0.00	31.75 -0.39 0.00	25.99 -0.23 0.00	24.97 -0.17 0.00	23.61 -0.45 0.00	24.47 -0.55 0.00	24.83 -0.66 0.00	25.47 -0.71 0.00	25.83 -0.60 0.00	32.39 -0.60 0.00	39.89 -0.57 0.00	50.76 -0.51 0.00	45.58 -0.30 0.00	40.41 0.03 0.00	40.89 0.32 0.00	38.92 0.28 0.00	38.77 0.30 0.00
MARBLE_RIVER_WT_PWR 323696	30.25 0.37 0.00	27.21 0.47 0.00	26.58 0.48 0.00	27.34 0.38 0.00	27.62 0.33 0.00	31.37 0.35 0.00	30.37 0.16 0.00	33.60 -0.28 0.00	31.72 -0.42 0.00	2.60 -0.51 23.10	24.76 -0.39 0.00	23.66 -0.40 0.00	24.55 -0.47 0.00	2.03 -0.52 22.93	-21.00 -0.54 46.63	-21.00 -0.53 46.90	32.51 -0.49 0.00	39.90 -0.56 0.00	51.26 -0.01 0.00	46.06 0.18 0.00	40.99 0.62 0.00	41.68 1.11 0.00	39.83 1.19 0.00	39.83 1.36 0.00
MARSHVLE_115KV_TB1 80742	31.40 1.53 0.00	28.16 1.42 0.00	27.55 1.45 0.00	28.55 1.59 0.00	28.93 1.63 0.00	32.86 1.85 0.00	31.97 1.77 0.00	35.80 1.92 0.00	33.70 1.56 0.00	27.03 0.82 0.00	25.95 0.81 0.00	24.79 0.73 0.00	26.01 0.99 0.00	26.39 0.90 0.00	27.01 0.84 0.00	27.29 0.87 0.00	34.47 1.47 0.00	42.73 2.27 0.00	54.23 2.97 0.00	48.72 2.83 0.00	42.71 2.34 0.00	42.99 2.42 0.00	40.84 2.21 0.00	40.58 2.10 0.00
MARSH_HILL_WT_PWR 323713	28.84 -1.03 0.00	25.92 -0.82 0.00	25.41 -0.69 0.00	26.58 -0.38 0.00	26.99 -0.31 0.00	30.85 -0.16 0.00	30.01 -0.20 0.00	33.68 -0.19 0.00	31.78 -0.36 0.00	25.78 -0.43 0.00	24.71 -0.43 0.00	23.58 -0.48 0.00	24.56 -0.46 0.00	25.22 -0.27 0.00	26.07 -0.10 0.00	26.11 -0.32 0.00	32.35 -0.65 0.00	39.88 -0.59 0.00	50.92 -0.35 0.00	45.72 -0.16 0.00	39.75 -0.63 0.00	39.74 -0.83 0.00	37.82 -0.82 0.00	37.91 -0.57 0.00
MCINTYRE_115KV_TB2 80467	31.47 1.59 0.00	28.25 1.51 0.00	27.60 1.50 0.00	28.39 1.43 0.00	28.64 1.34 0.00	32.45 1.44 0.00	31.53 1.32 0.00	35.23 1.35 0.00	33.36 1.22 0.00	29.58 0.54 -2.82	25.58 0.44 0.00	24.55 0.49 0.00	25.27 0.25 0.00	28.62 0.33 -2.80	32.53 0.66 -5.70	33.03 0.86 -5.73	34.19 1.19 0.00	42.14 1.68 0.00	53.62 2.35 0.00	48.23 2.34 0.00	42.52 2.14 0.00	43.04 2.47 0.00	40.88 2.25 0.00	40.66 2.18 0.00
MECO_____69_KV_BK1 80468	31.67 1.80 0.00	28.36 1.62 0.00	27.71 1.61 0.00	28.66 1.71 0.00	29.07 1.77 0.00	33.05 2.04 0.00	32.25 2.05 0.00	36.24 2.36 0.00	34.04 1.89 0.00	27.05 0.83 0.00	25.71 0.56 0.00	24.65 0.59 0.00	25.94 0.92 0.00	26.14 0.65 0.00	26.77 0.60 0.00	27.27 0.84 0.00	34.90 1.90 0.00	43.48 3.01 0.00	55.18 3.91 0.00	49.40 3.51 0.00	43.29 2.91 0.00	43.41 2.83 0.00	41.23 2.59 0.00	40.93 2.46 0.00
MENANDS___115KV_TB5 355628	30.47 0.60 0.00	27.24 0.50 0.00	26.56 0.46 0.00	27.41 0.45 0.00	27.81 0.52 0.00	31.62 0.60 0.00	30.91 0.70 0.00	34.84 0.97 0.00	33.05 0.91 0.00	26.93 0.71 0.00	25.73 0.58 0.00	24.66 0.60 0.00	25.65 0.63 0.00	26.15 0.66 0.00	26.80 0.63 0.00	27.17 0.75 0.00	34.06 1.06 0.00	41.67 1.21 0.00	52.74 1.47 0.00	46.97 1.08 0.00	41.38 1.01 0.00	41.44 0.87 0.00	39.52 0.88 0.00	39.39 0.91 0.00
MG INDUSTRY___DRP 24185	30.52 0.65 0.00	27.29 0.55 0.00	26.62 0.52 0.00	27.49 0.53 0.00	27.88 0.59 0.00	31.71 0.70 0.00	30.97 0.76 0.00	34.88 1.01 0.00	33.01 0.87 0.00	26.77 0.55 0.00	25.57 0.43 0.00	24.50 0.44 0.00	25.51 0.49 0.00	25.98 0.49 0.00	26.63 0.46 0.00	27.02 0.59 0.00	33.93 0.93 0.00	41.68 1.21 0.00	52.75 1.49 0.00	47.03 1.15 0.00	41.42 1.05 0.00	41.49 0.92 0.00	39.55 0.91 0.00	39.40 0.92 0.00

MID___OSWEGATCHIE_HYD 23849	30.65 0.78 0.00	27.57 0.82 0.00	27.04 0.94 0.00	27.88 0.92 0.00	28.15 0.85 0.00	31.68 0.67 0.00	30.69 0.49 0.00	34.29 0.42 0.00	32.55 0.41 0.00	28.78 0.16 -2.41	25.17 0.03 0.00	23.85 -0.21 0.00	24.60 -0.42 0.00	27.46 -0.42 -2.39	30.91 -0.12 -4.86	31.39 0.07 -4.88	33.33 0.33 0.00	41.15 0.68 0.00	52.61 1.34 0.00	47.29 1.41 0.00	41.93 1.55 0.00	42.29 1.72 0.00	40.15 1.51 0.00	39.92 1.44 0.00
MID___RAQUETTE_HYD 23851	30.93 1.06 0.00	27.78 1.04 0.00	27.16 1.06 0.00	27.95 0.99 0.00	28.19 0.89 0.00	31.90 0.88 0.00	30.94 0.74 0.00	34.54 0.67 0.00	32.76 0.61 0.00	30.06 0.30 -3.55	25.42 0.27 0.00	24.25 0.20 0.00	25.06 0.04 0.00	29.07 0.06 -3.52	33.56 0.23 -7.16	33.98 0.35 -7.20	33.50 0.51 0.00	41.26 0.79 0.00	52.58 1.31 0.00	47.29 1.41 0.00	41.80 1.42 0.00	42.32 1.76 0.00	40.23 1.60 0.00	40.05 1.57 0.00
MILLIKEN___1 23584	30.05 0.18 0.00	26.85 0.11 0.00	26.23 0.13 0.00	27.21 0.25 0.00	27.59 0.29 0.00	31.40 0.39 0.00	30.66 0.46 0.00	34.45 0.58 0.00	32.62 0.48 0.00	26.46 0.24 0.00	25.18 0.04 0.00	24.04 -0.02 0.00	25.00 -0.02 0.00	25.51 0.02 0.00	26.23 0.05 0.00	26.59 0.16 0.00	33.33 0.33 0.00	41.10 0.63 0.00	52.30 1.03 0.00	46.92 1.03 0.00	41.08 0.71 0.00	41.17 0.59 0.00	39.09 0.45 0.00	38.87 0.40 0.00
MILLIKEN___2 23585	30.05 0.18 0.00	26.85 0.11 0.00	26.23 0.13 0.00	27.21 0.25 0.00	27.59 0.29 0.00	31.40 0.39 0.00	30.66 0.46 0.00	34.45 0.58 0.00	32.62 0.48 0.00	26.46 0.24 0.00	25.18 0.04 0.00	24.04 -0.02 0.00	25.00 -0.02 0.00	25.51 0.02 0.00	26.23 0.05 0.00	26.59 0.16 0.00	33.33 0.33 0.00	41.10 0.63 0.00	52.30 1.03 0.00	46.92 1.03 0.00	41.08 0.71 0.00	41.17 0.59 0.00	39.09 0.45 0.00	38.87 0.40 0.00
MILLIKEN___DIESEL 23629	30.05 0.18 0.00	26.85 0.11 0.00	26.23 0.13 0.00	27.21 0.25 0.00	27.59 0.29 0.00	31.40 0.39 0.00	30.66 0.46 0.00	34.45 0.58 0.00	32.62 0.48 0.00	26.46 0.24 0.00	25.18 0.04 0.00	24.04 -0.02 0.00	25.00 -0.02 0.00	25.51 0.02 0.00	26.23 0.05 0.00	26.59 0.16 0.00	33.33 0.33 0.00	41.10 0.63 0.00	52.30 1.03 0.00	46.92 1.03 0.00	41.08 0.71 0.00	41.17 0.59 0.00	39.09 0.45 0.00	38.87 0.40 0.00
MILLSEAT___LFGE 323607	28.72 -1.15 0.00	25.84 -0.91 0.00	25.28 -0.82 0.00	26.50 -0.46 0.00	26.85 -0.45 0.00	30.59 -0.42 0.00	29.69 -0.51 0.00	33.12 -0.76 0.00	31.44 -0.70 0.00	25.66 -0.56 0.00	24.44 -0.71 0.00	23.46 -0.60 0.00	24.48 -0.54 0.00	25.18 -0.31 0.00	26.16 -0.02 0.00	25.96 -0.47 0.00	31.82 -1.18 0.00	39.16 -1.30 0.00	49.84 -1.43 0.00	45.07 -0.81 0.00	38.99 -1.39 0.00	38.68 -1.89 0.00	36.95 -1.69 0.00	37.02 -1.46 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	30.76 0.88 0.00	27.44 0.70 0.00	26.76 0.66 0.00	27.61 0.65 0.00	27.98 0.68 0.00	31.81 0.80 0.00	31.11 0.91 0.00	35.16 1.28 0.00	33.50 1.35 0.00	27.55 1.33 0.00	26.35 1.20 0.00	25.23 1.18 0.00	26.22 1.20 0.00	26.75 1.26 0.00	27.45 1.28 0.00	27.66 1.23 0.00	34.57 1.57 0.00	42.15 1.68 0.00	53.23 1.96 0.00	47.36 1.48 0.00	41.69 1.31 0.00	41.85 1.28 0.00	39.94 1.30 0.00	39.69 1.22 0.00
MILLWOOD_13_KV_LOAD 356217	30.79 0.92 0.00	27.47 0.73 0.00	26.79 0.69 0.00	27.64 0.68 0.00	28.01 0.71 0.00	31.85 0.84 0.00	31.15 0.94 0.00	35.21 1.33 0.00	33.55 1.40 0.00	27.59 1.37 0.00	26.38 1.23 0.00	25.27 1.21 0.00	26.25 1.23 0.00	26.77 1.28 0.00	27.49 1.32 0.00	27.70 1.27 0.00	34.61 1.62 0.00	42.21 1.75 0.00	53.31 2.05 0.00	47.44 1.56 0.00	41.74 1.37 0.00	41.91 1.34 0.00	40.00 1.36 0.00	39.74 1.27 0.00
MODEL_CITY_ENERGY 24167	27.94 -1.93 0.00	25.18 -1.57 0.00	24.65 -1.45 0.00	25.87 -1.09 0.00	26.22 -1.08 0.00	29.86 -1.15 0.00	28.92 -1.28 0.00	32.17 -1.71 0.00	30.54 -1.61 0.00	25.06 -1.15 0.00	23.94 -1.20 0.00	23.05 -1.01 0.00	23.93 -1.09 0.00	24.60 -0.89 0.00	25.50 -0.67 0.00	25.36 -1.07 0.00	30.93 -2.07 0.00	37.89 -2.57 0.00	48.11 -3.16 0.00	43.55 -2.33 0.00	37.63 -2.74 0.00	37.36 -3.21 0.00	35.77 -2.87 0.00	35.95 -2.53 0.00
MODERN_LFGE___ 323580	27.94 -1.93 0.00	25.18 -1.57 0.00	24.65 -1.45 0.00	25.87 -1.09 0.00	26.22 -1.08 0.00	29.86 -1.15 0.00	28.92 -1.28 0.00	32.17 -1.71 0.00	30.54 -1.61 0.00	25.06 -1.15 0.00	23.94 -1.20 0.00	23.05 -1.01 0.00	23.93 -1.09 0.00	24.60 -0.89 0.00	25.50 -0.67 0.00	25.36 -1.07 0.00	30.93 -2.07 0.00	37.89 -2.57 0.00	48.11 -3.16 0.00	43.55 -2.33 0.00	37.63 -2.74 0.00	37.36 -3.21 0.00	35.77 -2.87 0.00	35.95 -2.53 0.00
MOHAWK_PAPER___DRP 24187	30.62 0.74 0.00	27.38 0.63 0.00	26.68 0.58 0.00	27.54 0.58 0.00	27.95 0.65 0.00	31.77 0.76 0.00	31.06 0.85 0.00	35.02 1.15 0.00	33.22 1.08 0.00	27.03 0.81 0.00	25.82 0.67 0.00	24.72 0.66 0.00	25.73 0.71 0.00	26.23 0.74 0.00	26.90 0.73 0.00	27.28 0.85 0.00	34.23 1.23 0.00	41.90 1.44 0.00	53.06 1.79 0.00	47.26 1.37 0.00	41.62 1.25 0.00	41.68 1.11 0.00	39.73 1.10 0.00	39.58 1.10 0.00
MOHICAN___35_KV_115KV_LD 80490	31.62 1.75 0.00	28.32 1.58 0.00	27.57 1.47 0.00	28.38 1.42 0.00	28.92 1.62 0.00	32.91 1.90 0.00	32.20 2.00 0.00	36.45 2.58 0.00	34.50 2.35 0.00	27.82 1.60 0.00	26.51 1.37 0.00	25.40 1.34 0.00	26.51 1.49 0.00	26.96 1.47 0.00	27.76 1.58 0.00	28.20 1.77 0.00	35.59 2.59 0.00	43.60 3.13 0.00	55.25 3.98 0.00	49.05 3.17 0.00	42.97 2.59 0.00	42.92 2.35 0.00	41.10 2.46 0.00	40.95 2.48 0.00
MONGAUP___HYD 23641	31.00 1.13 0.00	27.66 0.91 0.00	26.96 0.86 0.00	27.84 0.88 0.00	28.20 0.90 0.00	32.07 1.06 0.00	31.39 1.18 0.00	35.93 2.06 0.00	34.18 2.03 0.00	27.79 1.57 0.00	26.28 1.14 0.00	25.08 1.02 0.00	26.03 1.01 0.00	26.56 1.08 0.00	27.29 1.12 0.00	27.54 1.12 0.00	34.68 1.68 0.00	43.01 2.55 0.00	54.81 3.54 0.00	48.86 2.98 0.00	42.92 2.54 0.00	43.01 2.43 0.00	40.94 2.30 0.00	40.62 2.14 0.00
MONTAUK___DIESEL 23721	30.00 0.13 0.00	26.79 0.05 0.00	26.10 0.00 0.00	26.79 -0.17 0.00	27.26 -0.04 0.00	31.30 0.29 0.00	30.83 0.63 0.00	35.20 1.32 0.00	33.72 1.58 0.00	28.01 1.79 0.00	26.89 1.74 0.00	25.89 1.83 0.00	26.95 1.93 0.00	27.50 2.01 0.00	28.20 2.17 0.14	27.93 1.98 0.47	35.26 2.26 0.00	43.05 2.59 0.00	54.18 2.92 0.00	48.63 2.75 0.00	42.80 2.43 0.00	42.83 2.26 0.00	41.00 2.48 0.12	40.58 2.35 0.25
MOONROAD_115KV_HARTFLD_TB1-2 355988	28.92 -0.95 0.00	26.05 -0.70 0.00	25.62 -0.48 0.00	26.91 -0.05 0.00	27.28 -0.02 0.00	31.13 0.12 0.00	30.22 0.02 0.00	33.93 0.06 0.00	32.19 0.05 0.00	26.39 0.17 0.00	25.18 0.04 0.00	24.18 0.12 0.00	25.03 0.01 0.00	25.66 0.18 0.00	26.64 0.46 0.00	26.50 0.07 0.00	32.51 -0.49 0.00	39.96 -0.51 0.00	51.05 -0.22 0.00	46.21 0.33 0.00	40.00 -0.38 0.00	39.99 -0.58 0.00	38.06 -0.58 0.00	38.09 -0.38 0.00

MORRIS_RIDGE___SOLAR 323848	28.64 -1.23 0.00	25.73 -1.02 0.00	25.22 -0.89 0.00	26.38 -0.58 0.00	26.77 -0.53 0.00	30.55 -0.46 0.00	29.69 -0.52 0.00	33.28 -0.60 0.00	31.42 -0.73 0.00	25.52 -0.70 0.00	24.43 -0.71 0.00	23.31 -0.75 0.00	24.32 -0.70 0.00	25.01 -0.48 0.00	25.82 -0.36 0.00	25.78 -0.65 0.00	31.80 -1.21 0.00	39.26 -1.20 0.00	50.12 -1.15 0.00	45.12 -0.76 0.00	39.10 -1.28 0.00	39.05 -1.53 0.00	37.23 -1.40 0.00	37.38 -1.10 0.00
MORTIMER_115KV_TB3 55949	28.81 -1.06 0.00	25.86 -0.88 0.00	25.28 -0.82 0.00	26.35 -0.61 0.00	26.71 -0.59 0.00	30.42 -0.59 0.00	29.56 -0.65 0.00	33.09 -0.79 0.00	31.42 -0.73 0.00	25.64 -0.59 0.00	24.54 -0.60 0.00	23.55 -0.51 0.00	24.51 -0.51 0.00	25.13 -0.36 0.00	25.99 -0.18 0.00	25.99 -0.44 0.00	32.08 -0.91 0.00	39.45 -1.02 0.00	50.11 -1.16 0.00	45.14 -0.75 0.00	39.26 -1.12 0.00	39.09 -1.48 0.00	37.23 -1.41 0.00	37.17 -1.30 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	30.89 1.02 0.00	27.56 0.82 0.00	26.88 0.78 0.00	27.72 0.76 0.00	28.08 0.78 0.00	31.89 0.88 0.00	31.21 1.01 0.00	35.28 1.41 0.00	33.64 1.50 0.00	27.72 1.51 0.00	26.53 1.38 0.00	25.42 1.36 0.00	26.40 1.39 0.00	26.94 1.45 0.00	27.65 1.48 0.00	27.84 1.41 0.00	34.76 1.76 0.00	42.31 1.84 0.00	53.35 2.08 0.00	47.46 1.58 0.00	41.80 1.42 0.00	41.98 1.41 0.00	40.08 1.44 0.00	39.81 1.33 0.00
MUNSVILLE_WIND_PWR 323609	31.40 1.53 0.00	27.97 1.23 0.00	27.31 1.21 0.00	28.60 1.64 0.00	29.09 1.79 0.00	33.13 2.12 0.00	32.53 2.32 0.00	36.71 2.83 0.00	34.58 2.44 0.00	27.81 1.59 0.00	26.29 1.14 0.00	24.99 0.93 0.00	26.06 1.04 0.00	26.67 1.18 0.00	27.43 1.26 0.00	27.82 1.39 0.00	35.21 2.21 0.00	43.67 3.21 0.00	55.52 4.26 0.00	49.90 4.02 0.00	43.59 3.21 0.00	43.51 2.94 0.00	41.25 2.61 0.00	40.87 2.39 0.00
N SALMON___HYD 24042	30.68 0.81 0.00	27.57 0.82 0.00	26.92 0.82 0.00	27.69 0.72 0.00	27.91 0.61 0.00	31.67 0.66 0.00	30.69 0.49 0.00	34.10 0.23 0.00	32.28 0.14 0.00	41.33 -0.06 -15.17	25.15 0.01 0.00	24.01 -0.05 0.00	24.88 -0.14 0.00	40.42 -0.13 -15.06	56.68 -0.12 -30.63	57.19 -0.04 -30.80	33.09 0.09 0.00	40.73 0.27 0.00	52.28 1.01 0.00	46.99 1.11 0.00	41.69 1.31 0.00	42.29 1.73 0.00	40.29 1.65 0.00	40.19 1.71 0.00
N.AKRON__115KV_KNAPP 355671	28.59 -1.28 0.00	25.73 -1.01 0.00	25.18 -0.92 0.00	26.41 -0.55 0.00	26.76 -0.54 0.00	30.49 -0.52 0.00	29.57 -0.64 0.00	32.97 -0.90 0.00	31.31 -0.83 0.00	25.60 -0.63 0.00	24.40 -0.75 0.00	23.43 -0.62 0.00	24.49 -0.53 0.00	25.12 -0.37 0.00	26.08 -0.09 0.00	25.90 -0.53 0.00	31.70 -1.30 0.00	38.95 -1.51 0.00	49.54 -1.73 0.00	44.82 -1.06 0.00	38.76 -1.62 0.00	38.46 -2.11 0.00	36.76 -1.88 0.00	36.87 -1.61 0.00
N.BELMOR_69_KV_BK1 55787	30.96 1.09 0.00	27.64 0.90 0.00	26.93 0.83 0.00	27.73 0.77 0.00	28.11 0.81 0.00	31.99 0.97 0.00	31.28 1.07 0.00	35.48 1.60 0.00	33.69 1.54 0.00	27.76 1.54 0.00	26.59 1.45 0.00	25.43 1.37 0.00	26.40 1.38 0.00	26.92 1.42 0.00	28.29 1.58 -0.53	29.72 1.51 -1.79	34.78 1.77 0.00	42.30 1.84 0.00	53.28 2.02 0.00	47.49 1.61 0.00	41.85 1.47 0.00	42.07 1.49 0.00	40.95 1.87 -0.45	40.98 1.67 -0.84
N.E_GEN_SANDY PD 24062	30.67 0.82 0.03	27.70 0.69 -0.27	26.74 0.64 0.00	27.58 0.62 0.00	28.00 0.70 0.00	31.82 0.81 0.00	31.11 0.90 0.00	35.16 1.28 0.00	33.38 1.24 0.00	26.89 1.00 0.33	25.85 0.82 0.11	24.88 0.82 0.00	25.90 0.88 0.00	26.42 0.93 0.00	27.01 0.94 0.10	27.55 1.04 -0.08	34.38 1.38 0.00	41.13 1.51 0.85	50.95 1.86 2.18	45.56 1.32 1.64	43.54 1.25 -1.92	42.43 1.11 -0.75	39.79 1.15 0.00	39.86 1.20 -0.18
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	30.73 0.86 0.00	27.41 0.67 0.00	26.73 0.63 0.00	27.60 0.64 0.00	27.91 0.61 0.00	31.69 0.68 0.00	30.97 0.76 0.00	34.97 1.10 0.00	33.34 1.20 0.00	27.43 1.21 0.00	26.21 1.06 0.00	25.06 1.01 0.00	26.02 1.00 0.00	26.58 1.09 0.00	27.31 1.14 0.00	27.50 1.08 0.00	34.37 1.37 0.00	41.94 1.48 0.00	53.05 1.78 0.00	47.22 1.34 0.00	41.51 1.13 0.00	41.68 1.11 0.00	39.78 1.14 0.00	39.55 1.07 0.00
N.QUEENS_27_KV_LOAD 356247	30.81 0.94 0.01	27.50 0.76 0.00	26.78 0.68 0.00	27.61 0.65 0.00	27.96 0.67 0.01	31.73 0.73 0.01	31.06 0.86 0.01	35.12 1.25 0.00	33.49 1.35 0.00	27.72 1.50 0.00	26.49 1.35 0.00	25.36 1.30 0.00	26.30 1.28 0.00	26.84 1.35 0.00	27.58 1.41 0.00	27.68 1.25 0.00	34.59 1.59 0.00	42.15 1.69 0.00	53.24 1.97 0.00	47.39 1.51 0.00	41.81 1.43 0.00	41.91 1.33 0.00	40.00 1.36 0.00	39.74 1.26 0.00
N.TROY___115KV_TB1 355778	30.76 0.88 0.00	27.51 0.77 0.00	26.80 0.71 0.00	27.66 0.70 0.00	28.09 0.79 0.00	31.93 0.92 0.00	31.20 1.00 0.00	35.22 1.34 0.00	33.38 1.24 0.00	27.14 0.92 0.00	25.89 0.75 0.00	24.79 0.73 0.00	25.82 0.80 0.00	26.31 0.82 0.00	27.01 0.83 0.00	27.42 0.99 0.00	34.38 1.38 0.00	42.03 1.57 0.00	53.23 1.96 0.00	47.36 1.47 0.00	41.76 1.38 0.00	41.80 1.23 0.00	39.89 1.25 0.00	39.80 1.32 0.00
NARROWS_GT1_1 24228	31.06 1.19 0.00	27.72 0.97 0.00	27.06 0.96 0.00	27.90 0.94 0.00	28.26 0.97 0.00	32.08 1.07 0.00	31.41 1.21 0.00	35.49 1.62 0.00	33.87 1.73 0.00	27.94 1.72 0.00	26.72 1.58 0.00	25.60 1.55 0.00	26.57 1.56 0.00	27.11 1.62 0.00	27.84 1.67 0.00	27.99 1.56 0.00	34.93 1.93 0.00	42.46 1.99 0.00	53.50 2.24 0.00	47.60 1.72 0.00	42.02 1.65 0.00	42.14 1.57 0.00	40.27 1.63 0.00	39.97 1.49 0.00
NARROWS_GT1_2 24229	31.06 1.19 0.00	27.72 0.97 0.00	27.06 0.96 0.00	27.90 0.94 0.00	28.26 0.97 0.00	32.08 1.07 0.00	31.41 1.21 0.00	35.49 1.62 0.00	33.87 1.73 0.00	27.94 1.72 0.00	26.72 1.58 0.00	25.60 1.55 0.00	26.57 1.56 0.00	27.11 1.62 0.00	27.84 1.67 0.00	27.99 1.56 0.00	34.93 1.93 0.00	42.46 1.99 0.00	53.50 2.24 0.00	47.60 1.72 0.00	42.02 1.65 0.00	42.14 1.57 0.00	40.27 1.63 0.00	39.97 1.49 0.00
NARROWS_GT1_3 24230	31.06 1.19 0.00	27.72 0.97 0.00	27.06 0.96 0.00	27.90 0.94 0.00	28.26 0.97 0.00	32.08 1.07 0.00	31.41 1.21 0.00	35.49 1.62 0.00	33.87 1.73 0.00	27.94 1.72 0.00	26.72 1.58 0.00	25.60 1.55 0.00	26.57 1.56 0.00	27.11 1.62 0.00	27.84 1.67 0.00	27.99 1.56 0.00	34.93 1.93 0.00	42.46 1.99 0.00	53.50 2.24 0.00	47.60 1.72 0.00	42.02 1.65 0.00	42.14 1.57 0.00	40.27 1.63 0.00	39.97 1.49 0.00
NARROWS_GT1_4 24231	31.06 1.19 0.00	27.72 0.97 0.00	27.06 0.96 0.00	27.90 0.94 0.00	28.26 0.97 0.00	32.08 1.07 0.00	31.41 1.21 0.00	35.49 1.62 0.00	33.87 1.73 0.00	27.94 1.72 0.00	26.72 1.58 0.00	25.60 1.55 0.00	26.57 1.56 0.00	27.11 1.62 0.00	27.84 1.67 0.00	27.99 1.56 0.00	34.93 1.93 0.00	42.46 1.99 0.00	53.50 2.24 0.00	47.60 1.72 0.00	42.02 1.65 0.00	42.14 1.57 0.00	40.27 1.63 0.00	39.97 1.49 0.00

NARROWS_GT1_5 24232	31.06 1.19 0.00	27.72 0.97 0.00	27.06 0.96 0.00	27.90 0.94 0.00	28.26 0.97 0.00	32.08 1.07 0.00	31.41 1.21 0.00	35.49 1.62 0.00	33.87 1.73 0.00	27.94 1.72 0.00	26.72 1.58 0.00	25.60 1.55 0.00	26.57 1.56 0.00	27.11 1.62 0.00	27.84 1.67 0.00	27.99 1.56 0.00	34.93 1.93 0.00	42.46 1.99 0.00	53.50 2.24 0.00	47.60 1.72 0.00	42.02 1.65 0.00	42.14 1.57 0.00	40.27 1.63 0.00	39.97 1.49 0.00
NARROWS_GT1_6 24233	31.06 1.19 0.00	27.72 0.97 0.00	27.06 0.96 0.00	27.90 0.94 0.00	28.26 0.97 0.00	32.08 1.07 0.00	31.41 1.21 0.00	35.49 1.62 0.00	33.87 1.73 0.00	27.94 1.72 0.00	26.72 1.58 0.00	25.60 1.55 0.00	26.57 1.56 0.00	27.11 1.62 0.00	27.84 1.67 0.00	27.99 1.56 0.00	34.93 1.93 0.00	42.46 1.99 0.00	53.50 2.24 0.00	47.60 1.72 0.00	42.02 1.65 0.00	42.14 1.57 0.00	40.27 1.63 0.00	39.97 1.49 0.00
NARROWS_GT1_7 24234	31.06 1.19 0.00	27.72 0.97 0.00	27.06 0.96 0.00	27.90 0.94 0.00	28.26 0.97 0.00	32.08 1.07 0.00	31.41 1.21 0.00	35.49 1.62 0.00	33.87 1.73 0.00	27.94 1.72 0.00	26.72 1.58 0.00	25.60 1.55 0.00	26.57 1.56 0.00	27.11 1.62 0.00	27.84 1.67 0.00	27.99 1.56 0.00	34.93 1.93 0.00	42.46 1.99 0.00	53.50 2.24 0.00	47.60 1.72 0.00	42.02 1.65 0.00	42.14 1.57 0.00	40.27 1.63 0.00	39.97 1.49 0.00
NARROWS_GT1_8 24235	31.06 1.19 0.00	27.72 0.97 0.00	27.06 0.96 0.00	27.90 0.94 0.00	28.26 0.97 0.00	32.08 1.07 0.00	31.41 1.21 0.00	35.49 1.62 0.00	33.87 1.73 0.00	27.94 1.72 0.00	26.72 1.58 0.00	25.60 1.55 0.00	26.57 1.56 0.00	27.11 1.62 0.00	27.84 1.67 0.00	27.99 1.56 0.00	34.93 1.93 0.00	42.46 1.99 0.00	53.50 2.24 0.00	47.60 1.72 0.00	42.02 1.65 0.00	42.14 1.57 0.00	40.27 1.63 0.00	39.97 1.49 0.00
NARROWS_GT2_1 24236	31.06 1.19 0.00	27.72 0.97 0.00	27.06 0.96 0.00	27.90 0.94 0.00	28.26 0.97 0.00	32.08 1.07 0.00	31.41 1.21 0.00	35.49 1.62 0.00	33.87 1.73 0.00	27.94 1.72 0.00	26.72 1.58 0.00	25.60 1.55 0.00	26.57 1.56 0.00	27.11 1.62 0.00	27.84 1.67 0.00	27.99 1.56 0.00	34.93 1.93 0.00	42.46 1.99 0.00	53.50 2.24 0.00	47.60 1.72 0.00	42.02 1.65 0.00	42.14 1.57 0.00	40.27 1.63 0.00	39.97 1.49 0.00
NARROWS_GT2_2 24237	31.06 1.19 0.00	27.72 0.97 0.00	27.06 0.96 0.00	27.90 0.94 0.00	28.26 0.97 0.00	32.08 1.07 0.00	31.41 1.21 0.00	35.49 1.62 0.00	33.87 1.73 0.00	27.94 1.72 0.00	26.72 1.58 0.00	25.60 1.55 0.00	26.57 1.56 0.00	27.11 1.62 0.00	27.84 1.67 0.00	27.99 1.56 0.00	34.93 1.93 0.00	42.46 1.99 0.00	53.50 2.24 0.00	47.60 1.72 0.00	42.02 1.65 0.00	42.14 1.57 0.00	40.27 1.63 0.00	39.97 1.49 0.00
NARROWS_GT2_3 24238	31.06 1.19 0.00	27.72 0.97 0.00	27.06 0.96 0.00	27.90 0.94 0.00	28.26 0.97 0.00	32.08 1.07 0.00	31.41 1.21 0.00	35.49 1.62 0.00	33.87 1.73 0.00	27.94 1.72 0.00	26.72 1.58 0.00	25.60 1.55 0.00	26.57 1.56 0.00	27.11 1.62 0.00	27.84 1.67 0.00	27.99 1.56 0.00	34.93 1.93 0.00	42.46 1.99 0.00	53.50 2.24 0.00	47.60 1.72 0.00	42.02 1.65 0.00	42.14 1.57 0.00	40.27 1.63 0.00	39.97 1.49 0.00
NARROWS_GT2_4 24239	31.06 1.19 0.00	27.72 0.97 0.00	27.06 0.96 0.00	27.90 0.94 0.00	28.26 0.97 0.00	32.08 1.07 0.00	31.41 1.21 0.00	35.49 1.62 0.00	33.87 1.73 0.00	27.94 1.72 0.00	26.72 1.58 0.00	25.60 1.55 0.00	26.57 1.56 0.00	27.11 1.62 0.00	27.84 1.67 0.00	27.99 1.56 0.00	34.93 1.93 0.00	42.46 1.99 0.00	53.50 2.24 0.00	47.60 1.72 0.00	42.02 1.65 0.00	42.14 1.57 0.00	40.27 1.63 0.00	39.97 1.49 0.00
NARROWS_GT2_5 24240	31.06 1.19 0.00	27.72 0.97 0.00	27.06 0.96 0.00	27.90 0.94 0.00	28.26 0.97 0.00	32.08 1.07 0.00	31.41 1.21 0.00	35.49 1.62 0.00	33.87 1.73 0.00	27.94 1.72 0.00	26.72 1.58 0.00	25.60 1.55 0.00	26.57 1.56 0.00	27.11 1.62 0.00	27.84 1.67 0.00	27.99 1.56 0.00	34.93 1.93 0.00	42.46 1.99 0.00	53.50 2.24 0.00	47.60 1.72 0.00	42.02 1.65 0.00	42.14 1.57 0.00	40.27 1.63 0.00	39.97 1.49 0.00
NARROWS_GT2_6 24241	31.06 1.19 0.00	27.72 0.97 0.00	27.06 0.96 0.00	27.90 0.94 0.00	28.26 0.97 0.00	32.08 1.07 0.00	31.41 1.21 0.00	35.49 1.62 0.00	33.87 1.73 0.00	27.94 1.72 0.00	26.72 1.58 0.00	25.60 1.55 0.00	26.57 1.56 0.00	27.11 1.62 0.00	27.84 1.67 0.00	27.99 1.56 0.00	34.93 1.93 0.00	42.46 1.99 0.00	53.50 2.24 0.00	47.60 1.72 0.00	42.02 1.65 0.00	42.14 1.57 0.00	40.27 1.63 0.00	39.97 1.49 0.00
NARROWS_GT2_7 24242	31.06 1.19 0.00	27.72 0.97 0.00	27.06 0.96 0.00	27.90 0.94 0.00	28.26 0.97 0.00	32.08 1.07 0.00	31.41 1.21 0.00	35.49 1.62 0.00	33.87 1.73 0.00	27.94 1.72 0.00	26.72 1.58 0.00	25.60 1.55 0.00	26.57 1.56 0.00	27.11 1.62 0.00	27.84 1.67 0.00	27.99 1.56 0.00	34.93 1.93 0.00	42.46 1.99 0.00	53.50 2.24 0.00	47.60 1.72 0.00	42.02 1.65 0.00	42.14 1.57 0.00	40.27 1.63 0.00	39.97 1.49 0.00
NARROWS_GT2_8 24243	31.06 1.19 0.00	27.72 0.97 0.00	27.06 0.96 0.00	27.90 0.94 0.00	28.26 0.97 0.00	32.08 1.07 0.00	31.41 1.21 0.00	35.49 1.62 0.00	33.87 1.73 0.00	27.94 1.72 0.00	26.72 1.58 0.00	25.60 1.55 0.00	26.57 1.56 0.00	27.11 1.62 0.00	27.84 1.67 0.00	27.99 1.56 0.00	34.93 1.93 0.00	42.46 1.99 0.00	53.50 2.24 0.00	47.60 1.72 0.00	42.02 1.65 0.00	42.14 1.57 0.00	40.27 1.63 0.00	39.97 1.49 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	31.14 1.27 0.00	27.84 1.10 0.00	27.14 1.04 0.00	28.03 1.07 0.00	28.46 1.16 0.00	32.39 1.38 0.00	31.70 1.49 0.00	35.77 1.89 0.00	33.86 1.72 0.00	27.27 1.05 0.00	25.87 0.73 0.00	24.74 0.68 0.00	25.73 0.71 0.00	26.20 0.71 0.00	26.88 0.70 0.00	27.37 0.94 0.00	34.57 1.58 0.00	42.83 2.37 0.00	54.47 3.20 0.00	48.50 2.62 0.00	42.60 2.23 0.00	42.57 2.00 0.00	40.49 1.85 0.00	40.30 1.82 0.00
NCHELSEA_115KV_TR2 355582	30.99 1.12 0.00	27.65 0.91 0.00	26.96 0.86 0.00	27.83 0.87 0.00	28.21 0.91 0.00	32.06 1.04 0.00	31.37 1.16 0.00	35.49 1.61 0.00	33.79 1.65 0.00	27.72 1.49 0.00	26.48 1.34 0.00	25.34 1.28 0.00	26.34 1.32 0.00	26.87 1.37 0.00	27.57 1.40 0.00	27.82 1.39 0.00	34.85 1.85 0.00	42.60 2.14 0.00	53.88 2.62 0.00	47.96 2.07 0.00	42.16 1.78 0.00	42.30 1.73 0.00	40.32 1.68 0.00	40.05 1.57 0.00
NEG CAPITAL___MECHNVIL 23645	31.19 1.32 0.00	27.91 1.16 0.00	27.19 1.09 0.00	28.06 1.10 0.00	28.50 1.20 0.00	32.42 1.41 0.00	31.69 1.48 0.00	35.78 1.90 0.00	33.89 1.75 0.00	27.48 1.25 0.00	26.20 1.06 0.00	25.08 1.02 0.00	26.15 1.14 0.00	26.62 1.14 0.00	27.35 1.18 0.00	27.77 1.35 0.00	34.93 1.94 0.00	42.80 2.34 0.00	54.23 2.96 0.00	48.25 2.37 0.00	42.43 2.06 0.00	42.45 1.88 0.00	40.50 1.86 0.00	40.36 1.88 0.00



NEG CENTRAL_HIGH_ACRES 23767	28.43 -1.44 0.00	25.50 -1.24 0.00	24.92 -1.19 0.00	25.93 -1.03 0.00	26.30 -1.00 0.00	29.96 -1.05 0.00	29.13 -1.08 0.00	32.63 -1.24 0.00	30.97 -1.18 0.00	25.26 -0.96 0.00	24.17 -0.98 0.00	23.19 -0.87 0.00	24.13 -0.89 0.00	24.74 -0.75 0.00	25.55 -0.62 0.00	25.60 -0.82 0.00	31.68 -1.32 0.00	38.98 -1.49 0.00	49.48 -1.78 0.00	44.51 -1.38 0.00	38.77 -1.61 0.00	38.65 -1.92 0.00	36.78 -1.86 0.00	36.69 -1.79 0.00
NEG CENTRAL___DRP 24199	29.33 -0.54 0.00	26.27 -0.47 0.00	25.65 -0.45 0.00	26.66 -0.30 0.00	27.05 -0.25 0.00	30.81 -0.20 0.00	29.99 -0.21 0.00	33.68 -0.19 0.00	31.91 -0.23 0.00	25.93 -0.29 0.00	24.73 -0.41 0.00	23.62 -0.43 0.00	24.63 -0.39 0.00	25.20 -0.30 0.00	25.99 -0.19 0.00	26.16 -0.27 0.00	32.58 -0.42 0.00	40.13 -0.34 0.00	50.95 -0.32 0.00	45.82 -0.06 0.00	40.05 -0.32 0.00	40.12 -0.45 0.00	38.04 -0.60 0.00	37.91 -0.56 0.00
NEG CENTRAL___INDECK 23768	29.61 -0.26 0.00	26.56 -0.18 0.00	25.99 -0.11 0.00	27.16 0.20 0.00	27.56 0.26 0.00	31.45 0.44 0.00	30.60 0.40 0.00	34.38 0.50 0.00	32.55 0.41 0.00	26.13 -0.09 0.00	24.98 -0.16 0.00	23.82 -0.24 0.00	24.80 -0.22 0.00	25.54 0.05 0.00	26.46 0.28 0.00	26.58 0.15 0.00	32.70 -0.30 0.00	40.46 -0.01 0.00	52.07 0.80 0.00	46.93 1.05 0.00	40.74 0.36 0.00	40.50 -0.07 0.00	38.53 -0.11 0.00	38.49 0.01 0.00
NEG CENTRAL___SENECA 23627	29.37 -0.51 0.00	26.28 -0.46 0.00	25.69 -0.41 0.00	26.74 -0.22 0.00	27.13 -0.17 0.00	30.91 -0.10 0.00	30.12 -0.08 0.00	33.84 -0.03 0.00	32.05 -0.10 0.00	26.02 -0.20 0.00	24.78 -0.37 0.00	23.67 -0.39 0.00	24.67 -0.35 0.00	25.27 -0.22 0.00	26.09 -0.08 0.00	26.26 -0.17 0.00	32.66 -0.34 0.00	40.23 -0.23 0.00	51.19 -0.08 0.00	46.09 0.21 0.00	40.20 -0.18 0.00	40.31 -0.26 0.00	38.21 -0.43 0.00	38.07 -0.41 0.00
NEG CENTRAL___STATE_STREET 24147	29.47 -0.40 0.00	26.47 -0.27 0.00	25.76 -0.34 0.00	26.78 -0.18 0.00	27.15 -0.15 0.00	30.94 -0.07 0.00	29.99 -0.21 0.00	33.73 -0.14 0.00	31.97 -0.18 0.00	26.02 -0.20 0.00	24.87 -0.27 0.00	23.70 -0.36 0.00	24.79 -0.23 0.00	25.30 -0.19 0.00	26.05 -0.12 0.00	26.17 -0.26 0.00	32.74 -0.26 0.00	40.32 -0.14 0.00	50.93 -0.34 0.00	45.83 -0.05 0.00	40.17 -0.20 0.00	40.19 -0.38 0.00	38.04 -0.59 0.00	37.92 -0.56 0.00
NEG MILLWOOD___DRP 24198	31.04 1.17 0.00	27.70 0.96 0.00	27.00 0.90 0.00	27.86 0.90 0.00	28.24 0.94 0.00	32.10 1.09 0.00	31.42 1.21 0.00	35.54 1.67 0.00	33.86 1.72 0.00	27.81 1.59 0.00	26.58 1.44 0.00	25.45 1.39 0.00	26.44 1.42 0.00	26.96 1.47 0.00	27.66 1.49 0.00	27.91 1.48 0.00	34.93 1.93 0.00	42.66 2.20 0.00	53.95 2.68 0.00	48.01 2.12 0.00	42.23 1.85 0.00	42.36 1.79 0.00	40.39 1.75 0.00	40.10 1.62 0.00
NEG NORTH_FLCN_SEA 23793	30.75 0.88 0.00	27.72 0.98 0.00	27.06 0.96 0.00	27.87 0.91 0.00	28.29 0.99 0.00	32.12 1.11 0.00	31.15 0.94 0.00	34.42 0.54 0.00	32.42 0.27 0.00	2.75 -0.01 23.47	25.24 0.10 0.00	24.21 0.15 0.00	25.11 0.08 0.00	2.20 0.00 23.29	-21.29 -0.09 47.37	-21.34 -0.13 47.64	32.97 -0.03 0.00	40.33 -0.14 0.00	51.57 0.30 0.00	46.23 0.35 0.00	41.23 0.85 0.00	42.15 1.58 0.00	40.29 1.66 0.00	40.42 1.94 0.00
NEG NORTH_KES_CHATEGAY 23792	30.29 0.41 0.00	27.22 0.48 0.00	26.58 0.48 0.00	27.33 0.36 0.00	27.55 0.25 0.00	31.30 0.29 0.00	30.27 0.06 0.00	33.54 -0.34 0.00	31.68 -0.47 0.00	0.94 -0.55 24.73	24.74 -0.40 0.00	23.66 -0.40 0.00	24.54 -0.49 0.00	0.37 -0.57 24.55	-24.37 -0.61 49.93	-24.32 -0.53 50.22	32.51 -0.50 0.00	39.95 -0.52 0.00	51.40 0.13 0.00	46.21 0.32 0.00	41.07 0.70 0.00	41.72 1.15 0.00	39.83 1.19 0.00	39.78 1.30 0.00
NEG NORTH___ALICE_FALLS 23915	30.80 0.93 0.00	27.74 1.00 0.00	27.09 0.98 0.00	27.88 0.92 0.00	28.26 0.96 0.00	32.09 1.08 0.00	31.12 0.91 0.00	34.43 0.56 0.00	32.47 0.33 0.00	2.61 0.06 23.67	25.26 0.12 0.00	24.24 0.18 0.00	25.13 0.11 0.00	2.02 0.02 23.49	-21.63 -0.03 47.77	-21.64 -0.02 48.05	33.14 0.14 0.00	40.61 0.14 0.00	52.07 0.80 0.00	46.72 0.84 0.00	41.61 1.24 0.00	42.42 1.85 0.00	40.50 1.86 0.00	40.57 2.09 0.00
NEG NORTH___LWR_SARANAC 23913	30.80 0.93 0.00	27.74 1.00 0.00	27.09 0.98 0.00	27.88 0.92 0.00	28.26 0.96 0.00	32.09 1.08 0.00	31.12 0.91 0.00	34.43 0.56 0.00	32.47 0.33 0.00	2.61 0.06 23.67	25.26 0.12 0.00	24.24 0.18 0.00	25.13 0.11 0.00	2.02 0.02 23.49	-21.63 -0.03 47.77	-21.64 -0.02 48.05	33.14 0.14 0.00	40.61 0.14 0.00	52.07 0.80 0.00	46.72 0.84 0.00	41.61 1.24 0.00	42.42 1.85 0.00	40.50 1.86 0.00	40.57 2.09 0.00
NEG NORTH___PLATTSBURG 23628	30.80 0.93 0.00	27.74 1.00 0.00	27.09 0.98 0.00	27.88 0.92 0.00	28.26 0.96 0.00	32.09 1.08 0.00	31.12 0.91 0.00	34.44 0.56 0.00	32.47 0.33 0.00	2.61 0.06 23.67	25.26 0.12 0.00	24.24 0.18 0.00	25.13 0.11 0.00	2.02 0.02 23.49	-21.63 -0.03 47.77	-21.64 -0.02 48.05	33.14 0.14 0.00	40.61 0.14 0.00	52.07 0.80 0.00	46.72 0.84 0.00	41.61 1.23 0.00	42.42 1.85 0.00	40.50 1.86 0.00	40.57 2.09 0.00
NEG WEST_LEA_LOCKPORT 23791	28.18 -1.69 0.00	25.38 -1.36 0.00	24.85 -1.25 0.00	26.08 -0.88 0.00	26.43 -0.87 0.00	30.11 -0.90 0.00	29.17 -1.03 0.00	32.50 -1.37 0.00	30.86 -1.28 0.00	25.31 -0.91 0.00	24.18 -0.96 0.00	23.27 -0.79 0.00	24.17 -0.85 0.00	24.83 -0.66 0.00	25.76 -0.42 0.00	25.61 -0.81 0.00	31.27 -1.73 0.00	38.33 -2.13 0.00	48.69 -2.57 0.00	44.08 -1.80 0.00	38.08 -2.29 0.00	37.81 -2.76 0.00	36.18 -2.46 0.00	36.35 -2.13 0.00
NEG WEST___LANCASTER 23811	28.79 -1.09 0.00	25.84 -0.90 0.00	25.32 -0.79 0.00	26.52 -0.44 0.00	26.87 -0.43 0.00	30.64 -0.37 0.00	29.73 -0.48 0.00	33.32 -0.56 0.00	31.64 -0.51 0.00	25.96 -0.26 0.00	24.78 -0.37 0.00	23.79 -0.27 0.00	24.68 -0.34 0.00	25.34 -0.15 0.00	26.25 0.08 0.00	26.17 -0.25 0.00	32.17 -0.83 0.00	39.42 -1.04 0.00	50.16 -1.11 0.00	45.35 -0.53 0.00	39.26 -1.12 0.00	39.18 -1.39 0.00	37.37 -1.27 0.00	37.43 -1.04 0.00
NEG_PENN_ALLEGHNY 23528	29.60 -0.27 0.00	26.45 -0.29 0.00	25.84 -0.27 0.00	26.82 -0.14 0.00	27.19 -0.11 0.00	30.94 -0.07 0.00	30.16 -0.04 0.00	33.90 0.02 0.00	32.14 -0.01 0.00	26.25 0.03 0.00	25.09 -0.05 0.00	24.00 -0.06 0.00	24.96 -0.06 0.00	25.47 -0.02 0.00	26.20 0.03 0.00	26.39 -0.03 0.00	32.97 -0.03 0.00	40.47 0.00 0.00	51.36 0.09 0.00	46.09 0.20 0.00	40.35 -0.02 0.00	40.55 -0.02 0.00	38.55 -0.09 0.00	38.37 -0.10 0.00
NEG___GEN_MONROE 24207	28.97 -0.91 0.00	26.02 -0.72 0.00	25.42 -0.68 0.00	26.63 -0.33 0.00	26.94 -0.36 0.00	30.70 -0.31 0.00	29.81 -0.40 0.00	33.31 -0.57 0.00	31.61 -0.54 0.00	25.76 -0.46 0.00	24.63 -0.51 0.00	23.60 -0.46 0.00	24.60 -0.42 0.00	25.24 -0.25 0.00	26.16 -0.01 0.00	26.11 -0.32 0.00	32.19 -0.81 0.00	39.63 -0.84 0.00	50.41 -0.86 0.00	45.44 -0.44 0.00	39.49 -0.89 0.00	39.29 -1.28 0.00	37.41 -1.23 0.00	37.37 -1.11 0.00

NEPA__ENERGY 23901	28.58 -1.29 0.00	25.59 -1.15 0.00	25.09 -1.02 0.00	26.31 -0.65 0.00	26.66 -0.64 0.00	30.39 -0.62 0.00	29.52 -0.69 0.00	33.17 -0.70 0.00	31.47 -0.68 0.00	25.86 -0.36 0.00	24.61 -0.54 0.00	23.59 -0.47 0.00	24.46 -0.56 0.00	25.08 -0.40 0.00	26.03 -0.14 0.00	25.95 -0.48 0.00	32.01 -0.99 0.00	39.22 -1.25 0.00	50.01 -1.26 0.00	45.25 -0.63 0.00	39.19 -1.19 0.00	39.31 -1.26 0.00	37.42 -1.22 0.00	37.46 -1.02 0.00
NEVERSink__HYD 23608	31.09 1.22 0.00	27.74 0.99 0.00	27.05 0.95 0.00	27.93 0.97 0.00	28.30 1.00 0.00	32.17 1.16 0.00	31.46 1.25 0.00	35.50 1.63 0.00	33.84 1.69 0.00	27.70 1.48 0.00	26.44 1.30 0.00	25.25 1.19 0.00	26.22 1.20 0.00	26.73 1.24 0.00	27.44 1.27 0.00	27.67 1.24 0.00	34.70 1.70 0.00	42.63 2.16 0.00	54.02 2.76 0.00	48.19 2.31 0.00	42.35 1.97 0.00	42.49 1.92 0.00	40.47 1.83 0.00	40.17 1.69 0.00
NEWKRMKL_115KV_TB1 55635	30.37 0.49 0.00	27.15 0.41 0.00	26.47 0.37 0.00	27.32 0.36 0.00	27.72 0.42 0.00	31.51 0.50 0.00	30.80 0.60 0.00	34.71 0.84 0.00	32.93 0.78 0.00	26.83 0.61 0.00	25.65 0.50 0.00	24.59 0.53 0.00	25.57 0.55 0.00	26.05 0.57 0.00	26.71 0.54 0.00	27.07 0.64 0.00	33.95 0.96 0.00	41.56 1.10 0.00	52.58 1.31 0.00	46.84 0.96 0.00	41.25 0.88 0.00	41.32 0.74 0.00	39.38 0.75 0.00	39.24 0.76 0.00
NEWTON__FALLS_HYD 23847	30.65 0.78 0.00	27.57 0.82 0.00	27.04 0.94 0.00	27.88 0.92 0.00	28.15 0.85 0.00	31.68 0.67 0.00	30.69 0.49 0.00	34.29 0.42 0.00	32.55 0.41 0.00	28.78 0.16 -2.41	25.17 0.03 0.00	23.85 -0.21 0.00	24.60 -0.42 0.00	27.46 -0.42 -2.39	30.91 -0.12 -4.86	31.39 0.07 -4.88	33.33 0.33 0.00	41.15 0.68 0.00	52.61 1.34 0.00	47.29 1.41 0.00	41.93 1.55 0.00	42.29 1.72 0.00	40.15 1.51 0.00	39.92 1.44 0.00
NGRID_A1_DSASP 323792	27.78 -2.09 0.00	25.11 -1.63 0.00	24.60 -1.50 0.00	25.82 -1.14 0.00	26.17 -1.13 0.00	29.82 -1.20 0.00	28.85 -1.35 0.00	32.03 -1.84 0.00	30.42 -1.73 0.00	24.97 -1.25 0.00	23.89 -1.25 0.00	23.03 -1.03 0.00	23.87 -1.15 0.00	24.54 -0.95 0.00	25.44 -0.73 0.00	25.30 -1.13 0.00	30.86 -2.14 0.00	37.73 -2.74 0.00	47.86 -3.40 0.00	43.35 -2.53 0.00	37.44 -2.94 0.00	37.16 -3.41 0.00	35.60 -3.04 0.00	35.80 -2.68 0.00
NGRID_A2_DSASP 323793	27.78 -2.09 0.00	25.11 -1.63 0.00	24.60 -1.50 0.00	25.82 -1.14 0.00	26.17 -1.13 0.00	29.82 -1.20 0.00	28.85 -1.35 0.00	32.03 -1.84 0.00	30.42 -1.73 0.00	24.97 -1.25 0.00	23.89 -1.25 0.00	23.03 -1.03 0.00	23.87 -1.15 0.00	24.54 -0.95 0.00	25.44 -0.73 0.00	25.30 -1.13 0.00	30.86 -2.14 0.00	37.73 -2.74 0.00	47.86 -3.40 0.00	43.35 -2.53 0.00	37.44 -2.94 0.00	37.16 -3.41 0.00	35.60 -3.04 0.00	35.80 -2.68 0.00
NGRID_A4_DSASP 323807	27.78 -2.09 0.00	25.11 -1.63 0.00	24.60 -1.50 0.00	25.82 -1.14 0.00	26.17 -1.13 0.00	29.82 -1.20 0.00	28.85 -1.35 0.00	32.03 -1.84 0.00	30.42 -1.73 0.00	24.97 -1.25 0.00	23.89 -1.25 0.00	23.03 -1.03 0.00	23.87 -1.15 0.00	24.54 -0.95 0.00	25.44 -0.73 0.00	25.30 -1.13 0.00	30.86 -2.14 0.00	37.73 -2.74 0.00	47.86 -3.40 0.00	43.35 -2.53 0.00	37.44 -2.94 0.00	37.16 -3.41 0.00	35.60 -3.04 0.00	35.80 -2.68 0.00
NIAGARA_115E_LBMP 323715	27.79 -2.08 0.00	25.05 -1.69 0.00	24.52 -1.58 0.00	25.74 -1.21 0.00	26.09 -1.21 0.00	29.71 -1.31 0.00	28.77 -1.43 0.00	31.97 -1.91 0.00	30.35 -1.80 0.00	24.93 -1.29 0.00	23.82 -1.32 0.00	22.94 -1.12 0.00	23.80 -1.22 0.00	24.46 -1.03 0.00	25.37 -0.81 0.00	25.23 -1.20 0.00	30.73 -2.27 0.00	37.62 -2.84 0.00	47.76 -3.51 0.00	43.24 -2.64 0.00	37.37 -3.01 0.00	37.09 -3.48 0.00	35.53 -3.11 0.00	35.72 -2.76 0.00
NIAGARA_115W_LBMP 323714	27.73 -2.14 0.00	25.08 -1.67 0.00	24.56 -1.54 0.00	25.78 -1.18 0.00	26.13 -1.17 0.00	29.76 -1.25 0.00	28.81 -1.40 0.00	31.97 -1.91 0.00	30.35 -1.79 0.00	24.92 -1.30 0.00	23.84 -1.30 0.00	22.98 -1.08 0.00	23.82 -1.20 0.00	24.48 -1.01 0.00	25.39 -0.79 0.00	25.25 -1.18 0.00	30.79 -2.20 0.00	37.64 -2.82 0.00	47.76 -3.51 0.00	43.25 -2.63 0.00	37.36 -3.02 0.00	37.08 -3.49 0.00	35.52 -3.11 0.00	35.73 -2.75 0.00
NIAGARA_230_LBMP 323716	27.90 -1.97 0.00	25.13 -1.61 0.00	24.61 -1.49 0.00	25.82 -1.14 0.00	26.16 -1.14 0.00	29.81 -1.20 0.00	28.85 -1.35 0.00	32.18 -1.69 0.00	30.58 -1.57 0.00	25.10 -1.12 0.00	24.01 -1.14 0.00	23.12 -0.94 0.00	23.97 -1.05 0.00	24.63 -0.86 0.00	25.54 -0.63 0.00	25.41 -1.02 0.00	31.04 -1.96 0.00	37.99 -2.48 0.00	48.21 -3.06 0.00	43.65 -2.23 0.00	37.71 -2.66 0.00	37.45 -3.13 0.00	35.83 -2.81 0.00	36.03 -2.45 0.00
NIAGARA__115KV_198_GIBSON 55903	27.73 -2.14 0.00	25.08 -1.67 0.00	24.56 -1.54 0.00	25.78 -1.18 0.00	26.13 -1.17 0.00	29.76 -1.25 0.00	28.81 -1.40 0.00	31.97 -1.90 0.00	30.36 -1.79 0.00	24.92 -1.30 0.00	23.86 -1.28 0.00	22.98 -1.08 0.00	23.83 -1.19 0.00	24.47 -1.02 0.00	25.39 -0.79 0.00	25.26 -1.17 0.00	30.80 -2.20 0.00	37.64 -2.82 0.00	47.76 -3.51 0.00	43.25 -2.63 0.00	37.36 -3.02 0.00	37.08 -3.49 0.00	35.52 -3.11 0.00	35.73 -2.75 0.00
NIAGARA____ 23760	27.90 -1.97 0.00	25.13 -1.61 0.00	24.61 -1.49 0.00	25.82 -1.14 0.00	26.16 -1.14 0.00	29.81 -1.20 0.00	28.85 -1.35 0.00	32.18 -1.69 0.00	30.58 -1.57 0.00	25.10 -1.12 0.00	24.01 -1.14 0.00	23.12 -0.94 0.00	23.97 -1.05 0.00	24.63 -0.86 0.00	25.54 -0.63 0.00	25.41 -1.02 0.00	31.04 -1.96 0.00	37.99 -2.48 0.00	48.21 -3.06 0.00	43.65 -2.23 0.00	37.71 -2.66 0.00	37.45 -3.13 0.00	35.83 -2.81 0.00	36.03 -2.45 0.00
NINE_MILE_1 23575	28.79 -1.08 0.00	25.78 -0.96 0.00	25.17 -0.93 0.00	26.06 -0.90 0.00	26.39 -0.91 0.00	30.01 -1.00 0.00	29.19 -1.02 0.00	32.63 -1.25 0.00	30.94 -1.20 0.00	25.26 -0.96 0.00	24.25 -0.89 0.00	23.22 -0.84 0.00	24.14 -0.88 0.00	24.62 -0.86 0.00	25.31 -0.86 0.00	25.51 -0.92 0.00	31.77 -1.23 0.00	39.03 -1.44 0.00	49.45 -1.82 0.00	44.31 -1.58 0.00	38.94 -1.44 0.00	38.99 -1.58 0.00	37.10 -1.53 0.00	36.94 -1.54 0.00
NINE_MILE_2 23744	28.80 -1.08 0.00	25.79 -0.96 0.00	25.17 -0.93 0.00	26.06 -0.90 0.00	26.40 -0.90 0.00	30.01 -1.00 0.00	29.19 -1.01 0.00	32.63 -1.25 0.00	30.94 -1.20 0.00	25.26 -0.96 0.00	24.25 -0.89 0.00	23.22 -0.84 0.00	24.15 -0.87 0.00	24.62 -0.86 0.00	25.31 -0.86 0.00	25.52 -0.92 0.00	31.77 -1.23 0.00	39.03 -1.44 0.00	49.45 -1.82 0.00	44.31 -1.58 0.00	38.94 -1.44 0.00	38.99 -1.58 0.00	37.10 -1.53 0.00	36.94 -1.54 0.00
NM_CAPITAL__DRP 24208	30.42 0.54 0.00	27.19 0.45 0.00	26.51 0.41 0.00	27.35 0.39 0.00	27.76 0.46 0.00	31.56 0.55 0.00	30.85 0.64 0.00	34.77 0.90 0.00	32.99 0.84 0.00	26.88 0.66 0.00	25.68 0.54 0.00	24.62 0.56 0.00	25.60 0.59 0.00	26.10 0.61 0.00	26.76 0.59 0.00	27.12 0.69 0.00	33.99 0.99 0.00	41.59 1.13 0.00	52.64 1.37 0.00	46.87 0.99 0.00	41.30 0.92 0.00	41.37 0.80 0.00	39.44 0.80 0.00	39.31 0.83 0.00

NM_CENTRAL___DRP 24181	29.27 -0.61 0.00	26.19 -0.55 0.00	25.57 -0.53 0.00	26.49 -0.47 0.00	26.85 -0.45 0.00	30.53 -0.48 0.00	29.73 -0.48 0.00	33.29 -0.59 0.00	31.57 -0.58 0.00	25.74 -0.48 0.00	24.69 -0.46 0.00	23.62 -0.44 0.00	24.58 -0.44 0.00	25.09 -0.40 0.00	25.81 -0.37 0.00	26.03 -0.41 0.00	32.44 -0.56 0.00	39.84 -0.62 0.00	50.53 -0.74 0.00	45.27 -0.62 0.00	39.71 -0.67 0.00	39.75 -0.82 0.00	37.81 -0.82 0.00	37.63 -0.84 0.00
NM_FRONTIER___DRP 24179	27.73 -2.14 0.00	25.08 -1.67 0.00	24.56 -1.54 0.00	25.78 -1.18 0.00	26.13 -1.17 0.00	29.76 -1.25 0.00	28.81 -1.40 0.00	31.97 -1.90 0.00	30.36 -1.79 0.00	24.92 -1.30 0.00	23.86 -1.28 0.00	22.98 -1.08 0.00	23.83 -1.19 0.00	24.47 -1.02 0.00	25.39 -0.79 0.00	25.26 -1.17 0.00	30.80 -2.20 0.00	37.64 -2.82 0.00	47.76 -3.51 0.00	43.25 -2.63 0.00	37.36 -3.02 0.00	37.08 -3.49 0.00	35.52 -3.11 0.00	35.73 -2.75 0.00
NM_ST_REGIS___HYD 24053	30.90 1.02 0.00	27.75 1.01 0.00	27.13 1.03 0.00	27.90 0.94 0.00	28.14 0.84 0.00	31.86 0.85 0.00	30.90 0.69 0.00	34.45 0.57 0.00	32.65 0.51 0.00	32.37 0.21 -5.94	25.35 0.21 0.00	24.20 0.15 0.00	25.02 0.00 0.00	31.40 0.02 -5.90	38.32 0.16 -11.99	38.75 0.26 -12.05	33.42 0.42 0.00	41.15 0.69 0.00	52.54 1.27 0.00	47.26 1.38 0.00	41.82 1.44 0.00	42.37 1.79 0.00	40.28 1.64 0.00	40.13 1.66 0.00
NORTHPORT___1 23551	30.88 1.01 0.00	27.61 0.87 0.00	26.91 0.81 0.00	27.66 0.70 0.00	28.07 0.77 0.00	31.98 0.96 0.00	31.21 1.00 0.00	35.41 1.53 0.00	33.57 1.43 0.00	27.68 1.46 0.00	26.53 1.39 0.00	25.38 1.32 0.00	26.34 1.32 0.00	26.81 1.32 0.00	27.51 1.50 0.16	27.16 1.29 0.55	34.47 1.47 0.00	41.93 1.46 0.00	52.68 1.42 0.00	47.04 1.16 0.00	41.56 1.19 0.00	41.76 1.19 0.00	40.31 1.81 0.14	39.94 1.74 0.29
NORTHPORT___2 23552	30.88 1.01 0.00	27.61 0.87 0.00	26.91 0.81 0.00	27.66 0.70 0.00	28.07 0.77 0.00	31.98 0.96 0.00	31.21 1.00 0.00	35.41 1.53 0.00	33.57 1.43 0.00	27.68 1.46 0.00	26.53 1.39 0.00	25.38 1.32 0.00	26.34 1.32 0.00	26.81 1.32 0.00	27.51 1.50 0.16	27.16 1.29 0.55	34.47 1.47 0.00	41.93 1.46 0.00	52.68 1.42 0.00	47.04 1.16 0.00	41.56 1.19 0.00	41.76 1.19 0.00	40.31 1.81 0.14	39.94 1.74 0.29
NORTHPORT___3 23553	30.72 0.84 0.00	27.46 0.71 0.00	26.76 0.65 0.00	27.52 0.56 0.00	27.91 0.61 0.00	31.78 0.77 0.00	31.01 0.81 0.00	35.19 1.32 0.00	33.37 1.23 0.00	27.50 1.29 0.00	26.40 1.26 0.00	25.25 1.19 0.00	26.21 1.20 0.00	26.69 1.20 0.00	27.35 1.36 0.18	26.99 1.18 0.62	34.27 1.28 0.00	41.54 1.07 0.00	52.01 0.75 0.01	46.39 0.51 0.00	40.96 0.58 0.00	41.22 0.65 0.00	39.76 1.27 0.15	39.31 1.15 0.32
NORTHPORT___4 23650	30.72 0.84 0.00	27.46 0.71 0.00	26.76 0.65 0.00	27.52 0.56 0.00	27.91 0.61 0.00	31.78 0.77 0.00	31.01 0.81 0.00	35.19 1.32 0.00	33.37 1.23 0.00	27.50 1.29 0.00	26.40 1.26 0.00	25.25 1.19 0.00	26.21 1.20 0.00	26.69 1.20 0.00	27.35 1.36 0.18	26.99 1.18 0.62	34.27 1.28 0.00	41.54 1.07 0.00	52.01 0.75 0.01	46.39 0.51 0.00	40.96 0.58 0.00	41.22 0.65 0.00	39.76 1.27 0.15	39.31 1.15 0.32
NORTHPORT___IC 23718	30.88 1.01 0.00	27.60 0.86 0.00	26.91 0.80 0.00	27.66 0.70 0.00	28.06 0.77 0.00	31.98 0.97 0.00	31.21 1.00 0.00	35.41 1.53 0.00	33.57 1.43 0.00	27.69 1.47 0.00	26.54 1.39 0.00	25.38 1.32 0.00	26.34 1.32 0.00	26.81 1.32 0.00	27.51 1.50 0.16	27.16 1.29 0.55	34.46 1.47 0.00	41.93 1.46 0.00	52.68 1.42 0.00	47.04 1.16 0.00	41.56 1.19 0.00	41.76 1.19 0.00	40.31 1.81 0.14	39.93 1.74 0.29
NORTH___COUNTRY_ESR 323785	30.21 0.33 0.00	27.14 0.40 0.00	26.51 0.41 0.00	27.25 0.29 0.00	27.47 0.17 0.00	31.21 0.19 0.00	30.18 -0.02 0.00	33.43 -0.44 0.00	31.61 -0.54 0.00	0.86 -0.60 24.76	24.69 -0.46 0.00	23.58 -0.48 0.00	24.46 -0.56 0.00	0.30 -0.60 24.58	-24.47 -0.65 49.99	-24.45 -0.61 50.27	32.42 -0.58 0.00	39.85 -0.62 0.00	51.24 -0.03 0.00	46.08 0.20 0.00	40.97 0.59 0.00	41.61 1.04 0.00	39.73 1.09 0.00	39.69 1.22 0.00
NPX_GEN_1385_PROXY 323591	31.07 1.20 0.00	27.66 0.92 0.00	26.96 0.86 0.00	27.72 0.76 0.00	28.13 0.83 0.00	32.35 1.33 0.00	31.55 1.35 0.00	35.85 1.98 0.00	33.99 1.84 0.00	27.94 1.72 0.00	26.49 1.35 0.00	25.30 1.24 0.00	26.29 1.27 0.00	26.59 1.10 0.00	27.53 1.52 0.16	27.24 1.37 0.55	35.18 2.18 0.00	42.48 2.02 0.00	52.61 1.35 0.00	47.22 1.34 0.00	42.18 1.80 0.00	41.75 1.18 0.00	40.44 1.94 0.14	39.12 2.10 1.45
NPX_GEN_CSC 323557	30.95 1.08 0.00	27.65 0.91 0.00	26.95 0.85 0.00	27.67 0.71 0.00	28.09 0.79 0.00	32.03 1.02 0.00	31.34 1.13 0.00	35.61 1.74 0.00	33.82 1.67 0.00	27.87 1.65 0.00	26.67 1.52 0.00	25.52 1.46 0.00	26.47 1.45 0.00	26.95 1.46 0.00	27.66 1.63 0.14	27.44 1.49 0.47	34.80 1.80 0.00	42.46 2.00 0.00	53.40 2.14 0.00	47.72 1.84 0.00	42.08 1.71 0.00	42.27 1.70 0.00	40.64 2.12 0.12	39.01 1.94 1.41
NSINS_S___GLNS_FALLS 23858	31.60 1.73 0.00	28.30 1.56 0.00	27.56 1.45 0.00	28.36 1.40 0.00	28.90 1.60 0.00	32.89 1.88 0.00	32.17 1.97 0.00	36.41 2.54 0.00	34.46 2.32 0.00	27.82 1.60 0.00	26.51 1.37 0.00	25.39 1.33 0.00	26.51 1.49 0.00	26.94 1.45 0.00	27.74 1.56 0.00	28.17 1.74 0.00	35.55 2.55 0.00	43.53 3.06 0.00	55.16 3.90 0.00	48.97 3.09 0.00	42.92 2.54 0.00	42.88 2.31 0.00	41.07 2.43 0.00	40.92 2.44 0.00
NUCOR_STEEL___DRP 24197	29.45 -0.42 0.00	26.46 -0.28 0.00	25.74 -0.36 0.00	26.76 -0.20 0.00	27.13 -0.17 0.00	30.92 -0.09 0.00	29.96 -0.24 0.00	33.70 -0.18 0.00	31.94 -0.20 0.00	26.01 -0.21 0.00	24.87 -0.27 0.00	23.70 -0.36 0.00	24.79 -0.24 0.00	25.30 -0.19 0.00	26.04 -0.13 0.00	26.15 -0.28 0.00	32.72 -0.29 0.00	40.29 -0.17 0.00	50.87 -0.40 0.00	45.78 -0.10 0.00	40.13 -0.24 0.00	40.14 -0.43 0.00	37.99 -0.64 0.00	37.87 -0.61 0.00
NUMBER_THREE_WT_PWR 323818	30.33 0.46 0.00	27.34 0.59 0.00	26.92 0.82 0.00	27.82 0.86 0.00	28.11 0.81 0.00	31.45 0.44 0.00	30.42 0.21 0.00	34.00 0.12 0.00	32.30 0.16 0.00	27.33 0.06 -1.05	24.99 -0.15 0.00	23.48 -0.58 0.00	24.19 -0.83 0.00	25.65 -0.88 -1.04	27.77 -0.52 -2.11	28.29 -0.27 -2.12	33.11 0.11 0.00	40.91 0.45 0.00	52.56 1.29 0.00	47.20 1.32 0.00	42.02 1.64 0.00	42.25 1.68 0.00	40.09 1.45 0.00	39.85 1.37 0.00
NYISO_LBMP_REFERENCE 24008	29.87 0.00 0.00	26.74 0.00 0.00	26.10 0.00 0.00	26.96 0.00 0.00	27.30 0.00 0.00	31.01 0.00 0.00	30.21 0.00 0.00	33.88 0.00 0.00	32.14 0.00 0.00	26.22 0.00 0.00	25.14 0.00 0.00	24.06 0.00 0.00	25.02 0.00 0.00	25.49 0.00 0.00	26.17 0.00 0.00	26.43 0.00 0.00	33.00 0.00 0.00	40.46 0.00 0.00	51.27 0.00 0.00	45.88 0.00 0.00	40.38 0.00 0.00	40.57 0.00 0.00	38.64 0.00 0.00	38.48 0.00 0.00

NYPA_BRENTWD____GT 24164	31.13 1.26 0.00	27.81 1.07 0.00	27.11 1.00 0.00	27.86 0.90 0.00	28.27 0.97 0.00	32.21 1.20 0.00	31.45 1.24 0.00	35.71 1.83 0.00	33.88 1.74 0.00	27.93 1.71 0.00	26.74 1.59 0.00	25.56 1.50 0.00	26.52 1.50 0.00	27.00 1.52 0.00	27.75 1.70 0.11	27.58 1.55 0.39	34.85 1.85 0.00	42.47 2.00 0.00	53.28 2.01 0.00	47.62 1.74 0.00	42.08 1.71 0.00	42.26 1.69 0.00	40.73 2.19 0.10	40.29 2.02 0.21
NYPA_GOWANUS____GT5 24156	31.06 1.19 0.00	27.72 0.97 0.00	27.06 0.96 0.00	27.90 0.94 0.00	28.26 0.97 0.00	32.08 1.07 0.00	31.41 1.21 0.00	35.49 1.62 0.00	33.87 1.73 0.00	27.94 1.72 0.00	26.72 1.58 0.00	25.60 1.55 0.00	26.57 1.56 0.00	27.11 1.62 0.00	27.84 1.67 0.00	27.99 1.56 0.00	34.93 1.93 0.00	42.45 1.99 0.00	53.50 2.23 0.00	47.59 1.71 0.00	42.01 1.64 0.00	42.14 1.57 0.00	40.27 1.63 0.00	39.97 1.49 0.00
NYPA_GOWANUS____GT6 24157	31.06 1.19 0.00	27.72 0.97 0.00	27.06 0.96 0.00	27.90 0.94 0.00	28.26 0.97 0.00	32.08 1.07 0.00	31.41 1.21 0.00	35.49 1.62 0.00	33.87 1.73 0.00	27.94 1.72 0.00	26.72 1.58 0.00	25.60 1.55 0.00	26.57 1.56 0.00	27.11 1.62 0.00	27.84 1.67 0.00	27.99 1.56 0.00	34.93 1.93 0.00	42.45 1.99 0.00	53.50 2.23 0.00	47.59 1.71 0.00	42.01 1.64 0.00	42.14 1.57 0.00	40.27 1.63 0.00	39.97 1.49 0.00
NYPA_HARLEM__RVR__GT1 24160	30.79 0.93 0.01	27.50 0.76 0.00	26.78 0.68 0.00	27.61 0.66 0.00	27.96 0.67 0.02	31.73 0.73 0.02	31.05 0.86 0.02	35.12 1.25 0.00	33.48 1.34 0.01	27.69 1.47 0.00	26.46 1.32 0.00	25.34 1.28 0.00	26.27 1.25 0.00	26.81 1.32 0.00	27.55 1.38 0.00	27.66 1.24 0.00	34.56 1.56 0.00	42.11 1.64 0.00	53.13 1.87 0.01	47.29 1.41 0.00	41.76 1.39 0.00	41.87 1.30 0.00	39.97 1.33 0.00	39.71 1.23 0.00
NYPA_HARLEM__RVR__GT2 24161	30.79 0.93 0.01	27.50 0.76 0.00	26.78 0.68 0.00	27.61 0.66 0.00	27.96 0.67 0.02	31.73 0.73 0.02	31.05 0.86 0.02	35.12 1.25 0.00	33.48 1.34 0.01	27.69 1.47 0.00	26.46 1.32 0.00	25.34 1.28 0.00	26.27 1.25 0.00	26.81 1.32 0.00	27.55 1.38 0.00	27.66 1.24 0.00	34.56 1.56 0.00	42.11 1.64 0.00	53.13 1.87 0.01	47.29 1.41 0.00	41.76 1.39 0.00	41.87 1.30 0.00	39.97 1.33 0.00	39.71 1.23 0.00
NYPA_KENT____GT 24152	31.00 1.12 0.00	27.66 0.92 0.00	27.00 0.90 0.00	27.83 0.87 0.00	28.20 0.90 0.00	32.01 0.99 0.00	31.33 1.12 0.00	35.40 1.52 0.00	33.78 1.64 0.00	27.87 1.65 0.00	26.66 1.51 0.00	25.55 1.49 0.00	26.52 1.50 0.00	27.06 1.56 0.00	27.79 1.61 0.00	27.95 1.52 0.00	34.87 1.87 0.00	42.37 1.91 0.00	53.39 2.12 0.00	47.50 1.62 0.00	41.92 1.55 0.00	42.08 1.51 0.00	40.20 1.56 0.00	39.90 1.42 0.00
NYPA_POUCH1____GT 24155	31.05 1.18 0.00	27.72 0.98 0.00	27.18 1.08 0.00	28.07 1.10 -0.01	28.43 1.13 -0.01	32.26 1.25 -0.01	31.56 1.35 0.00	35.64 1.76 0.00	34.01 1.86 0.00	28.03 1.81 0.00	26.79 1.64 0.00	25.65 1.59 0.00	26.61 1.59 0.00	27.14 1.66 0.00	27.88 1.71 0.00	27.98 1.55 0.00	34.92 1.92 0.00	42.41 1.94 0.00	53.32 2.05 0.00	47.46 1.58 0.00	41.96 1.58 0.00	42.01 1.44 0.00	40.22 1.58 0.00	39.93 1.45 0.00
NYPA_VERNON____GT2 24162	30.93 1.06 0.00	27.61 0.87 0.00	26.93 0.83 0.00	27.76 0.80 0.00	28.13 0.83 0.00	31.92 0.91 0.00	31.25 1.05 0.00	35.32 1.44 0.00	33.69 1.55 0.00	27.81 1.59 0.00	26.60 1.46 0.00	25.50 1.44 0.00	26.46 1.44 0.00	27.00 1.51 0.00	27.73 1.56 0.00	27.90 1.47 0.00	34.82 1.82 0.00	42.33 1.86 0.00	53.32 2.05 0.00	47.45 1.57 0.00	41.85 1.48 0.00	42.03 1.46 0.00	40.11 1.47 0.00	39.83 1.36 0.00
NYPA_VERNON____GT3 24163	30.93 1.06 0.00	27.61 0.87 0.00	26.93 0.83 0.00	27.76 0.80 0.00	28.13 0.83 0.00	31.92 0.91 0.00	31.25 1.05 0.00	35.32 1.44 0.00	33.69 1.55 0.00	27.81 1.59 0.00	26.60 1.46 0.00	25.50 1.44 0.00	26.46 1.44 0.00	27.00 1.51 0.00	27.73 1.56 0.00	27.90 1.47 0.00	34.82 1.82 0.00	42.33 1.86 0.00	53.32 2.05 0.00	47.45 1.57 0.00	41.85 1.48 0.00	42.03 1.46 0.00	40.11 1.47 0.00	39.83 1.36 0.00
NYPA__ASTORIA_CC1 323568	30.90 1.03 0.00	27.57 0.83 0.00	26.91 0.80 0.00	27.73 0.77 0.00	28.10 0.80 0.00	31.88 0.87 0.00	31.21 1.00 0.00	35.26 1.39 0.00	33.65 1.50 0.00	27.78 1.56 0.00	26.57 1.43 0.00	25.47 1.41 0.00	26.43 1.41 0.00	26.97 1.48 0.00	27.69 1.52 0.00	27.86 1.43 0.00	34.75 1.75 0.00	42.26 1.80 0.00	53.24 1.97 0.00	47.37 1.48 0.00	41.78 1.41 0.00	41.95 1.38 0.00	40.04 1.40 0.00	39.76 1.28 0.00
NYPA__ASTORIA_CC2 323569	30.90 1.03 0.00	27.57 0.83 0.00	26.91 0.80 0.00	27.73 0.77 0.00	28.10 0.80 0.00	31.88 0.87 0.00	31.21 1.00 0.00	35.26 1.39 0.00	33.65 1.50 0.00	27.78 1.56 0.00	26.57 1.43 0.00	25.47 1.41 0.00	26.43 1.41 0.00	26.97 1.48 0.00	27.69 1.52 0.00	27.86 1.43 0.00	34.75 1.75 0.00	42.26 1.80 0.00	53.24 1.97 0.00	47.37 1.48 0.00	41.78 1.41 0.00	41.95 1.38 0.00	40.04 1.40 0.00	39.76 1.28 0.00
NYPA__HOLTSVILL 23794	30.93 1.06 0.00	27.64 0.90 0.00	26.94 0.84 0.00	27.67 0.71 0.00	28.08 0.79 0.00	32.00 0.99 0.00	31.27 1.06 0.00	35.53 1.65 0.00	33.71 1.57 0.00	27.79 1.57 0.00	26.60 1.46 0.00	25.45 1.39 0.00	26.40 1.38 0.00	26.87 1.38 0.00	27.57 1.54 0.14	27.32 1.37 0.48	34.61 1.61 0.00	42.18 1.72 0.00	52.99 1.72 0.00	47.33 1.45 0.00	41.77 1.40 0.00	41.97 1.40 0.00	40.41 1.89 0.12	39.95 1.73 0.25
NYPA__HELLGATE_GT1 24158	30.80 0.93 0.00	27.50 0.76 0.00	26.78 0.68 0.00	27.61 0.66 0.00	27.97 0.67 0.00	31.74 0.73 0.00	31.07 0.86 0.00	35.12 1.25 0.00	33.49 1.34 0.00	27.69 1.47 0.00	26.46 1.32 0.00	25.34 1.28 0.00	26.27 1.25 0.00	26.81 1.32 0.00	27.55 1.38 0.00	27.66 1.24 0.00	34.56 1.56 0.00	42.12 1.66 0.00	53.21 1.95 0.00	47.36 1.48 0.00	41.77 1.40 0.00	41.87 1.30 0.00	39.97 1.33 0.00	39.71 1.23 0.00
NYPA__HELLGATE_GT2 24159	30.80 0.93 0.00	27.50 0.76 0.00	26.78 0.68 0.00	27.61 0.66 0.00	27.97 0.67 0.00	31.74 0.73 0.00	31.07 0.86 0.00	35.12 1.25 0.00	33.49 1.34 0.00	27.69 1.47 0.00	26.46 1.32 0.00	25.34 1.28 0.00	26.27 1.25 0.00	26.81 1.32 0.00	27.55 1.38 0.00	27.66 1.24 0.00	34.56 1.56 0.00	42.12 1.66 0.00	53.21 1.95 0.00	47.36 1.48 0.00	41.77 1.40 0.00	41.87 1.30 0.00	39.97 1.33 0.00	39.71 1.23 0.00
NYS_BARGE__HYD 23848	28.21 -1.67 0.00	25.40 -1.34 0.00	24.87 -1.23 0.00	26.09 -0.86 0.00	26.45 -0.85 0.00	30.14 -0.88 0.00	29.20 -1.01 0.00	32.51 -1.37 0.00	30.87 -1.27 0.00	25.31 -0.91 0.00	24.17 -0.98 0.00	23.26 -0.80 0.00	24.17 -0.85 0.00	24.85 -0.64 0.00	25.77 -0.41 0.00	25.60 -0.82 0.00	31.26 -1.74 0.00	38.33 -2.13 0.00	48.70 -2.56 0.00	44.09 -1.80 0.00	38.11 -2.27 0.00	37.82 -2.75 0.00	36.19 -2.45 0.00	36.35 -2.13 0.00

OAK ORCHARD___HYD 24046	28.81 -1.06 0.00	25.86 -0.88 0.00	25.28 -0.82 0.00	26.35 -0.61 0.00	26.71 -0.59 0.00	30.42 -0.59 0.00	29.56 -0.65 0.00	33.09 -0.79 0.00	31.41 -0.73 0.00	25.63 -0.59 0.00	24.54 -0.61 0.00	23.55 -0.51 0.00	24.51 -0.52 0.00	25.14 -0.35 0.00	25.99 -0.18 0.00	25.98 -0.45 0.00	32.08 -0.92 0.00	39.45 -1.02 0.00	50.10 -1.17 0.00	45.14 -0.75 0.00	39.26 -1.12 0.00	39.09 -1.48 0.00	37.23 -1.41 0.00	37.18 -1.30 0.00
OAKDALE___35_KV_LOAD 356122	29.52 -0.35 0.00	26.38 -0.36 0.00	25.77 -0.33 0.00	26.75 -0.21 0.00	27.11 -0.19 0.00	30.85 -0.16 0.00	30.07 -0.13 0.00	33.79 -0.08 0.00	32.02 -0.12 0.00	26.17 -0.05 0.00	25.03 -0.12 0.00	23.94 -0.12 0.00	24.90 -0.12 0.00	25.40 -0.09 0.00	26.13 -0.04 0.00	26.32 -0.12 0.00	32.85 -0.15 0.00	40.33 -0.14 0.00	51.15 -0.12 0.00	45.90 0.02 0.00	40.20 -0.18 0.00	40.40 -0.18 0.00	38.42 -0.22 0.00	38.24 -0.23 0.00
OCC_CHEM___DRP 24175	27.78 -2.09 0.00	25.12 -1.63 0.00	24.60 -1.50 0.00	25.82 -1.14 0.00	26.17 -1.13 0.00	29.81 -1.20 0.00	28.85 -1.35 0.00	32.04 -1.84 0.00	30.42 -1.72 0.00	24.97 -1.25 0.00	23.91 -1.23 0.00	23.03 -1.03 0.00	23.88 -1.14 0.00	24.53 -0.96 0.00	25.44 -0.73 0.00	25.32 -1.12 0.00	30.87 -2.13 0.00	37.73 -2.74 0.00	47.87 -3.40 0.00	43.35 -2.53 0.00	37.44 -2.94 0.00	37.15 -3.42 0.00	35.60 -3.04 0.00	35.80 -2.67 0.00
OH_GEN_PROXY 24063	27.93 -1.94 0.00	25.15 -1.60 0.00	24.63 -1.48 0.00	25.83 -1.13 0.00	26.18 -1.12 0.00	29.82 -1.20 0.00	28.88 -1.33 0.00	32.24 -1.63 0.00	30.64 -1.51 0.00	25.14 -1.08 0.00	24.05 -1.10 0.00	23.15 -0.91 0.00	24.00 -1.02 0.00	24.66 -0.83 0.00	25.56 -0.61 0.00	25.45 -0.99 0.00	31.12 -1.88 0.00	38.10 -2.36 0.00	48.37 -2.90 0.00	43.77 -2.12 0.00	25.76 -2.55 12.06	37.58 -2.99 0.00	35.94 -2.70 0.00	34.92 -2.40 1.17
OLIN_CORP_DRP 24177	27.83 -2.05 0.00	25.09 -1.66 0.00	24.56 -1.54 0.00	25.77 -1.19 0.00	26.13 -1.17 0.00	29.75 -1.26 0.00	28.81 -1.39 0.00	32.04 -1.84 0.00	30.42 -1.73 0.00	24.97 -1.25 0.00	23.88 -1.26 0.00	22.99 -1.07 0.00	23.86 -1.16 0.00	24.51 -0.98 0.00	25.41 -0.76 0.00	25.30 -1.13 0.00	30.81 -2.19 0.00	37.72 -2.74 0.00	47.87 -3.39 0.00	43.35 -2.54 0.00	37.45 -2.93 0.00	37.17 -3.40 0.00	35.61 -3.03 0.00	35.79 -2.69 0.00
OLIN_CORP_DSASP 323712	27.78 -2.09 0.00	25.11 -1.63 0.00	24.60 -1.50 0.00	25.82 -1.14 0.00	26.17 -1.13 0.00	29.82 -1.20 0.00	28.85 -1.35 0.00	32.03 -1.84 0.00	30.42 -1.73 0.00	24.97 -1.25 0.00	23.89 -1.25 0.00	23.03 -1.03 0.00	23.87 -1.15 0.00	24.54 -0.95 0.00	25.44 -0.73 0.00	25.30 -1.13 0.00	30.86 -2.14 0.00	37.73 -2.74 0.00	47.86 -3.40 0.00	43.35 -2.53 0.00	37.44 -2.94 0.00	37.16 -3.41 0.00	35.60 -3.04 0.00	35.80 -2.68 0.00
ONEIDA_HERK_LFGE 323681	30.37 0.49 0.00	27.26 0.52 0.00	26.70 0.60 0.00	27.60 0.64 0.00	27.93 0.63 0.00	31.57 0.56 0.00	30.70 0.49 0.00	34.43 0.56 0.00	32.66 0.51 0.00	27.04 0.34 -0.48	25.37 0.23 0.00	24.12 0.06 0.00	25.02 0.01 0.00	25.88 -0.08 -0.48	27.28 0.14 -0.97	27.68 0.28 -0.97	33.58 0.59 0.00	41.29 0.83 0.00	52.67 1.41 0.00	47.15 1.26 0.00	41.65 1.27 0.00	41.79 1.22 0.00	39.69 1.06 0.00	39.50 1.02 0.00
ONEIDA___115KV_TB4 55905	30.32 0.44 0.00	27.14 0.40 0.00	26.52 0.42 0.00	27.42 0.46 0.00	27.81 0.51 0.00	31.63 0.62 0.00	30.86 0.66 0.00	34.65 0.78 0.00	32.82 0.68 0.00	26.63 0.41 0.00	25.44 0.30 0.00	24.33 0.27 0.00	25.42 0.40 0.00	25.75 0.26 0.00	26.62 0.44 0.00	26.96 0.54 0.00	33.82 0.82 0.00	41.45 0.98 0.00	52.71 1.45 0.00	47.12 1.24 0.00	41.41 1.04 0.00	41.49 0.92 0.00	39.44 0.80 0.00	39.24 0.76 0.00
ONONDAGA_REF_OCCRA 23987	29.46 -0.41 0.00	26.36 -0.39 0.00	25.73 -0.37 0.00	26.65 -0.31 0.00	27.02 -0.28 0.00	30.73 -0.28 0.00	29.93 -0.28 0.00	33.53 -0.35 0.00	31.79 -0.35 0.00	25.90 -0.31 0.00	24.82 -0.32 0.00	23.75 -0.31 0.00	24.71 -0.31 0.00	25.21 -0.28 0.00	25.94 -0.24 0.00	26.18 -0.25 0.00	32.67 -0.33 0.00	40.14 -0.32 0.00	50.93 -0.34 0.00	45.63 -0.25 0.00	40.03 -0.35 0.00	40.08 -0.49 0.00	38.10 -0.54 0.00	37.93 -0.55 0.00
ONONDAGA___COGEN 23986	29.41 -0.47 0.00	26.33 -0.42 0.00	25.69 -0.41 0.00	26.62 -0.34 0.00	26.98 -0.32 0.00	30.70 -0.31 0.00	29.87 -0.34 0.00	33.47 -0.41 0.00	31.73 -0.41 0.00	25.88 -0.35 0.00	24.80 -0.35 0.00	23.71 -0.35 0.00	24.68 -0.34 0.00	25.19 -0.30 0.00	25.91 -0.26 0.00	26.13 -0.30 0.00	32.61 -0.39 0.00	40.08 -0.39 0.00	50.78 -0.48 0.00	45.51 -0.37 0.00	39.94 -0.44 0.00	39.99 -0.59 0.00	37.99 -0.65 0.00	37.83 -0.65 0.00
ONTARIO___LFGE 23819	29.36 -0.51 0.00	26.28 -0.46 0.00	25.69 -0.41 0.00	26.74 -0.22 0.00	27.13 -0.17 0.00	30.91 -0.10 0.00	30.12 -0.08 0.00	33.84 -0.03 0.00	32.05 -0.10 0.00	26.02 -0.20 0.00	24.78 -0.37 0.00	23.67 -0.39 0.00	24.67 -0.35 0.00	25.27 -0.22 0.00	26.09 -0.08 0.00	26.25 -0.18 0.00	32.65 -0.34 0.00	40.24 -0.23 0.00	51.19 -0.08 0.00	46.09 0.21 0.00	40.20 -0.18 0.00	40.31 -0.26 0.00	38.21 -0.43 0.00	38.07 -0.41 0.00
ORANGEVILLE_WT_PWR 323706	28.47 -1.40 0.00	25.61 -1.14 0.00	25.10 -1.00 0.00	26.29 -0.67 0.00	26.67 -0.63 0.00	30.43 -0.58 0.00	29.54 -0.66 0.00	33.06 -0.82 0.00	31.27 -0.87 0.00	25.51 -0.71 0.00	24.41 -0.73 0.00	23.37 -0.68 0.00	24.32 -0.70 0.00	24.98 -0.51 0.00	25.81 -0.36 0.00	25.74 -0.69 0.00	31.62 -1.37 0.00	38.95 -1.51 0.00	49.64 -1.62 0.00	44.80 -1.08 0.00	38.77 -1.61 0.00	38.66 -1.91 0.00	36.89 -1.75 0.00	37.06 -1.41 0.00
ORANGEVILLE___ESR 323794	28.47 -1.40 0.00	25.61 -1.14 0.00	25.10 -1.00 0.00	26.29 -0.67 0.00	26.67 -0.63 0.00	30.43 -0.58 0.00	29.54 -0.66 0.00	33.06 -0.82 0.00	31.27 -0.87 0.00	25.51 -0.71 0.00	24.41 -0.73 0.00	23.37 -0.68 0.00	24.32 -0.70 0.00	24.98 -0.51 0.00	25.81 -0.36 0.00	25.74 -0.69 0.00	31.62 -1.37 0.00	38.95 -1.51 0.00	49.64 -1.62 0.00	44.80 -1.08 0.00	38.77 -1.61 0.00	38.66 -1.91 0.00	36.89 -1.75 0.00	37.06 -1.41 0.00
OSWEGATCHIE___HYD 24044	30.65 0.78 0.00	27.57 0.82 0.00	27.04 0.94 0.00	27.88 0.92 0.00	28.15 0.85 0.00	31.68 0.67 0.00	30.69 0.49 0.00	34.29 0.42 0.00	32.55 0.40 0.00	28.78 0.16 -2.41	25.17 0.03 0.00	23.85 -0.21 0.00	24.60 -0.42 0.00	27.46 -0.42 -2.39	30.91 -0.12 -4.86	31.39 0.07 -4.88	33.33 0.33 0.00	41.15 0.68 0.00	52.60 1.34 0.00	47.29 1.41 0.00	41.93 1.55 0.00	42.29 1.72 0.00	40.14 1.50 0.00	39.92 1.44 0.00
OSWEGO___5 23606	28.99 -0.88 0.00	25.96 -0.78 0.00	25.34 -0.76 0.00	26.23 -0.73 0.00	26.58 -0.72 0.00	30.23 -0.79 0.00	29.40 -0.81 0.00	32.89 -0.98 0.00	31.20 -0.95 0.00	25.46 -0.76 0.00	24.43 -0.71 0.00	23.38 -0.68 0.00	24.32 -0.70 0.00	24.80 -0.69 0.00	25.50 -0.67 0.00	25.71 -0.72 0.00	32.03 -0.97 0.00	39.34 -1.13 0.00	49.86 -1.41 0.00	44.68 -1.20 0.00	39.24 -1.13 0.00	39.31 -1.26 0.00	37.41 -1.23 0.00	37.24 -1.24 0.00

OSWEGO___6 23613	28.99 -0.88 0.00	25.96 -0.78 0.00	25.34 -0.76 0.00	26.23 -0.73 0.00	26.58 -0.72 0.00	30.23 -0.79 0.00	29.40 -0.81 0.00	32.89 -0.98 0.00	31.20 -0.95 0.00	25.46 -0.76 0.00	24.43 -0.71 0.00	23.38 -0.68 0.00	24.32 -0.70 0.00	24.80 -0.69 0.00	25.50 -0.67 0.00	25.71 -0.72 0.00	32.03 -0.97 0.00	39.34 -1.13 0.00	49.86 -1.41 0.00	44.68 -1.20 0.00	39.24 -1.13 0.00	39.31 -1.26 0.00	37.41 -1.23 0.00	37.24 -1.24 0.00
OUTOKUMPU-AB___DRP 24206	28.39 -1.48 0.00	25.60 -1.14 0.00	25.07 -1.03 0.00	26.30 -0.66 0.00	26.67 -0.63 0.00	30.38 -0.63 0.00	29.44 -0.77 0.00	32.78 -1.09 0.00	31.13 -1.01 0.00	25.54 -0.68 0.00	24.41 -0.73 0.00	23.49 -0.57 0.00	24.39 -0.63 0.00	25.06 -0.43 0.00	25.98 -0.19 0.00	25.85 -0.58 0.00	31.57 -1.42 0.00	38.67 -1.79 0.00	49.13 -2.14 0.00	44.48 -1.41 0.00	38.45 -1.93 0.00	38.18 -2.39 0.00	36.52 -2.12 0.00	36.69 -1.79 0.00
OXBOW___BTM 323836	28.14 -1.73 0.00	25.40 -1.34 0.00	24.88 -1.22 0.00	26.10 -0.85 0.00	26.47 -0.84 0.00	30.16 -0.86 0.00	29.20 -1.00 0.00	32.47 -1.41 0.00	30.83 -1.31 0.00	25.30 -0.92 0.00	24.19 -0.95 0.00	23.31 -0.75 0.00	24.18 -0.84 0.00	24.85 -0.64 0.00	25.77 -0.41 0.00	25.62 -0.81 0.00	31.29 -1.71 0.00	38.28 -2.19 0.00	48.61 -2.65 0.00	44.00 -1.88 0.00	38.03 -2.34 0.00	37.76 -2.81 0.00	36.13 -2.51 0.00	36.31 -2.17 0.00
OXBOW____ 24026	28.14 -1.73 0.00	25.40 -1.34 0.00	24.88 -1.22 0.00	26.10 -0.85 0.00	26.46 -0.84 0.00	30.15 -0.86 0.00	29.20 -1.00 0.00	32.47 -1.40 0.00	30.84 -1.31 0.00	25.31 -0.92 0.00	24.21 -0.93 0.00	23.30 -0.75 0.00	24.18 -0.84 0.00	24.84 -0.65 0.00	25.77 -0.41 0.00	25.63 -0.79 0.00	31.29 -1.71 0.00	38.28 -2.19 0.00	48.61 -2.65 0.00	44.00 -1.88 0.00	38.03 -2.35 0.00	37.75 -2.82 0.00	36.13 -2.51 0.00	36.31 -2.17 0.00
OXY_CHEM_DSASP 323612	27.78 -2.09 0.00	25.12 -1.63 0.00	24.60 -1.50 0.00	25.82 -1.14 0.00	26.17 -1.13 0.00	29.81 -1.20 0.00	28.85 -1.35 0.00	32.04 -1.84 0.00	30.42 -1.72 0.00	24.97 -1.25 0.00	23.91 -1.23 0.00	23.03 -1.03 0.00	23.88 -1.14 0.00	24.53 -0.96 0.00	25.44 -0.73 0.00	25.32 -1.12 0.00	30.87 -2.13 0.00	37.73 -2.74 0.00	47.87 -3.40 0.00	43.35 -2.53 0.00	37.44 -2.94 0.00	37.15 -3.42 0.00	35.60 -3.04 0.00	35.80 -2.67 0.00
OZONE_PARK_ESR 323760	31.12 1.25 0.00	27.76 1.01 0.00	27.07 0.97 0.00	27.90 0.95 0.00	28.26 0.96 0.00	32.10 1.09 0.00	31.42 1.21 0.00	35.53 1.65 0.00	33.89 1.75 0.00	27.94 1.72 0.00	26.73 1.59 0.00	25.63 1.58 0.00	26.62 1.60 0.00	27.15 1.66 0.00	27.88 1.71 0.00	28.07 1.64 0.00	35.04 2.05 0.00	42.65 2.18 0.00	53.79 2.53 0.00	47.87 1.99 0.00	42.15 1.78 0.00	42.33 1.77 0.00	40.42 1.78 0.00	40.11 1.63 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	27.78 -2.09 0.00	25.12 -1.63 0.00	24.60 -1.50 0.00	25.82 -1.14 0.00	26.17 -1.13 0.00	29.81 -1.20 0.00	28.85 -1.35 0.00	32.04 -1.84 0.00	30.42 -1.72 0.00	24.97 -1.25 0.00	23.91 -1.23 0.00	23.03 -1.03 0.00	23.88 -1.14 0.00	24.53 -0.96 0.00	25.44 -0.73 0.00	25.32 -1.12 0.00	30.87 -2.13 0.00	37.73 -2.74 0.00	47.87 -3.40 0.00	43.35 -2.53 0.00	37.44 -2.94 0.00	37.15 -3.42 0.00	35.60 -3.04 0.00	35.80 -2.67 0.00
PACKARD__115KV_DUPONT_184 80571	27.78 -2.09 0.00	25.12 -1.63 0.00	24.60 -1.50 0.00	25.82 -1.14 0.00	26.17 -1.13 0.00	29.81 -1.20 0.00	28.85 -1.35 0.00	32.04 -1.84 0.00	30.42 -1.72 0.00	24.97 -1.25 0.00	23.91 -1.23 0.00	23.03 -1.03 0.00	23.88 -1.14 0.00	24.53 -0.96 0.00	25.44 -0.73 0.00	25.32 -1.12 0.00	30.87 -2.13 0.00	37.73 -2.74 0.00	47.87 -3.40 0.00	43.35 -2.53 0.00	37.44 -2.94 0.00	37.15 -3.42 0.00	35.60 -3.04 0.00	35.80 -2.67 0.00
PARKCHTR_I38_KV_TB2S_REV_LBMP_J 345007	30.90 1.02 0.00	27.57 0.83 0.00	26.85 0.75 0.00	27.69 0.73 0.00	28.05 0.75 0.00	31.84 0.83 0.00	31.16 0.95 0.00	35.22 1.35 0.00	33.57 1.43 0.00	27.72 1.50 0.00	26.51 1.36 0.00	25.37 1.32 0.00	26.32 1.30 0.00	26.86 1.37 0.00	27.59 1.42 0.00	27.73 1.30 0.00	34.65 1.65 0.00	42.23 1.76 0.00	53.30 2.03 0.00	47.44 1.56 0.00	41.85 1.48 0.00	41.94 1.37 0.00	40.03 1.39 0.00	39.76 1.29 0.00
PARKCHTR_I3_KV_CPCTY_REV_LBMP_J 345019	30.96 1.08 0.00	27.66 0.92 0.00	26.93 0.83 0.00	27.74 0.78 0.00	28.08 0.78 0.00	31.93 0.92 0.00	31.17 0.96 0.00	35.25 1.38 0.00	33.58 1.43 0.00	27.73 1.51 0.00	26.51 1.37 0.00	25.38 1.32 0.00	26.33 1.31 0.00	26.86 1.37 0.00	27.59 1.42 0.00	27.73 1.31 0.00	34.65 1.65 0.00	42.24 1.77 0.00	53.30 2.04 0.00	47.50 1.62 0.00	41.86 1.48 0.00	41.94 1.37 0.00	40.03 1.39 0.00	39.77 1.29 0.00
PATROON__115KV_TB1 80586	30.45 0.58 0.00	27.22 0.48 0.00	26.54 0.44 0.00	27.39 0.43 0.00	27.79 0.49 0.00	31.59 0.58 0.00	30.89 0.68 0.00	34.80 0.93 0.00	33.02 0.87 0.00	26.90 0.68 0.00	25.71 0.57 0.00	24.65 0.59 0.00	25.64 0.61 0.00	26.13 0.64 0.00	26.79 0.61 0.00	27.15 0.72 0.00	34.06 1.06 0.00	41.69 1.22 0.00	52.74 1.47 0.00	46.98 1.10 0.00	41.37 1.00 0.00	41.43 0.86 0.00	39.49 0.85 0.00	39.34 0.87 0.00
PATTRSNVILLE__SOLAR 323815	30.80 0.93 0.00	27.57 0.82 0.00	26.89 0.79 0.00	27.78 0.83 0.00	28.18 0.88 0.00	32.03 1.01 0.00	31.26 1.05 0.00	35.17 1.30 0.00	33.23 1.08 0.00	26.80 0.58 0.00	25.58 0.43 0.00	24.47 0.42 0.00	25.59 0.57 0.00	26.00 0.51 0.00	26.65 0.48 0.00	27.05 0.62 0.00	34.13 1.13 0.00	42.07 1.61 0.00	53.31 2.04 0.00	47.61 1.73 0.00	41.84 1.46 0.00	41.96 1.39 0.00	39.97 1.33 0.00	39.78 1.30 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	28.76 -1.11 0.00	25.84 -0.90 0.00	25.31 -0.79 0.00	26.53 -0.43 0.00	26.88 -0.42 0.00	30.65 -0.36 0.00	29.73 -0.48 0.00	33.29 -0.58 0.00	31.61 -0.53 0.00	25.93 -0.29 0.00	24.75 -0.40 0.00	23.77 -0.29 0.00	24.67 -0.35 0.00	25.33 -0.16 0.00	26.26 0.09 0.00	26.16 -0.27 0.00	32.09 -0.90 0.00	39.36 -1.11 0.00	50.10 -1.17 0.00	45.31 -0.57 0.00	39.21 -1.17 0.00	39.07 -1.50 0.00	37.28 -1.36 0.00	37.36 -1.12 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	31.04 1.17 0.00	27.70 0.96 0.00	27.00 0.90 0.00	27.86 0.90 0.00	28.24 0.94 0.00	32.10 1.09 0.00	31.42 1.21 0.00	35.54 1.67 0.00	33.86 1.72 0.00	27.81 1.59 0.00	26.58 1.44 0.00	25.45 1.39 0.00	26.44 1.42 0.00	26.96 1.47 0.00	27.66 1.49 0.00	27.91 1.48 0.00	34.93 1.93 0.00	42.66 2.20 0.00	53.95 2.68 0.00	48.01 2.12 0.00	42.23 1.85 0.00	42.36 1.79 0.00	40.39 1.75 0.00	40.10 1.62 0.00
PEEKSKILL____ 23653	30.72 0.85 0.00	27.41 0.67 0.00	26.73 0.63 0.00	27.58 0.62 0.00	27.94 0.64 0.00	31.76 0.75 0.00	31.06 0.85 0.00	35.09 1.22 0.00	33.44 1.30 0.00	27.50 1.28 0.00	26.30 1.15 0.00	25.18 1.12 0.00	26.16 1.14 0.00	26.69 1.20 0.00	27.40 1.23 0.00	27.60 1.17 0.00	34.50 1.50 0.00	42.07 1.61 0.00	53.15 1.88 0.00	47.30 1.42 0.00	41.61 1.24 0.00	41.78 1.21 0.00	39.87 1.24 0.00	39.63 1.15 0.00

PGE MADISON___WINDPWR 24146	31.40 1.53 0.00	27.97 1.23 0.00	27.31 1.21 0.00	28.60 1.64 0.00	29.09 1.79 0.00	33.13 2.12 0.00	32.53 2.32 0.00	36.71 2.83 0.00	34.58 2.44 0.00	27.81 1.59 0.00	26.29 1.14 0.00	24.99 0.93 0.00	26.06 1.04 0.00	26.67 1.18 0.00	27.43 1.26 0.00	27.82 1.39 0.00	35.21 2.21 0.00	43.67 3.21 0.00	55.52 4.26 0.00	49.90 4.02 0.00	43.59 3.21 0.00	43.51 2.94 0.00	41.25 2.61 0.00	40.87 2.39 0.00
PIERCEFIELD___HYD 23852	30.93 1.06 0.00	27.78 1.04 0.00	27.16 1.06 0.00	27.95 0.99 0.00	28.19 0.89 0.00	31.90 0.88 0.00	30.94 0.74 0.00	34.54 0.67 0.00	32.76 0.61 0.00	30.06 0.30 -3.55	25.42 0.27 0.00	24.25 0.20 0.00	25.06 0.04 0.00	29.07 0.06 -3.52	33.56 0.23 -7.16	33.98 0.35 -7.20	33.50 0.51 0.00	41.26 0.79 0.00	52.58 1.31 0.00	47.29 1.41 0.00	41.80 1.42 0.00	42.32 1.76 0.00	40.23 1.60 0.00	40.05 1.57 0.00
PINELAWN_CC_1 323563	31.01 1.14 0.00	27.69 0.95 0.00	26.99 0.89 0.00	27.75 0.79 0.00	28.15 0.85 0.00	32.05 1.04 0.00	31.34 1.13 0.00	35.57 1.69 0.00	33.74 1.60 0.00	27.78 1.56 0.00	26.60 1.45 0.00	25.43 1.37 0.00	26.39 1.37 0.00	26.88 1.39 0.00	27.73 1.56 0.00	27.88 1.45 0.00	34.74 1.74 0.00	42.32 1.85 0.00	53.24 1.98 0.00	47.49 1.61 0.00	41.89 1.51 0.00	42.10 1.53 0.00	40.61 1.97 0.00	40.26 1.78 0.00
PJM_GEN_HTP_PROXY 323702	30.85 0.98 0.00	27.53 0.78 0.00	26.85 0.75 0.00	27.69 0.73 0.00	28.05 0.75 0.00	31.86 0.85 0.00	31.18 0.97 0.00	35.25 1.38 0.00	33.61 1.46 0.00	27.63 1.47 0.05	26.49 1.34 0.00	25.39 1.33 0.00	26.36 1.35 0.00	26.89 1.41 0.00	27.61 1.44 0.00	27.80 1.37 0.00	34.72 1.72 0.00	42.26 1.79 0.00	51.30 2.04 2.01	47.61 1.53 -0.20	41.74 1.36 0.00	41.80 1.36 0.12	40.03 1.39 0.00	39.76 1.28 0.00
PJM_GEN_KEystone 24065	29.40 -0.48 0.00	26.26 -0.48 0.00	25.18 -0.45 0.48	26.67 -0.29 0.00	27.00 -0.30 0.00	30.73 -0.28 0.00	29.94 -0.27 0.00	33.73 -0.14 0.00	32.10 -0.04 0.00	26.34 0.18 0.05	25.18 0.04 0.00	24.10 0.04 0.00	25.00 -0.02 0.00	25.58 0.09 0.00	26.57 0.22 -0.17	26.46 0.03 0.00	32.89 -0.11 0.00	40.22 -0.25 0.00	49.02 -0.24 2.01	45.93 -0.16 -0.20	39.95 -0.43 0.00	40.00 -0.44 0.12	38.27 -0.36 0.00	38.14 -0.34 0.00
PJM_GEN_NEPTUNE_PROXY 323594	30.72 0.85 0.00	27.44 0.69 0.00	26.74 0.64 0.00	27.53 0.57 0.00	27.92 0.62 0.00	31.76 0.74 0.00	31.04 0.84 0.00	35.23 1.35 0.00	33.41 1.26 0.00	27.48 1.32 0.05	26.39 1.25 0.00	25.24 1.18 0.00	26.22 1.20 0.00	26.71 1.23 0.00	27.27 1.38 0.28	26.79 1.29 0.93	34.47 1.47 0.00	41.92 1.45 0.00	50.74 1.47 2.01	47.18 1.10 -0.20	41.42 1.05 0.00	41.52 1.07 0.13	39.93 1.53 0.23	39.31 1.30 0.47
PJM_GEN_VFT_PROXY 323633	30.75 0.87 0.00	27.42 0.68 0.00	26.72 0.62 0.00	27.56 0.60 0.00	27.91 0.61 0.00	31.71 0.70 0.00	31.03 0.83 0.00	35.06 1.18 0.00	33.45 1.31 0.00	27.51 1.35 0.05	26.38 1.23 0.00	25.29 1.23 0.00	26.25 1.23 0.00	26.78 1.29 0.00	27.50 1.33 0.00	27.68 1.25 0.00	34.56 1.56 0.00	42.02 1.56 0.00	51.03 1.77 2.01	47.38 1.29 -0.20	41.54 1.16 0.00	41.62 1.17 0.12	39.86 1.22 0.00	39.59 1.11 0.00
PLATSBURG_115KV_PMLD1 355749	30.73 0.86 0.00	27.70 0.96 0.00	27.04 0.94 0.00	27.85 0.89 0.00	28.27 0.97 0.00	32.09 1.08 0.00	31.12 0.92 0.00	34.39 0.52 0.00	32.40 0.25 0.00	2.74 -0.02 23.46	25.22 0.08 0.00	24.19 0.13 0.00	25.10 0.08 0.00	2.19 -0.01 23.29	-21.27 -0.08 47.36	-21.32 -0.11 47.63	33.01 0.01 0.00	40.38 -0.08 0.00	51.71 0.44 0.00	46.37 0.49 0.00	41.34 0.97 0.00	42.21 1.64 0.00	40.35 1.71 0.00	40.48 2.00 0.00
PLEASANTVLY___LBMP 24000	30.67 0.79 0.00	27.38 0.64 0.00	26.70 0.60 0.00	27.54 0.58 0.00	27.93 0.63 0.00	31.73 0.72 0.00	31.04 0.84 0.00	35.07 1.20 0.00	33.38 1.24 0.00	27.40 1.18 0.00	26.19 1.04 0.00	25.09 1.04 0.00	26.10 1.08 0.00	26.61 1.12 0.00	27.29 1.12 0.00	27.53 1.10 0.00	34.43 1.43 0.00	42.01 1.55 0.00	53.09 1.82 0.00	47.23 1.35 0.00	41.56 1.18 0.00	41.71 1.14 0.00	39.80 1.16 0.00	39.57 1.09 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	30.82 0.94 0.00	27.49 0.75 0.00	26.82 0.72 0.00	27.67 0.71 0.00	28.04 0.73 0.00	31.86 0.84 0.00	31.17 0.96 0.00	35.22 1.34 0.00	33.56 1.42 0.00	27.59 1.37 0.00	26.40 1.25 0.00	25.28 1.22 0.00	26.27 1.25 0.00	26.80 1.31 0.00	27.50 1.32 0.00	27.71 1.32 0.00	34.63 1.63 0.00	42.23 1.77 0.00	53.33 2.07 0.00	47.46 1.58 0.00	41.77 1.39 0.00	41.91 1.34 0.00	40.01 1.37 0.00	39.75 1.27 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	30.82 0.94 0.00	27.49 0.75 0.00	26.82 0.72 0.00	27.67 0.71 0.00	28.04 0.73 0.00	31.86 0.84 0.00	31.17 0.96 0.00	35.22 1.34 0.00	33.56 1.42 0.00	27.59 1.37 0.00	26.40 1.25 0.00	25.28 1.22 0.00	26.27 1.25 0.00	26.80 1.31 0.00	27.50 1.32 0.00	27.71 1.28 0.00	34.63 1.63 0.00	42.23 1.77 0.00	53.33 2.07 0.00	47.46 1.58 0.00	41.77 1.39 0.00	41.91 1.34 0.00	40.01 1.37 0.00	39.75 1.27 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	30.92 1.05 0.00	27.60 0.85 0.00	26.90 0.80 0.00	27.76 0.80 0.00	28.14 0.84 0.00	31.99 0.97 0.00	31.30 1.09 0.00	35.38 1.51 0.00	33.70 1.55 0.00	27.62 1.40 0.00	26.38 1.24 0.00	25.26 1.20 0.00	26.26 1.24 0.00	26.77 1.28 0.00	27.46 1.29 0.00	27.72 1.30 0.00	34.74 1.74 0.00	42.47 2.00 0.00	53.73 2.46 0.00	47.81 1.93 0.00	42.11 1.73 0.00	42.23 1.66 0.00	40.25 1.61 0.00	39.98 1.51 0.00
POLETTI___ 23519	30.82 0.94 0.00	27.50 0.75 0.00	26.83 0.73 0.00	27.65 0.69 0.00	28.01 0.71 0.00	31.80 0.79 0.00	31.12 0.91 0.00	35.17 1.30 0.00	33.56 1.42 0.00	27.70 1.48 0.00	26.49 1.34 0.00	25.41 1.35 0.00	26.38 1.36 0.00	26.90 1.41 0.00	27.61 1.43 0.00	27.80 1.37 0.00	34.69 1.69 0.00	42.18 1.72 0.00	53.19 1.92 0.00	47.31 1.43 0.00	41.67 1.30 0.00	41.87 1.30 0.00	39.97 1.33 0.00	39.69 1.22 0.00
POMONA___ESR 323819	30.73 0.86 0.00	27.41 0.67 0.00	26.73 0.63 0.00	27.60 0.64 0.00	27.91 0.62 0.00	31.69 0.68 0.00	30.97 0.76 0.00	34.97 1.10 0.00	33.34 1.20 0.00	27.42 1.21 0.00	26.21 1.07 0.00	25.06 1.01 0.00	26.02 1.00 0.00	26.58 1.09 0.00	27.31 1.14 0.00	27.51 1.08 0.00	34.37 1.37 0.00	41.94 1.48 0.00	53.05 1.78 0.00	47.22 1.34 0.00	41.50 1.13 0.00	41.68 1.11 0.00	39.78 1.14 0.00	39.55 1.07 0.00
PORT_JEFF_3 23555	31.01 1.14 0.00	27.72 0.97 0.00	27.01 0.91 0.00	27.74 0.78 0.00	28.15 0.85 0.00	32.08 1.07 0.00	31.35 1.15 0.00	35.62 1.74 0.00	33.81 1.66 0.00	27.86 1.64 0.00	26.67 1.52 0.00	25.50 1.44 0.00	26.46 1.44 0.00	26.94 1.45 0.00	27.64 1.61 0.14	27.42 1.46 0.47	34.74 1.74 0.00	42.35 1.89 0.00	53.14 1.87 0.00	47.55 1.66 0.00	41.94 1.57 0.00	42.14 1.57 0.00	40.55 2.03 0.12	40.08 1.85 0.25

PORT_JEFF_4 23616	31.01 1.14 0.00	27.72 0.97 0.00	27.01 0.91 0.00	27.74 0.78 0.00	28.15 0.85 0.00	32.08 1.07 0.00	31.35 1.15 0.00	35.62 1.74 0.00	33.81 1.66 0.00	27.86 1.64 0.00	26.67 1.52 0.00	25.50 1.44 0.00	26.46 1.44 0.00	26.94 1.45 0.00	27.64 1.61 0.14	27.42 1.46 0.47	34.74 1.74 0.00	42.35 1.89 0.00	53.14 1.87 0.00	47.55 1.66 0.00	41.94 1.57 0.00	42.14 1.57 0.00	40.55 2.03 0.12	40.08 1.85 0.25
PORT_JEFF_IC 23713	31.01 1.14 0.00	27.72 0.98 0.00	27.02 0.92 0.00	27.74 0.78 0.00	28.15 0.85 0.00	32.08 1.07 0.00	31.35 1.15 0.00	35.62 1.75 0.00	33.81 1.66 0.00	27.86 1.65 0.00	26.67 1.53 0.00	25.50 1.44 0.00	26.46 1.44 0.00	26.95 1.45 0.00	27.66 1.62 0.14	27.43 1.47 0.46	34.75 1.75 0.00	42.35 1.89 0.00	53.08 1.81 0.00	47.56 1.68 0.00	41.95 1.58 0.00	42.15 1.58 0.00	40.55 2.03 0.11	40.09 1.85 0.24
PPL_PILGRIM_ST_GT1 24216	31.13 1.26 0.00	27.81 1.07 0.00	27.11 1.00 0.00	27.86 0.90 0.00	28.27 0.97 0.00	32.21 1.20 0.00	31.45 1.24 0.00	35.71 1.83 0.00	33.88 1.74 0.00	27.93 1.71 0.00	26.74 1.59 0.00	25.56 1.50 0.00	26.52 1.50 0.00	27.00 1.52 0.00	27.75 1.70 0.11	27.58 1.55 0.39	34.85 1.85 0.00	42.47 2.00 0.00	53.28 2.01 0.00	47.62 1.74 0.00	42.08 1.71 0.00	42.26 1.69 0.00	40.73 2.19 0.10	40.29 2.02 0.21
PPL_PILGRIM_ST_GT2 24217	31.13 1.26 0.00	27.81 1.07 0.00	27.11 1.00 0.00	27.86 0.90 0.00	28.27 0.97 0.00	32.21 1.20 0.00	31.45 1.24 0.00	35.71 1.83 0.00	33.88 1.74 0.00	27.93 1.71 0.00	26.74 1.59 0.00	25.56 1.50 0.00	26.52 1.50 0.00	27.00 1.52 0.00	27.75 1.70 0.11	27.58 1.55 0.39	34.85 1.85 0.00	42.47 2.00 0.00	53.28 2.01 0.00	47.62 1.74 0.00	42.08 1.71 0.00	42.26 1.69 0.00	40.73 2.19 0.10	40.29 2.02 0.21
PPL_SHRM_GT3 24213	30.95 1.08 0.00	27.66 0.92 0.00	26.95 0.85 0.00	27.68 0.72 0.00	28.10 0.80 0.00	32.04 1.03 0.00	31.34 1.13 0.00	35.63 1.76 0.00	33.83 1.69 0.00	27.88 1.66 0.00	26.67 1.53 0.00	25.52 1.46 0.00	26.47 1.45 0.00	26.95 1.46 0.00	27.65 1.62 0.14	27.44 1.48 0.47	34.79 1.79 0.00	42.47 2.00 0.00	53.44 2.18 0.00	47.74 1.86 0.00	42.11 1.73 0.00	42.30 1.73 0.00	40.66 2.13 0.12	40.19 1.96 0.24
PPL_SHRM_GT4 24214	30.95 1.08 0.00	27.66 0.92 0.00	26.95 0.85 0.00	27.68 0.72 0.00	28.10 0.80 0.00	32.04 1.03 0.00	31.34 1.13 0.00	35.63 1.76 0.00	33.83 1.69 0.00	27.88 1.66 0.00	26.67 1.53 0.00	25.52 1.46 0.00	26.47 1.45 0.00	26.95 1.46 0.00	27.65 1.62 0.14	27.44 1.48 0.47	34.79 1.79 0.00	42.47 2.00 0.00	53.44 2.18 0.00	47.74 1.86 0.00	42.11 1.73 0.00	42.30 1.73 0.00	40.66 2.13 0.12	40.19 1.96 0.24
PROJECT___ORANGE 1 24174	29.28 -0.59 0.00	26.20 -0.55 0.00	25.58 -0.52 0.00	26.50 -0.46 0.00	26.86 -0.44 0.00	30.54 -0.46 0.00	29.74 -0.47 0.00	33.30 -0.58 0.00	31.57 -0.57 0.00	25.75 -0.47 0.00	24.70 -0.45 0.00	23.63 -0.42 0.00	24.59 -0.43 0.00	25.10 -0.39 0.00	25.81 -0.36 0.00	26.04 -0.39 0.00	32.45 -0.55 0.00	39.87 -0.60 0.00	50.56 -0.71 0.00	45.28 -0.60 0.00	39.74 -0.64 0.00	39.77 -0.79 0.00	37.82 -0.82 0.00	37.66 -0.82 0.00
PROJECT___ORANGE 2 24166	29.28 -0.59 0.00	26.20 -0.55 0.00	25.58 -0.52 0.00	26.50 -0.46 0.00	26.86 -0.44 0.00	30.54 -0.46 0.00	29.74 -0.47 0.00	33.30 -0.58 0.00	31.57 -0.57 0.00	25.75 -0.47 0.00	24.70 -0.45 0.00	23.63 -0.42 0.00	24.59 -0.43 0.00	25.10 -0.39 0.00	25.81 -0.36 0.00	26.04 -0.39 0.00	32.45 -0.55 0.00	39.87 -0.60 0.00	50.56 -0.71 0.00	45.28 -0.60 0.00	39.74 -0.64 0.00	39.77 -0.79 0.00	37.82 -0.82 0.00	37.66 -0.82 0.00
PUCKETT___SOLAR 323809	29.88 0.01 0.00	26.70 -0.05 0.00	26.06 -0.05 0.00	27.13 0.17 0.00	27.52 0.22 0.00	31.33 0.31 0.00	30.61 0.41 0.00	34.45 0.58 0.00	32.59 0.45 0.00	26.48 0.26 0.00	25.23 0.08 0.00	24.07 0.01 0.00	25.04 0.02 0.00	25.53 0.04 0.00	26.29 0.12 0.00	26.54 0.11 0.00	33.33 0.33 0.00	41.07 0.60 0.00	52.14 0.87 0.00	46.77 0.89 0.00	40.98 0.61 0.00	41.16 0.58 0.00	39.12 0.49 0.00	38.91 0.43 0.00
PYRITES___HYD 24023	31.44 1.57 0.00	28.23 1.48 0.00	27.58 1.48 0.00	28.38 1.42 0.00	28.63 1.33 0.00	32.43 1.41 0.00	31.50 1.30 0.00	35.20 1.33 0.00	33.33 1.19 0.00	29.96 0.55 -3.19	25.57 0.43 0.00	24.53 0.47 0.00	25.24 0.23 0.00	28.95 0.30 -3.16	33.19 0.58 -6.43	33.72 0.82 -6.47	34.15 1.15 0.00	42.11 1.65 0.00	53.62 2.35 0.00	48.23 2.35 0.00	42.55 2.17 0.00	43.06 2.49 0.00	40.90 2.26 0.00	40.67 2.19 0.00
QUAKERRD_115KV_BK1 80622	28.34 -1.53 0.00	25.42 -1.32 0.00	24.84 -1.26 0.00	25.86 -1.10 0.00	26.23 -1.07 0.00	29.87 -1.14 0.00	29.03 -1.17 0.00	32.50 -1.38 0.00	30.84 -1.30 0.00	25.17 -1.05 0.00	24.10 -1.05 0.00	23.12 -0.94 0.00	24.06 -0.96 0.00	24.66 -0.83 0.00	25.47 -0.70 0.00	25.51 -0.92 0.00	31.56 -1.44 0.00	38.80 -1.66 0.00	49.24 -2.03 0.00	44.31 -1.57 0.00	38.61 -1.77 0.00	38.49 -2.09 0.00	36.62 -2.01 0.00	36.55 -1.93 0.00
QUENSBRY_115KV_TB8 356137	31.65 1.78 0.00	28.36 1.61 0.00	27.59 1.49 0.00	28.40 1.44 0.00	28.95 1.65 0.00	32.94 1.93 0.00	32.24 2.04 0.00	36.51 2.64 0.00	34.56 2.41 0.00	27.86 1.64 0.00	26.56 1.41 0.00	25.45 1.39 0.00	26.57 1.55 0.00	27.01 1.52 0.00	27.82 1.64 0.00	28.25 1.82 0.00	35.66 2.67 0.00	43.67 3.21 0.00	55.35 4.08 0.00	49.11 3.23 0.00	43.00 2.63 0.00	42.93 2.36 0.00	41.16 2.52 0.00	41.00 2.52 0.00
RAMAPO___LBMP 323565	30.64 0.76 0.00	27.32 0.58 0.00	26.64 0.54 0.00	27.51 0.55 0.00	27.84 0.54 0.00	31.62 0.61 0.00	30.90 0.70 0.00	34.90 1.03 0.00	33.28 1.13 0.00	27.36 1.15 0.00	26.16 1.01 0.00	25.00 0.95 0.00	25.96 0.94 0.00	26.51 1.02 0.00	27.24 1.07 0.00	27.43 1.00 0.00	34.27 1.27 0.00	41.83 1.37 0.00	52.91 1.64 0.00	47.08 1.20 0.00	41.40 1.02 0.00	41.58 1.01 0.00	39.68 1.04 0.00	39.45 0.97 0.00
RANKINE____ 23646	28.57 -1.31 0.00	25.69 -1.05 0.00	25.17 -0.93 0.00	26.40 -0.56 0.00	26.76 -0.54 0.00	30.49 -0.52 0.00	29.57 -0.63 0.00	33.08 -0.80 0.00	31.39 -0.75 0.00	25.74 -0.48 0.00	24.60 -0.55 0.00	23.64 -0.42 0.00	24.53 -0.49 0.00	25.19 -0.30 0.00	26.11 -0.06 0.00	26.01 -0.43 0.00	31.84 -1.16 0.00	39.03 -1.43 0.00	49.66 -1.61 0.00	44.95 -0.93 0.00	38.87 -1.50 0.00	38.67 -1.90 0.00	36.92 -1.71 0.00	37.06 -1.42 0.00
RAVENSWOOD_GT2_1 24244	30.89 1.02 0.00	27.56 0.82 0.00	26.88 0.78 0.00	27.72 0.76 0.00	28.08 0.78 0.00	31.89 0.88 0.00	31.21 1.00 0.00	35.26 1.39 0.00	33.64 1.50 0.00	27.73 1.52 0.00	26.53 1.39 0.00	25.44 1.38 0.00	26.41 1.39 0.00	26.94 1.45 0.00	27.66 1.49 0.00	27.85 1.42 0.00	34.76 1.76 0.00	42.29 1.83 0.00	53.32 2.06 0.00	47.43 1.54 0.00	41.78 1.41 0.00	41.96 1.39 0.00	40.07 1.43 0.00	39.78 1.30 0.00



RAVENSWOOD_GT2_2 24245	30.89 1.02 0.00	27.56 0.82 0.00	26.88 0.78 0.00	27.72 0.76 0.00	28.08 0.78 0.00	31.89 0.88 0.00	31.21 1.00 0.00	35.26 1.39 0.00	33.64 1.50 0.00	27.73 1.52 0.00	26.53 1.39 0.00	25.44 1.38 0.00	26.41 1.39 0.00	26.94 1.45 0.00	27.66 1.49 0.00	27.85 1.42 0.00	34.76 1.76 0.00	42.29 1.83 0.00	53.32 2.06 0.00	47.43 1.54 0.00	41.78 1.41 0.00	41.96 1.39 0.00	40.07 1.43 0.00	39.78 1.30 0.00
RAVENSWOOD_GT2_3 24246	30.90 1.03 0.00	27.57 0.83 0.00	26.89 0.79 0.00	27.73 0.77 0.00	28.09 0.79 0.00	31.90 0.89 0.00	31.22 1.02 0.00	35.29 1.42 0.00	33.65 1.51 0.00	27.75 1.53 0.00	26.55 1.40 0.00	25.45 1.39 0.00	26.43 1.41 0.00	26.96 1.47 0.00	27.67 1.50 0.00	27.87 1.44 0.00	34.78 1.78 0.00	42.31 1.85 0.00	53.35 2.08 0.00	47.45 1.57 0.00	41.80 1.42 0.00	41.98 1.41 0.00	40.08 1.44 0.00	39.81 1.33 0.00
RAVENSWOOD_GT2_4 24247	30.90 1.03 0.00	27.57 0.83 0.00	26.89 0.79 0.00	27.73 0.77 0.00	28.09 0.79 0.00	31.90 0.89 0.00	31.22 1.02 0.00	35.29 1.42 0.00	33.65 1.51 0.00	27.75 1.53 0.00	26.55 1.40 0.00	25.45 1.39 0.00	26.43 1.41 0.00	26.96 1.47 0.00	27.67 1.50 0.00	27.87 1.44 0.00	34.78 1.78 0.00	42.31 1.85 0.00	53.35 2.08 0.00	47.45 1.57 0.00	41.80 1.42 0.00	41.98 1.41 0.00	40.08 1.44 0.00	39.81 1.33 0.00
RAVENSWOOD_GT3_1 24248	30.90 1.02 0.00	27.56 0.82 0.00	26.89 0.78 0.00	27.72 0.76 0.00	28.08 0.78 0.00	31.89 0.88 0.00	31.21 1.00 0.00	35.27 1.39 0.00	33.64 1.50 0.00	27.74 1.52 0.00	26.53 1.39 0.00	25.44 1.39 0.00	26.41 1.40 0.00	26.94 1.45 0.00	27.66 1.49 0.00	27.85 1.42 0.00	34.76 1.76 0.00	42.30 1.83 0.00	53.33 2.06 0.00	47.44 1.56 0.00	41.78 1.41 0.00	41.97 1.40 0.00	40.07 1.44 0.00	39.79 1.31 0.00
RAVENSWOOD_GT3_2 24249	30.90 1.02 0.00	27.56 0.82 0.00	26.89 0.78 0.00	27.72 0.76 0.00	28.08 0.78 0.00	31.89 0.88 0.00	31.21 1.00 0.00	35.27 1.39 0.00	33.64 1.50 0.00	27.74 1.52 0.00	26.53 1.39 0.00	25.44 1.39 0.00	26.41 1.40 0.00	26.94 1.45 0.00	27.66 1.49 0.00	27.85 1.42 0.00	34.76 1.76 0.00	42.30 1.83 0.00	53.33 2.06 0.00	47.44 1.56 0.00	41.78 1.41 0.00	41.97 1.40 0.00	40.07 1.44 0.00	39.79 1.31 0.00
RAVENSWOOD_GT3_3 24250	30.93 1.06 0.00	27.60 0.85 0.00	26.92 0.82 0.00	27.75 0.79 0.00	28.12 0.82 0.00	31.93 0.92 0.00	31.25 1.04 0.00	35.32 1.45 0.00	33.68 1.54 0.00	27.77 1.55 0.00	26.57 1.43 0.00	25.47 1.42 0.00	26.46 1.44 0.00	26.99 1.50 0.00	27.70 1.53 0.00	27.89 1.46 0.00	34.82 1.82 0.00	42.37 1.90 0.00	53.41 2.15 0.00	47.51 1.63 0.00	41.85 1.48 0.00	42.03 1.46 0.00	40.12 1.48 0.00	39.85 1.37 0.00
RAVENSWOOD_GT3_4 24251	30.93 1.06 0.00	27.60 0.85 0.00	26.92 0.82 0.00	27.75 0.79 0.00	28.12 0.82 0.00	31.93 0.92 0.00	31.25 1.04 0.00	35.32 1.45 0.00	33.68 1.54 0.00	27.77 1.55 0.00	26.57 1.43 0.00	25.47 1.42 0.00	26.46 1.44 0.00	26.99 1.50 0.00	27.70 1.53 0.00	27.89 1.46 0.00	34.82 1.82 0.00	42.37 1.90 0.00	53.41 2.15 0.00	47.51 1.63 0.00	41.85 1.48 0.00	42.03 1.46 0.00	40.12 1.48 0.00	39.85 1.37 0.00
RAVENSWOOD_GT_1 23729	30.94 1.06 0.00	27.61 0.87 0.00	26.93 0.83 0.00	27.77 0.81 0.00	28.13 0.83 0.00	31.93 0.91 0.00	31.25 1.05 0.00	35.32 1.44 0.00	33.69 1.55 0.00	27.81 1.59 0.00	26.60 1.46 0.00	25.50 1.44 0.00	26.46 1.44 0.00	27.00 1.51 0.00	27.73 1.56 0.00	27.90 1.47 0.00	34.82 1.82 0.00	42.33 1.86 0.00	53.32 2.06 0.00	47.45 1.57 0.00	41.85 1.48 0.00	42.03 1.46 0.00	40.12 1.48 0.00	39.83 1.36 0.00
RAVENSWOOD_GT_10 24258	30.89 1.02 0.00	27.56 0.82 0.00	26.88 0.78 0.00	27.72 0.76 0.00	28.08 0.78 0.00	31.89 0.88 0.00	31.21 1.00 0.00	35.27 1.39 0.00	33.64 1.50 0.00	27.73 1.51 0.00	26.53 1.39 0.00	25.44 1.38 0.00	26.41 1.39 0.00	26.94 1.45 0.00	27.66 1.49 0.00	27.85 1.42 0.00	34.76 1.76 0.00	42.30 1.83 0.00	53.33 2.07 0.00	47.44 1.56 0.00	41.78 1.41 0.00	41.97 1.40 0.00	40.07 1.44 0.00	39.79 1.31 0.00
RAVENSWOOD_GT_11 24259	30.89 1.02 0.00	27.56 0.82 0.00	26.88 0.78 0.00	27.72 0.76 0.00	28.08 0.78 0.00	31.89 0.88 0.00	31.21 1.00 0.00	35.27 1.39 0.00	33.64 1.50 0.00	27.73 1.51 0.00	26.53 1.39 0.00	25.44 1.38 0.00	26.41 1.39 0.00	26.94 1.45 0.00	27.66 1.49 0.00	27.85 1.42 0.00	34.76 1.76 0.00	42.30 1.83 0.00	53.33 2.07 0.00	47.44 1.56 0.00	41.78 1.41 0.00	41.97 1.40 0.00	40.07 1.44 0.00	39.79 1.31 0.00
RAVENSWOOD_GT_4 24252	30.88 1.01 0.00	27.55 0.81 0.00	26.88 0.78 0.00	27.71 0.75 0.00	28.07 0.77 0.00	31.89 0.87 0.00	31.20 0.99 0.00	35.26 1.39 0.00	33.64 1.49 0.00	27.72 1.50 0.00	26.52 1.38 0.00	25.42 1.36 0.00	26.40 1.39 0.00	26.94 1.45 0.00	27.65 1.48 0.00	27.85 1.42 0.00	34.76 1.76 0.00	42.30 1.83 0.00	53.32 2.06 0.00	47.44 1.56 0.00	41.78 1.41 0.00	41.97 1.40 0.00	40.07 1.44 0.00	39.79 1.32 0.00
RAVENSWOOD_GT_5 24254	30.88 1.01 0.00	27.55 0.81 0.00	26.88 0.78 0.00	27.71 0.75 0.00	28.07 0.77 0.00	31.89 0.87 0.00	31.20 0.99 0.00	35.26 1.39 0.00	33.64 1.49 0.00	27.72 1.50 0.00	26.52 1.38 0.00	25.42 1.36 0.00	26.40 1.39 0.00	26.94 1.45 0.00	27.65 1.48 0.00	27.85 1.42 0.00	34.76 1.76 0.00	42.30 1.83 0.00	53.32 2.06 0.00	47.44 1.56 0.00	41.78 1.41 0.00	41.97 1.40 0.00	40.07 1.44 0.00	39.79 1.32 0.00
RAVENSWOOD_GT_6 24253	30.88 1.01 0.00	27.55 0.81 0.00	26.88 0.78 0.00	27.71 0.75 0.00	28.07 0.77 0.00	31.89 0.87 0.00	31.20 0.99 0.00	35.26 1.39 0.00	33.64 1.49 0.00	27.72 1.50 0.00	26.52 1.38 0.00	25.42 1.36 0.00	26.40 1.39 0.00	26.94 1.45 0.00	27.65 1.48 0.00	27.85 1.42 0.00	34.76 1.76 0.00	42.30 1.83 0.00	53.32 2.06 0.00	47.44 1.56 0.00	41.78 1.41 0.00	41.97 1.40 0.00	40.07 1.44 0.00	39.79 1.32 0.00
RAVENSWOOD_GT_7 24255	30.88 1.01 0.00	27.55 0.81 0.00	26.88 0.78 0.00	27.71 0.75 0.00	28.07 0.77 0.00	31.89 0.87 0.00	31.20 0.99 0.00	35.26 1.39 0.00	33.64 1.49 0.00	27.72 1.50 0.00	26.52 1.38 0.00	25.42 1.36 0.00	26.40 1.39 0.00	26.94 1.45 0.00	27.65 1.48 0.00	27.85 1.42 0.00	34.76 1.76 0.00	42.30 1.83 0.00	53.32 2.06 0.00	47.44 1.56 0.00	41.78 1.41 0.00	41.97 1.40 0.00	40.07 1.44 0.00	39.79 1.32 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	30.89 1.02 0.00	27.56 0.82 0.00	26.88 0.78 0.00	27.72 0.76 0.00	28.08 0.78 0.00	31.89 0.88 0.00	31.21 1.00 0.00	35.27 1.39 0.00	33.64 1.50 0.00	27.73 1.51 0.00	26.53 1.39 0.00	25.44 1.38 0.00	26.41 1.39 0.00	26.94 1.45 0.00	27.66 1.49 0.00	27.85 1.42 0.00	34.76 1.76 0.00	42.30 1.83 0.00	53.33 2.07 0.00	47.44 1.56 0.00	41.78 1.41 0.00	41.97 1.40 0.00	40.07 1.44 0.00	39.79 1.31 0.00

RAVENSWOOD_GT_9 24257	30.89 1.02 0.00	27.56 0.82 0.00	26.88 0.78 0.00	27.72 0.76 0.00	28.08 0.78 0.00	31.89 0.88 0.00	31.21 1.00 0.00	35.27 1.39 0.00	33.64 1.50 0.00	27.73 1.51 0.00	26.53 1.39 0.00	25.44 1.38 0.00	26.41 1.39 0.00	26.94 1.45 0.00	27.66 1.49 0.00	27.85 1.42 0.00	34.76 1.76 0.00	42.30 1.83 0.00	53.33 2.07 0.00	47.44 1.56 0.00	41.78 1.41 0.00	41.97 1.40 0.00	40.07 1.44 0.00	39.79 1.31 0.00
RAVENSWOOD___1 23533	30.93 1.06 0.00	27.61 0.87 0.00	26.93 0.83 0.00	27.76 0.80 0.00	28.13 0.83 0.00	31.92 0.91 0.00	31.25 1.05 0.00	35.32 1.44 0.00	33.69 1.55 0.00	27.81 1.59 0.00	26.60 1.46 0.00	25.50 1.44 0.00	26.46 1.44 0.00	27.00 1.51 0.00	27.71 1.53 0.00	27.88 1.45 0.00	34.79 1.80 0.00	42.32 1.85 0.00	53.33 2.06 0.00	47.44 1.56 0.00	41.80 1.43 0.00	41.96 1.39 0.00	40.07 1.43 0.00	39.77 1.30 0.00
RAVENSWOOD___2 23534	30.93 1.06 0.00	27.61 0.87 0.00	26.93 0.83 0.00	27.76 0.80 0.00	28.13 0.83 0.00	31.92 0.91 0.00	31.25 1.05 0.00	35.32 1.44 0.00	33.69 1.55 0.00	27.81 1.59 0.00	26.60 1.46 0.00	25.50 1.44 0.00	26.46 1.44 0.00	27.00 1.51 0.00	27.71 1.53 0.00	27.88 1.45 0.00	34.79 1.80 0.00	42.32 1.85 0.00	53.33 2.06 0.00	47.44 1.56 0.00	41.80 1.43 0.00	41.96 1.39 0.00	40.07 1.43 0.00	39.77 1.30 0.00
RAVENSWOOD___3 23535	30.89 1.02 0.00	27.57 0.83 0.00	26.89 0.79 0.00	27.72 0.76 0.00	28.08 0.78 0.00	31.89 0.88 0.00	31.21 1.00 0.00	35.27 1.40 0.00	33.64 1.50 0.00	27.74 1.52 0.00	26.53 1.39 0.00	25.44 1.38 0.00	26.41 1.40 0.00	26.95 1.46 0.00	27.66 1.49 0.00	27.85 1.43 0.00	34.77 1.77 0.00	42.31 1.84 0.00	53.33 2.07 0.00	47.44 1.56 0.00	41.78 1.41 0.00	41.97 1.40 0.00	40.07 1.44 0.00	39.79 1.31 0.00
RAVENSWOOD___4 23820	30.93 1.06 0.00	27.61 0.87 0.00	26.93 0.83 0.00	27.76 0.80 0.00	28.13 0.83 0.00	31.92 0.91 0.00	31.25 1.05 0.00	35.32 1.44 0.00	33.69 1.55 0.00	27.81 1.59 0.00	26.60 1.46 0.00	25.50 1.44 0.00	26.46 1.44 0.00	27.00 1.51 0.00	27.71 1.53 0.00	27.88 1.45 0.00	34.79 1.80 0.00	42.32 1.85 0.00	53.33 2.06 0.00	47.44 1.56 0.00	41.80 1.43 0.00	41.96 1.39 0.00	40.07 1.43 0.00	39.77 1.30 0.00
RCPL_TRUST___DRP 24196	30.88 1.01 0.00	27.55 0.81 0.00	26.88 0.78 0.00	27.72 0.75 0.00	28.08 0.78 0.00	31.90 0.89 0.00	31.21 1.00 0.00	35.28 1.41 0.00	33.64 1.49 0.00	27.72 1.50 0.00	26.52 1.38 0.00	25.42 1.36 0.00	26.40 1.38 0.00	26.93 1.44 0.00	27.64 1.47 0.00	27.83 1.40 0.00	34.76 1.76 0.00	42.30 1.83 0.00	53.35 2.08 0.00	47.45 1.57 0.00	41.77 1.40 0.00	41.97 1.40 0.00	40.06 1.42 0.00	39.78 1.31 0.00
RED___ROCHESTER 323720	28.96 -0.91 0.00	25.99 -0.76 0.00	25.40 -0.70 0.00	26.48 -0.48 0.00	26.83 -0.46 0.00	30.57 -0.44 0.00	29.71 -0.50 0.00	33.26 -0.61 0.00	31.57 -0.57 0.00	25.77 -0.46 0.00	24.66 -0.48 0.00	23.67 -0.39 0.00	24.65 -0.37 0.00	25.29 -0.20 0.00	26.15 -0.02 0.00	26.14 -0.29 0.00	32.28 -0.72 0.00	39.71 -0.76 0.00	50.46 -0.81 0.00	45.45 -0.43 0.00	39.53 -0.85 0.00	39.35 -1.22 0.00	37.47 -1.17 0.00	37.40 -1.08 0.00
REGAN___SOLAR 323812	31.54 1.67 0.00	28.23 1.49 0.00	27.58 1.48 0.00	28.53 1.57 0.00	28.94 1.63 0.00	32.89 1.88 0.00	32.09 1.89 0.00	36.07 2.20 0.00	33.80 1.65 0.00	26.72 0.50 0.00	25.36 0.22 0.00	24.35 0.29 0.00	25.71 0.69 0.00	25.87 0.38 0.00	26.48 0.31 0.00	26.87 0.44 0.00	34.71 1.72 0.00	43.24 2.78 0.00	54.88 3.61 0.00	49.12 3.24 0.00	43.07 2.69 0.00	43.18 2.61 0.00	41.03 2.40 0.00	40.75 2.27 0.00
RENSSELAER___COGEN 23796	30.31 0.43 0.00	27.10 0.35 0.00	26.42 0.31 0.00	27.27 0.31 0.00	27.66 0.36 0.00	31.45 0.43 0.00	30.74 0.53 0.00	34.65 0.77 0.00	32.87 0.72 0.00	26.78 0.56 0.00	25.59 0.45 0.00	24.53 0.47 0.00	25.50 0.49 0.00	25.99 0.50 0.00	26.64 0.47 0.00	27.01 0.58 0.00	33.85 0.85 0.00	41.44 0.97 0.00	52.46 1.19 0.00	46.72 0.84 0.00	41.15 0.77 0.00	41.23 0.66 0.00	39.30 0.66 0.00	39.16 0.68 0.00
REPUBLIC_115KV_BARTNBRK 55605	32.87 3.00 0.00	29.58 2.84 0.00	28.68 2.57 0.00	29.42 2.46 0.00	30.16 2.86 0.00	34.32 3.31 0.00	33.75 3.55 0.00	38.48 4.60 0.00	36.28 4.14 0.00	28.87 2.65 0.00	27.46 2.32 0.00	26.45 2.39 0.00	27.70 2.68 0.00	28.24 2.75 0.00	29.34 3.17 0.00	29.79 3.37 0.00	37.78 4.78 0.00	46.49 6.03 0.00	58.90 7.63 0.00	51.95 6.07 0.00	45.19 4.81 0.00	44.87 4.30 0.00	43.00 4.36 0.00	42.97 4.50 0.00
REVERE_CPPR_DRP 24186	30.57 0.70 0.00	27.41 0.67 0.00	26.80 0.70 0.00	27.71 0.75 0.00	28.09 0.79 0.00	31.88 0.87 0.00	31.08 0.88 0.00	34.91 1.04 0.00	33.04 0.90 0.00	26.78 0.56 0.00	25.60 0.46 0.00	24.46 0.41 0.00	25.50 0.48 0.00	25.79 0.30 0.00	26.74 0.56 0.00	27.14 0.71 0.00	34.10 1.10 0.00	41.83 1.37 0.00	53.29 2.02 0.00	47.63 1.75 0.00	41.92 1.55 0.00	42.00 1.42 0.00	39.90 1.26 0.00	39.72 1.24 0.00
REYNOLDS_115KV_TB3 80639	30.49 0.62 0.00	27.27 0.52 0.00	26.57 0.47 0.00	27.42 0.47 0.00	27.83 0.53 0.00	31.64 0.63 0.00	30.92 0.72 0.00	34.87 1.00 0.00	33.08 0.94 0.00	26.94 0.72 0.00	25.74 0.60 0.00	24.67 0.61 0.00	25.66 0.64 0.00	26.16 0.67 0.00	26.82 0.65 0.00	27.19 0.76 0.00	34.07 1.07 0.00	41.66 1.20 0.00	52.73 1.47 0.00	46.95 1.07 0.00	41.38 1.01 0.00	41.44 0.88 0.00	39.53 0.89 0.00	39.42 0.94 0.00
RIVERBAY____ 323610	30.96 1.08 0.00	27.66 0.92 0.00	26.93 0.83 0.00	27.74 0.78 0.00	28.08 0.78 0.00	31.93 0.92 0.00	31.17 0.96 0.00	35.25 1.38 0.00	33.58 1.43 0.00	27.73 1.51 0.00	26.51 1.37 0.00	25.38 1.32 0.00	26.33 1.31 0.00	26.86 1.37 0.00	27.59 1.42 0.00	27.73 1.31 0.00	34.65 1.65 0.00	42.24 1.77 0.00	53.30 2.04 0.00	47.50 1.62 0.00	41.86 1.48 0.00	41.94 1.37 0.00	40.03 1.39 0.00	39.77 1.29 0.00
RIVERSDE_115KV_TB3 55908	30.42 0.54 0.00	27.19 0.45 0.00	26.51 0.41 0.00	27.35 0.39 0.00	27.76 0.46 0.00	31.56 0.55 0.00	30.85 0.64 0.00	34.77 0.90 0.00	32.99 0.84 0.00	26.88 0.66 0.00	25.68 0.54 0.00	24.62 0.56 0.00	25.60 0.59 0.00	26.10 0.61 0.00	26.76 0.59 0.00	27.12 0.69 0.00	33.99 0.99 0.00	41.59 1.13 0.00	52.64 1.37 0.00	46.87 0.99 0.00	41.30 0.92 0.00	41.37 0.80 0.00	39.44 0.80 0.00	39.31 0.83 0.00
ROARING___BROOK_WT_PWR 323790	29.89 0.02 0.00	26.84 0.09 0.00	26.32 0.22 0.00	27.14 0.18 0.00	27.42 0.12 0.00	30.90 -0.12 0.00	29.96 -0.25 0.00	33.47 -0.40 0.00	31.75 -0.39 0.00	25.99 -0.23 0.00	24.97 -0.17 0.00	23.61 -0.45 0.00	24.47 -0.55 0.00	24.83 -0.66 0.00	25.47 -0.71 0.00	25.83 -0.60 0.00	32.39 -0.60 0.00	39.89 -0.57 0.00	50.76 -0.51 0.00	45.58 -0.30 0.00	40.41 0.03 0.00	40.89 0.32 0.00	38.92 0.28 0.00	38.77 0.30 0.00

ROCHESRG_115KV_T4 355643	28.72 -1.16 0.00	25.77 -0.97 0.00	25.19 -0.91 0.00	26.27 -0.69 0.00	26.62 -0.68 0.00	30.33 -0.69 0.00	29.46 -0.75 0.00	32.96 -0.91 0.00	31.29 -0.85 0.00	25.55 -0.67 0.00	24.47 -0.67 0.00	23.48 -0.58 0.00	24.42 -0.60 0.00	25.04 -0.45 0.00	25.89 -0.28 0.00	25.90 -0.53 0.00	31.97 -1.03 0.00	39.27 -1.19 0.00	49.87 -1.40 0.00	44.93 -0.95 0.00	39.09 -1.29 0.00	38.93 -1.64 0.00	37.09 -1.55 0.00	37.05 -1.43 0.00
ROCHESTER_9_IC 23652	28.85 -1.03 0.00	25.89 -0.85 0.00	25.31 -0.79 0.00	26.38 -0.58 0.00	26.74 -0.56 0.00	30.45 -0.56 0.00	29.59 -0.62 0.00	33.13 -0.75 0.00	31.45 -0.69 0.00	25.67 -0.55 0.00	24.57 -0.57 0.00	23.59 -0.47 0.00	24.54 -0.48 0.00	25.17 -0.32 0.00	26.03 -0.14 0.00	26.03 -0.40 0.00	32.14 -0.86 0.00	39.51 -0.96 0.00	50.18 -1.09 0.00	45.22 -0.67 0.00	39.32 -1.05 0.00	39.15 -1.42 0.00	37.29 -1.34 0.00	37.24 -1.23 0.00
ROCKVIEW_13_KV_LD 356306	30.91 1.04 0.00	27.58 0.84 0.00	26.90 0.80 0.00	27.75 0.79 0.00	28.11 0.81 0.00	31.94 0.93 0.00	31.26 1.05 0.00	35.33 1.46 0.00	33.68 1.54 0.00	27.72 1.50 0.00	26.52 1.37 0.00	25.41 1.35 0.00	26.40 1.38 0.00	26.93 1.44 0.00	27.64 1.47 0.00	27.85 1.42 0.00	34.80 1.80 0.00	42.39 1.93 0.00	53.52 2.25 0.00	47.63 1.75 0.00	41.93 1.55 0.00	42.09 1.52 0.00	40.17 1.53 0.00	39.91 1.43 0.00
ROME____115KV_TB2 80656	30.57 0.70 0.00	27.41 0.67 0.00	26.80 0.70 0.00	27.71 0.75 0.00	28.09 0.79 0.00	31.88 0.87 0.00	31.08 0.88 0.00	34.91 1.04 0.00	33.04 0.90 0.00	26.78 0.56 0.00	25.60 0.46 0.00	24.46 0.41 0.00	25.50 0.48 0.00	25.79 0.30 0.00	26.74 0.56 0.00	27.14 0.71 0.00	34.10 1.10 0.00	41.83 1.37 0.00	53.29 2.02 0.00	47.63 1.75 0.00	41.92 1.55 0.00	42.00 1.42 0.00	39.90 1.26 0.00	39.72 1.24 0.00
ROSETON___1 23587	30.64 0.76 0.00	27.36 0.61 0.00	26.67 0.57 0.00	27.52 0.56 0.00	27.89 0.59 0.00	31.70 0.69 0.00	30.99 0.78 0.00	35.01 1.13 0.00	33.34 1.19 0.00	27.36 1.14 0.00	26.17 1.03 0.00	25.06 1.00 0.00	26.05 1.04 0.00	26.57 1.08 0.00	27.26 1.09 0.00	27.49 1.06 0.00	34.37 1.37 0.00	41.95 1.48 0.00	53.02 1.75 0.00	47.19 1.30 0.00	41.51 1.14 0.00	41.67 1.10 0.00	39.77 1.13 0.00	39.53 1.06 0.00
ROSETON___2 23588	30.64 0.76 0.00	27.36 0.61 0.00	26.67 0.57 0.00	27.52 0.56 0.00	27.89 0.59 0.00	31.70 0.69 0.00	30.99 0.78 0.00	35.01 1.13 0.00	33.34 1.19 0.00	27.36 1.14 0.00	26.17 1.03 0.00	25.06 1.00 0.00	26.05 1.04 0.00	26.57 1.08 0.00	27.26 1.09 0.00	27.49 1.06 0.00	34.37 1.37 0.00	41.95 1.48 0.00	53.02 1.75 0.00	47.19 1.30 0.00	41.51 1.14 0.00	41.67 1.10 0.00	39.77 1.13 0.00	39.53 1.06 0.00
ROTRRDAM_115KV_TB3 80664	30.58 0.71 0.00	27.36 0.62 0.00	26.68 0.58 0.00	27.55 0.59 0.00	27.95 0.65 0.00	31.77 0.76 0.00	31.01 0.81 0.00	34.92 1.05 0.00	33.10 0.96 0.00	26.88 0.66 0.00	25.71 0.56 0.00	24.60 0.55 0.00	25.65 0.63 0.00	26.12 0.63 0.00	26.78 0.61 0.00	27.12 0.69 0.00	34.06 1.06 0.00	41.76 1.29 0.00	52.88 1.61 0.00	47.17 1.29 0.00	41.49 1.12 0.00	41.60 1.03 0.00	39.66 1.02 0.00	39.48 1.00 0.00
RUSSELL___1 23602	28.96 -0.91 0.00	25.99 -0.76 0.00	25.40 -0.70 0.00	26.48 -0.48 0.00	26.84 -0.46 0.00	30.57 -0.44 0.00	29.70 -0.50 0.00	33.26 -0.61 0.00	31.57 -0.57 0.00	25.77 -0.45 0.00	24.66 -0.48 0.00	23.67 -0.39 0.00	24.65 -0.37 0.00	25.29 -0.20 0.00	26.15 -0.02 0.00	26.14 -0.29 0.00	32.29 -0.71 0.00	39.71 -0.75 0.00	50.45 -0.82 0.00	45.45 -0.43 0.00	39.53 -0.85 0.00	39.35 -1.22 0.00	37.47 -1.17 0.00	37.40 -1.08 0.00
RUSSELL___2 23532	28.96 -0.91 0.00	25.99 -0.76 0.00	25.40 -0.70 0.00	26.48 -0.48 0.00	26.84 -0.46 0.00	30.57 -0.44 0.00	29.70 -0.50 0.00	33.26 -0.61 0.00	31.57 -0.57 0.00	25.77 -0.45 0.00	24.66 -0.48 0.00	23.67 -0.39 0.00	24.65 -0.37 0.00	25.29 -0.20 0.00	26.15 -0.02 0.00	26.14 -0.29 0.00	32.29 -0.71 0.00	39.71 -0.75 0.00	50.45 -0.82 0.00	45.45 -0.43 0.00	39.53 -0.85 0.00	39.35 -1.22 0.00	37.47 -1.17 0.00	37.40 -1.08 0.00
RUSSELL___3 23549	28.96 -0.91 0.00	25.99 -0.76 0.00	25.40 -0.70 0.00	26.48 -0.48 0.00	26.84 -0.46 0.00	30.57 -0.44 0.00	29.70 -0.50 0.00	33.26 -0.61 0.00	31.57 -0.57 0.00	25.77 -0.45 0.00	24.66 -0.48 0.00	23.67 -0.39 0.00	24.65 -0.37 0.00	25.29 -0.20 0.00	26.15 -0.02 0.00	26.14 -0.29 0.00	32.29 -0.71 0.00	39.71 -0.75 0.00	50.45 -0.82 0.00	45.45 -0.43 0.00	39.53 -0.85 0.00	39.35 -1.22 0.00	37.47 -1.17 0.00	37.40 -1.08 0.00
RUSSELL___4 23556	28.96 -0.91 0.00	25.99 -0.76 0.00	25.40 -0.70 0.00	26.48 -0.48 0.00	26.84 -0.46 0.00	30.57 -0.44 0.00	29.70 -0.50 0.00	33.26 -0.61 0.00	31.57 -0.57 0.00	25.77 -0.45 0.00	24.66 -0.48 0.00	23.67 -0.39 0.00	24.65 -0.37 0.00	25.29 -0.20 0.00	26.15 -0.02 0.00	26.14 -0.29 0.00	32.29 -0.71 0.00	39.71 -0.75 0.00	50.45 -0.82 0.00	45.45 -0.43 0.00	39.53 -0.85 0.00	39.35 -1.22 0.00	37.47 -1.17 0.00	37.40 -1.08 0.00
RUSSELL___STATION 23914	28.96 -0.91 0.00	25.99 -0.76 0.00	25.40 -0.70 0.00	26.48 -0.48 0.00	26.84 -0.46 0.00	30.57 -0.44 0.00	29.70 -0.50 0.00	33.26 -0.61 0.00	31.57 -0.57 0.00	25.77 -0.45 0.00	24.66 -0.48 0.00	23.67 -0.39 0.00	24.65 -0.37 0.00	25.29 -0.20 0.00	26.15 -0.02 0.00	26.14 -0.29 0.00	32.29 -0.71 0.00	39.71 -0.75 0.00	50.45 -0.82 0.00	45.45 -0.43 0.00	39.53 -0.85 0.00	39.35 -1.22 0.00	37.47 -1.17 0.00	37.40 -1.08 0.00
S SALMON___HYD 24043	29.44 -0.43 0.00	26.41 -0.33 0.00	25.86 -0.24 0.00	26.77 -0.19 0.00	27.06 -0.23 0.00	30.60 -0.41 0.00	29.71 -0.49 0.00	33.23 -0.64 0.00	31.54 -0.61 0.00	25.70 -0.52 0.00	24.52 -0.63 0.00	23.30 -0.76 0.00	24.16 -0.86 0.00	24.64 -0.85 0.00	25.54 -0.63 0.00	25.88 -0.55 0.00	32.39 -0.61 0.00	39.92 -0.55 0.00	50.76 -0.50 0.00	45.60 -0.28 0.00	40.24 -0.13 0.00	40.31 -0.26 0.00	38.28 -0.36 0.00	38.11 -0.37 0.00
S.PERRY__115KV_TB1 80734	29.61 -0.26 0.00	26.56 -0.18 0.00	25.99 -0.11 0.00	27.16 0.20 0.00	27.56 0.26 0.00	31.45 0.43 0.00	30.60 0.40 0.00	34.38 0.50 0.00	32.55 0.41 0.00	26.13 -0.09 0.00	24.99 -0.16 0.00	23.82 -0.24 0.00	24.80 -0.22 0.00	25.53 0.05 0.00	26.46 0.29 0.00	26.58 0.16 0.00	32.71 -0.29 0.00	40.45 -0.01 0.00	52.07 0.80 0.00	46.93 1.05 0.00	40.74 0.36 0.00	40.50 -0.07 0.00	38.52 -0.11 0.00	38.49 0.01 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	28.28 -1.60 0.00	25.46 -1.28 0.00	24.93 -1.17 0.00	26.15 -0.81 0.00	26.50 -0.79 0.00	30.20 -0.81 0.00	29.26 -0.94 0.00	32.68 -1.20 0.00	31.04 -1.11 0.00	25.46 -0.76 0.00	24.36 -0.79 0.00	23.43 -0.63 0.00	24.30 -0.72 0.00	24.96 -0.53 0.00	25.88 -0.29 0.00	25.77 -0.66 0.00	31.50 -1.49 0.00	38.59 -1.87 0.00	49.04 -2.23 0.00	44.39 -1.48 0.00	38.37 -2.01 0.00	38.13 -2.44 0.00	36.44 -2.20 0.00	36.60 -1.88 0.00

SAWYER___23_KV_LOAD 55526	28.28 -1.60 0.00	25.46 -1.28 0.00	24.93 -1.17 0.00	26.15 -0.81 0.00	26.50 -0.79 0.00	30.20 -0.81 0.00	29.26 -0.94 0.00	32.68 -1.20 0.00	31.04 -1.11 0.00	25.46 -0.76 0.00	24.36 -0.79 0.00	23.43 -0.63 0.00	24.30 -0.72 0.00	24.96 -0.53 0.00	25.88 -0.29 0.00	25.77 -0.66 0.00	31.50 -1.49 0.00	38.59 -1.87 0.00	49.04 -2.23 0.00	44.39 -1.48 0.00	38.37 -2.01 0.00	38.13 -2.44 0.00	36.44 -2.20 0.00	36.60 -1.88 0.00
SELKIRK___I 23801	30.52 0.65 0.00	27.29 0.55 0.00	26.62 0.52 0.00	27.49 0.53 0.00	27.88 0.59 0.00	31.71 0.70 0.00	30.96 0.76 0.00	34.88 1.01 0.00	33.01 0.87 0.00	26.77 0.55 0.00	25.57 0.43 0.00	24.50 0.44 0.00	25.51 0.49 0.00	25.98 0.48 0.00	26.63 0.46 0.00	27.02 0.59 0.00	33.93 0.93 0.00	41.68 1.21 0.00	52.75 1.49 0.00	47.03 1.15 0.00	41.42 1.04 0.00	41.49 0.92 0.00	39.55 0.91 0.00	39.40 0.92 0.00
SELKIRK___II 23799	30.38 0.50 0.00	27.16 0.42 0.00	26.48 0.38 0.00	27.32 0.37 0.00	27.73 0.43 0.00	31.52 0.51 0.00	30.80 0.60 0.00	34.72 0.84 0.00	32.93 0.79 0.00	26.81 0.59 0.00	25.62 0.48 0.00	24.55 0.50 0.00	25.54 0.52 0.00	26.02 0.53 0.00	26.67 0.49 0.00	27.02 0.59 0.00	33.88 0.88 0.00	41.52 1.06 0.00	52.57 1.30 0.00	46.83 0.95 0.00	41.24 0.87 0.00	41.31 0.74 0.00	39.39 0.75 0.00	39.23 0.76 0.00
SENECA OSWGO___HYD 24041	29.05 -0.82 0.00	26.01 -0.74 0.00	25.39 -0.71 0.00	26.29 -0.67 0.00	26.64 -0.66 0.00	30.29 -0.72 0.00	29.49 -0.72 0.00	32.99 -0.89 0.00	31.28 -0.86 0.00	25.52 -0.70 0.00	24.52 -0.62 0.00	23.45 -0.60 0.00	24.41 -0.61 0.00	24.90 -0.59 0.00	25.61 -0.56 0.00	25.84 -0.59 0.00	32.19 -0.81 0.00	39.55 -0.92 0.00	50.13 -1.14 0.00	44.90 -0.98 0.00	39.43 -0.95 0.00	39.46 -1.11 0.00	37.53 -1.11 0.00	37.36 -1.12 0.00
SENECA___115KV_TB3 355854	28.60 -1.27 0.00	25.72 -1.02 0.00	25.20 -0.90 0.00	26.43 -0.53 0.00	26.79 -0.51 0.00	30.54 -0.47 0.00	29.61 -0.60 0.00	33.12 -0.75 0.00	31.44 -0.71 0.00	25.78 -0.44 0.00	24.63 -0.51 0.00	23.68 -0.38 0.00	24.57 -0.45 0.00	25.23 -0.26 0.00	26.14 -0.03 0.00	26.04 -0.39 0.00	31.89 -1.11 0.00	39.09 -1.38 0.00	49.73 -1.53 0.00	45.02 -0.86 0.00	38.93 -1.45 0.00	38.73 -1.84 0.00	36.99 -1.65 0.00	37.12 -1.35 0.00
SENECA___ENERGY 23797	29.13 -0.74 0.00	26.11 -0.64 0.00	25.47 -0.63 0.00	26.48 -0.48 0.00	26.87 -0.43 0.00	30.62 -0.40 0.00	29.79 -0.42 0.00	33.45 -0.42 0.00	31.72 -0.42 0.00	25.79 -0.43 0.00	24.61 -0.53 0.00	23.50 -0.56 0.00	24.49 -0.53 0.00	25.06 -0.43 0.00	25.86 -0.31 0.00	26.02 -0.41 0.00	32.35 -0.65 0.00	39.88 -0.59 0.00	50.61 -0.66 0.00	45.53 -0.36 0.00	39.81 -0.57 0.00	39.83 -0.74 0.00	37.78 -0.85 0.00	37.65 -0.83 0.00
SHOEMAKER___GT 23640	30.63 0.76 0.00	27.34 0.60 0.00	26.66 0.56 0.00	27.54 0.57 0.00	27.89 0.59 0.00	31.69 0.68 0.00	31.01 0.81 0.00	35.47 1.59 0.00	33.76 1.62 0.00	27.60 1.38 0.00	26.29 1.15 0.00	25.12 1.06 0.00	26.07 1.05 0.00	26.61 1.12 0.00	27.34 1.16 0.00	27.59 1.16 0.00	34.61 1.61 0.00	42.52 2.06 0.00	53.94 2.68 0.00	48.05 2.16 0.00	42.22 1.85 0.00	42.35 1.78 0.00	40.37 1.73 0.00	40.09 1.61 0.00
SHOEMAKR_138KV_BK 111 55601	30.61 0.74 0.00	27.32 0.58 0.00	26.65 0.54 0.00	27.52 0.56 0.00	27.87 0.57 0.00	31.67 0.66 0.00	30.99 0.78 0.00	35.44 1.56 0.00	33.73 1.59 0.00	27.59 1.37 0.00	26.29 1.15 0.00	25.12 1.06 0.00	26.08 1.06 0.00	26.61 1.13 0.00	27.34 1.17 0.00	27.59 1.16 0.00	34.60 1.60 0.00	42.48 2.02 0.00	53.88 2.62 0.00	48.00 2.11 0.00	42.18 1.81 0.00	42.31 1.74 0.00	40.33 1.69 0.00	40.05 1.57 0.00
SHOREHAM_IC_1 23715	30.95 1.08 0.00	27.66 0.92 0.00	26.95 0.85 0.00	27.68 0.72 0.00	28.10 0.80 0.00	32.04 1.03 0.00	31.34 1.13 0.00	35.63 1.76 0.00	33.83 1.69 0.00	27.88 1.66 0.00	26.67 1.53 0.00	25.52 1.46 0.00	26.47 1.45 0.00	26.95 1.46 0.00	27.65 1.62 0.14	27.44 1.48 0.47	34.79 1.79 0.00	42.47 2.00 0.00	53.44 2.18 0.00	47.74 1.86 0.00	42.11 1.73 0.00	42.30 1.73 0.00	40.66 2.13 0.12	40.19 1.96 0.24
SHOREHAM_IC_2 23716	30.95 1.08 0.00	27.66 0.92 0.00	26.95 0.85 0.00	27.68 0.72 0.00	28.10 0.80 0.00	32.04 1.03 0.00	31.34 1.13 0.00	35.63 1.76 0.00	33.83 1.69 0.00	27.88 1.66 0.00	26.67 1.53 0.00	25.52 1.46 0.00	26.47 1.45 0.00	26.95 1.46 0.00	27.65 1.62 0.14	27.44 1.48 0.47	34.79 1.79 0.00	42.47 2.00 0.00	53.44 2.18 0.00	47.74 1.86 0.00	42.11 1.73 0.00	42.30 1.73 0.00	40.66 2.13 0.12	40.19 1.96 0.24
SISSONVILLE____ 23735	30.93 1.06 0.00	27.78 1.04 0.00	27.16 1.06 0.00	27.95 0.99 0.00	28.19 0.89 0.00	31.90 0.88 0.00	30.94 0.74 0.00	34.54 0.67 0.00	32.76 0.61 0.00	30.06 0.30 -3.55	25.42 0.27 0.00	24.25 0.20 0.00	25.06 0.04 0.00	29.07 0.06 -3.52	33.56 0.23 -7.16	33.98 0.35 -7.20	33.50 0.51 0.00	41.26 0.79 0.00	52.58 1.31 0.00	47.29 1.41 0.00	41.80 1.42 0.00	42.32 1.76 0.00	40.23 1.60 0.00	40.05 1.57 0.00
SITHE_IND_GS1 24169	28.79 -1.08 0.00	25.79 -0.96 0.00	25.17 -0.93 0.00	26.06 -0.90 0.00	26.40 -0.90 0.00	30.01 -1.00 0.00	29.18 -1.02 0.00	32.61 -1.26 0.00	30.92 -1.22 0.00	25.25 -0.97 0.00	24.25 -0.89 0.00	23.22 -0.84 0.00	24.14 -0.88 0.00	24.62 -0.87 0.00	25.31 -0.86 0.00	25.51 -0.92 0.00	31.74 -1.27 0.00	39.01 -1.46 0.00	49.42 -1.85 0.00	44.27 -1.61 0.00	38.91 -1.46 0.00	38.96 -1.61 0.00	37.08 -1.55 0.00	36.91 -1.56 0.00
SITHE_IND_GS2 24170	28.79 -1.08 0.00	25.79 -0.96 0.00	25.17 -0.93 0.00	26.06 -0.90 0.00	26.40 -0.90 0.00	30.01 -1.00 0.00	29.18 -1.02 0.00	32.61 -1.26 0.00	30.92 -1.22 0.00	25.25 -0.97 0.00	24.25 -0.89 0.00	23.22 -0.84 0.00	24.14 -0.88 0.00	24.62 -0.87 0.00	25.31 -0.86 0.00	25.51 -0.92 0.00	31.74 -1.27 0.00	39.01 -1.46 0.00	49.42 -1.85 0.00	44.27 -1.61 0.00	38.91 -1.46 0.00	38.96 -1.61 0.00	37.08 -1.55 0.00	36.91 -1.56 0.00
SITHE_IND_GS3 24171	28.79 -1.08 0.00	25.79 -0.96 0.00	25.17 -0.93 0.00	26.06 -0.90 0.00	26.40 -0.90 0.00	30.01 -1.00 0.00	29.18 -1.02 0.00	32.61 -1.26 0.00	30.92 -1.22 0.00	25.25 -0.97 0.00	24.25 -0.89 0.00	23.22 -0.84 0.00	24.14 -0.88 0.00	24.62 -0.87 0.00	25.31 -0.86 0.00	25.51 -0.92 0.00	31.74 -1.27 0.00	39.01 -1.46 0.00	49.42 -1.85 0.00	44.27 -1.61 0.00	38.91 -1.46 0.00	38.96 -1.61 0.00	37.08 -1.55 0.00	36.91 -1.56 0.00
SITHE_IND_GS4 24172	28.79 -1.08 0.00	25.79 -0.96 0.00	25.17 -0.93 0.00	26.06 -0.90 0.00	26.40 -0.90 0.00	30.01 -1.00 0.00	29.18 -1.02 0.00	32.61 -1.26 0.00	30.92 -1.22 0.00	25.25 -0.97 0.00	24.25 -0.89 0.00	23.22 -0.84 0.00	24.14 -0.88 0.00	24.62 -0.87 0.00	25.31 -0.86 0.00	25.51 -0.92 0.00	31.74 -1.27 0.00	39.01 -1.46 0.00	49.42 -1.85 0.00	44.27 -1.61 0.00	38.91 -1.46 0.00	38.96 -1.61 0.00	37.08 -1.55 0.00	36.91 -1.56 0.00

SITHE___BATAVIA 24024	29.03 -0.84 0.00	26.08 -0.66 0.00	25.51 -0.59 0.00	26.72 -0.24 0.00	27.08 -0.23 0.00	30.86 -0.15 0.00	29.96 -0.24 0.00	33.47 -0.40 0.00	31.77 -0.37 0.00	25.86 -0.36 0.00	24.61 -0.54 0.00	23.59 -0.47 0.00	24.67 -0.35 0.00	25.37 -0.11 0.00	26.37 0.20 0.00	26.17 -0.25 0.00	32.14 -0.86 0.00	39.64 -0.83 0.00	50.47 -0.80 0.00	45.62 -0.27 0.00	39.50 -0.87 0.00	39.19 -1.38 0.00	37.39 -1.25 0.00	37.42 -1.06 0.00
SITHE___INDEPEND 23800	28.79 -1.08 0.00	25.79 -0.96 0.00	25.17 -0.93 0.00	26.06 -0.90 0.00	26.39 -0.91 0.00	30.01 -1.00 0.00	29.19 -1.02 0.00	32.61 -1.26 0.00	30.92 -1.22 0.00	25.25 -0.97 0.00	24.25 -0.90 0.00	23.22 -0.84 0.00	24.14 -0.88 0.00	24.62 -0.87 0.00	25.31 -0.86 0.00	25.51 -0.92 0.00	31.74 -1.26 0.00	39.01 -1.46 0.00	49.41 -1.86 0.00	44.28 -1.61 0.00	38.91 -1.46 0.00	38.96 -1.61 0.00	37.08 -1.55 0.00	36.91 -1.56 0.00
SITHE___MASSENA 23902	30.68 0.81 0.00	27.54 0.79 0.00	26.90 0.80 0.00	27.67 0.71 0.00	27.92 0.62 0.00	31.66 0.65 0.00	30.73 0.53 0.00	34.34 0.47 0.00	32.56 0.42 0.00	27.28 0.23 -0.84	25.39 0.25 0.00	24.27 0.21 0.00	25.14 0.12 0.00	26.45 0.14 -0.83	28.08 0.22 -1.69	28.39 0.26 -1.70	33.29 0.30 0.00	40.91 0.44 0.00	51.97 0.70 0.00	46.71 0.83 0.00	41.22 0.85 0.00	41.73 1.16 0.00	39.70 1.06 0.00	39.55 1.08 0.00
SITHE___OGDNSBRG 24021	31.35 1.48 0.00	28.14 1.40 0.00	27.50 1.40 0.00	28.28 1.32 0.00	28.54 1.24 0.00	32.34 1.32 0.00	31.42 1.21 0.00	35.10 1.23 0.00	33.24 1.10 0.00	29.21 0.50 -2.49	25.56 0.41 0.00	24.51 0.45 0.00	25.25 0.23 0.00	28.26 0.29 -2.48	31.80 0.60 -5.03	32.27 0.78 -5.06	34.07 1.07 0.00	41.98 1.51 0.00	53.40 2.13 0.00	48.00 2.12 0.00	42.34 1.97 0.00	42.86 2.29 0.00	40.71 2.07 0.00	40.49 2.01 0.00
SITHE___STERLING 23777	30.32 0.44 0.00	27.14 0.40 0.00	26.51 0.41 0.00	27.42 0.46 0.00	27.81 0.51 0.00	31.63 0.62 0.00	30.86 0.66 0.00	34.65 0.78 0.00	32.82 0.68 0.00	26.63 0.41 0.00	25.44 0.30 0.00	24.33 0.27 0.00	25.42 0.40 0.00	25.75 0.26 0.00	26.62 0.44 0.00	26.97 0.54 0.00	33.82 0.82 0.00	41.45 0.98 0.00	52.71 1.45 0.00	47.12 1.24 0.00	41.41 1.04 0.00	41.49 0.92 0.00	39.44 0.80 0.00	39.24 0.76 0.00
SLEIGHT__34_KV_TB1 80719	28.89 -0.98 0.00	25.92 -0.83 0.00	25.29 -0.81 0.00	26.34 -0.62 0.00	26.72 -0.58 0.00	30.44 -0.57 0.00	29.60 -0.61 0.00	33.16 -0.71 0.00	31.46 -0.68 0.00	25.65 -0.58 0.00	24.53 -0.62 0.00	23.50 -0.56 0.00	24.49 -0.54 0.00	25.09 -0.40 0.00	25.89 -0.28 0.00	25.97 -0.46 0.00	32.22 -0.78 0.00	39.67 -0.80 0.00	50.30 -0.96 0.00	45.25 -0.63 0.00	39.45 -0.93 0.00	39.35 -1.22 0.00	37.40 -1.24 0.00	37.31 -1.17 0.00
SOUTH CAIRO___GT 23612	31.45 1.58 0.00	28.12 1.37 0.00	27.40 1.30 0.00	28.30 1.34 0.00	28.74 1.44 0.00	32.72 1.71 0.00	32.02 1.82 0.00	36.17 2.30 0.00	34.24 2.10 0.00	27.48 1.26 0.00	26.00 0.86 0.00	24.84 0.78 0.00	25.83 0.82 0.00	26.30 0.81 0.00	26.98 0.80 0.00	27.50 1.08 0.00	34.82 1.82 0.00	43.34 2.87 0.00	55.20 3.94 0.00	49.14 3.26 0.00	43.12 2.75 0.00	43.07 2.50 0.00	40.93 2.29 0.00	40.71 2.23 0.00
SOUTH HAMPTN___IC 23720	30.83 0.95 0.00	27.53 0.79 0.00	26.84 0.74 0.00	27.56 0.60 0.00	27.99 0.69 0.00	31.96 0.95 0.00	31.33 1.12 0.00	35.64 1.77 0.00	33.92 1.78 0.00	28.00 1.78 0.00	26.81 1.67 0.00	25.69 1.62 0.00	26.67 1.65 0.00	27.17 1.69 0.00	27.87 1.84 0.14	27.66 1.70 0.47	35.04 2.04 0.00	42.77 2.31 0.00	53.80 2.54 0.00	48.13 2.25 0.00	42.41 2.04 0.00	42.55 1.98 0.00	40.86 2.34 0.12	40.40 2.17 0.25
SOUTHDOW_115KV_TB1 355954	29.35 -0.52 0.00	26.37 -0.38 0.00	25.89 -0.22 0.00	27.16 0.20 0.00	27.53 0.23 0.00	31.43 0.42 0.00	30.52 0.32 0.00	34.30 0.43 0.00	32.59 0.45 0.00	26.75 0.53 0.00	25.49 0.35 0.00	24.45 0.39 0.00	25.32 0.30 0.00	25.96 0.47 0.00	26.92 0.74 0.00	26.81 0.38 0.00	32.96 -0.04 0.00	40.49 0.02 0.00	51.70 0.44 0.00	46.80 0.92 0.00	40.51 0.13 0.00	40.53 -0.05 0.00	38.57 -0.07 0.00	38.56 0.09 0.00
SOUTHOLD_69_KV_BK 2 55809	30.42 0.54 0.00	27.15 0.41 0.00	26.46 0.36 0.00	27.16 0.19 0.00	27.63 0.33 0.00	31.65 0.64 0.00	31.14 0.93 0.00	35.51 1.63 0.00	33.93 1.79 0.00	28.12 1.90 0.00	26.96 1.82 0.00	25.91 1.85 0.00	26.94 1.92 0.00	27.47 1.98 0.00	28.18 2.15 0.14	27.93 1.98 0.47	35.32 2.33 0.00	43.15 2.69 0.00	54.33 3.06 0.00	48.69 2.81 0.00	42.87 2.49 0.00	42.92 2.35 0.00	41.11 2.60 0.12	40.68 2.45 0.25
SOUTHOLD___IC 23719	30.42 0.54 0.00	27.15 0.41 0.00	26.47 0.36 0.00	27.15 0.19 0.00	27.63 0.33 0.00	31.65 0.64 0.00	31.14 0.93 0.00	35.50 1.63 0.00	33.93 1.79 0.00	28.12 1.90 0.00	26.96 1.82 0.00	25.91 1.85 0.00	26.94 1.92 0.00	27.47 1.98 0.00	28.18 2.15 0.14	27.94 1.98 0.47	35.33 2.33 0.00	43.15 2.69 0.00	54.33 3.06 0.00	48.69 2.81 0.00	42.87 2.49 0.00	42.91 2.34 0.00	41.12 2.61 0.12	40.67 2.44 0.25
SOUTH_FORK_WT_PWR 323839	29.90 0.03 0.00	26.69 -0.05 0.00	26.01 -0.09 0.00	26.69 -0.27 0.00	27.18 -0.13 0.00	31.20 0.19 0.00	30.75 0.54 0.00	35.10 1.23 0.00	33.65 1.51 0.00	27.97 1.76 0.00	26.86 1.72 0.00	25.89 1.83 0.00	26.95 1.93 0.00	27.51 2.02 0.00	28.20 2.17 0.14	27.93 1.98 0.47	35.25 2.25 0.00	43.02 2.56 0.00	54.14 2.87 0.00	48.61 2.73 0.00	42.78 2.41 0.00	42.79 2.23 0.00	40.98 2.46 0.12	40.55 2.32 0.25
SPIERFLS_115KV_TB 1 80737	31.54 1.66 0.00	28.24 1.50 0.00	27.50 1.40 0.00	28.30 1.34 0.00	28.84 1.54 0.00	32.81 1.80 0.00	32.10 1.89 0.00	36.32 2.44 0.00	34.39 2.25 0.00	27.77 1.55 0.00	26.47 1.33 0.00	25.34 1.29 0.00	26.46 1.44 0.00	26.88 1.39 0.00	27.66 1.48 0.00	28.08 1.65 0.00	35.42 2.42 0.00	43.35 2.88 0.00	54.95 3.68 0.00	48.79 2.91 0.00	42.75 2.37 0.00	42.72 2.15 0.00	40.96 2.32 0.00	40.79 2.31 0.00
ST LAWRENCE____ 23600	30.24 0.37 0.00	27.13 0.39 0.00	26.50 0.40 0.00	27.27 0.31 0.00	27.53 0.23 0.00	31.23 0.21 0.00	30.32 0.12 0.00	33.88 0.01 0.00	32.14 0.00 0.00	26.14 -0.08 0.00	25.11 -0.04 0.00	24.00 -0.06 0.00	24.89 -0.13 0.00	25.36 -0.13 0.00	26.07 -0.10 0.00	26.35 -0.08 0.00	32.86 -0.14 0.00	40.35 -0.12 0.00	51.23 -0.03 0.00	46.03 0.15 0.00	40.61 0.24 0.00	41.10 0.53 0.00	39.12 0.48 0.00	38.98 0.50 0.00
STATE_CA_115KV_115_LB 55624	30.45 0.58 0.00	27.22 0.48 0.00	26.54 0.44 0.00	27.39 0.44 0.00	27.79 0.49 0.00	31.59 0.58 0.00	30.89 0.68 0.00	34.81 0.93 0.00	33.02 0.87 0.00	26.91 0.69 0.00	25.71 0.57 0.00	24.65 0.59 0.00	25.64 0.61 0.00	26.13 0.64 0.00	26.79 0.62 0.00	27.15 0.72 0.00	34.06 1.06 0.00	41.69 1.22 0.00	52.74 1.48 0.00	46.98 1.10 0.00	41.38 1.00 0.00	41.43 0.86 0.00	39.50 0.86 0.00	39.35 0.87 0.00

STATE_ST_34_KV_LOAD 55959	29.47 -0.40 0.00	26.47 -0.27 0.00	25.76 -0.34 0.00	26.78 -0.18 0.00	27.15 -0.15 0.00	30.94 -0.07 0.00	29.99 -0.21 0.00	33.73 -0.14 0.00	31.97 -0.18 0.00	26.02 -0.20 0.00	24.87 -0.27 0.00	23.70 -0.36 0.00	24.79 -0.23 0.00	25.30 -0.19 0.00	26.05 -0.12 0.00	26.17 -0.26 0.00	32.74 -0.26 0.00	40.32 -0.14 0.00	50.93 -0.34 0.00	45.83 -0.05 0.00	40.17 -0.20 0.00	40.19 -0.38 0.00	38.04 -0.59 0.00	37.92 -0.56 0.00
STATION 5_MISC_HYD 23604	28.85 -1.03 0.00	25.89 -0.85 0.00	25.31 -0.80 0.00	26.38 -0.58 0.00	26.74 -0.56 0.00	30.46 -0.55 0.00	29.59 -0.62 0.00	33.13 -0.75 0.00	31.45 -0.69 0.00	25.67 -0.55 0.00	24.57 -0.57 0.00	23.59 -0.47 0.00	24.54 -0.48 0.00	25.17 -0.31 0.00	26.03 -0.14 0.00	26.02 -0.41 0.00	32.13 -0.87 0.00	39.51 -0.96 0.00	50.18 -1.09 0.00	45.22 -0.67 0.00	39.32 -1.05 0.00	39.16 -1.41 0.00	37.30 -1.34 0.00	37.24 -1.23 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	29.18 -0.69 0.00	26.16 -0.59 0.00	25.56 -0.54 0.00	26.60 -0.36 0.00	26.99 -0.31 0.00	30.75 -0.26 0.00	29.93 -0.28 0.00	33.55 -0.33 0.00	31.83 -0.31 0.00	25.91 -0.31 0.00	24.78 -0.36 0.00	23.74 -0.32 0.00	24.72 -0.30 0.00	25.35 -0.14 0.00	26.17 -0.01 0.00	26.25 -0.18 0.00	32.53 -0.47 0.00	40.04 -0.42 0.00	50.88 -0.39 0.00	45.78 -0.10 0.00	39.90 -0.47 0.00	39.83 -0.74 0.00	37.85 -0.79 0.00	37.70 -0.77 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	28.73 -1.14 0.00	25.78 -0.96 0.00	25.20 -0.91 0.00	26.26 -0.70 0.00	26.62 -0.68 0.00	30.32 -0.69 0.00	29.46 -0.74 0.00	32.99 -0.89 0.00	31.31 -0.83 0.00	25.56 -0.66 0.00	24.47 -0.67 0.00	23.48 -0.58 0.00	24.44 -0.58 0.00	25.06 -0.43 0.00	25.90 -0.27 0.00	25.92 -0.51 0.00	32.02 -0.98 0.00	39.37 -1.10 0.00	50.00 -1.27 0.00	45.03 -0.86 0.00	39.18 -1.20 0.00	39.02 -1.55 0.00	37.15 -1.49 0.00	37.09 -1.39 0.00
STA_56___34_KV_BUS2 355983	28.73 -1.14 0.00	25.78 -0.96 0.00	25.20 -0.91 0.00	26.26 -0.70 0.00	26.62 -0.68 0.00	30.32 -0.69 0.00	29.46 -0.74 0.00	32.99 -0.89 0.00	31.31 -0.83 0.00	25.56 -0.66 0.00	24.47 -0.67 0.00	23.48 -0.58 0.00	24.44 -0.58 0.00	25.06 -0.43 0.00	25.90 -0.27 0.00	25.92 -0.51 0.00	32.02 -0.98 0.00	39.37 -1.10 0.00	50.00 -1.27 0.00	45.03 -0.86 0.00	39.18 -1.20 0.00	39.02 -1.55 0.00	37.15 -1.49 0.00	37.09 -1.39 0.00
STA_67___115KV_BK2 355882	28.80 -1.08 0.00	25.84 -0.90 0.00	25.26 -0.84 0.00	26.34 -0.62 0.00	26.70 -0.60 0.00	30.41 -0.61 0.00	29.55 -0.66 0.00	33.06 -0.81 0.00	31.39 -0.75 0.00	25.63 -0.60 0.00	24.54 -0.61 0.00	23.54 -0.51 0.00	24.50 -0.52 0.00	25.12 -0.37 0.00	25.98 -0.19 0.00	25.98 -0.45 0.00	32.07 -0.93 0.00	39.41 -1.06 0.00	50.07 -1.19 0.00	45.11 -0.77 0.00	39.23 -1.15 0.00	39.07 -1.50 0.00	37.21 -1.43 0.00	37.16 -1.31 0.00
STA_7___115KV_9TRANS 80674	28.96 -0.91 0.00	25.99 -0.76 0.00	25.40 -0.70 0.00	26.48 -0.48 0.00	26.84 -0.46 0.00	30.57 -0.44 0.00	29.70 -0.50 0.00	33.26 -0.61 0.00	31.57 -0.57 0.00	25.77 -0.45 0.00	24.66 -0.48 0.00	23.67 -0.39 0.00	24.65 -0.37 0.00	25.29 -0.20 0.00	26.15 -0.02 0.00	26.14 -0.29 0.00	32.29 -0.71 0.00	39.71 -0.75 0.00	50.45 -0.82 0.00	45.45 -0.43 0.00	39.53 -0.85 0.00	39.35 -1.22 0.00	37.47 -1.17 0.00	37.40 -1.08 0.00
STA_82___115KV_TB1 80780	28.81 -1.06 0.00	25.85 -0.89 0.00	25.27 -0.83 0.00	26.35 -0.61 0.00	26.71 -0.59 0.00	30.42 -0.59 0.00	29.55 -0.65 0.00	33.08 -0.80 0.00	31.40 -0.74 0.00	25.64 -0.59 0.00	24.54 -0.60 0.00	23.54 -0.51 0.00	24.50 -0.52 0.00	25.13 -0.36 0.00	25.99 -0.18 0.00	25.98 -0.45 0.00	32.08 -0.92 0.00	39.43 -1.04 0.00	50.08 -1.19 0.00	45.12 -0.76 0.00	39.25 -1.13 0.00	39.09 -1.48 0.00	37.22 -1.42 0.00	37.17 -1.31 0.00
STEEL___WIND 323596	28.58 -1.29 0.00	25.70 -1.04 0.00	25.18 -0.92 0.00	26.41 -0.55 0.00	26.77 -0.53 0.00	30.52 -0.49 0.00	29.58 -0.62 0.00	33.09 -0.78 0.00	31.40 -0.74 0.00	25.75 -0.47 0.00	24.59 -0.55 0.00	23.65 -0.41 0.00	24.53 -0.49 0.00	25.19 -0.30 0.00	26.10 -0.07 0.00	25.99 -0.44 0.00	31.83 -1.17 0.00	39.01 -1.45 0.00	49.65 -1.61 0.00	44.96 -0.92 0.00	38.91 -1.46 0.00	38.68 -1.89 0.00	36.93 -1.70 0.00	37.08 -1.40 0.00
STEPHTWN_115KV_BK_2 55603	30.59 0.71 0.00	27.29 0.55 0.00	26.58 0.48 0.00	27.46 0.50 0.00	27.86 0.56 0.00	31.72 0.72 0.00	31.03 0.83 0.00	35.03 1.15 0.00	33.19 1.04 0.00	27.01 0.79 0.00	25.78 0.64 0.00	24.69 0.63 0.00	25.69 0.67 0.00	26.18 0.69 0.00	26.87 0.69 0.00	27.22 0.79 0.00	34.23 1.23 0.00	41.96 1.50 0.00	53.02 1.76 0.00	47.27 1.39 0.00	41.56 1.18 0.00	41.66 1.09 0.00	39.65 1.01 0.00	39.50 1.02 0.00
STEUBEN_REC_LFGE 323667	29.03 -0.84 0.00	26.08 -0.67 0.00	25.55 -0.55 0.00	26.73 -0.23 0.00	27.15 -0.15 0.00	31.02 0.01 0.00	30.17 -0.03 0.00	33.87 0.00 0.00	31.99 -0.15 0.00	25.96 -0.27 0.00	24.83 -0.31 0.00	23.71 -0.35 0.00	24.65 -0.37 0.00	25.31 -0.18 0.00	26.21 0.03 0.00	26.24 -0.19 0.00	32.50 -0.50 0.00	40.08 -0.38 0.00	51.20 -0.07 0.00	46.02 0.14 0.00	40.01 -0.36 0.00	39.99 -0.58 0.00	38.04 -0.59 0.00	38.11 -0.37 0.00
STILLWATER___SOLAR 323814	31.18 1.31 0.00	27.90 1.16 0.00	27.19 1.09 0.00	28.04 1.08 0.00	28.50 1.20 0.00	32.42 1.40 0.00	31.68 1.47 0.00	35.77 1.90 0.00	33.87 1.73 0.00	27.42 1.20 0.00	26.14 1.00 0.00	25.01 0.95 0.00	26.08 1.07 0.00	26.56 1.07 0.00	27.28 1.11 0.00	27.71 1.29 0.00	34.90 1.90 0.00	42.76 2.29 0.00	54.18 2.91 0.00	48.20 2.31 0.00	42.36 1.99 0.00	42.40 1.83 0.00	40.48 1.84 0.00	40.33 1.86 0.00
STONY___BROOK 24151	31.00 1.13 0.00	27.73 0.99 0.00	27.03 0.93 0.00	27.73 0.77 0.00	28.15 0.85 0.00	32.07 1.06 0.00	31.35 1.14 0.00	35.61 1.73 0.00	33.81 1.66 0.00	27.86 1.64 0.00	26.67 1.52 0.00	25.50 1.44 0.00	26.45 1.43 0.00	26.94 1.45 0.00	27.65 1.61 0.14	27.44 1.47 0.46	34.76 1.77 0.00	42.37 1.90 0.00	53.14 1.87 0.00	47.56 1.68 0.00	41.95 1.58 0.00	42.15 1.58 0.00	40.54 2.02 0.11	40.08 1.84 0.24
STURGEON_POOL_HYD 23609	30.59 0.72 0.00	27.29 0.55 0.00	26.61 0.51 0.00	27.46 0.50 0.00	27.81 0.51 0.00	31.60 0.59 0.00	30.91 0.70 0.00	34.96 1.09 0.00	33.36 1.21 0.00	27.46 1.24 0.00	26.29 1.15 0.00	25.15 1.10 0.00	26.14 1.12 0.00	26.65 1.16 0.00	27.32 1.15 0.00	27.51 1.08 0.00	34.38 1.37 0.00	41.95 1.49 0.00	53.01 1.75 0.00	47.21 1.33 0.00	41.52 1.15 0.00	41.69 1.12 0.00	39.77 1.13 0.00	39.50 1.02 0.00
ST_LAW_115_BK7_LBMP 345037	30.29 0.42 0.00	27.19 0.44 0.00	26.55 0.45 0.00	27.32 0.36 0.00	27.57 0.27 0.00	31.27 0.25 0.00	30.36 0.15 0.00	33.93 0.05 0.00	32.18 0.03 0.00	26.17 -0.05 0.00	25.13 -0.01 0.00	24.02 -0.04 0.00	24.90 -0.11 0.00	25.37 -0.12 0.00	26.08 -0.09 0.00	26.37 -0.06 0.00	32.88 -0.12 0.00	40.38 -0.08 0.00	51.28 0.01 0.00	46.09 0.21 0.00	40.66 0.28 0.00	41.18 0.61 0.00	39.19 0.54 0.00	39.04 0.57 0.00

ST_LAW_115_BK8_LBMP 345038	30.29 0.42 0.00	27.19 0.44 0.00	26.55 0.45 0.00	27.32 0.36 0.00	27.57 0.27 0.00	31.27 0.25 0.00	30.36 0.15 0.00	33.93 0.05 0.00	32.18 0.03 0.00	26.17 -0.05 0.00	25.13 -0.01 0.00	24.02 -0.04 0.00	24.90 -0.11 0.00	25.37 -0.12 0.00	26.08 -0.09 0.00	26.37 -0.06 0.00	32.88 -0.12 0.00	40.38 -0.08 0.00	51.28 0.01 0.00	46.09 0.21 0.00	40.66 0.28 0.00	41.18 0.61 0.00	39.19 0.54 0.00	39.04 0.57 0.00
ST_LAW_230_BK5_LBMP 345035	30.24 0.37 0.00	27.13 0.39 0.00	26.50 0.40 0.00	27.27 0.31 0.00	27.53 0.23 0.00	31.23 0.21 0.00	30.32 0.12 0.00	33.88 0.01 0.00	32.14 0.00 0.00	26.14 -0.08 0.00	25.11 -0.04 0.00	24.00 -0.06 0.00	24.89 -0.13 0.00	25.36 -0.13 0.00	26.07 -0.10 0.00	26.35 -0.08 0.00	32.86 -0.14 0.00	40.35 -0.12 0.00	51.23 -0.03 0.00	46.03 0.15 0.00	40.61 0.24 0.00	41.10 0.53 0.00	39.12 0.48 0.00	38.98 0.50 0.00
ST_LAW_230_BK6_LBMP 345036	30.24 0.37 0.00	27.13 0.39 0.00	26.50 0.40 0.00	27.27 0.31 0.00	27.53 0.23 0.00	31.23 0.21 0.00	30.32 0.12 0.00	33.88 0.01 0.00	32.14 0.00 0.00	26.14 -0.08 0.00	25.11 -0.04 0.00	24.00 -0.06 0.00	24.89 -0.13 0.00	25.36 -0.13 0.00	26.07 -0.10 0.00	26.35 -0.08 0.00	32.86 -0.14 0.00	40.35 -0.12 0.00	51.23 -0.03 0.00	46.03 0.15 0.00	40.61 0.24 0.00	41.10 0.53 0.00	39.12 0.48 0.00	38.98 0.50 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	30.67 0.79 0.00	27.36 0.62 0.00	26.68 0.58 0.00	27.55 0.59 0.00	27.90 0.60 0.00	31.69 0.68 0.00	30.98 0.77 0.00	35.11 1.24 0.00	33.45 1.30 0.00	27.45 1.23 0.00	26.22 1.07 0.00	25.07 1.01 0.00	26.04 1.02 0.00	26.57 1.08 0.00	27.30 1.12 0.00	27.52 1.09 0.00	34.44 1.44 0.00	42.11 1.64 0.00	53.30 2.04 0.00	47.45 1.57 0.00	41.72 1.34 0.00	41.87 1.30 0.00	39.94 1.30 0.00	39.69 1.21 0.00
SWANROAD_115KV_TB1 355699	27.83 -2.04 0.00	25.10 -1.64 0.00	24.57 -1.53 0.00	25.79 -1.17 0.00	26.13 -1.17 0.00	29.76 -1.25 0.00	28.83 -1.38 0.00	32.04 -1.83 0.00	30.42 -1.72 0.00	24.98 -1.24 0.00	23.87 -1.27 0.00	22.98 -1.08 0.00	23.85 -1.17 0.00	24.51 -0.98 0.00	25.42 -0.75 0.00	25.28 -1.15 0.00	30.80 -2.20 0.00	37.71 -2.75 0.00	47.88 -3.39 0.00	43.35 -2.54 0.00	37.46 -2.92 0.00	37.18 -3.39 0.00	35.61 -3.03 0.00	35.80 -2.68 0.00
SYNERGY___BIOGAS 323694	29.03 -0.84 0.00	26.08 -0.66 0.00	25.51 -0.59 0.00	26.72 -0.24 0.00	27.08 -0.23 0.00	30.86 -0.15 0.00	29.96 -0.24 0.00	33.47 -0.40 0.00	31.77 -0.37 0.00	25.86 -0.36 0.00	24.61 -0.54 0.00	23.59 -0.47 0.00	24.67 -0.35 0.00	25.37 -0.11 0.00	26.37 0.20 0.00	26.17 -0.25 0.00	32.14 -0.86 0.00	39.64 -0.83 0.00	50.47 -0.80 0.00	45.62 -0.27 0.00	39.50 -0.87 0.00	39.19 -1.38 0.00	37.39 -1.25 0.00	37.42 -1.06 0.00
SYRACUSE___ENERGY_ST1 323597	29.41 -0.47 0.00	26.33 -0.42 0.00	25.69 -0.41 0.00	26.62 -0.34 0.00	26.98 -0.32 0.00	30.70 -0.31 0.00	29.87 -0.34 0.00	33.47 -0.41 0.00	31.73 -0.41 0.00	25.88 -0.35 0.00	24.80 -0.35 0.00	23.71 -0.35 0.00	24.68 -0.34 0.00	25.19 -0.30 0.00	25.91 -0.26 0.00	26.13 -0.30 0.00	32.61 -0.39 0.00	40.08 -0.39 0.00	50.78 -0.48 0.00	45.51 -0.37 0.00	39.94 -0.44 0.00	39.99 -0.59 0.00	37.99 -0.65 0.00	37.83 -0.65 0.00
SYRACUSE___ENERGY_ST2 323598	29.41 -0.47 0.00	26.33 -0.42 0.00	25.69 -0.41 0.00	26.62 -0.34 0.00	26.98 -0.32 0.00	30.70 -0.31 0.00	29.87 -0.34 0.00	33.47 -0.41 0.00	31.73 -0.41 0.00	25.88 -0.35 0.00	24.80 -0.35 0.00	23.71 -0.35 0.00	24.68 -0.34 0.00	25.19 -0.30 0.00	25.91 -0.26 0.00	26.13 -0.30 0.00	32.61 -0.39 0.00	40.08 -0.39 0.00	50.78 -0.48 0.00	45.51 -0.37 0.00	39.94 -0.44 0.00	39.99 -0.59 0.00	37.99 -0.65 0.00	37.83 -0.65 0.00
SYRACUSE___POWER 24017	29.43 -0.45 0.00	26.33 -0.42 0.00	25.70 -0.39 0.00	26.62 -0.33 0.00	26.99 -0.31 0.00	30.70 -0.31 0.00	29.89 -0.31 0.00	33.49 -0.38 0.00	31.75 -0.39 0.00	25.88 -0.34 0.00	24.80 -0.35 0.00	23.73 -0.33 0.00	24.69 -0.33 0.00	25.19 -0.30 0.00	25.91 -0.26 0.00	26.16 -0.28 0.00	32.62 -0.37 0.00	40.09 -0.38 0.00	50.87 -0.40 0.00	45.56 -0.32 0.00	39.98 -0.40 0.00	40.03 -0.55 0.00	38.05 -0.59 0.00	37.87 -0.60 0.00
TALLMAN___138KV_BK151 55660	30.70 0.82 0.00	27.38 0.63 0.00	26.69 0.59 0.00	27.56 0.60 0.00	27.88 0.59 0.00	31.66 0.65 0.00	30.94 0.73 0.00	34.93 1.06 0.00	33.31 1.17 0.00	27.40 1.18 0.00	26.20 1.05 0.00	25.05 0.99 0.00	26.00 0.98 0.00	26.56 1.07 0.00	27.29 1.12 0.00	27.48 1.05 0.00	34.33 1.34 0.00	41.89 1.43 0.00	52.99 1.72 0.00	47.15 1.27 0.00	41.45 1.07 0.00	41.64 1.07 0.00	39.73 1.09 0.00	39.50 1.02 0.00
TEALLAVE_115KV_TB7 355573	29.27 -0.61 0.00	26.19 -0.55 0.00	25.57 -0.53 0.00	26.49 -0.47 0.00	26.85 -0.45 0.00	30.53 -0.48 0.00	29.73 -0.48 0.00	33.29 -0.59 0.00	31.57 -0.58 0.00	25.74 -0.48 0.00	24.69 -0.46 0.00	23.62 -0.44 0.00	24.58 -0.44 0.00	25.09 -0.40 0.00	25.81 -0.37 0.00	26.03 -0.41 0.00	32.44 -0.56 0.00	39.84 -0.62 0.00	50.53 -0.74 0.00	45.27 -0.62 0.00	39.71 -0.67 0.00	39.75 -0.82 0.00	37.81 -0.82 0.00	37.63 -0.84 0.00
TELGRAPH_34_KV_EAST 80808	28.48 -1.40 0.00	25.64 -1.11 0.00	25.08 -1.02 0.00	26.30 -0.66 0.00	26.65 -0.65 0.00	30.37 -0.64 0.00	29.45 -0.76 0.00	32.83 -1.04 0.00	31.18 -0.96 0.00	25.52 -0.70 0.00	24.36 -0.78 0.00	23.41 -0.65 0.00	24.38 -0.64 0.00	25.05 -0.44 0.00	25.98 -0.19 0.00	25.83 -0.60 0.00	31.60 -1.40 0.00	38.80 -1.66 0.00	49.31 -1.95 0.00	44.62 -1.26 0.00	38.59 -1.79 0.00	38.31 -2.27 0.00	36.61 -2.03 0.00	36.72 -1.76 0.00
TEMPLE___115KV_TB 2 55572	29.28 -0.59 0.00	26.20 -0.55 0.00	25.58 -0.52 0.00	26.50 -0.46 0.00	26.86 -0.44 0.00	30.54 -0.46 0.00	29.74 -0.47 0.00	33.30 -0.58 0.00	31.57 -0.57 0.00	25.75 -0.47 0.00	24.70 -0.45 0.00	23.63 -0.42 0.00	24.59 -0.43 0.00	25.10 -0.39 0.00	25.81 -0.36 0.00	26.04 -0.39 0.00	32.45 -0.55 0.00	39.87 -0.60 0.00	50.56 -0.71 0.00	45.28 -0.60 0.00	39.74 -0.64 0.00	39.77 -0.79 0.00	37.82 -0.82 0.00	37.66 -0.82 0.00
TIANA____69_KV_BK 1 55817	30.92 1.05 0.00	27.61 0.87 0.00	26.92 0.82 0.00	27.64 0.68 0.00	28.07 0.77 0.00	32.04 1.02 0.00	31.38 1.17 0.00	35.69 1.81 0.00	33.93 1.79 0.00	27.99 1.77 0.00	26.78 1.63 0.00	25.63 1.57 0.00	26.60 1.59 0.00	27.10 1.61 0.00	27.80 1.77 0.14	27.59 1.63 0.47	34.98 1.98 0.00	42.70 2.23 0.00	53.72 2.45 0.00	48.02 2.14 0.00	42.34 1.97 0.00	42.49 1.92 0.00	40.82 2.30 0.12	40.34 2.11 0.25
TILDEN___115KV_TB1 80814	29.43 -0.45 0.00	26.33 -0.42 0.00	25.70 -0.39 0.00	26.62 -0.33 0.00	26.99 -0.31 0.00	30.70 -0.31 0.00	29.89 -0.31 0.00	33.49 -0.38 0.00	31.75 -0.39 0.00	25.88 -0.34 0.00	24.80 -0.35 0.00	23.73 -0.33 0.00	24.69 -0.33 0.00	25.19 -0.30 0.00	25.91 -0.26 0.00	26.16 -0.28 0.00	32.62 -0.37 0.00	40.09 -0.38 0.00	50.87 -0.40 0.00	45.56 -0.32 0.00	39.98 -0.40 0.00	40.03 -0.55 0.00	38.05 -0.59 0.00	37.87 -0.60 0.00

TRIGEN__CC 323695	30.85 0.97 0.00	27.54 0.80 0.00	26.84 0.74 0.00	27.64 0.68 0.00	28.03 0.73 0.00	31.88 0.87 0.00	31.17 0.96 0.00	35.33 1.46 0.00	33.55 1.41 0.00	27.66 1.44 0.00	26.51 1.37 -0.01	25.36 1.30 0.00	26.33 1.32 0.00	26.84 1.35 0.00	28.45 1.50 -0.77	30.42 1.43 -2.57	34.65 1.65 -0.01	42.15 1.69 0.00	53.09 1.83 0.00	47.28 1.40 0.00	41.67 1.30 0.00	41.88 1.31 0.00	40.97 1.68 -0.64	41.31 1.47 -1.36
TRINITY__115KV__ 4 BK 55933	30.35 0.47 0.00	27.14 0.39 0.00	26.44 0.34 0.00	27.30 0.34 0.00	27.70 0.40 0.00	31.49 0.47 0.00	30.78 0.57 0.00	34.69 0.82 0.00	32.91 0.76 0.00	26.81 0.59 0.00	25.62 0.48 0.00	24.57 0.51 0.00	25.55 0.53 0.00	26.03 0.54 0.00	26.69 0.52 0.00	27.05 0.62 0.00	33.91 0.91 0.00	41.50 1.03 0.00	52.51 1.25 0.00	46.77 0.89 0.00	41.21 0.83 0.00	41.27 0.70 0.00	39.36 0.72 0.00	39.22 0.74 0.00
UNION__PROCESSING_DRP 323587	28.81 -1.06 0.00	25.86 -0.88 0.00	25.28 -0.82 0.00	26.35 -0.61 0.00	26.71 -0.59 0.00	30.42 -0.59 0.00	29.56 -0.65 0.00	33.09 -0.79 0.00	31.42 -0.73 0.00	25.64 -0.59 0.00	24.54 -0.60 0.00	23.55 -0.51 0.00	24.51 -0.51 0.00	25.13 -0.36 0.00	25.99 -0.18 0.00	25.99 -0.44 0.00	32.08 -0.91 0.00	39.45 -1.02 0.00	50.11 -1.16 0.00	45.14 -0.75 0.00	39.26 -1.12 0.00	39.09 -1.48 0.00	37.23 -1.41 0.00	37.17 -1.30 0.00
UPPER HUDSON__HYD 24058	31.53 1.66 0.00	28.24 1.50 0.00	27.50 1.40 0.00	28.30 1.34 0.00	28.84 1.54 0.00	32.81 1.80 0.00	32.10 1.90 0.00	36.32 2.44 0.00	34.39 2.25 0.00	27.77 1.55 0.00	26.47 1.33 0.00	25.34 1.28 0.00	26.46 1.43 0.00	26.88 1.39 0.00	27.66 1.48 0.00	28.08 1.65 0.00	35.42 2.42 0.00	43.35 2.88 0.00	54.95 3.68 0.00	48.79 2.91 0.00	42.75 2.37 0.00	42.72 2.15 0.00	40.96 2.32 0.00	40.79 2.31 0.00
UPPER RAQUET__HYD 24056	30.93 1.06 0.00	27.78 1.04 0.00	27.16 1.06 0.00	27.95 0.99 0.00	28.19 0.89 0.00	31.90 0.88 0.00	30.94 0.73 0.00	34.54 0.67 0.00	32.76 0.61 0.00	30.06 0.30 -3.55	25.42 0.27 0.00	24.25 0.20 0.00	25.06 0.04 0.00	29.07 0.06 -3.52	33.56 0.23 -7.16	33.98 0.35 -7.20	33.51 0.51 0.00	41.26 0.79 0.00	52.58 1.31 0.00	47.29 1.41 0.00	41.79 1.42 0.00	42.32 1.75 0.00	40.23 1.60 0.00	40.05 1.57 0.00
VALLEY44_115KV_TB2 355964	28.91 -0.96 0.00	25.87 -0.87 0.00	25.33 -0.77 0.00	26.55 -0.41 0.00	26.88 -0.42 0.00	30.69 -0.32 0.00	29.78 -0.43 0.00	33.52 -0.36 0.00	31.87 -0.28 0.00	26.18 -0.04 0.00	24.93 -0.22 0.00	23.85 -0.20 0.00	24.69 -0.33 0.00	25.34 -0.15 0.00	26.28 0.11 0.00	26.20 -0.23 0.00	32.33 -0.67 0.00	39.66 -0.80 0.00	50.57 -0.69 0.00	45.67 -0.21 0.00	39.61 -0.76 0.00	39.74 -0.83 0.00	37.93 -0.71 0.00	37.89 -0.59 0.00
VALLEY__115KV_TB 1-4 80826	29.68 -0.19 0.00	26.58 -0.16 0.00	26.03 -0.07 0.00	27.01 0.05 0.00	27.40 0.10 0.00	31.15 0.14 0.00	30.45 0.25 0.00	34.41 0.54 0.00	32.48 0.34 0.00	26.24 0.02 0.00	25.00 -0.14 0.00	23.94 -0.11 0.00	25.08 0.06 0.00	25.29 -0.20 0.00	25.88 -0.29 0.00	26.24 -0.19 0.00	33.39 0.39 0.00	40.92 0.46 0.00	51.82 0.56 0.00	46.22 0.34 0.00	40.67 0.29 0.00	40.84 0.27 0.00	38.95 0.31 0.00	38.77 0.30 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	30.85 0.98 0.00	27.57 0.82 0.00	26.89 0.79 0.00	27.85 0.89 0.00	28.23 0.93 0.00	32.13 1.11 0.00	31.39 1.18 0.00	35.32 1.45 0.00	33.50 1.36 0.00	27.35 1.14 0.00	26.31 1.16 0.00	25.12 1.06 0.00	26.11 1.10 0.00	26.60 1.11 0.00	27.22 1.05 0.00	27.43 1.00 0.00	34.27 1.27 0.00	42.05 1.58 0.00	53.23 1.97 0.00	47.68 1.79 0.00	41.88 1.51 0.00	42.05 1.48 0.00	40.01 1.37 0.00	39.79 1.31 0.00
VISCHER__FERRY HYD 24020	30.76 0.88 0.00	27.51 0.77 0.00	26.81 0.70 0.00	27.66 0.70 0.00	28.09 0.79 0.00	31.93 0.92 0.00	31.20 1.00 0.00	35.22 1.34 0.00	33.38 1.24 0.00	27.14 0.92 0.00	25.89 0.75 0.00	24.79 0.73 0.00	25.82 0.80 0.00	26.31 0.82 0.00	27.01 0.83 0.00	27.42 0.99 0.00	34.38 1.38 0.00	42.03 1.57 0.00	53.23 1.96 0.00	47.36 1.47 0.00	41.76 1.38 0.00	41.80 1.23 0.00	39.89 1.25 0.00	39.80 1.32 0.00
V_A_10_SYNC_DSASP 323832	28.22 -1.65 0.00	25.38 -1.36 0.00	24.84 -1.26 0.00	26.00 -0.96 0.00	26.35 -0.95 0.00	30.02 -1.00 0.00	29.10 -1.11 0.00	32.53 -1.35 0.00	30.89 -1.26 0.00	25.32 -0.91 0.00	24.21 -0.93 0.00	23.28 -0.78 0.00	24.16 -0.86 0.00	24.80 -0.69 0.00	25.69 -0.49 0.00	25.61 -0.82 0.00	31.43 -1.57 0.00	38.53 -1.93 0.00	48.93 -2.34 0.00	44.20 -1.68 0.00	38.30 -2.08 0.00	38.10 -2.47 0.00	36.40 -2.24 0.00	36.48 -2.00 0.00
V_CMM_10_SYNC_DSASP 323787	30.46 0.58 0.00	27.33 0.59 0.00	26.69 0.59 0.00	27.46 0.50 0.00	27.72 0.42 0.00	31.44 0.42 0.00	30.52 0.32 0.00	34.10 0.23 0.00	32.35 0.21 0.00	26.30 0.08 0.00	25.27 0.12 0.00	24.15 0.09 0.00	25.03 0.01 0.00	25.51 0.02 0.00	26.24 0.06 0.00	26.51 0.09 0.00	33.06 0.06 0.00	40.59 0.13 0.00	51.54 0.27 0.00	46.32 0.44 0.00	40.87 0.49 0.00	41.38 0.81 0.00	39.38 0.74 0.00	39.24 0.76 0.00
V_CMP_10_SYNC_DSASP 323788	30.73 0.86 0.00	27.70 0.96 0.00	27.04 0.94 0.00	27.85 0.89 0.00	28.27 0.97 0.00	32.09 1.08 0.00	31.12 0.92 0.00	34.39 0.52 0.00	32.40 0.25 0.00	2.74 -0.02 23.46	25.22 0.08 0.00	24.19 0.13 0.00	25.10 0.08 0.00	2.19 -0.01 23.29	-21.27 -0.08 47.36	-21.32 -0.12 47.63	33.01 0.01 0.00	40.38 -0.08 0.00	51.71 0.44 0.00	46.37 0.49 0.00	41.34 0.97 0.00	42.21 1.64 0.00	40.35 1.71 0.00	40.47 2.00 0.00
V_D_10_SYNC_DSASP 323841	30.68 0.80 0.00	27.53 0.79 0.00	26.89 0.79 0.00	27.67 0.71 0.00	27.92 0.62 0.00	31.66 0.64 0.00	30.73 0.53 0.00	34.33 0.45 0.00	32.56 0.42 0.00	27.24 0.23 -0.80	25.39 0.24 0.00	24.27 0.21 0.00	25.14 0.12 0.00	26.41 0.14 -0.79	28.00 0.22 -1.61	28.31 0.26 -1.62	33.29 0.29 0.00	40.90 0.44 0.00	51.96 0.70 0.00	46.69 0.81 0.00	41.21 0.84 0.00	41.72 1.15 0.00	39.69 1.06 0.00	39.55 1.07 0.00
V_E_10_SYNC_DSASP 323830	31.40 1.53 0.00	27.97 1.23 0.00	27.31 1.21 0.00	28.60 1.64 0.00	29.09 1.79 0.00	33.13 2.12 0.00	32.53 2.32 0.00	36.71 2.83 0.00	34.58 2.44 0.00	27.81 1.59 0.00	26.29 1.14 0.00	24.99 0.93 0.00	26.06 1.04 0.00	26.67 1.18 0.00	27.43 1.26 0.00	27.82 1.39 0.00	35.21 2.21 0.00	43.67 3.21 0.00	55.52 4.26 0.00	49.90 4.02 0.00	43.59 3.21 0.00	43.51 2.94 0.00	41.25 2.61 0.00	40.87 2.39 0.00
V_F_30_NSYNC__DSASP 323816	31.21 1.34 0.00	27.92 1.18 0.00	27.21 1.11 0.00	28.07 1.11 0.00	28.53 1.23 0.00	32.45 1.43 0.00	31.71 1.50 0.00	35.80 1.93 0.00	33.91 1.77 0.00	27.46 1.24 0.00	26.19 1.05 0.00	25.07 1.01 0.00	26.14 1.12 0.00	26.61 1.12 0.00	27.33 1.16 0.00	27.75 1.32 0.00	34.94 1.94 0.00	42.80 2.34 0.00	54.23 2.96 0.00	48.25 2.37 0.00	42.41 2.03 0.00	42.44 1.87 0.00	40.51 1.88 0.00	40.36 1.88 0.00



V_F_30_SYNC_DSASP 323786	30.45 0.58 0.00	27.22 0.48 0.00	26.54 0.44 0.00	27.39 0.43 0.00	27.79 0.49 0.00	31.59 0.58 0.00	30.89 0.68 0.00	34.80 0.93 0.00	33.02 0.87 0.00	26.90 0.68 0.00	25.71 0.57 0.00	24.65 0.59 0.00	25.64 0.61 0.00	26.13 0.64 0.00	26.79 0.61 0.00	27.15 0.72 0.00	34.06 1.06 0.00	41.69 1.22 0.00	52.74 1.47 0.00	46.98 1.10 0.00	41.37 1.00 0.00	41.43 0.86 0.00	39.49 0.85 0.00	39.34 0.87 0.00
V_XM_10_SYNC_DSASP 323789	30.73 0.86 0.00	27.70 0.96 0.00	27.04 0.94 0.00	27.85 0.89 0.00	28.27 0.97 0.00	32.09 1.08 0.00	31.12 0.92 0.00	34.39 0.52 0.00	32.40 0.25 0.00	2.74 -0.02 23.46	25.22 0.08 0.00	24.19 0.13 0.00	25.10 0.08 0.00	2.19 -0.01 23.29	-21.27 -0.08 47.36	-21.32 -0.12 47.63	33.01 0.01 0.00	40.38 -0.08 0.00	51.71 0.44 0.00	46.37 0.49 0.00	41.34 0.97 0.00	42.21 1.64 0.00	40.35 1.71 0.00	40.47 2.00 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	30.79 0.92 0.00	27.46 0.72 0.00	26.77 0.67 0.00	27.64 0.69 0.00	27.97 0.67 0.00	31.75 0.74 0.00	31.03 0.83 0.00	35.05 1.17 0.00	33.41 1.27 0.00	27.48 1.26 0.00	26.26 1.12 0.00	25.11 1.05 0.00	26.07 1.05 0.00	26.63 1.14 0.00	27.37 1.20 0.00	27.57 1.14 0.00	34.45 1.45 0.00	42.05 1.58 0.00	53.19 1.93 0.00	47.35 1.46 0.00	41.61 1.23 0.00	41.78 1.21 0.00	39.87 1.23 0.00	39.63 1.15 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	30.89 1.02 0.00	27.56 0.82 0.00	26.88 0.78 0.00	27.73 0.77 0.00	28.09 0.79 0.00	31.90 0.89 0.00	31.22 1.02 0.00	35.29 1.42 0.00	33.65 1.51 0.00	27.73 1.51 0.00	26.53 1.38 0.00	25.43 1.37 0.00	26.40 1.39 0.00	26.94 1.45 0.00	27.65 1.48 0.00	27.84 1.42 0.00	34.76 1.77 0.00	42.31 1.85 0.00	53.36 2.09 0.00	47.46 1.58 0.00	41.78 1.41 0.00	41.97 1.40 0.00	40.07 1.43 0.00	39.79 1.31 0.00
W50THST__13_KV_LOAD 356117	31.06 1.18 0.00	27.71 0.96 0.00	27.04 0.93 0.00	27.88 0.92 0.00	28.25 0.95 0.00	32.08 1.07 0.00	31.39 1.19 0.00	35.49 1.61 0.00	33.85 1.70 0.00	27.90 1.68 0.00	26.70 1.55 0.00	25.59 1.54 0.00	26.57 1.55 0.00	27.10 1.61 0.00	27.82 1.65 0.00	28.01 1.58 0.00	34.97 1.97 0.00	42.54 2.07 0.00	53.58 2.32 0.00	47.65 1.76 0.00	41.95 1.57 0.00	42.13 1.56 0.00	40.22 1.58 0.00	39.94 1.46 0.00
WADING RIVER_IC_1 23522	30.95 1.08 0.00	27.65 0.91 0.00	26.95 0.85 0.00	27.67 0.71 0.00	28.09 0.79 0.00	32.03 1.02 0.00	31.34 1.13 0.00	35.62 1.75 0.00	33.82 1.68 0.00	27.88 1.66 0.00	26.67 1.53 0.00	25.52 1.46 0.00	26.47 1.46 0.00	26.95 1.47 0.00	27.67 1.63 0.14	27.45 1.50 0.47	34.81 1.82 0.00	42.48 2.01 0.00	53.42 2.15 0.00	47.74 1.86 0.00	42.10 1.73 0.00	42.29 1.72 0.00	40.65 2.13 0.12	40.18 1.95 0.25
WADING RIVER_IC_2 23547	30.95 1.08 0.00	27.65 0.91 0.00	26.95 0.85 0.00	27.67 0.71 0.00	28.09 0.79 0.00	32.03 1.02 0.00	31.34 1.13 0.00	35.62 1.75 0.00	33.82 1.68 0.00	27.88 1.66 0.00	26.67 1.53 0.00	25.52 1.46 0.00	26.47 1.46 0.00	26.95 1.47 0.00	27.67 1.63 0.14	27.45 1.50 0.47	34.81 1.82 0.00	42.48 2.01 0.00	53.42 2.15 0.00	47.74 1.86 0.00	42.10 1.73 0.00	42.29 1.72 0.00	40.65 2.13 0.12	40.18 1.95 0.25
WADING RIVER_IC_3 23601	30.95 1.08 0.00	27.65 0.91 0.00	26.95 0.85 0.00	27.67 0.71 0.00	28.09 0.79 0.00	32.03 1.02 0.00	31.34 1.13 0.00	35.62 1.75 0.00	33.82 1.68 0.00	27.88 1.66 0.00	26.67 1.53 0.00	25.52 1.46 0.00	26.47 1.46 0.00	26.95 1.47 0.00	27.67 1.63 0.14	27.45 1.50 0.47	34.81 1.82 0.00	42.48 2.01 0.00	53.42 2.15 0.00	47.74 1.86 0.00	42.10 1.73 0.00	42.29 1.72 0.00	40.65 2.13 0.12	40.18 1.95 0.25
WALDENNY_12_KV_BK2 80841	28.58 -1.29 0.00	25.71 -1.04 0.00	25.18 -0.92 0.00	26.42 -0.54 0.00	26.77 -0.53 0.00	30.51 -0.50 0.00	29.58 -0.62 0.00	33.07 -0.81 0.00	31.39 -0.75 0.00	25.74 -0.48 0.00	24.60 -0.55 0.00	23.66 -0.40 0.00	24.55 -0.47 0.00	25.21 -0.28 0.00	26.13 -0.05 0.00	26.02 -0.41 0.00	31.84 -1.16 0.00	39.04 -1.43 0.00	49.66 -1.61 0.00	44.95 -0.94 0.00	38.86 -1.52 0.00	38.65 -1.92 0.00	36.91 -1.72 0.00	37.06 -1.42 0.00
WALDEN__HYDRO 24148	30.81 0.94 0.00	27.49 0.74 0.00	26.80 0.70 0.00	27.67 0.71 0.00	28.03 0.73 0.00	31.84 0.83 0.00	31.14 0.94 0.00	35.25 1.38 0.00	33.59 1.45 0.00	27.56 1.34 0.00	26.32 1.18 0.00	25.18 1.12 0.00	26.15 1.13 0.00	26.68 1.19 0.00	27.39 1.22 0.00	27.62 1.19 0.00	34.59 1.59 0.00	42.31 1.84 0.00	53.56 2.29 0.00	47.68 1.79 0.00	41.92 1.54 0.00	42.06 1.49 0.00	40.11 1.47 0.00	39.84 1.37 0.00
WARRENSBURG____ 23737	31.53 1.66 0.00	28.24 1.50 0.00	27.50 1.40 0.00	28.30 1.34 0.00	28.84 1.54 0.00	32.81 1.80 0.00	32.10 1.90 0.00	36.32 2.44 0.00	34.39 2.25 0.00	27.77 1.55 0.00	26.47 1.33 0.00	25.34 1.28 0.00	26.46 1.43 0.00	26.88 1.39 0.00	27.66 1.48 0.00	28.08 1.65 0.00	35.42 2.42 0.00	43.35 2.88 0.00	54.95 3.68 0.00	48.79 2.91 0.00	42.75 2.37 0.00	42.72 2.15 0.00	40.96 2.32 0.00	40.79 2.31 0.00
WATERSIDE____6 8 9 23538	30.94 1.06 0.00	27.61 0.87 0.00	26.93 0.83 0.00	27.77 0.81 0.00	28.13 0.83 0.00	31.93 0.91 0.00	31.25 1.05 0.00	35.32 1.44 0.00	33.69 1.55 0.00	27.81 1.59 0.00	26.60 1.46 0.00	25.50 1.44 0.00	26.46 1.44 0.00	27.00 1.51 0.00	27.71 1.54 0.00	27.88 1.45 0.00	34.79 1.79 0.00	42.31 1.85 0.00	53.33 2.07 0.00	47.44 1.56 0.00	41.80 1.43 0.00	41.96 1.39 0.00	40.07 1.43 0.00	39.77 1.30 0.00
WATKINRD_115KV_LN8_ILLION 55919	29.81 -0.06 0.00	26.67 -0.07 0.00	26.05 -0.05 0.00	26.95 -0.01 0.00	27.33 0.03 0.00	31.07 0.05 0.00	30.36 0.15 0.00	34.22 0.35 0.00	32.37 0.23 0.00	26.23 0.01 0.00	25.03 -0.11 0.00	23.98 -0.08 0.00	25.07 0.05 0.00	25.41 -0.07 0.00	26.02 -0.15 0.00	26.36 -0.07 0.00	33.31 0.32 0.00	40.83 0.36 0.00	51.72 0.45 0.00	46.14 0.26 0.00	40.61 0.23 0.00	40.75 0.18 0.00	38.83 0.19 0.00	38.65 0.17 0.00
WATSON__69_KV_BK 1 55734	31.26 1.39 0.00	27.91 1.17 0.00	27.21 1.11 0.00	27.97 1.01 0.00	28.38 1.08 0.00	32.33 1.32 0.00	31.60 1.39 0.00	35.90 2.03 0.00	34.07 1.92 0.00	28.06 1.84 0.00	26.85 1.71 0.00	25.66 1.60 0.00	26.62 1.60 0.00	27.11 1.62 0.00	27.90 1.81 0.09	27.81 1.68 0.30	35.05 2.05 0.00	42.75 2.28 0.00	53.74 2.48 0.00	48.00 2.12 0.00	42.36 1.98 0.00	42.54 1.97 0.00	40.95 2.39 0.07	40.51 2.19 0.16
WDELAWARE__HYD 323627	31.09 1.21 0.00	27.73 0.99 0.00	27.04 0.94 0.00	27.92 0.96 0.00	28.30 1.00 0.00	32.16 1.15 0.00	31.45 1.24 0.00	35.50 1.63 0.00	33.84 1.70 0.00	27.71 1.49 0.00	26.44 1.30 0.00	25.25 1.19 0.00	26.22 1.20 0.00	26.73 1.24 0.00	27.44 1.27 0.00	27.67 1.25 0.00	34.70 1.70 0.00	42.63 2.16 0.00	54.02 2.75 0.00	48.18 2.30 0.00	42.33 1.96 0.00	42.49 1.92 0.00	40.47 1.83 0.00	40.17 1.69 0.00

WEST BABYLON___IC 23714	31.22 1.35 0.00	27.88 1.13 0.00	27.17 1.07 0.00	27.93 0.97 0.00	28.34 1.04 0.00	32.27 1.26 0.00	31.55 1.35 0.00	35.83 1.96 0.00	33.99 1.85 0.00	28.00 1.77 0.00	26.80 1.65 0.00	25.62 1.56 0.00	26.58 1.56 0.00	27.08 1.59 0.00	27.95 1.78 0.00	28.09 1.66 0.00	35.01 2.01 0.00	42.66 2.20 0.00	53.68 2.42 0.00	47.92 2.04 0.00	42.25 1.88 0.00	42.45 1.88 0.00	40.94 2.30 0.00	40.58 2.10 0.00
WEST CANADA___HYD 24049	29.86 -0.02 0.00	26.71 -0.03 0.00	26.08 -0.03 0.00	26.95 -0.01 0.00	27.30 0.00 0.00	31.01 0.00 0.00	30.24 0.03 0.00	33.94 0.07 0.00	32.21 0.07 0.00	26.28 0.06 0.00	25.18 0.04 0.00	24.10 0.04 0.00	25.08 0.06 0.00	25.52 0.03 0.00	26.20 0.03 0.00	26.47 0.04 0.00	33.08 0.08 0.00	40.55 0.08 0.00	51.37 0.10 0.00	45.91 0.03 0.00	40.41 0.03 0.00	40.57 0.00 0.00	38.64 0.01 0.00	38.48 0.00 0.00
WESTERN_NY_WIND 24143	28.98 -0.90 0.00	26.05 -0.69 0.00	25.48 -0.62 0.00	26.69 -0.27 0.00	27.04 -0.26 0.00	30.82 -0.19 0.00	29.93 -0.28 0.00	33.42 -0.45 0.00	31.73 -0.42 0.00	25.83 -0.39 0.00	24.58 -0.56 0.00	23.56 -0.50 0.00	24.65 -0.37 0.00	25.35 -0.14 0.00	26.34 0.17 0.00	26.15 -0.28 0.00	32.10 -0.89 0.00	39.57 -0.89 0.00	50.38 -0.88 0.00	45.55 -0.33 0.00	39.43 -0.95 0.00	39.12 -1.45 0.00	37.33 -1.31 0.00	37.37 -1.11 0.00
WESTOVER___LESR 323668	29.56 -0.31 0.00	26.42 -0.32 0.00	25.81 -0.29 0.00	26.79 -0.17 0.00	27.15 -0.15 0.00	30.90 -0.11 0.00	30.13 -0.08 0.00	33.87 -0.01 0.00	32.10 -0.04 0.00	26.22 0.00 0.00	25.06 -0.08 0.00	23.97 -0.09 0.00	24.93 -0.09 0.00	25.44 -0.05 0.00	26.17 0.00 0.00	26.36 -0.07 0.00	32.92 -0.08 0.00	40.41 -0.05 0.00	51.27 0.00 0.00	46.02 0.14 0.00	40.30 -0.08 0.00	40.51 -0.06 0.00	38.51 -0.12 0.00	38.34 -0.14 0.00
WETHRSFD_WT_PWR 323626	28.48 -1.40 0.00	25.61 -1.13 0.00	25.11 -0.99 0.00	26.29 -0.66 0.00	26.68 -0.62 0.00	30.44 -0.57 0.00	29.56 -0.65 0.00	33.08 -0.79 0.00	31.30 -0.85 0.00	25.51 -0.71 0.00	24.41 -0.73 0.00	23.36 -0.69 0.00	24.32 -0.70 0.00	24.98 -0.51 0.00	25.81 -0.36 0.00	25.74 -0.69 0.00	31.64 -1.36 0.00	38.98 -1.49 0.00	49.69 -1.57 0.00	44.82 -1.06 0.00	38.80 -1.58 0.00	38.70 -1.87 0.00	36.92 -1.72 0.00	37.08 -1.40 0.00
WHAVSTOR_138KV_BK127 55557	30.68 0.80 0.00	27.36 0.62 0.00	26.68 0.58 0.00	27.55 0.59 0.00	27.86 0.56 0.00	31.63 0.62 0.00	30.92 0.71 0.00	34.91 1.03 0.00	33.28 1.14 0.00	27.38 1.16 0.00	26.17 1.02 0.00	25.02 0.96 0.00	25.97 0.96 0.00	26.53 1.04 0.00	27.26 1.09 0.00	27.45 1.01 0.00	34.30 1.30 0.00	41.85 1.38 0.00	52.93 1.66 0.00	47.10 1.22 0.00	41.41 1.04 0.00	41.60 1.03 0.00	39.70 1.06 0.00	39.47 0.99 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	30.68 0.80 0.00	27.36 0.62 0.00	26.68 0.58 0.00	27.55 0.59 0.00	27.86 0.56 0.00	31.63 0.62 0.00	30.92 0.71 0.00	34.91 1.03 0.00	33.28 1.14 0.00	27.38 1.16 0.00	26.17 1.02 0.00	25.02 0.96 0.00	25.97 0.96 0.00	26.53 1.04 0.00	27.26 1.09 0.00	27.45 1.01 0.00	34.30 1.30 0.00	41.85 1.38 0.00	52.93 1.66 0.00	47.10 1.22 0.00	41.41 1.04 0.00	41.60 1.03 0.00	39.70 1.06 0.00	39.47 0.99 0.00
WHITEHAL_115KV_TB1 80871	31.87 2.00 0.00	28.71 1.96 0.00	27.87 1.76 0.00	28.58 1.62 0.00	29.29 1.99 0.00	33.30 2.29 0.00	32.66 2.45 0.00	37.19 3.32 0.00	35.11 2.96 0.00	28.01 1.79 0.00	26.68 1.54 0.00	25.71 1.65 0.00	26.92 1.90 0.00	27.46 1.97 0.00	28.46 2.29 0.00	28.92 2.49 0.00	36.59 3.59 0.00	44.83 4.36 0.00	56.82 5.55 0.00	50.08 4.20 0.00	43.64 3.27 0.00	43.43 2.86 0.00	41.71 3.07 0.00	41.71 3.24 0.00
WHITEPLN_13_KV_LOAD 356215	31.04 1.17 0.00	27.68 0.94 0.00	26.99 0.89 0.00	27.86 0.90 0.00	28.23 0.93 0.00	32.09 1.08 0.00	31.39 1.18 0.00	35.49 1.62 0.00	33.81 1.67 0.00	27.83 1.61 0.00	26.61 1.46 0.00	25.49 1.43 0.00	26.48 1.46 0.00	27.02 1.53 0.00	27.73 1.56 0.00	27.94 1.52 0.00	34.93 1.94 0.00	42.61 2.15 0.00	53.84 2.57 0.00	47.90 2.02 0.00	42.14 1.76 0.00	42.31 1.74 0.00	40.34 1.70 0.00	40.07 1.59 0.00
WM_FLOYD_69_KV_BK2 356380	30.99 1.11 0.00	27.68 0.93 0.00	26.98 0.88 0.00	27.71 0.75 0.00	28.13 0.83 0.00	32.06 1.05 0.00	31.36 1.15 0.00	35.64 1.77 0.00	33.82 1.68 0.00	27.87 1.65 0.00	26.65 1.51 0.00	25.48 1.42 0.00	26.43 1.41 0.00	26.92 1.43 0.00	27.63 1.59 0.14	27.42 1.46 0.46	34.77 1.77 0.00	42.46 1.99 0.00	53.40 2.13 0.00	47.70 1.82 0.00	42.08 1.71 0.00	42.27 1.70 0.00	40.65 2.13 0.12	40.17 1.94 0.24
WOODARD___115KV_TB2 355635	29.24 -0.63 0.00	26.17 -0.57 0.00	25.55 -0.55 0.00	26.46 -0.51 0.00	26.81 -0.49 0.00	30.49 -0.52 0.00	29.68 -0.53 0.00	33.22 -0.65 0.00	31.51 -0.64 0.00	25.70 -0.52 0.00	24.66 -0.49 0.00	23.58 -0.47 0.00	24.54 -0.48 0.00	25.04 -0.45 0.00	25.75 -0.42 0.00	25.98 -0.45 0.00	32.38 -0.62 0.00	39.78 -0.69 0.00	50.43 -0.84 0.00	45.18 -0.70 0.00	39.66 -0.72 0.00	39.71 -0.87 0.00	37.75 -0.88 0.00	37.59 -0.88 0.00
YORK___WARBASSE 23770	31.06 1.19 0.00	27.71 0.97 0.00	27.06 0.96 0.00	27.90 0.94 0.00	28.27 0.97 0.00	32.08 1.07 0.00	31.41 1.21 0.00	35.49 1.62 0.00	33.88 1.73 0.00	27.95 1.73 0.00	26.72 1.58 0.00	25.61 1.55 0.00	26.57 1.55 0.00	27.11 1.62 0.00	27.84 1.66 0.00	27.99 1.56 0.00	34.93 1.93 0.00	42.46 1.99 0.00	53.50 2.24 0.00	47.60 1.72 0.00	42.03 1.65 0.00	42.15 1.58 0.00	40.27 1.63 0.00	39.97 1.49 0.00