

# Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

12/18/2023

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1	23.12	21.10	20.60	20.50	21.13	23.38	28.10	29.61	30.93	31.06	31.27	31.74	31.19	30.43	29.48	30.26	36.25	41.10	36.88	33.50	30.09	28.15	26.65	25.49
24138	1.08	0.87	0.87	0.81	0.79	0.79	1.26	1.60	1.83	1.81	1.63	1.65	1.71	1.75	1.82	1.79	2.50	3.22	2.67	2.16	1.73	1.59	1.48	1.31
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	23.14	21.21	20.64	20.54	21.15	23.40	28.07	29.59	30.87	30.98	31.27	31.74	31.19	30.40	29.48	30.28	36.18	41.03	36.81	33.50	30.03	28.13	26.47	25.42
24260	1.10	0.97	0.91	0.85	0.81	0.81	1.23	1.57	1.77	1.73	1.63	1.65	1.71	1.72	1.83	1.82	2.43	3.14	2.60	2.16	1.67	1.57	1.31	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
74TH STREET_GT_2	23.14	21.21	20.64	20.54	21.15	23.40	28.07	29.59	30.87	30.98	31.27	31.74	31.19	30.40	29.48	30.28	36.18	41.03	36.81	33.50	30.03	28.13	26.47	25.42
24261	1.10	0.97	0.91	0.85	0.81	0.81	1.23	1.57	1.77	1.73	1.63	1.65	1.71	1.72	1.83	1.82	2.43	3.14	2.60	2.16	1.67	1.57	1.31	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
ADK HUDSON___FALLS	23.08	21.15	20.60	20.54	21.04	23.44	27.94	29.28	30.44	30.71	31.24	31.77	31.04	30.17	29.12	30.06	35.84	40.53	36.30	33.09	29.86	27.89	26.22	25.08
24011	1.04	0.91	0.87	0.85	0.71	0.86	1.10	1.26	1.34	1.46	1.60	1.68	1.56	1.49	1.47	1.59	2.09	2.65	2.09	1.75	1.50	1.33	1.06	0.89
	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
ADK RESOURCE___RCVRY	23.16	21.21	20.66	20.62	21.13	23.51	28.07	29.39	30.58	30.86	31.39	31.92	31.16	30.29	29.23	30.14	36.01	40.72	36.54	33.21	29.97	28.02	26.37	25.18
23798	1.12	0.97	0.93	0.93	0.79	0.93	1.24	1.37	1.48	1.61	1.75	1.84	1.68	1.61	1.58	1.68	2.26	2.84	2.33	1.88	1.62	1.46	1.21	0.99
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	23.08	21.15	20.60	20.54	21.04	23.44	27.94	29.28	30.44	30.71	31.24	31.77	31.04	30.17	29.12	30.06	35.84	40.53	36.30	33.09	29.86	27.89	26.22	25.08
24028	1.04	0.91	0.87	0.85	0.71	0.86	1.10	1.26	1.34	1.46	1.60	1.68	1.56	1.49	1.47	1.59	2.09	2.65	2.09	1.75	1.50	1.33	1.06	0.89
	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
ADK_NYS___DAM	22.57	20.68	20.20	20.13	20.70	22.99	27.43	29.02	30.09	30.07	30.71	31.14	30.51	29.71	28.56	29.57	35.37	40.04	35.78	32.56	29.38	27.62	26.12	24.94
23527	0.53	0.44	0.47	0.43	0.37	0.41	0.59	1.01	0.99	0.82	1.07	1.05	1.03	1.03	0.91	1.11	1.62	2.16	1.57	1.22	1.02	1.06	0.96	0.75
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	22.02	20.28	19.75	19.70	20.29	22.45	26.68	28.07	29.18	29.31	29.82	30.30	29.66	28.88	27.85	28.75	34.25	38.68	34.65	31.62	28.53	26.72	25.24	24.21
24190	-0.02	0.04	0.02	0.00	-0.04	-0.14	-0.16	0.06	0.09	0.06	0.18	0.21	0.18	0.20	0.19	0.28	0.51	0.80	0.44	0.28	0.17	0.16	0.08	0.02
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	21.89	20.09	19.63	19.66	20.33	22.59	26.78	28.02	29.10	29.25	29.61	30.12	29.51	28.71	27.62	28.35	33.34	36.97	33.63	30.96	28.10	26.35	24.99	24.07
355683	-0.15	-0.14	-0.10	-0.04	0.00	0.00	-0.05	0.00	0.00	0.00	-0.03	0.03	0.03	0.03	-0.03	-0.11	-0.40	-0.91	-0.58	-0.38	-0.26	-0.21	-0.18	-0.12
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	22.52	20.70	20.16	20.11	20.72	22.97	27.29	28.69	29.80	29.95	30.44	30.93	30.28	29.46	28.40	29.32	34.93	39.44	35.37	32.27	29.15	27.30	25.79	24.74
323833	0.48	0.47	0.43	0.41	0.39	0.38	0.46	0.67	0.70	0.70	0.80	0.84	0.80	0.77	0.75	0.85	1.18	1.55	1.16	0.94	0.79	0.74	0.63	0.56
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	22.52	20.70	20.16	20.11	20.72	22.97	27.29	28.69	29.80	29.95	30.44	30.93	30.28	29.46	28.40	29.32	34.90	39.44	35.37	32.27	29.15	27.30	25.79	24.74
323834	0.48	0.47	0.43	0.41	0.39	0.38	0.46	0.67	0.70	0.70	0.80	0.84	0.80	0.77	0.75	0.85	1.15	1.55	1.16	0.94	0.79	0.74	0.63	0.56
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	22.02	20.28	19.75	19.70	20.29	22.45	26.68	28.07	29.18	29.31	29.82	30.30	29.66	28.88	27.85	28.75	34.25	38.68	34.65	31.62	28.53	26.72	25.24	24.21
23571	-0.02	0.04	0.02	0.00	-0.04	-0.14	-0.16	0.06	0.09	0.06	0.18	0.21	0.18	0.20	0.19	0.28	0.51	0.80	0.44	0.28	0.17	0.16	0.08	0.02
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	22.02 -0.02 0.00	20.28 0.04 0.00	19.75 0.02 0.00	19.70 0.00 0.00	20.29 -0.04 0.00	22.45 -0.14 0.00	26.68 -0.16 0.00	28.07 0.06 0.00	29.18 0.09 0.00	29.31 0.06 0.00	29.82 0.18 0.00	30.30 0.21 0.00	29.66 0.18 0.00	28.88 0.20 0.00	27.85 0.19 0.00	28.75 0.28 0.00	34.25 0.51 0.00	38.68 0.80 0.00	34.65 0.44 0.00	31.62 0.28 0.00	28.53 0.17 0.00	26.72 0.16 0.00	25.24 0.08 0.00	24.21 0.02 0.00
ALBANY___3 23573	22.02 -0.02 0.00	20.28 0.04 0.00	19.75 0.02 0.00	19.70 0.00 0.00	20.29 -0.04 0.00	22.45 -0.14 0.00	26.68 -0.16 0.00	28.07 0.06 0.00	29.18 0.09 0.00	29.31 0.06 0.00	29.82 0.18 0.00	30.30 0.21 0.00	29.66 0.18 0.00	28.88 0.20 0.00	27.85 0.19 0.00	28.75 0.28 0.00	34.25 0.51 0.00	38.68 0.80 0.00	34.65 0.44 0.00	31.62 0.28 0.00	28.53 0.17 0.00	26.72 0.16 0.00	25.24 0.08 0.00	24.21 0.02 0.00
ALBANY___4 23574	22.02 -0.02 0.00	20.28 0.04 0.00	19.75 0.02 0.00	19.70 0.00 0.00	20.29 -0.04 0.00	22.45 -0.14 0.00	26.68 -0.16 0.00	28.07 0.06 0.00	29.18 0.09 0.00	29.31 0.06 0.00	29.82 0.18 0.00	30.30 0.21 0.00	29.66 0.18 0.00	28.88 0.20 0.00	27.85 0.19 0.00	28.75 0.28 0.00	34.25 0.51 0.00	38.68 0.80 0.00	34.65 0.44 0.00	31.62 0.28 0.00	28.53 0.17 0.00	26.72 0.16 0.00	25.24 0.08 0.00	24.21 0.02 0.00
ALBANY___LFGE 323615	22.21 0.18 0.00	20.42 0.18 0.00	19.93 0.20 0.00	19.87 0.18 0.00	20.46 0.12 0.00	22.68 0.09 0.00	26.94 0.11 0.00	28.35 0.34 0.00	29.50 0.41 0.00	29.63 0.38 0.00	30.11 0.47 0.00	30.57 0.48 0.00	29.95 0.47 0.00	29.17 0.49 0.00	28.12 0.47 0.00	29.00 0.54 0.00	34.59 0.84 0.00	39.09 1.21 0.00	35.06 0.86 0.00	31.93 0.59 0.00	28.81 0.45 0.00	27.04 0.48 0.00	25.56 0.40 0.00	24.45 0.27 0.00
ALCOA_PA_115KV_PL-6C 55860	22.02 -0.02 0.00	20.24 0.00 0.00	19.75 0.02 0.00	19.80 0.10 0.00	20.48 0.14 0.00	22.72 0.14 0.00	26.92 0.08 0.00	28.16 0.14 0.00	29.24 0.15 0.00	29.40 0.15 0.00	29.76 0.12 0.00	30.30 0.21 0.00	29.72 0.24 0.00	28.88 0.20 0.00	27.79 0.14 0.00	28.52 0.06 0.00	33.41 -0.34 0.00	37.05 -0.83 0.00	33.70 -0.51 0.00	31.82 -0.31 -0.80	28.24 -0.11 0.00	26.48 -0.08 0.00	25.14 -0.03 0.00	24.21 0.02 0.00
ALCOA_RYNLDS___DRP 24188	22.02 -0.02 0.00	20.24 0.00 0.00	19.75 0.02 0.00	19.80 0.10 0.00	20.48 0.14 0.00	22.72 0.14 0.00	26.92 0.08 0.00	28.16 0.14 0.00	29.24 0.15 0.00	29.40 0.15 0.00	29.76 0.12 0.00	30.30 0.21 0.00	29.72 0.24 0.00	28.88 0.20 0.00	27.79 0.14 0.00	28.52 0.06 0.00	33.41 -0.34 0.00	37.05 -0.83 0.00	33.70 -0.51 0.00	31.82 -0.31 -0.80	28.24 -0.11 0.00	26.48 -0.08 0.00	25.14 -0.03 0.00	24.21 0.02 0.00
ALCOA___DSASP 323711	22.02 -0.02 0.00	20.24 0.00 0.00	19.75 0.02 0.00	19.80 0.10 0.00	20.48 0.14 0.00	22.72 0.14 0.00	26.92 0.08 0.00	28.16 0.14 0.00	29.24 0.15 0.00	29.43 0.18 0.00	29.76 0.12 0.00	30.30 0.21 0.00	29.72 0.23 0.00	28.88 0.20 0.00	27.79 0.14 0.00	28.49 0.03 0.00	33.41 -0.34 0.00	37.05 -0.83 0.00	33.56 -0.65 0.00	31.82 -0.31 -0.80	28.24 -0.11 0.00	26.48 -0.08 0.00	25.14 -0.03 0.00	24.21 0.02 0.00
ALLEGHENY___COGEN 23514	23.23 1.19 0.00	21.43 1.19 0.00	20.74 1.01 0.00	20.66 0.96 0.00	21.41 1.08 0.00	23.90 1.31 0.00	28.45 1.61 0.00	29.19 1.18 0.00	30.09 0.99 0.00	30.07 0.82 0.00	30.41 0.77 0.00	30.72 0.63 0.00	29.95 0.47 0.00	28.91 0.23 0.00	28.01 0.36 0.00	29.09 0.63 0.00	34.53 0.78 0.00	39.40 1.52 0.00	35.92 1.71 0.00	32.81 1.47 0.00	29.86 1.50 0.00	27.62 1.06 0.00	26.07 0.90 0.00	25.15 0.97 0.00
ALTAMONT_115KV_TB 2 55880	22.35 0.31 0.00	20.54 0.30 0.00	20.01 0.28 0.00	19.95 0.26 0.00	20.56 0.22 0.00	22.81 0.23 0.00	27.13 0.30 0.00	28.49 0.48 0.00	29.62 0.52 0.00	29.75 0.50 0.00	30.20 0.56 0.00	30.66 0.57 0.00	30.04 0.56 0.00	29.25 0.57 0.00	28.21 0.55 0.00	29.12 0.65 0.00	34.66 0.91 0.00	39.17 1.29 0.00	35.13 0.92 0.00	32.09 0.75 0.00	28.95 0.60 0.00	27.12 0.56 0.00	25.62 0.45 0.00	24.57 0.39 0.00
ALTONA_WT_PWR 323606	21.25 -0.79 0.00	19.57 -0.67 0.00	19.24 -0.49 0.00	19.56 -0.14 0.00	20.39 0.06 0.00	22.86 0.27 0.00	27.13 0.30 0.00	28.38 0.36 0.00	29.50 0.41 0.00	29.63 0.38 0.00	29.70 0.06 0.00	30.39 0.30 0.00	29.84 0.36 0.00	29.08 0.40 0.00	27.82 0.17 0.00	28.01 -0.46 0.00	32.50 -1.25 0.00	35.95 -1.93 0.00	32.43 -1.78 0.00	0.06 -1.47 29.81	27.11 -1.25 0.00	25.60 -0.96 0.00	24.46 -0.70 0.00	23.75 -0.43 0.00
AMERICAN_REF_FUEL 24010	21.60 -0.44 0.00	20.07 -0.16 0.00	19.47 -0.26 0.00	19.40 -0.29 0.00	20.05 -0.28 0.00	22.25 -0.34 0.00	26.22 -0.62 0.00	26.39 -1.63 0.00	27.35 -1.75 0.00	27.50 -1.75 0.00	27.83 -1.81 0.00	28.16 -1.93 0.00	27.51 -1.97 0.00	26.53 -2.15 0.00	25.52 -2.13 0.00	26.41 -2.05 0.00	30.81 -2.94 0.00	34.82 -3.07 0.00	31.85 -2.36 0.00	29.11 -2.22 0.00	26.68 -1.67 0.00	24.67 -1.89 0.00	23.53 -1.64 0.00	22.95 -1.23 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	22.83 0.79 0.00	21.19 0.95 0.00	20.50 0.77 0.00	20.43 0.73 0.00	21.09 0.75 0.00	23.42 0.84 0.00	27.69 0.86 0.00	27.90 -0.11 0.00	28.95 -0.14 0.00	29.02 -0.24 0.00	29.32 -0.33 0.00	29.58 -0.51 0.00	28.75 -0.74 0.00	27.65 -1.03 0.00	26.63 -1.02 0.00	27.61 -0.85 0.00	32.36 -1.39 0.00	36.71 -1.17 0.00	33.46 -0.75 0.00	30.62 -0.72 0.00	28.05 -0.31 0.00	25.87 -0.69 0.00	24.51 -0.65 0.00	23.87 -0.32 0.00
ARTHUR KILL_GT_1 23520	23.11 1.06 -0.01	21.27 1.03 -0.01	20.68 0.95 -0.01	20.61 0.91 -0.01	21.23 0.89 -0.01	23.40 0.81 0.00	27.88 1.05 0.00	29.10 1.09 0.01	30.43 1.34 0.01	30.59 1.35 0.01	30.73 1.10 0.01	31.16 1.08 0.01	30.65 1.18 0.01	29.91 1.23 0.01	29.03 1.38 0.01	29.74 1.28 0.01	35.73 1.99 0.01	40.60 2.73 0.01	36.46 2.26 0.01	33.14 1.82 0.01	29.63 1.28 0.01	27.72 1.17 0.01	26.44 1.28 0.00	25.71 1.52 0.00
ARTHUR_KILL_2 23512	23.04 0.99 -0.01	21.21 0.97 -0.01	20.63 0.89 -0.01	20.57 0.87 -0.01	21.19 0.85 -0.01	23.33 0.74 0.00	27.80 0.96 0.00	29.02 1.01 0.01	30.34 1.25 0.01	30.50 1.26 0.01	30.67 1.04 0.01	31.07 0.99 0.01	30.57 1.09 0.01	29.85 1.18 0.01	28.94 1.30 0.01	29.65 1.20 0.01	35.60 1.85 0.01	40.49 2.61 0.01	36.36 2.16 0.01	33.02 1.69 0.01	29.51 1.16 0.01	27.64 1.09 0.01	26.40 1.23 0.00	25.64 1.45 0.00
ARTHUR_KILL_3 23513	22.94 0.90 0.00	20.94 0.71 0.00	20.44 0.71 0.00	20.35 0.65 0.00	20.94 0.61 0.00	23.17 0.59 0.00	27.86 1.02 0.00	29.36 1.34 0.00	30.64 1.54 0.00	30.77 1.52 0.00	31.01 1.36 0.00	31.44 1.36 0.00	30.90 1.42 0.00	30.14 1.46 0.00	29.23 1.58 0.00	30.03 1.56 0.00	35.91 2.16 0.00	40.76 2.88 0.00	36.54 2.33 0.00	33.21 1.88 0.00	29.86 1.50 0.00	27.97 1.41 0.00	26.44 1.28 0.00	25.30 1.11 0.00

ARTHUR_KILL_COGEN 323718	23.11 1.06 -0.01	21.27 1.03 -0.01	20.68 0.95 -0.01	20.61 0.91 -0.01	21.23 0.89 -0.01	23.40 0.81 0.00	27.88 1.05 0.00	29.10 1.09 0.01	30.43 1.34 0.01	30.59 1.35 0.01	30.73 1.10 0.01	31.16 1.08 0.01	30.65 1.18 0.01	29.91 1.23 0.01	29.03 1.38 0.01	29.74 1.28 0.01	35.73 1.99 0.01	40.60 2.73 0.01	36.46 2.26 0.01	33.14 1.82 0.01	29.63 1.28 0.01	27.72 1.17 0.01	26.44 1.28 0.00	25.71 1.52 0.00
ASHOKAN____ 23654	22.90 0.86 0.00	21.00 0.77 0.00	20.46 0.73 0.00	20.40 0.71 0.00	21.04 0.71 0.00	23.22 0.63 0.00	27.69 0.86 0.00	29.02 1.01 0.00	30.14 1.05 0.00	30.27 1.02 0.00	30.62 0.98 0.00	31.11 1.02 0.00	30.45 0.97 0.00	29.66 0.98 0.00	28.59 0.94 0.00	29.60 1.14 0.00	35.40 1.65 0.00	40.27 2.39 0.00	36.16 1.95 0.00	32.84 1.50 0.00	29.66 1.31 0.00	27.78 1.22 0.00	26.22 1.06 0.00	25.18 0.99 0.00
ASTORIA_EAST_ENERGY_CC1 323581	23.17 1.12 -0.01	21.21 0.97 -0.01	20.72 0.99 -0.01	20.63 0.93 -0.01	21.23 0.89 -0.01	23.33 0.74 0.00	27.94 1.10 0.00	29.27 1.26 0.01	30.60 1.51 0.01	30.73 1.49 0.01	30.97 1.34 0.01	31.37 1.29 0.01	30.86 1.39 0.01	30.13 1.46 0.01	29.22 1.58 0.01	29.96 1.51 0.01	35.87 2.13 0.01	40.68 2.80 0.01	36.53 2.33 0.01	33.21 1.88 0.01	29.77 1.42 0.01	27.85 1.30 0.01	26.44 1.28 0.00	25.54 1.35 0.00
ASTORIA_EAST_ENERGY_CC2 323582	23.17 1.12 -0.01	21.21 0.97 -0.01	20.72 0.99 -0.01	20.63 0.93 -0.01	21.23 0.89 -0.01	23.33 0.74 0.00	27.94 1.10 0.00	29.27 1.26 0.01	30.60 1.51 0.01	30.73 1.49 0.01	30.97 1.34 0.01	31.37 1.29 0.01	30.86 1.39 0.01	30.13 1.46 0.01	29.22 1.58 0.01	29.96 1.51 0.01	35.87 2.13 0.01	40.68 2.80 0.01	36.53 2.33 0.01	33.21 1.88 0.01	29.77 1.42 0.01	27.85 1.30 0.01	26.44 1.28 0.00	25.54 1.35 0.00
ASTORIA_GT2_1 24094	23.19 1.15 -0.01	21.31 1.07 -0.01	20.74 1.01 -0.01	20.65 0.95 -0.01	21.23 0.89 -0.01	23.35 0.77 0.00	27.94 1.10 0.00	29.31 1.29 0.00	30.58 1.48 0.00	30.68 1.43 0.00	31.00 1.36 0.00	31.44 1.35 0.00	30.93 1.44 0.00	30.14 1.46 0.00	29.26 1.60 0.00	30.03 1.57 0.00	35.84 2.09 0.00	40.65 2.77 0.00	36.50 2.29 0.00	33.21 1.88 0.00	29.75 1.39 0.00	27.83 1.27 0.00	26.27 1.11 0.00	25.37 1.19 0.00
ASTORIA_GT2_2 24095	23.19 1.15 -0.01	21.31 1.07 -0.01	20.74 1.01 -0.01	20.65 0.95 -0.01	21.23 0.89 -0.01	23.35 0.77 0.00	27.94 1.10 0.00	29.31 1.29 0.00	30.58 1.48 0.00	30.68 1.43 0.00	31.00 1.36 0.00	31.44 1.35 0.00	30.93 1.44 0.00	30.14 1.46 0.00	29.26 1.60 0.00	30.03 1.57 0.00	35.84 2.09 0.00	40.65 2.77 0.00	36.50 2.29 0.00	33.21 1.88 0.00	29.75 1.39 0.00	27.83 1.27 0.00	26.27 1.11 0.00	25.37 1.19 0.00
ASTORIA_GT2_3 24096	23.19 1.15 -0.01	21.31 1.07 -0.01	20.74 1.01 -0.01	20.65 0.95 -0.01	21.23 0.89 -0.01	23.35 0.77 0.00	27.94 1.10 0.00	29.31 1.29 0.00	30.58 1.48 0.00	30.68 1.43 0.00	31.00 1.36 0.00	31.44 1.35 0.00	30.93 1.44 0.00	30.14 1.46 0.00	29.26 1.60 0.00	30.03 1.57 0.00	35.84 2.09 0.00	40.65 2.77 0.00	36.50 2.29 0.00	33.21 1.88 0.00	29.75 1.39 0.00	27.83 1.27 0.00	26.27 1.11 0.00	25.37 1.19 0.00
ASTORIA_GT2_4 24097	23.19 1.15 -0.01	21.31 1.07 -0.01	20.74 1.01 -0.01	20.65 0.95 -0.01	21.23 0.89 -0.01	23.35 0.77 0.00	27.94 1.10 0.00	29.31 1.29 0.00	30.58 1.48 0.00	30.68 1.43 0.00	31.00 1.36 0.00	31.44 1.35 0.00	30.93 1.44 0.00	30.14 1.46 0.00	29.26 1.60 0.00	30.03 1.57 0.00	35.84 2.09 0.00	40.65 2.77 0.00	36.50 2.29 0.00	33.21 1.88 0.00	29.75 1.39 0.00	27.83 1.27 0.00	26.27 1.11 0.00	25.37 1.19 0.00
ASTORIA_GT3_1 24098	23.19 1.15 -0.01	21.31 1.07 -0.01	20.74 1.01 -0.01	20.65 0.95 -0.01	21.23 0.89 -0.01	23.35 0.77 0.00	27.94 1.10 0.00	29.31 1.29 0.00	30.58 1.48 0.00	30.68 1.43 0.00	31.00 1.36 0.00	31.44 1.35 0.00	30.93 1.44 0.00	30.14 1.46 0.00	29.26 1.60 0.00	30.03 1.57 0.00	35.84 2.09 0.00	40.65 2.77 0.00	36.50 2.29 0.00	33.21 1.88 0.00	29.75 1.39 0.00	27.83 1.27 0.00	26.27 1.11 0.00	25.37 1.19 0.00
ASTORIA_GT3_2 24099	23.19 1.15 -0.01	21.31 1.07 -0.01	20.74 1.01 -0.01	20.65 0.95 -0.01	21.23 0.89 -0.01	23.35 0.77 0.00	27.94 1.10 0.00	29.31 1.29 0.00	30.58 1.48 0.00	30.68 1.43 0.00	31.00 1.36 0.00	31.44 1.35 0.00	30.93 1.44 0.00	30.14 1.46 0.00	29.26 1.60 0.00	30.03 1.57 0.00	35.84 2.09 0.00	40.65 2.77 0.00	36.50 2.29 0.00	33.21 1.88 0.00	29.75 1.39 0.00	27.83 1.27 0.00	26.27 1.11 0.00	25.37 1.19 0.00
ASTORIA_GT3_3 24100	23.19 1.15 -0.01	21.31 1.07 -0.01	20.74 1.01 -0.01	20.65 0.95 -0.01	21.23 0.89 -0.01	23.35 0.77 0.00	27.94 1.10 0.00	29.31 1.29 0.00	30.58 1.48 0.00	30.68 1.43 0.00	31.00 1.36 0.00	31.44 1.35 0.00	30.93 1.44 0.00	30.14 1.46 0.00	29.26 1.60 0.00	30.03 1.57 0.00	35.84 2.09 0.00	40.65 2.77 0.00	36.50 2.29 0.00	33.21 1.88 0.00	29.75 1.39 0.00	27.83 1.27 0.00	26.27 1.11 0.00	25.37 1.19 0.00
ASTORIA_GT3_4 24101	23.19 1.15 -0.01	21.31 1.07 -0.01	20.74 1.01 -0.01	20.65 0.95 -0.01	21.23 0.89 -0.01	23.35 0.77 0.00	27.94 1.10 0.00	29.31 1.29 0.00	30.58 1.48 0.00	30.68 1.43 0.00	31.00 1.36 0.00	31.44 1.35 0.00	30.93 1.44 0.00	30.14 1.46 0.00	29.26 1.60 0.00	30.03 1.57 0.00	35.84 2.09 0.00	40.65 2.77 0.00	36.50 2.29 0.00	33.21 1.88 0.00	29.75 1.39 0.00	27.83 1.27 0.00	26.27 1.11 0.00	25.37 1.19 0.00
ASTORIA_GT4_1 24102	23.19 1.15 -0.01	21.31 1.07 -0.01	20.74 1.01 -0.01	20.65 0.95 -0.01	21.23 0.89 -0.01	23.35 0.77 0.00	27.94 1.10 0.00	29.31 1.29 0.00	30.58 1.48 0.00	30.68 1.43 0.00	31.00 1.36 0.00	31.44 1.35 0.00	30.93 1.44 0.00	30.14 1.46 0.00	29.26 1.60 0.00	30.03 1.57 0.00	35.84 2.09 0.00	40.65 2.77 0.00	36.50 2.29 0.00	33.21 1.88 0.00	29.75 1.39 0.00	27.83 1.27 0.00	26.27 1.11 0.00	25.37 1.19 0.00
ASTORIA_GT4_2 24103	23.19 1.15 -0.01	21.31 1.07 -0.01	20.74 1.01 -0.01	20.65 0.95 -0.01	21.23 0.89 -0.01	23.35 0.77 0.00	27.94 1.10 0.00	29.31 1.29 0.00	30.58 1.48 0.00	30.68 1.43 0.00	31.00 1.36 0.00	31.44 1.35 0.00	30.93 1.44 0.00	30.14 1.46 0.00	29.26 1.60 0.00	30.03 1.57 0.00	35.84 2.09 0.00	40.65 2.77 0.00	36.50 2.29 0.00	33.21 1.88 0.00	29.75 1.39 0.00	27.83 1.27 0.00	26.27 1.11 0.00	25.37 1.19 0.00
ASTORIA_GT4_3 24104	23.19 1.15 -0.01	21.31 1.07 -0.01	20.74 1.01 -0.01	20.65 0.95 -0.01	21.23 0.89 -0.01	23.35 0.77 0.00	27.94 1.10 0.00	29.31 1.29 0.00	30.58 1.48 0.00	30.68 1.43 0.00	31.00 1.36 0.00	31.44 1.35 0.00	30.93 1.44 0.00	30.14 1.46 0.00	29.26 1.60 0.00	30.03 1.57 0.00	35.84 2.09 0.00	40.65 2.77 0.00	36.50 2.29 0.00	33.21 1.88 0.00	29.75 1.39 0.00	27.83 1.27 0.00	26.27 1.11 0.00	25.37 1.19 0.00

ASTORIA_GT4_4 24105	23.19 1.15 -0.01	21.31 1.07 -0.01	20.74 1.01 -0.01	20.65 0.95 -0.01	21.23 0.89 -0.01	23.35 0.77 0.00	27.94 1.10 0.00	29.31 1.29 0.00	30.58 1.48 0.00	30.68 1.43 0.00	31.00 1.36 0.00	31.44 1.35 0.00	30.93 1.44 0.00	30.14 1.46 0.00	29.26 1.60 0.00	30.03 1.57 0.00	35.84 2.09 0.00	40.65 2.77 0.00	36.50 2.29 0.00	33.21 1.88 0.00	29.75 1.39 0.00	27.83 1.27 0.00	26.27 1.11 0.00	25.37 1.19 0.00
ASTORIA_GT_1 23523	23.21 1.17 -0.01	21.25 1.01 -0.01	20.76 1.03 -0.01	20.67 0.96 -0.01	21.28 0.94 -0.01	23.38 0.79 0.00	27.99 1.15 0.00	29.35 1.34 0.01	30.69 1.60 0.01	30.82 1.58 0.01	31.03 1.39 0.01	31.43 1.36 0.01	30.95 1.47 0.01	30.19 1.52 0.01	29.28 1.63 0.01	30.02 1.56 0.01	35.93 2.19 0.01	40.79 2.92 0.01	36.59 2.39 0.01	33.27 1.94 0.01	29.85 1.50 0.01	27.90 1.35 0.01	26.50 1.33 0.00	25.59 1.40 0.00
ASTORIA_GT_10 24110	23.19 1.15 -0.01	21.25 1.01 -0.01	20.68 0.95 -0.01	20.57 0.87 -0.01	21.19 0.85 -0.01	23.40 0.81 0.00	28.04 1.21 0.00	29.39 1.37 0.00	30.67 1.57 0.00	30.77 1.52 0.00	31.06 1.42 0.00	31.50 1.41 0.00	30.96 1.47 0.00	30.17 1.49 0.00	29.28 1.63 0.00	30.06 1.59 0.00	35.91 2.16 0.00	40.72 2.84 0.00	36.54 2.33 0.00	33.28 1.94 0.00	29.80 1.45 0.00	27.94 1.38 0.00	26.32 1.16 0.00	25.35 1.16 0.00
ASTORIA_GT_11 24225	23.19 1.15 -0.01	21.25 1.01 -0.01	20.68 0.95 -0.01	20.57 0.87 -0.01	21.19 0.85 -0.01	23.40 0.81 0.00	28.04 1.21 0.00	29.39 1.37 0.00	30.67 1.57 0.00	30.77 1.52 0.00	31.06 1.42 0.00	31.50 1.41 0.00	30.96 1.47 0.00	30.17 1.49 0.00	29.28 1.63 0.00	30.06 1.59 0.00	35.91 2.16 0.00	40.72 2.84 0.00	36.54 2.33 0.00	33.28 1.94 0.00	29.80 1.45 0.00	27.94 1.38 0.00	26.32 1.16 0.00	25.35 1.16 0.00
ASTORIA_GT_12 24226	23.19 1.15 -0.01	21.25 1.01 -0.01	20.68 0.95 -0.01	20.57 0.87 -0.01	21.19 0.85 -0.01	23.40 0.81 0.00	28.04 1.21 0.00	29.39 1.37 0.00	30.67 1.57 0.00	30.77 1.52 0.00	31.06 1.42 0.00	31.50 1.41 0.00	30.96 1.47 0.00	30.17 1.49 0.00	29.28 1.63 0.00	30.06 1.59 0.00	35.91 2.16 0.00	40.72 2.84 0.00	36.54 2.33 0.00	33.28 1.94 0.00	29.80 1.45 0.00	27.94 1.38 0.00	26.32 1.16 0.00	25.35 1.16 0.00
ASTORIA_GT_13 24227	23.19 1.15 -0.01	21.25 1.01 -0.01	20.68 0.95 -0.01	20.57 0.87 -0.01	21.19 0.85 -0.01	23.40 0.81 0.00	28.04 1.21 0.00	29.39 1.37 0.00	30.67 1.57 0.00	30.77 1.52 0.00	31.06 1.42 0.00	31.50 1.41 0.00	30.96 1.47 0.00	30.17 1.49 0.00	29.28 1.63 0.00	30.06 1.59 0.00	35.91 2.16 0.00	40.72 2.84 0.00	36.54 2.33 0.00	33.28 1.94 0.00	29.80 1.45 0.00	27.94 1.38 0.00	26.32 1.16 0.00	25.35 1.16 0.00
ASTORIA_GT_5 24106	23.21 1.17 -0.01	21.34 1.09 -0.01	20.76 1.03 -0.01	20.67 0.97 -0.01	21.28 0.94 -0.01	23.38 0.79 0.00	27.99 1.15 0.00	29.33 1.32 0.00	30.64 1.54 0.00	30.74 1.49 0.00	31.06 1.42 0.00	31.50 1.41 0.00	30.96 1.47 0.00	30.17 1.49 0.00	29.31 1.66 0.00	30.08 1.62 0.00	35.91 2.16 0.00	40.72 2.84 0.00	36.57 2.36 0.00	33.28 1.94 0.00	29.80 1.45 0.00	27.89 1.33 0.00	26.29 1.13 0.00	25.42 1.23 0.00
ASTORIA_GT_7 24107	23.21 1.17 -0.01	21.34 1.09 -0.01	20.76 1.03 -0.01	20.67 0.97 -0.01	21.28 0.94 -0.01	23.38 0.79 0.00	27.99 1.15 0.00	29.33 1.32 0.00	30.64 1.54 0.00	30.74 1.49 0.00	31.06 1.42 0.00	31.50 1.41 0.00	30.96 1.47 0.00	30.17 1.49 0.00	29.31 1.66 0.00	30.08 1.62 0.00	35.91 2.16 0.00	40.72 2.84 0.00	36.57 2.36 0.00	33.28 1.94 0.00	29.80 1.45 0.00	27.89 1.33 0.00	26.29 1.13 0.00	25.42 1.23 0.00
ASTORIA_GT_8 24108	23.21 1.17 -0.01	21.34 1.09 -0.01	20.76 1.03 -0.01	20.67 0.97 -0.01	21.28 0.94 -0.01	23.38 0.79 0.00	27.99 1.15 0.00	29.33 1.32 0.00	30.64 1.54 0.00	30.74 1.49 0.00	31.06 1.42 0.00	31.50 1.41 0.00	30.96 1.47 0.00	30.17 1.49 0.00	29.31 1.66 0.00	30.08 1.62 0.00	35.91 2.16 0.00	40.72 2.84 0.00	36.57 2.36 0.00	33.28 1.94 0.00	29.80 1.45 0.00	27.89 1.33 0.00	26.29 1.13 0.00	25.42 1.23 0.00
ASTORIA___2 24149	23.19 1.15 -0.01	21.21 0.97 -0.01	20.74 1.01 -0.01	20.65 0.95 -0.01	21.23 0.89 -0.01	23.35 0.77 0.00	27.94 1.10 0.00	29.30 1.29 0.01	30.63 1.54 0.01	30.76 1.52 0.01	30.97 1.34 0.01	31.37 1.29 0.01	30.89 1.42 0.01	30.13 1.46 0.01	29.22 1.58 0.01	29.96 1.51 0.01	35.87 2.13 0.01	40.72 2.84 0.01	36.53 2.33 0.01	33.21 1.88 0.01	29.80 1.45 0.01	27.85 1.30 0.01	26.44 1.28 0.00	25.54 1.35 0.00
ASTORIA___3 23516	23.19 1.15 -0.01	21.17 0.93 -0.01	20.66 0.93 -0.01	20.57 0.87 -0.01	21.19 0.85 -0.01	23.38 0.79 0.00	28.04 1.21 0.00	29.39 1.37 0.00	30.70 1.60 0.00	30.83 1.58 0.00	31.03 1.39 0.00	31.47 1.38 0.00	30.93 1.44 0.00	30.20 1.52 0.00	29.26 1.60 0.00	30.03 1.56 0.00	35.94 2.19 0.00	40.76 2.88 0.00	36.60 2.39 0.00	33.28 1.94 0.00	29.83 1.47 0.00	27.97 1.41 0.00	26.50 1.33 0.00	25.49 1.31 0.00
ASTORIA___4 23517	23.19 1.15 -0.01	21.25 1.01 -0.01	20.68 0.95 -0.01	20.57 0.87 -0.01	21.19 0.85 -0.01	23.40 0.81 0.00	28.04 1.21 0.00	29.39 1.37 0.00	30.67 1.57 0.00	30.77 1.52 0.00	31.06 1.42 0.00	31.50 1.41 0.00	30.96 1.47 0.00	30.17 1.49 0.00	29.28 1.63 0.00	30.06 1.59 0.00	35.91 2.16 0.00	40.72 2.84 0.00	36.54 2.33 0.00	33.28 1.94 0.00	29.80 1.45 0.00	27.94 1.38 0.00	26.32 1.16 0.00	25.35 1.16 0.00
ASTORIA___5 23518	23.19 1.15 -0.01	21.17 0.93 -0.01	20.66 0.93 -0.01	20.57 0.87 -0.01	21.19 0.85 -0.01	23.38 0.79 0.00	28.04 1.21 0.00	29.39 1.37 0.00	30.70 1.60 0.00	30.83 1.58 0.00	31.03 1.39 0.00	31.47 1.38 0.00	30.93 1.44 0.00	30.20 1.52 0.00	29.26 1.60 0.00	30.03 1.56 0.00	35.94 2.19 0.00	40.76 2.88 0.00	36.60 2.39 0.00	33.28 1.94 0.00	29.83 1.47 0.00	27.97 1.41 0.00	26.50 1.33 0.00	25.49 1.31 0.00
AST_ENERGY_2_CC3 323677	23.01 0.97 0.00	21.00 0.77 0.00	20.50 0.77 0.00	20.40 0.71 0.00	21.02 0.69 0.00	23.24 0.66 0.00	27.91 1.07 0.00	29.39 1.37 0.00	30.67 1.57 0.00	30.80 1.55 0.00	31.03 1.39 0.00	31.47 1.38 0.00	30.93 1.44 0.00	30.17 1.49 0.00	29.23 1.58 0.00	30.03 1.56 0.00	35.94 2.19 0.00	40.76 2.88 0.00	36.57 2.36 0.00	33.25 1.91 0.00	29.86 1.50 0.00	27.97 1.41 0.00	26.47 1.31 0.00	25.35 1.16 0.00
AST_ENERGY_2_CC4 323678	23.01 0.97 0.00	21.00 0.77 0.00	20.50 0.77 0.00	20.40 0.71 0.00	21.02 0.69 0.00	23.24 0.66 0.00	27.91 1.07 0.00	29.39 1.37 0.00	30.67 1.57 0.00	30.80 1.55 0.00	31.03 1.39 0.00	31.47 1.38 0.00	30.93 1.44 0.00	30.17 1.49 0.00	29.23 1.58 0.00	30.03 1.56 0.00	35.94 2.19 0.00	40.76 2.88 0.00	36.57 2.36 0.00	33.25 1.91 0.00	29.86 1.50 0.00	27.97 1.41 0.00	26.47 1.31 0.00	25.35 1.16 0.00

ATHENS_STG_1 23668	22.52 0.48 0.00	20.64 0.40 0.00	20.12 0.39 0.00	20.07 0.37 0.00	20.68 0.35 0.00	22.93 0.34 0.00	27.34 0.51 0.00	28.72 0.70 0.00	29.88 0.79 0.00	30.01 0.76 0.00	30.41 0.77 0.00	30.84 0.75 0.00	30.25 0.77 0.00	29.48 0.80 0.00	28.45 0.80 0.00	29.32 0.85 0.00	34.96 1.21 0.00	39.55 1.66 0.00	35.51 1.30 0.00	32.37 1.03 0.00	29.18 0.82 0.00	27.36 0.80 0.00	25.89 0.73 0.00	24.81 0.63 0.00
ATHENS_STG_2 23670	22.52 0.48 0.00	20.64 0.40 0.00	20.12 0.39 0.00	20.07 0.37 0.00	20.68 0.35 0.00	22.93 0.34 0.00	27.34 0.51 0.00	28.72 0.70 0.00	29.88 0.79 0.00	30.01 0.76 0.00	30.41 0.77 0.00	30.84 0.75 0.00	30.25 0.77 0.00	29.48 0.80 0.00	28.45 0.80 0.00	29.32 0.85 0.00	34.96 1.21 0.00	39.55 1.66 0.00	35.51 1.30 0.00	32.37 1.03 0.00	29.18 0.82 0.00	27.36 0.80 0.00	25.89 0.73 0.00	24.81 0.63 0.00
ATHENS_STG_3 23677	22.52 0.48 0.00	20.64 0.40 0.00	20.12 0.39 0.00	20.07 0.37 0.00	20.68 0.35 0.00	22.93 0.34 0.00	27.34 0.51 0.00	28.72 0.70 0.00	29.88 0.79 0.00	30.01 0.76 0.00	30.41 0.77 0.00	30.84 0.75 0.00	30.25 0.77 0.00	29.48 0.80 0.00	28.45 0.80 0.00	29.32 0.85 0.00	34.96 1.21 0.00	39.55 1.66 0.00	35.51 1.30 0.00	32.37 1.03 0.00	29.18 0.82 0.00	27.36 0.80 0.00	25.89 0.73 0.00	24.81 0.63 0.00
AUBURN___LFGE 323710	22.52 0.48 0.00	20.66 0.42 0.00	20.12 0.39 0.00	20.07 0.37 0.00	20.76 0.43 0.00	23.17 0.59 0.00	27.56 0.72 0.00	28.60 0.59 0.00	29.74 0.64 0.00	29.98 0.73 0.00	30.38 0.74 0.00	30.69 0.60 0.00	30.01 0.53 0.00	29.17 0.49 0.00	28.07 0.41 0.00	28.89 0.43 0.00	33.85 0.10 0.00	38.30 0.42 0.00	34.52 0.31 0.00	31.62 0.28 0.00	28.67 0.31 0.00	26.74 0.19 0.00	25.31 0.15 0.00	24.33 0.15 0.00
BABYLON_RES_REC 323704	23.49 1.45 0.00	21.51 1.28 0.00	20.95 1.22 0.00	20.82 1.12 0.00	21.51 1.18 0.00	23.90 1.31 0.00	28.77 1.93 0.00	34.19 2.27 -3.90	35.00 2.50 -3.40	33.24 2.40 -1.59	36.30 2.28 -4.37	38.48 2.26 -6.14	37.39 2.27 -5.64	37.74 2.30 -6.76	35.35 2.35 -5.34	39.20 2.42 -8.32	47.54 3.27 -10.52	55.09 4.17 -13.05	55.09 3.52 -17.36	42.64 2.91 -8.39	40.38 2.41 -9.62	36.51 2.23 -7.72	30.45 2.09 -3.20	27.76 1.94 -1.64
BABYLON__69_KV_BK2 356345	23.76 1.72 0.00	21.79 1.56 0.00	21.17 1.44 0.00	21.04 1.34 0.00	21.74 1.40 0.00	24.19 1.60 0.00	29.09 2.25 0.00	34.56 2.63 -3.90	35.35 2.85 -3.40	33.50 2.66 -1.59	36.65 2.64 -4.37	38.84 2.62 -6.14	37.74 2.62 -5.64	38.05 2.61 -6.76	35.68 2.68 -5.34	39.57 2.79 -8.32	48.01 3.75 -10.52	55.62 4.70 -13.05	55.57 4.00 -17.36	43.08 3.35 -8.39	40.75 2.78 -9.62	36.80 2.52 -7.72	30.58 2.21 -3.20	27.95 2.13 -1.64
BALL_HILL_WT_PWR 323825	22.50 0.46 0.00	20.88 0.65 0.00	20.18 0.45 0.00	20.11 0.41 0.00	20.80 0.47 0.00	23.13 0.54 0.00	27.32 0.48 0.00	27.60 -0.42 0.00	28.60 -0.49 0.00	28.73 -0.53 0.00	29.08 -0.56 0.00	29.40 -0.69 0.00	28.66 -0.83 0.00	27.65 -1.03 0.00	26.63 -1.02 0.00	27.55 -0.91 0.00	32.26 -1.48 0.00	36.56 -1.33 0.00	33.36 -0.85 0.00	30.49 -0.84 0.00	27.93 -0.42 0.00	25.84 -0.72 0.00	24.56 -0.60 0.00	23.87 -0.32 0.00
BARON_WINDS___WT_PWR 323822	22.52 0.48 0.00	20.84 0.61 0.00	20.20 0.47 0.00	20.13 0.43 0.00	20.80 0.47 0.00	23.11 0.52 0.00	27.32 0.48 0.00	27.93 -0.08 0.00	28.92 -0.17 0.00	29.05 -0.20 0.00	29.37 -0.27 0.00	29.70 -0.39 0.00	28.95 -0.53 0.00	28.02 -0.66 0.00	27.02 -0.63 0.00	27.92 -0.54 0.00	32.91 -0.84 0.00	37.35 -0.53 0.00	33.97 -0.24 0.00	31.08 -0.25 0.00	28.36 0.00 0.00	26.35 -0.21 0.00	24.99 -0.17 0.00	24.16 -0.02 0.00
BARRETT_IC_1 23704	23.23 1.19 0.00	21.23 0.99 0.00	20.70 0.97 0.00	20.58 0.89 0.00	21.23 0.89 0.00	23.58 0.99 0.00	28.34 1.50 0.00	33.74 1.82 -3.90	34.53 2.04 -3.40	32.86 2.02 -1.59	35.91 1.90 -4.37	38.12 1.90 -6.14	37.07 1.95 -5.64	37.42 1.98 -6.76	35.01 2.02 -5.34	38.83 2.05 -8.32	47.00 2.73 -10.52	54.45 3.52 -13.05	54.51 2.94 -17.36	42.17 2.45 -8.39	39.99 2.01 -9.62	36.13 1.86 -7.72	30.10 1.73 -3.20	27.37 1.55 -1.64
BARRETT_IC_10 23701	23.23 1.19 0.00	21.23 0.99 0.00	20.70 0.97 0.00	20.58 0.89 0.00	21.23 0.89 0.00	23.58 0.99 0.00	28.34 1.50 0.00	33.74 1.82 -3.90	34.53 2.04 -3.40	32.86 2.02 -1.59	35.91 1.90 -4.37	38.12 1.90 -6.14	37.07 1.95 -5.64	37.42 1.98 -6.76	35.01 2.02 -5.34	38.83 2.05 -8.32	47.00 2.73 -10.52	54.45 3.52 -13.05	54.51 2.94 -17.36	42.17 2.45 -8.39	39.99 2.01 -9.62	36.13 1.86 -7.72	30.10 1.73 -3.20	27.37 1.55 -1.64
BARRETT_IC_11 23702	23.23 1.19 0.00	21.23 0.99 0.00	20.70 0.97 0.00	20.58 0.89 0.00	21.23 0.89 0.00	23.58 0.99 0.00	28.34 1.50 0.00	33.74 1.82 -3.90	34.53 2.04 -3.40	32.86 2.02 -1.59	35.91 1.90 -4.37	38.12 1.90 -6.14	37.07 1.95 -5.64	37.42 1.98 -6.76	35.01 2.02 -5.34	38.83 2.05 -8.32	47.00 2.73 -10.52	54.45 3.52 -13.05	54.51 2.94 -17.36	42.17 2.45 -8.39	39.99 2.01 -9.62	36.13 1.86 -7.72	30.10 1.73 -3.20	27.37 1.55 -1.64
BARRETT_IC_12 23703	23.23 1.19 0.00	21.23 0.99 0.00	20.70 0.97 0.00	20.58 0.89 0.00	21.23 0.89 0.00	23.58 0.99 0.00	28.34 1.50 0.00	33.74 1.82 -3.90	34.53 2.04 -3.40	32.86 2.02 -1.59	35.91 1.90 -4.37	38.12 1.90 -6.14	37.07 1.95 -5.64	37.42 1.98 -6.76	35.01 2.02 -5.34	38.83 2.05 -8.32	47.00 2.73 -10.52	54.45 3.52 -13.05	54.51 2.94 -17.36	42.17 2.45 -8.39	39.99 2.01 -9.62	36.13 1.86 -7.72	30.10 1.73 -3.20	27.37 1.55 -1.64
BARRETT_IC_2 23705	23.23 1.19 0.00	21.23 0.99 0.00	20.70 0.97 0.00	20.58 0.89 0.00	21.23 0.89 0.00	23.58 0.99 0.00	28.34 1.50 0.00	33.74 1.82 -3.90	34.53 2.04 -3.40	32.86 2.02 -1.59	35.91 1.90 -4.37	38.12 1.90 -6.14	37.07 1.95 -5.64	37.42 1.98 -6.76	35.01 2.02 -5.34	38.83 2.05 -8.32	47.00 2.73 -10.52	54.45 3.52 -13.05	54.51 2.94 -17.36	42.17 2.45 -8.39	39.99 2.01 -9.62	36.13 1.86 -7.72	30.10 1.73 -3.20	27.37 1.55 -1.64
BARRETT_IC_3 23706	23.23 1.19 0.00	21.23 0.99 0.00	20.70 0.97 0.00	20.58 0.89 0.00	21.23 0.89 0.00	23.58 0.99 0.00	28.34 1.50 0.00	33.74 1.82 -3.90	34.53 2.04 -3.40	32.86 2.02 -1.59	35.91 1.90 -4.37	38.12 1.90 -6.14	37.07 1.95 -5.64	37.42 1.98 -6.76	35.01 2.02 -5.34	38.83 2.05 -8.32	47.00 2.73 -10.52	54.45 3.52 -13.05	54.51 2.94 -17.36	42.17 2.45 -8.39	39.99 2.01 -9.62	36.13 1.86 -7.72	30.10 1.73 -3.20	27.37 1.55 -1.64
BARRETT_IC_4 23707	23.23 1.19 0.00	21.23 0.99 0.00	20.70 0.97 0.00	20.58 0.89 0.00	21.23 0.89 0.00	23.58 0.99 0.00	28.34 1.50 0.00	33.74 1.82 -3.90	34.53 2.04 -3.40	32.86 2.02 -1.59	35.91 1.90 -4.37	38.12 1.90 -6.14	37.07 1.95 -5.64	37.42 1.98 -6.76	35.01 2.02 -5.34	38.83 2.05 -8.32	47.00 2.73 -10.52	54.45 3.52 -13.05	54.51 2.94 -17.36	42.17 2.45 -8.39	39.99 2.01 -9.62	36.13 1.86 -7.72	30.10 1.73 -3.20	27.37 1.55 -1.64

BARRETT_IC_5 23708	23.23 1.19 0.00	21.23 0.99 0.00	20.70 0.97 0.00	20.58 0.89 0.00	21.23 0.89 0.00	23.58 0.99 0.00	28.34 1.50 0.00	33.74 1.82 -3.90	34.53 2.04 -3.40	32.86 2.02 -1.59	35.91 1.90 -4.37	38.12 1.90 -6.14	37.07 1.95 -5.64	37.42 1.98 -6.76	35.01 2.02 -5.34	38.83 2.05 -8.32	47.00 2.73 -10.52	54.45 3.52 -13.05	54.51 2.94 -17.36	42.17 2.45 -8.39	39.99 2.01 -9.62	36.13 1.86 -7.72	30.10 1.73 -3.20	27.37 1.55 -1.64
BARRETT_IC_6 23709	23.23 1.19 0.00	21.23 0.99 0.00	20.70 0.97 0.00	20.58 0.89 0.00	21.23 0.89 0.00	23.58 0.99 0.00	28.34 1.50 0.00	33.74 1.82 -3.90	34.53 2.04 -3.40	32.86 2.02 -1.59	35.91 1.90 -4.37	38.12 1.90 -6.14	37.07 1.95 -5.64	37.42 1.98 -6.76	35.01 2.02 -5.34	38.83 2.05 -8.32	47.00 2.73 -10.52	54.45 3.52 -13.05	54.51 2.94 -17.36	42.17 2.45 -8.39	39.99 2.01 -9.62	36.13 1.86 -7.72	30.10 1.73 -3.20	27.37 1.55 -1.64
BARRETT_IC_7 23710	23.23 1.19 0.00	21.29 1.05 0.00	20.70 0.97 0.00	20.58 0.89 0.00	21.23 0.89 0.00	23.60 1.02 0.00	28.31 1.48 0.00	33.74 1.82 -3.90	34.50 2.01 -3.40	32.80 1.96 -1.59	35.94 1.93 -4.37	38.18 1.96 -6.14	37.10 1.98 -5.64	37.40 1.95 -6.76	35.01 2.02 -5.34	38.86 2.08 -8.32	46.97 2.70 -10.52	54.41 3.49 -13.05	54.44 2.87 -17.36	42.17 2.44 -8.39	39.96 1.99 -9.62	36.11 1.83 -7.72	29.93 1.56 -3.20	27.27 1.45 -1.64
BARRETT_IC_8 23711	23.23 1.19 0.00	21.23 0.99 0.00	20.70 0.97 0.00	20.58 0.89 0.00	21.23 0.89 0.00	23.58 0.99 0.00	28.34 1.50 0.00	33.74 1.82 -3.90	34.53 2.04 -3.40	32.86 2.02 -1.59	35.91 1.90 -4.37	38.12 1.90 -6.14	37.07 1.95 -5.64	37.42 1.98 -6.76	35.01 2.02 -5.34	38.83 2.05 -8.32	47.00 2.73 -10.52	54.45 3.52 -13.05	54.51 2.94 -17.36	42.17 2.45 -8.39	39.99 2.01 -9.62	36.13 1.86 -7.72	30.10 1.73 -3.20	27.37 1.55 -1.64
BARRETT_IC_9 23700	23.23 1.19 0.00	21.23 0.99 0.00	20.70 0.97 0.00	20.58 0.89 0.00	21.23 0.89 0.00	23.58 0.99 0.00	28.34 1.50 0.00	33.74 1.82 -3.90	34.53 2.04 -3.40	32.86 2.02 -1.59	35.91 1.90 -4.37	38.12 1.90 -6.14	37.07 1.95 -5.64	37.42 1.98 -6.76	35.01 2.02 -5.34	38.83 2.05 -8.32	47.00 2.73 -10.52	54.45 3.52 -13.05	54.51 2.94 -17.36	42.17 2.45 -8.39	39.99 2.01 -9.62	36.13 1.86 -7.72	30.10 1.73 -3.20	27.37 1.55 -1.64
BARRETT___1 23545	23.23 1.19 0.00	21.23 0.99 0.00	20.70 0.97 0.00	20.58 0.89 0.00	21.23 0.89 0.00	23.58 0.99 0.00	28.34 1.50 0.00	33.74 1.82 -3.90	34.53 2.04 -3.40	32.86 2.02 -1.59	35.91 1.90 -4.37	38.12 1.90 -6.14	37.07 1.95 -5.64	37.42 1.98 -6.76	35.01 2.02 -5.34	38.83 2.05 -8.32	47.00 2.73 -10.52	54.45 3.52 -13.05	54.51 2.94 -17.36	42.17 2.45 -8.39	39.99 2.01 -9.62	36.13 1.86 -7.72	30.10 1.73 -3.20	27.37 1.55 -1.64
BARRETT___2 23546	23.23 1.19 0.00	21.23 0.99 0.00	20.70 0.97 0.00	20.58 0.89 0.00	21.23 0.89 0.00	23.58 0.99 0.00	28.34 1.50 0.00	33.74 1.82 -3.90	34.53 2.04 -3.40	32.86 2.02 -1.59	35.91 1.90 -4.37	38.12 1.90 -6.14	37.07 1.95 -5.64	37.42 1.98 -6.76	35.01 2.02 -5.34	38.83 2.05 -8.32	47.00 2.73 -10.52	54.45 3.52 -13.05	54.51 2.94 -17.36	42.17 2.45 -8.39	39.99 2.01 -9.62	36.13 1.86 -7.72	30.10 1.73 -3.20	27.37 1.55 -1.64
BATAVIA__115KV_TB1 55881	22.37 0.33 0.00	20.56 0.32 0.00	20.10 0.37 0.00	19.99 0.30 0.00	20.72 0.39 0.00	23.08 0.50 0.00	27.37 0.54 0.00	27.68 -0.34 0.00	28.81 -0.29 0.00	28.99 -0.26 0.00	29.14 -0.50 0.00	29.34 -0.75 0.00	28.77 -0.71 0.00	27.91 -0.77 0.00	26.71 -0.94 0.00	27.52 -0.94 0.00	32.67 -1.08 0.00	37.01 -0.87 0.00	33.42 -0.79 0.00	30.80 -0.53 0.00	28.22 -0.14 0.00	26.08 -0.48 0.00	24.78 -0.38 0.00	23.99 -0.19 0.00
BAYONEEC___CTG1 323682	23.03 0.99 0.00	21.02 0.79 0.00	20.52 0.79 0.00	20.43 0.73 0.00	21.02 0.69 0.00	23.26 0.68 0.00	27.94 1.10 0.00	29.44 1.43 0.00	30.73 1.63 0.00	30.86 1.61 0.00	31.09 1.45 0.00	31.53 1.44 0.00	30.98 1.50 0.00	30.23 1.55 0.00	29.28 1.63 0.00	30.08 1.62 0.00	36.01 2.26 0.00	40.84 2.96 0.00	36.64 2.43 0.00	33.31 1.98 0.00	29.92 1.56 0.00	28.02 1.46 0.00	26.52 1.36 0.00	25.37 1.18 0.00
BAYONEEC___CTG10 323750	23.03 0.99 0.00	21.02 0.79 0.00	20.52 0.79 0.00	20.43 0.73 0.00	21.02 0.69 0.00	23.26 0.68 0.00	27.94 1.10 0.00	29.44 1.43 0.00	30.73 1.63 0.00	30.86 1.61 0.00	31.09 1.45 0.00	31.53 1.44 0.00	30.98 1.50 0.00	30.23 1.55 0.00	29.28 1.63 0.00	30.08 1.62 0.00	36.01 2.26 0.00	40.84 2.96 0.00	36.64 2.43 0.00	33.31 1.98 0.00	29.92 1.56 0.00	28.02 1.46 0.00	26.52 1.36 0.00	25.37 1.18 0.00
BAYONEEC___CTG2 323683	23.03 0.99 0.00	21.02 0.79 0.00	20.52 0.79 0.00	20.43 0.73 0.00	21.02 0.69 0.00	23.26 0.68 0.00	27.94 1.10 0.00	29.44 1.43 0.00	30.73 1.63 0.00	30.86 1.61 0.00	31.09 1.45 0.00	31.53 1.44 0.00	30.98 1.50 0.00	30.23 1.55 0.00	29.28 1.63 0.00	30.08 1.62 0.00	36.01 2.26 0.00	40.84 2.96 0.00	36.64 2.43 0.00	33.31 1.98 0.00	29.92 1.56 0.00	28.02 1.46 0.00	26.52 1.36 0.00	25.37 1.18 0.00
BAYONEEC___CTG3 323684	23.03 0.99 0.00	21.02 0.79 0.00	20.52 0.79 0.00	20.43 0.73 0.00	21.02 0.69 0.00	23.26 0.68 0.00	27.94 1.10 0.00	29.44 1.43 0.00	30.73 1.63 0.00	30.86 1.61 0.00	31.09 1.45 0.00	31.53 1.44 0.00	30.98 1.50 0.00	30.23 1.55 0.00	29.28 1.63 0.00	30.08 1.62 0.00	36.01 2.26 0.00	40.84 2.96 0.00	36.64 2.43 0.00	33.31 1.98 0.00	29.92 1.56 0.00	28.02 1.46 0.00	26.52 1.36 0.00	25.37 1.18 0.00
BAYONEEC___CTG4 323685	23.03 0.99 0.00	21.02 0.79 0.00	20.52 0.79 0.00	20.43 0.73 0.00	21.02 0.69 0.00	23.26 0.68 0.00	27.94 1.10 0.00	29.44 1.43 0.00	30.73 1.63 0.00	30.86 1.61 0.00	31.09 1.45 0.00	31.53 1.44 0.00	30.98 1.50 0.00	30.23 1.55 0.00	29.28 1.63 0.00	30.08 1.62 0.00	36.01 2.26 0.00	40.84 2.96 0.00	36.64 2.43 0.00	33.31 1.98 0.00	29.92 1.56 0.00	28.02 1.46 0.00	26.52 1.36 0.00	25.37 1.18 0.00
BAYONEEC___CTG5 323686	23.03 0.99 0.00	21.02 0.79 0.00	20.52 0.79 0.00	20.43 0.73 0.00	21.02 0.69 0.00	23.26 0.68 0.00	27.94 1.10 0.00	29.44 1.43 0.00	30.73 1.63 0.00	30.86 1.61 0.00	31.09 1.45 0.00	31.53 1.44 0.00	30.98 1.50 0.00	30.23 1.55 0.00	29.28 1.63 0.00	30.08 1.62 0.00	36.01 2.26 0.00	40.84 2.96 0.00	36.64 2.43 0.00	33.31 1.98 0.00	29.92 1.56 0.00	28.02 1.46 0.00	26.52 1.36 0.00	25.37 1.18 0.00
BAYONEEC___CTG6 323687	23.03 0.99 0.00	21.02 0.79 0.00	20.52 0.79 0.00	20.43 0.73 0.00	21.02 0.69 0.00	23.26 0.68 0.00	27.94 1.10 0.00	29.44 1.43 0.00	30.73 1.63 0.00	30.86 1.61 0.00	31.09 1.45 0.00	31.53 1.44 0.00	30.98 1.50 0.00	30.23 1.55 0.00	29.28 1.63 0.00	30.08 1.62 0.00	36.01 2.26 0.00	40.84 2.96 0.00	36.64 2.43 0.00	33.31 1.98 0.00	29.92 1.56 0.00	28.02 1.46 0.00	26.52 1.36 0.00	25.37 1.18 0.00

BAYONEEC___CTG7 323688	23.03 0.99 0.00	21.02 0.79 0.00	20.52 0.79 0.00	20.43 0.73 0.00	21.02 0.69 0.00	23.26 0.68 0.00	27.94 1.10 0.00	29.44 1.43 0.00	30.73 1.63 0.00	30.86 1.61 0.00	31.09 1.45 0.00	31.53 1.44 0.00	30.98 1.50 0.00	30.23 1.55 0.00	29.28 1.63 0.00	30.08 1.62 0.00	36.01 2.26 0.00	40.84 2.96 0.00	36.64 2.43 0.00	33.31 1.98 0.00	29.92 1.56 0.00	28.02 1.46 0.00	26.52 1.36 0.00	25.37 1.18 0.00
BAYONEEC___CTG8 323689	23.03 0.99 0.00	21.02 0.79 0.00	20.52 0.79 0.00	20.43 0.73 0.00	21.02 0.69 0.00	23.26 0.68 0.00	27.94 1.10 0.00	29.44 1.43 0.00	30.73 1.63 0.00	30.86 1.61 0.00	31.09 1.45 0.00	31.53 1.44 0.00	30.98 1.50 0.00	30.23 1.55 0.00	29.28 1.63 0.00	30.08 1.62 0.00	36.01 2.26 0.00	40.84 2.96 0.00	36.64 2.43 0.00	33.31 1.98 0.00	29.92 1.56 0.00	28.02 1.46 0.00	26.52 1.36 0.00	25.37 1.18 0.00
BAYONEEC___CTG9 323749	23.03 0.99 0.00	21.02 0.79 0.00	20.52 0.79 0.00	20.43 0.73 0.00	21.02 0.69 0.00	23.26 0.68 0.00	27.94 1.10 0.00	29.44 1.43 0.00	30.73 1.63 0.00	30.86 1.61 0.00	31.09 1.45 0.00	31.53 1.44 0.00	30.98 1.50 0.00	30.23 1.55 0.00	29.28 1.63 0.00	30.08 1.62 0.00	36.01 2.26 0.00	40.84 2.96 0.00	36.64 2.43 0.00	33.31 1.98 0.00	29.92 1.56 0.00	28.02 1.46 0.00	26.52 1.36 0.00	25.37 1.18 0.00
BEACON___LESR 323632	22.41 0.37 0.00	20.60 0.36 0.00	20.09 0.36 0.00	20.03 0.33 0.00	20.64 0.31 0.00	22.90 0.32 0.00	27.18 0.35 0.00	28.66 0.64 0.00	29.79 0.70 0.00	29.95 0.70 0.00	30.44 0.80 0.00	30.90 0.81 0.00	30.25 0.77 0.00	29.46 0.77 0.00	28.43 0.77 0.00	29.32 0.85 0.00	35.00 1.25 0.00	39.55 1.66 0.00	35.48 1.27 0.00	32.31 0.97 0.00	29.15 0.79 0.00	27.36 0.80 0.00	25.84 0.68 0.00	24.70 0.51 0.00
BEAVER RIVER___HYD 24048	21.78 -0.26 0.00	19.97 -0.26 0.00	19.49 -0.24 0.00	19.48 -0.22 0.00	20.15 -0.18 0.00	22.40 -0.18 0.00	26.65 -0.19 0.00	27.85 -0.17 0.00	28.83 -0.26 0.00	29.08 -0.17 0.00	29.29 -0.35 0.00	29.70 -0.39 0.00	28.98 -0.50 0.00	28.22 -0.46 0.00	27.16 -0.50 0.00	28.04 -0.43 0.00	33.21 -0.54 0.00	37.47 -0.42 0.00	33.90 -0.31 0.00	32.81 -0.28 -1.76	28.13 -0.23 0.00	26.27 -0.29 0.00	24.76 -0.40 0.00	23.78 -0.41 0.00
BEEBEE_GT_13 23619	22.08 0.04 0.00	20.26 0.02 0.00	19.77 0.04 0.00	19.72 0.02 0.00	20.41 0.08 0.00	22.72 0.14 0.00	26.97 0.13 0.00	27.57 -0.45 0.00	28.69 -0.41 0.00	28.93 -0.32 0.00	29.20 -0.44 0.00	29.46 -0.63 0.00	28.89 -0.59 0.00	28.05 -0.63 0.00	26.91 -0.75 0.00	27.67 -0.80 0.00	32.80 -0.94 0.00	37.09 -0.80 0.00	33.46 -0.75 0.00	30.77 -0.56 0.00	28.05 -0.31 0.00	26.03 -0.53 0.00	24.73 -0.43 0.00	23.85 -0.34 0.00
BENSHRST_27_KV_BENSHRST_1 355998	23.37 1.32 -0.01	21.40 1.15 -0.01	20.80 1.07 -0.01	20.73 1.02 -0.01	21.36 1.02 -0.01	23.53 0.95 0.00	28.10 1.26 0.00	29.39 1.37 0.00	30.70 1.60 0.00	30.86 1.61 0.00	31.09 1.45 0.00	31.53 1.44 0.00	30.99 1.50 0.00	30.20 1.52 0.00	29.37 1.71 0.00	30.08 1.62 0.00	36.04 2.29 0.00	40.99 3.11 0.00	36.77 2.57 0.00	33.47 2.13 0.00	29.86 1.50 0.00	27.97 1.41 0.00	26.47 1.31 0.00	25.69 1.50 0.00
BETHLEHEM___GRP 23843	22.02 -0.02 0.00	20.28 0.04 0.00	19.75 0.02 0.00	19.70 0.00 0.00	20.29 -0.04 0.00	22.45 -0.14 0.00	26.68 -0.16 0.00	28.07 0.06 0.00	29.18 0.09 0.00	29.31 0.06 0.00	29.82 0.18 0.00	30.30 0.21 0.00	29.66 0.18 0.00	28.88 0.20 0.00	27.85 0.19 0.00	28.75 0.28 0.00	34.25 0.51 0.00	38.68 0.80 0.00	34.65 0.44 0.00	31.62 0.28 0.00	28.53 0.17 0.00	26.72 0.16 0.00	25.24 0.08 0.00	24.21 0.02 0.00
BETHLEHEM___GS1 323560	22.02 -0.02 0.00	20.26 0.02 0.00	19.77 0.04 0.00	19.70 0.00 0.00	20.29 -0.04 0.00	22.45 -0.13 0.00	26.68 -0.16 0.00	28.10 0.08 0.00	29.18 0.09 0.00	29.31 0.06 0.00	29.79 0.15 0.00	30.24 0.15 0.00	29.63 0.15 0.00	28.85 0.17 0.00	27.82 0.17 0.00	28.69 0.23 0.00	34.22 0.47 0.00	38.68 0.80 0.00	34.69 0.48 0.00	31.58 0.25 0.00	28.53 0.17 0.00	26.77 0.21 0.00	25.34 0.18 0.00	24.23 0.05 0.00
BETHLEHEM___GS2 323561	22.02 -0.02 0.00	20.26 0.02 0.00	19.77 0.04 0.00	19.70 0.00 0.00	20.29 -0.04 0.00	22.45 -0.13 0.00	26.68 -0.16 0.00	28.10 0.08 0.00	29.18 0.09 0.00	29.31 0.06 0.00	29.79 0.15 0.00	30.24 0.15 0.00	29.63 0.15 0.00	28.85 0.17 0.00	27.82 0.17 0.00	28.69 0.23 0.00	34.22 0.47 0.00	38.68 0.80 0.00	34.69 0.48 0.00	31.58 0.25 0.00	28.53 0.17 0.00	26.77 0.21 0.00	25.34 0.18 0.00	24.23 0.05 0.00
BETHLEHEM___GS3 323562	22.02 -0.02 0.00	20.26 0.02 0.00	19.77 0.04 0.00	19.70 0.00 0.00	20.29 -0.04 0.00	22.45 -0.13 0.00	26.68 -0.16 0.00	28.10 0.08 0.00	29.18 0.09 0.00	29.31 0.06 0.00	29.79 0.15 0.00	30.24 0.15 0.00	29.63 0.15 0.00	28.85 0.17 0.00	27.82 0.17 0.00	28.69 0.23 0.00	34.22 0.47 0.00	38.68 0.80 0.00	34.69 0.48 0.00	31.58 0.25 0.00	28.53 0.17 0.00	26.77 0.21 0.00	25.34 0.18 0.00	24.23 0.05 0.00
BETHLEHEM___STEEL 23779	22.41 0.37 0.00	20.62 0.38 0.00	20.12 0.39 0.00	20.03 0.33 0.00	20.74 0.41 0.00	23.06 0.47 0.00	27.24 0.40 0.00	27.37 -0.64 0.00	28.49 -0.61 0.00	28.64 -0.61 0.00	28.78 -0.86 0.00	28.97 -1.11 0.00	28.42 -1.06 0.00	27.56 -1.12 0.00	26.38 -1.27 0.00	27.07 -1.39 0.00	32.09 -1.65 0.00	36.37 -1.52 0.00	32.81 -1.40 0.00	30.30 -1.03 0.00	27.82 -0.54 0.00	25.76 -0.80 0.00	24.51 -0.65 0.00	23.78 -0.41 0.00
BETHLHEM_115KV_TB1 79974	22.08 0.04 0.00	20.34 0.10 0.00	19.81 0.08 0.00	19.76 0.06 0.00	20.35 0.02 0.00	22.54 -0.05 0.00	26.76 -0.08 0.00	28.18 0.17 0.00	29.27 0.17 0.00	29.40 0.15 0.00	29.91 0.27 0.00	30.36 0.27 0.00	29.75 0.27 0.00	28.94 0.26 0.00	27.93 0.28 0.00	28.83 0.37 0.00	34.32 0.57 0.00	38.79 0.91 0.00	34.76 0.55 0.00	31.71 0.38 0.00	28.61 0.26 0.00	26.80 0.24 0.00	25.31 0.15 0.00	24.28 0.10 0.00
BETHPAGE_CC_5 323564	23.45 1.41 0.00	21.43 1.19 0.00	20.87 1.14 0.00	20.76 1.06 0.00	21.43 1.10 0.00	23.81 1.22 0.00	28.61 1.77 0.00	33.97 2.04 -3.90	34.77 2.27 -3.40	33.06 2.22 -1.59	36.12 2.10 -4.37	38.33 2.11 -6.14	37.27 2.15 -5.64	37.60 2.15 -6.76	35.21 2.21 -5.34	39.03 2.25 -8.32	47.31 3.04 -10.52	54.79 3.87 -13.05	54.82 3.25 -17.36	42.42 2.70 -8.39	40.19 2.21 -9.62	36.32 2.05 -7.72	30.35 1.99 -3.20	27.66 1.84 -1.64
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	22.50 0.46 0.00	20.70 0.47 0.00	20.18 0.45 0.00	20.11 0.41 0.00	20.82 0.49 0.00	23.15 0.56 0.00	27.35 0.51 0.00	27.48 -0.53 0.00	28.60 -0.49 0.00	28.75 -0.50 0.00	28.90 -0.74 0.00	29.12 -0.96 0.00	28.54 -0.94 0.00	27.68 -1.00 0.00	26.49 -1.16 0.00	27.18 -1.28 0.00	32.26 -1.48 0.00	36.56 -1.33 0.00	32.94 -1.27 0.00	30.43 -0.91 0.00	27.96 -0.40 0.00	25.90 -0.66 0.00	24.61 -0.55 0.00	23.87 -0.31 0.00

BINGHAMTON___COGEN 23790	22.41 0.37 0.00	20.58 0.34 0.00	20.05 0.32 0.00	19.97 0.28 0.00	20.64 0.30 0.00	22.95 0.36 0.00	27.27 0.43 0.00	28.27 0.25 0.00	29.39 0.29 0.00	29.54 0.29 0.00	29.91 0.27 0.00	30.27 0.18 0.00	29.63 0.15 0.00	28.82 0.14 0.00	27.76 0.11 0.00	28.58 0.11 0.00	33.98 0.24 0.00	38.45 0.57 0.00	34.62 0.41 0.00	31.71 0.38 0.00	28.78 0.43 0.00	26.85 0.29 0.00	25.41 0.25 0.00	24.45 0.27 0.00
BIXINCNT_115KV_LOAD 355685	22.83 0.79 0.00	21.02 0.79 0.00	20.44 0.71 0.00	20.35 0.65 0.00	21.06 0.73 0.00	23.42 0.84 0.00	27.61 0.78 0.00	27.71 -0.31 0.00	28.75 -0.35 0.00	28.84 -0.41 0.00	28.99 -0.65 0.00	29.15 -0.93 0.00	28.51 -0.97 0.00	27.65 -1.03 0.00	26.52 -1.13 0.00	27.10 -1.37 0.00	32.16 -1.59 0.00	36.52 -1.36 0.00	33.01 -1.20 0.00	30.43 -0.91 0.00	28.10 -0.26 0.00	26.13 -0.42 0.00	24.81 -0.35 0.00	24.04 -0.15 0.00
BLACK RIVER___HYD 24047	21.86 -0.18 0.00	20.03 -0.20 0.00	19.55 -0.18 0.00	19.50 -0.20 0.00	20.17 -0.16 0.00	22.50 -0.09 0.00	26.76 -0.08 0.00	27.90 -0.11 0.00	28.83 -0.26 0.00	29.08 -0.17 0.00	29.40 -0.24 0.00	29.79 -0.30 0.00	29.10 -0.38 0.00	28.31 -0.37 0.00	27.29 -0.36 0.00	28.23 -0.23 0.00	33.55 -0.20 0.00	37.96 0.08 0.00	34.35 0.14 0.00	32.63 0.06 -1.23	28.44 0.09 0.00	26.51 -0.05 0.00	24.96 -0.20 0.00	23.94 -0.24 0.00
BLACKRVR_115KV_TB2 79977	21.86 -0.18 0.00	20.01 -0.22 0.00	19.55 -0.18 0.00	19.50 -0.20 0.00	20.17 -0.16 0.00	22.50 -0.09 0.00	26.76 -0.08 0.00	27.90 -0.11 0.00	28.84 -0.26 0.00	29.08 -0.18 0.00	29.40 -0.24 0.00	29.76 -0.33 0.00	29.07 -0.41 0.00	28.31 -0.37 0.00	27.27 -0.39 0.00	28.21 -0.26 0.00	33.55 -0.20 0.00	37.96 0.08 0.00	34.31 0.10 0.00	32.63 0.06 -1.23	28.44 0.09 0.00	26.53 -0.03 0.00	25.01 -0.15 0.00	23.97 -0.22 0.00
BLISS_WT_PWR 323608	22.86 0.82 0.00	21.19 0.95 0.00	20.42 0.69 0.00	20.35 0.65 0.00	21.04 0.71 0.00	23.40 0.81 0.00	27.56 0.72 0.00	27.71 -0.31 0.00	28.66 -0.44 0.00	28.73 -0.53 0.00	29.02 -0.62 0.00	29.30 -0.78 0.00	28.54 -0.94 0.00	27.50 -1.18 0.00	26.55 -1.11 0.00	27.32 -1.14 0.00	31.96 -1.79 0.00	36.29 -1.59 0.00	33.18 -1.03 0.00	30.33 -1.00 0.00	27.99 -0.37 0.00	26.03 -0.53 0.00	24.73 -0.43 0.00	24.02 -0.17 0.00
BLUESTONE___WT_PWR 323821	23.63 1.59 0.00	21.65 1.42 0.00	21.09 1.36 0.00	21.02 1.32 0.00	21.72 1.38 0.00	24.23 1.65 0.00	28.93 2.09 0.00	30.17 2.16 0.00	31.31 2.21 0.00	31.68 2.43 0.00	32.19 2.55 0.00	32.55 2.47 0.00	31.78 2.30 0.00	30.83 2.15 0.00	29.73 2.07 0.00	30.65 2.19 0.00	36.41 2.67 0.00	41.33 3.45 0.00	37.35 3.15 0.00	34.06 2.72 0.00	30.88 2.52 0.00	28.76 2.20 0.00	27.07 1.91 0.00	26.00 1.81 0.00
BLUE_CIRC_CHEM_DRP 24182	22.39 0.35 0.00	20.58 0.34 0.00	20.05 0.32 0.00	20.01 0.32 0.00	20.62 0.28 0.00	22.86 0.27 0.00	27.13 0.30 0.00	28.52 0.50 0.00	29.62 0.52 0.00	29.78 0.53 0.00	30.26 0.62 0.00	30.75 0.66 0.00	30.10 0.62 0.00	29.28 0.60 0.00	28.26 0.61 0.00	29.15 0.68 0.00	34.69 0.94 0.00	39.17 1.29 0.00	35.13 0.92 0.00	32.09 0.75 0.00	28.98 0.62 0.00	27.14 0.58 0.00	25.64 0.48 0.00	24.60 0.41 0.00
BOC_GAS_DRP 24189	22.28 0.24 0.00	20.46 0.22 0.00	19.95 0.22 0.00	19.89 0.20 0.00	20.50 0.16 0.00	22.72 0.14 0.00	27.02 0.19 0.00	28.38 0.36 0.00	29.50 0.41 0.00	29.63 0.38 0.00	30.09 0.44 0.00	30.54 0.45 0.00	29.92 0.44 0.00	29.14 0.46 0.00	28.12 0.47 0.00	29.00 0.54 0.00	34.52 0.78 0.00	38.98 1.10 0.00	34.96 0.75 0.00	31.93 0.60 0.00	28.81 0.45 0.00	26.98 0.42 0.00	25.51 0.35 0.00	24.48 0.29 0.00
BOONVILLE_115KV_TB1 79983	22.39 0.35 0.00	20.52 0.28 0.00	20.03 0.30 0.00	19.99 0.30 0.00	20.66 0.33 0.00	23.02 0.43 0.00	27.37 0.54 0.00	28.60 0.59 0.00	29.68 0.58 0.00	29.92 0.67 0.00	30.26 0.62 0.00	30.66 0.57 0.00	29.98 0.50 0.00	29.17 0.49 0.00	28.09 0.44 0.00	28.97 0.51 0.00	34.39 0.64 0.00	38.83 0.95 0.00	35.03 0.82 0.00	32.75 0.72 -0.69	29.01 0.65 0.00	27.12 0.56 0.00	25.59 0.43 0.00	24.55 0.36 0.00
BORALEX_4TH_BRANCH 23824	22.57 0.53 0.00	20.70 0.47 0.00	20.18 0.45 0.00	20.13 0.43 0.00	20.70 0.37 0.00	22.97 0.38 0.00	27.40 0.56 0.00	29.03 1.01 0.00	30.09 0.99 0.00	30.10 0.85 0.00	30.77 1.13 0.00	31.23 1.14 0.00	30.57 1.09 0.00	29.77 1.09 0.00	28.62 0.97 0.00	29.69 1.22 0.00	35.40 1.65 0.00	40.08 2.20 0.00	35.75 1.54 0.00	32.62 1.28 0.00	29.41 1.05 0.00	27.57 1.01 0.00	26.02 0.86 0.00	24.89 0.70 0.00
BOWLINE___1 23526	22.81 0.77 0.00	20.86 0.63 0.00	20.34 0.61 0.00	20.27 0.57 0.00	20.88 0.55 0.00	23.13 0.54 0.00	27.69 0.86 0.00	29.17 1.15 0.00	30.41 1.31 0.00	30.54 1.29 0.00	30.83 1.19 0.00	31.26 1.17 0.00	30.72 1.24 0.00	29.94 1.26 0.00	28.98 1.33 0.00	29.80 1.34 0.00	35.64 1.89 0.00	40.42 2.54 0.00	36.30 2.09 0.00	32.99 1.66 0.00	29.69 1.33 0.00	27.81 1.25 0.00	26.30 1.13 0.00	25.18 0.99 0.00
BOWLINE___2 23595	22.81 0.77 0.00	20.86 0.63 0.00	20.34 0.61 0.00	20.27 0.57 0.00	20.88 0.55 0.00	23.13 0.54 0.00	27.69 0.86 0.00	29.17 1.15 0.00	30.41 1.31 0.00	30.54 1.29 0.00	30.83 1.19 0.00	31.26 1.17 0.00	30.72 1.24 0.00	29.94 1.26 0.00	28.98 1.33 0.00	29.80 1.34 0.00	35.64 1.89 0.00	40.42 2.54 0.00	36.30 2.09 0.00	32.99 1.66 0.00	29.69 1.33 0.00	27.81 1.25 0.00	26.30 1.13 0.00	25.18 0.99 0.00
BRADY___115KV_TB2 356060	22.11 0.07 0.00	20.30 0.06 0.00	19.83 0.10 0.00	19.87 0.18 0.00	20.56 0.22 0.00	22.81 0.23 0.00	27.02 0.19 0.00	28.30 0.28 0.00	29.39 0.29 0.00	29.60 0.35 0.00	29.97 0.33 0.00	30.51 0.42 0.00	29.95 0.47 0.00	29.11 0.43 0.00	27.98 0.33 0.00	28.72 0.26 0.00	33.58 -0.17 0.00	37.24 -0.64 0.00	33.90 -0.31 0.00	33.30 -0.13 -2.09	28.41 0.06 0.00	26.64 0.08 0.00	25.26 0.10 0.00	24.33 0.15 0.00
BRANSCOMB___SOLAR 323811	22.81 0.77 0.00	20.90 0.67 0.00	20.38 0.65 0.00	20.33 0.63 0.00	20.88 0.55 0.00	23.22 0.63 0.00	27.67 0.83 0.00	29.05 1.04 0.00	30.20 1.11 0.00	30.36 1.11 0.00	30.89 1.24 0.00	31.35 1.26 0.00	30.69 1.21 0.00	29.86 1.18 0.00	28.81 1.16 0.00	29.71 1.25 0.00	35.47 1.72 0.00	40.12 2.23 0.00	35.95 1.74 0.00	32.75 1.41 0.00	29.55 1.19 0.00	27.70 1.14 0.00	26.14 0.98 0.00	24.98 0.80 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	23.67 1.63 0.00	21.73 1.50 0.00	21.11 1.38 0.00	20.98 1.28 0.00	21.67 1.34 0.00	24.12 1.54 0.00	29.01 2.17 0.00	34.47 2.55 -3.90	35.26 2.76 -3.40	33.38 2.54 -1.59	36.51 2.49 -4.37	38.72 2.50 -6.14	37.63 2.51 -5.64	37.94 2.50 -6.76	35.57 2.57 -5.34	39.43 2.65 -8.32	47.81 3.54 -10.52	55.40 4.47 -13.05	55.33 3.76 -17.36	42.89 3.16 -8.39	40.55 2.58 -9.62	36.66 2.39 -7.72	30.45 2.09 -3.20	27.85 2.03 -1.64



BRISTLHL_115KV_TB1 79998	21.71 -0.33 0.00	19.91 -0.32 0.00	19.41 -0.32 0.00	19.34 -0.35 0.00	19.99 -0.35 0.00	22.22 -0.36 0.00	26.38 -0.46 0.00	27.40 -0.62 0.00	28.43 -0.67 0.00	28.64 -0.61 0.00	28.99 -0.65 0.00	29.40 -0.69 0.00	28.80 -0.68 0.00	28.02 -0.66 0.00	27.02 -0.64 0.00	27.81 -0.65 0.00	33.01 -0.74 0.00	37.28 -0.61 0.00	33.59 -0.62 0.00	30.74 -0.60 0.00	27.88 -0.48 0.00	26.05 -0.50 0.00	24.73 -0.43 0.00	23.78 -0.41 0.00
BROOKHAVEN___DRP 24191	23.58 1.54 0.00	21.73 1.50 0.00	21.11 1.38 0.00	20.98 1.28 0.00	21.67 1.34 0.00	24.05 1.47 0.00	28.88 2.04 0.00	34.36 2.44 -3.90	35.12 2.62 -3.40	33.00 2.16 -1.59	36.12 2.10 -4.37	38.33 2.11 -6.14	37.24 2.12 -5.64	37.54 2.09 -6.76	35.21 2.21 -5.34	39.06 2.28 -8.32	47.44 3.17 -10.52	55.02 4.09 -13.05	54.99 3.42 -17.36	42.54 2.82 -8.39	40.21 2.24 -9.62	36.35 2.07 -7.72	30.23 1.86 -3.20	27.73 1.91 -1.64
BROOKLYN_NAVY_YARD 23515	23.01 0.97 0.00	21.00 0.77 0.00	20.50 0.77 0.00	20.40 0.71 0.00	21.00 0.67 0.00	23.26 0.68 0.00	27.96 1.13 0.00	29.47 1.46 0.00	30.78 1.69 0.00	30.92 1.67 0.00	31.12 1.48 0.00	31.56 1.47 0.00	31.04 1.56 0.00	30.29 1.61 0.00	29.34 1.69 0.00	30.11 1.65 0.00	36.08 2.33 0.00	40.95 3.07 0.00	36.74 2.53 0.00	33.37 2.04 0.00	29.97 1.62 0.00	28.07 1.51 0.00	26.55 1.38 0.00	25.40 1.21 0.00
BROOKLYN___ARMY_DRP 323595	23.28 1.23 -0.01	21.36 1.11 -0.01	20.78 1.05 -0.01	20.71 1.00 -0.01	21.34 1.00 -0.01	23.51 0.93 0.00	27.96 1.13 0.00	29.19 1.18 0.00	30.49 1.40 0.00	30.63 1.37 0.00	30.86 1.22 0.00	31.32 1.23 0.00	30.78 1.30 0.00	30.00 1.32 0.00	29.17 1.52 0.00	29.89 1.42 0.00	35.81 2.06 0.00	40.72 2.84 0.00	36.57 2.36 0.00	33.25 1.91 0.00	29.66 1.30 0.00	27.78 1.22 0.00	26.35 1.18 0.00	25.66 1.48 0.00
BROOKVLE_69_KV_TB1 55790	23.41 1.37 0.00	21.43 1.19 0.00	20.83 1.10 0.00	20.72 1.02 0.00	21.39 1.06 0.00	23.78 1.20 0.00	28.55 1.72 0.00	33.99 2.07 -3.90	34.80 2.30 -3.40	33.09 2.25 -1.59	36.27 2.25 -4.37	38.51 2.29 -6.14	37.42 2.30 -5.64	37.74 2.29 -6.76	35.32 2.32 -5.34	39.17 2.39 -8.32	47.37 3.10 -10.52	54.75 3.83 -13.05	54.78 3.22 -17.36	42.48 2.76 -8.39	40.24 2.27 -9.62	36.37 2.10 -7.72	30.18 1.81 -3.20	27.52 1.69 -1.64
BROOME_2_LFGE 323671	22.41 0.37 0.00	20.62 0.38 0.00	20.04 0.31 0.00	19.99 0.30 0.00	20.64 0.31 0.00	22.95 0.36 0.00	27.26 0.43 0.00	28.30 0.28 0.00	29.36 0.26 0.00	29.54 0.29 0.00	29.94 0.30 0.00	30.33 0.24 0.00	29.66 0.18 0.00	28.83 0.14 0.00	27.79 0.14 0.00	28.66 0.20 0.00	33.99 0.24 0.00	38.45 0.57 0.00	34.75 0.55 0.00	31.74 0.41 0.00	28.78 0.43 0.00	26.85 0.29 0.00	25.41 0.25 0.00	24.48 0.29 0.00
BROOME___LFGE 323600	22.41 0.37 0.00	20.62 0.38 0.00	20.04 0.31 0.00	19.99 0.30 0.00	20.64 0.31 0.00	22.95 0.36 0.00	27.26 0.43 0.00	28.30 0.28 0.00	29.36 0.26 0.00	29.54 0.29 0.00	29.94 0.30 0.00	30.33 0.24 0.00	29.66 0.18 0.00	28.83 0.14 0.00	27.79 0.14 0.00	28.66 0.20 0.00	33.99 0.24 0.00	38.45 0.57 0.00	34.75 0.55 0.00	31.74 0.41 0.00	28.78 0.43 0.00	26.85 0.29 0.00	25.41 0.25 0.00	24.48 0.29 0.00
BROWNFLS_115KV_TB_3_5 80003	21.60 -0.44 0.00	19.81 -0.42 0.00	19.35 -0.37 0.00	19.36 -0.33 0.00	20.05 -0.28 0.00	22.20 -0.38 0.00	26.33 -0.51 0.00	27.54 -0.48 0.00	28.57 -0.52 0.00	28.78 -0.47 0.00	29.05 -0.59 0.00	29.55 -0.54 0.00	28.92 -0.56 0.00	28.11 -0.57 0.00	27.04 -0.61 0.00	27.84 -0.63 0.00	32.70 -1.05 0.00	36.63 -1.25 0.00	33.22 -0.99 0.00	33.64 -0.85 -3.15	27.71 -0.65 0.00	25.92 -0.64 0.00	24.53 -0.63 0.00	23.63 -0.56 0.00
BROWNSV1_27_KV_LOAD 356125	23.23 1.19 0.00	21.29 1.05 0.00	20.70 0.97 0.00	20.60 0.91 0.00	21.21 0.87 0.00	23.49 0.90 0.00	28.20 1.37 0.00	29.73 1.71 0.00	31.02 1.92 0.00	31.12 1.87 0.00	31.42 1.78 0.00	31.86 1.78 0.00	31.34 1.86 0.00	30.52 1.84 0.00	29.62 1.96 0.00	30.43 1.96 0.00	36.35 2.60 0.00	41.25 3.37 0.00	37.01 2.81 0.00	33.68 2.35 0.00	30.20 1.84 0.00	28.29 1.73 0.00	26.57 1.41 0.00	25.52 1.33 0.00
BURROWS___LYONSDAL 23803	22.26 0.22 0.00	20.40 0.16 0.00	19.93 0.20 0.00	19.87 0.18 0.00	20.56 0.22 0.00	22.88 0.29 0.00	27.24 0.40 0.00	28.44 0.42 0.00	29.50 0.41 0.00	29.75 0.50 0.00	30.03 0.39 0.00	30.42 0.33 0.00	29.75 0.27 0.00	28.91 0.23 0.00	27.85 0.19 0.00	28.72 0.26 0.00	34.12 0.37 0.00	38.53 0.64 0.00	34.76 0.55 0.00	32.74 0.50 -0.90	28.81 0.45 0.00	26.90 0.35 0.00	25.39 0.23 0.00	24.36 0.17 0.00
CAITHNESS_CC_1 323624	23.54 1.50 0.00	21.63 1.40 0.00	21.05 1.32 0.00	20.94 1.24 0.00	21.64 1.30 0.00	23.96 1.38 0.00	28.85 2.01 0.00	34.33 2.41 -3.90	35.12 2.62 -3.40	33.06 2.22 -1.59	36.12 2.10 -4.37	38.30 2.07 -6.14	37.21 2.09 -5.64	37.57 2.12 -6.76	35.18 2.18 -5.34	39.00 2.22 -8.32	47.44 3.17 -10.52	55.02 4.09 -13.05	55.02 3.45 -17.36	42.51 2.79 -8.39	40.27 2.30 -9.62	36.40 2.13 -7.72	30.40 2.04 -3.20	27.78 1.96 -1.64
CALPINE BETH_PAGE_GT4 24209	23.43 1.39 0.00	21.47 1.23 0.00	20.87 1.14 0.00	20.74 1.04 0.00	21.41 1.08 0.00	23.81 1.22 0.00	28.53 1.69 0.00	33.80 1.88 -3.90	34.56 2.07 -3.40	32.86 2.02 -1.59	36.00 1.99 -4.37	38.24 2.02 -6.14	37.15 2.03 -5.64	37.48 2.04 -6.76	35.10 2.10 -5.34	38.95 2.16 -8.32	47.10 2.83 -10.52	54.56 3.64 -13.05	54.58 3.01 -17.36	42.26 2.54 -8.39	40.04 2.07 -9.62	36.21 1.94 -7.72	30.18 1.81 -3.20	27.54 1.72 -1.64
CALPINE_BETH_PAGE_GT_4 323586	23.43 1.39 0.00	21.41 1.17 0.00	20.85 1.12 0.00	20.74 1.04 0.00	21.41 1.08 0.00	23.78 1.20 0.00	28.53 1.69 0.00	33.83 1.91 -3.90	34.59 2.10 -3.40	32.92 2.08 -1.59	35.97 1.96 -4.37	38.18 1.95 -6.14	37.13 2.01 -5.64	37.48 2.04 -6.76	35.07 2.07 -5.34	38.89 2.11 -8.32	47.13 2.87 -10.52	54.60 3.67 -13.05	54.65 3.08 -17.36	42.26 2.54 -8.39	40.04 2.07 -9.62	36.21 1.94 -7.72	30.28 1.91 -3.20	27.64 1.81 -1.64
CALPINE_BP_GT1 23823	23.43 1.39 0.00	21.41 1.17 0.00	20.85 1.12 0.00	20.74 1.04 0.00	21.41 1.08 0.00	23.78 1.20 0.00	28.53 1.69 0.00	33.83 1.91 -3.90	34.59 2.10 -3.40	32.92 2.08 -1.59	35.97 1.96 -4.37	38.18 1.95 -6.14	37.13 2.01 -5.64	37.48 2.04 -6.76	35.07 2.07 -5.34	38.89 2.11 -8.32	47.13 2.87 -10.52	54.60 3.67 -13.05	54.65 3.08 -17.36	42.26 2.54 -8.39	40.04 2.07 -9.62	36.21 1.94 -7.72	30.28 1.91 -3.20	27.64 1.81 -1.64
CALSPAN___DRP 24200	22.41 0.37 0.00	20.62 0.38 0.00	20.12 0.39 0.00	20.03 0.33 0.00	20.74 0.41 0.00	23.06 0.47 0.00	27.24 0.40 0.00	27.37 -0.64 0.00	28.49 -0.61 0.00	28.64 -0.61 0.00	28.78 -0.86 0.00	28.97 -1.11 0.00	28.42 -1.06 0.00	27.56 -1.12 0.00	26.38 -1.27 0.00	27.07 -1.39 0.00	32.09 -1.65 0.00	36.37 -1.52 0.00	32.81 -1.40 0.00	30.30 -1.03 0.00	27.82 -0.54 0.00	25.76 -0.80 0.00	24.51 -0.65 0.00	23.78 -0.41 0.00

CALVERTON___SOLAR 323806	23.65 1.61 0.00	21.73 1.50 0.00	21.17 1.44 0.00	21.04 1.34 0.00	21.76 1.42 0.00	24.08 1.49 0.00	28.98 2.15 0.00	34.47 2.55 -3.90	35.26 2.77 -3.40	33.09 2.25 -1.59	36.15 2.14 -4.37	38.33 2.11 -6.14	37.24 2.12 -5.64	37.60 2.15 -6.76	35.21 2.21 -5.34	39.06 2.28 -8.32	47.54 3.27 -10.52	55.13 4.20 -13.05	55.16 3.59 -17.36	42.64 2.91 -8.39	40.33 2.35 -9.62	36.45 2.18 -7.72	30.48 2.11 -3.20	27.90 2.08 -1.64
CANDIGU_WT_PWR 323617	22.52 0.48 0.00	20.84 0.61 0.00	20.20 0.47 0.00	20.13 0.43 0.00	20.80 0.47 0.00	23.11 0.52 0.00	27.32 0.48 0.00	27.93 -0.08 0.00	28.92 -0.17 0.00	29.05 -0.20 0.00	29.37 -0.27 0.00	29.70 -0.39 0.00	28.95 -0.53 0.00	28.02 -0.66 0.00	27.02 -0.63 0.00	27.92 -0.54 0.00	32.91 -0.84 0.00	37.35 -0.53 0.00	33.97 -0.24 0.00	31.08 -0.25 0.00	28.36 0.00 0.00	26.35 -0.21 0.00	24.99 -0.17 0.00	24.16 -0.02 0.00
CARR STREET_E_SYR 24060	21.95 -0.09 0.00	20.17 -0.06 0.00	19.63 -0.10 0.00	19.58 -0.12 0.00	20.21 -0.12 0.00	22.50 -0.09 0.00	26.62 -0.22 0.00	27.60 -0.42 0.00	28.60 -0.49 0.00	28.78 -0.47 0.00	29.20 -0.44 0.00	29.60 -0.48 0.00	28.98 -0.50 0.00	28.19 -0.49 0.00	27.27 -0.39 0.00	28.01 -0.46 0.00	33.11 -0.64 0.00	37.39 -0.49 0.00	33.76 -0.45 0.00	30.83 -0.50 0.00	28.05 -0.31 0.00	26.27 -0.29 0.00	24.86 -0.30 0.00	23.94 -0.24 0.00
CARTHAGE___PAPER 23857	21.75 -0.29 0.00	19.93 -0.30 0.00	19.47 -0.26 0.00	19.44 -0.26 0.00	20.13 -0.20 0.00	22.43 -0.16 0.00	26.68 -0.16 0.00	27.85 -0.17 0.00	28.81 -0.29 0.00	29.05 -0.20 0.00	29.29 -0.35 0.00	29.67 -0.42 0.00	28.95 -0.53 0.00	28.19 -0.49 0.00	27.16 -0.50 0.00	28.06 -0.40 0.00	33.31 -0.44 0.00	37.62 -0.26 0.00	34.04 -0.17 0.00	32.62 -0.16 -1.44	28.24 -0.11 0.00	26.35 -0.21 0.00	24.81 -0.35 0.00	23.80 -0.39 0.00
CASSADAGA_WT_PWR 323784	23.08 1.04 0.00	21.39 1.15 0.00	20.66 0.93 0.00	20.60 0.91 0.00	21.25 0.92 0.00	23.60 1.02 0.00	27.96 1.13 0.00	28.13 0.11 0.00	29.18 0.09 0.00	29.25 0.00 0.00	29.55 -0.09 0.00	29.79 -0.30 0.00	28.92 -0.56 0.00	27.79 -0.89 0.00	26.77 -0.89 0.00	27.75 -0.71 0.00	32.57 -1.18 0.00	36.97 -0.91 0.00	33.66 -0.55 0.00	30.80 -0.53 0.00	28.22 -0.14 0.00	25.97 -0.58 0.00	24.53 -0.63 0.00	23.99 -0.19 0.00
CE_DUNWOOD___DRP 24194	22.92 0.88 0.00	21.02 0.79 0.00	20.44 0.71 0.00	20.37 0.67 0.00	20.96 0.63 0.00	23.22 0.63 0.00	27.83 0.99 0.00	29.33 1.32 0.00	30.58 1.48 0.00	30.65 1.40 0.00	31.03 1.39 0.00	31.50 1.41 0.00	30.93 1.44 0.00	30.14 1.46 0.00	29.20 1.55 0.00	30.06 1.59 0.00	35.87 2.13 0.00	40.69 2.80 0.00	36.47 2.26 0.00	33.18 1.85 0.00	29.83 1.47 0.00	27.91 1.35 0.00	26.27 1.11 0.00	25.23 1.04 0.00
CE_MILLWOOD___DRP 24193	22.90 0.86 0.00	20.98 0.75 0.00	20.42 0.69 0.00	20.33 0.63 0.00	20.94 0.61 0.00	23.20 0.61 0.00	27.75 0.91 0.00	29.25 1.23 0.00	30.49 1.40 0.00	30.60 1.35 0.00	30.98 1.33 0.00	31.44 1.35 0.00	30.87 1.39 0.00	30.06 1.38 0.00	29.12 1.47 0.00	30.00 1.54 0.00	35.77 2.02 0.00	40.57 2.69 0.00	36.40 2.19 0.00	33.12 1.79 0.00	29.78 1.42 0.00	27.86 1.30 0.00	26.22 1.06 0.00	25.18 0.99 0.00
CE_NYC2_DRP 24202	23.17 1.12 -0.01	21.23 0.99 -0.01	20.66 0.93 -0.01	20.57 0.87 -0.01	21.17 0.83 -0.01	23.38 0.79 0.00	28.04 1.21 0.00	29.42 1.40 0.00	30.70 1.60 0.00	30.80 1.55 0.00	31.09 1.45 0.00	31.53 1.44 0.00	30.99 1.50 0.00	30.20 1.52 0.00	29.31 1.66 0.00	30.08 1.62 0.00	35.94 2.19 0.00	40.76 2.88 0.00	36.60 2.39 0.00	33.31 1.97 0.00	29.83 1.47 0.00	27.97 1.41 0.00	26.35 1.18 0.00	25.37 1.19 0.00
CE_NYC_DRP 24195	23.05 1.01 0.00	21.13 0.89 0.00	20.56 0.83 0.00	20.46 0.77 0.00	21.06 0.73 0.00	23.31 0.72 0.00	27.96 1.13 0.00	29.47 1.46 0.00	30.73 1.63 0.00	30.83 1.58 0.00	31.15 1.51 0.00	31.62 1.53 0.00	31.07 1.59 0.00	30.29 1.61 0.00	29.37 1.71 0.00	30.17 1.71 0.00	36.01 2.26 0.00	40.88 2.99 0.00	36.64 2.43 0.00	33.34 2.01 0.00	29.92 1.56 0.00	28.02 1.46 0.00	26.35 1.18 0.00	25.30 1.11 0.00
CHAFFEE___LFGE 323603	22.46 0.42 0.00	20.84 0.61 0.00	20.14 0.41 0.00	20.07 0.37 0.00	20.78 0.45 0.00	23.13 0.54 0.00	27.32 0.48 0.00	27.60 -0.42 0.00	28.60 -0.49 0.00	28.73 -0.53 0.00	29.08 -0.56 0.00	29.43 -0.66 0.00	28.71 -0.77 0.00	27.71 -0.98 0.00	26.68 -0.97 0.00	27.61 -0.85 0.00	32.30 -1.45 0.00	36.59 -1.29 0.00	33.42 -0.79 0.00	30.52 -0.81 0.00	27.96 -0.40 0.00	25.87 -0.69 0.00	24.61 -0.55 0.00	23.92 -0.27 0.00
CHATEAUG_35_KV_LOAD 355732	21.31 -0.73 0.00	19.63 -0.61 0.00	19.28 -0.45 0.00	19.58 -0.12 0.00	20.39 0.06 0.00	22.83 0.25 0.00	27.10 0.27 0.00	28.35 0.34 0.00	29.45 0.35 0.00	29.60 0.35 0.00	29.67 0.03 0.00	30.36 0.27 0.00	29.81 0.32 0.00	29.00 0.32 0.00	27.74 0.08 0.00	27.98 -0.48 0.00	32.53 -1.21 0.00	35.95 -1.93 0.00	32.60 -1.61 0.00	-2.05 -1.41 31.97	27.14 -1.22 0.00	25.60 -0.96 0.00	24.41 -0.75 0.00	23.70 -0.48 0.00
CHATEAUG_WT_PWR 323614	21.18 -0.86 0.00	19.51 -0.73 0.00	19.18 -0.55 0.00	19.50 -0.20 0.00	20.31 -0.02 0.00	22.77 0.18 0.00	27.03 0.19 0.00	28.27 0.25 0.00	29.42 0.32 0.00	29.54 0.29 0.00	29.55 -0.09 0.00	30.24 0.15 0.00	29.75 0.26 0.00	28.94 0.26 0.00	27.68 0.03 0.00	27.86 -0.60 0.00	32.36 -1.39 0.00	35.76 -2.12 0.00	32.33 -1.88 0.00	-0.03 -1.63 29.73	26.97 -1.39 0.00	25.47 -1.09 0.00	24.33 -0.83 0.00	23.63 -0.56 0.00
CHAT_HIGH_FALL_HYD 323578	21.31 -0.73 0.00	19.63 -0.61 0.00	19.28 -0.45 0.00	19.58 -0.12 0.00	20.39 0.06 0.00	22.84 0.25 0.00	27.10 0.27 0.00	28.35 0.34 0.00	29.47 0.38 0.00	29.60 0.35 0.00	29.67 0.03 0.00	30.33 0.24 0.00	29.81 0.32 0.00	29.00 0.32 0.00	27.74 0.08 0.00	27.98 -0.48 0.00	32.54 -1.21 0.00	35.95 -1.93 0.00	32.47 -1.74 0.00	-2.05 -1.41 31.97	27.14 -1.22 0.00	25.60 -0.96 0.00	24.43 -0.73 0.00	23.70 -0.48 0.00
CHAUTAUQUA___LFGE 323629	22.72 0.68 0.00	21.09 0.85 0.00	20.38 0.65 0.00	20.31 0.61 0.00	21.00 0.67 0.00	23.33 0.74 0.00	27.59 0.75 0.00	27.85 -0.17 0.00	28.86 -0.23 0.00	28.99 -0.26 0.00	29.32 -0.33 0.00	29.60 -0.48 0.00	28.86 -0.62 0.00	27.79 -0.89 0.00	26.77 -0.89 0.00	27.72 -0.74 0.00	32.47 -1.28 0.00	36.82 -1.06 0.00	33.59 -0.61 0.00	30.71 -0.63 0.00	28.13 -0.23 0.00	25.97 -0.58 0.00	24.66 -0.50 0.00	23.99 -0.19 0.00
CHERRYST_13_KV_LD 356241	23.12 1.08 0.00	21.17 0.93 0.00	20.60 0.87 0.00	20.50 0.81 0.00	21.11 0.77 0.00	23.35 0.77 0.00	28.02 1.18 0.00	29.56 1.54 0.00	30.84 1.75 0.00	30.92 1.67 0.00	31.24 1.60 0.00	31.71 1.62 0.00	31.16 1.68 0.00	30.37 1.69 0.00	29.45 1.80 0.00	30.26 1.79 0.00	36.14 2.40 0.00	40.99 3.11 0.00	36.74 2.53 0.00	33.43 2.10 0.00	29.97 1.62 0.00	28.07 1.51 0.00	26.42 1.26 0.00	25.37 1.19 0.00

CHESTROR_138KV_BK263 355645	22.72 0.68 0.00	20.84 0.61 0.00	20.28 0.55 0.00	20.21 0.51 0.00	20.82 0.49 0.00	23.06 0.47 0.00	27.56 0.72 0.00	28.97 0.95 0.00	30.17 1.08 0.00	30.30 1.05 0.00	30.68 1.04 0.00	31.14 1.05 0.00	30.54 1.06 0.00	29.77 1.09 0.00	28.81 1.16 0.00	29.69 1.22 0.00	35.40 1.65 0.00	40.12 2.24 0.00	35.99 1.78 0.00	32.78 1.44 0.00	29.52 1.16 0.00	27.62 1.06 0.00	26.02 0.86 0.00	24.98 0.80 0.00
CH_MIDHUDSON___DRP 24192	22.88 0.84 0.00	20.96 0.73 0.00	20.42 0.69 0.00	20.35 0.65 0.00	20.94 0.61 0.00	23.20 0.61 0.00	27.72 0.89 0.00	29.19 1.18 0.00	30.41 1.31 0.00	30.54 1.29 0.00	30.95 1.30 0.00	31.41 1.32 0.00	30.81 1.33 0.00	30.03 1.35 0.00	29.04 1.38 0.00	29.94 1.48 0.00	35.67 1.92 0.00	40.46 2.58 0.00	36.26 2.05 0.00	33.03 1.69 0.00	29.72 1.36 0.00	27.83 1.27 0.00	26.19 1.03 0.00	25.15 0.97 0.00
CH_MISC_IPPS 23765	22.99 0.95 0.00	21.02 0.79 0.00	20.50 0.77 0.00	20.43 0.73 0.00	21.02 0.69 0.00	23.29 0.70 0.00	27.86 1.02 0.00	29.31 1.29 0.00	30.58 1.48 0.00	30.71 1.46 0.00	31.03 1.39 0.00	31.53 1.44 0.00	30.93 1.44 0.00	30.17 1.49 0.00	29.14 1.49 0.00	30.03 1.56 0.00	35.88 2.13 0.00	40.72 2.84 0.00	36.54 2.33 0.00	33.21 1.88 0.00	29.92 1.56 0.00	27.99 1.43 0.00	26.47 1.31 0.00	25.35 1.16 0.00
CH_RES_BVR_FALLS 23983	21.62 -0.42 0.00	19.89 -0.34 0.00	19.47 -0.26 0.00	19.52 -0.18 0.00	20.23 -0.10 0.00	22.52 -0.07 0.00	26.70 -0.13 0.00	27.82 -0.19 0.00	28.83 -0.26 0.00	28.96 -0.29 0.00	29.34 -0.30 0.00	29.82 -0.27 0.00	29.19 -0.29 0.00	28.34 -0.34 0.00	27.29 -0.36 0.00	28.01 -0.46 0.00	33.07 -0.67 0.00	36.86 -1.02 0.00	33.36 -0.85 0.00	30.71 -0.63 0.00	27.82 -0.54 0.00	26.16 -0.40 0.00	24.86 -0.30 0.00	23.94 -0.24 0.00
CH_RES_NIAGARA 23895	21.53 -0.51 0.00	20.03 -0.20 0.00	19.30 -0.43 0.00	19.22 -0.47 0.00	19.90 -0.43 0.00	22.16 -0.43 0.00	26.06 -0.78 0.00	26.22 -1.79 0.00	27.18 -1.92 0.00	27.32 -1.93 0.00	27.66 -1.99 0.00	27.98 -2.11 0.00	27.33 -2.15 0.00	26.36 -2.32 0.00	25.36 -2.29 0.00	26.24 -2.22 0.00	30.57 -3.17 0.00	34.51 -3.37 0.00	31.61 -2.60 0.00	28.89 -2.44 0.00	26.49 -1.87 0.00	24.51 -2.04 0.00	23.38 -1.79 0.00	22.81 -1.38 0.00
CH_RES_SYRACUSE 23985	22.30 0.27 0.00	20.48 0.24 0.00	19.93 0.20 0.00	19.85 0.16 0.00	20.54 0.20 0.00	22.86 0.27 0.00	27.13 0.30 0.00	28.19 0.17 0.00	29.24 0.15 0.00	29.48 0.23 0.00	29.94 0.30 0.00	30.33 0.24 0.00	29.69 0.21 0.00	28.83 0.14 0.00	27.79 0.14 0.00	28.63 0.17 0.00	33.51 -0.23 0.00	37.84 -0.04 0.00	34.17 -0.03 0.00	31.21 -0.12 0.00	28.30 -0.06 0.00	26.43 -0.13 0.00	25.01 -0.15 0.00	24.09 -0.10 0.00
CLINTON_WT_PWR 323605	21.18 -0.86 0.00	19.51 -0.73 0.00	19.18 -0.55 0.00	19.50 -0.20 0.00	20.31 -0.02 0.00	22.77 0.18 0.00	27.03 0.19 0.00	28.27 0.25 0.00	29.42 0.32 0.00	29.54 0.29 0.00	29.55 -0.09 0.00	30.24 0.15 0.00	29.75 0.26 0.00	28.94 0.26 0.00	27.68 0.03 0.00	27.86 -0.60 0.00	32.36 -1.39 0.00	35.76 -2.12 0.00	32.33 -1.88 0.00	-0.03 -1.63 29.73	26.97 -1.39 0.00	25.47 -1.09 0.00	24.33 -0.83 0.00	23.63 -0.56 0.00
CLINTON___LFGE 323618	21.40 -0.64 0.00	19.71 -0.53 0.00	19.38 -0.35 0.00	19.70 0.00 0.00	20.52 0.18 0.00	23.01 0.43 0.00	27.32 0.48 0.00	28.66 0.64 0.00	29.82 0.73 0.00	29.95 0.70 0.00	30.03 0.38 0.00	30.69 0.60 0.00	30.16 0.68 0.00	29.40 0.72 0.00	28.12 0.47 0.00	28.35 -0.11 0.00	32.97 -0.77 0.00	36.52 -1.36 0.00	32.94 -1.27 0.00	0.01 -0.97 30.35	27.53 -0.82 0.00	26.00 -0.56 0.00	24.79 -0.38 0.00	24.04 -0.14 0.00
COBBLENY_34_KV_TB1 80064	22.46 0.42 0.00	20.66 0.42 0.00	20.16 0.43 0.00	20.07 0.37 0.00	20.78 0.45 0.00	23.13 0.54 0.00	27.32 0.48 0.00	27.48 -0.53 0.00	28.60 -0.49 0.00	28.75 -0.50 0.00	28.90 -0.74 0.00	29.12 -0.96 0.00	28.54 -0.94 0.00	27.71 -0.98 0.00	26.49 -1.16 0.00	27.21 -1.25 0.00	32.30 -1.45 0.00	36.59 -1.29 0.00	32.98 -1.23 0.00	30.46 -0.88 0.00	27.96 -0.40 0.00	25.90 -0.66 0.00	24.63 -0.53 0.00	23.87 -0.31 0.00
COFFEEN___115KV_TB3 355620	22.02 -0.02 0.00	20.13 -0.10 0.00	19.67 -0.06 0.00	19.62 -0.08 0.00	20.31 -0.02 0.00	22.65 0.07 0.00	26.97 0.13 0.00	28.10 0.08 0.00	29.04 -0.06 0.00	29.28 0.03 0.00	29.61 -0.03 0.00	29.97 -0.12 0.00	29.28 -0.21 0.00	28.51 -0.17 0.00	27.46 -0.19 0.00	28.43 -0.03 0.00	33.82 0.07 0.00	38.34 0.45 0.00	34.65 0.44 0.00	32.87 0.34 -1.19	28.73 0.37 0.00	26.77 0.21 0.00	25.21 0.05 0.00	24.14 -0.05 0.00
COLDSPRG_115KV_BK1 355956	23.34 1.30 0.00	21.47 1.23 0.00	20.89 1.16 0.00	20.82 1.12 0.00	21.53 1.20 0.00	23.96 1.38 0.00	28.42 1.58 0.00	28.60 0.59 0.00	29.77 0.67 0.00	29.87 0.61 0.00	30.03 0.39 0.00	30.21 0.12 0.00	29.51 0.03 0.00	28.57 -0.11 0.00	27.38 -0.28 0.00	28.12 -0.34 0.00	33.48 -0.27 0.00	38.03 0.15 0.00	34.21 0.00 0.00	31.55 0.22 0.00	28.98 0.62 0.00	26.77 0.21 0.00	25.34 0.18 0.00	24.57 0.39 0.00
COLONIE_LFGE___ 323577	22.48 0.44 0.00	20.62 0.38 0.00	20.10 0.37 0.00	20.05 0.35 0.00	20.64 0.31 0.00	22.90 0.32 0.00	27.26 0.43 0.00	28.74 0.73 0.00	29.82 0.73 0.00	29.95 0.70 0.00	30.47 0.83 0.00	30.93 0.84 0.00	30.31 0.82 0.00	29.48 0.80 0.00	28.43 0.77 0.00	29.35 0.88 0.00	35.03 1.28 0.00	39.59 1.71 0.00	35.48 1.27 0.00	32.31 0.97 0.00	29.15 0.79 0.00	27.38 0.82 0.00	25.89 0.73 0.00	24.74 0.56 0.00
COOPERNY_115KV_TB1 80082	22.59 0.55 0.00	20.70 0.47 0.00	20.16 0.43 0.00	20.09 0.39 0.00	20.70 0.37 0.00	22.97 0.38 0.00	27.43 0.59 0.00	28.77 0.76 0.00	29.94 0.84 0.00	30.07 0.82 0.00	30.44 0.80 0.00	30.90 0.81 0.00	30.31 0.83 0.00	29.51 0.83 0.00	28.54 0.88 0.00	29.40 0.94 0.00	35.00 1.25 0.00	39.62 1.74 0.00	35.61 1.40 0.00	32.46 1.13 0.00	29.27 0.91 0.00	27.41 0.85 0.00	25.84 0.68 0.00	24.82 0.63 0.00
COPENHAGEN_WT_PWR 323753	21.84 -0.20 0.00	20.01 -0.22 0.00	19.53 -0.20 0.00	19.48 -0.22 0.00	20.17 -0.16 0.00	22.47 -0.11 0.00	26.73 -0.11 0.00	27.82 -0.19 0.00	28.78 -0.32 0.00	29.02 -0.24 0.00	29.37 -0.27 0.00	29.76 -0.33 0.00	29.07 -0.41 0.00	28.28 -0.40 0.00	27.27 -0.39 0.00	28.18 -0.28 0.00	33.48 -0.27 0.00	37.88 0.00 0.00	34.28 0.07 0.00	32.46 0.00 -1.13	28.39 0.03 0.00	26.48 -0.08 0.00	24.91 -0.25 0.00	23.92 -0.27 0.00
CORNELL_____ 23752	22.70 0.66 0.00	20.82 0.59 0.00	20.30 0.57 0.00	20.23 0.53 0.00	20.92 0.59 0.00	23.31 0.72 0.00	27.72 0.89 0.00	28.83 0.81 0.00	29.94 0.84 0.00	30.16 0.91 0.00	30.50 0.86 0.00	30.81 0.72 0.00	30.13 0.65 0.00	29.28 0.60 0.00	28.21 0.55 0.00	29.09 0.63 0.00	34.56 0.81 0.00	39.17 1.29 0.00	35.30 1.09 0.00	32.34 1.00 0.00	29.32 0.96 0.00	27.36 0.80 0.00	25.84 0.68 0.00	24.84 0.65 0.00

CORONA__69_KV_TB1 355595	23.32 1.28 0.00	21.37 1.13 0.00	20.78 1.05 0.00	20.66 0.97 0.00	21.31 0.98 0.00	23.67 1.08 0.00	28.42 1.58 0.00	33.85 1.93 -3.90	34.65 2.15 -3.40	32.95 2.11 -1.59	36.12 2.10 -4.37	38.36 2.14 -6.14	37.27 2.15 -5.64	37.60 2.15 -6.76	35.18 2.18 -5.34	39.03 2.25 -8.32	47.14 2.87 -10.52	54.60 3.67 -13.05	54.61 3.04 -17.36	42.36 2.63 -8.39	40.16 2.18 -9.62	36.27 1.99 -7.72	30.05 1.69 -3.20	27.39 1.57 -1.64
CORTLAND__115KV_TB3 80093	22.46 0.42 0.00	20.60 0.36 0.00	20.08 0.36 0.00	20.01 0.32 0.00	20.68 0.35 0.00	23.04 0.45 0.00	27.37 0.54 0.00	28.46 0.45 0.00	29.56 0.47 0.00	29.75 0.50 0.00	30.12 0.47 0.00	30.51 0.42 0.00	29.84 0.35 0.00	29.03 0.34 0.00	27.96 0.30 0.00	28.80 0.34 0.00	34.25 0.51 0.00	38.75 0.87 0.00	34.89 0.68 0.00	31.93 0.60 0.00	28.95 0.60 0.00	27.04 0.48 0.00	25.59 0.43 0.00	24.60 0.41 0.00
COXSACKIE__GT 23611	23.08 1.04 0.00	21.19 0.95 0.00	20.64 0.91 0.00	20.60 0.91 0.00	21.25 0.92 0.00	23.51 0.93 0.00	28.02 1.18 0.00	29.44 1.43 0.00	30.61 1.51 0.00	30.77 1.52 0.00	31.15 1.51 0.00	31.65 1.56 0.00	30.96 1.47 0.00	30.14 1.46 0.00	29.03 1.38 0.00	30.08 1.62 0.00	35.94 2.19 0.00	40.84 2.96 0.00	36.64 2.43 0.00	33.31 1.98 0.00	30.15 1.79 0.00	28.15 1.59 0.00	26.52 1.36 0.00	25.40 1.21 0.00
CPV_VALLEY__CC1 323721	22.59 0.55 0.00	20.66 0.43 0.00	20.14 0.41 0.00	20.07 0.37 0.00	20.68 0.35 0.00	22.93 0.34 0.00	27.40 0.56 0.00	28.80 0.78 0.00	30.00 0.90 0.00	30.13 0.88 0.00	30.47 0.83 0.00	30.90 0.81 0.00	30.34 0.86 0.00	29.57 0.89 0.00	28.59 0.94 0.00	29.43 0.97 0.00	35.13 1.38 0.00	39.81 1.93 0.00	35.75 1.54 0.00	32.53 1.19 0.00	29.32 0.96 0.00	27.46 0.90 0.00	25.99 0.83 0.00	24.89 0.70 0.00
CPV_VALLEY__CC2 323722	22.59 0.55 0.00	20.66 0.43 0.00	20.14 0.41 0.00	20.07 0.37 0.00	20.68 0.35 0.00	22.93 0.34 0.00	27.40 0.56 0.00	28.80 0.78 0.00	30.00 0.90 0.00	30.13 0.88 0.00	30.47 0.83 0.00	30.90 0.81 0.00	30.34 0.86 0.00	29.57 0.89 0.00	28.59 0.94 0.00	29.43 0.97 0.00	35.13 1.38 0.00	39.81 1.93 0.00	35.75 1.54 0.00	32.53 1.19 0.00	29.32 0.96 0.00	27.46 0.90 0.00	25.99 0.83 0.00	24.89 0.70 0.00
CRESCENT__HYD 24018	22.48 0.44 0.00	20.62 0.38 0.00	20.10 0.37 0.00	20.05 0.35 0.00	20.64 0.31 0.00	22.90 0.32 0.00	27.26 0.43 0.00	28.74 0.73 0.00	29.82 0.73 0.00	29.95 0.70 0.00	30.47 0.83 0.00	30.93 0.84 0.00	30.31 0.82 0.00	29.48 0.80 0.00	28.43 0.77 0.00	29.35 0.88 0.00	35.03 1.28 0.00	39.59 1.71 0.00	35.48 1.27 0.00	32.31 0.97 0.00	29.15 0.79 0.00	27.38 0.82 0.00	25.89 0.73 0.00	24.74 0.56 0.00
CRICKET__VALLEY_CC1 323756	22.61 0.57 0.00	20.72 0.48 0.00	20.22 0.49 0.00	20.15 0.45 0.00	20.72 0.39 0.00	22.95 0.36 0.00	27.37 0.54 0.00	28.89 0.87 0.00	30.09 0.99 0.00	30.16 0.91 0.00	30.56 0.92 0.00	31.02 0.93 0.00	30.45 0.97 0.00	29.68 1.00 0.00	28.68 1.02 0.00	29.54 1.08 0.00	35.34 1.59 0.00	40.04 2.16 0.00	35.85 1.64 0.00	32.62 1.29 0.00	29.35 0.99 0.00	27.57 1.01 0.00	26.14 0.98 0.00	25.01 0.82 0.00
CRICKET__VALLEY_CC2 323757	22.61 0.57 0.00	20.72 0.48 0.00	20.22 0.49 0.00	20.15 0.45 0.00	20.72 0.39 0.00	22.95 0.36 0.00	27.37 0.54 0.00	28.89 0.87 0.00	30.09 0.99 0.00	30.16 0.91 0.00	30.56 0.92 0.00	31.02 0.93 0.00	30.45 0.97 0.00	29.68 1.00 0.00	28.68 1.02 0.00	29.54 1.08 0.00	35.34 1.59 0.00	40.04 2.16 0.00	35.85 1.64 0.00	32.62 1.29 0.00	29.35 0.99 0.00	27.57 1.01 0.00	26.14 0.98 0.00	25.01 0.82 0.00
CRICKET__VALLEY_CC3 323758	22.61 0.57 0.00	20.72 0.48 0.00	20.22 0.49 0.00	20.15 0.45 0.00	20.72 0.39 0.00	22.95 0.36 0.00	27.37 0.54 0.00	28.89 0.87 0.00	30.09 0.99 0.00	30.16 0.91 0.00	30.56 0.92 0.00	31.02 0.93 0.00	30.45 0.97 0.00	29.68 1.00 0.00	28.68 1.02 0.00	29.54 1.08 0.00	35.34 1.59 0.00	40.04 2.16 0.00	35.85 1.64 0.00	32.62 1.29 0.00	29.35 0.99 0.00	27.57 1.01 0.00	26.14 0.98 0.00	25.01 0.82 0.00
CRUCIBLE_METL_DRP 24180	22.30 0.26 0.00	20.46 0.22 0.00	19.93 0.20 0.00	19.85 0.16 0.00	20.54 0.20 0.00	22.86 0.27 0.00	27.16 0.32 0.00	28.21 0.20 0.00	29.30 0.20 0.00	29.51 0.26 0.00	29.91 0.27 0.00	30.27 0.18 0.00	29.63 0.15 0.00	28.82 0.14 0.00	27.76 0.11 0.00	28.55 0.09 0.00	33.48 -0.27 0.00	37.84 -0.04 0.00	34.07 -0.14 0.00	31.21 -0.13 0.00	28.30 -0.06 0.00	26.48 -0.08 0.00	25.09 -0.08 0.00	24.14 -0.05 0.00
DAHOWA__HYDRO 323763	22.88 0.84 0.00	20.96 0.73 0.00	20.44 0.71 0.00	20.39 0.69 0.00	20.92 0.59 0.00	23.29 0.70 0.00	27.75 0.91 0.00	29.11 1.09 0.00	30.26 1.17 0.00	30.48 1.23 0.00	30.98 1.34 0.00	31.47 1.38 0.00	30.78 1.30 0.00	29.94 1.26 0.00	28.90 1.25 0.00	29.80 1.34 0.00	35.57 1.82 0.00	40.23 2.35 0.00	36.09 1.88 0.00	32.84 1.50 0.00	29.66 1.31 0.00	27.76 1.20 0.00	26.19 1.03 0.00	25.03 0.85 0.00
DANC__LFGE 323619	21.80 -0.24 0.00	19.99 -0.24 0.00	19.49 -0.24 0.00	19.42 -0.28 0.00	20.09 -0.24 0.00	22.38 -0.20 0.00	26.57 -0.27 0.00	27.62 -0.39 0.00	28.60 -0.49 0.00	28.84 -0.41 0.00	29.23 -0.42 0.00	29.60 -0.48 0.00	28.95 -0.53 0.00	28.17 -0.52 0.00	27.16 -0.50 0.00	28.04 -0.43 0.00	33.24 -0.51 0.00	37.62 -0.26 0.00	34.00 -0.20 0.00	31.83 -0.28 -0.78	28.19 -0.17 0.00	26.29 -0.27 0.00	24.79 -0.38 0.00	23.82 -0.36 0.00
DANSKAMMER__1 23586	22.99 0.95 0.00	21.02 0.79 0.00	20.50 0.77 0.00	20.43 0.73 0.00	21.02 0.69 0.00	23.29 0.70 0.00	27.86 1.02 0.00	29.31 1.29 0.00	30.58 1.48 0.00	30.71 1.46 0.00	31.03 1.39 0.00	31.53 1.44 0.00	30.93 1.44 0.00	30.17 1.49 0.00	29.14 1.49 0.00	30.03 1.56 0.00	35.88 2.13 0.00	40.72 2.84 0.00	36.54 2.33 0.00	33.21 1.88 0.00	29.92 1.56 0.00	27.99 1.43 0.00	26.47 1.31 0.00	25.35 1.16 0.00
DANSKAMMER__2 23589	22.99 0.95 0.00	21.02 0.79 0.00	20.50 0.77 0.00	20.43 0.73 0.00	21.02 0.69 0.00	23.29 0.70 0.00	27.86 1.02 0.00	29.31 1.29 0.00	30.58 1.48 0.00	30.71 1.46 0.00	31.03 1.39 0.00	31.53 1.44 0.00	30.93 1.44 0.00	30.17 1.49 0.00	29.14 1.49 0.00	30.03 1.56 0.00	35.88 2.13 0.00	40.72 2.84 0.00	36.54 2.33 0.00	33.21 1.88 0.00	29.92 1.56 0.00	27.99 1.43 0.00	26.47 1.31 0.00	25.35 1.16 0.00
DANSKAMMER__3 23590	22.99 0.95 0.00	21.02 0.79 0.00	20.50 0.77 0.00	20.43 0.73 0.00	21.02 0.69 0.00	23.29 0.70 0.00	27.86 1.02 0.00	29.31 1.29 0.00	30.58 1.48 0.00	30.71 1.46 0.00	31.03 1.39 0.00	31.53 1.44 0.00	30.93 1.44 0.00	30.17 1.49 0.00	29.14 1.49 0.00	30.03 1.56 0.00	35.88 2.13 0.00	40.72 2.84 0.00	36.54 2.33 0.00	33.21 1.88 0.00	29.92 1.56 0.00	27.99 1.43 0.00	26.47 1.31 0.00	25.35 1.16 0.00

DANSKAMMER___4 23591	22.99 0.95 0.00	21.02 0.79 0.00	20.50 0.77 0.00	20.43 0.73 0.00	21.02 0.69 0.00	23.29 0.70 0.00	27.86 1.02 0.00	29.31 1.29 0.00	30.58 1.48 0.00	30.71 1.46 0.00	31.03 1.39 0.00	31.53 1.44 0.00	30.93 1.44 0.00	30.17 1.49 0.00	29.14 1.49 0.00	30.03 1.56 0.00	35.88 2.13 0.00	40.72 2.84 0.00	36.54 2.33 0.00	33.21 1.88 0.00	29.92 1.56 0.00	27.99 1.43 0.00	26.47 1.31 0.00	25.35 1.16 0.00
DANSKAMMER___DIESEL 23592	22.99 0.95 0.00	21.07 0.83 0.00	20.50 0.77 0.00	20.43 0.73 0.00	21.02 0.69 0.00	23.29 0.70 0.00	27.86 1.02 0.00	29.31 1.29 0.00	30.52 1.43 0.00	30.68 1.43 0.00	31.06 1.42 0.00	31.56 1.47 0.00	30.96 1.47 0.00	30.17 1.49 0.00	29.17 1.52 0.00	30.08 1.62 0.00	35.87 2.13 0.00	40.69 2.80 0.00	36.50 2.29 0.00	33.21 1.88 0.00	29.89 1.53 0.00	27.97 1.41 0.00	26.32 1.16 0.00	25.25 1.06 0.00
DARBY___SOLAR 323810	22.83 0.79 0.00	20.92 0.69 0.00	20.40 0.67 0.00	20.35 0.65 0.00	20.90 0.57 0.00	23.24 0.66 0.00	27.69 0.86 0.00	29.08 1.06 0.00	30.20 1.11 0.00	30.39 1.14 0.00	30.91 1.27 0.00	31.41 1.32 0.00	30.72 1.24 0.00	29.89 1.20 0.00	28.81 1.16 0.00	29.74 1.28 0.00	35.50 1.75 0.00	40.12 2.23 0.00	35.99 1.78 0.00	32.78 1.44 0.00	29.58 1.22 0.00	27.70 1.14 0.00	26.14 0.98 0.00	25.01 0.82 0.00
DASHVILLE___HYD 23610	22.79 0.75 0.00	20.88 0.65 0.00	20.32 0.59 0.00	20.25 0.55 0.00	20.86 0.53 0.00	23.08 0.50 0.00	27.59 0.75 0.00	28.97 0.95 0.00	30.12 1.02 0.00	30.25 0.99 0.00	30.62 0.98 0.00	31.11 1.02 0.00	30.51 1.03 0.00	29.71 1.03 0.00	28.76 1.11 0.00	29.66 1.20 0.00	35.37 1.62 0.00	40.12 2.24 0.00	35.99 1.78 0.00	32.78 1.44 0.00	29.52 1.16 0.00	27.62 1.06 0.00	26.04 0.88 0.00	25.03 0.85 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	24.02 1.98 0.00	22.14 1.90 0.00	21.51 1.78 0.00	21.35 1.65 0.00	22.08 1.75 0.00	24.51 1.92 0.00	29.47 2.63 0.00	35.00 3.08 -3.90	35.79 3.29 -3.40	33.59 2.75 -1.59	36.71 2.70 -4.37	38.93 2.71 -6.14	37.83 2.71 -5.64	38.11 2.67 -6.76	35.73 2.74 -5.34	39.63 2.85 -8.32	48.21 3.95 -10.52	55.93 5.00 -13.05	55.84 4.28 -17.36	43.27 3.54 -8.39	40.87 2.89 -9.62	36.90 2.63 -7.72	30.73 2.37 -3.20	28.24 2.42 -1.64
DELAWARE___LFGE 323621	22.74 0.71 0.00	20.86 0.63 0.00	20.32 0.59 0.00	20.25 0.55 0.00	20.90 0.57 0.00	23.24 0.66 0.00	27.69 0.86 0.00	28.97 0.95 0.00	30.12 1.02 0.00	30.33 1.08 0.00	30.77 1.13 0.00	31.20 1.11 0.00	30.57 1.09 0.00	29.74 1.06 0.00	28.70 1.05 0.00	29.54 1.08 0.00	35.13 1.38 0.00	39.78 1.89 0.00	35.78 1.57 0.00	32.65 1.32 0.00	29.52 1.16 0.00	27.59 1.04 0.00	26.04 0.88 0.00	25.01 0.82 0.00
DERFIELD_115KV_TB7 355931	22.11 0.07 0.00	20.30 0.06 0.00	19.79 0.06 0.00	19.76 0.06 0.00	20.37 0.04 0.00	22.63 0.05 0.00	26.89 0.05 0.00	28.10 0.08 0.00	29.18 0.09 0.00	29.34 0.09 0.00	29.76 0.12 0.00	30.24 0.15 0.00	29.60 0.12 0.00	28.80 0.11 0.00	27.76 0.11 0.00	28.63 0.17 0.00	33.98 0.24 0.00	38.26 0.38 0.00	34.48 0.27 0.00	31.52 0.19 0.00	28.50 0.14 0.00	26.69 0.13 0.00	25.29 0.13 0.00	24.31 0.12 0.00
DOGLEVILLE___HYD 23807	22.21 0.18 0.00	20.38 0.14 0.00	19.91 0.18 0.00	19.85 0.16 0.00	20.52 0.18 0.00	22.81 0.23 0.00	27.16 0.32 0.00	28.44 0.42 0.00	29.53 0.44 0.00	29.72 0.47 0.00	30.11 0.47 0.00	30.51 0.42 0.00	29.84 0.36 0.00	28.97 0.29 0.00	27.90 0.25 0.00	28.75 0.28 0.00	34.16 0.41 0.00	38.49 0.60 0.00	34.72 0.51 0.00	31.74 0.41 0.00	28.70 0.34 0.00	26.96 0.40 0.00	25.56 0.40 0.00	24.60 0.41 0.00
DUNKIRK___115KV_TB_200 55889	22.68 0.64 0.00	20.86 0.63 0.00	20.34 0.61 0.00	20.25 0.55 0.00	20.96 0.63 0.00	23.29 0.70 0.00	27.53 0.70 0.00	27.71 -0.31 0.00	28.81 -0.29 0.00	28.96 -0.29 0.00	29.11 -0.53 0.00	29.31 -0.78 0.00	28.66 -0.83 0.00	27.76 -0.92 0.00	26.57 -1.08 0.00	27.32 -1.14 0.00	32.43 -1.32 0.00	36.78 -1.10 0.00	33.15 -1.06 0.00	30.61 -0.72 0.00	28.07 -0.28 0.00	25.97 -0.58 0.00	24.66 -0.50 0.00	23.94 -0.24 0.00
DUNKIRK___1 23563	22.68 0.64 0.00	20.86 0.63 0.00	20.34 0.61 0.00	20.25 0.55 0.00	20.96 0.63 0.00	23.29 0.70 0.00	27.53 0.70 0.00	27.71 -0.31 0.00	28.81 -0.29 0.00	28.96 -0.29 0.00	29.11 -0.53 0.00	29.31 -0.78 0.00	28.66 -0.83 0.00	27.76 -0.92 0.00	26.57 -1.08 0.00	27.32 -1.14 0.00	32.43 -1.32 0.00	36.78 -1.10 0.00	33.15 -1.06 0.00	30.61 -0.72 0.00	28.07 -0.28 0.00	25.97 -0.58 0.00	24.66 -0.50 0.00	23.94 -0.24 0.00
DUNKIRK___2 23564	22.68 0.64 0.00	20.86 0.63 0.00	20.34 0.61 0.00	20.25 0.55 0.00	20.96 0.63 0.00	23.29 0.70 0.00	27.53 0.70 0.00	27.71 -0.31 0.00	28.81 -0.29 0.00	28.96 -0.29 0.00	29.11 -0.53 0.00	29.31 -0.78 0.00	28.66 -0.83 0.00	27.76 -0.92 0.00	26.57 -1.08 0.00	27.32 -1.14 0.00	32.43 -1.32 0.00	36.78 -1.10 0.00	33.15 -1.06 0.00	30.61 -0.72 0.00	28.07 -0.28 0.00	25.97 -0.58 0.00	24.66 -0.50 0.00	23.94 -0.24 0.00
DUNKIRK___3 23565	22.57 0.53 0.00	20.76 0.53 0.00	20.24 0.51 0.00	20.15 0.45 0.00	20.86 0.53 0.00	23.20 0.61 0.00	27.40 0.56 0.00	27.60 -0.42 0.00	28.69 -0.41 0.00	28.84 -0.41 0.00	28.99 -0.65 0.00	29.18 -0.90 0.00	28.57 -0.91 0.00	27.71 -0.98 0.00	26.55 -1.11 0.00	27.27 -1.20 0.00	32.36 -1.38 0.00	36.67 -1.21 0.00	33.08 -1.13 0.00	30.52 -0.81 0.00	28.02 -0.34 0.00	25.92 -0.64 0.00	24.61 -0.55 0.00	23.90 -0.29 0.00
DUNKIRK___4 23566	22.59 0.55 0.00	20.78 0.55 0.00	20.26 0.53 0.00	20.19 0.49 0.00	20.88 0.55 0.00	23.22 0.63 0.00	27.45 0.62 0.00	27.60 -0.42 0.00	28.72 -0.38 0.00	28.84 -0.41 0.00	28.99 -0.65 0.00	29.18 -0.90 0.00	28.57 -0.91 0.00	27.71 -0.98 0.00	26.52 -1.13 0.00	27.24 -1.22 0.00	32.33 -1.42 0.00	36.63 -1.25 0.00	33.05 -1.16 0.00	30.49 -0.85 0.00	28.02 -0.34 0.00	25.92 -0.64 0.00	24.61 -0.55 0.00	23.87 -0.31 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	22.94 0.90 0.00	21.04 0.81 0.00	20.46 0.73 0.00	20.39 0.69 0.00	20.98 0.65 0.00	23.26 0.68 0.00	27.86 1.02 0.00	29.39 1.37 0.00	30.64 1.54 0.00	30.74 1.49 0.00	31.09 1.45 0.00	31.56 1.47 0.00	30.99 1.50 0.00	30.20 1.52 0.00	29.26 1.60 0.00	30.11 1.65 0.00	35.94 2.19 0.00	40.76 2.88 0.00	36.54 2.33 0.00	33.28 1.94 0.00	29.89 1.53 0.00	27.97 1.41 0.00	26.32 1.16 0.00	25.25 1.06 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	22.83 0.79 0.00	20.92 0.69 0.00	20.36 0.63 0.00	20.29 0.59 0.00	20.90 0.57 0.00	23.15 0.56 0.00	27.69 0.86 0.00	29.11 1.09 0.00	30.32 1.22 0.00	30.45 1.20 0.00	30.83 1.19 0.00	31.32 1.23 0.00	30.72 1.24 0.00	29.91 1.23 0.00	28.98 1.33 0.00	29.83 1.37 0.00	35.57 1.82 0.00	40.38 2.50 0.00	36.23 2.02 0.00	32.96 1.63 0.00	29.69 1.33 0.00	27.78 1.22 0.00	26.14 0.98 0.00	25.11 0.92 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	23.21 1.17 -0.01	21.29 1.05 -0.01	20.72 0.99 -0.01	20.63 0.93 -0.01	21.23 0.89 -0.01	23.35 0.77 0.00	27.94 1.10 0.00	29.25 1.23 0.00	30.52 1.43 0.00	30.63 1.37 0.00	30.92 1.27 0.00	31.38 1.29 0.00	30.84 1.36 0.00	30.06 1.38 0.00	29.17 1.52 0.00	29.94 1.48 0.00	35.77 2.02 0.00	40.57 2.69 0.00	36.40 2.19 0.00	33.15 1.82 0.00	29.69 1.33 0.00	27.81 1.25 0.00	26.27 1.11 0.00	25.37 1.19 0.00
E179THST_13_KV_LOAD 356214	23.30 1.26 -0.01	21.38 1.13 -0.01	20.80 1.07 -0.01	20.69 0.98 -0.01	21.30 0.96 -0.01	23.44 0.86 0.00	28.04 1.21 0.00	29.39 1.37 0.00	30.67 1.57 0.00	30.77 1.52 0.00	31.06 1.42 0.00	31.50 1.41 0.00	30.96 1.47 0.00	30.17 1.49 0.00	29.31 1.66 0.00	30.06 1.59 0.00	35.94 2.19 0.00	40.76 2.88 0.00	36.57 2.36 0.00	33.31 1.97 0.00	29.80 1.45 0.00	27.94 1.38 0.00	26.37 1.21 0.00	25.47 1.28 0.00
EAST HAMPTON___GT 23717	24.26 2.23 0.00	22.30 2.07 0.00	21.70 1.97 0.00	21.55 1.85 0.00	22.30 1.97 0.00	24.73 2.15 0.00	29.79 2.95 0.00	35.37 3.45 -3.90	36.19 3.70 -3.40	34.03 3.19 -1.59	37.07 3.05 -4.37	39.26 3.04 -6.14	38.16 3.04 -5.64	38.48 3.04 -6.76	36.07 3.07 -5.34	39.94 3.16 -8.32	48.72 4.45 -10.52	56.53 5.61 -13.05	56.42 4.86 -17.36	43.74 4.01 -8.39	41.32 3.34 -9.62	37.30 3.03 -7.72	31.23 2.87 -3.20	28.63 2.80 -1.64
EAST RIVER___6 23660	23.10 1.06 0.00	21.09 0.85 0.00	20.58 0.85 0.00	20.49 0.79 0.00	21.06 0.73 0.00	23.29 0.70 0.00	27.94 1.10 0.00	29.47 1.46 0.00	30.78 1.69 0.00	30.92 1.67 0.00	31.12 1.48 0.00	31.56 1.47 0.00	31.04 1.56 0.00	30.29 1.61 0.00	29.34 1.69 0.00	30.11 1.65 0.00	36.08 2.33 0.00	40.95 3.07 0.00	36.70 2.50 0.00	33.34 2.01 0.00	29.92 1.56 0.00	27.99 1.43 0.00	26.50 1.33 0.00	25.35 1.16 0.00
EAST RIVER___7 23524	23.10 1.06 0.00	21.09 0.85 0.00	20.58 0.85 0.00	20.49 0.79 0.00	21.06 0.73 0.00	23.29 0.70 0.00	27.94 1.10 0.00	29.47 1.46 0.00	30.78 1.69 0.00	30.92 1.67 0.00	31.12 1.48 0.00	31.56 1.47 0.00	31.04 1.56 0.00	30.29 1.61 0.00	29.34 1.69 0.00	30.11 1.65 0.00	36.08 2.33 0.00	40.95 3.07 0.00	36.70 2.50 0.00	33.34 2.01 0.00	29.92 1.56 0.00	27.99 1.43 0.00	26.50 1.33 0.00	25.35 1.16 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	22.92 0.88 0.00	21.02 0.79 0.00	20.44 0.71 0.00	20.37 0.67 0.00	20.96 0.63 0.00	23.22 0.63 0.00	27.83 0.99 0.00	29.33 1.32 0.00	30.58 1.48 0.00	30.65 1.40 0.00	31.03 1.39 0.00	31.50 1.41 0.00	30.93 1.44 0.00	30.14 1.46 0.00	29.20 1.55 0.00	30.06 1.59 0.00	35.87 2.13 0.00	40.69 2.80 0.00	36.47 2.26 0.00	33.18 1.85 0.00	29.83 1.47 0.00	27.91 1.35 0.00	26.27 1.11 0.00	25.23 1.04 0.00
EAST_HAMPTON___DIESEL 23722	24.26 2.23 0.00	22.30 2.07 0.00	21.70 1.97 0.00	21.57 1.87 0.00	22.30 1.97 0.00	24.73 2.15 0.00	29.81 2.98 0.00	35.37 3.45 -3.90	36.22 3.73 -3.40	34.06 3.22 -1.59	37.07 3.05 -4.37	39.30 3.07 -6.14	38.16 3.04 -5.64	38.48 3.04 -6.76	36.07 3.07 -5.34	39.97 3.19 -8.32	48.72 4.45 -10.52	56.57 5.65 -13.05	56.42 4.86 -17.36	43.74 4.01 -8.39	41.32 3.34 -9.62	37.30 3.03 -7.72	31.23 2.87 -3.20	28.63 2.80 -1.64
EAST_PULASKI___ESR 323781	21.80 -0.24 0.00	19.97 -0.26 0.00	19.47 -0.26 0.00	19.42 -0.28 0.00	20.07 -0.26 0.00	22.34 -0.25 0.00	26.51 -0.32 0.00	27.51 -0.50 0.00	28.54 -0.55 0.00	28.75 -0.50 0.00	29.14 -0.50 0.00	29.52 -0.57 0.00	28.89 -0.59 0.00	28.11 -0.57 0.00	27.10 -0.55 0.00	27.92 -0.54 0.00	33.14 -0.61 0.00	37.47 -0.42 0.00	33.76 -0.44 0.00	30.90 -0.44 0.00	28.05 -0.31 0.00	26.21 -0.35 0.00	24.84 -0.33 0.00	23.85 -0.34 0.00
EAST_RIVER___1 323558	23.05 1.01 0.00	21.07 0.83 0.00	20.56 0.83 0.00	20.46 0.77 0.00	21.06 0.73 0.00	23.31 0.72 0.00	27.96 1.13 0.00	29.47 1.46 0.00	30.78 1.69 0.00	30.92 1.67 0.00	31.12 1.48 0.00	31.56 1.47 0.00	31.04 1.56 0.00	30.29 1.61 0.00	29.34 1.69 0.00	30.11 1.65 0.00	36.08 2.33 0.00	40.91 3.03 0.00	36.70 2.50 0.00	33.34 2.01 0.00	29.94 1.59 0.00	28.05 1.49 0.00	26.55 1.38 0.00	25.40 1.21 0.00
EAST_RIVER___2 323559	23.10 1.06 0.00	21.09 0.85 0.00	20.58 0.85 0.00	20.49 0.79 0.00	21.06 0.73 0.00	23.29 0.70 0.00	27.94 1.10 0.00	29.47 1.46 0.00	30.78 1.69 0.00	30.92 1.67 0.00	31.12 1.48 0.00	31.56 1.47 0.00	31.04 1.56 0.00	30.29 1.61 0.00	29.34 1.69 0.00	30.11 1.65 0.00	36.08 2.33 0.00	40.95 3.07 0.00	36.70 2.50 0.00	33.34 2.01 0.00	29.92 1.56 0.00	27.99 1.43 0.00	26.50 1.33 0.00	25.35 1.16 0.00
EAST___DELAWARE_HYD 23607	22.96 0.93 0.00	20.98 0.75 0.00	20.46 0.73 0.00	20.39 0.69 0.00	21.00 0.67 0.00	23.26 0.68 0.00	27.88 1.05 0.00	29.25 1.23 0.00	30.46 1.37 0.00	30.57 1.32 0.00	30.86 1.22 0.00	31.32 1.23 0.00	30.72 1.24 0.00	29.94 1.26 0.00	28.95 1.30 0.00	29.88 1.42 0.00	35.74 1.99 0.00	40.65 2.76 0.00	36.50 2.29 0.00	33.21 1.88 0.00	29.92 1.56 0.00	27.97 1.41 0.00	26.42 1.26 0.00	25.32 1.14 0.00
EIGHT_POINT___WT_PWR 323820	22.88 0.84 0.00	21.19 0.95 0.00	20.50 0.77 0.00	20.40 0.71 0.00	21.09 0.75 0.00	23.38 0.79 0.00	27.59 0.75 0.00	28.19 0.17 0.00	29.10 0.00 0.00	29.19 -0.06 0.00	29.46 -0.18 0.00	29.76 -0.33 0.00	28.98 -0.50 0.00	27.99 -0.69 0.00	27.02 -0.63 0.00	27.95 -0.51 0.00	32.91 -0.84 0.00	37.43 -0.45 0.00	34.11 -0.10 0.00	31.24 -0.09 0.00	28.56 0.20 0.00	26.51 -0.05 0.00	25.09 -0.08 0.00	24.31 0.12 0.00
ELBRIDGE_115KV_TB2 80188	22.39 0.35 0.00	20.54 0.30 0.00	20.01 0.28 0.00	19.95 0.26 0.00	20.62 0.28 0.00	22.97 0.38 0.00	27.32 0.48 0.00	28.32 0.31 0.00	29.45 0.35 0.00	29.66 0.41 0.00	30.03 0.39 0.00	30.39 0.30 0.00	29.75 0.27 0.00	28.91 0.23 0.00	27.85 0.19 0.00	28.63 0.17 0.00	33.34 -0.40 0.00	37.66 -0.23 0.00	33.90 -0.31 0.00	31.05 -0.28 0.00	28.16 -0.20 0.00	26.32 -0.24 0.00	24.96 -0.20 0.00	24.02 -0.17 0.00
ELEC_TRO_TEK 24086	23.23 1.19 0.00	21.29 1.05 0.00	20.70 0.97 0.00	20.58 0.89 0.00	21.23 0.89 0.00	23.58 0.99 0.00	28.31 1.48 0.00	33.71 1.79 -3.90	34.48 1.98 -3.40	32.77 1.93 -1.59	35.94 1.93 -4.37	38.18 1.96 -6.14	37.10 1.98 -5.64	37.42 1.98 -6.76	35.01 2.02 -5.34	38.86 2.08 -8.32	47.00 2.73 -10.52	54.41 3.49 -13.05	54.44 2.87 -17.36	42.14 2.41 -8.39	39.96 1.99 -9.62	36.11 1.83 -7.72	29.93 1.56 -3.20	27.27 1.45 -1.64
ELLENBURG_WT_PWR 323604	21.18 -0.86 0.00	19.51 -0.73 0.00	19.18 -0.55 0.00	19.50 -0.20 0.00	20.31 -0.02 0.00	22.77 0.18 0.00	27.03 0.19 0.00	28.27 0.25 0.00	29.42 0.32 0.00	29.54 0.29 0.00	29.55 -0.09 0.00	30.24 0.15 0.00	29.75 0.26 0.00	28.94 0.26 0.00	27.68 0.03 0.00	27.86 -0.60 0.00	32.36 -1.39 0.00	35.76 -2.12 0.00	32.33 -1.88 0.00	-0.03 -1.63 29.73	26.97 -1.39 0.00	25.47 -1.09 0.00	24.33 -0.83 0.00	23.63 -0.56 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	22.22 0.18 0.00	20.44 0.20 0.00	19.95 0.22 0.00	19.87 0.18 0.00	20.58 0.24 0.00	22.88 0.29 0.00	27.00 0.16 0.00	27.12 -0.90 0.00	28.22 -0.87 0.00	28.37 -0.88 0.00	28.51 -1.13 0.00	28.73 -1.35 0.00	28.15 -1.33 0.00	27.33 -1.35 0.00	26.13 -1.52 0.00	26.84 -1.62 0.00	31.79 -1.96 0.00	35.99 -1.89 0.00	32.46 -1.74 0.00	29.99 -1.35 0.00	27.54 -0.82 0.00	25.52 -1.04 0.00	24.28 -0.88 0.00	23.58 -0.60 0.00
EMPIRE_CC_1 323656	22.24 0.20 0.00	20.40 0.16 0.00	19.93 0.20 0.00	19.85 0.16 0.00	20.44 0.10 0.00	22.65 0.07 0.00	26.89 0.05 0.00	28.33 0.31 0.00	29.42 0.32 0.00	29.51 0.26 0.00	30.03 0.38 0.00	30.45 0.36 0.00	29.86 0.38 0.00	29.08 0.40 0.00	28.01 0.36 0.00	28.95 0.48 0.00	34.53 0.78 0.00	39.06 1.18 0.00	34.96 0.75 0.00	31.83 0.50 0.00	28.73 0.37 0.00	27.09 0.53 0.00	25.64 0.48 0.00	24.52 0.34 0.00
EMPIRE_CC_2 323658	22.24 0.20 0.00	20.40 0.16 0.00	19.93 0.20 0.00	19.85 0.16 0.00	20.44 0.10 0.00	22.65 0.07 0.00	26.89 0.05 0.00	28.33 0.31 0.00	29.42 0.32 0.00	29.51 0.26 0.00	30.03 0.38 0.00	30.45 0.36 0.00	29.86 0.38 0.00	29.08 0.40 0.00	28.01 0.36 0.00	28.95 0.48 0.00	34.53 0.78 0.00	39.06 1.18 0.00	34.96 0.75 0.00	31.83 0.50 0.00	28.73 0.37 0.00	27.09 0.53 0.00	25.64 0.48 0.00	24.52 0.34 0.00
ENORWICH_115KV_TB1 80156	23.89 1.85 0.00	21.87 1.64 0.00	21.35 1.62 0.00	21.29 1.60 0.00	22.04 1.71 0.00	24.66 2.08 0.00	29.47 2.63 0.00	30.71 2.69 0.00	31.86 2.76 0.00	32.23 2.98 0.00	32.69 3.05 0.00	32.98 2.89 0.00	32.08 2.59 0.00	31.09 2.41 0.00	29.95 2.30 0.00	30.91 2.45 0.00	36.92 3.17 0.00	42.01 4.13 0.00	37.87 3.66 0.00	34.62 3.29 0.00	31.45 3.09 0.00	29.27 2.71 0.00	27.53 2.37 0.00	26.39 2.20 0.00
ERIE_ST__34_KV_TB1-2 80199	22.68 0.64 0.00	20.86 0.63 0.00	20.34 0.61 0.00	20.25 0.55 0.00	20.96 0.63 0.00	23.33 0.75 0.00	27.59 0.75 0.00	27.74 -0.28 0.00	28.86 -0.23 0.00	29.02 -0.23 0.00	29.17 -0.47 0.00	29.40 -0.69 0.00	28.80 -0.68 0.00	27.94 -0.75 0.00	26.74 -0.91 0.00	27.47 -1.00 0.00	32.60 -1.15 0.00	36.97 -0.91 0.00	33.32 -0.89 0.00	30.77 -0.56 0.00	28.24 -0.11 0.00	26.16 -0.40 0.00	24.84 -0.33 0.00	24.09 -0.10 0.00
ERIE_WT_PWR 323693	22.44 0.40 0.00	20.82 0.59 0.00	20.12 0.39 0.00	20.05 0.35 0.00	20.76 0.43 0.00	23.08 0.50 0.00	27.24 0.40 0.00	27.51 -0.50 0.00	28.52 -0.58 0.00	28.64 -0.62 0.00	28.99 -0.65 0.00	29.34 -0.75 0.00	28.63 -0.86 0.00	27.62 -1.06 0.00	26.57 -1.08 0.00	27.49 -0.97 0.00	32.16 -1.59 0.00	36.40 -1.48 0.00	33.25 -0.96 0.00	30.40 -0.94 0.00	27.85 -0.51 0.00	25.76 -0.80 0.00	24.51 -0.65 0.00	23.85 -0.34 0.00
ESPRGFLD_115KV_TB1 80157	23.10 1.06 0.00	21.17 0.93 0.00	20.62 0.89 0.00	20.54 0.85 0.00	21.25 0.91 0.00	23.69 1.11 0.00	28.23 1.40 0.00	29.47 1.46 0.00	30.61 1.51 0.00	30.89 1.64 0.00	31.27 1.63 0.00	31.83 1.75 0.00	31.13 1.65 0.00	30.26 1.58 0.00	29.20 1.55 0.00	30.03 1.57 0.00	35.84 2.09 0.00	40.61 2.73 0.00	36.57 2.36 0.00	33.37 2.04 0.00	30.17 1.81 0.00	28.21 1.65 0.00	26.52 1.36 0.00	25.42 1.23 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	22.68 0.64 0.00	20.80 0.57 0.00	20.26 0.53 0.00	20.21 0.51 0.00	20.88 0.55 0.00	23.26 0.68 0.00	27.69 0.86 0.00	28.80 0.78 0.00	29.88 0.79 0.00	30.10 0.85 0.00	30.44 0.80 0.00	30.78 0.69 0.00	30.10 0.62 0.00	29.25 0.57 0.00	28.18 0.53 0.00	29.06 0.60 0.00	34.52 0.78 0.00	39.13 1.25 0.00	35.24 1.03 0.00	32.27 0.94 0.00	29.27 0.91 0.00	27.30 0.74 0.00	25.79 0.63 0.00	24.82 0.63 0.00
ETNA____115KV_TB2 80207	22.68 0.64 0.00	20.80 0.57 0.00	20.26 0.53 0.00	20.21 0.51 0.00	20.88 0.55 0.00	23.26 0.68 0.00	27.69 0.86 0.00	28.80 0.78 0.00	29.88 0.79 0.00	30.10 0.85 0.00	30.44 0.80 0.00	30.78 0.69 0.00	30.10 0.62 0.00	29.25 0.57 0.00	28.18 0.53 0.00	29.06 0.60 0.00	34.52 0.78 0.00	39.13 1.25 0.00	35.24 1.03 0.00	32.27 0.94 0.00	29.27 0.91 0.00	27.30 0.74 0.00	25.79 0.63 0.00	24.82 0.63 0.00
EUCLID__115KV_TB2 356179	21.84 -0.20 0.00	20.05 -0.18 0.00	19.53 -0.20 0.00	19.48 -0.22 0.00	20.13 -0.20 0.00	22.38 -0.20 0.00	26.57 -0.27 0.00	27.57 -0.45 0.00	28.60 -0.49 0.00	28.78 -0.47 0.00	29.14 -0.50 0.00	29.52 -0.57 0.00	28.92 -0.56 0.00	28.14 -0.54 0.00	27.13 -0.53 0.00	27.89 -0.57 0.00	33.07 -0.67 0.00	37.31 -0.57 0.00	33.63 -0.58 0.00	30.77 -0.56 0.00	27.93 -0.43 0.00	26.13 -0.42 0.00	24.81 -0.35 0.00	23.85 -0.34 0.00
E_CANADA_CAP_HY 24051	23.10 1.06 0.00	21.21 0.97 0.00	20.64 0.91 0.00	20.58 0.89 0.00	21.25 0.92 0.00	23.72 1.13 0.00	28.18 1.34 0.00	29.50 1.48 0.00	30.61 1.51 0.00	30.86 1.61 0.00	31.27 1.63 0.00	31.92 1.84 0.00	31.22 1.74 0.00	30.31 1.63 0.00	29.28 1.63 0.00	30.08 1.62 0.00	36.01 2.26 0.00	40.80 2.92 0.00	36.74 2.53 0.00	33.43 2.10 0.00	30.23 1.87 0.00	28.34 1.78 0.00	26.65 1.48 0.00	25.49 1.31 0.00
E_CANADA_MHWK_HY 24050	22.21 0.18 0.00	20.38 0.14 0.00	19.91 0.18 0.00	19.85 0.16 0.00	20.52 0.18 0.00	22.81 0.23 0.00	27.16 0.32 0.00	28.44 0.42 0.00	29.53 0.44 0.00	29.72 0.47 0.00	30.11 0.47 0.00	30.51 0.42 0.00	29.84 0.36 0.00	28.97 0.29 0.00	27.90 0.25 0.00	28.75 0.28 0.00	34.16 0.41 0.00	38.49 0.60 0.00	34.72 0.51 0.00	31.74 0.41 0.00	28.70 0.34 0.00	26.96 0.40 0.00	25.56 0.40 0.00	24.60 0.41 0.00
E_FISHKILL__LBMP 23776	22.79 0.75 0.00	20.90 0.67 0.00	20.34 0.61 0.00	20.25 0.55 0.00	20.86 0.53 0.00	23.11 0.52 0.00	27.61 0.78 0.00	29.11 1.09 0.00	30.32 1.22 0.00	30.42 1.17 0.00	30.83 1.19 0.00	31.29 1.20 0.00	30.72 1.24 0.00	29.91 1.23 0.00	28.95 1.30 0.00	29.83 1.37 0.00	35.57 1.82 0.00	40.34 2.46 0.00	36.16 1.95 0.00	32.90 1.57 0.00	29.61 1.25 0.00	27.73 1.17 0.00	26.12 0.96 0.00	25.06 0.87 0.00
FALCON__SEABRD_CC1 323796	21.31 -0.73 0.00	19.63 -0.61 0.00	19.30 -0.43 0.00	19.62 -0.08 0.00	20.44 0.10 0.00	22.93 0.34 0.00	27.18 0.35 0.00	28.46 0.45 0.00	29.59 0.49 0.00	29.72 0.47 0.00	29.76 0.12 0.00	30.45 0.36 0.00	29.92 0.44 0.00	29.28 0.60 0.00	28.01 0.36 0.00	28.23 -0.23 0.00	32.77 -0.98 0.00	36.22 -1.67 0.00	32.70 -1.50 0.00	0.12 -1.22 30.00	27.34 -1.02 0.00	25.82 -0.74 0.00	24.63 -0.53 0.00	23.94 -0.24 0.00
FALCON__SEABRD_CC2 323797	21.31 -0.73 0.00	19.63 -0.61 0.00	19.30 -0.43 0.00	19.62 -0.08 0.00	20.44 0.10 0.00	22.93 0.34 0.00	27.18 0.35 0.00	28.46 0.45 0.00	29.59 0.49 0.00	29.72 0.47 0.00	29.76 0.12 0.00	30.45 0.36 0.00	29.92 0.44 0.00	29.28 0.60 0.00	28.01 0.36 0.00	28.23 -0.23 0.00	32.77 -0.98 0.00	36.22 -1.67 0.00	32.70 -1.50 0.00	0.12 -1.22 30.00	27.34 -1.02 0.00	25.82 -0.74 0.00	24.63 -0.53 0.00	23.94 -0.24 0.00

FAR ROCKAWAY___4 23548	23.49 1.45 0.00	21.51 1.27 0.00	20.89 1.16 0.00	20.78 1.08 0.00	21.45 1.12 0.00	23.85 1.26 0.00	28.63 1.80 0.00	34.11 2.19 -3.90	34.91 2.42 -3.40	33.21 2.37 -1.59	36.39 2.37 -4.37	38.63 2.41 -6.14	37.54 2.42 -5.64	37.85 2.41 -6.76	35.43 2.43 -5.34	39.29 2.50 -8.32	47.20 2.94 -10.52	54.72 3.79 -13.05	54.71 3.15 -17.36	42.67 2.95 -8.39	40.41 2.44 -9.62	36.51 2.23 -7.72	30.25 1.89 -3.20	27.56 1.74 -1.64
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	23.08 1.04 0.00	21.15 0.91 0.00	20.56 0.83 0.00	20.46 0.77 0.00	21.06 0.73 0.00	23.33 0.75 0.00	27.99 1.15 0.00	29.50 1.48 0.00	30.78 1.69 0.00	30.86 1.61 0.00	31.18 1.54 0.00	31.65 1.56 0.00	31.10 1.62 0.00	30.32 1.63 0.00	29.39 1.74 0.00	30.20 1.74 0.00	36.08 2.33 0.00	40.91 3.03 0.00	36.71 2.50 0.00	33.40 2.07 0.00	29.95 1.59 0.00	28.05 1.49 0.00	26.40 1.23 0.00	25.35 1.16 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	23.08 1.04 0.00	21.13 0.89 0.00	20.56 0.83 0.00	20.46 0.77 0.00	21.06 0.73 0.00	23.33 0.75 0.00	27.99 1.15 0.00	29.50 1.48 0.00	30.76 1.66 0.00	30.86 1.61 0.00	31.18 1.54 0.00	31.62 1.53 0.00	31.07 1.59 0.00	30.29 1.61 0.00	29.37 1.71 0.00	30.20 1.74 0.00	36.04 2.29 0.00	40.91 3.03 0.00	36.67 2.46 0.00	33.37 2.04 0.00	29.95 1.59 0.00	28.05 1.49 0.00	26.37 1.21 0.00	25.32 1.14 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	23.05 1.01 0.00	21.11 0.87 0.00	20.54 0.81 0.00	20.45 0.75 0.00	21.04 0.71 0.00	23.31 0.72 0.00	27.96 1.13 0.00	29.47 1.46 0.00	30.73 1.63 0.00	30.83 1.58 0.00	31.15 1.51 0.00	31.62 1.53 0.00	31.07 1.59 0.00	30.26 1.58 0.00	29.34 1.69 0.00	30.17 1.71 0.00	36.01 2.26 0.00	40.88 2.99 0.00	36.64 2.43 0.00	33.34 2.01 0.00	29.92 1.56 0.00	28.02 1.46 0.00	26.35 1.18 0.00	25.30 1.11 0.00
FARRAGUT___LBMP 323566	23.03 0.99 0.00	21.11 0.87 0.00	20.54 0.81 0.00	20.43 0.73 0.00	21.04 0.71 0.00	23.29 0.70 0.00	27.94 1.10 0.00	29.45 1.43 0.00	30.70 1.60 0.00	30.80 1.55 0.00	31.12 1.48 0.00	31.59 1.50 0.00	31.04 1.56 0.00	30.26 1.58 0.00	29.34 1.69 0.00	30.14 1.68 0.00	35.98 2.23 0.00	40.84 2.95 0.00	36.60 2.39 0.00	33.31 1.97 0.00	29.89 1.53 0.00	27.99 1.43 0.00	26.35 1.18 0.00	25.30 1.11 0.00
FENNER___WINDPWR 24204	22.55 0.51 0.00	20.68 0.44 0.00	20.16 0.43 0.00	20.11 0.41 0.00	20.78 0.45 0.00	23.15 0.56 0.00	27.51 0.67 0.00	28.69 0.67 0.00	29.77 0.67 0.00	29.98 0.73 0.00	30.38 0.74 0.00	30.81 0.72 0.00	30.13 0.65 0.00	29.31 0.63 0.00	28.26 0.61 0.00	29.14 0.68 0.00	34.56 0.81 0.00	39.02 1.14 0.00	35.23 1.03 0.00	32.15 0.81 0.00	29.15 0.79 0.00	27.22 0.66 0.00	25.72 0.55 0.00	24.74 0.56 0.00
FIBERTEK___ENERGY 23856	22.30 0.26 0.00	20.46 0.22 0.00	19.93 0.20 0.00	19.85 0.16 0.00	20.54 0.20 0.00	22.86 0.27 0.00	27.16 0.32 0.00	28.21 0.20 0.00	29.30 0.20 0.00	29.51 0.26 0.00	29.91 0.27 0.00	30.27 0.18 0.00	29.63 0.15 0.00	28.82 0.14 0.00	27.76 0.11 0.00	28.55 0.09 0.00	33.48 -0.27 0.00	37.84 -0.04 0.00	34.07 -0.14 0.00	31.21 -0.13 0.00	28.30 -0.06 0.00	26.48 -0.08 0.00	25.09 -0.08 0.00	24.14 -0.05 0.00
FITZPATRICK___ 23598	21.49 -0.55 0.00	19.75 -0.49 0.00	19.24 -0.49 0.00	19.18 -0.51 0.00	19.83 -0.51 0.00	22.02 -0.56 0.00	26.11 -0.72 0.00	27.06 -0.95 0.00	28.08 -1.02 0.00	28.23 -1.02 0.00	28.63 -1.01 0.00	29.03 -1.05 0.00	28.45 -1.03 0.00	27.65 -1.03 0.00	26.66 -0.99 0.00	27.47 -1.00 0.00	32.54 -1.21 0.00	36.67 -1.21 0.00	33.11 -1.10 0.00	30.27 -1.07 0.00	27.45 -0.91 0.00	25.66 -0.90 0.00	24.33 -0.83 0.00	23.44 -0.75 0.00
FLOWRFLD_69_KV_BK1 356044	23.58 1.54 0.00	21.65 1.42 0.00	21.03 1.30 0.00	20.92 1.22 0.00	21.61 1.28 0.00	24.01 1.42 0.00	28.88 2.04 0.00	34.33 2.41 -3.90	35.12 2.62 -3.40	33.24 2.40 -1.59	36.36 2.34 -4.37	38.57 2.35 -6.14	37.48 2.36 -5.64	37.77 2.32 -6.76	35.40 2.41 -5.34	39.29 2.50 -8.32	47.61 3.34 -10.52	55.21 4.28 -13.05	55.16 3.59 -17.36	42.70 2.98 -8.39	40.44 2.47 -9.62	36.53 2.26 -7.72	30.35 1.99 -3.20	27.76 1.93 -1.64
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	23.01 0.97 0.00	21.09 0.85 0.00	20.52 0.79 0.00	20.45 0.75 0.00	21.06 0.73 0.00	23.31 0.72 0.00	27.88 1.05 0.00	29.36 1.34 0.00	30.58 1.48 0.00	30.74 1.49 0.00	31.12 1.48 0.00	31.62 1.53 0.00	31.01 1.53 0.00	30.23 1.55 0.00	29.23 1.58 0.00	30.14 1.68 0.00	35.94 2.19 0.00	40.80 2.92 0.00	36.57 2.36 0.00	33.28 1.94 0.00	29.95 1.59 0.00	28.02 1.46 0.00	26.35 1.18 0.00	25.30 1.11 0.00
FORT ORANGE___ 23900	22.26 0.22 0.00	20.46 0.22 0.00	19.97 0.24 0.00	19.91 0.22 0.00	20.49 0.16 0.00	22.70 0.11 0.00	27.00 0.16 0.00	28.41 0.39 0.00	29.53 0.44 0.00	29.63 0.38 0.00	30.09 0.45 0.00	30.54 0.45 0.00	29.92 0.44 0.00	29.14 0.46 0.00	28.09 0.44 0.00	29.00 0.54 0.00	34.62 0.88 0.00	39.17 1.29 0.00	35.13 0.92 0.00	31.99 0.66 0.00	28.87 0.51 0.00	27.09 0.53 0.00	25.62 0.45 0.00	24.50 0.31 0.00
FORT_DRUM_COGEN 23780	21.86 -0.18 0.00	20.01 -0.22 0.00	19.55 -0.18 0.00	19.50 -0.20 0.00	20.17 -0.16 0.00	22.50 -0.09 0.00	26.76 -0.08 0.00	27.90 -0.11 0.00	28.84 -0.26 0.00	29.08 -0.18 0.00	29.37 -0.27 0.00	29.76 -0.33 0.00	29.07 -0.41 0.00	28.31 -0.37 0.00	27.27 -0.39 0.00	28.21 -0.26 0.00	33.51 -0.24 0.00	37.96 0.08 0.00	34.28 0.07 0.00	32.64 0.03 -1.27	28.44 0.09 0.00	26.51 -0.05 0.00	24.99 -0.18 0.00	23.94 -0.24 0.00
FOX_HILLS___ESR 323835	23.24 1.19 -0.01	21.30 1.05 -0.01	20.70 0.97 -0.01	20.63 0.93 -0.01	21.26 0.91 -0.01	23.42 0.84 0.00	27.91 1.07 0.00	29.17 1.15 0.00	30.46 1.37 0.00	30.60 1.35 0.00	30.83 1.19 0.00	31.29 1.20 0.00	30.75 1.27 0.00	29.97 1.29 0.00	29.12 1.47 0.00	29.86 1.39 0.00	35.77 2.02 0.00	40.65 2.77 0.00	36.47 2.26 0.00	33.18 1.85 0.00	29.61 1.25 0.00	27.75 1.20 0.00	26.29 1.13 0.00	25.59 1.40 0.00
FPL_FAR_ROCK_GT1 24212	23.49 1.45 0.00	21.45 1.21 0.00	20.89 1.16 0.00	20.78 1.08 0.00	21.45 1.12 0.00	23.83 1.24 0.00	28.66 1.83 0.00	34.11 2.19 -3.90	34.94 2.44 -3.40	33.27 2.43 -1.59	36.36 2.34 -4.37	38.60 2.38 -6.14	37.54 2.42 -5.64	37.85 2.41 -6.76	35.43 2.43 -5.34	39.26 2.47 -8.32	47.24 2.97 -10.52	54.72 3.79 -13.05	54.78 3.21 -17.36	42.67 2.94 -8.39	40.44 2.47 -9.62	36.53 2.26 -7.72	30.43 2.06 -3.20	27.66 1.84 -1.64
FPL_FAR_ROCK_GT2 23815	23.49 1.45 0.00	21.45 1.21 0.00	20.89 1.16 0.00	20.78 1.08 0.00	21.45 1.12 0.00	23.83 1.24 0.00	28.66 1.83 0.00	34.11 2.19 -3.90	34.94 2.44 -3.40	33.27 2.43 -1.59	36.36 2.34 -4.37	38.60 2.38 -6.14	37.54 2.42 -5.64	37.85 2.41 -6.76	35.43 2.43 -5.34	39.26 2.47 -8.32	47.24 2.97 -10.52	54.72 3.79 -13.05	54.78 3.21 -17.36	42.67 2.94 -8.39	40.44 2.47 -9.62	36.53 2.26 -7.72	30.43 2.06 -3.20	27.66 1.84 -1.64



FRANKLIN_FALL_HYD 24054	21.55 -0.48 0.00	19.83 -0.40 0.00	19.43 -0.30 0.00	19.70 0.00 0.00	20.48 0.14 0.00	22.88 0.29 0.00	27.10 0.27 0.00	28.38 0.36 0.00	29.56 0.47 0.00	29.72 0.47 0.00	29.88 0.24 0.00	30.54 0.45 0.00	30.01 0.53 0.00	29.14 0.46 0.00	27.90 0.25 0.00	28.26 -0.20 0.00	32.87 -0.88 0.00	36.37 -1.52 0.00	32.98 -1.23 0.00	50.86 -1.00 -20.53	27.54 -0.82 0.00	25.92 -0.64 0.00	24.68 -0.48 0.00	23.94 -0.24 0.00
FREEPORT_EQUS_GT1 23764	23.41 1.37 0.00	21.39 1.15 0.00	20.83 1.10 0.00	20.72 1.02 0.00	21.39 1.06 0.00	23.76 1.17 0.00	28.56 1.72 0.00	33.97 2.04 -3.90	34.77 2.27 -3.40	33.06 2.22 -1.59	36.15 2.14 -4.37	38.36 2.14 -6.14	37.27 2.15 -5.64	37.62 2.18 -6.76	35.21 2.21 -5.34	39.06 2.28 -8.32	47.34 3.07 -10.52	54.83 3.90 -13.05	54.88 3.32 -17.36	42.45 2.72 -8.39	40.24 2.27 -9.62	36.35 2.07 -7.72	30.30 1.94 -3.20	27.59 1.76 -1.64
FREEPORT___CT2 23818	23.41 1.37 0.00	21.39 1.15 0.00	20.83 1.10 0.00	20.72 1.02 0.00	21.39 1.06 0.00	23.76 1.17 0.00	28.56 1.72 0.00	33.97 2.04 -3.90	34.77 2.27 -3.40	33.06 2.22 -1.59	36.15 2.14 -4.37	38.36 2.14 -6.14	37.27 2.15 -5.64	37.62 2.18 -6.76	35.21 2.21 -5.34	39.06 2.28 -8.32	47.34 3.07 -10.52	54.83 3.90 -13.05	54.88 3.32 -17.36	42.45 2.72 -8.39	40.24 2.27 -9.62	36.35 2.07 -7.72	30.30 1.94 -3.20	27.59 1.76 -1.64
FRESHKLS_33_KV_LOAD 356253	23.11 1.06 -0.01	21.26 1.01 -0.01	20.68 0.95 -0.01	20.61 0.91 -0.01	21.24 0.89 -0.01	23.40 0.81 0.00	27.88 1.05 0.00	29.11 1.09 0.00	30.41 1.31 0.00	30.54 1.29 0.00	30.77 1.13 0.00	31.23 1.14 0.00	30.69 1.21 0.00	29.91 1.23 0.00	29.06 1.41 0.00	29.80 1.34 0.00	35.71 1.96 0.00	40.57 2.69 0.00	36.43 2.22 0.00	33.15 1.82 0.00	29.58 1.22 0.00	27.70 1.14 0.00	26.27 1.11 0.00	25.57 1.38 0.00
FULTON COGEN____ 23766	21.71 -0.33 0.00	19.91 -0.32 0.00	19.41 -0.32 0.00	19.34 -0.35 0.00	19.99 -0.35 0.00	22.22 -0.36 0.00	26.38 -0.46 0.00	27.40 -0.62 0.00	28.43 -0.67 0.00	28.64 -0.61 0.00	28.99 -0.65 0.00	29.40 -0.69 0.00	28.80 -0.68 0.00	28.02 -0.66 0.00	27.02 -0.64 0.00	27.81 -0.65 0.00	33.01 -0.74 0.00	37.28 -0.61 0.00	33.59 -0.62 0.00	30.74 -0.60 0.00	27.88 -0.48 0.00	26.05 -0.50 0.00	24.73 -0.43 0.00	23.78 -0.41 0.00
FULTON___LFGE 323630	24.09 2.05 0.00	22.08 1.84 0.00	21.49 1.76 0.00	21.39 1.69 0.00	22.06 1.73 0.00	24.71 2.12 0.00	29.41 2.58 0.00	30.76 2.75 0.00	31.89 2.79 0.00	32.20 2.95 0.00	32.63 2.99 0.00	33.28 3.19 0.00	32.55 3.07 0.00	31.55 2.87 0.00	30.53 2.88 0.00	31.59 3.13 0.00	37.86 4.12 0.00	42.92 5.04 0.00	38.55 4.35 0.00	35.09 3.76 0.00	31.76 3.40 0.00	29.69 3.13 0.00	27.83 2.67 0.00	26.56 2.37 0.00
G.F.CEMENT___DRP 24184	23.08 1.04 0.00	21.15 0.91 0.00	20.60 0.87 0.00	20.54 0.85 0.00	21.04 0.71 0.00	23.44 0.86 0.00	27.94 1.10 0.00	29.28 1.26 0.00	30.44 1.34 0.00	30.71 1.46 0.00	31.24 1.60 0.00	31.77 1.68 0.00	31.04 1.56 0.00	30.17 1.49 0.00	29.12 1.47 0.00	30.06 1.59 0.00	35.84 2.09 0.00	40.53 2.65 0.00	36.30 2.09 0.00	33.09 1.75 0.00	29.86 1.50 0.00	27.89 1.33 0.00	26.22 1.06 0.00	25.08 0.89 0.00
GARDENVILLE___LBMP 24039	22.33 0.29 0.00	20.54 0.30 0.00	20.05 0.32 0.00	19.95 0.26 0.00	20.66 0.33 0.00	22.97 0.38 0.00	27.13 0.30 0.00	27.26 -0.76 0.00	28.37 -0.73 0.00	28.52 -0.73 0.00	28.66 -0.98 0.00	28.85 -1.23 0.00	28.30 -1.18 0.00	27.45 -1.23 0.00	26.27 -1.38 0.00	26.98 -1.48 0.00	31.99 -1.75 0.00	36.22 -1.67 0.00	32.67 -1.54 0.00	30.18 -1.16 0.00	27.71 -0.65 0.00	25.66 -0.90 0.00	24.41 -0.75 0.00	23.68 -0.51 0.00
GARDNVLA_35_KV_LD 355827	22.46 0.42 0.00	20.66 0.42 0.00	20.16 0.43 0.00	20.07 0.37 0.00	20.78 0.45 0.00	23.11 0.52 0.00	27.29 0.46 0.00	27.43 -0.59 0.00	28.54 -0.55 0.00	28.70 -0.56 0.00	28.84 -0.80 0.00	29.03 -1.05 0.00	28.48 -1.00 0.00	27.62 -1.06 0.00	26.44 -1.22 0.00	27.12 -1.34 0.00	32.20 -1.55 0.00	36.44 -1.44 0.00	32.87 -1.33 0.00	30.36 -0.97 0.00	27.88 -0.48 0.00	25.82 -0.74 0.00	24.56 -0.60 0.00	23.82 -0.36 0.00
GELCKHM___115KV_LOAD 80723	22.02 -0.02 0.00	20.19 -0.04 0.00	19.67 -0.06 0.00	19.62 -0.08 0.00	20.27 -0.06 0.00	22.56 -0.02 0.00	26.78 -0.05 0.00	27.79 -0.22 0.00	28.86 -0.23 0.00	29.08 -0.18 0.00	29.43 -0.21 0.00	29.82 -0.27 0.00	29.19 -0.29 0.00	28.39 -0.29 0.00	27.38 -0.28 0.00	28.15 -0.31 0.00	33.24 -0.51 0.00	37.50 -0.38 0.00	33.80 -0.41 0.00	30.93 -0.41 0.00	28.07 -0.28 0.00	26.24 -0.32 0.00	24.91 -0.25 0.00	23.94 -0.24 0.00
GENERAL___MILLS 23808	22.41 0.37 0.00	20.62 0.38 0.00	20.12 0.39 0.00	20.03 0.33 0.00	20.74 0.41 0.00	23.06 0.47 0.00	27.24 0.40 0.00	27.37 -0.64 0.00	28.49 -0.61 0.00	28.64 -0.61 0.00	28.78 -0.86 0.00	28.97 -1.11 0.00	28.42 -1.06 0.00	27.56 -1.12 0.00	26.38 -1.27 0.00	27.07 -1.39 0.00	32.09 -1.65 0.00	36.37 -1.52 0.00	32.81 -1.40 0.00	30.30 -1.03 0.00	27.82 -0.54 0.00	25.76 -0.80 0.00	24.51 -0.65 0.00	23.78 -0.41 0.00
GE_PLASTICS___DRP 24183	22.26 0.22 0.00	20.46 0.22 0.00	19.95 0.22 0.00	19.89 0.20 0.00	20.50 0.16 0.00	22.70 0.11 0.00	27.00 0.16 0.00	28.38 0.36 0.00	29.48 0.38 0.00	29.60 0.35 0.00	30.09 0.44 0.00	30.57 0.48 0.00	29.92 0.44 0.00	29.14 0.46 0.00	28.12 0.47 0.00	29.03 0.57 0.00	34.52 0.78 0.00	39.02 1.14 0.00	35.00 0.79 0.00	31.93 0.60 0.00	28.81 0.45 0.00	26.98 0.42 0.00	25.51 0.35 0.00	24.48 0.29 0.00
GILBOA___1 23756	22.44 0.40 0.00	20.58 0.34 0.00	20.06 0.34 0.00	19.99 0.30 0.00	20.62 0.28 0.00	22.88 0.29 0.00	27.24 0.40 0.00	28.58 0.56 0.00	29.71 0.61 0.00	29.87 0.62 0.00	30.26 0.62 0.00	30.69 0.60 0.00	30.10 0.62 0.00	29.31 0.63 0.00	28.29 0.64 0.00	29.14 0.68 0.00	34.73 0.98 0.00	39.24 1.36 0.00	35.27 1.06 0.00	32.15 0.81 0.00	29.04 0.68 0.00	27.20 0.64 0.00	25.74 0.58 0.00	24.67 0.48 0.00
GILBOA___2 23757	22.44 0.40 0.00	20.58 0.34 0.00	20.06 0.34 0.00	19.99 0.30 0.00	20.62 0.28 0.00	22.88 0.29 0.00	27.24 0.40 0.00	28.58 0.56 0.00	29.71 0.61 0.00	29.87 0.62 0.00	30.26 0.62 0.00	30.69 0.60 0.00	30.10 0.62 0.00	29.31 0.63 0.00	28.29 0.64 0.00	29.14 0.68 0.00	34.73 0.98 0.00	39.24 1.36 0.00	35.27 1.06 0.00	32.15 0.81 0.00	29.04 0.68 0.00	27.20 0.64 0.00	25.74 0.58 0.00	24.67 0.48 0.00
GILBOA___3 23758	22.44 0.40 0.00	20.58 0.34 0.00	20.06 0.34 0.00	19.99 0.30 0.00	20.62 0.28 0.00	22.88 0.29 0.00	27.24 0.40 0.00	28.58 0.56 0.00	29.71 0.61 0.00	29.87 0.62 0.00	30.26 0.62 0.00	30.69 0.60 0.00	30.10 0.62 0.00	29.31 0.63 0.00	28.29 0.64 0.00	29.14 0.68 0.00	34.73 0.98 0.00	39.24 1.36 0.00	35.27 1.06 0.00	32.15 0.81 0.00	29.04 0.68 0.00	27.20 0.64 0.00	25.74 0.58 0.00	24.67 0.48 0.00

GILBOA____4 23759	22.44 0.40 0.00	20.58 0.34 0.00	20.06 0.34 0.00	19.99 0.30 0.00	20.62 0.28 0.00	22.88 0.29 0.00	27.24 0.40 0.00	28.58 0.56 0.00	29.71 0.61 0.00	29.87 0.62 0.00	30.26 0.62 0.00	30.69 0.60 0.00	30.10 0.62 0.00	29.31 0.63 0.00	28.29 0.64 0.00	29.14 0.68 0.00	34.73 0.98 0.00	39.24 1.36 0.00	35.27 1.06 0.00	32.15 0.81 0.00	29.04 0.68 0.00	27.20 0.64 0.00	25.74 0.58 0.00	24.67 0.48 0.00
GILBOA____ 23599	22.44 0.40 0.00	20.60 0.36 0.00	20.07 0.34 0.00	19.99 0.30 0.00	20.62 0.28 0.00	22.88 0.29 0.00	27.24 0.40 0.00	28.58 0.56 0.00	29.71 0.61 0.00	29.84 0.59 0.00	30.26 0.62 0.00	30.72 0.63 0.00	30.10 0.62 0.00	29.31 0.63 0.00	28.29 0.64 0.00	29.17 0.71 0.00	34.73 0.98 0.00	39.25 1.36 0.00	35.24 1.03 0.00	32.15 0.81 0.00	29.04 0.68 0.00	27.17 0.61 0.00	25.67 0.50 0.00	24.65 0.46 0.00
GINNA____ 23603	20.98 -1.06 0.00	19.33 -0.91 0.00	18.74 -0.99 0.00	18.69 -1.00 0.00	19.36 -0.98 0.00	21.57 -1.02 0.00	25.63 -1.21 0.00	26.39 -1.63 0.00	27.41 -1.69 0.00	27.64 -1.61 0.00	28.04 -1.60 0.00	28.40 -1.68 0.00	27.77 -1.71 0.00	26.90 -1.78 0.00	25.91 -1.74 0.00	26.76 -1.71 0.00	31.49 -2.26 0.00	35.57 -2.31 0.00	32.33 -1.88 0.00	29.52 -1.82 0.00	26.83 -1.53 0.00	24.89 -1.67 0.00	23.58 -1.58 0.00	22.76 -1.43 0.00
GLEN PARK____ 23778	21.95 -0.09 0.00	20.09 -0.14 0.00	19.61 -0.12 0.00	19.56 -0.14 0.00	20.25 -0.08 0.00	22.59 0.00 0.00	26.86 0.03 0.00	28.02 0.00 0.00	28.92 -0.17 0.00	29.16 -0.09 0.00	29.52 -0.12 0.00	29.91 -0.18 0.00	29.19 -0.29 0.00	28.42 -0.26 0.00	27.40 -0.25 0.00	28.38 -0.09 0.00	33.71 -0.03 0.00	38.22 0.34 0.00	34.55 0.34 0.00	32.79 0.25 -1.20	28.61 0.25 0.00	26.67 0.11 0.00	25.06 -0.10 0.00	24.04 -0.14 0.00
GLENDALE_27_KV_LOAD 356172	23.26 1.21 -0.01	21.29 1.05 -0.01	20.72 0.99 -0.01	20.63 0.93 -0.01	21.23 0.89 -0.01	23.47 0.88 0.00	28.12 1.29 0.00	29.53 1.51 0.00	30.84 1.75 0.00	30.92 1.67 0.00	31.21 1.57 0.00	31.68 1.59 0.00	31.13 1.65 0.00	30.34 1.66 0.00	29.45 1.80 0.00	30.23 1.76 0.00	36.11 2.36 0.00	40.99 3.11 0.00	36.77 2.57 0.00	33.47 2.13 0.00	29.97 1.62 0.00	28.07 1.51 0.00	26.45 1.28 0.00	25.47 1.28 0.00
GLENWOOD_IC_1_G5 23712	23.32 1.28 0.00	21.37 1.13 0.00	20.78 1.05 0.00	20.66 0.97 0.00	21.31 0.98 0.00	23.69 1.11 0.00	28.45 1.61 0.00	33.88 1.96 -3.90	34.68 2.18 -3.40	33.00 2.16 -1.59	36.15 2.13 -4.37	38.39 2.17 -6.14	37.30 2.18 -5.64	37.62 2.18 -6.76	35.21 2.21 -5.34	39.06 2.28 -8.32	47.24 2.97 -10.52	54.56 3.64 -13.05	54.58 3.01 -17.36	42.36 2.63 -8.39	40.13 2.16 -9.62	36.27 1.99 -7.72	30.08 1.71 -3.20	27.42 1.60 -1.64
GLENWOOD_IC_2_G1 23688	23.27 1.23 0.00	21.27 1.03 0.00	20.72 0.99 0.00	20.62 0.93 0.00	21.27 0.94 0.00	23.60 1.02 0.00	28.39 1.56 0.00	33.80 1.88 -3.90	34.59 2.10 -3.40	32.95 2.11 -1.59	36.00 1.99 -4.37	38.24 2.02 -6.14	37.15 2.03 -5.64	37.51 2.07 -6.76	35.10 2.10 -5.34	38.92 2.14 -8.32	47.10 2.84 -10.52	54.53 3.60 -13.05	54.58 3.01 -17.36	42.26 2.54 -8.39	40.07 2.10 -9.62	36.21 1.94 -7.72	30.15 1.79 -3.20	27.42 1.60 -1.64
GLENWOOD_IC_3_G1 23689	23.27 1.23 0.00	21.27 1.03 0.00	20.72 0.99 0.00	20.62 0.93 0.00	21.27 0.94 0.00	23.60 1.02 0.00	28.39 1.56 0.00	33.80 1.88 -3.90	34.59 2.10 -3.40	32.95 2.11 -1.59	36.00 1.99 -4.37	38.24 2.02 -6.14	37.15 2.03 -5.64	37.51 2.07 -6.76	35.10 2.10 -5.34	38.92 2.14 -8.32	47.10 2.84 -10.52	54.53 3.60 -13.05	54.58 3.01 -17.36	42.26 2.54 -8.39	40.07 2.10 -9.62	36.21 1.94 -7.72	30.15 1.79 -3.20	27.42 1.60 -1.64
GLENWOOD____4 23550	23.32 1.28 0.00	21.37 1.13 0.00	20.78 1.05 0.00	20.66 0.97 0.00	21.31 0.98 0.00	23.69 1.11 0.00	28.45 1.61 0.00	33.88 1.96 -3.90	34.68 2.18 -3.40	33.00 2.16 -1.59	36.15 2.13 -4.37	38.39 2.17 -6.14	37.30 2.18 -5.64	37.62 2.18 -6.76	35.21 2.21 -5.34	39.06 2.28 -8.32	47.24 2.97 -10.52	54.60 3.67 -13.05	54.61 3.04 -17.36	42.36 2.63 -8.39	40.13 2.16 -9.62	36.27 1.99 -7.72	30.08 1.71 -3.20	27.42 1.60 -1.64
GLENWOOD____5 23614	23.32 1.28 0.00	21.37 1.13 0.00	20.78 1.05 0.00	20.66 0.97 0.00	21.31 0.98 0.00	23.69 1.11 0.00	28.45 1.61 0.00	33.88 1.96 -3.90	34.68 2.18 -3.40	33.00 2.16 -1.59	36.15 2.13 -4.37	38.39 2.17 -6.14	37.30 2.18 -5.64	37.62 2.18 -6.76	35.21 2.21 -5.34	39.06 2.28 -8.32	47.24 2.97 -10.52	54.60 3.67 -13.05	54.61 3.04 -17.36	42.36 2.63 -8.39	40.13 2.16 -9.62	36.27 1.99 -7.72	30.08 1.71 -3.20	27.42 1.60 -1.64
GLOBAL GREEN_PORT_GT1 23814	24.24 2.20 0.00	22.26 2.02 0.00	21.68 1.95 0.00	21.53 1.83 0.00	22.29 1.95 0.00	24.71 2.12 0.00	29.76 2.93 0.00	35.34 3.42 -3.90	36.16 3.67 -3.40	34.00 3.16 -1.59	37.04 3.02 -4.37	39.23 3.01 -6.14	38.13 3.01 -5.64	38.46 3.01 -6.76	36.04 3.04 -5.34	39.91 3.13 -8.32	48.69 4.42 -10.52	56.50 5.57 -13.05	56.39 4.82 -17.36	43.70 3.98 -8.39	41.29 3.32 -9.62	37.27 3.00 -7.72	31.21 2.84 -3.20	28.60 2.78 -1.64
GLOBE____DSASP 323697	21.47 -0.57 0.00	19.71 -0.53 0.00	19.26 -0.47 0.00	19.24 -0.45 0.00	19.91 -0.43 0.00	22.11 -0.47 0.00	25.98 -0.86 0.00	26.03 -1.99 0.00	27.09 -2.01 0.00	27.26 -1.99 0.00	27.39 -2.25 0.00	27.56 -2.53 0.00	27.06 -2.42 0.00	26.27 -2.41 0.00	25.08 -2.57 0.00	25.79 -2.68 0.00	30.47 -3.27 0.00	34.44 -3.45 0.00	31.06 -3.15 0.00	28.73 -2.60 0.00	26.40 -1.96 0.00	24.46 -2.10 0.00	23.35 -1.81 0.00	22.71 -1.48 0.00
GOETHSLN____LBMP 323567	22.94 0.90 0.00	21.00 0.77 0.00	20.44 0.71 0.00	20.35 0.65 0.00	20.94 0.61 0.00	23.17 0.59 0.00	27.83 0.99 0.00	29.33 1.32 0.00	30.61 1.51 0.00	30.68 1.43 0.00	31.00 1.36 0.00	31.47 1.38 0.00	30.93 1.44 0.00	30.14 1.46 0.00	29.23 1.58 0.00	30.06 1.59 0.00	35.87 2.13 0.00	40.69 2.80 0.00	36.50 2.29 0.00	33.18 1.85 0.00	29.80 1.45 0.00	27.91 1.35 0.00	26.24 1.08 0.00	25.20 1.02 0.00
GOLAH____69_KV_TB 1_2 80279	22.17 0.13 0.00	20.34 0.10 0.00	19.87 0.14 0.00	19.80 0.10 0.00	20.54 0.20 0.00	22.79 0.20 0.00	27.00 0.16 0.00	27.51 -0.50 0.00	28.63 -0.47 0.00	28.81 -0.44 0.00	28.96 -0.68 0.00	29.21 -0.87 0.00	28.69 -0.80 0.00	27.76 -0.92 0.00	26.68 -0.97 0.00	27.41 -1.05 0.00	32.47 -1.28 0.00	36.82 -1.06 0.00	33.25 -0.96 0.00	30.55 -0.78 0.00	27.82 -0.54 0.00	25.82 -0.74 0.00	24.61 -0.55 0.00	23.75 -0.44 0.00
GOODYEAR_LAKE_HYD 323669	22.96 0.93 0.00	21.04 0.81 0.00	20.50 0.77 0.00	20.43 0.73 0.00	21.11 0.77 0.00	23.49 0.90 0.00	28.02 1.18 0.00	29.28 1.26 0.00	30.44 1.34 0.00	30.68 1.43 0.00	31.12 1.48 0.00	31.59 1.50 0.00	30.93 1.44 0.00	30.09 1.41 0.00	29.04 1.38 0.00	29.86 1.39 0.00	35.57 1.82 0.00	40.27 2.39 0.00	36.23 2.02 0.00	33.09 1.75 0.00	29.89 1.53 0.00	27.94 1.38 0.00	26.32 1.16 0.00	25.25 1.06 0.00

GOUDEY___1 345031	22.46 0.42 0.00	20.62 0.38 0.00	20.08 0.36 0.00	20.01 0.32 0.00	20.68 0.35 0.00	22.99 0.41 0.00	27.29 0.46 0.00	28.30 0.28 0.00	29.39 0.29 0.00	29.57 0.32 0.00	29.88 0.24 0.00	30.27 0.18 0.00	29.63 0.15 0.00	28.80 0.11 0.00	27.76 0.11 0.00	28.58 0.11 0.00	33.98 0.24 0.00	38.45 0.57 0.00	34.62 0.41 0.00	31.71 0.38 0.00	28.78 0.43 0.00	26.88 0.32 0.00	25.41 0.25 0.00	24.48 0.29 0.00
GOUDEY___7 23579	22.48 0.44 0.00	20.64 0.40 0.00	20.08 0.36 0.00	20.03 0.33 0.00	20.70 0.37 0.00	23.02 0.43 0.00	27.32 0.48 0.00	28.32 0.31 0.00	29.42 0.32 0.00	29.60 0.35 0.00	29.94 0.30 0.00	30.30 0.21 0.00	29.66 0.18 0.00	28.85 0.17 0.00	27.79 0.14 0.00	28.60 0.14 0.00	34.02 0.27 0.00	38.49 0.61 0.00	34.69 0.48 0.00	31.74 0.41 0.00	28.84 0.48 0.00	26.90 0.35 0.00	25.44 0.28 0.00	24.50 0.31 0.00
GOUDEY___8 23580	22.46 0.42 0.00	20.62 0.38 0.00	20.08 0.36 0.00	20.01 0.32 0.00	20.68 0.35 0.00	22.99 0.41 0.00	27.29 0.46 0.00	28.30 0.28 0.00	29.39 0.29 0.00	29.57 0.32 0.00	29.88 0.24 0.00	30.27 0.18 0.00	29.63 0.15 0.00	28.80 0.11 0.00	27.76 0.11 0.00	28.58 0.11 0.00	33.98 0.24 0.00	38.45 0.57 0.00	34.62 0.41 0.00	31.71 0.38 0.00	28.78 0.43 0.00	26.88 0.32 0.00	25.41 0.25 0.00	24.48 0.29 0.00
GOWANUS_GT1_1 24077	23.28 1.23 -0.01	21.30 1.05 -0.01	20.72 0.99 -0.01	20.63 0.93 -0.01	21.26 0.91 -0.01	23.44 0.86 0.00	28.02 1.18 0.00	29.36 1.34 0.00	30.64 1.54 0.00	30.77 1.52 0.00	31.03 1.39 0.00	31.47 1.38 0.00	30.96 1.47 0.00	30.17 1.49 0.00	29.31 1.66 0.00	30.03 1.57 0.00	35.98 2.23 0.00	40.84 2.95 0.00	36.67 2.46 0.00	33.37 2.04 0.00	29.80 1.45 0.00	27.91 1.35 0.00	26.37 1.21 0.00	25.54 1.35 0.00
GOWANUS_GT1_2 24078	23.28 1.23 -0.01	21.30 1.05 -0.01	20.72 0.99 -0.01	20.63 0.93 -0.01	21.26 0.91 -0.01	23.44 0.86 0.00	28.02 1.18 0.00	29.36 1.34 0.00	30.64 1.54 0.00	30.77 1.52 0.00	31.03 1.39 0.00	31.47 1.38 0.00	30.96 1.47 0.00	30.17 1.49 0.00	29.31 1.66 0.00	30.03 1.57 0.00	35.98 2.23 0.00	40.84 2.95 0.00	36.67 2.46 0.00	33.37 2.04 0.00	29.80 1.45 0.00	27.91 1.35 0.00	26.37 1.21 0.00	25.54 1.35 0.00
GOWANUS_GT1_3 24079	23.28 1.23 -0.01	21.30 1.05 -0.01	20.72 0.99 -0.01	20.63 0.93 -0.01	21.26 0.91 -0.01	23.44 0.86 0.00	28.02 1.18 0.00	29.36 1.34 0.00	30.64 1.54 0.00	30.77 1.52 0.00	31.03 1.39 0.00	31.47 1.38 0.00	30.96 1.47 0.00	30.17 1.49 0.00	29.31 1.66 0.00	30.03 1.57 0.00	35.98 2.23 0.00	40.84 2.95 0.00	36.67 2.46 0.00	33.37 2.04 0.00	29.80 1.45 0.00	27.91 1.35 0.00	26.37 1.21 0.00	25.54 1.35 0.00
GOWANUS_GT1_4 24080	23.28 1.23 -0.01	21.30 1.05 -0.01	20.72 0.99 -0.01	20.63 0.93 -0.01	21.26 0.91 -0.01	23.44 0.86 0.00	28.02 1.18 0.00	29.36 1.34 0.00	30.64 1.54 0.00	30.77 1.52 0.00	31.03 1.39 0.00	31.47 1.38 0.00	30.96 1.47 0.00	30.17 1.49 0.00	29.31 1.66 0.00	30.03 1.57 0.00	35.98 2.23 0.00	40.84 2.95 0.00	36.67 2.46 0.00	33.37 2.04 0.00	29.80 1.45 0.00	27.91 1.35 0.00	26.37 1.21 0.00	25.54 1.35 0.00
GOWANUS_GT1_5 24084	23.28 1.23 -0.01	21.30 1.05 -0.01	20.72 0.99 -0.01	20.63 0.93 -0.01	21.26 0.91 -0.01	23.44 0.86 0.00	28.02 1.18 0.00	29.36 1.34 0.00	30.64 1.54 0.00	30.77 1.52 0.00	31.03 1.39 0.00	31.47 1.38 0.00	30.96 1.47 0.00	30.17 1.49 0.00	29.31 1.66 0.00	30.03 1.57 0.00	35.98 2.23 0.00	40.84 2.95 0.00	36.67 2.46 0.00	33.37 2.04 0.00	29.80 1.45 0.00	27.91 1.35 0.00	26.37 1.21 0.00	25.54 1.35 0.00
GOWANUS_GT1_6 24111	23.28 1.23 -0.01	21.30 1.05 -0.01	20.72 0.99 -0.01	20.63 0.93 -0.01	21.26 0.91 -0.01	23.44 0.86 0.00	28.02 1.18 0.00	29.36 1.34 0.00	30.64 1.54 0.00	30.77 1.52 0.00	31.03 1.39 0.00	31.47 1.38 0.00	30.96 1.47 0.00	30.17 1.49 0.00	29.31 1.66 0.00	30.03 1.57 0.00	35.98 2.23 0.00	40.84 2.95 0.00	36.67 2.46 0.00	33.37 2.04 0.00	29.80 1.45 0.00	27.91 1.35 0.00	26.37 1.21 0.00	25.54 1.35 0.00
GOWANUS_GT1_7 24112	23.28 1.23 -0.01	21.30 1.05 -0.01	20.72 0.99 -0.01	20.63 0.93 -0.01	21.26 0.91 -0.01	23.44 0.86 0.00	28.02 1.18 0.00	29.36 1.34 0.00	30.64 1.54 0.00	30.77 1.52 0.00	31.03 1.39 0.00	31.47 1.38 0.00	30.96 1.47 0.00	30.17 1.49 0.00	29.31 1.66 0.00	30.03 1.57 0.00	35.98 2.23 0.00	40.84 2.95 0.00	36.67 2.46 0.00	33.37 2.04 0.00	29.80 1.45 0.00	27.91 1.35 0.00	26.37 1.21 0.00	25.54 1.35 0.00
GOWANUS_GT1_8 24113	23.28 1.23 -0.01	21.30 1.05 -0.01	20.72 0.99 -0.01	20.63 0.93 -0.01	21.26 0.91 -0.01	23.44 0.86 0.00	28.02 1.18 0.00	29.36 1.34 0.00	30.64 1.54 0.00	30.77 1.52 0.00	31.03 1.39 0.00	31.47 1.38 0.00	30.96 1.47 0.00	30.17 1.49 0.00	29.31 1.66 0.00	30.03 1.57 0.00	35.98 2.23 0.00	40.84 2.95 0.00	36.67 2.46 0.00	33.37 2.04 0.00	29.80 1.45 0.00	27.91 1.35 0.00	26.37 1.21 0.00	25.54 1.35 0.00
GOWANUS_GT2_1 24114	23.28 1.23 -0.01	21.38 1.13 -0.01	20.76 1.03 -0.01	20.71 1.00 -0.01	21.34 1.00 -0.01	23.49 0.90 0.00	27.99 1.15 0.00	29.19 1.18 0.01	30.52 1.43 0.01	30.71 1.46 0.01	30.82 1.19 0.01	31.25 1.17 0.01	30.74 1.27 0.01	30.02 1.35 0.01	29.14 1.49 0.01	29.82 1.37 0.01	35.84 2.09 0.01	40.75 2.88 0.01	36.60 2.39 0.01	33.24 1.91 0.01	29.71 1.36 0.01	27.80 1.25 0.01	26.55 1.38 0.00	25.81 1.62 0.00
GOWANUS_GT2_2 24115	23.28 1.23 -0.01	21.38 1.13 -0.01	20.76 1.03 -0.01	20.71 1.00 -0.01	21.34 1.00 -0.01	23.49 0.90 0.00	27.99 1.15 0.00	29.19 1.18 0.01	30.52 1.43 0.01	30.71 1.46 0.01	30.82 1.19 0.01	31.25 1.17 0.01	30.74 1.27 0.01	30.02 1.35 0.01	29.14 1.49 0.01	29.82 1.37 0.01	35.84 2.09 0.01	40.75 2.88 0.01	36.60 2.39 0.01	33.24 1.91 0.01	29.71 1.36 0.01	27.80 1.25 0.01	26.55 1.38 0.00	25.81 1.62 0.00
GOWANUS_GT2_3 24116	23.28 1.23 -0.01	21.38 1.13 -0.01	20.76 1.03 -0.01	20.71 1.00 -0.01	21.34 1.00 -0.01	23.49 0.90 0.00	27.99 1.15 0.00	29.19 1.18 0.01	30.52 1.43 0.01	30.71 1.46 0.01	30.82 1.19 0.01	31.25 1.17 0.01	30.74 1.27 0.01	30.02 1.35 0.01	29.14 1.49 0.01	29.82 1.37 0.01	35.84 2.09 0.01	40.75 2.88 0.01	36.60 2.39 0.01	33.24 1.91 0.01	29.71 1.36 0.01	27.80 1.25 0.01	26.55 1.38 0.00	25.81 1.62 0.00
GOWANUS_GT2_4 24117	23.28 1.23 -0.01	21.38 1.13 -0.01	20.76 1.03 -0.01	20.71 1.00 -0.01	21.34 1.00 -0.01	23.49 0.90 0.00	27.99 1.15 0.00	29.19 1.18 0.01	30.52 1.43 0.01	30.71 1.46 0.01	30.82 1.19 0.01	31.25 1.17 0.01	30.74 1.27 0.01	30.02 1.35 0.01	29.14 1.49 0.01	29.82 1.37 0.01	35.84 2.09 0.01	40.75 2.88 0.01	36.60 2.39 0.01	33.24 1.91 0.01	29.71 1.36 0.01	27.80 1.25 0.01	26.55 1.38 0.00	25.81 1.62 0.00

GOWANUS_GT2_5 24118	23.28 1.23 -0.01	21.38 1.13 -0.01	20.76 1.03 -0.01	20.71 1.00 -0.01	21.34 1.00 -0.01	23.49 0.90 0.00	27.99 1.15 0.00	29.19 1.18 0.01	30.52 1.43 0.01	30.71 1.46 0.01	30.82 1.19 0.01	31.25 1.17 0.01	30.74 1.27 0.01	30.02 1.35 0.01	29.14 1.49 0.01	29.82 1.37 0.01	35.84 2.09 0.01	40.75 2.88 0.01	36.60 2.39 0.01	33.24 1.91 0.01	29.71 1.36 0.01	27.80 1.25 0.01	26.55 1.38 0.00	25.81 1.62 0.00
GOWANUS_GT2_6 24119	23.28 1.23 -0.01	21.38 1.13 -0.01	20.76 1.03 -0.01	20.71 1.00 -0.01	21.34 1.00 -0.01	23.49 0.90 0.00	27.99 1.15 0.00	29.19 1.18 0.01	30.52 1.43 0.01	30.71 1.46 0.01	30.82 1.19 0.01	31.25 1.17 0.01	30.74 1.27 0.01	30.02 1.35 0.01	29.14 1.49 0.01	29.82 1.37 0.01	35.84 2.09 0.01	40.75 2.88 0.01	36.60 2.39 0.01	33.24 1.91 0.01	29.71 1.36 0.01	27.80 1.25 0.01	26.55 1.38 0.00	25.81 1.62 0.00
GOWANUS_GT2_7 24120	23.28 1.23 -0.01	21.38 1.13 -0.01	20.76 1.03 -0.01	20.71 1.00 -0.01	21.34 1.00 -0.01	23.49 0.90 0.00	27.99 1.15 0.00	29.19 1.18 0.01	30.52 1.43 0.01	30.71 1.46 0.01	30.82 1.19 0.01	31.25 1.17 0.01	30.74 1.27 0.01	30.02 1.35 0.01	29.14 1.49 0.01	29.82 1.37 0.01	35.84 2.09 0.01	40.75 2.88 0.01	36.60 2.39 0.01	33.24 1.91 0.01	29.71 1.36 0.01	27.80 1.25 0.01	26.55 1.38 0.00	25.81 1.62 0.00
GOWANUS_GT2_8 24121	23.28 1.23 -0.01	21.38 1.13 -0.01	20.76 1.03 -0.01	20.71 1.00 -0.01	21.34 1.00 -0.01	23.49 0.90 0.00	27.99 1.15 0.00	29.19 1.18 0.01	30.52 1.43 0.01	30.71 1.46 0.01	30.82 1.19 0.01	31.25 1.17 0.01	30.74 1.27 0.01	30.02 1.35 0.01	29.14 1.49 0.01	29.82 1.37 0.01	35.84 2.09 0.01	40.75 2.88 0.01	36.60 2.39 0.01	33.24 1.91 0.01	29.71 1.36 0.01	27.80 1.25 0.01	26.55 1.38 0.00	25.81 1.62 0.00
GOWANUS_GT3_1 24122	23.28 1.23 -0.01	21.27 1.03 -0.01	20.72 0.99 -0.01	20.63 0.93 -0.01	21.26 0.92 -0.01	23.44 0.86 0.00	28.04 1.21 0.00	29.36 1.34 0.00	30.70 1.60 0.00	30.86 1.61 0.00	31.01 1.36 0.00	31.44 1.36 0.00	30.93 1.44 0.00	30.17 1.49 0.00	29.28 1.63 0.00	30.00 1.54 0.00	36.01 2.26 0.00	40.91 3.03 0.00	36.70 2.50 0.00	33.37 2.04 0.00	29.83 1.47 0.00	27.94 1.38 0.00	26.57 1.41 0.00	25.69 1.50 0.00
GOWANUS_GT3_2 24123	23.28 1.23 -0.01	21.27 1.03 -0.01	20.72 0.99 -0.01	20.63 0.93 -0.01	21.26 0.92 -0.01	23.44 0.86 0.00	28.04 1.21 0.00	29.36 1.34 0.00	30.70 1.60 0.00	30.86 1.61 0.00	31.01 1.36 0.00	31.44 1.36 0.00	30.93 1.44 0.00	30.17 1.49 0.00	29.28 1.63 0.00	30.00 1.54 0.00	36.01 2.26 0.00	40.91 3.03 0.00	36.70 2.50 0.00	33.37 2.04 0.00	29.83 1.47 0.00	27.94 1.38 0.00	26.57 1.41 0.00	25.69 1.50 0.00
GOWANUS_GT3_3 24124	23.28 1.23 -0.01	21.27 1.03 -0.01	20.72 0.99 -0.01	20.63 0.93 -0.01	21.26 0.92 -0.01	23.44 0.86 0.00	28.04 1.21 0.00	29.36 1.34 0.00	30.70 1.60 0.00	30.86 1.61 0.00	31.01 1.36 0.00	31.44 1.36 0.00	30.93 1.44 0.00	30.17 1.49 0.00	29.28 1.63 0.00	30.00 1.54 0.00	36.01 2.26 0.00	40.91 3.03 0.00	36.70 2.50 0.00	33.37 2.04 0.00	29.83 1.47 0.00	27.94 1.38 0.00	26.57 1.41 0.00	25.69 1.50 0.00
GOWANUS_GT3_4 24125	23.28 1.23 -0.01	21.27 1.03 -0.01	20.72 0.99 -0.01	20.63 0.93 -0.01	21.26 0.92 -0.01	23.44 0.86 0.00	28.04 1.21 0.00	29.36 1.34 0.00	30.70 1.60 0.00	30.86 1.61 0.00	31.01 1.36 0.00	31.44 1.36 0.00	30.93 1.44 0.00	30.17 1.49 0.00	29.28 1.63 0.00	30.00 1.54 0.00	36.01 2.26 0.00	40.91 3.03 0.00	36.70 2.50 0.00	33.37 2.04 0.00	29.83 1.47 0.00	27.94 1.38 0.00	26.57 1.41 0.00	25.69 1.50 0.00
GOWANUS_GT3_5 24126	23.28 1.23 -0.01	21.27 1.03 -0.01	20.72 0.99 -0.01	20.63 0.93 -0.01	21.26 0.92 -0.01	23.44 0.86 0.00	28.04 1.21 0.00	29.36 1.34 0.00	30.70 1.60 0.00	30.86 1.61 0.00	31.01 1.36 0.00	31.44 1.36 0.00	30.93 1.44 0.00	30.17 1.49 0.00	29.28 1.63 0.00	30.00 1.54 0.00	36.01 2.26 0.00	40.91 3.03 0.00	36.70 2.50 0.00	33.37 2.04 0.00	29.83 1.47 0.00	27.94 1.38 0.00	26.57 1.41 0.00	25.69 1.50 0.00
GOWANUS_GT3_6 24127	23.28 1.23 -0.01	21.27 1.03 -0.01	20.72 0.99 -0.01	20.63 0.93 -0.01	21.26 0.92 -0.01	23.44 0.86 0.00	28.04 1.21 0.00	29.36 1.34 0.00	30.70 1.60 0.00	30.86 1.61 0.00	31.01 1.36 0.00	31.44 1.36 0.00	30.93 1.44 0.00	30.17 1.49 0.00	29.28 1.63 0.00	30.00 1.54 0.00	36.01 2.26 0.00	40.91 3.03 0.00	36.70 2.50 0.00	33.37 2.04 0.00	29.83 1.47 0.00	27.94 1.38 0.00	26.57 1.41 0.00	25.69 1.50 0.00
GOWANUS_GT3_7 24128	23.28 1.23 -0.01	21.27 1.03 -0.01	20.72 0.99 -0.01	20.63 0.93 -0.01	21.26 0.92 -0.01	23.44 0.86 0.00	28.04 1.21 0.00	29.36 1.34 0.00	30.70 1.60 0.00	30.86 1.61 0.00	31.01 1.36 0.00	31.44 1.36 0.00	30.93 1.44 0.00	30.17 1.49 0.00	29.28 1.63 0.00	30.00 1.54 0.00	36.01 2.26 0.00	40.91 3.03 0.00	36.70 2.50 0.00	33.37 2.04 0.00	29.83 1.47 0.00	27.94 1.38 0.00	26.57 1.41 0.00	25.69 1.50 0.00
GOWANUS_GT3_8 24129	23.28 1.23 -0.01	21.27 1.03 -0.01	20.72 0.99 -0.01	20.63 0.93 -0.01	21.26 0.92 -0.01	23.44 0.86 0.00	28.04 1.21 0.00	29.36 1.34 0.00	30.70 1.60 0.00	30.86 1.61 0.00	31.01 1.36 0.00	31.44 1.36 0.00	30.93 1.44 0.00	30.17 1.49 0.00	29.28 1.63 0.00	30.00 1.54 0.00	36.01 2.26 0.00	40.91 3.03 0.00	36.70 2.50 0.00	33.37 2.04 0.00	29.83 1.47 0.00	27.94 1.38 0.00	26.57 1.41 0.00	25.69 1.50 0.00
GOWANUS_GT4_1 24130	23.28 1.23 -0.01	21.36 1.11 -0.01	20.78 1.05 -0.01	20.71 1.00 -0.01	21.34 1.00 -0.01	23.51 0.93 0.00	27.96 1.13 0.00	29.19 1.18 0.00	30.49 1.40 0.00	30.63 1.37 0.00	30.86 1.22 0.00	31.32 1.23 0.00	30.78 1.30 0.00	30.00 1.32 0.00	29.17 1.52 0.00	29.89 1.42 0.00	35.81 2.06 0.00	40.72 2.84 0.00	36.57 2.36 0.00	33.25 1.91 0.00	29.66 1.30 0.00	27.78 1.22 0.00	26.35 1.18 0.00	25.66 1.48 0.00
GOWANUS_GT4_2 24131	23.28 1.23 -0.01	21.36 1.11 -0.01	20.78 1.05 -0.01	20.71 1.00 -0.01	21.34 1.00 -0.01	23.51 0.93 0.00	27.96 1.13 0.00	29.19 1.18 0.00	30.49 1.40 0.00	30.63 1.37 0.00	30.86 1.22 0.00	31.32 1.23 0.00	30.78 1.30 0.00	30.00 1.32 0.00	29.17 1.52 0.00	29.89 1.42 0.00	35.81 2.06 0.00	40.72 2.84 0.00	36.57 2.36 0.00	33.25 1.91 0.00	29.66 1.30 0.00	27.78 1.22 0.00	26.35 1.18 0.00	25.66 1.48 0.00
GOWANUS_GT4_3 24132	23.28 1.23 -0.01	21.36 1.11 -0.01	20.78 1.05 -0.01	20.71 1.00 -0.01	21.34 1.00 -0.01	23.51 0.93 0.00	27.96 1.13 0.00	29.19 1.18 0.00	30.49 1.40 0.00	30.63 1.37 0.00	30.86 1.22 0.00	31.32 1.23 0.00	30.78 1.30 0.00	30.00 1.32 0.00	29.17 1.52 0.00	29.89 1.42 0.00	35.81 2.06 0.00	40.72 2.84 0.00	36.57 2.36 0.00	33.25 1.91 0.00	29.66 1.30 0.00	27.78 1.22 0.00	26.35 1.18 0.00	25.66 1.48 0.00

GOWANUS_GT4_4 24133	23.28 1.23 -0.01	21.36 1.11 -0.01	20.78 1.05 -0.01	20.71 1.00 -0.01	21.34 1.00 -0.01	23.51 0.93 0.00	27.96 1.13 0.00	29.19 1.18 0.00	30.49 1.40 0.00	30.63 1.37 0.00	30.86 1.22 0.00	31.32 1.23 0.00	30.78 1.30 0.00	30.00 1.32 0.00	29.17 1.52 0.00	29.89 1.42 0.00	35.81 2.06 0.00	40.72 2.84 0.00	36.57 2.36 0.00	33.25 1.91 0.00	29.66 1.30 0.00	27.78 1.22 0.00	26.35 1.18 0.00	25.66 1.48 0.00
GOWANUS_GT4_5 24134	23.28 1.23 -0.01	21.36 1.11 -0.01	20.78 1.05 -0.01	20.71 1.00 -0.01	21.34 1.00 -0.01	23.51 0.93 0.00	27.96 1.13 0.00	29.19 1.18 0.00	30.49 1.40 0.00	30.63 1.37 0.00	30.86 1.22 0.00	31.32 1.23 0.00	30.78 1.30 0.00	30.00 1.32 0.00	29.17 1.52 0.00	29.89 1.42 0.00	35.81 2.06 0.00	40.72 2.84 0.00	36.57 2.36 0.00	33.25 1.91 0.00	29.66 1.30 0.00	27.78 1.22 0.00	26.35 1.18 0.00	25.66 1.48 0.00
GOWANUS_GT4_6 24135	23.28 1.23 -0.01	21.36 1.11 -0.01	20.78 1.05 -0.01	20.71 1.00 -0.01	21.34 1.00 -0.01	23.51 0.93 0.00	27.96 1.13 0.00	29.19 1.18 0.00	30.49 1.40 0.00	30.63 1.37 0.00	30.86 1.22 0.00	31.32 1.23 0.00	30.78 1.30 0.00	30.00 1.32 0.00	29.17 1.52 0.00	29.89 1.42 0.00	35.81 2.06 0.00	40.72 2.84 0.00	36.57 2.36 0.00	33.25 1.91 0.00	29.66 1.30 0.00	27.78 1.22 0.00	26.35 1.18 0.00	25.66 1.48 0.00
GOWANUS_GT4_7 24136	23.28 1.23 -0.01	21.36 1.11 -0.01	20.78 1.05 -0.01	20.71 1.00 -0.01	21.34 1.00 -0.01	23.51 0.93 0.00	27.96 1.13 0.00	29.19 1.18 0.00	30.49 1.40 0.00	30.63 1.37 0.00	30.86 1.22 0.00	31.32 1.23 0.00	30.78 1.30 0.00	30.00 1.32 0.00	29.17 1.52 0.00	29.89 1.42 0.00	35.81 2.06 0.00	40.72 2.84 0.00	36.57 2.36 0.00	33.25 1.91 0.00	29.66 1.30 0.00	27.78 1.22 0.00	26.35 1.18 0.00	25.66 1.48 0.00
GOWANUS_GT4_8 24137	23.28 1.23 -0.01	21.36 1.11 -0.01	20.78 1.05 -0.01	20.71 1.00 -0.01	21.34 1.00 -0.01	23.51 0.93 0.00	27.96 1.13 0.00	29.19 1.18 0.00	30.49 1.40 0.00	30.63 1.37 0.00	30.86 1.22 0.00	31.32 1.23 0.00	30.78 1.30 0.00	30.00 1.32 0.00	29.17 1.52 0.00	29.89 1.42 0.00	35.81 2.06 0.00	40.72 2.84 0.00	36.57 2.36 0.00	33.25 1.91 0.00	29.66 1.30 0.00	27.78 1.22 0.00	26.35 1.18 0.00	25.66 1.48 0.00
GREENBSH_115KV_TB3 55895	22.13 0.09 0.00	20.36 0.12 0.00	19.85 0.12 0.00	19.80 0.10 0.00	20.39 0.06 0.00	22.56 -0.02 0.00	26.81 -0.03 0.00	28.24 0.22 0.00	29.33 0.23 0.00	29.46 0.20 0.00	29.97 0.33 0.00	30.45 0.36 0.00	29.81 0.32 0.00	29.03 0.34 0.00	27.98 0.33 0.00	28.92 0.46 0.00	34.42 0.67 0.00	38.91 1.02 0.00	34.82 0.62 0.00	31.77 0.44 0.00	28.67 0.31 0.00	26.85 0.29 0.00	25.39 0.23 0.00	24.33 0.15 0.00
GREENDGE_115KV_TB5 80291	22.63 0.60 0.00	20.78 0.55 0.00	20.24 0.51 0.00	20.17 0.47 0.00	20.88 0.55 0.00	23.26 0.68 0.00	27.67 0.83 0.00	28.52 0.50 0.00	29.62 0.52 0.00	29.81 0.56 0.00	30.12 0.47 0.00	30.39 0.30 0.00	29.72 0.24 0.00	28.85 0.17 0.00	27.74 0.08 0.00	28.58 0.11 0.00	33.78 0.03 0.00	38.15 0.27 0.00	34.38 0.17 0.00	31.87 0.53 0.00	29.01 0.65 0.00	26.96 0.40 0.00	25.49 0.33 0.00	24.57 0.39 0.00
GREENIDGE___3 23582	22.63 0.60 0.00	20.78 0.55 0.00	20.24 0.51 0.00	20.17 0.47 0.00	20.88 0.55 0.00	23.26 0.68 0.00	27.67 0.83 0.00	28.52 0.50 0.00	29.62 0.52 0.00	29.81 0.56 0.00	30.12 0.47 0.00	30.39 0.30 0.00	29.72 0.24 0.00	28.85 0.17 0.00	27.74 0.08 0.00	28.58 0.11 0.00	33.78 0.03 0.00	38.15 0.27 0.00	34.38 0.17 0.00	31.87 0.53 0.00	29.01 0.65 0.00	26.96 0.40 0.00	25.49 0.33 0.00	24.57 0.39 0.00
GREENIDGE___4 23583	22.63 0.60 0.00	20.86 0.63 0.00	20.24 0.51 0.00	20.17 0.47 0.00	20.88 0.55 0.00	23.26 0.68 0.00	27.64 0.80 0.00	28.58 0.56 0.00	29.59 0.49 0.00	29.81 0.55 0.00	30.20 0.56 0.00	30.54 0.45 0.00	29.81 0.32 0.00	28.88 0.20 0.00	27.82 0.17 0.00	28.75 0.28 0.00	33.78 0.03 0.00	38.15 0.27 0.00	34.59 0.38 0.00	31.90 0.56 0.00	29.01 0.65 0.00	26.96 0.40 0.00	25.47 0.30 0.00	24.57 0.39 0.00
GREENLWN_69_KV_BK 3 55738	23.21 1.17 0.00	21.27 1.03 0.00	20.68 0.95 0.00	20.56 0.87 0.00	21.23 0.89 0.00	23.58 0.99 0.00	28.34 1.50 0.00	33.69 1.77 -3.90	34.39 1.89 -3.40	32.80 1.96 -1.59	35.94 1.93 -4.37	38.18 1.96 -6.14	37.10 1.98 -5.64	37.42 1.98 -6.76	35.04 2.05 -5.34	38.86 2.08 -8.32	46.76 2.50 -10.52	54.15 3.22 -13.05	54.23 2.67 -17.36	41.92 2.19 -8.39	39.90 1.93 -9.62	36.13 1.86 -7.72	29.95 1.59 -3.20	27.30 1.48 -1.64
GREENWD_138_KV_38B11_REV_LBMP_J 345004	23.28 1.23 -0.01	21.36 1.11 -0.01	20.78 1.05 -0.01	20.71 1.00 -0.01	21.34 1.00 -0.01	23.51 0.93 0.00	27.96 1.13 0.00	29.19 1.18 0.00	30.49 1.40 0.00	30.63 1.37 0.00	30.86 1.22 0.00	31.32 1.23 0.00	30.78 1.30 0.00	30.00 1.32 0.00	29.17 1.52 0.00	29.89 1.42 0.00	35.81 2.06 0.00	40.72 2.84 0.00	36.57 2.36 0.00	33.25 1.91 0.00	29.66 1.30 0.00	27.78 1.22 0.00	26.35 1.18 0.00	25.66 1.48 0.00
GRISSOM___SOLAR 323813	24.09 2.05 0.00	22.08 1.84 0.00	21.49 1.76 0.00	21.39 1.69 0.00	22.06 1.73 0.00	24.71 2.12 0.00	29.41 2.58 0.00	30.76 2.75 0.00	31.89 2.79 0.00	32.20 2.95 0.00	32.63 2.99 0.00	33.28 3.19 0.00	32.55 3.07 0.00	31.55 2.87 0.00	30.53 2.88 0.00	31.59 3.13 0.00	37.86 4.12 0.00	42.92 5.04 0.00	38.55 4.35 0.00	35.09 3.76 0.00	31.76 3.40 0.00	29.69 3.13 0.00	27.83 2.67 0.00	26.56 2.37 0.00
GROVEVILLE___HYD 323602	23.01 0.97 0.00	21.09 0.85 0.00	20.52 0.79 0.00	20.45 0.75 0.00	21.06 0.73 0.00	23.31 0.72 0.00	27.88 1.05 0.00	29.36 1.34 0.00	30.58 1.48 0.00	30.74 1.49 0.00	31.12 1.48 0.00	31.62 1.53 0.00	31.01 1.53 0.00	30.23 1.55 0.00	29.23 1.58 0.00	30.14 1.68 0.00	35.94 2.19 0.00	40.80 2.92 0.00	36.57 2.36 0.00	33.28 1.94 0.00	29.95 1.59 0.00	28.02 1.46 0.00	26.35 1.18 0.00	25.30 1.11 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	22.30 0.26 0.00	20.46 0.22 0.00	19.93 0.20 0.00	19.85 0.16 0.00	20.54 0.20 0.00	22.86 0.27 0.00	27.16 0.32 0.00	28.21 0.20 0.00	29.30 0.20 0.00	29.51 0.26 0.00	29.91 0.27 0.00	30.27 0.18 0.00	29.63 0.15 0.00	28.82 0.14 0.00	27.76 0.11 0.00	28.55 0.09 0.00	33.48 -0.27 0.00	37.84 -0.04 0.00	34.07 -0.14 0.00	31.21 -0.13 0.00	28.30 -0.06 0.00	26.48 -0.08 0.00	25.09 -0.08 0.00	24.14 -0.05 0.00
HAMLTNNY_34_KV_TB 80303	22.50 0.46 0.00	20.64 0.40 0.00	20.10 0.37 0.00	20.03 0.33 0.00	20.72 0.39 0.00	23.11 0.52 0.00	27.45 0.62 0.00	28.49 0.48 0.00	29.59 0.49 0.00	29.84 0.59 0.00	30.23 0.59 0.00	30.60 0.51 0.00	29.95 0.47 0.00	29.11 0.43 0.00	28.01 0.36 0.00	28.83 0.37 0.00	33.58 -0.17 0.00	37.92 0.04 0.00	34.17 -0.03 0.00	31.30 -0.03 0.00	28.39 0.03 0.00	26.51 -0.05 0.00	25.11 -0.05 0.00	24.16 -0.02 0.00

HAMPSHIRE___PAPER_HYD 323593	21.60 -0.44 0.00	19.81 -0.43 0.00	19.35 -0.38 0.00	19.36 -0.33 0.00	20.05 -0.28 0.00	22.20 -0.38 0.00	26.33 -0.51 0.00	27.54 -0.48 0.00	28.57 -0.52 0.00	28.78 -0.47 0.00	29.05 -0.59 0.00	29.55 -0.54 0.00	28.92 -0.56 0.00	28.14 -0.55 0.00	27.04 -0.61 0.00	27.84 -0.63 0.00	32.70 -1.05 0.00	36.63 -1.25 0.00	33.18 -1.03 0.00	33.64 -0.84 -3.15	27.71 -0.65 0.00	25.92 -0.64 0.00	24.53 -0.63 0.00	23.63 -0.56 0.00
HARDSCRABBLE_WT_PWR 323673	22.02 -0.02 0.00	20.20 -0.04 0.00	19.73 0.00 0.00	19.70 0.00 0.00	20.33 0.00 0.00	22.63 0.05 0.00	26.97 0.13 0.00	28.24 0.22 0.00	29.36 0.26 0.00	29.54 0.29 0.00	29.94 0.30 0.00	30.30 0.21 0.00	29.63 0.15 0.00	28.74 0.06 0.00	27.68 0.03 0.00	28.52 0.06 0.00	33.88 0.14 0.00	38.18 0.30 0.00	34.42 0.21 0.00	31.46 0.13 0.00	28.47 0.11 0.00	26.75 0.19 0.00	25.39 0.23 0.00	24.45 0.27 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	22.88 0.84 0.00	20.96 0.73 0.00	20.40 0.67 0.00	20.33 0.63 0.00	20.94 0.61 0.00	23.20 0.61 0.00	27.75 0.91 0.00	29.19 1.18 0.00	30.41 1.31 0.00	30.57 1.32 0.00	30.92 1.27 0.00	31.41 1.32 0.00	30.81 1.33 0.00	30.03 1.35 0.00	29.09 1.44 0.00	29.94 1.48 0.00	35.71 1.96 0.00	40.53 2.65 0.00	36.36 2.16 0.00	33.09 1.75 0.00	29.78 1.42 0.00	27.86 1.30 0.00	26.22 1.06 0.00	25.15 0.97 0.00
HARSNRAD_115KV_TB1 81005	21.93 -0.11 0.00	20.19 -0.04 0.00	19.75 0.02 0.00	19.62 -0.08 0.00	20.33 0.00 0.00	22.61 0.02 0.00	26.68 -0.16 0.00	26.76 -1.26 0.00	27.85 -1.25 0.00	28.02 -1.23 0.00	28.13 -1.51 0.00	28.31 -1.78 0.00	27.80 -1.68 0.00	26.99 -1.69 0.00	25.77 -1.88 0.00	26.50 -1.96 0.00	31.39 -2.36 0.00	35.50 -2.39 0.00	32.02 -2.19 0.00	29.58 -1.75 0.00	27.20 -1.16 0.00	25.15 -1.41 0.00	23.98 -1.18 0.00	23.29 -0.89 0.00
HARZA MOOSE___RIVER 24016	22.26 0.22 0.00	20.40 0.16 0.00	19.93 0.20 0.00	19.87 0.18 0.00	20.56 0.22 0.00	22.88 0.29 0.00	27.24 0.40 0.00	28.44 0.42 0.00	29.50 0.41 0.00	29.75 0.50 0.00	30.03 0.39 0.00	30.42 0.33 0.00	29.75 0.27 0.00	28.91 0.23 0.00	27.85 0.19 0.00	28.72 0.26 0.00	34.12 0.37 0.00	38.53 0.64 0.00	34.76 0.55 0.00	32.74 0.50 -0.90	28.81 0.45 0.00	26.90 0.35 0.00	25.39 0.23 0.00	24.36 0.17 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	21.95 -0.09 0.00	20.13 -0.10 0.00	19.61 -0.12 0.00	19.56 -0.14 0.00	20.21 -0.12 0.00	22.47 -0.11 0.00	26.68 -0.16 0.00	27.71 -0.31 0.00	28.78 -0.32 0.00	28.93 -0.32 0.00	29.26 -0.39 0.00	29.64 -0.45 0.00	29.04 -0.44 0.00	28.25 -0.43 0.00	27.27 -0.39 0.00	28.01 -0.46 0.00	33.21 -0.54 0.00	37.50 -0.38 0.00	33.80 -0.41 0.00	30.93 -0.41 0.00	28.07 -0.28 0.00	26.29 -0.27 0.00	24.94 -0.23 0.00	23.97 -0.22 0.00
HELLGATE_13_KV_LD 55870	23.19 1.15 -0.01	21.25 1.01 -0.01	20.68 0.95 -0.01	20.59 0.89 -0.01	21.19 0.85 -0.01	23.40 0.81 0.00	28.04 1.21 0.00	29.39 1.37 0.00	30.67 1.57 0.00	30.77 1.52 0.00	31.06 1.42 0.00	31.50 1.41 0.00	30.96 1.47 0.00	30.17 1.49 0.00	29.28 1.63 0.00	30.08 1.62 0.00	35.91 2.16 0.00	40.72 2.84 0.00	36.57 2.36 0.00	33.28 1.94 0.00	29.80 1.45 0.00	27.94 1.38 0.00	26.32 1.16 0.00	25.37 1.19 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	23.19 1.15 -0.01	21.25 1.01 -0.01	20.68 0.95 -0.01	20.59 0.89 -0.01	21.19 0.85 -0.01	23.40 0.81 0.00	28.04 1.21 0.00	29.39 1.37 0.00	30.67 1.57 0.00	30.77 1.52 0.00	31.06 1.42 0.00	31.50 1.41 0.00	30.96 1.47 0.00	30.17 1.49 0.00	29.28 1.63 0.00	30.08 1.62 0.00	35.91 2.16 0.00	40.72 2.84 0.00	36.57 2.36 0.00	33.28 1.94 0.00	29.80 1.45 0.00	27.94 1.38 0.00	26.32 1.16 0.00	25.37 1.19 0.00
HEMPSTEAD___ 23647	23.25 1.21 0.00	21.25 1.01 0.00	20.70 0.97 0.00	20.58 0.89 0.00	21.25 0.92 0.00	23.60 1.02 0.00	28.37 1.53 0.00	33.77 1.85 -3.90	34.56 2.07 -3.40	32.89 2.05 -1.59	35.97 1.96 -4.37	38.18 1.95 -6.14	37.13 2.01 -5.64	37.45 2.01 -6.76	35.04 2.05 -5.34	38.86 2.08 -8.32	47.10 2.84 -10.52	54.53 3.60 -13.05	54.58 3.01 -17.36	42.20 2.47 -8.39	40.02 2.04 -9.62	36.16 1.89 -7.72	30.13 1.76 -3.20	27.42 1.60 -1.64
HEWLETT__69_KV_BK3 55828	23.38 1.34 0.00	21.43 1.19 0.00	20.81 1.09 0.00	20.70 1.00 0.00	21.37 1.04 0.00	23.74 1.15 0.00	28.53 1.69 0.00	33.97 2.05 -3.90	34.74 2.24 -3.40	33.06 2.22 -1.59	36.21 2.19 -4.37	38.48 2.26 -6.14	37.39 2.27 -5.64	37.68 2.24 -6.76	35.29 2.30 -5.34	39.14 2.36 -8.32	47.14 2.87 -10.52	54.64 3.71 -13.05	54.65 3.08 -17.36	42.48 2.76 -8.39	40.24 2.27 -9.62	36.35 2.07 -7.72	30.13 1.76 -3.20	27.47 1.64 -1.64
HICKLING___1 23621	22.72 0.68 0.00	20.88 0.65 0.00	20.32 0.59 0.00	20.25 0.55 0.00	20.94 0.61 0.00	23.29 0.70 0.00	27.61 0.78 0.00	28.38 0.36 0.00	29.48 0.38 0.00	29.63 0.38 0.00	29.91 0.27 0.00	30.21 0.12 0.00	29.54 0.06 0.00	28.71 0.03 0.00	27.62 -0.03 0.00	28.41 -0.06 0.00	33.75 0.00 0.00	38.30 0.42 0.00	34.52 0.31 0.00	31.71 0.38 0.00	28.90 0.54 0.00	26.90 0.35 0.00	25.44 0.28 0.00	24.55 0.36 0.00
HICKLING___2 23622	22.72 0.68 0.00	20.88 0.65 0.00	20.32 0.59 0.00	20.25 0.55 0.00	20.94 0.61 0.00	23.29 0.70 0.00	27.61 0.78 0.00	28.38 0.36 0.00	29.48 0.38 0.00	29.63 0.38 0.00	29.91 0.27 0.00	30.21 0.12 0.00	29.54 0.06 0.00	28.71 0.03 0.00	27.62 -0.03 0.00	28.41 -0.06 0.00	33.75 0.00 0.00	38.30 0.42 0.00	34.52 0.31 0.00	31.71 0.38 0.00	28.90 0.54 0.00	26.90 0.35 0.00	25.44 0.28 0.00	24.55 0.36 0.00
HIGH FALLS___HY 23754	23.08 1.04 0.00	21.13 0.89 0.00	20.56 0.83 0.00	20.46 0.77 0.00	21.11 0.77 0.00	23.38 0.79 0.00	28.02 1.18 0.00	29.39 1.37 0.00	30.55 1.45 0.00	30.68 1.43 0.00	31.00 1.36 0.00	31.47 1.38 0.00	30.87 1.39 0.00	30.09 1.41 0.00	29.15 1.49 0.00	30.06 1.59 0.00	35.91 2.16 0.00	40.84 2.95 0.00	36.67 2.46 0.00	33.37 2.04 0.00	30.03 1.67 0.00	28.07 1.51 0.00	26.42 1.26 0.00	25.37 1.19 0.00
HILLBURN___GT 23639	22.88 0.84 0.00	20.90 0.67 0.00	20.38 0.65 0.00	20.31 0.61 0.00	20.92 0.59 0.00	23.17 0.59 0.00	27.75 0.91 0.00	29.22 1.20 0.00	30.49 1.40 0.00	30.63 1.38 0.00	30.91 1.27 0.00	31.35 1.26 0.00	30.78 1.30 0.00	30.03 1.35 0.00	29.06 1.41 0.00	29.88 1.42 0.00	35.74 1.99 0.00	40.53 2.65 0.00	36.40 2.19 0.00	33.09 1.75 0.00	29.78 1.42 0.00	27.86 1.30 0.00	26.37 1.21 0.00	25.23 1.04 0.00
HILLSIDE_115KV_TB1 80332	22.41 0.37 0.00	20.60 0.36 0.00	20.07 0.34 0.00	19.99 0.30 0.00	20.66 0.33 0.00	22.97 0.38 0.00	27.24 0.40 0.00	28.02 0.00 0.00	29.10 0.00 0.00	29.25 0.00 0.00	29.52 -0.12 0.00	29.82 -0.27 0.00	29.19 -0.29 0.00	28.37 -0.32 0.00	27.29 -0.36 0.00	28.09 -0.37 0.00	33.34 -0.40 0.00	37.81 -0.08 0.00	34.07 -0.14 0.00	31.27 -0.06 0.00	28.50 0.14 0.00	26.53 -0.03 0.00	25.11 -0.05 0.00	24.23 0.05 0.00

HISHELDN_WT_PWR 323625	22.33 0.29 0.00	20.70 0.47 0.00	20.03 0.30 0.00	19.95 0.26 0.00	20.64 0.31 0.00	22.93 0.34 0.00	27.05 0.21 0.00	27.40 -0.62 0.00	28.37 -0.73 0.00	28.49 -0.76 0.00	28.81 -0.83 0.00	29.12 -0.96 0.00	28.39 -1.09 0.00	27.42 -1.26 0.00	26.41 -1.24 0.00	27.29 -1.17 0.00	31.96 -1.79 0.00	36.25 -1.63 0.00	33.11 -1.10 0.00	30.24 -1.10 0.00	27.71 -0.65 0.00	25.68 -0.88 0.00	24.41 -0.75 0.00	23.70 -0.48 0.00
HOLTSVILLE_IC_1 23690	23.56 1.52 0.00	21.61 1.38 0.00	21.05 1.32 0.00	20.92 1.22 0.00	21.61 1.28 0.00	23.96 1.38 0.00	28.87 2.04 0.00	34.33 2.41 -3.90	35.12 2.62 -3.40	33.18 2.34 -1.59	36.21 2.19 -4.37	38.39 2.17 -6.14	37.33 2.21 -5.64	37.65 2.21 -6.76	35.29 2.29 -5.34	39.12 2.33 -8.32	47.54 3.27 -10.52	55.09 4.17 -13.05	55.09 3.52 -17.36	42.61 2.88 -8.39	40.36 2.38 -9.62	36.48 2.20 -7.72	30.45 2.09 -3.20	27.81 1.98 -1.64
HOLTSVILLE_IC_10 23699	23.65 1.61 0.00	21.69 1.46 0.00	21.13 1.40 0.00	21.00 1.30 0.00	21.72 1.38 0.00	24.08 1.49 0.00	28.98 2.15 0.00	34.47 2.55 -3.90	35.29 2.79 -3.40	33.30 2.46 -1.59	36.36 2.34 -4.37	38.54 2.32 -6.14	37.45 2.33 -5.64	37.80 2.35 -6.76	35.40 2.40 -5.34	39.26 2.47 -8.32	47.74 3.48 -10.52	55.36 4.43 -13.05	55.33 3.76 -17.36	42.80 3.07 -8.39	40.53 2.55 -9.62	36.61 2.34 -7.72	30.58 2.21 -3.20	27.93 2.10 -1.64
HOLTSVILLE_IC_2 23691	23.56 1.52 0.00	21.61 1.38 0.00	21.05 1.32 0.00	20.92 1.22 0.00	21.61 1.28 0.00	23.96 1.38 0.00	28.87 2.04 0.00	34.33 2.41 -3.90	35.12 2.62 -3.40	33.18 2.34 -1.59	36.21 2.19 -4.37	38.39 2.17 -6.14	37.33 2.21 -5.64	37.65 2.21 -6.76	35.29 2.29 -5.34	39.12 2.33 -8.32	47.54 3.27 -10.52	55.09 4.17 -13.05	55.09 3.52 -17.36	42.61 2.88 -8.39	40.36 2.38 -9.62	36.48 2.20 -7.72	30.45 2.09 -3.20	27.81 1.98 -1.64
HOLTSVILLE_IC_3 23692	23.56 1.52 0.00	21.61 1.38 0.00	21.05 1.32 0.00	20.92 1.22 0.00	21.61 1.28 0.00	23.96 1.38 0.00	28.87 2.04 0.00	34.33 2.41 -3.90	35.12 2.62 -3.40	33.18 2.34 -1.59	36.21 2.19 -4.37	38.39 2.17 -6.14	37.33 2.21 -5.64	37.65 2.21 -6.76	35.29 2.29 -5.34	39.12 2.33 -8.32	47.54 3.27 -10.52	55.09 4.17 -13.05	55.09 3.52 -17.36	42.61 2.88 -8.39	40.36 2.38 -9.62	36.48 2.20 -7.72	30.45 2.09 -3.20	27.81 1.98 -1.64
HOLTSVILLE_IC_4 23693	23.56 1.52 0.00	21.61 1.38 0.00	21.05 1.32 0.00	20.92 1.22 0.00	21.61 1.28 0.00	23.96 1.38 0.00	28.87 2.04 0.00	34.33 2.41 -3.90	35.12 2.62 -3.40	33.18 2.34 -1.59	36.21 2.19 -4.37	38.39 2.17 -6.14	37.33 2.21 -5.64	37.65 2.21 -6.76	35.29 2.29 -5.34	39.12 2.33 -8.32	47.54 3.27 -10.52	55.09 4.17 -13.05	55.09 3.52 -17.36	42.61 2.88 -8.39	40.36 2.38 -9.62	36.48 2.20 -7.72	30.45 2.09 -3.20	27.81 1.98 -1.64
HOLTSVILLE_IC_5 23694	23.56 1.52 0.00	21.61 1.38 0.00	21.05 1.32 0.00	20.92 1.22 0.00	21.61 1.28 0.00	23.96 1.38 0.00	28.87 2.04 0.00	34.33 2.41 -3.90	35.12 2.62 -3.40	33.18 2.34 -1.59	36.21 2.19 -4.37	38.39 2.17 -6.14	37.33 2.21 -5.64	37.65 2.21 -6.76	35.29 2.29 -5.34	39.12 2.33 -8.32	47.54 3.27 -10.52	55.09 4.17 -13.05	55.09 3.52 -17.36	42.61 2.88 -8.39	40.36 2.38 -9.62	36.48 2.20 -7.72	30.45 2.09 -3.20	27.81 1.98 -1.64
HOLTSVILLE_IC_6 23695	23.65 1.61 0.00	21.69 1.46 0.00	21.13 1.40 0.00	21.00 1.30 0.00	21.72 1.38 0.00	24.08 1.49 0.00	28.98 2.15 0.00	34.47 2.55 -3.90	35.29 2.79 -3.40	33.30 2.46 -1.59	36.36 2.34 -4.37	38.54 2.32 -6.14	37.45 2.33 -5.64	37.80 2.35 -6.76	35.40 2.40 -5.34	39.26 2.47 -8.32	47.74 3.48 -10.52	55.36 4.43 -13.05	55.33 3.76 -17.36	42.80 3.07 -8.39	40.53 2.55 -9.62	36.61 2.34 -7.72	30.58 2.21 -3.20	27.93 2.10 -1.64
HOLTSVILLE_IC_7 23696	23.65 1.61 0.00	21.69 1.46 0.00	21.13 1.40 0.00	21.00 1.30 0.00	21.72 1.38 0.00	24.08 1.49 0.00	28.98 2.15 0.00	34.47 2.55 -3.90	35.29 2.79 -3.40	33.30 2.46 -1.59	36.36 2.34 -4.37	38.54 2.32 -6.14	37.45 2.33 -5.64	37.80 2.35 -6.76	35.40 2.40 -5.34	39.26 2.47 -8.32	47.74 3.48 -10.52	55.36 4.43 -13.05	55.33 3.76 -17.36	42.80 3.07 -8.39	40.53 2.55 -9.62	36.61 2.34 -7.72	30.58 2.21 -3.20	27.93 2.10 -1.64
HOLTSVILLE_IC_8 23697	23.65 1.61 0.00	21.69 1.46 0.00	21.13 1.40 0.00	21.00 1.30 0.00	21.72 1.38 0.00	24.08 1.49 0.00	28.98 2.15 0.00	34.47 2.55 -3.90	35.29 2.79 -3.40	33.30 2.46 -1.59	36.36 2.34 -4.37	38.54 2.32 -6.14	37.45 2.33 -5.64	37.80 2.35 -6.76	35.40 2.40 -5.34	39.26 2.47 -8.32	47.74 3.48 -10.52	55.36 4.43 -13.05	55.33 3.76 -17.36	42.80 3.07 -8.39	40.53 2.55 -9.62	36.61 2.34 -7.72	30.58 2.21 -3.20	27.93 2.10 -1.64
HOLTSVILLE_IC_9 23698	23.65 1.61 0.00	21.69 1.46 0.00	21.13 1.40 0.00	21.00 1.30 0.00	21.72 1.38 0.00	24.08 1.49 0.00	28.98 2.15 0.00	34.47 2.55 -3.90	35.29 2.79 -3.40	33.30 2.46 -1.59	36.36 2.34 -4.37	38.54 2.32 -6.14	37.45 2.33 -5.64	37.80 2.35 -6.76	35.40 2.40 -5.34	39.26 2.47 -8.32	47.74 3.48 -10.52	55.36 4.43 -13.05	55.33 3.76 -17.36	42.80 3.07 -8.39	40.53 2.55 -9.62	36.61 2.34 -7.72	30.58 2.21 -3.20	27.93 2.10 -1.64
HOMER_HL_115KV_TB2 355744	22.92 0.88 0.00	21.09 0.85 0.00	20.50 0.77 0.00	20.41 0.71 0.00	21.15 0.81 0.00	23.51 0.93 0.00	27.83 0.99 0.00	28.13 0.11 0.00	29.21 0.12 0.00	29.34 0.09 0.00	29.52 -0.12 0.00	29.76 -0.33 0.00	29.10 -0.38 0.00	28.25 -0.43 0.00	27.13 -0.53 0.00	27.86 -0.60 0.00	33.07 -0.67 0.00	37.58 -0.30 0.00	33.90 -0.31 0.00	31.21 -0.13 0.00	28.64 0.28 0.00	26.53 -0.03 0.00	25.14 -0.03 0.00	24.36 0.17 0.00
HOWARD_WT_PWR 323690	22.92 0.88 0.00	21.21 0.97 0.00	20.52 0.79 0.00	20.44 0.75 0.00	21.09 0.75 0.00	23.40 0.81 0.00	27.59 0.75 0.00	28.21 0.20 0.00	29.13 0.03 0.00	29.19 -0.06 0.00	29.46 -0.18 0.00	29.76 -0.33 0.00	28.95 -0.53 0.00	27.99 -0.69 0.00	26.99 -0.66 0.00	27.95 -0.51 0.00	32.91 -0.84 0.00	37.43 -0.45 0.00	34.11 -0.10 0.00	31.24 -0.09 0.00	28.56 0.20 0.00	26.53 -0.03 0.00	25.09 -0.08 0.00	24.33 0.15 0.00
HQ_GEN_CEDARS 23644	22.02 -0.02 0.00	20.24 0.00 0.00	19.77 0.04 0.00	19.81 0.12 0.00	20.48 0.14 0.00	22.72 0.14 0.00	26.92 0.08 0.00	28.16 0.14 0.00	29.24 0.15 0.00	29.40 0.15 0.00	29.76 0.12 0.00	30.30 0.21 0.00	29.72 0.24 0.00	28.88 0.20 0.00	27.79 0.14 0.00	28.52 0.06 0.00	33.31 -0.44 0.00	36.94 -0.95 0.00	33.59 -0.62 0.00	32.29 -0.38 -1.33	28.22 -0.14 0.00	26.48 -0.08 0.00	25.11 -0.05 0.00	24.21 0.02 0.00
HQ_GEN_CEDARS_PROXY 323590	22.02 -0.02 0.00	20.24 0.00 0.00	19.77 0.04 0.00	19.82 0.12 0.00	20.48 0.14 0.00	22.72 0.14 0.00	26.92 0.08 0.00	28.16 0.14 0.00	29.24 0.15 0.00	29.40 0.15 0.00	29.76 0.12 0.00	30.30 0.21 0.00	29.72 0.23 0.00	28.88 0.20 0.00	27.79 0.14 0.00	28.49 0.03 0.00	33.31 -0.44 0.00	36.94 -0.95 0.00	33.49 -0.72 0.00	32.26 -0.41 -1.33	28.22 -0.14 0.00	26.48 -0.08 0.00	25.14 -0.03 0.00	24.21 0.02 0.00

HQ_GEN_IMPORT 323601	21.95 -0.09 0.00	20.17 -0.06 0.00	19.69 -0.04 0.00	19.70 0.00 0.00	20.35 0.02 0.00	22.61 0.02 0.00	26.84 0.00 0.00	28.04 0.03 0.00	29.13 0.03 0.00	29.28 0.03 0.00	29.64 0.00 0.00	30.12 0.03 0.00	29.51 0.03 0.00	28.71 0.03 0.00	27.65 0.00 0.00	28.41 -0.06 0.00	33.80 -0.23 -0.29	36.99 -0.61 0.29	33.80 -0.41 0.00	31.15 -0.19 0.00	28.22 -0.14 0.00	26.45 -0.11 0.00	25.09 -0.08 0.00	24.14 -0.05 0.00
HQ_GEN_WHEEL 23651	21.95 -0.09 0.00	20.17 -0.06 0.00	19.69 -0.04 0.00	19.70 0.00 0.00	20.35 0.02 0.00	22.61 0.02 0.00	26.84 0.00 0.00	28.04 0.03 0.00	29.13 0.03 0.00	29.28 0.03 0.00	29.64 0.00 0.00	30.12 0.03 0.00	29.51 0.03 0.00	28.71 0.03 0.00	27.65 0.00 0.00	28.41 -0.06 0.00	33.80 -0.23 -0.29	36.99 -0.61 0.29	33.80 -0.41 0.00	31.15 -0.19 0.00	28.22 -0.14 0.00	26.45 -0.11 0.00	25.09 -0.08 0.00	24.14 -0.05 0.00
HUDSON AVE_GT_3 23810	23.08 1.04 0.00	21.13 0.89 0.00	20.56 0.83 0.00	20.46 0.77 0.00	21.06 0.73 0.00	23.31 0.72 0.00	27.99 1.15 0.00	29.50 1.48 0.00	30.76 1.66 0.00	30.86 1.61 0.00	31.18 1.54 0.00	31.65 1.56 0.00	31.10 1.62 0.00	30.29 1.61 0.00	29.37 1.71 0.00	30.20 1.74 0.00	36.04 2.29 0.00	40.91 3.03 0.00	36.67 2.46 0.00	33.37 2.04 0.00	29.95 1.59 0.00	28.05 1.49 0.00	26.37 1.21 0.00	25.32 1.14 0.00
HUDSON AVE_GT_4 23540	23.08 1.04 0.00	21.13 0.89 0.00	20.56 0.83 0.00	20.46 0.77 0.00	21.06 0.73 0.00	23.31 0.72 0.00	27.99 1.15 0.00	29.50 1.48 0.00	30.76 1.66 0.00	30.86 1.61 0.00	31.18 1.54 0.00	31.65 1.56 0.00	31.10 1.62 0.00	30.29 1.61 0.00	29.37 1.71 0.00	30.20 1.74 0.00	36.04 2.29 0.00	40.91 3.03 0.00	36.67 2.46 0.00	33.37 2.04 0.00	29.95 1.59 0.00	28.05 1.49 0.00	26.37 1.21 0.00	25.32 1.14 0.00
HUDSON AVE_GT_5 23657	23.08 1.04 0.00	21.13 0.89 0.00	20.56 0.83 0.00	20.46 0.77 0.00	21.06 0.73 0.00	23.31 0.72 0.00	27.99 1.15 0.00	29.50 1.48 0.00	30.76 1.66 0.00	30.86 1.61 0.00	31.18 1.54 0.00	31.65 1.56 0.00	31.10 1.62 0.00	30.29 1.61 0.00	29.37 1.71 0.00	30.20 1.74 0.00	36.04 2.29 0.00	40.91 3.03 0.00	36.67 2.46 0.00	33.37 2.04 0.00	29.95 1.59 0.00	28.05 1.49 0.00	26.37 1.21 0.00	25.32 1.14 0.00
HUDSON_AVE_10 24168	23.01 0.97 0.00	21.09 0.85 0.00	20.50 0.77 0.00	20.41 0.71 0.00	21.00 0.67 0.00	23.26 0.68 0.00	27.94 1.10 0.00	29.47 1.46 0.00	30.76 1.66 0.00	30.83 1.58 0.00	31.15 1.51 0.00	31.62 1.53 0.00	31.07 1.59 0.00	30.29 1.61 0.00	29.37 1.71 0.00	30.17 1.71 0.00	36.04 2.29 0.00	40.91 3.03 0.00	36.67 2.46 0.00	33.37 2.04 0.00	29.95 1.59 0.00	28.05 1.49 0.00	26.35 1.18 0.00	25.27 1.09 0.00
HUDSON___115KV_TB 4 355613	22.59 0.55 0.00	20.76 0.53 0.00	20.22 0.49 0.00	20.19 0.49 0.00	20.80 0.47 0.00	23.04 0.45 0.00	27.43 0.59 0.00	28.86 0.84 0.00	29.91 0.81 0.00	30.07 0.82 0.00	30.56 0.92 0.00	31.05 0.96 0.00	30.37 0.88 0.00	29.54 0.86 0.00	28.51 0.86 0.00	29.49 1.02 0.00	35.17 1.42 0.00	39.81 1.93 0.00	35.68 1.47 0.00	32.53 1.19 0.00	29.38 1.02 0.00	27.46 0.90 0.00	25.92 0.75 0.00	24.84 0.65 0.00
HUNTER MOUNT___DRP 323613	22.68 0.64 0.00	20.86 0.63 0.00	20.32 0.59 0.00	20.29 0.59 0.00	20.90 0.57 0.00	23.15 0.56 0.00	27.53 0.70 0.00	28.94 0.92 0.00	30.00 0.90 0.00	30.19 0.94 0.00	30.68 1.04 0.00	31.17 1.08 0.00	30.48 1.00 0.00	29.66 0.98 0.00	28.59 0.94 0.00	29.57 1.11 0.00	35.27 1.52 0.00	39.97 2.08 0.00	35.82 1.61 0.00	32.65 1.32 0.00	29.52 1.16 0.00	27.57 1.01 0.00	25.99 0.83 0.00	24.94 0.75 0.00
HUNTINGTON_RES_REC 323705	23.36 1.32 0.00	21.39 1.15 0.00	20.83 1.10 0.00	20.70 1.00 0.00	21.39 1.06 0.00	23.74 1.15 0.00	28.61 1.77 0.00	33.99 2.07 -3.90	34.74 2.24 -3.40	33.03 2.19 -1.59	36.09 2.07 -4.37	38.27 2.05 -6.14	37.21 2.09 -5.64	37.57 2.12 -6.76	35.15 2.16 -5.34	39.00 2.22 -8.32	47.17 2.90 -10.52	54.68 3.75 -13.05	54.71 3.15 -17.36	42.29 2.57 -8.39	40.16 2.18 -9.62	36.35 2.07 -7.72	30.30 1.94 -3.20	27.59 1.76 -1.64
HUNTLEY___63 23557	22.13 0.09 0.00	20.34 0.10 0.00	19.87 0.14 0.00	19.80 0.10 0.00	20.50 0.16 0.00	22.79 0.20 0.00	26.86 0.03 0.00	26.95 -1.06 0.00	28.05 -1.05 0.00	28.20 -1.05 0.00	28.37 -1.27 0.00	28.55 -1.53 0.00	28.01 -1.47 0.00	27.19 -1.49 0.00	25.97 -1.69 0.00	26.67 -1.79 0.00	31.62 -2.13 0.00	35.76 -2.12 0.00	32.26 -1.95 0.00	29.83 -1.50 0.00	27.39 -0.96 0.00	25.36 -1.20 0.00	24.16 -1.01 0.00	23.46 -0.73 0.00
HUNTLEY___64 23558	22.13 0.09 0.00	20.34 0.10 0.00	19.87 0.14 0.00	19.80 0.10 0.00	20.50 0.16 0.00	22.79 0.20 0.00	26.86 0.03 0.00	26.95 -1.06 0.00	28.05 -1.05 0.00	28.20 -1.05 0.00	28.37 -1.27 0.00	28.55 -1.53 0.00	28.01 -1.47 0.00	27.19 -1.49 0.00	25.97 -1.69 0.00	26.67 -1.79 0.00	31.62 -2.13 0.00	35.76 -2.12 0.00	32.26 -1.95 0.00	29.83 -1.50 0.00	27.39 -0.96 0.00	25.36 -1.20 0.00	24.16 -1.01 0.00	23.46 0.00 0.00
HUNTLEY___65 23559	22.13 0.09 0.00	20.34 0.10 0.00	19.87 0.14 0.00	19.80 0.10 0.00	20.50 0.16 0.00	22.79 0.20 0.00	26.86 0.03 0.00	26.95 -1.06 0.00	28.05 -1.05 0.00	28.20 -1.05 0.00	28.37 -1.27 0.00	28.55 -1.53 0.00	28.01 -1.47 0.00	27.19 -1.49 0.00	25.97 -1.69 0.00	26.67 -1.79 0.00	31.62 -2.13 0.00	35.76 -2.12 0.00	32.26 -1.95 0.00	29.83 -1.50 0.00	27.39 -0.96 0.00	25.36 -1.20 0.00	24.16 -1.01 0.00	23.46 -0.73 0.00
HUNTLEY___66 23560	22.13 0.09 0.00	20.34 0.10 0.00	19.87 0.14 0.00	19.80 0.10 0.00	20.50 0.16 0.00	22.79 0.20 0.00	26.86 0.03 0.00	26.95 -1.06 0.00	28.05 -1.05 0.00	28.20 -1.05 0.00	28.37 -1.27 0.00	28.55 -1.53 0.00	28.01 -1.47 0.00	27.19 -1.49 0.00	25.97 -1.69 0.00	26.67 -1.79 0.00	31.62 -2.13 0.00	35.76 -2.12 0.00	32.26 -1.95 0.00	29.83 -1.50 0.00	27.39 -0.96 0.00	25.36 -1.20 0.00	24.16 -1.01 0.00	23.46 -0.73 0.00
HUNTLEY___67 23561	22.04 0.00 0.00	20.28 0.04 0.00	19.81 0.08 0.00	19.72 0.02 0.00	20.41 0.08 0.00	22.70 0.11 0.00	26.76 -0.08 0.00	26.90 -1.12 0.00	27.96 -1.13 0.00	28.14 -1.11 0.00	28.28 -1.36 0.00	28.46 -1.62 0.00	27.92 -1.56 0.00	27.10 -1.58 0.00	25.91 -1.74 0.00	26.61 -1.85 0.00	31.52 -2.23 0.00	35.65 -2.24 0.00	32.16 -2.05 0.00	29.71 -1.63 0.00	27.28 -1.08 0.00	25.28 -1.27 0.00	24.08 -1.08 0.00	23.39 -0.80 0.00
HUNTLEY___68 23562	22.04 0.00 0.00	20.28 0.04 0.00	19.81 0.08 0.00	19.72 0.02 0.00	20.41 0.08 0.00	22.70 0.11 0.00	26.76 -0.08 0.00	26.90 -1.12 0.00	27.96 -1.13 0.00	28.14 -1.11 0.00	28.28 -1.36 0.00	28.46 -1.62 0.00	27.92 -1.56 0.00	27.10 -1.58 0.00	25.91 -1.74 0.00	26.61 -1.85 0.00	31.52 -2.23 0.00	35.65 -2.24 0.00	32.16 -2.05 0.00	29.71 -1.63 0.00	27.28 -1.08 0.00	25.28 -1.27 0.00	24.08 -1.08 0.00	23.39 -0.80 0.00



HYLAND___LFGE 323620	23.32 1.28 0.00	21.51 1.28 0.00	20.81 1.08 0.00	20.74 1.04 0.00	21.49 1.16 0.00	23.99 1.40 0.00	28.61 1.77 0.00	29.33 1.32 0.00	30.20 1.11 0.00	30.16 0.91 0.00	30.47 0.83 0.00	30.78 0.69 0.00	29.98 0.50 0.00	28.94 0.26 0.00	28.09 0.44 0.00	29.20 0.74 0.00	34.69 0.94 0.00	39.66 1.78 0.00	36.16 1.95 0.00	33.03 1.69 0.00	30.06 1.70 0.00	27.78 1.22 0.00	26.22 1.06 0.00	25.28 1.09 0.00
INDECK___CORINTH 23802	23.03 0.99 0.00	21.09 0.85 0.00	20.56 0.83 0.00	20.50 0.81 0.00	20.98 0.65 0.00	23.35 0.77 0.00	27.86 1.02 0.00	29.11 1.09 0.00	30.29 1.19 0.00	30.54 1.29 0.00	31.03 1.39 0.00	31.56 1.47 0.00	30.84 1.36 0.00	30.00 1.32 0.00	28.95 1.30 0.00	29.86 1.39 0.00	35.64 1.89 0.00	40.31 2.43 0.00	36.12 1.91 0.00	32.90 1.57 0.00	29.69 1.33 0.00	27.76 1.20 0.00	26.14 0.98 0.00	24.98 0.80 0.00
INDECK___ILION 23567	22.22 0.18 0.00	20.38 0.14 0.00	19.89 0.16 0.00	19.83 0.14 0.00	20.48 0.14 0.00	22.77 0.18 0.00	27.08 0.24 0.00	28.32 0.31 0.00	29.42 0.32 0.00	29.60 0.35 0.00	30.00 0.36 0.00	30.45 0.36 0.00	29.81 0.32 0.00	28.97 0.29 0.00	27.93 0.28 0.00	28.78 0.31 0.00	34.19 0.44 0.00	38.53 0.64 0.00	34.69 0.48 0.00	31.74 0.41 0.00	28.70 0.34 0.00	26.90 0.35 0.00	25.49 0.33 0.00	24.50 0.31 0.00
INDECK___OLEAN 23982	22.92 0.88 0.00	21.23 0.99 0.00	20.50 0.77 0.00	20.43 0.73 0.00	21.15 0.81 0.00	23.51 0.93 0.00	27.80 0.96 0.00	28.21 0.20 0.00	29.24 0.15 0.00	29.34 0.09 0.00	29.64 0.00 0.00	29.97 -0.12 0.00	29.24 -0.24 0.00	28.25 -0.43 0.00	27.27 -0.39 0.00	28.18 -0.28 0.00	33.11 -0.64 0.00	37.58 -0.30 0.00	34.24 0.03 0.00	31.30 -0.03 0.00	28.64 0.28 0.00	26.51 -0.05 0.00	25.19 0.03 0.00	24.43 0.24 0.00
INDECK___OSWEGO 23783	21.64 -0.40 0.00	19.87 -0.36 0.00	19.35 -0.38 0.00	19.28 -0.41 0.00	19.93 -0.41 0.00	22.16 -0.43 0.00	26.27 -0.56 0.00	27.26 -0.76 0.00	28.28 -0.81 0.00	28.46 -0.79 0.00	28.87 -0.77 0.00	29.28 -0.81 0.00	28.66 -0.83 0.00	27.88 -0.80 0.00	26.88 -0.77 0.00	27.69 -0.77 0.00	32.84 -0.91 0.00	37.05 -0.83 0.00	33.46 -0.75 0.00	30.58 -0.75 0.00	27.71 -0.65 0.00	25.90 -0.66 0.00	24.51 -0.65 0.00	23.61 -0.58 0.00
INDECK___YERKES 23781	22.15 0.11 0.00	20.58 0.34 0.00	19.89 0.16 0.00	19.80 0.10 0.00	20.49 0.16 0.00	22.81 0.23 0.00	26.89 0.05 0.00	27.09 -0.92 0.00	28.08 -1.02 0.00	28.23 -1.02 0.00	28.58 -1.07 0.00	28.94 -1.14 0.00	28.24 -1.24 0.00	27.25 -1.43 0.00	26.19 -1.47 0.00	27.12 -1.34 0.00	31.66 -2.09 0.00	35.80 -2.08 0.00	32.74 -1.47 0.00	29.93 -1.41 0.00	27.42 -0.94 0.00	25.36 -1.19 0.00	24.16 -1.01 0.00	23.51 -0.68 0.00
INDIAN POINT_GT_1 24139	22.88 0.84 0.00	20.96 0.73 0.00	20.40 0.67 0.00	20.31 0.61 0.00	20.92 0.59 0.00	23.17 0.59 0.00	27.72 0.89 0.00	29.22 1.20 0.00	30.46 1.37 0.00	30.57 1.32 0.00	30.95 1.30 0.00	31.41 1.32 0.00	30.84 1.36 0.00	30.03 1.35 0.00	29.09 1.44 0.00	29.97 1.51 0.00	35.74 1.99 0.00	40.53 2.65 0.00	36.36 2.16 0.00	33.09 1.75 0.00	29.75 1.39 0.00	27.83 1.27 0.00	26.19 1.03 0.00	25.13 0.94 0.00
INDIAN POINT_GT_2 23659	22.88 0.84 0.00	20.96 0.73 0.00	20.40 0.67 0.00	20.31 0.61 0.00	20.92 0.59 0.00	23.17 0.59 0.00	27.72 0.89 0.00	29.22 1.20 0.00	30.46 1.37 0.00	30.57 1.32 0.00	30.95 1.30 0.00	31.41 1.32 0.00	30.84 1.36 0.00	30.03 1.35 0.00	29.09 1.44 0.00	29.97 1.51 0.00	35.74 1.99 0.00	40.53 2.65 0.00	36.36 2.16 0.00	33.09 1.75 0.00	29.75 1.39 0.00	27.83 1.27 0.00	26.19 1.03 0.00	25.13 0.94 0.00
INDIAN POINT_GT_3 24019	22.88 0.84 0.00	20.96 0.73 0.00	20.40 0.67 0.00	20.31 0.61 0.00	20.92 0.59 0.00	23.17 0.59 0.00	27.72 0.89 0.00	29.22 1.20 0.00	30.46 1.37 0.00	30.57 1.32 0.00	30.95 1.30 0.00	31.41 1.32 0.00	30.84 1.36 0.00	30.03 1.35 0.00	29.09 1.44 0.00	29.97 1.51 0.00	35.74 1.99 0.00	40.53 2.65 0.00	36.36 2.16 0.00	33.09 1.75 0.00	29.75 1.39 0.00	27.83 1.27 0.00	26.19 1.03 0.00	25.13 0.94 0.00
INDIAN POINT___2 23530	22.86 0.82 0.00	20.90 0.67 0.00	20.38 0.65 0.00	20.29 0.59 0.00	20.90 0.57 0.00	23.15 0.56 0.00	27.72 0.88 0.00	29.19 1.18 0.00	30.46 1.37 0.00	30.60 1.35 0.00	30.89 1.24 0.00	31.32 1.23 0.00	30.75 1.27 0.00	30.00 1.32 0.00	29.03 1.38 0.00	29.86 1.39 0.00	35.71 1.96 0.00	40.53 2.65 0.00	36.37 2.16 0.00	33.06 1.72 0.00	29.75 1.39 0.00	27.83 1.27 0.00	26.35 1.18 0.00	25.20 1.02 0.00
INDIAN POINT___3 23531	22.85 0.82 0.00	20.94 0.71 0.00	20.38 0.65 0.00	20.31 0.61 0.00	20.90 0.57 0.00	23.15 0.56 0.00	27.72 0.89 0.00	29.19 1.18 0.00	30.44 1.34 0.00	30.54 1.29 0.00	30.92 1.27 0.00	31.38 1.29 0.00	30.81 1.33 0.00	30.00 1.32 0.00	29.06 1.41 0.00	29.91 1.45 0.00	35.71 1.96 0.00	40.50 2.61 0.00	36.30 2.09 0.00	33.06 1.72 0.00	29.72 1.36 0.00	27.83 1.27 0.00	26.19 1.03 0.00	25.13 0.94 0.00
INGHAM_C_115KV_TB7 356103	22.22 0.18 0.00	20.38 0.14 0.00	19.91 0.18 0.00	19.85 0.16 0.00	20.52 0.18 0.00	22.81 0.23 0.00	27.16 0.32 0.00	28.41 0.39 0.00	29.53 0.44 0.00	29.72 0.47 0.00	30.12 0.47 0.00	30.51 0.42 0.00	29.84 0.35 0.00	28.97 0.29 0.00	27.90 0.25 0.00	28.75 0.28 0.00	34.15 0.40 0.00	38.49 0.61 0.00	34.69 0.48 0.00	31.74 0.41 0.00	28.70 0.34 0.00	26.96 0.40 0.00	25.56 0.40 0.00	24.60 0.41 0.00
IP CORINTH___1 23988	23.03 0.99 0.00	21.11 0.87 0.00	20.54 0.81 0.00	20.50 0.81 0.00	20.98 0.65 0.00	23.35 0.77 0.00	27.83 0.99 0.00	29.11 1.09 0.00	30.26 1.16 0.00	30.54 1.29 0.00	31.06 1.42 0.00	31.59 1.50 0.00	30.87 1.39 0.00	30.00 1.32 0.00	28.95 1.30 0.00	29.89 1.42 0.00	35.64 1.89 0.00	40.31 2.42 0.00	36.09 1.88 0.00	32.90 1.57 0.00	29.69 1.33 0.00	27.73 1.17 0.00	26.07 0.91 0.00	24.96 0.77 0.00
IP___TICONDEROGA 23804	23.56 1.52 0.00	21.55 1.32 0.00	20.97 1.24 0.00	20.96 1.26 0.00	21.49 1.16 0.00	23.96 1.38 0.00	28.61 1.77 0.00	30.03 2.02 0.00	31.28 2.18 0.00	31.68 2.43 0.00	32.22 2.58 0.00	32.80 2.71 0.00	31.96 2.48 0.00	31.03 2.35 0.00	30.00 2.35 0.00	30.91 2.45 0.00	36.92 3.17 0.00	41.78 3.90 0.00	37.39 3.18 0.00	34.03 2.69 0.00	30.71 2.35 0.00	28.60 2.05 0.00	26.80 1.64 0.00	25.64 1.45 0.00
ISLIP_RES_REC 323679	23.74 1.70 0.00	21.77 1.54 0.00	21.19 1.46 0.00	21.08 1.38 0.00	21.78 1.44 0.00	24.17 1.58 0.00	29.12 2.28 0.00	34.64 2.72 -3.90	35.43 2.94 -3.40	33.47 2.63 -1.59	36.53 2.52 -4.37	38.72 2.50 -6.14	37.62 2.50 -5.64	37.94 2.49 -6.76	35.57 2.57 -5.34	39.43 2.65 -8.32	47.98 3.71 -10.52	55.62 4.70 -13.05	55.57 4.00 -17.36	43.01 3.29 -8.39	40.70 2.72 -9.62	36.74 2.47 -7.72	30.71 2.34 -3.20	28.02 2.20 -1.64

JAMAICA__27_KV_LOAD 355505	23.16 1.12 0.00	21.21 0.97 0.00	20.62 0.89 0.00	20.52 0.83 0.00	21.13 0.79 0.00	23.44 0.86 0.00	28.20 1.37 0.00	29.81 1.79 0.00	31.10 2.01 0.00	31.18 1.93 0.00	31.48 1.84 0.00	31.92 1.84 0.00	31.40 1.92 0.00	30.60 1.92 0.00	29.70 2.05 0.00	30.48 2.02 0.00	36.48 2.73 0.00	41.41 3.52 0.00	37.15 2.94 0.00	33.81 2.48 0.00	30.29 1.93 0.00	28.34 1.78 0.00	26.60 1.43 0.00	25.49 1.31 0.00
JANIS__SOLAR 323808	23.32 1.28 0.00	21.41 1.17 0.00	20.83 1.10 0.00	20.76 1.06 0.00	21.49 1.16 0.00	24.01 1.42 0.00	28.61 1.77 0.00	29.81 1.79 0.00	30.90 1.80 0.00	31.15 1.90 0.00	31.60 1.96 0.00	31.89 1.81 0.00	31.07 1.59 0.00	30.11 1.43 0.00	29.06 1.41 0.00	30.06 1.59 0.00	35.77 2.02 0.00	40.61 2.73 0.00	36.74 2.53 0.00	33.53 2.19 0.00	30.43 2.07 0.00	28.31 1.75 0.00	26.67 1.51 0.00	25.64 1.45 0.00
JARVIS____ 23743	22.11 0.07 0.00	20.30 0.06 0.00	19.79 0.06 0.00	19.76 0.06 0.00	20.37 0.04 0.00	22.63 0.05 0.00	26.89 0.05 0.00	28.10 0.08 0.00	29.18 0.09 0.00	29.37 0.12 0.00	29.76 0.12 0.00	30.21 0.12 0.00	29.60 0.12 0.00	28.80 0.12 0.00	27.76 0.11 0.00	28.61 0.14 0.00	33.99 0.24 0.00	38.26 0.38 0.00	34.48 0.27 0.00	31.52 0.19 0.00	28.50 0.14 0.00	26.69 0.13 0.00	25.31 0.15 0.00	24.31 0.12 0.00
JENNISON____1 23625	23.47 1.43 0.00	21.51 1.27 0.00	20.97 1.24 0.00	20.90 1.20 0.00	21.59 1.26 0.00	24.10 1.51 0.00	28.74 1.91 0.00	29.95 1.93 0.00	31.10 2.01 0.00	31.44 2.19 0.00	31.89 2.25 0.00	32.25 2.17 0.00	31.52 2.03 0.00	30.60 1.92 0.00	29.45 1.80 0.00	30.34 1.88 0.00	36.14 2.40 0.00	41.03 3.14 0.00	36.98 2.77 0.00	33.78 2.44 0.00	30.65 2.30 0.00	28.55 1.99 0.00	26.90 1.74 0.00	25.83 1.64 0.00
JENNISON____2 23626	23.47 1.43 0.00	21.51 1.27 0.00	20.97 1.24 0.00	20.90 1.20 0.00	21.59 1.26 0.00	24.10 1.51 0.00	28.74 1.91 0.00	29.95 1.93 0.00	31.10 2.01 0.00	31.44 2.19 0.00	31.89 2.25 0.00	32.25 2.17 0.00	31.52 2.03 0.00	30.60 1.92 0.00	29.45 1.80 0.00	30.34 1.88 0.00	36.14 2.40 0.00	41.03 3.14 0.00	36.98 2.77 0.00	33.78 2.44 0.00	30.65 2.30 0.00	28.55 1.99 0.00	26.90 1.74 0.00	25.83 1.64 0.00
JERICOHO_RISE_WT_PWR 323719	21.22 -0.82 0.00	19.55 -0.69 0.00	19.20 -0.53 0.00	19.50 -0.20 0.00	20.31 -0.02 0.00	22.75 0.16 0.00	27.00 0.16 0.00	28.24 0.22 0.00	29.39 0.29 0.00	29.51 0.26 0.00	29.58 -0.06 0.00	30.27 0.18 0.00	29.72 0.23 0.00	28.91 0.23 0.00	27.65 0.00 0.00	27.86 -0.60 0.00	32.40 -1.35 0.00	35.80 -2.08 0.00	32.33 -1.88 0.00	-2.25 -1.57 32.02	27.00 -1.36 0.00	25.50 -1.06 0.00	24.33 -0.83 0.00	23.63 -0.56 0.00
KATONAH__115KV_46KV_TB4 355592	23.01 0.97 0.00	21.11 0.87 0.00	20.52 0.79 0.00	20.46 0.77 0.00	21.04 0.71 0.00	23.29 0.70 0.00	27.86 1.02 0.00	29.39 1.37 0.00	30.70 1.60 0.00	30.80 1.55 0.00	31.24 1.60 0.00	31.74 1.65 0.00	31.10 1.62 0.00	30.32 1.63 0.00	29.31 1.66 0.00	30.26 1.79 0.00	36.08 2.33 0.00	40.95 3.07 0.00	36.71 2.50 0.00	33.37 2.04 0.00	30.00 1.64 0.00	28.05 1.49 0.00	26.35 1.18 0.00	25.27 1.09 0.00
KCE_NY_1 323755	22.88 0.84 0.00	20.98 0.75 0.00	20.44 0.71 0.00	20.39 0.69 0.00	20.96 0.63 0.00	23.31 0.72 0.00	27.75 0.91 0.00	29.14 1.12 0.00	30.29 1.19 0.00	30.51 1.26 0.00	31.01 1.36 0.00	31.50 1.41 0.00	30.81 1.33 0.00	29.97 1.29 0.00	28.93 1.27 0.00	29.83 1.37 0.00	35.57 1.82 0.00	40.23 2.35 0.00	36.06 1.85 0.00	32.87 1.54 0.00	29.66 1.31 0.00	27.78 1.22 0.00	26.24 1.08 0.00	25.08 0.90 0.00
KCE_NY_6_ESR 323823	22.44 0.40 0.00	20.82 0.59 0.00	20.12 0.39 0.00	20.05 0.35 0.00	20.76 0.43 0.00	23.08 0.50 0.00	27.24 0.40 0.00	27.51 -0.50 0.00	28.52 -0.58 0.00	28.64 -0.62 0.00	28.99 -0.65 0.00	29.34 -0.75 0.00	28.63 -0.86 0.00	27.62 -1.06 0.00	26.57 -1.08 0.00	27.49 -0.97 0.00	32.16 -1.59 0.00	36.40 -1.48 0.00	33.25 -0.96 0.00	30.40 -0.94 0.00	27.85 -0.51 0.00	25.76 -0.80 0.00	24.51 -0.65 0.00	23.85 -0.34 0.00
KEDC PORT_JEFF_GT2 24210	23.60 1.56 0.00	21.65 1.42 0.00	21.09 1.36 0.00	20.96 1.26 0.00	21.65 1.32 0.00	24.01 1.42 0.00	28.93 1.64 0.00	34.41 2.09 -3.90	35.20 2.71 -3.40	33.24 2.40 -1.59	36.30 2.28 -4.37	38.48 2.26 -6.14	37.39 2.27 -5.64	37.74 2.30 -6.76	35.35 2.35 -5.34	39.20 2.42 -8.32	47.64 3.37 -10.52	55.24 4.32 -13.05	55.23 3.66 -17.36	42.73 3.01 -8.39	40.44 2.47 -9.62	36.56 2.28 -7.72	30.53 2.16 -3.20	27.88 2.05 -1.64
KEDC PORT_JEFF_GT3 24211	23.60 1.56 0.00	21.65 1.42 0.00	21.09 1.36 0.00	20.96 1.26 0.00	21.65 1.32 0.00	24.01 1.42 0.00	28.93 2.09 0.00	34.41 2.49 -3.90	35.20 2.71 -3.40	33.24 2.40 -1.59	36.30 2.28 -4.37	38.48 2.26 -6.14	37.39 2.27 -5.64	37.74 2.30 -6.76	35.35 2.35 -5.34	39.20 2.42 -8.32	47.64 3.37 -10.52	55.24 4.32 -13.05	55.23 3.66 -17.36	42.73 3.01 -8.39	40.44 2.47 -9.62	36.56 2.28 -7.72	30.53 2.16 -3.20	27.88 2.05 -1.64
KEDC_GLWD_GT4 24219	23.32 1.28 0.00	21.31 1.07 0.00	20.77 1.04 0.00	20.66 0.96 0.00	21.33 1.00 0.00	23.67 1.08 0.00	28.47 1.64 0.00	33.91 1.99 -3.90	34.71 2.21 -3.40	33.06 2.22 -1.59	36.12 2.10 -4.37	38.36 2.14 -6.14	37.27 2.15 -5.64	37.62 2.18 -6.76	35.21 2.21 -5.34	39.03 2.25 -8.32	47.27 3.00 -10.52	54.56 3.64 -13.05	54.61 3.04 -17.36	42.36 2.63 -8.39	40.16 2.18 -9.62	36.29 2.02 -7.72	30.23 1.86 -3.20	27.49 1.67 -1.64
KEDC_GLWD_GT5 24220	23.32 1.28 0.00	21.31 1.07 0.00	20.77 1.04 0.00	20.66 0.96 0.00	21.33 1.00 0.00	23.67 1.08 0.00	28.47 1.64 0.00	33.91 1.99 -3.90	34.71 2.21 -3.40	33.06 2.22 -1.59	36.12 2.10 -4.37	38.36 2.14 -6.14	37.27 2.15 -5.64	37.62 2.18 -6.76	35.21 2.21 -5.34	39.03 2.25 -8.32	47.27 3.00 -10.52	54.56 3.64 -13.05	54.61 3.04 -17.36	42.36 2.63 -8.39	40.16 2.18 -9.62	36.29 2.02 -7.72	30.23 1.86 -3.20	27.49 1.67 -1.64
KENSICO____ 23655	22.92 0.88 0.00	21.02 0.79 0.00	20.44 0.71 0.00	20.37 0.67 0.00	20.96 0.63 0.00	23.22 0.63 0.00	27.83 0.99 0.00	29.33 1.32 0.00	30.58 1.48 0.00	30.65 1.40 0.00	31.03 1.39 0.00	31.50 1.41 0.00	30.93 1.44 0.00	30.14 1.46 0.00	29.20 1.55 0.00	30.06 1.59 0.00	35.87 2.13 0.00	40.69 2.80 0.00	36.47 2.26 0.00	33.18 1.85 0.00	29.83 1.47 0.00	27.91 1.35 0.00	26.27 1.11 0.00	25.23 1.04 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	23.05 1.01 0.00	21.13 0.89 0.00	20.54 0.81 0.00	20.46 0.77 0.00	21.11 0.77 0.00	23.35 0.77 0.00	27.99 1.15 0.00	29.36 1.34 0.00	30.55 1.45 0.00	30.65 1.40 0.00	31.00 1.36 0.00	31.47 1.38 0.00	30.84 1.36 0.00	30.09 1.41 0.00	29.12 1.47 0.00	30.06 1.59 0.00	35.91 2.16 0.00	40.84 2.95 0.00	36.64 2.43 0.00	33.37 2.04 0.00	30.03 1.67 0.00	28.07 1.51 0.00	26.42 1.26 0.00	25.35 1.16 0.00

KIAC_JFK_GT1 23816	23.10 1.06 0.00	21.15 0.91 0.00	20.56 0.83 0.00	20.46 0.77 0.00	21.06 0.73 0.00	23.38 0.79 0.00	28.12 1.29 0.00	29.70 1.68 0.00	31.02 1.92 0.00	31.09 1.84 0.00	31.39 1.75 0.00	31.83 1.75 0.00	31.31 1.83 0.00	30.52 1.84 0.00	29.62 1.96 0.00	30.40 1.94 0.00	36.38 2.63 0.00	41.29 3.41 0.00	37.05 2.84 0.00	33.72 2.38 0.00	30.20 1.84 0.00	28.26 1.70 0.00	26.52 1.36 0.00	25.42 1.23 0.00
KIAC_JFK_GT2 23817	23.10 1.06 0.00	21.15 0.91 0.00	20.56 0.83 0.00	20.46 0.77 0.00	21.06 0.73 0.00	23.38 0.79 0.00	28.12 1.29 0.00	29.70 1.68 0.00	31.02 1.92 0.00	31.09 1.84 0.00	31.39 1.75 0.00	31.83 1.75 0.00	31.31 1.83 0.00	30.52 1.84 0.00	29.62 1.96 0.00	30.40 1.94 0.00	36.38 2.63 0.00	41.29 3.41 0.00	37.05 2.84 0.00	33.72 2.38 0.00	30.20 1.84 0.00	28.26 1.70 0.00	26.52 1.36 0.00	25.42 1.23 0.00
KIAC_JFK____ 323774	23.10 1.06 0.00	21.07 0.83 0.00	20.56 0.83 0.00	20.46 0.77 0.00	21.06 0.73 0.00	23.38 0.79 0.00	28.15 1.31 0.00	29.73 1.71 0.00	31.05 1.95 0.00	31.18 1.93 0.00	31.39 1.75 0.00	31.80 1.71 0.00	31.28 1.80 0.00	30.52 1.84 0.00	29.59 1.94 0.00	30.37 1.91 0.00	36.41 2.67 0.00	41.33 3.45 0.00	37.08 2.87 0.00	33.71 2.38 0.00	30.23 1.87 0.00	28.28 1.73 0.00	26.70 1.54 0.00	25.52 1.33 0.00
KINTIGH____ 23543	21.75 -0.29 0.00	19.99 -0.24 0.00	19.53 -0.20 0.00	19.46 -0.24 0.00	20.13 -0.20 0.00	22.38 -0.20 0.00	26.46 -0.38 0.00	26.76 -1.26 0.00	27.82 -1.28 0.00	28.02 -1.23 0.00	28.19 -1.45 0.00	28.37 -1.71 0.00	27.86 -1.62 0.00	27.07 -1.61 0.00	25.88 -1.77 0.00	26.61 -1.85 0.00	31.52 -2.23 0.00	35.61 -2.27 0.00	32.12 -2.09 0.00	29.64 -1.69 0.00	27.14 -1.22 0.00	25.18 -1.38 0.00	23.98 -1.18 0.00	23.22 -0.97 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	21.40 -0.64 0.00	19.73 -0.51 0.00	19.37 -0.36 0.00	19.70 0.00 0.00	20.52 0.18 0.00	23.02 0.43 0.00	27.32 0.48 0.00	28.66 0.64 0.00	29.82 0.73 0.00	29.95 0.70 0.00	30.03 0.39 0.00	30.69 0.60 0.00	30.16 0.68 0.00	29.40 0.72 0.00	28.12 0.47 0.00	28.38 -0.09 0.00	32.97 -0.78 0.00	36.52 -1.36 0.00	33.05 -1.16 0.00	0.04 -0.94 30.35	27.54 -0.82 0.00	25.97 -0.58 0.00	24.73 -0.43 0.00	24.04 -0.15 0.00
LACHUTE____HYDRO 323717	23.56 1.52 0.00	21.55 1.31 0.00	20.97 1.24 0.00	20.96 1.26 0.00	21.49 1.16 0.00	23.96 1.38 0.00	28.61 1.77 0.00	30.03 2.02 0.00	31.31 2.21 0.00	31.68 2.43 0.00	32.19 2.55 0.00	32.76 2.68 0.00	31.93 2.45 0.00	31.00 2.32 0.00	29.98 2.32 0.00	30.88 2.42 0.00	36.92 3.17 0.00	41.79 3.90 0.00	37.46 3.25 0.00	34.03 2.70 0.00	30.68 2.33 0.00	28.63 2.07 0.00	26.90 1.73 0.00	25.66 1.48 0.00
LAWRNCV_115KV_TB1 80681	21.77 -0.26 0.00	19.99 -0.24 0.00	19.55 -0.18 0.00	19.62 -0.08 0.00	20.29 -0.04 0.00	22.41 -0.18 0.00	26.49 -0.35 0.00	27.74 -0.28 0.00	28.81 -0.29 0.00	28.99 -0.26 0.00	29.34 -0.30 0.00	29.97 -0.12 0.00	29.36 -0.12 0.00	28.54 -0.14 0.00	27.43 -0.22 0.00	28.15 -0.31 0.00	32.77 -0.98 0.00	36.33 -1.55 0.00	33.05 -1.16 0.00	34.29 -0.88 -3.83	27.73 -0.62 0.00	26.00 -0.56 0.00	24.73 -0.43 0.00	23.90 -0.29 0.00
LEDERLE____ 23769	22.92 0.88 0.00	21.00 0.77 0.00	20.44 0.71 0.00	20.35 0.65 0.00	20.96 0.63 0.00	23.22 0.63 0.00	27.80 0.97 0.00	29.31 1.29 0.00	30.52 1.43 0.00	30.65 1.40 0.00	31.03 1.39 0.00	31.50 1.41 0.00	30.90 1.42 0.00	30.11 1.43 0.00	29.17 1.52 0.00	30.03 1.57 0.00	35.81 2.06 0.00	40.65 2.77 0.00	36.47 2.26 0.00	33.18 1.85 0.00	29.86 1.50 0.00	27.94 1.38 0.00	26.27 1.11 0.00	25.20 1.02 0.00
LIGHTHSE_115KV_TB6 355974	21.80 -0.24 0.00	19.99 -0.24 0.00	19.49 -0.24 0.00	19.44 -0.26 0.00	20.09 -0.24 0.00	22.36 -0.23 0.00	26.51 -0.32 0.00	27.57 -0.45 0.00	28.57 -0.52 0.00	28.78 -0.47 0.00	29.17 -0.47 0.00	29.55 -0.54 0.00	28.92 -0.56 0.00	28.14 -0.54 0.00	27.13 -0.53 0.00	27.95 -0.51 0.00	33.14 -0.61 0.00	37.50 -0.38 0.00	33.80 -0.41 0.00	30.93 -0.41 0.00	28.07 -0.28 0.00	26.24 -0.32 0.00	24.84 -0.33 0.00	23.85 -0.34 0.00
LINDEN COGEN____ 23786	22.92 0.88 0.00	20.92 0.69 0.00	20.42 0.69 0.00	20.33 0.63 0.00	20.92 0.59 0.00	23.17 0.59 0.00	27.83 0.99 0.00	29.33 1.32 0.00	30.61 1.51 0.00	30.74 1.49 0.00	30.98 1.34 0.00	31.41 1.32 0.00	30.90 1.42 0.00	30.11 1.43 0.00	29.20 1.55 0.00	30.00 1.54 0.00	35.88 2.13 0.00	40.72 2.84 0.00	36.50 2.29 0.00	33.18 1.85 0.00	29.83 1.47 0.00	27.94 1.38 0.00	26.42 1.26 0.00	25.28 1.09 0.00
LINDHRST_69_KV_BK1 356055	23.63 1.59 0.00	21.67 1.44 0.00	21.05 1.32 0.00	20.94 1.24 0.00	21.61 1.28 0.00	24.05 1.47 0.00	28.90 2.07 0.00	34.36 2.44 -3.90	35.15 2.65 -3.40	33.33 2.49 -1.59	36.48 2.46 -4.37	38.69 2.47 -6.14	37.60 2.48 -5.64	37.91 2.47 -6.76	35.54 2.54 -5.34	39.40 2.62 -8.32	47.78 3.51 -10.52	55.32 4.39 -13.05	55.30 3.73 -17.36	42.86 3.13 -8.39	40.55 2.58 -9.62	36.64 2.36 -7.72	30.43 2.06 -3.20	27.81 1.98 -1.64
LIPA_MISC_IPP 23656	23.58 1.54 0.00	21.73 1.50 0.00	21.11 1.38 0.00	20.98 1.28 0.00	21.67 1.34 0.00	24.05 1.47 0.00	28.88 2.04 0.00	34.36 2.44 -3.90	35.12 2.62 -3.40	33.00 2.16 -1.59	36.12 2.10 -4.37	38.33 2.11 -6.14	37.24 2.12 -5.64	37.54 2.09 -6.76	35.21 2.21 -5.34	39.06 2.28 -8.32	47.44 3.17 -10.52	55.02 4.09 -13.05	54.99 3.42 -17.36	42.54 2.82 -8.39	40.21 2.24 -9.62	36.35 2.07 -7.72	30.23 1.86 -3.20	27.73 1.91 -1.64
LISF__SOLAR 323691	23.63 1.59 0.00	21.71 1.48 0.00	21.15 1.42 0.00	21.02 1.32 0.00	21.72 1.38 0.00	24.05 1.47 0.00	28.96 2.12 0.00	34.44 2.52 -3.90	35.23 2.73 -3.40	33.12 2.28 -1.59	36.15 2.14 -4.37	38.33 2.11 -6.14	37.24 2.12 -5.64	37.60 2.15 -6.76	35.21 2.21 -5.34	39.06 2.28 -8.32	47.54 3.27 -10.52	55.13 4.20 -13.05	55.16 3.59 -17.36	42.61 2.88 -8.39	40.33 2.35 -9.62	36.45 2.18 -7.72	30.45 2.09 -3.20	27.88 2.05 -1.64
LITTLE FALLS____HYD 24013	22.22 0.18 0.00	20.38 0.14 0.00	19.91 0.18 0.00	19.85 0.16 0.00	20.52 0.18 0.00	22.81 0.23 0.00	27.16 0.32 0.00	28.41 0.39 0.00	29.53 0.44 0.00	29.72 0.47 0.00	30.12 0.47 0.00	30.51 0.42 0.00	29.84 0.35 0.00	28.97 0.29 0.00	27.90 0.25 0.00	28.75 0.28 0.00	34.15 0.40 0.00	38.49 0.61 0.00	34.69 0.48 0.00	31.74 0.41 0.00	28.70 0.34 0.00	26.96 0.40 0.00	25.56 0.40 0.00	24.60 0.41 0.00
LITTLRIV_115KV_TB1 356100	21.95 -0.09 0.00	20.15 -0.08 0.00	19.71 -0.02 0.00	19.78 0.08 0.00	20.45 0.12 0.00	22.61 0.02 0.00	26.78 -0.05 0.00	28.10 0.08 0.00	29.18 0.09 0.00	29.43 0.18 0.00	29.79 0.15 0.00	30.42 0.33 0.00	29.86 0.38 0.00	29.00 0.32 0.00	27.85 0.19 0.00	28.55 0.09 0.00	33.28 -0.47 0.00	36.86 -1.02 0.00	33.56 -0.65 0.00	35.14 -0.44 -4.24	28.16 -0.20 0.00	26.37 -0.19 0.00	25.04 -0.13 0.00	24.16 -0.02 0.00

LI_NEWBRDGE___DRP 323616	23.16 1.12 0.00	21.23 0.99 0.00	20.64 0.91 0.00	20.52 0.83 0.00	21.17 0.83 0.00	23.51 0.93 0.00	28.23 1.40 0.00	33.63 1.71 -3.90	34.39 1.89 -3.40	32.68 1.84 -1.59	35.82 1.81 -4.37	38.06 1.84 -6.14	36.98 1.86 -5.64	37.31 1.86 -6.76	34.93 1.94 -5.34	38.77 1.99 -8.32	46.83 2.56 -10.52	54.26 3.33 -13.05	54.30 2.74 -17.36	42.01 2.29 -8.39	39.85 1.87 -9.62	36.03 1.75 -7.72	29.82 1.46 -3.20	27.20 1.38 -1.64
LOCKPORT_115KV_TB60_63_64 80432	21.93 -0.11 0.00	20.19 -0.04 0.00	19.73 0.00 0.00	19.62 -0.08 0.00	20.31 -0.02 0.00	22.59 0.00 0.00	26.68 -0.16 0.00	26.76 -1.26 0.00	27.85 -1.25 0.00	28.02 -1.23 0.00	28.16 -1.48 0.00	28.34 -1.75 0.00	27.80 -1.68 0.00	26.99 -1.69 0.00	25.77 -1.88 0.00	26.50 -1.96 0.00	31.39 -2.36 0.00	35.50 -2.39 0.00	32.02 -2.19 0.00	29.61 -1.72 0.00	27.20 -1.16 0.00	25.18 -1.38 0.00	23.98 -1.18 0.00	23.29 -0.89 0.00
LOCKPORT___CC1 323769	21.93 -0.11 0.00	20.38 0.14 0.00	19.75 0.02 0.00	19.66 -0.04 0.00	20.35 0.02 0.00	22.61 0.02 0.00	26.68 -0.16 0.00	26.87 -1.15 0.00	27.85 -1.25 0.00	27.99 -1.26 0.00	28.34 -1.30 0.00	28.67 -1.41 0.00	27.98 -1.50 0.00	26.99 -1.69 0.00	25.96 -1.69 0.00	26.90 -1.57 0.00	31.39 -2.36 0.00	35.50 -2.39 0.00	32.47 -1.74 0.00	29.67 -1.66 0.00	27.19 -1.16 0.00	25.15 -1.41 0.00	23.93 -1.23 0.00	23.34 -0.85 0.00
LOCKPORT___CC2 323770	21.93 -0.11 0.00	20.38 0.14 0.00	19.75 0.02 0.00	19.66 -0.04 0.00	20.35 0.02 0.00	22.61 0.02 0.00	26.68 -0.16 0.00	26.87 -1.15 0.00	27.85 -1.25 0.00	27.99 -1.26 0.00	28.34 -1.30 0.00	28.67 -1.41 0.00	27.98 -1.50 0.00	26.99 -1.69 0.00	25.96 -1.69 0.00	26.90 -1.57 0.00	31.39 -2.36 0.00	35.50 -2.39 0.00	32.47 -1.74 0.00	29.67 -1.66 0.00	27.19 -1.16 0.00	25.15 -1.41 0.00	23.93 -1.23 0.00	23.34 -0.85 0.00
LOCKPORT___CC3 323771	21.93 -0.11 0.00	20.38 0.14 0.00	19.75 0.02 0.00	19.66 -0.04 0.00	20.35 0.02 0.00	22.61 0.02 0.00	26.68 -0.16 0.00	26.87 -1.15 0.00	27.85 -1.25 0.00	27.99 -1.26 0.00	28.34 -1.30 0.00	28.67 -1.41 0.00	27.98 -1.50 0.00	26.99 -1.69 0.00	25.96 -1.69 0.00	26.90 -1.57 0.00	31.39 -2.36 0.00	35.50 -2.39 0.00	32.47 -1.74 0.00	29.67 -1.66 0.00	27.19 -1.16 0.00	25.15 -1.41 0.00	23.93 -1.23 0.00	23.34 -0.85 0.00
LONG_LAKE_PHOENIX 24014	21.71 -0.33 0.00	19.91 -0.32 0.00	19.41 -0.32 0.00	19.34 -0.35 0.00	19.99 -0.35 0.00	22.22 -0.36 0.00	26.38 -0.46 0.00	27.40 -0.62 0.00	28.43 -0.67 0.00	28.64 -0.61 0.00	28.99 -0.65 0.00	29.40 -0.69 0.00	28.80 -0.68 0.00	28.02 -0.66 0.00	27.02 -0.64 0.00	27.81 -0.65 0.00	33.01 -0.74 0.00	37.28 -0.61 0.00	33.59 -0.62 0.00	30.74 -0.60 0.00	27.88 -0.48 0.00	26.05 -0.50 0.00	24.73 -0.43 0.00	23.78 -0.41 0.00
LOVETT___3 23632	22.83 0.79 0.00	20.92 0.69 0.00	20.36 0.63 0.00	20.27 0.57 0.00	20.88 0.55 0.00	23.13 0.54 0.00	27.69 0.86 0.00	29.17 1.15 0.00	30.38 1.28 0.00	30.51 1.26 0.00	30.86 1.22 0.00	31.32 1.23 0.00	30.75 1.27 0.00	29.97 1.29 0.00	29.04 1.38 0.00	29.89 1.42 0.00	35.64 1.89 0.00	40.42 2.54 0.00	36.26 2.05 0.00	33.00 1.66 0.00	29.69 1.33 0.00	27.78 1.22 0.00	26.14 0.98 0.00	25.11 0.92 0.00
LOVETT___4 23642	22.83 0.79 0.00	20.92 0.69 0.00	20.36 0.63 0.00	20.27 0.57 0.00	20.88 0.55 0.00	23.13 0.54 0.00	27.69 0.86 0.00	29.17 1.15 0.00	30.38 1.28 0.00	30.51 1.26 0.00	30.86 1.22 0.00	31.32 1.23 0.00	30.75 1.27 0.00	29.97 1.29 0.00	29.04 1.38 0.00	29.89 1.42 0.00	35.64 1.89 0.00	40.42 2.54 0.00	36.26 2.05 0.00	33.00 1.66 0.00	29.69 1.33 0.00	27.78 1.22 0.00	26.14 0.98 0.00	25.11 0.92 0.00
LOVETT___5 23593	22.83 0.79 0.00	20.92 0.69 0.00	20.36 0.63 0.00	20.27 0.57 0.00	20.88 0.55 0.00	23.13 0.54 0.00	27.69 0.86 0.00	29.17 1.15 0.00	30.38 1.28 0.00	30.51 1.26 0.00	30.86 1.22 0.00	31.32 1.23 0.00	30.75 1.27 0.00	29.97 1.29 0.00	29.04 1.38 0.00	29.89 1.42 0.00	35.64 1.89 0.00	40.42 2.54 0.00	36.26 2.05 0.00	33.00 1.66 0.00	29.69 1.33 0.00	27.78 1.22 0.00	26.14 0.98 0.00	25.11 0.92 0.00
LOWER RAQUET___HYD 24057	21.69 -0.35 0.00	19.91 -0.32 0.00	19.47 -0.26 0.00	19.54 -0.16 0.00	20.23 -0.10 0.00	22.32 -0.27 0.00	26.35 -0.48 0.00	27.62 -0.39 0.00	28.69 -0.41 0.00	28.87 -0.38 0.00	29.20 -0.44 0.00	29.82 -0.27 0.00	29.24 -0.24 0.00	28.42 -0.26 0.00	27.32 -0.33 0.00	28.01 -0.46 0.00	32.57 -1.18 0.00	36.14 -1.74 0.00	32.74 -1.47 0.00	34.89 -1.07 -4.63	27.59 -0.76 0.00	25.87 -0.69 0.00	24.63 -0.53 0.00	23.80 -0.39 0.00
LOWER___HUDSON 24059	22.48 0.44 0.00	20.62 0.38 0.00	20.10 0.37 0.00	20.05 0.35 0.00	20.64 0.31 0.00	22.90 0.32 0.00	27.26 0.43 0.00	28.74 0.73 0.00	29.82 0.73 0.00	29.95 0.70 0.00	30.47 0.83 0.00	30.93 0.84 0.00	30.31 0.82 0.00	29.48 0.80 0.00	28.43 0.77 0.00	29.35 0.88 0.00	35.03 1.28 0.00	39.59 1.71 0.00	35.48 1.27 0.00	32.31 0.97 0.00	29.15 0.79 0.00	27.38 0.82 0.00	25.89 0.73 0.00	24.74 0.56 0.00
LOWVILLE_115KV_TB2 356335	22.08 0.04 0.00	20.24 0.00 0.00	19.77 0.04 0.00	19.72 0.02 0.00	20.41 0.08 0.00	22.72 0.14 0.00	27.02 0.19 0.00	28.24 0.22 0.00	29.24 0.15 0.00	29.51 0.26 0.00	29.67 0.03 0.00	30.06 -0.03 0.00	29.33 -0.15 0.00	28.54 -0.14 0.00	27.46 -0.19 0.00	28.32 -0.14 0.00	33.65 -0.10 0.00	38.00 0.11 0.00	34.35 0.14 0.00	32.80 0.13 -1.34	28.47 0.11 0.00	26.59 0.03 0.00	25.06 -0.10 0.00	24.07 -0.12 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	22.88 0.84 0.00	20.98 0.75 0.00	20.42 0.69 0.00	20.39 0.69 0.00	20.96 0.63 0.00	23.29 0.70 0.00	27.72 0.89 0.00	29.14 1.12 0.00	30.26 1.16 0.00	30.48 1.23 0.00	31.00 1.36 0.00	31.50 1.41 0.00	30.81 1.33 0.00	29.97 1.29 0.00	28.92 1.27 0.00	29.86 1.39 0.00	35.57 1.82 0.00	40.19 2.31 0.00	36.02 1.81 0.00	32.84 1.50 0.00	29.66 1.30 0.00	27.73 1.17 0.00	26.14 0.98 0.00	25.03 0.85 0.00
LUTHERNY_35_KV_BK2 355980	22.88 0.84 0.00	20.98 0.75 0.00	20.44 0.71 0.00	20.39 0.69 0.00	20.96 0.63 0.00	23.31 0.72 0.00	27.75 0.91 0.00	29.14 1.12 0.00	30.29 1.19 0.00	30.48 1.23 0.00	31.00 1.36 0.00	31.53 1.44 0.00	30.84 1.36 0.00	30.00 1.32 0.00	28.92 1.27 0.00	29.89 1.42 0.00	35.60 1.86 0.00	40.23 2.35 0.00	36.02 1.81 0.00	32.87 1.54 0.00	29.69 1.33 0.00	27.75 1.20 0.00	26.17 1.01 0.00	25.06 0.87 0.00
LWR___OSWEGATCHIE_HYD 23850	21.60 -0.44 0.00	19.81 -0.42 0.00	19.35 -0.37 0.00	19.36 -0.33 0.00	20.05 -0.28 0.00	22.20 -0.38 0.00	26.33 -0.51 0.00	27.54 -0.48 0.00	28.57 -0.52 0.00	28.78 -0.47 0.00	29.05 -0.59 0.00	29.55 -0.54 0.00	28.92 -0.56 0.00	28.11 -0.57 0.00	27.04 -0.61 0.00	27.84 -0.63 0.00	32.70 -1.05 0.00	36.63 -1.25 0.00	33.22 -0.99 0.00	33.64 -0.85 -3.15	27.71 -0.65 0.00	25.92 -0.64 0.00	24.53 -0.63 0.00	23.63 -0.56 0.00

LYONS_FALL_HYD 23570	22.26 0.22 0.00	20.42 0.18 0.00	19.93 0.20 0.00	19.87 0.18 0.00	20.56 0.22 0.00	22.88 0.29 0.00	27.24 0.40 0.00	28.44 0.42 0.00	29.50 0.41 0.00	29.75 0.50 0.00	30.03 0.38 0.00	30.45 0.36 0.00	29.75 0.26 0.00	28.94 0.26 0.00	27.85 0.19 0.00	28.75 0.28 0.00	34.12 0.37 0.00	38.53 0.64 0.00	34.79 0.58 0.00	32.74 0.50 -0.90	28.81 0.45 0.00	26.90 0.34 0.00	25.39 0.23 0.00	24.36 0.17 0.00
MADISON___COUNTY_LFGE 323628	22.66 0.62 0.00	20.78 0.55 0.00	20.26 0.53 0.00	20.21 0.51 0.00	20.88 0.55 0.00	23.29 0.70 0.00	27.69 0.86 0.00	28.89 0.87 0.00	30.00 0.90 0.00	30.22 0.97 0.00	30.59 0.95 0.00	30.99 0.90 0.00	30.34 0.85 0.00	29.51 0.83 0.00	28.45 0.80 0.00	29.34 0.88 0.00	34.86 1.11 0.00	39.36 1.48 0.00	35.44 1.23 0.00	32.40 1.07 0.00	29.35 0.99 0.00	27.44 0.88 0.00	25.92 0.75 0.00	24.89 0.70 0.00
MALONE___115KV_TB1 356076	21.55 -0.48 0.00	19.83 -0.40 0.00	19.43 -0.30 0.00	19.70 0.00 0.00	20.48 0.14 0.00	22.88 0.29 0.00	27.10 0.27 0.00	28.38 0.36 0.00	29.56 0.47 0.00	29.72 0.47 0.00	29.88 0.24 0.00	30.54 0.45 0.00	30.01 0.53 0.00	29.14 0.46 0.00	27.90 0.25 0.00	28.26 -0.20 0.00	32.87 -0.88 0.00	36.37 -1.52 0.00	32.98 -1.23 0.00	50.86 -1.00 -20.53	27.54 -0.82 0.00	25.92 -0.64 0.00	24.68 -0.48 0.00	23.94 -0.24 0.00
MAPLEWOD_115KV_TB3 80458	22.37 0.33 0.00	20.56 0.32 0.00	20.05 0.32 0.00	19.99 0.30 0.00	20.58 0.24 0.00	22.81 0.23 0.00	27.13 0.30 0.00	28.58 0.56 0.00	29.68 0.58 0.00	29.84 0.59 0.00	30.35 0.71 0.00	30.81 0.72 0.00	30.19 0.71 0.00	29.37 0.69 0.00	28.32 0.66 0.00	29.26 0.80 0.00	34.86 1.11 0.00	39.40 1.52 0.00	35.27 1.06 0.00	32.18 0.85 0.00	29.04 0.68 0.00	27.20 0.64 0.00	25.69 0.53 0.00	24.62 0.44 0.00
MAPLE_RIDGE_WT_1 323574	21.53 -0.51 0.00	19.83 -0.40 0.00	19.43 -0.30 0.00	19.50 -0.20 0.00	20.21 -0.12 0.00	22.52 -0.07 0.00	26.68 -0.16 0.00	27.79 -0.23 0.00	28.78 -0.32 0.00	28.90 -0.35 0.00	29.29 -0.35 0.00	29.76 -0.33 0.00	29.10 -0.38 0.00	28.25 -0.43 0.00	27.18 -0.47 0.00	27.92 -0.54 0.00	33.01 -0.74 0.00	36.86 -1.02 0.00	33.32 -0.89 0.00	30.65 -0.69 0.00	27.76 -0.60 0.00	26.11 -0.45 0.00	24.83 -0.33 0.00	23.94 -0.24 0.00
MAPLE_RIDGE_WT_2 323611	21.53 -0.51 0.00	19.83 -0.40 0.00	19.43 -0.30 0.00	19.50 -0.20 0.00	20.21 -0.12 0.00	22.52 -0.07 0.00	26.68 -0.16 0.00	27.79 -0.23 0.00	28.78 -0.32 0.00	28.90 -0.35 0.00	29.29 -0.35 0.00	29.76 -0.33 0.00	29.10 -0.38 0.00	28.25 -0.43 0.00	27.18 -0.47 0.00	27.92 -0.54 0.00	33.01 -0.74 0.00	36.86 -1.02 0.00	33.32 -0.89 0.00	30.65 -0.69 0.00	27.76 -0.60 0.00	26.11 -0.45 0.00	24.83 -0.33 0.00	23.94 -0.24 0.00
MARBLE_RIVER_WT_PWR 323696	21.20 -0.84 0.00	19.55 -0.69 0.00	19.20 -0.53 0.00	19.52 -0.18 0.00	20.33 0.00 0.00	22.77 0.18 0.00	27.03 0.19 0.00	28.27 0.25 0.00	29.39 0.29 0.00	29.51 0.26 0.00	29.58 -0.06 0.00	30.27 0.18 0.00	29.72 0.23 0.00	28.94 0.26 0.00	27.68 0.03 0.00	27.89 -0.57 0.00	32.40 -1.35 0.00	35.80 -2.08 0.00	32.29 -1.92 0.00	0.01 -1.60 29.73	26.97 -1.39 0.00	25.47 -1.09 0.00	24.31 -0.86 0.00	23.63 -0.56 0.00
MARSHVLE_115KV_TB1 80742	23.19 1.15 0.00	21.27 1.03 0.00	20.70 0.97 0.00	20.64 0.95 0.00	21.31 0.98 0.00	23.81 1.22 0.00	28.29 1.45 0.00	29.61 1.60 0.00	30.73 1.63 0.00	30.98 1.73 0.00	31.39 1.75 0.00	32.04 1.96 0.00	31.31 1.83 0.00	30.43 1.75 0.00	29.39 1.74 0.00	30.23 1.76 0.00	36.14 2.40 0.00	40.99 3.11 0.00	36.84 2.63 0.00	33.59 2.26 0.00	30.37 2.01 0.00	28.44 1.89 0.00	26.67 1.51 0.00	25.54 1.35 0.00
MARSH_HILL_WT_PWR 323713	22.88 0.84 0.00	21.19 0.95 0.00	20.50 0.77 0.00	20.40 0.71 0.00	21.09 0.75 0.00	23.38 0.79 0.00	27.59 0.75 0.00	28.19 0.17 0.00	29.10 0.00 0.00	29.19 -0.06 0.00	29.46 -0.18 0.00	29.76 -0.33 0.00	28.98 -0.50 0.00	27.99 -0.69 0.00	27.02 -0.63 0.00	27.95 -0.51 0.00	32.91 -0.84 0.00	37.43 -0.45 0.00	34.11 -0.10 0.00	31.24 -0.09 0.00	28.56 0.20 0.00	26.51 -0.05 0.00	25.09 -0.08 0.00	24.31 0.12 0.00
MCINTYRE_115KV_TB2 80467	22.15 0.11 0.00	20.34 0.10 0.00	19.89 0.16 0.00	19.93 0.24 0.00	20.62 0.28 0.00	22.86 0.27 0.00	27.10 0.27 0.00	28.44 0.42 0.00	29.53 0.44 0.00	29.75 0.50 0.00	30.15 0.50 0.00	30.72 0.63 0.00	30.16 0.68 0.00	29.31 0.63 0.00	28.15 0.50 0.00	28.89 0.43 0.00	33.71 -0.03 0.00	37.35 -0.53 0.00	34.00 -0.21 0.00	34.96 0.00 -3.62	28.56 0.20 0.00	26.72 0.16 0.00	25.34 0.18 0.00	24.43 0.24 0.00
MECO_____69_KV_BK1 80468	24.09 2.05 0.00	22.08 1.84 0.00	21.49 1.76 0.00	21.39 1.69 0.00	22.06 1.73 0.00	24.71 2.12 0.00	29.39 2.55 0.00	30.76 2.75 0.00	31.86 2.76 0.00	32.21 2.95 0.00	32.61 2.96 0.00	33.28 3.19 0.00	32.55 3.07 0.00	31.55 2.87 0.00	30.50 2.85 0.00	31.56 3.10 0.00	37.87 4.12 0.00	42.92 5.04 0.00	38.45 4.24 0.00	35.09 3.76 0.00	31.76 3.40 0.00	29.67 3.11 0.00	27.73 2.57 0.00	26.53 2.35 0.00
MENANDS___115KV_TB5 355628	22.26 0.22 0.00	20.46 0.22 0.00	19.95 0.22 0.00	19.89 0.20 0.00	20.48 0.14 0.00	22.70 0.11 0.00	26.94 0.11 0.00	28.41 0.39 0.00	29.50 0.41 0.00	29.66 0.41 0.00	30.17 0.53 0.00	30.66 0.57 0.00	30.01 0.53 0.00	29.23 0.54 0.00	28.18 0.53 0.00	29.12 0.65 0.00	34.66 0.91 0.00	39.17 1.29 0.00	35.06 0.86 0.00	31.99 0.66 0.00	28.87 0.51 0.00	27.04 0.48 0.00	25.54 0.38 0.00	24.48 0.29 0.00
MG INDUSTRY___DRP 24185	22.39 0.35 0.00	20.58 0.34 0.00	20.05 0.32 0.00	20.01 0.32 0.00	20.62 0.28 0.00	22.86 0.27 0.00	27.13 0.30 0.00	28.52 0.50 0.00	29.62 0.52 0.00	29.78 0.53 0.00	30.26 0.62 0.00	30.75 0.66 0.00	30.10 0.62 0.00	29.28 0.60 0.00	28.26 0.61 0.00	29.15 0.68 0.00	34.69 0.94 0.00	39.17 1.29 0.00	35.13 0.92 0.00	32.09 0.75 0.00	28.98 0.62 0.00	27.14 0.58 0.00	25.64 0.48 0.00	24.60 0.41 0.00
MID___OSWEGATCHIE_HYD 23849	21.60 -0.44 0.00	19.81 -0.42 0.00	19.35 -0.37 0.00	19.36 -0.33 0.00	20.05 -0.28 0.00	22.20 -0.38 0.00	26.33 -0.51 0.00	27.54 -0.48 0.00	28.57 -0.52 0.00	28.78 -0.47 0.00	29.05 -0.59 0.00	29.55 -0.54 0.00	28.92 -0.56 0.00	28.11 -0.57 0.00	27.04 -0.61 0.00	27.84 -0.63 0.00	32.70 -1.05 0.00	36.63 -1.25 0.00	33.22 -0.99 0.00	33.64 -0.85 -3.15	27.71 -0.65 0.00	25.92 -0.64 0.00	24.53 -0.63 0.00	23.63 -0.56 0.00
MID___RAQUETTE_HYD 23851	21.69 -0.35 0.00	19.93 -0.30 0.00	19.47 -0.26 0.00	19.54 -0.16 0.00	20.23 -0.10 0.00	22.32 -0.27 0.00	26.35 -0.48 0.00	27.62 -0.39 0.00	28.66 -0.44 0.00	28.87 -0.38 0.00	29.20 -0.44 0.00	29.85 -0.24 0.00	29.28 -0.21 0.00	28.42 -0.26 0.00	27.32 -0.33 0.00	28.01 -0.46 0.00	32.57 -1.18 0.00	36.14 -1.74 0.00	32.87 -1.33 0.00	34.89 -1.07 -4.63	27.59 -0.77 0.00	25.87 -0.69 0.00	24.61 -0.55 0.00	23.78 -0.41 0.00

MILLIKEN___1 23584	22.72 0.68 0.00	20.84 0.61 0.00	20.30 0.57 0.00	20.25 0.55 0.00	20.92 0.59 0.00	23.33 0.75 0.00	27.75 0.91 0.00	28.86 0.84 0.00	29.97 0.87 0.00	30.19 0.94 0.00	30.56 0.92 0.00	30.87 0.78 0.00	30.19 0.71 0.00	29.34 0.66 0.00	28.26 0.61 0.00	29.12 0.65 0.00	34.49 0.74 0.00	39.09 1.21 0.00	35.24 1.03 0.00	32.24 0.91 0.00	29.24 0.88 0.00	27.30 0.74 0.00	25.79 0.63 0.00	24.79 0.60 0.00
MILLIKEN___2 23585	22.72 0.68 0.00	20.84 0.61 0.00	20.30 0.57 0.00	20.25 0.55 0.00	20.92 0.59 0.00	23.33 0.75 0.00	27.75 0.91 0.00	28.86 0.84 0.00	29.97 0.87 0.00	30.19 0.94 0.00	30.56 0.92 0.00	30.87 0.78 0.00	30.19 0.71 0.00	29.34 0.66 0.00	28.26 0.61 0.00	29.12 0.65 0.00	34.49 0.74 0.00	39.09 1.21 0.00	35.24 1.03 0.00	32.24 0.91 0.00	29.24 0.88 0.00	27.30 0.74 0.00	25.79 0.63 0.00	24.79 0.60 0.00
MILLIKEN___DIESEL 23629	22.72 0.68 0.00	20.84 0.61 0.00	20.30 0.57 0.00	20.25 0.55 0.00	20.92 0.59 0.00	23.33 0.75 0.00	27.75 0.91 0.00	28.86 0.84 0.00	29.97 0.87 0.00	30.19 0.94 0.00	30.56 0.92 0.00	30.87 0.78 0.00	30.19 0.71 0.00	29.34 0.66 0.00	28.26 0.61 0.00	29.12 0.65 0.00	34.49 0.74 0.00	39.09 1.21 0.00	35.24 1.03 0.00	32.24 0.91 0.00	29.24 0.88 0.00	27.30 0.74 0.00	25.79 0.63 0.00	24.79 0.60 0.00
MILLSEAT___LFGE 323607	22.21 0.18 0.00	20.60 0.36 0.00	19.97 0.24 0.00	19.89 0.20 0.00	20.60 0.26 0.00	22.93 0.34 0.00	27.13 0.30 0.00	27.48 -0.53 0.00	28.48 -0.61 0.00	28.67 -0.58 0.00	29.02 -0.62 0.00	29.34 -0.75 0.00	28.63 -0.86 0.00	27.62 -1.06 0.00	26.57 -1.08 0.00	27.58 -0.88 0.00	32.26 -1.48 0.00	36.52 -1.36 0.00	33.39 -0.82 0.00	30.49 -0.84 0.00	27.90 -0.45 0.00	25.76 -0.80 0.00	24.48 -0.68 0.00	23.78 -0.41 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	22.90 0.86 0.00	20.98 0.75 0.00	20.42 0.69 0.00	20.33 0.63 0.00	20.94 0.61 0.00	23.20 0.61 0.00	27.75 0.91 0.00	29.25 1.23 0.00	30.49 1.40 0.00	30.60 1.35 0.00	30.98 1.33 0.00	31.44 1.35 0.00	30.87 1.39 0.00	30.06 1.38 0.00	29.12 1.47 0.00	30.00 1.54 0.00	35.77 2.02 0.00	40.57 2.69 0.00	36.40 2.19 0.00	33.12 1.79 0.00	29.78 1.42 0.00	27.86 1.30 0.00	26.22 1.06 0.00	25.18 0.99 0.00
MILLWOOD_13_KV_LOAD 356217	22.94 0.90 0.00	21.02 0.79 0.00	20.44 0.71 0.00	20.37 0.67 0.00	20.96 0.63 0.00	23.22 0.63 0.00	27.80 0.97 0.00	29.31 1.29 0.00	30.58 1.48 0.00	30.68 1.43 0.00	31.06 1.42 0.00	31.53 1.44 0.00	30.96 1.47 0.00	30.14 1.46 0.00	29.20 1.55 0.00	30.08 1.62 0.00	35.87 2.13 0.00	40.72 2.84 0.00	36.50 2.29 0.00	33.21 1.88 0.00	29.86 1.50 0.00	27.94 1.38 0.00	26.27 1.11 0.00	25.20 1.02 0.00
MODEL_CITY_ENERGY 24167	21.69 -0.35 0.00	20.13 -0.10 0.00	19.53 -0.20 0.00	19.46 -0.24 0.00	20.13 -0.20 0.00	22.34 -0.25 0.00	26.33 -0.51 0.00	26.53 -1.49 0.00	27.50 -1.60 0.00	27.64 -1.61 0.00	27.98 -1.66 0.00	28.31 -1.78 0.00	27.63 -1.86 0.00	26.67 -2.01 0.00	25.63 -2.02 0.00	26.56 -1.91 0.00	30.98 -2.77 0.00	35.00 -2.88 0.00	32.05 -2.15 0.00	29.27 -2.07 0.00	26.83 -1.53 0.00	24.81 -1.75 0.00	23.63 -1.54 0.00	23.05 -1.14 0.00
MODERN_LFGE___ 323580	21.69 -0.35 0.00	20.13 -0.10 0.00	19.53 -0.20 0.00	19.46 -0.24 0.00	20.13 -0.20 0.00	22.34 -0.25 0.00	26.33 -0.51 0.00	26.53 -1.49 0.00	27.50 -1.60 0.00	27.64 -1.61 0.00	27.98 -1.66 0.00	28.31 -1.78 0.00	27.63 -1.86 0.00	26.67 -2.01 0.00	25.63 -2.02 0.00	26.56 -1.91 0.00	30.98 -2.77 0.00	35.00 -2.88 0.00	32.05 -2.15 0.00	29.27 -2.07 0.00	26.83 -1.53 0.00	24.81 -1.75 0.00	23.63 -1.54 0.00	23.05 -1.14 0.00
MOHAWK_PAPER___DRP 24187	22.37 0.33 0.00	20.56 0.32 0.00	20.05 0.32 0.00	19.99 0.30 0.00	20.58 0.24 0.00	22.81 0.23 0.00	27.13 0.30 0.00	28.58 0.56 0.00	29.68 0.58 0.00	29.84 0.59 0.00	30.35 0.71 0.00	30.81 0.72 0.00	30.19 0.71 0.00	29.37 0.69 0.00	28.32 0.66 0.00	29.26 0.80 0.00	34.86 1.11 0.00	39.40 1.52 0.00	35.27 1.06 0.00	32.18 0.85 0.00	29.04 0.68 0.00	27.20 0.64 0.00	25.69 0.53 0.00	24.62 0.44 0.00
MOHICAN___35_KV_115KV_LD 80490	23.08 1.04 0.00	21.15 0.91 0.00	20.60 0.87 0.00	20.54 0.85 0.00	21.04 0.71 0.00	23.44 0.86 0.00	27.94 1.10 0.00	29.28 1.26 0.00	30.44 1.34 0.00	30.71 1.46 0.00	31.24 1.60 0.00	31.77 1.68 0.00	31.04 1.56 0.00	30.17 1.49 0.00	29.12 1.47 0.00	30.06 1.59 0.00	35.84 2.09 0.00	40.53 2.65 0.00	36.30 2.09 0.00	33.09 1.75 0.00	29.86 1.50 0.00	27.89 1.33 0.00	26.22 1.06 0.00	25.08 0.89 0.00
MONGAUP___HYD 23641	22.59 0.55 0.00	20.98 0.75 0.00	20.46 0.73 0.00	20.39 0.69 0.00	21.02 0.69 0.00	22.90 0.32 0.00	27.18 0.35 0.00	28.52 0.50 0.00	29.71 0.61 0.00	29.81 0.55 0.00	30.09 0.45 0.00	30.54 0.45 0.00	29.95 0.47 0.00	29.20 0.52 0.00	28.26 0.61 0.00	29.17 0.71 0.00	34.93 1.18 0.00	39.66 1.78 0.00	35.65 1.44 0.00	32.40 1.07 0.00	29.21 0.85 0.00	27.30 0.74 0.00	25.99 0.83 0.00	24.89 0.70 0.00
MONTAUK___DIESEL 23721	24.27 2.23 0.00	22.34 2.10 0.00	21.70 1.97 0.00	21.55 1.85 0.00	22.31 1.97 0.00	24.78 2.19 0.00	29.79 2.95 0.00	35.37 3.45 -3.90	36.16 3.67 -3.40	33.97 3.13 -1.59	37.07 3.05 -4.37	39.30 3.07 -6.14	38.19 3.07 -5.64	38.48 3.04 -6.76	36.07 3.07 -5.34	40.00 3.22 -8.32	48.69 4.42 -10.52	56.50 5.57 -13.05	56.36 4.79 -17.36	43.74 4.01 -8.39	41.26 3.29 -9.62	37.25 2.97 -7.72	31.06 2.69 -3.20	28.53 2.71 -1.64
MOONROAD_115KV_HARTFLD_TB1-2 355988	23.08 1.04 0.00	21.23 0.99 0.00	20.68 0.95 0.00	20.60 0.91 0.00	21.25 0.91 0.00	23.63 1.04 0.00	27.96 1.13 0.00	28.04 0.03 0.00	29.18 0.09 0.00	29.25 0.00 0.00	29.37 -0.27 0.00	29.49 -0.60 0.00	28.77 -0.71 0.00	27.76 -0.92 0.00	26.60 -1.05 0.00	27.35 -1.11 0.00	32.57 -1.18 0.00	36.97 -0.91 0.00	33.25 -0.96 0.00	30.74 -0.60 0.00	28.22 -0.14 0.00	26.00 -0.56 0.00	24.53 -0.63 0.00	23.92 -0.27 0.00
MORTIMER_115KV_TB3 55949	22.06 0.02 0.00	20.24 0.00 0.00	19.75 0.02 0.00	19.70 0.00 0.00	20.39 0.06 0.00	22.70 0.11 0.00	26.94 0.11 0.00	27.54 -0.48 0.00	28.66 -0.44 0.00	28.87 -0.38 0.00	29.14 -0.50 0.00	29.40 -0.69 0.00	28.83 -0.65 0.00	27.99 -0.69 0.00	26.85 -0.80 0.00	27.64 -0.83 0.00	32.74 -1.01 0.00	37.01 -0.87 0.00	33.39 -0.82 0.00	30.71 -0.63 0.00	28.02 -0.34 0.00	26.00 -0.56 0.00	24.68 -0.48 0.00	23.82 -0.36 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	23.03 0.99 0.00	21.11 0.87 0.00	20.54 0.81 0.00	20.45 0.75 0.00	21.04 0.71 0.00	23.31 0.72 0.00	27.94 1.10 0.00	29.42 1.40 0.00	30.70 1.60 0.00	30.77 1.52 0.00	31.12 1.48 0.00	31.59 1.50 0.00	31.01 1.53 0.00	30.23 1.55 0.00	29.31 1.66 0.00	30.14 1.68 0.00	35.98 2.23 0.00	40.80 2.92 0.00	36.60 2.39 0.00	33.31 1.97 0.00	29.89 1.53 0.00	27.99 1.43 0.00	26.35 1.18 0.00	25.30 1.11 0.00

MUNSVILLE_WIND_PWR 323609	23.98 1.94 0.00	22.00 1.76 0.00	21.43 1.70 0.00	21.37 1.67 0.00	22.12 1.79 0.00	24.80 2.21 0.00	29.60 2.76 0.00	30.90 2.89 0.00	32.03 2.94 0.00	32.44 3.19 0.00	32.99 3.35 0.00	33.28 3.19 0.00	32.28 2.80 0.00	31.26 2.58 0.00	30.14 2.49 0.00	31.17 2.71 0.00	37.12 3.37 0.00	42.20 4.32 0.00	38.24 4.03 0.00	34.87 3.54 0.00	31.62 3.26 0.00	29.43 2.87 0.00	27.68 2.52 0.00	26.51 2.32 0.00
N SALMON___HYD 24042	21.55 -0.48 0.00	19.83 -0.40 0.00	19.43 -0.30 0.00	19.70 0.00 0.00	20.48 0.14 0.00	22.88 0.29 0.00	27.10 0.27 0.00	28.41 0.39 0.00	29.56 0.46 0.00	29.72 0.47 0.00	29.88 0.24 0.00	30.54 0.45 0.00	30.01 0.53 0.00	29.14 0.46 0.00	27.87 0.22 0.00	28.23 -0.23 0.00	32.87 -0.88 0.00	36.37 -1.52 0.00	32.84 -1.37 0.00	50.86 -1.00 -20.53	27.53 -0.82 0.00	25.95 -0.61 0.00	24.71 -0.45 0.00	23.94 -0.24 0.00
N.AKRON___115KV_KNAPP 355671	22.24 0.20 0.00	20.44 0.20 0.00	19.99 0.26 0.00	19.87 0.18 0.00	20.60 0.26 0.00	22.93 0.34 0.00	27.16 0.32 0.00	27.37 -0.64 0.00	28.49 -0.61 0.00	28.67 -0.59 0.00	28.81 -0.83 0.00	29.00 -1.08 0.00	28.45 -1.03 0.00	27.59 -1.09 0.00	26.38 -1.27 0.00	27.15 -1.31 0.00	32.23 -1.52 0.00	36.48 -1.40 0.00	32.91 -1.30 0.00	30.39 -0.94 0.00	27.88 -0.48 0.00	25.76 -0.80 0.00	24.51 -0.65 0.00	23.75 -0.44 0.00
N.BELMOR_69_KV_BK1 55787	23.36 1.32 0.00	21.41 1.17 0.00	20.80 1.07 0.00	20.68 0.98 0.00	21.35 1.02 0.00	23.74 1.15 0.00	28.50 1.66 0.00	33.91 1.99 -3.90	34.68 2.18 -3.40	32.95 2.11 -1.59	36.09 2.07 -4.37	38.33 2.11 -6.14	37.24 2.12 -5.64	37.57 2.12 -6.76	35.18 2.18 -5.34	39.03 2.25 -8.32	47.24 2.97 -10.52	54.72 3.79 -13.05	54.75 3.18 -17.36	42.39 2.66 -8.39	40.16 2.18 -9.62	36.29 2.02 -7.72	30.13 1.76 -3.20	27.47 1.64 -1.64
N.E_GEN_SANDY PD 24062	22.52 0.48 0.00	20.64 0.40 0.00	20.14 0.41 0.00	20.07 0.37 0.00	20.66 0.32 0.00	22.90 0.32 0.00	27.29 0.46 0.00	28.80 0.78 0.00	29.91 0.81 0.00	29.98 0.73 0.00	30.47 0.83 0.00	30.90 0.81 0.00	30.34 0.86 0.00	29.57 0.89 0.00	28.48 0.83 0.00	29.40 0.94 0.00	35.17 1.42 0.00	39.81 1.93 0.00	35.61 1.40 0.00	32.40 1.07 0.00	29.21 0.85 0.00	27.46 0.90 0.00	26.02 0.86 0.00	24.86 0.68 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	22.85 0.82 0.00	20.96 0.73 0.00	20.38 0.65 0.00	20.31 0.61 0.00	20.90 0.57 0.00	23.15 0.56 0.00	27.72 0.89 0.00	29.19 1.18 0.00	30.44 1.34 0.00	30.57 1.32 0.00	30.92 1.27 0.00	31.38 1.29 0.00	30.81 1.33 0.00	30.00 1.32 0.00	29.06 1.41 0.00	29.91 1.45 0.00	35.71 1.96 0.00	40.50 2.61 0.00	36.33 2.12 0.00	33.06 1.72 0.00	29.75 1.39 0.00	27.83 1.27 0.00	26.19 1.03 0.00	25.13 0.94 0.00
N.QUEENS_27_KV_LOAD 356247	23.21 1.17 -0.01	21.34 1.09 -0.01	20.76 1.03 -0.01	20.67 0.97 -0.01	21.28 0.94 -0.01	23.38 0.79 0.00	27.99 1.15 0.00	29.33 1.32 0.00	30.64 1.54 0.00	30.74 1.49 0.00	31.06 1.42 0.00	31.50 1.41 0.00	30.96 1.47 0.00	30.17 1.49 0.00	29.31 1.66 0.00	30.08 1.62 0.00	35.91 2.16 0.00	40.72 2.84 0.00	36.57 2.36 0.00	33.28 1.94 0.00	29.80 1.45 0.00	27.89 1.33 0.00	26.29 1.13 0.00	25.42 1.23 0.00
N.TROY___115KV_TB1 355778	22.48 0.44 0.00	20.64 0.40 0.00	20.10 0.37 0.00	20.05 0.35 0.00	20.64 0.30 0.00	22.90 0.32 0.00	27.27 0.43 0.00	28.72 0.70 0.00	29.82 0.73 0.00	29.95 0.70 0.00	30.50 0.86 0.00	30.99 0.90 0.00	30.34 0.85 0.00	29.51 0.83 0.00	28.45 0.80 0.00	29.40 0.94 0.00	35.03 1.28 0.00	39.62 1.74 0.00	35.44 1.23 0.00	32.34 1.00 0.00	29.18 0.82 0.00	27.33 0.77 0.00	25.79 0.63 0.00	24.72 0.53 0.00
NARROWS_GT1_1 24228	23.28 1.23 -0.01	21.38 1.13 -0.01	20.76 1.03 -0.01	20.71 1.00 -0.01	21.34 1.00 -0.01	23.49 0.90 0.00	27.99 1.15 0.00	29.19 1.18 0.01	30.52 1.43 0.01	30.71 1.46 0.01	30.82 1.19 0.01	31.25 1.17 0.01	30.74 1.27 0.01	30.02 1.35 0.01	29.14 1.49 0.01	29.82 1.37 0.01	35.84 2.09 0.01	40.75 2.88 0.01	36.60 2.39 0.01	33.24 1.91 0.01	29.71 1.36 0.01	27.80 1.25 0.01	26.55 1.38 0.00	25.81 1.62 0.00
NARROWS_GT1_2 24229	23.28 1.23 -0.01	21.38 1.13 -0.01	20.76 1.03 -0.01	20.71 1.00 -0.01	21.34 1.00 -0.01	23.49 0.90 0.00	27.99 1.15 0.00	29.19 1.18 0.01	30.52 1.43 0.01	30.71 1.46 0.01	30.82 1.19 0.01	31.25 1.17 0.01	30.74 1.27 0.01	30.02 1.35 0.01	29.14 1.49 0.01	29.82 1.37 0.01	35.84 2.09 0.01	40.75 2.88 0.01	36.60 2.39 0.01	33.24 1.91 0.01	29.71 1.36 0.01	27.80 1.25 0.01	26.55 1.38 0.00	25.81 1.62 0.00
NARROWS_GT1_3 24230	23.28 1.23 -0.01	21.38 1.13 -0.01	20.76 1.03 -0.01	20.71 1.00 -0.01	21.34 1.00 -0.01	23.49 0.90 0.00	27.99 1.15 0.00	29.19 1.18 0.01	30.52 1.43 0.01	30.71 1.46 0.01	30.82 1.19 0.01	31.25 1.17 0.01	30.74 1.27 0.01	30.02 1.35 0.01	29.14 1.49 0.01	29.82 1.37 0.01	35.84 2.09 0.01	40.75 2.88 0.01	36.60 2.39 0.01	33.24 1.91 0.01	29.71 1.36 0.01	27.80 1.25 0.01	26.55 1.38 0.00	25.81 1.62 0.00
NARROWS_GT1_4 24231	23.28 1.23 -0.01	21.38 1.13 -0.01	20.76 1.03 -0.01	20.71 1.00 -0.01	21.34 1.00 -0.01	23.49 0.90 0.00	27.99 1.15 0.00	29.19 1.18 0.01	30.52 1.43 0.01	30.71 1.46 0.01	30.82 1.19 0.01	31.25 1.17 0.01	30.74 1.27 0.01	30.02 1.35 0.01	29.14 1.49 0.01	29.82 1.37 0.01	35.84 2.09 0.01	40.75 2.88 0.01	36.60 2.39 0.01	33.24 1.91 0.01	29.71 1.36 0.01	27.80 1.25 0.01	26.55 1.38 0.00	25.81 1.62 0.00
NARROWS_GT1_5 24232	23.28 1.23 -0.01	21.38 1.13 -0.01	20.76 1.03 -0.01	20.71 1.00 -0.01	21.34 1.00 -0.01	23.49 0.90 0.00	27.99 1.15 0.00	29.19 1.18 0.01	30.52 1.43 0.01	30.71 1.46 0.01	30.82 1.19 0.01	31.25 1.17 0.01	30.74 1.27 0.01	30.02 1.35 0.01	29.14 1.49 0.01	29.82 1.37 0.01	35.84 2.09 0.01	40.75 2.88 0.01	36.60 2.39 0.01	33.24 1.91 0.01	29.71 1.36 0.01	27.80 1.25 0.01	26.55 1.38 0.00	25.81 1.62 0.00
NARROWS_GT1_6 24233	23.28 1.23 -0.01	21.38 1.13 -0.01	20.76 1.03 -0.01	20.71 1.00 -0.01	21.34 1.00 -0.01	23.49 0.90 0.00	27.99 1.15 0.00	29.19 1.18 0.01	30.52 1.43 0.01	30.71 1.46 0.01	30.82 1.19 0.01	31.25 1.17 0.01	30.74 1.27 0.01	30.02 1.35 0.01	29.14 1.49 0.01	29.82 1.37 0.01	35.84 2.09 0.01	40.75 2.88 0.01	36.60 2.39 0.01	33.24 1.91 0.01	29.71 1.36 0.01	27.80 1.25 0.01	26.55 1.38 0.00	25.81 1.62 0.00
NARROWS_GT1_7 24234	23.28 1.23 -0.01	21.38 1.13 -0.01	20.76 1.03 -0.01	20.71 1.00 -0.01	21.34 1.00 -0.01	23.49 0.90 0.00	27.99 1.15 0.00	29.19 1.18 0.01	30.52 1.43 0.01	30.71 1.46 0.01	30.82 1.19 0.01	31.25 1.17 0.01	30.74 1.27 0.01	30.02 1.35 0.01	29.14 1.49 0.01	29.82 1.37 0.01	35.84 2.09 0.01	40.75 2.88 0.01	36.60 2.39 0.01	33.24 1.91 0.01	29.71 1.36 0.01	27.80 1.25 0.01	26.55 1.38 0.00	25.81 1.62 0.00

NARROWS_GT1_8 24235	23.28 1.23 -0.01	21.38 1.13 -0.01	20.76 1.03 -0.01	20.71 1.00 -0.01	21.34 1.00 -0.01	23.49 0.90 0.00	27.99 1.15 0.00	29.19 1.18 0.01	30.52 1.43 0.01	30.71 1.46 0.01	30.82 1.19 0.01	31.25 1.17 0.01	30.74 1.27 0.01	30.02 1.35 0.01	29.14 1.49 0.01	29.82 1.37 0.01	35.84 2.09 0.01	40.75 2.88 0.01	36.60 2.39 0.01	33.24 1.91 0.01	29.71 1.36 0.01	27.80 1.25 0.01	26.55 1.38 0.00	25.81 1.62 0.00
NARROWS_GT2_1 24236	23.28 1.23 -0.01	21.27 1.03 -0.01	20.72 0.99 -0.01	20.63 0.93 -0.01	21.26 0.92 -0.01	23.44 0.86 0.00	28.04 1.21 0.00	29.36 1.34 0.00	30.70 1.60 0.00	30.86 1.61 0.00	31.01 1.36 0.00	31.44 1.36 0.00	30.93 1.44 0.00	30.17 1.49 0.00	29.28 1.63 0.00	30.00 1.54 0.00	36.01 2.26 0.00	40.91 3.03 0.00	36.70 2.50 0.00	33.37 2.04 0.00	29.83 1.47 0.00	27.94 1.38 0.00	26.57 1.41 0.00	25.69 1.50 0.00
NARROWS_GT2_2 24237	23.28 1.23 -0.01	21.27 1.03 -0.01	20.72 0.99 -0.01	20.63 0.93 -0.01	21.26 0.92 -0.01	23.44 0.86 0.00	28.04 1.21 0.00	29.36 1.34 0.00	30.70 1.60 0.00	30.86 1.61 0.00	31.01 1.36 0.00	31.44 1.36 0.00	30.93 1.44 0.00	30.17 1.49 0.00	29.28 1.63 0.00	30.00 1.54 0.00	36.01 2.26 0.00	40.91 3.03 0.00	36.70 2.50 0.00	33.37 2.04 0.00	29.83 1.47 0.00	27.94 1.38 0.00	26.57 1.41 0.00	25.69 1.50 0.00
NARROWS_GT2_3 24238	23.28 1.23 -0.01	21.27 1.03 -0.01	20.72 0.99 -0.01	20.63 0.93 -0.01	21.26 0.92 -0.01	23.44 0.86 0.00	28.04 1.21 0.00	29.36 1.34 0.00	30.70 1.60 0.00	30.86 1.61 0.00	31.01 1.36 0.00	31.44 1.36 0.00	30.93 1.44 0.00	30.17 1.49 0.00	29.28 1.63 0.00	30.00 1.54 0.00	36.01 2.26 0.00	40.91 3.03 0.00	36.70 2.50 0.00	33.37 2.04 0.00	29.83 1.47 0.00	27.94 1.38 0.00	26.57 1.41 0.00	25.69 1.50 0.00
NARROWS_GT2_4 24239	23.28 1.23 -0.01	21.27 1.03 -0.01	20.72 0.99 -0.01	20.63 0.93 -0.01	21.26 0.92 -0.01	23.44 0.86 0.00	28.04 1.21 0.00	29.36 1.34 0.00	30.70 1.60 0.00	30.86 1.61 0.00	31.01 1.36 0.00	31.44 1.36 0.00	30.93 1.44 0.00	30.17 1.49 0.00	29.28 1.63 0.00	30.00 1.54 0.00	36.01 2.26 0.00	40.91 3.03 0.00	36.70 2.50 0.00	33.37 2.04 0.00	29.83 1.47 0.00	27.94 1.38 0.00	26.57 1.41 0.00	25.69 1.50 0.00
NARROWS_GT2_5 24240	23.28 1.23 -0.01	21.27 1.03 -0.01	20.72 0.99 -0.01	20.63 0.93 -0.01	21.26 0.92 -0.01	23.44 0.86 0.00	28.04 1.21 0.00	29.36 1.34 0.00	30.70 1.60 0.00	30.86 1.61 0.00	31.01 1.36 0.00	31.44 1.36 0.00	30.93 1.44 0.00	30.17 1.49 0.00	29.28 1.63 0.00	30.00 1.54 0.00	36.01 2.26 0.00	40.91 3.03 0.00	36.70 2.50 0.00	33.37 2.04 0.00	29.83 1.47 0.00	27.94 1.38 0.00	26.57 1.41 0.00	25.69 1.50 0.00
NARROWS_GT2_6 24241	23.28 1.23 -0.01	21.27 1.03 -0.01	20.72 0.99 -0.01	20.63 0.93 -0.01	21.26 0.92 -0.01	23.44 0.86 0.00	28.04 1.21 0.00	29.36 1.34 0.00	30.70 1.60 0.00	30.86 1.61 0.00	31.01 1.36 0.00	31.44 1.36 0.00	30.93 1.44 0.00	30.17 1.49 0.00	29.28 1.63 0.00	30.00 1.54 0.00	36.01 2.26 0.00	40.91 3.03 0.00	36.70 2.50 0.00	33.37 2.04 0.00	29.83 1.47 0.00	27.94 1.38 0.00	26.57 1.41 0.00	25.69 1.50 0.00
NARROWS_GT2_7 24242	23.28 1.23 -0.01	21.27 1.03 -0.01	20.72 0.99 -0.01	20.63 0.93 -0.01	21.26 0.92 -0.01	23.44 0.86 0.00	28.04 1.21 0.00	29.36 1.34 0.00	30.70 1.60 0.00	30.86 1.61 0.00	31.01 1.36 0.00	31.44 1.36 0.00	30.93 1.44 0.00	30.17 1.49 0.00	29.28 1.63 0.00	30.00 1.54 0.00	36.01 2.26 0.00	40.91 3.03 0.00	36.70 2.50 0.00	33.37 2.04 0.00	29.83 1.47 0.00	27.94 1.38 0.00	26.57 1.41 0.00	25.69 1.50 0.00
NARROWS_GT2_8 24243	23.28 1.23 -0.01	21.27 1.03 -0.01	20.72 0.99 -0.01	20.63 0.93 -0.01	21.26 0.92 -0.01	23.44 0.86 0.00	28.04 1.21 0.00	29.36 1.34 0.00	30.70 1.60 0.00	30.86 1.61 0.00	31.01 1.36 0.00	31.44 1.36 0.00	30.93 1.44 0.00	30.17 1.49 0.00	29.28 1.63 0.00	30.00 1.54 0.00	36.01 2.26 0.00	40.91 3.03 0.00	36.70 2.50 0.00	33.37 2.04 0.00	29.83 1.47 0.00	27.94 1.38 0.00	26.57 1.41 0.00	25.69 1.50 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	22.68 0.64 0.00	20.86 0.63 0.00	20.32 0.59 0.00	20.29 0.59 0.00	20.90 0.57 0.00	23.15 0.56 0.00	27.53 0.70 0.00	28.94 0.92 0.00	30.00 0.90 0.00	30.19 0.94 0.00	30.68 1.04 0.00	31.17 1.08 0.00	30.48 1.00 0.00	29.66 0.98 0.00	28.59 0.94 0.00	29.57 1.11 0.00	35.27 1.52 0.00	39.97 2.08 0.00	35.82 1.61 0.00	32.65 1.32 0.00	29.52 1.16 0.00	27.57 1.01 0.00	25.99 0.83 0.00	24.94 0.75 0.00
NCHELSEA_115KV_TR2 355582	22.99 0.95 0.00	21.07 0.83 0.00	20.50 0.77 0.00	20.43 0.73 0.00	21.04 0.71 0.00	23.29 0.70 0.00	27.86 1.02 0.00	29.31 1.29 0.00	30.52 1.43 0.00	30.68 1.43 0.00	31.09 1.45 0.00	31.59 1.50 0.00	30.96 1.47 0.00	30.17 1.49 0.00	29.20 1.55 0.00	30.08 1.62 0.00	35.87 2.13 0.00	40.72 2.84 0.00	36.50 2.29 0.00	33.21 1.88 0.00	29.92 1.56 0.00	27.97 1.41 0.00	26.32 1.16 0.00	25.27 1.09 0.00
NEG CAPITAL___MECHNVIL 23645	22.83 0.79 0.00	20.92 0.69 0.00	20.40 0.67 0.00	20.35 0.65 0.00	20.92 0.59 0.00	23.26 0.68 0.00	27.72 0.88 0.00	29.14 1.12 0.00	30.26 1.17 0.00	30.45 1.20 0.00	30.98 1.34 0.00	31.47 1.38 0.00	30.78 1.30 0.00	29.94 1.26 0.00	28.90 1.25 0.00	29.80 1.34 0.00	35.57 1.82 0.00	40.23 2.35 0.00	36.06 1.85 0.00	32.84 1.50 0.00	29.64 1.28 0.00	27.78 1.22 0.00	26.22 1.06 0.00	25.06 0.87 0.00
NEG CENTRAL_HIGH_ACRES 23767	21.64 -0.40 0.00	19.95 -0.28 0.00	19.35 -0.38 0.00	19.30 -0.39 0.00	19.99 -0.35 0.00	22.25 -0.34 0.00	26.43 -0.40 0.00	27.23 -0.78 0.00	28.25 -0.84 0.00	28.46 -0.79 0.00	28.90 -0.74 0.00	29.25 -0.84 0.00	28.60 -0.88 0.00	27.71 -0.98 0.00	26.68 -0.97 0.00	27.55 -0.91 0.00	32.40 -1.35 0.00	36.63 -1.25 0.00	33.29 -0.92 0.00	30.40 -0.94 0.00	27.62 -0.74 0.00	25.66 -0.90 0.00	24.28 -0.88 0.00	23.46 -0.72 0.00
NEG CENTRAL___DRP 24199	22.50 0.46 0.00	20.64 0.40 0.00	20.10 0.37 0.00	20.05 0.35 0.00	20.76 0.43 0.00	23.13 0.54 0.00	27.51 0.67 0.00	28.49 0.48 0.00	29.59 0.49 0.00	29.81 0.56 0.00	30.15 0.50 0.00	30.45 0.36 0.00	29.78 0.29 0.00	28.94 0.26 0.00	27.82 0.17 0.00	28.66 0.20 0.00	33.68 -0.07 0.00	38.11 0.23 0.00	34.35 0.14 0.00	31.55 0.22 0.00	28.67 0.31 0.00	26.72 0.16 0.00	25.26 0.10 0.00	24.33 0.15 0.00
NEG CENTRAL___INDECK 23768	23.05 1.01 0.00	21.27 1.03 0.00	20.60 0.87 0.00	20.52 0.83 0.00	21.27 0.94 0.00	23.69 1.11 0.00	28.18 1.34 0.00	28.89 0.87 0.00	29.85 0.76 0.00	29.92 0.67 0.00	30.32 0.68 0.00	30.63 0.54 0.00	29.86 0.38 0.00	28.85 0.17 0.00	27.87 0.22 0.00	28.92 0.45 0.00	34.16 0.41 0.00	38.91 1.02 0.00	35.44 1.23 0.00	32.37 1.03 0.00	29.52 1.16 0.00	27.30 0.74 0.00	25.79 0.63 0.00	24.94 0.75 0.00



NEG CENTRAL___SENECA 23627	22.57 0.53 0.00	20.72 0.49 0.00	20.18 0.45 0.00	20.11 0.41 0.00	20.82 0.49 0.00	23.22 0.63 0.00	27.61 0.78 0.00	28.52 0.50 0.00	29.62 0.52 0.00	29.84 0.59 0.00	30.17 0.53 0.00	30.45 0.36 0.00	29.78 0.29 0.00	28.91 0.23 0.00	27.79 0.14 0.00	28.63 0.17 0.00	33.85 0.10 0.00	38.30 0.42 0.00	34.52 0.31 0.00	31.84 0.50 0.00	28.92 0.57 0.00	26.90 0.35 0.00	25.44 0.28 0.00	24.50 0.31 0.00
NEG CENTRAL___STATE_STREET 24147	22.52 0.48 0.00	20.66 0.42 0.00	20.12 0.39 0.00	20.07 0.37 0.00	20.76 0.43 0.00	23.17 0.59 0.00	27.56 0.72 0.00	28.60 0.59 0.00	29.74 0.64 0.00	29.98 0.73 0.00	30.38 0.74 0.00	30.69 0.60 0.00	30.01 0.53 0.00	29.17 0.49 0.00	28.07 0.41 0.00	28.89 0.43 0.00	33.85 0.10 0.00	38.30 0.42 0.00	34.52 0.31 0.00	31.62 0.28 0.00	28.67 0.31 0.00	26.74 0.19 0.00	25.31 0.15 0.00	24.33 0.15 0.00
NEG MILLWOOD___DRP 24198	23.10 1.06 0.00	21.17 0.93 0.00	20.58 0.85 0.00	20.52 0.83 0.00	21.11 0.77 0.00	23.35 0.77 0.00	27.94 1.10 0.00	29.47 1.46 0.00	30.73 1.63 0.00	30.86 1.61 0.00	31.30 1.66 0.00	31.80 1.71 0.00	31.16 1.68 0.00	30.37 1.69 0.00	29.37 1.71 0.00	30.31 1.85 0.00	36.18 2.43 0.00	41.06 3.18 0.00	36.81 2.60 0.00	33.50 2.16 0.00	30.12 1.76 0.00	28.15 1.59 0.00	26.42 1.26 0.00	25.35 1.16 0.00
NEG NORTH_FLCN_SEA 23793	21.31 -0.73 0.00	19.63 -0.61 0.00	19.30 -0.43 0.00	19.62 -0.08 0.00	20.43 0.10 0.00	22.93 0.34 0.00	27.19 0.35 0.00	28.44 0.42 0.00	29.59 0.49 0.00	29.72 0.47 0.00	29.79 0.15 0.00	30.45 0.36 0.00	29.92 0.44 0.00	29.28 0.60 0.00	28.01 0.36 0.00	28.23 -0.23 0.00	32.77 -0.98 0.00	36.22 -1.67 0.00	32.84 -1.37 0.00	0.12 -1.22 30.00	27.34 -1.02 0.00	25.82 -0.74 0.00	24.61 -0.55 0.00	23.94 -0.24 0.00
NEG NORTH_KES_CHATEGAY 23792	21.31 -0.73 0.00	19.63 -0.61 0.00	19.28 -0.45 0.00	19.58 -0.12 0.00	20.39 0.06 0.00	22.83 0.25 0.00	27.10 0.27 0.00	28.35 0.34 0.00	29.45 0.35 0.00	29.60 0.35 0.00	29.67 0.03 0.00	30.36 0.27 0.00	29.81 0.32 0.00	29.00 0.32 0.00	27.74 0.08 0.00	27.98 -0.48 0.00	32.53 -1.21 0.00	35.95 -1.93 0.00	32.60 -1.61 0.00	-2.05 -1.41 31.97	27.14 -1.22 0.00	25.60 -0.96 0.00	24.41 -0.75 0.00	23.70 -0.48 0.00
NEG NORTH___ALICE_FALLS 23915	21.40 -0.64 0.00	19.73 -0.51 0.00	19.37 -0.36 0.00	19.70 0.00 0.00	20.52 0.18 0.00	23.02 0.43 0.00	27.32 0.48 0.00	28.66 0.64 0.00	29.82 0.73 0.00	29.95 0.70 0.00	30.03 0.39 0.00	30.69 0.60 0.00	30.16 0.68 0.00	29.40 0.72 0.00	28.12 0.47 0.00	28.38 -0.09 0.00	32.97 -0.78 0.00	36.52 -1.36 0.00	33.05 -1.16 0.00	0.04 -0.94 30.35	27.54 -0.82 0.00	25.97 -0.58 0.00	24.73 -0.43 0.00	24.04 -0.15 0.00
NEG NORTH___LWR_SARANAC 23913	21.40 -0.64 0.00	19.73 -0.51 0.00	19.37 -0.36 0.00	19.70 0.00 0.00	20.52 0.18 0.00	23.02 0.43 0.00	27.32 0.48 0.00	28.66 0.64 0.00	29.82 0.73 0.00	29.95 0.70 0.00	30.03 0.39 0.00	30.69 0.60 0.00	30.16 0.68 0.00	29.40 0.72 0.00	28.12 0.47 0.00	28.38 -0.09 0.00	32.97 -0.78 0.00	36.52 -1.36 0.00	33.05 -1.16 0.00	0.04 -0.94 30.35	27.54 -0.82 0.00	25.97 -0.58 0.00	24.73 -0.43 0.00	24.04 -0.15 0.00
NEG NORTH___PLATTSBURG 23628	21.40 -0.64 0.00	19.71 -0.53 0.00	19.38 -0.35 0.00	19.70 0.00 0.00	20.52 0.18 0.00	23.01 0.43 0.00	27.32 0.48 0.00	28.66 0.64 0.00	29.82 0.73 0.00	29.95 0.70 0.00	30.03 0.38 0.00	30.69 0.60 0.00	30.16 0.68 0.00	29.40 0.72 0.00	28.12 0.47 0.00	28.35 -0.11 0.00	32.97 -0.77 0.00	36.52 -1.36 0.00	32.94 -1.27 0.00	0.01 -0.97 30.35	27.53 -0.82 0.00	26.00 -0.56 0.00	24.79 -0.38 0.00	24.04 -0.14 0.00
NEG WEST_LEA_LOCKPORT 23791	21.93 -0.11 0.00	20.19 -0.04 0.00	19.75 0.02 0.00	19.62 -0.08 0.00	20.33 0.00 0.00	22.61 0.02 0.00	26.68 -0.16 0.00	26.76 -1.26 0.00	27.85 -1.25 0.00	28.02 -1.23 0.00	28.13 -1.51 0.00	28.31 -1.78 0.00	27.80 -1.68 0.00	26.99 -1.69 0.00	25.77 -1.88 0.00	26.50 -1.96 0.00	31.39 -2.36 0.00	35.50 -2.39 0.00	32.02 -2.19 0.00	29.58 -1.75 0.00	27.20 -1.16 0.00	25.15 -1.41 0.00	23.98 -1.18 0.00	23.29 -0.89 0.00
NEG WEST___LANCASTER 23811	22.74 0.71 0.00	20.92 0.69 0.00	20.38 0.65 0.00	20.29 0.59 0.00	21.00 0.67 0.00	23.35 0.77 0.00	27.61 0.78 0.00	27.85 -0.17 0.00	28.95 -0.15 0.00	29.08 -0.18 0.00	29.26 -0.39 0.00	29.49 -0.60 0.00	28.86 -0.62 0.00	28.02 -0.66 0.00	26.85 -0.80 0.00	27.58 -0.88 0.00	32.74 -1.01 0.00	37.12 -0.76 0.00	33.46 -0.75 0.00	30.86 -0.47 0.00	28.33 -0.03 0.00	26.24 -0.32 0.00	24.91 -0.25 0.00	24.16 -0.02 0.00
NEG_PENN_ALLEGHNY 23528	22.46 0.42 0.00	20.64 0.40 0.00	20.06 0.34 0.00	20.01 0.31 0.00	20.68 0.35 0.00	22.99 0.41 0.00	27.29 0.46 0.00	28.33 0.31 0.00	29.42 0.32 0.00	29.60 0.35 0.00	30.00 0.36 0.00	30.39 0.30 0.00	29.72 0.23 0.00	28.88 0.20 0.00	27.85 0.19 0.00	28.72 0.26 0.00	34.05 0.30 0.00	38.53 0.64 0.00	34.83 0.62 0.00	31.81 0.47 0.00	28.84 0.48 0.00	26.90 0.34 0.00	25.47 0.30 0.00	24.52 0.34 0.00
NEG___GEN_MONROE 24207	22.17 0.13 0.00	20.34 0.10 0.00	19.87 0.14 0.00	19.80 0.10 0.00	20.54 0.20 0.00	22.79 0.20 0.00	27.00 0.16 0.00	27.51 -0.50 0.00	28.63 -0.47 0.00	28.81 -0.44 0.00	28.96 -0.68 0.00	29.21 -0.87 0.00	28.69 -0.80 0.00	27.76 -0.92 0.00	26.68 -0.97 0.00	27.41 -1.05 0.00	32.47 -1.28 0.00	36.82 -1.06 0.00	33.25 -0.96 0.00	30.55 -0.78 0.00	27.82 -0.54 0.00	25.82 -0.74 0.00	24.61 -0.55 0.00	23.75 -0.44 0.00
NEPA___ENERGY 23901	22.57 0.53 0.00	20.76 0.53 0.00	20.22 0.49 0.00	20.13 0.43 0.00	20.84 0.51 0.00	23.15 0.56 0.00	27.37 0.54 0.00	27.62 -0.39 0.00	28.72 -0.38 0.00	28.87 -0.38 0.00	29.02 -0.62 0.00	29.21 -0.87 0.00	28.60 -0.88 0.00	27.76 -0.92 0.00	26.60 -1.05 0.00	27.35 -1.11 0.00	32.43 -1.32 0.00	36.78 -1.10 0.00	33.18 -1.03 0.00	30.58 -0.75 0.00	28.07 -0.28 0.00	26.00 -0.56 0.00	24.68 -0.48 0.00	23.94 -0.24 0.00
NEVERSink___HYD 23608	23.01 0.97 0.00	21.05 0.81 0.00	20.50 0.77 0.00	20.43 0.73 0.00	21.06 0.73 0.00	23.31 0.72 0.00	27.94 1.10 0.00	29.31 1.29 0.00	30.52 1.43 0.00	30.65 1.40 0.00	30.91 1.27 0.00	31.38 1.29 0.00	30.78 1.30 0.00	30.00 1.32 0.00	29.03 1.38 0.00	29.94 1.48 0.00	35.81 2.06 0.00	40.69 2.80 0.00	36.57 2.36 0.00	33.28 1.94 0.00	29.97 1.62 0.00	28.02 1.46 0.00	26.47 1.31 0.00	25.37 1.18 0.00
NEWKRMKL_115KV_TB1 55635	22.15 0.11 0.00	20.40 0.16 0.00	19.87 0.14 0.00	19.81 0.12 0.00	20.41 0.08 0.00	22.61 0.02 0.00	26.84 0.00 0.00	28.27 0.25 0.00	29.39 0.29 0.00	29.54 0.29 0.00	30.06 0.41 0.00	30.54 0.45 0.00	29.89 0.41 0.00	29.08 0.40 0.00	28.07 0.41 0.00	28.97 0.51 0.00	34.49 0.74 0.00	38.98 1.10 0.00	34.93 0.72 0.00	31.84 0.50 0.00	28.73 0.37 0.00	26.90 0.35 0.00	25.41 0.25 0.00	24.36 0.17 0.00

NEWTON___FALLS_HYD 23847	21.60 -0.44 0.00	19.81 -0.42 0.00	19.35 -0.37 0.00	19.36 -0.33 0.00	20.05 -0.28 0.00	22.20 -0.38 0.00	26.33 -0.51 0.00	27.54 -0.48 0.00	28.57 -0.52 0.00	28.78 -0.47 0.00	29.05 -0.59 0.00	29.55 -0.54 0.00	28.92 -0.56 0.00	28.11 -0.57 0.00	27.04 -0.61 0.00	27.84 -0.63 0.00	32.70 -1.05 0.00	36.63 -1.25 0.00	33.22 -0.99 0.00	33.64 -0.85 -3.15	27.71 -0.65 0.00	25.92 -0.64 0.00	24.53 -0.63 0.00	23.63 -0.56 0.00
NGRID_A1_DSASP 323792	21.53 -0.51 0.00	20.03 -0.20 0.00	19.30 -0.43 0.00	19.22 -0.47 0.00	19.90 -0.43 0.00	22.16 -0.43 0.00	26.06 -0.78 0.00	26.22 -1.79 0.00	27.18 -1.92 0.00	27.32 -1.93 0.00	27.66 -1.99 0.00	27.98 -2.11 0.00	27.33 -2.15 0.00	26.36 -2.32 0.00	25.36 -2.29 0.00	26.24 -2.22 0.00	30.57 -3.17 0.00	34.51 -3.37 0.00	31.61 -2.60 0.00	28.89 -2.44 0.00	26.49 -1.87 0.00	24.51 -2.04 0.00	23.38 -1.79 0.00	22.81 -1.38 0.00
NGRID_A2_DSASP 323793	21.53 -0.51 0.00	20.03 -0.20 0.00	19.30 -0.43 0.00	19.22 -0.47 0.00	19.90 -0.43 0.00	22.16 -0.43 0.00	26.06 -0.78 0.00	26.22 -1.79 0.00	27.18 -1.92 0.00	27.32 -1.93 0.00	27.66 -1.99 0.00	27.98 -2.11 0.00	27.33 -2.15 0.00	26.36 -2.32 0.00	25.36 -2.29 0.00	26.24 -2.22 0.00	30.57 -3.17 0.00	34.51 -3.37 0.00	31.61 -2.60 0.00	28.89 -2.44 0.00	26.49 -1.87 0.00	24.51 -2.04 0.00	23.38 -1.79 0.00	22.81 -1.38 0.00
NGRID_A4_DSASP 323807	21.53 -0.51 0.00	20.03 -0.20 0.00	19.30 -0.43 0.00	19.22 -0.47 0.00	19.90 -0.43 0.00	22.16 -0.43 0.00	26.06 -0.78 0.00	26.22 -1.79 0.00	27.18 -1.92 0.00	27.32 -1.93 0.00	27.66 -1.99 0.00	27.98 -2.11 0.00	27.33 -2.15 0.00	26.36 -2.32 0.00	25.36 -2.29 0.00	26.24 -2.22 0.00	30.57 -3.17 0.00	34.51 -3.37 0.00	31.61 -2.60 0.00	28.89 -2.44 0.00	26.49 -1.87 0.00	24.51 -2.04 0.00	23.38 -1.79 0.00	22.81 -1.38 0.00
NIAGARA_115E_LBMP 323715	21.55 -0.48 0.00	20.03 -0.20 0.00	19.43 -0.30 0.00	19.36 -0.33 0.00	20.01 -0.33 0.00	22.20 -0.38 0.00	26.17 -0.67 0.00	26.34 -1.68 0.00	27.29 -1.80 0.00	27.44 -1.81 0.00	27.77 -1.87 0.00	28.10 -1.99 0.00	27.45 -2.03 0.00	26.47 -2.21 0.00	25.47 -2.19 0.00	26.36 -2.11 0.00	30.74 -3.00 0.00	34.74 -3.14 0.00	31.78 -2.43 0.00	29.05 -2.29 0.00	26.63 -1.73 0.00	24.62 -1.94 0.00	23.48 -1.69 0.00	22.90 -1.28 0.00
NIAGARA_115W_LBMP 323714	21.47 -0.57 0.00	19.99 -0.24 0.00	19.26 -0.47 0.00	19.17 -0.53 0.00	19.84 -0.49 0.00	22.11 -0.48 0.00	25.98 -0.86 0.00	26.14 -1.88 0.00	27.09 -2.01 0.00	27.23 -2.02 0.00	27.60 -2.04 0.00	27.92 -2.17 0.00	27.27 -2.21 0.00	26.30 -2.38 0.00	25.30 -2.35 0.00	26.18 -2.28 0.00	30.51 -3.24 0.00	34.44 -3.45 0.00	31.51 -2.70 0.00	28.80 -2.54 0.00	26.40 -1.96 0.00	24.43 -2.13 0.00	23.30 -1.86 0.00	22.74 -1.45 0.00
NIAGARA_230_LBMP 323716	21.73 -0.31 0.00	20.20 -0.04 0.00	19.53 -0.20 0.00	19.46 -0.24 0.00	20.13 -0.20 0.00	22.38 -0.20 0.00	26.35 -0.48 0.00	26.59 -1.43 0.00	27.53 -1.57 0.00	27.70 -1.55 0.00	28.04 -1.60 0.00	28.34 -1.75 0.00	27.71 -1.77 0.00	26.73 -1.95 0.00	25.72 -1.94 0.00	26.61 -1.85 0.00	31.02 -2.73 0.00	35.04 -2.84 0.00	32.05 -2.15 0.00	29.30 -2.04 0.00	26.85 -1.50 0.00	24.86 -1.70 0.00	23.68 -1.48 0.00	23.10 -1.09 0.00
NIAGARA___115KV_198_GIBSON 55903	21.47 -0.57 0.00	19.71 -0.53 0.00	19.26 -0.47 0.00	19.24 -0.45 0.00	19.91 -0.43 0.00	22.11 -0.47 0.00	25.98 -0.86 0.00	26.03 -1.99 0.00	27.09 -2.01 0.00	27.26 -1.99 0.00	27.39 -2.25 0.00	27.56 -2.53 0.00	27.06 -2.42 0.00	26.27 -2.41 0.00	25.08 -2.57 0.00	25.79 -2.68 0.00	30.47 -3.27 0.00	34.44 -3.45 0.00	31.06 -3.15 0.00	28.73 -2.60 0.00	26.40 -1.96 0.00	24.46 -2.10 0.00	23.35 -1.81 0.00	22.71 -1.48 0.00
NIAGARA____ 23760	21.73 -0.31 0.00	20.20 -0.04 0.00	19.53 -0.20 0.00	19.46 -0.24 0.00	20.13 -0.20 0.00	22.38 -0.20 0.00	26.35 -0.48 0.00	26.59 -1.43 0.00	27.53 -1.57 0.00	27.70 -1.55 0.00	28.04 -1.60 0.00	28.34 -1.75 0.00	27.71 -1.77 0.00	26.73 -1.95 0.00	25.72 -1.94 0.00	26.61 -1.85 0.00	31.02 -2.73 0.00	35.04 -2.84 0.00	32.05 -2.15 0.00	29.30 -2.04 0.00	26.85 -1.50 0.00	24.86 -1.70 0.00	23.68 -1.48 0.00	23.10 -1.09 0.00
NINE_MILE_1 23575	21.49 -0.55 0.00	19.75 -0.49 0.00	19.24 -0.49 0.00	19.18 -0.51 0.00	19.83 -0.51 0.00	22.02 -0.56 0.00	26.11 -0.72 0.00	27.06 -0.95 0.00	28.08 -1.02 0.00	28.23 -1.02 0.00	28.63 -1.01 0.00	29.03 -1.05 0.00	28.45 -1.03 0.00	27.65 -1.03 0.00	26.66 -0.99 0.00	27.47 -1.00 0.00	32.54 -1.21 0.00	36.67 -1.21 0.00	33.11 -1.10 0.00	30.27 -1.07 0.00	27.45 -0.91 0.00	25.66 -0.90 0.00	24.31 -0.86 0.00	23.44 -0.75 0.00
NINE_MILE_2 23744	21.49 -0.55 0.00	19.75 -0.49 0.00	19.24 -0.49 0.00	19.18 -0.51 0.00	19.83 -0.51 0.00	22.02 -0.56 0.00	26.11 -0.72 0.00	27.06 -0.95 0.00	28.08 -1.02 0.00	28.23 -1.02 0.00	28.63 -1.01 0.00	29.03 -1.05 0.00	28.45 -1.03 0.00	27.65 -1.03 0.00	26.66 -0.99 0.00	27.47 -1.00 0.00	32.54 -1.21 0.00	36.67 -1.21 0.00	33.11 -1.10 0.00	30.27 -1.07 0.00	27.45 -0.91 0.00	25.66 -0.90 0.00	24.33 -0.83 0.00	23.44 -0.75 0.00
NM_CAPITAL___DRP 24208	22.19 0.15 0.00	20.44 0.20 0.00	19.91 0.18 0.00	19.85 0.16 0.00	20.43 0.10 0.00	22.65 0.07 0.00	26.89 0.05 0.00	28.35 0.34 0.00	29.45 0.35 0.00	29.57 0.32 0.00	30.09 0.44 0.00	30.57 0.48 0.00	29.95 0.47 0.00	29.14 0.46 0.00	28.12 0.47 0.00	29.03 0.57 0.00	34.56 0.81 0.00	39.09 1.21 0.00	35.00 0.79 0.00	31.90 0.56 0.00	28.78 0.43 0.00	26.98 0.42 0.00	25.49 0.33 0.00	24.43 0.24 0.00
NM_CENTRAL___DRP 24181	21.97 -0.07 0.00	20.17 -0.06 0.00	19.65 -0.08 0.00	19.60 -0.10 0.00	20.23 -0.10 0.00	22.52 -0.07 0.00	26.73 -0.11 0.00	27.76 -0.25 0.00	28.84 -0.26 0.00	28.99 -0.26 0.00	29.32 -0.33 0.00	29.70 -0.39 0.00	29.10 -0.38 0.00	28.31 -0.37 0.00	27.29 -0.36 0.00	28.06 -0.40 0.00	33.24 -0.51 0.00	37.58 -0.30 0.00	33.83 -0.38 0.00	30.96 -0.38 0.00	28.10 -0.26 0.00	26.32 -0.24 0.00	24.96 -0.20 0.00	23.99 -0.19 0.00
NM_FRONTIER___DRP 24179	21.47 -0.57 0.00	19.71 -0.53 0.00	19.26 -0.47 0.00	19.24 -0.45 0.00	19.91 -0.43 0.00	22.11 -0.47 0.00	25.98 -0.86 0.00	26.03 -1.99 0.00	27.09 -2.01 0.00	27.26 -1.99 0.00	27.39 -2.25 0.00	27.56 -2.53 0.00	27.06 -2.42 0.00	26.27 -2.41 0.00	25.08 -2.57 0.00	25.79 -2.68 0.00	30.47 -3.27 0.00	34.44 -3.45 0.00	31.06 -3.15 0.00	28.73 -2.60 0.00	26.40 -1.96 0.00	24.46 -2.10 0.00	23.35 -1.81 0.00	22.71 -1.48 0.00
NM_ST_REGIS___HYD 24053	21.62 -0.42 0.00	19.87 -0.36 0.00	19.45 -0.28 0.00	19.58 -0.12 0.00	20.27 -0.06 0.00	22.45 -0.14 0.00	26.54 -0.30 0.00	27.82 -0.20 0.00	28.89 -0.20 0.00	29.08 -0.18 0.00	29.34 -0.30 0.00	30.00 -0.09 0.00	29.42 -0.06 0.00	28.59 -0.09 0.00	27.43 -0.22 0.00	28.06 -0.40 0.00	32.63 -1.11 0.00	36.14 -1.74 0.00	32.87 -1.33 0.00	38.17 -1.07 -7.90	27.54 -0.82 0.00	25.84 -0.72 0.00	24.61 -0.55 0.00	23.80 -0.39 0.00

NORTHPORT___1 23551	23.52 1.48 0.00	21.53 1.30 0.00	20.97 1.24 0.00	20.84 1.14 0.00	21.53 1.20 0.00	23.87 1.29 0.00	28.77 1.93 0.00	34.19 2.27 -3.90	34.97 2.47 -3.40	33.15 2.31 -1.59	36.21 2.19 -4.37	38.36 2.14 -6.14	37.30 2.18 -5.64	37.62 2.18 -6.76	35.23 2.24 -5.34	39.09 2.30 -8.32	47.41 3.14 -10.52	54.83 3.90 -13.05	54.88 3.32 -17.36	42.48 2.76 -8.39	40.24 2.27 -9.62	36.40 2.13 -7.72	30.40 2.04 -3.20	27.71 1.89 -1.64
NORTHPORT___2 23552	23.52 1.48 0.00	21.53 1.30 0.00	20.97 1.24 0.00	20.84 1.14 0.00	21.53 1.20 0.00	23.87 1.29 0.00	28.77 1.93 0.00	34.19 2.27 -3.90	34.97 2.47 -3.40	33.15 2.31 -1.59	36.21 2.19 -4.37	38.36 2.14 -6.14	37.30 2.18 -5.64	37.62 2.18 -6.76	35.23 2.24 -5.34	39.09 2.30 -8.32	47.41 3.14 -10.52	54.83 3.90 -13.05	54.88 3.32 -17.36	42.48 2.76 -8.39	40.24 2.27 -9.62	36.40 2.13 -7.72	30.40 2.04 -3.20	27.71 1.89 -1.64
NORTHPORT___3 23553	23.12 1.08 0.00	21.15 0.91 0.00	20.60 0.87 0.00	20.49 0.79 0.00	21.15 0.81 0.00	23.47 0.88 0.00	28.26 1.42 0.00	33.55 1.62 -3.90	34.24 1.75 -3.40	32.74 1.90 -1.59	35.79 1.78 -4.37	38.00 1.77 -6.14	36.95 1.83 -5.64	37.31 1.86 -6.76	34.90 1.91 -5.34	38.66 1.88 -8.32	46.53 2.26 -10.52	53.92 2.99 -13.05	54.03 2.46 -17.36	41.70 1.98 -8.39	39.70 1.73 -9.62	36.05 1.78 -7.72	30.00 1.63 -3.20	27.30 1.48 -1.64
NORTHPORT___4 23650	23.12 1.08 0.00	21.15 0.91 0.00	20.60 0.87 0.00	20.49 0.79 0.00	21.15 0.81 0.00	23.47 0.88 0.00	28.26 1.42 0.00	33.55 1.62 -3.90	34.24 1.75 -3.40	32.74 1.90 -1.59	35.79 1.78 -4.37	38.00 1.77 -6.14	36.95 1.83 -5.64	37.31 1.86 -6.76	34.90 1.91 -5.34	38.66 1.88 -8.32	46.53 2.26 -10.52	53.92 2.99 -13.05	54.03 2.46 -17.36	41.70 1.98 -8.39	39.70 1.73 -9.62	36.05 1.78 -7.72	30.00 1.63 -3.20	27.30 1.48 -1.64
NORTHPORT___IC 23718	23.52 1.48 0.00	21.53 1.30 0.00	20.97 1.24 0.00	20.84 1.14 0.00	21.53 1.20 0.00	23.87 1.29 0.00	28.77 1.93 0.00	34.19 2.27 -3.90	34.97 2.47 -3.40	33.15 2.31 -1.59	36.21 2.19 -4.37	38.36 2.14 -6.14	37.30 2.18 -5.64	37.62 2.18 -6.76	35.23 2.24 -5.34	39.09 2.30 -8.32	47.41 3.14 -10.52	54.83 3.90 -13.05	54.88 3.32 -17.36	42.48 2.76 -8.39	40.24 2.27 -9.62	36.40 2.13 -7.72	30.40 2.04 -3.20	27.71 1.89 -1.64
NORTH___COUNTRY_ESR 323785	21.22 -0.82 0.00	19.55 -0.69 0.00	19.20 -0.53 0.00	19.50 -0.20 0.00	20.31 -0.02 0.00	22.75 0.16 0.00	27.00 0.16 0.00	28.24 0.22 0.00	29.39 0.29 0.00	29.51 0.26 0.00	29.58 -0.06 0.00	30.27 0.18 0.00	29.72 0.23 0.00	28.91 0.23 0.00	27.65 0.00 0.00	27.86 -0.60 0.00	32.40 -1.35 0.00	35.80 -2.08 0.00	32.33 -1.88 0.00	-2.25 -1.57 32.02	27.00 -1.36 0.00	25.50 -1.06 0.00	24.33 -0.83 0.00	23.63 -0.56 0.00
NPX_GEN_1385_PROXY 323591	23.38 1.34 0.00	21.41 1.17 0.00	20.85 1.12 0.00	20.74 1.04 0.00	21.41 1.08 0.00	23.76 1.17 0.00	28.71 1.88 0.00	34.08 2.16 -3.90	34.83 2.33 -3.40	32.89 2.05 -1.59	35.88 1.87 -4.37	37.70 1.47 -6.14	36.80 1.68 -5.64	37.08 1.63 -6.76	34.71 1.72 -5.34	38.61 1.82 -8.32	46.83 2.56 -10.52	53.35 2.84 -12.63	50.10 2.29 -13.60	41.89 2.16 -8.39	39.59 1.62 -9.62	35.84 1.57 -7.72	30.10 1.73 -3.20	27.49 1.67 -1.64
NPX_GEN_CSC 323557	23.60 1.56 0.00	21.71 1.48 0.00	21.15 1.42 0.00	21.02 1.32 0.00	21.73 1.40 0.00	24.03 1.45 0.00	28.90 2.07 0.00	34.39 2.47 -3.90	35.17 2.68 -3.40	32.92 2.08 -1.59	35.94 1.93 -4.37	38.12 1.90 -6.14	37.04 1.92 -5.64	37.40 1.95 -6.76	35.01 2.02 -5.34	38.86 2.08 -8.32	47.34 3.07 -10.52	54.90 3.98 -13.05	54.92 3.35 -17.36	42.42 2.70 -8.39	40.16 2.18 -9.62	36.27 1.99 -7.72	30.35 1.99 -3.20	27.83 2.01 -1.64
NSINS_S_GLNS_FALLS 23858	23.10 1.06 0.00	21.17 0.93 0.00	20.60 0.87 0.00	20.56 0.87 0.00	21.06 0.73 0.00	23.44 0.86 0.00	27.94 1.10 0.00	29.25 1.23 0.00	30.41 1.31 0.00	30.68 1.43 0.00	31.24 1.60 0.00	31.77 1.68 0.00	31.01 1.53 0.00	30.17 1.49 0.00	29.12 1.47 0.00	30.03 1.57 0.00	35.81 2.06 0.00	40.53 2.65 0.00	36.30 2.09 0.00	33.06 1.72 0.00	29.83 1.47 0.00	27.86 1.30 0.00	26.19 1.03 0.00	25.08 0.89 0.00
NUCOR_STEEL___DRP 24197	22.55 0.51 0.00	20.68 0.45 0.00	20.14 0.41 0.00	20.09 0.39 0.00	20.78 0.45 0.00	23.15 0.56 0.00	27.53 0.70 0.00	28.58 0.56 0.00	29.68 0.58 0.00	29.92 0.67 0.00	30.32 0.68 0.00	30.66 0.57 0.00	29.98 0.50 0.00	29.14 0.46 0.00	28.07 0.41 0.00	28.89 0.43 0.00	33.78 0.03 0.00	38.22 0.34 0.00	34.41 0.21 0.00	31.52 0.19 0.00	28.58 0.23 0.00	26.69 0.13 0.00	25.29 0.13 0.00	24.31 0.12 0.00
NUMBER_THREE_WT_PWR 323818	22.04 0.00 0.00	20.20 -0.04 0.00	19.73 0.00 0.00	19.70 0.00 0.00	20.37 0.04 0.00	22.68 0.09 0.00	26.97 0.13 0.00	28.19 0.17 0.00	29.18 0.09 0.00	29.46 0.21 0.00	29.58 -0.06 0.00	30.00 -0.09 0.00	29.24 -0.24 0.00	28.45 -0.23 0.00	27.38 -0.28 0.00	28.26 -0.20 0.00	33.55 -0.20 0.00	37.92 0.04 0.00	34.28 0.07 0.00	32.78 0.06 -1.39	28.41 0.06 0.00	26.53 -0.03 0.00	24.99 -0.17 0.00	23.99 -0.19 0.00
NYISO_LBMP_REFERENCE 24008	22.04 0.00 0.00	20.24 0.00 0.00	19.73 0.00 0.00	19.70 0.00 0.00	20.33 0.00 0.00	22.59 0.00 0.00	26.84 0.00 0.00	28.02 0.00 0.00	29.10 0.00 0.00	29.25 0.00 0.00	29.64 0.00 0.00	30.09 0.00 0.00	29.48 0.00 0.00	28.68 0.00 0.00	27.65 0.00 0.00	28.46 0.00 0.00	33.75 0.00 0.00	37.88 0.00 0.00	34.21 0.00 0.00	31.33 0.00 0.00	28.36 0.00 0.00	26.56 0.00 0.00	25.16 0.00 0.00	24.19 0.00 0.00
NYPA_BRENTWD___GT 24164	23.67 1.63 0.00	21.69 1.46 0.00	21.11 1.38 0.00	20.98 1.28 0.00	21.70 1.36 0.00	24.08 1.49 0.00	29.01 2.17 0.00	34.47 2.55 -3.90	35.29 2.79 -3.40	33.44 2.60 -1.59	36.51 2.49 -4.37	38.66 2.44 -6.14	37.60 2.48 -5.64	37.94 2.49 -6.76	35.54 2.54 -5.34	39.40 2.62 -8.32	47.84 3.58 -10.52	55.40 4.47 -13.05	55.40 3.83 -17.36	42.89 3.16 -8.39	40.61 2.64 -9.62	36.69 2.42 -7.72	30.65 2.29 -3.20	27.95 2.13 -1.64
NYPA_GOWANUS___GT5 24156	23.28 1.23 -0.01	21.38 1.13 -0.01	20.76 1.03 -0.01	20.71 1.00 -0.01	21.34 1.00 -0.01	23.49 0.90 0.00	27.99 1.15 0.00	29.19 1.18 0.01	30.52 1.43 0.01	30.71 1.46 0.01	30.82 1.19 0.01	31.25 1.17 0.01	30.74 1.27 0.01	30.02 1.35 0.01	29.14 1.49 0.01	29.82 1.37 0.01	35.84 2.09 0.01	40.75 2.88 0.01	36.60 2.39 0.01	33.24 1.91 0.01	29.71 1.36 0.01	27.80 1.25 0.01	26.55 1.38 0.00	25.81 1.62 0.00
NYPA_GOWANUS___GT6 24157	23.28 1.23 -0.01	21.38 1.13 -0.01	20.76 1.03 -0.01	20.71 1.00 -0.01	21.34 1.00 -0.01	23.49 0.90 0.00	27.99 1.15 0.00	29.19 1.18 0.01	30.52 1.43 0.01	30.71 1.46 0.01	30.82 1.19 0.01	31.25 1.17 0.01	30.74 1.27 0.01	30.02 1.35 0.01	29.14 1.49 0.01	29.82 1.37 0.01	35.84 2.09 0.01	40.75 2.88 0.01	36.60 2.39 0.01	33.24 1.91 0.01	29.71 1.36 0.01	27.80 1.25 0.01	26.55 1.38 0.00	25.81 1.62 0.00

NYPA_HARLEM__RVR__GT1 24160	23.19 1.15 -0.01	21.21 0.97 -0.01	20.72 0.99 -0.01	20.63 0.93 -0.01	21.23 0.89 -0.01	23.35 0.77 0.00	27.96 1.13 0.00	29.30 1.29 0.01	30.60 1.51 0.01	30.73 1.49 0.01	30.94 1.30 0.01	31.37 1.29 0.01	30.86 1.39 0.01	30.11 1.43 0.01	29.19 1.55 0.01	29.93 1.48 0.01	35.87 2.13 0.01	40.68 2.80 0.01	36.53 2.33 0.01	33.21 1.88 0.01	29.77 1.42 0.01	27.85 1.30 0.01	26.44 1.28 0.00	25.54 1.35 0.00
NYPA_HARLEM__RVR__GT2 24161	23.19 1.15 -0.01	21.21 0.97 -0.01	20.72 0.99 -0.01	20.63 0.93 -0.01	21.23 0.89 -0.01	23.35 0.77 0.00	27.96 1.13 0.00	29.30 1.29 0.01	30.60 1.51 0.01	30.73 1.49 0.01	30.94 1.30 0.01	31.37 1.29 0.01	30.86 1.39 0.01	30.11 1.43 0.01	29.19 1.55 0.01	29.93 1.48 0.01	35.87 2.13 0.01	40.68 2.80 0.01	36.53 2.33 0.01	33.21 1.88 0.01	29.77 1.42 0.01	27.85 1.30 0.01	26.44 1.28 0.00	25.54 1.35 0.00
NYPA_KENT____GT 24152	23.24 1.19 -0.01	21.23 0.99 -0.01	20.68 0.95 -0.01	20.61 0.91 -0.01	21.21 0.87 -0.01	23.42 0.84 0.00	28.04 1.21 0.00	29.39 1.37 0.00	30.70 1.60 0.00	30.86 1.61 0.00	31.03 1.39 0.00	31.47 1.38 0.00	30.96 1.47 0.00	30.20 1.52 0.00	29.28 1.63 0.00	30.03 1.56 0.00	36.01 2.26 0.00	40.87 2.99 0.00	36.70 2.50 0.00	33.34 2.01 0.00	29.86 1.50 0.00	27.97 1.41 0.00	26.55 1.38 0.00	25.59 1.40 0.00
NYPA_POUCH1____GT 24155	23.19 1.15 -0.01	21.32 1.07 -0.01	20.72 0.99 -0.01	20.65 0.95 -0.01	21.28 0.94 -0.01	23.44 0.86 0.00	27.94 1.10 0.00	29.13 1.12 0.01	30.46 1.37 0.01	30.65 1.40 0.01	30.76 1.13 0.01	31.19 1.11 0.01	30.68 1.21 0.01	29.97 1.29 0.01	29.08 1.44 0.01	29.77 1.31 0.01	35.77 2.02 0.01	40.68 2.80 0.01	36.53 2.33 0.01	33.18 1.85 0.01	29.66 1.31 0.01	27.75 1.20 0.01	26.50 1.33 0.00	25.74 1.55 0.00
NYPA_VERNON____GT2 24162	23.19 1.15 -0.01	21.17 0.93 -0.01	20.67 0.93 -0.01	20.57 0.87 -0.01	21.19 0.85 -0.01	23.40 0.81 0.00	28.07 1.24 0.00	29.44 1.43 0.00	30.73 1.63 0.00	30.89 1.64 0.00	31.09 1.45 0.00	31.50 1.41 0.00	30.98 1.50 0.00	30.23 1.55 0.00	29.31 1.66 0.00	30.06 1.59 0.00	36.01 2.26 0.00	40.84 2.96 0.00	36.67 2.46 0.00	33.34 2.01 0.00	29.89 1.53 0.00	27.99 1.43 0.00	26.55 1.38 0.00	25.52 1.33 0.00
NYPA_VERNON____GT3 24163	23.19 1.15 -0.01	21.17 0.93 -0.01	20.67 0.93 -0.01	20.57 0.87 -0.01	21.19 0.85 -0.01	23.40 0.81 0.00	28.07 1.24 0.00	29.44 1.43 0.00	30.73 1.63 0.00	30.89 1.64 0.00	31.09 1.45 0.00	31.50 1.41 0.00	30.98 1.50 0.00	30.23 1.55 0.00	29.31 1.66 0.00	30.06 1.59 0.00	36.01 2.26 0.00	40.84 2.96 0.00	36.67 2.46 0.00	33.34 2.01 0.00	29.89 1.53 0.00	27.99 1.43 0.00	26.55 1.38 0.00	25.52 1.33 0.00
NYPA__ASTORIA_CC1 323568	23.19 1.15 -0.01	21.17 0.93 -0.01	20.66 0.93 -0.01	20.57 0.87 -0.01	21.19 0.85 -0.01	23.38 0.79 0.00	28.04 1.21 0.00	29.39 1.37 0.00	30.70 1.60 0.00	30.83 1.58 0.00	31.03 1.39 0.00	31.47 1.38 0.00	30.93 1.44 0.00	30.20 1.52 0.00	29.26 1.60 0.00	30.03 1.56 0.00	35.94 2.19 0.00	40.76 2.88 0.00	36.60 2.39 0.00	33.28 1.94 0.00	29.83 1.47 0.00	27.97 1.41 0.00	26.50 1.33 0.00	25.49 1.31 0.00
NYPA__ASTORIA_CC2 323569	23.19 1.15 -0.01	21.17 0.93 -0.01	20.66 0.93 -0.01	20.57 0.87 -0.01	21.19 0.85 -0.01	23.38 0.79 0.00	28.04 1.21 0.00	29.39 1.37 0.00	30.70 1.60 0.00	30.83 1.58 0.00	31.03 1.39 0.00	31.47 1.38 0.00	30.93 1.44 0.00	30.20 1.52 0.00	29.26 1.60 0.00	30.03 1.56 0.00	35.94 2.19 0.00	40.76 2.88 0.00	36.60 2.39 0.00	33.28 1.94 0.00	29.83 1.47 0.00	27.97 1.41 0.00	26.50 1.33 0.00	25.49 1.31 0.00
NYPA__HOLTSVILL 23794	23.56 1.52 0.00	21.61 1.38 0.00	21.05 1.32 0.00	20.92 1.22 0.00	21.61 1.28 0.00	23.96 1.38 0.00	28.87 2.04 0.00	34.33 2.41 -3.90	35.12 2.62 -3.40	33.18 2.34 -1.59	36.21 2.19 -4.37	38.39 2.17 -6.14	37.33 2.21 -5.64	37.65 2.21 -6.76	35.29 2.29 -5.34	39.12 2.33 -8.32	47.54 3.27 -10.52	55.09 4.17 -13.05	55.09 3.52 -17.36	42.61 2.88 -8.39	40.36 2.38 -9.62	36.48 2.20 -7.72	30.45 2.09 -3.20	27.81 1.98 -1.64
NYPA__HELLGATE_GT1 24158	23.19 1.15 -0.01	21.21 0.97 -0.01	20.72 0.99 -0.01	20.63 0.93 -0.01	21.23 0.89 -0.01	23.35 0.77 0.00	27.96 1.13 0.00	29.30 1.29 0.01	30.60 1.51 0.01	30.73 1.49 0.01	30.94 1.30 0.01	31.37 1.29 0.01	30.86 1.39 0.01	30.11 1.43 0.01	29.19 1.55 0.01	29.93 1.48 0.01	35.87 2.13 0.01	40.68 2.80 0.01	36.53 2.33 0.01	33.21 1.88 0.01	29.77 1.42 0.01	27.85 1.30 0.01	26.44 1.28 0.00	25.54 1.35 0.00
NYPA__HELLGATE_GT2 24159	23.19 1.15 -0.01	21.21 0.97 -0.01	20.72 0.99 -0.01	20.63 0.93 -0.01	21.23 0.89 -0.01	23.35 0.77 0.00	27.96 1.13 0.00	29.30 1.29 0.01	30.60 1.51 0.01	30.73 1.49 0.01	30.94 1.30 0.01	31.37 1.29 0.01	30.86 1.39 0.01	30.11 1.43 0.01	29.19 1.55 0.01	29.93 1.48 0.01	35.87 2.13 0.01	40.68 2.80 0.01	36.53 2.33 0.01	33.21 1.88 0.01	29.77 1.42 0.01	27.85 1.30 0.01	26.44 1.28 0.00	25.54 1.35 0.00
NYS_BARGE__HYD 23848	21.93 -0.11 0.00	20.36 0.12 0.00	19.73 0.00 0.00	19.66 -0.04 0.00	20.33 0.00 0.00	22.59 0.00 0.00	26.68 -0.16 0.00	26.87 -1.15 0.00	27.85 -1.25 0.00	27.99 -1.26 0.00	28.37 -1.27 0.00	28.67 -1.41 0.00	28.01 -1.47 0.00	26.99 -1.69 0.00	25.96 -1.69 0.00	26.90 -1.57 0.00	31.42 -2.33 0.00	35.50 -2.39 0.00	32.50 -1.71 0.00	29.67 -1.66 0.00	27.19 -1.16 0.00	25.15 -1.41 0.00	23.93 -1.23 0.00	23.34 -0.85 0.00
OAK ORCHARD__HYD 24046	22.06 0.02 0.00	20.38 0.14 0.00	19.75 0.02 0.00	19.70 0.00 0.00	20.39 0.06 0.00	22.70 0.11 0.00	26.94 0.11 0.00	27.60 -0.42 0.00	28.63 -0.47 0.00	28.87 -0.38 0.00	29.26 -0.39 0.00	29.60 -0.48 0.00	28.95 -0.53 0.00	28.02 -0.66 0.00	26.96 -0.69 0.00	27.86 -0.60 0.00	32.74 -1.01 0.00	37.01 -0.87 0.00	33.70 -0.51 0.00	30.77 -0.56 0.00	28.02 -0.34 0.00	25.97 -0.58 0.00	24.63 -0.53 0.00	23.82 -0.36 0.00
OAKDALE__35_KV_LOAD 356122	22.39 0.35 0.00	20.56 0.32 0.00	20.03 0.30 0.00	19.97 0.28 0.00	20.62 0.28 0.00	22.93 0.34 0.00	27.24 0.40 0.00	28.24 0.22 0.00	29.33 0.23 0.00	29.51 0.26 0.00	29.85 0.21 0.00	30.21 0.12 0.00	29.60 0.12 0.00	28.77 0.09 0.00	27.74 0.08 0.00	28.55 0.09 0.00	33.92 0.17 0.00	38.37 0.49 0.00	34.59 0.38 0.00	31.65 0.31 0.00	28.73 0.37 0.00	26.82 0.27 0.00	25.36 0.20 0.00	24.43 0.24 0.00
OCC_CHEM__DRP 24175	21.53 -0.51 0.00	19.75 -0.49 0.00	19.32 -0.41 0.00	19.30 -0.39 0.00	19.95 -0.39 0.00	22.16 -0.43 0.00	26.06 -0.78 0.00	26.11 -1.91 0.00	27.18 -1.92 0.00	27.35 -1.90 0.00	27.45 -2.19 0.00	27.62 -2.47 0.00	27.15 -2.33 0.00	26.36 -2.32 0.00	25.16 -2.49 0.00	25.84 -2.62 0.00	30.58 -3.17 0.00	34.51 -3.37 0.00	31.13 -3.08 0.00	28.83 -2.51 0.00	26.49 -1.87 0.00	24.54 -2.02 0.00	23.40 -1.76 0.00	22.78 -1.40 0.00

OH_GEN_PROXY 24063	21.75 -0.29 0.00	20.22 -0.02 0.00	19.55 -0.18 0.00	19.46 -0.24 0.00	20.15 -0.18 0.00	22.38 -0.20 0.00	26.38 -0.46 0.00	26.64 -1.37 0.00	27.61 -1.48 0.00	27.76 -1.49 0.00	28.13 -1.51 0.00	28.43 -1.65 0.00	27.77 -1.71 0.00	26.82 -1.86 0.00	25.80 -1.85 0.00	26.70 -1.76 0.00	31.15 -2.60 0.00	35.15 -2.73 0.00	32.16 -2.05 0.00	29.39 -1.94 0.00	26.94 -1.42 0.00	24.94 -1.62 0.00	23.75 -1.41 0.00	23.15 -1.04 0.00
OLIN_CORP_DRP 24177	21.60 -0.44 0.00	19.91 -0.32 0.00	19.47 -0.26 0.00	19.32 -0.37 0.00	20.01 -0.33 0.00	22.25 -0.34 0.00	26.22 -0.62 0.00	26.28 -1.74 0.00	27.35 -1.75 0.00	27.52 -1.73 0.00	27.63 -2.02 0.00	27.80 -2.29 0.00	27.33 -2.15 0.00	26.53 -2.15 0.00	25.33 -2.32 0.00	26.01 -2.45 0.00	30.81 -2.94 0.00	34.81 -3.07 0.00	31.40 -2.81 0.00	29.05 -2.29 0.00	26.68 -1.67 0.00	24.70 -1.86 0.00	23.55 -1.61 0.00	22.90 -1.28 0.00
OLIN_CORP_DSASP 323712	21.53 -0.51 0.00	20.03 -0.20 0.00	19.30 -0.43 0.00	19.22 -0.47 0.00	19.90 -0.43 0.00	22.16 -0.43 0.00	26.06 -0.78 0.00	26.22 -1.79 0.00	27.18 -1.92 0.00	27.32 -1.93 0.00	27.66 -1.99 0.00	27.98 -2.11 0.00	27.33 -2.15 0.00	26.36 -2.32 0.00	25.36 -2.29 0.00	26.24 -2.22 0.00	30.57 -3.17 0.00	34.51 -3.37 0.00	31.61 -2.60 0.00	28.89 -2.44 0.00	26.49 -1.87 0.00	24.51 -2.04 0.00	23.38 -1.79 0.00	22.81 -1.38 0.00
ONEIDA_HERK_LFGE 323681	22.39 0.35 0.00	20.52 0.28 0.00	20.03 0.30 0.00	19.97 0.28 0.00	20.66 0.32 0.00	22.99 0.41 0.00	27.37 0.54 0.00	28.61 0.59 0.00	29.65 0.55 0.00	29.92 0.67 0.00	30.26 0.62 0.00	30.69 0.60 0.00	29.98 0.50 0.00	29.17 0.49 0.00	28.09 0.44 0.00	28.97 0.51 0.00	34.42 0.67 0.00	38.83 0.95 0.00	35.06 0.86 0.00	32.71 0.72 -0.66	29.01 0.65 0.00	27.09 0.53 0.00	25.59 0.43 0.00	24.55 0.36 0.00
ONEIDA___115KV_TB4 55905	22.66 0.62 0.00	20.78 0.55 0.00	20.26 0.53 0.00	20.21 0.51 0.00	20.88 0.55 0.00	23.29 0.70 0.00	27.69 0.86 0.00	28.89 0.87 0.00	30.00 0.90 0.00	30.22 0.97 0.00	30.59 0.95 0.00	30.99 0.90 0.00	30.34 0.85 0.00	29.51 0.83 0.00	28.45 0.80 0.00	29.34 0.88 0.00	34.86 1.11 0.00	39.36 1.48 0.00	35.44 1.23 0.00	32.40 1.07 0.00	29.35 0.99 0.00	27.44 0.88 0.00	25.92 0.75 0.00	24.89 0.70 0.00
ONONDAGA_REF_OCCRA 23987	22.11 0.07 0.00	20.30 0.06 0.00	19.77 0.04 0.00	19.72 0.02 0.00	20.37 0.04 0.00	22.68 0.09 0.00	26.92 0.08 0.00	27.96 -0.06 0.00	29.04 -0.06 0.00	29.22 -0.03 0.00	29.58 -0.06 0.00	29.97 -0.12 0.00	29.33 -0.15 0.00	28.54 -0.14 0.00	27.51 -0.14 0.00	28.29 -0.17 0.00	33.51 -0.24 0.00	37.88 0.00 0.00	34.11 -0.10 0.00	31.21 -0.13 0.00	28.33 -0.03 0.00	26.51 -0.05 0.00	25.11 -0.05 0.00	24.16 -0.02 0.00
ONONDAGA___COGEN 23986	22.30 0.26 0.00	20.46 0.22 0.00	19.93 0.20 0.00	19.85 0.16 0.00	20.54 0.20 0.00	22.86 0.27 0.00	27.16 0.32 0.00	28.21 0.20 0.00	29.30 0.20 0.00	29.51 0.26 0.00	29.91 0.27 0.00	30.27 0.18 0.00	29.63 0.15 0.00	28.82 0.14 0.00	27.76 0.11 0.00	28.55 0.09 0.00	33.48 -0.27 0.00	37.84 -0.04 0.00	34.07 -0.14 0.00	31.21 -0.13 0.00	28.30 -0.06 0.00	26.48 -0.08 0.00	25.09 -0.08 0.00	24.14 -0.05 0.00
ONTARIO___LFGE 23819	22.57 0.53 0.00	20.80 0.57 0.00	20.18 0.45 0.00	20.11 0.41 0.00	20.82 0.49 0.00	23.22 0.63 0.00	27.61 0.78 0.00	28.58 0.56 0.00	29.62 0.52 0.00	29.81 0.55 0.00	30.23 0.59 0.00	30.57 0.48 0.00	29.86 0.38 0.00	28.91 0.23 0.00	27.87 0.22 0.00	28.80 0.34 0.00	33.85 0.10 0.00	38.30 0.42 0.00	34.72 0.51 0.00	31.87 0.53 0.00	28.95 0.60 0.00	26.90 0.34 0.00	25.41 0.25 0.00	24.50 0.31 0.00
ORANGEVILLE_WT_PWR 323706	22.37 0.33 0.00	20.72 0.48 0.00	20.06 0.34 0.00	19.99 0.30 0.00	20.66 0.32 0.00	22.97 0.38 0.00	27.10 0.27 0.00	27.48 -0.53 0.00	28.43 -0.67 0.00	28.55 -0.70 0.00	28.87 -0.77 0.00	29.19 -0.90 0.00	28.45 -1.03 0.00	27.48 -1.20 0.00	26.46 -1.19 0.00	27.35 -1.11 0.00	32.06 -1.69 0.00	36.37 -1.52 0.00	33.22 -0.99 0.00	30.33 -1.00 0.00	27.79 -0.57 0.00	25.79 -0.77 0.00	24.48 -0.68 0.00	23.78 -0.41 0.00
ORANGEVILLE___ESR 323794	22.37 0.33 0.00	20.72 0.48 0.00	20.06 0.34 0.00	19.99 0.30 0.00	20.66 0.32 0.00	22.97 0.38 0.00	27.10 0.27 0.00	27.48 -0.53 0.00	28.43 -0.67 0.00	28.55 -0.70 0.00	28.87 -0.77 0.00	29.19 -0.90 0.00	28.45 -1.03 0.00	27.48 -1.20 0.00	26.46 -1.19 0.00	27.35 -1.11 0.00	32.06 -1.69 0.00	36.37 -1.52 0.00	33.22 -0.99 0.00	30.33 -1.00 0.00	27.79 -0.57 0.00	25.79 -0.77 0.00	24.48 -0.68 0.00	23.78 -0.41 0.00
OSWEGATCHIE___HYD 24044	21.60 -0.44 0.00	19.81 -0.43 0.00	19.35 -0.38 0.00	19.36 -0.33 0.00	20.05 -0.28 0.00	22.20 -0.38 0.00	26.33 -0.51 0.00	27.54 -0.48 0.00	28.57 -0.52 0.00	28.78 -0.47 0.00	29.05 -0.59 0.00	29.55 -0.54 0.00	28.92 -0.56 0.00	28.14 -0.55 0.00	27.04 -0.61 0.00	27.84 -0.63 0.00	32.70 -1.05 0.00	36.63 -1.25 0.00	33.18 -1.03 0.00	33.64 -0.84 -3.15	27.71 -0.65 0.00	25.92 -0.64 0.00	24.53 -0.63 0.00	23.63 -0.56 0.00
OSWEGO___5 23606	21.64 -0.40 0.00	19.89 -0.34 0.00	19.38 -0.35 0.00	19.32 -0.37 0.00	19.95 -0.39 0.00	22.18 -0.41 0.00	26.30 -0.54 0.00	27.29 -0.73 0.00	28.31 -0.78 0.00	28.46 -0.79 0.00	28.87 -0.77 0.00	29.28 -0.81 0.00	28.66 -0.83 0.00	27.88 -0.80 0.00	26.88 -0.77 0.00	27.69 -0.77 0.00	32.84 -0.91 0.00	37.01 -0.87 0.00	33.42 -0.79 0.00	30.55 -0.78 0.00	27.71 -0.65 0.00	25.90 -0.66 0.00	24.53 -0.63 0.00	23.63 -0.56 0.00
OSWEGO___6 23613	21.64 -0.40 0.00	19.89 -0.34 0.00	19.38 -0.35 0.00	19.32 -0.37 0.00	19.95 -0.39 0.00	22.18 -0.41 0.00	26.30 -0.54 0.00	27.29 -0.73 0.00	28.31 -0.78 0.00	28.46 -0.79 0.00	28.87 -0.77 0.00	29.28 -0.81 0.00	28.66 -0.83 0.00	27.88 -0.80 0.00	26.88 -0.77 0.00	27.69 -0.77 0.00	32.84 -0.91 0.00	37.01 -0.87 0.00	33.42 -0.79 0.00	30.55 -0.78 0.00	27.71 -0.65 0.00	25.90 -0.66 0.00	24.53 -0.63 0.00	23.63 -0.56 0.00
OUTOKUMPU-AB___DRP 24206	22.13 0.09 0.00	20.34 0.10 0.00	19.87 0.14 0.00	19.80 0.10 0.00	20.50 0.16 0.00	22.79 0.20 0.00	26.86 0.03 0.00	26.95 -1.06 0.00	28.05 -1.05 0.00	28.20 -1.05 0.00	28.37 -1.27 0.00	28.55 -1.53 0.00	28.01 -1.47 0.00	27.19 -1.49 0.00	25.97 -1.69 0.00	26.67 -1.79 0.00	31.62 -2.13 0.00	35.76 -2.12 0.00	32.26 -1.95 0.00	29.83 -1.50 0.00	27.39 -0.96 0.00	25.36 -1.20 0.00	24.16 -1.01 0.00	23.46 -0.73 0.00
OXBOW___BTM 323836	21.86 -0.18 0.00	20.09 -0.14 0.00	19.63 -0.10 0.00	19.60 -0.10 0.00	20.27 -0.06 0.00	22.52 -0.07 0.00	26.51 -0.32 0.00	26.59 -1.43 0.00	27.67 -1.43 0.00	27.85 -1.40 0.00	27.98 -1.66 0.00	28.16 -1.93 0.00	27.65 -1.83 0.00	26.85 -1.84 0.00	25.63 -2.02 0.00	26.33 -2.13 0.00	31.18 -2.56 0.00	35.27 -2.61 0.00	31.78 -2.43 0.00	29.39 -1.94 0.00	27.02 -1.33 0.00	25.02 -1.54 0.00	23.85 -1.31 0.00	23.17 -1.02 0.00

OXBOW____ 24026	21.86 -0.18 0.00	20.34 0.10 0.00	19.63 -0.10 0.00	19.54 -0.16 0.00	20.23 -0.10 0.00	22.52 -0.07 0.00	26.52 -0.32 0.00	26.70 -1.32 0.00	27.67 -1.43 0.00	27.82 -1.43 0.00	28.19 -1.45 0.00	28.52 -1.57 0.00	27.83 -1.65 0.00	26.84 -1.84 0.00	25.83 -1.83 0.00	26.76 -1.71 0.00	31.18 -2.57 0.00	35.27 -2.61 0.00	32.26 -1.95 0.00	29.46 -1.88 0.00	27.03 -1.33 0.00	24.99 -1.57 0.00	23.80 -1.36 0.00	23.19 -0.99 0.00
OXY_CHEM_DSASP 323612	21.53 -0.51 0.00	19.75 -0.49 0.00	19.32 -0.41 0.00	19.30 -0.39 0.00	19.95 -0.39 0.00	22.16 -0.43 0.00	26.06 -0.78 0.00	26.11 -1.91 0.00	27.18 -1.92 0.00	27.35 -1.90 0.00	27.45 -2.19 0.00	27.62 -2.47 0.00	27.15 -2.33 0.00	26.36 -2.32 0.00	25.16 -2.49 0.00	25.84 -2.62 0.00	30.58 -3.17 0.00	34.51 -3.37 0.00	31.13 -3.08 0.00	28.83 -2.51 0.00	26.49 -1.87 0.00	24.54 -2.02 0.00	23.40 -1.76 0.00	22.78 -1.40 0.00
OZONE_PARK_ESR 323760	23.23 1.19 0.00	21.29 1.05 0.00	20.70 0.97 0.00	20.60 0.91 0.00	21.21 0.87 0.00	23.49 0.90 0.00	28.20 1.37 0.00	29.73 1.71 0.00	31.02 1.92 0.00	31.09 1.84 0.00	31.39 1.75 0.00	31.86 1.78 0.00	31.31 1.83 0.00	30.52 1.84 0.00	29.59 1.94 0.00	30.40 1.94 0.00	36.35 2.60 0.00	41.25 3.37 0.00	37.01 2.81 0.00	33.68 2.35 0.00	30.20 1.84 0.00	28.29 1.73 0.00	26.57 1.41 0.00	25.52 1.33 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	21.53 -0.51 0.00	19.75 -0.49 0.00	19.32 -0.41 0.00	19.30 -0.39 0.00	19.95 -0.39 0.00	22.16 -0.43 0.00	26.06 -0.78 0.00	26.11 -1.91 0.00	27.18 -1.92 0.00	27.35 -1.90 0.00	27.45 -2.19 0.00	27.62 -2.47 0.00	27.15 -2.33 0.00	26.36 -2.32 0.00	25.16 -2.49 0.00	25.84 -2.62 0.00	30.58 -3.17 0.00	34.51 -3.37 0.00	31.13 -3.08 0.00	28.83 -2.51 0.00	26.49 -1.87 0.00	24.54 -2.02 0.00	23.40 -1.76 0.00	22.78 -1.40 0.00
PACKARD__115KV_DUPONT_184 80571	21.53 -0.51 0.00	19.75 -0.49 0.00	19.32 -0.41 0.00	19.30 -0.39 0.00	19.95 -0.39 0.00	22.16 -0.43 0.00	26.06 -0.78 0.00	26.11 -1.91 0.00	27.18 -1.92 0.00	27.35 -1.90 0.00	27.45 -2.19 0.00	27.62 -2.47 0.00	27.15 -2.33 0.00	26.36 -2.32 0.00	25.16 -2.49 0.00	25.84 -2.62 0.00	30.58 -3.17 0.00	34.51 -3.37 0.00	31.13 -3.08 0.00	28.83 -2.51 0.00	26.49 -1.87 0.00	24.54 -2.02 0.00	23.40 -1.76 0.00	22.78 -1.40 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	23.19 1.15 -0.01	21.29 1.05 -0.01	20.72 0.99 -0.01	20.61 0.91 -0.01	21.23 0.89 -0.01	23.35 0.77 0.00	27.94 1.10 0.00	29.25 1.23 0.00	30.49 1.40 0.00	30.60 1.35 0.00	30.89 1.24 0.00	31.35 1.26 0.00	30.81 1.33 0.00	30.03 1.35 0.00	29.15 1.49 0.00	29.91 1.45 0.00	35.74 1.99 0.00	40.53 2.65 0.00	36.40 2.19 0.00	33.12 1.79 0.00	29.66 1.30 0.00	27.78 1.22 0.00	26.24 1.08 0.00	25.37 1.19 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	23.54 1.50 -0.01	21.60 1.36 -0.01	21.02 1.28 -0.01	20.92 1.22 -0.01	21.52 1.18 -0.01	23.65 1.06 0.00	28.31 1.48 0.00	29.64 1.62 0.00	30.93 1.83 0.00	30.95 1.70 0.00	31.21 1.57 0.00	31.68 1.59 0.00	31.13 1.65 0.00	30.37 1.69 0.00	29.51 1.85 0.00	30.26 1.79 0.00	36.18 2.43 0.00	40.99 3.11 0.00	36.77 2.57 0.00	33.50 2.16 0.00	29.95 1.59 0.00	28.07 1.51 0.00	26.55 1.38 0.00	25.66 1.48 0.00
PATROON__115KV_TB1 80586	22.22 0.18 0.00	20.44 0.20 0.00	19.93 0.20 0.00	19.87 0.18 0.00	20.45 0.12 0.00	22.65 0.07 0.00	26.92 0.08 0.00	28.35 0.34 0.00	29.48 0.38 0.00	29.63 0.38 0.00	30.15 0.50 0.00	30.63 0.54 0.00	29.98 0.50 0.00	29.17 0.49 0.00	28.15 0.50 0.00	29.06 0.60 0.00	34.59 0.84 0.00	39.09 1.21 0.00	35.03 0.82 0.00	31.93 0.60 0.00	28.81 0.45 0.00	26.98 0.42 0.00	25.49 0.33 0.00	24.43 0.24 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	22.66 0.62 0.00	20.84 0.61 0.00	20.32 0.59 0.00	20.23 0.53 0.00	20.94 0.61 0.00	23.29 0.70 0.00	27.53 0.70 0.00	27.74 -0.28 0.00	28.84 -0.26 0.00	28.99 -0.26 0.00	29.14 -0.50 0.00	29.37 -0.72 0.00	28.77 -0.71 0.00	27.91 -0.77 0.00	26.71 -0.94 0.00	27.44 -1.02 0.00	32.57 -1.18 0.00	36.94 -0.95 0.00	33.32 -0.89 0.00	30.74 -0.60 0.00	28.22 -0.14 0.00	26.13 -0.42 0.00	24.81 -0.35 0.00	24.07 -0.12 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	23.10 1.06 0.00	21.17 0.93 0.00	20.58 0.85 0.00	20.52 0.83 0.00	21.11 0.77 0.00	23.35 0.77 0.00	27.94 1.10 0.00	29.47 1.46 0.00	30.73 1.63 0.00	30.86 1.61 0.00	31.30 1.66 0.00	31.80 1.71 0.00	31.16 1.68 0.00	30.37 1.69 0.00	29.37 1.71 0.00	30.31 1.85 0.00	36.18 2.43 0.00	41.06 3.18 0.00	36.81 2.60 0.00	33.50 2.16 0.00	30.12 1.76 0.00	28.15 1.59 0.00	26.42 1.26 0.00	25.35 1.16 0.00
PEEKSKILL____ 23653	22.88 0.84 0.00	20.90 0.67 0.00	20.38 0.65 0.00	20.31 0.61 0.00	20.92 0.59 0.00	23.15 0.56 0.00	27.75 0.91 0.00	29.22 1.20 0.00	30.49 1.40 0.00	30.63 1.38 0.00	30.91 1.27 0.00	31.35 1.26 0.00	30.81 1.33 0.00	30.03 1.35 0.00	29.06 1.41 0.00	29.91 1.45 0.00	35.77 2.02 0.00	40.57 2.69 0.00	36.40 2.19 0.00	33.09 1.75 0.00	29.78 1.42 0.00	27.86 1.30 0.00	26.37 1.21 0.00	25.23 1.04 0.00
PGE MADISON__WINDPWR 24146	23.98 1.94 0.00	22.00 1.76 0.00	21.43 1.70 0.00	21.37 1.67 0.00	22.12 1.79 0.00	24.80 2.21 0.00	29.60 2.76 0.00	30.90 2.89 0.00	32.03 2.94 0.00	32.44 3.19 0.00	32.99 3.35 0.00	33.28 3.19 0.00	32.28 2.80 0.00	31.26 2.58 0.00	30.14 2.49 0.00	31.17 2.71 0.00	37.12 3.37 0.00	42.20 4.32 0.00	38.24 4.03 0.00	34.87 3.54 0.00	31.62 3.26 0.00	29.43 2.87 0.00	27.68 2.52 0.00	26.51 2.32 0.00
PIERCEFIELD__HYD 23852	21.69 -0.35 0.00	19.93 -0.30 0.00	19.47 -0.26 0.00	19.54 -0.16 0.00	20.23 -0.10 0.00	22.32 -0.27 0.00	26.35 -0.48 0.00	27.62 -0.39 0.00	28.66 -0.44 0.00	28.87 -0.38 0.00	29.20 -0.44 0.00	29.85 -0.24 0.00	29.28 -0.21 0.00	28.42 -0.26 0.00	27.32 -0.33 0.00	28.01 -0.46 0.00	32.57 -1.18 0.00	36.14 -1.74 0.00	32.87 -1.33 0.00	34.89 -1.07 -4.63	27.59 -0.77 0.00	25.87 -0.69 0.00	24.61 -0.55 0.00	23.78 -0.41 0.00
PINELAWN_CC_1 323563	23.49 1.45 0.00	21.51 1.28 0.00	20.95 1.22 0.00	20.82 1.12 0.00	21.51 1.18 0.00	23.90 1.31 0.00	28.77 1.93 0.00	34.19 2.27 -3.90	35.00 2.50 -3.40	33.24 2.40 -1.59	36.30 2.28 -4.37	38.48 2.26 -6.14	37.39 2.27 -5.64	37.74 2.30 -6.76	35.35 2.35 -5.34	39.20 2.42 -8.32	47.54 3.27 -10.52	55.09 4.17 -13.05	55.09 3.52 -17.36	42.64 2.91 -8.39	40.38 2.41 -9.62	36.51 2.23 -7.72	30.45 2.09 -3.20	27.76 1.94 -1.64
PJM_GEN_HTP_PROXY 323702	23.01 0.97 0.00	21.02 0.79 0.00	20.50 0.77 0.00	20.40 0.71 0.00	21.02 0.69 0.00	23.26 0.68 0.00	27.94 1.10 0.00	29.42 1.40 0.00	30.73 1.63 0.00	30.86 1.61 0.00	31.06 1.42 0.00	31.53 1.44 0.00	30.98 1.50 0.00	30.23 1.55 0.00	29.28 1.63 0.00	30.08 1.62 0.00	36.01 2.26 0.00	40.84 2.96 0.00	36.64 2.43 0.00	33.31 1.98 0.00	29.92 1.56 0.00	28.02 1.46 0.00	26.52 1.36 0.00	25.37 1.18 0.00

PJM_GEN_KEystone 24065	22.48 0.44 0.00	20.68 0.44 0.00	20.09 0.36 0.00	20.01 0.31 0.00	20.66 0.32 0.00	22.90 0.32 0.00	27.26 0.43 0.00	28.27 0.25 0.00	29.39 0.29 0.00	29.51 0.26 0.00	29.82 0.18 0.00	30.21 0.12 0.00	29.60 0.12 0.00	28.77 0.09 0.00	27.79 0.14 0.00	28.63 0.17 0.00	33.95 0.20 0.00	38.49 0.60 0.00	34.79 0.58 0.00	31.68 0.35 0.00	28.73 0.37 0.00	26.77 0.21 0.00	25.39 0.23 0.00	24.45 0.27 0.00
PJM_GEN_NEPTUNE_PROXY 323594	23.14 1.10 0.00	21.15 0.91 0.00	20.62 0.89 0.00	20.50 0.81 0.00	21.15 0.81 0.00	23.47 0.88 0.00	28.23 1.39 0.00	33.63 1.71 -3.90	34.42 1.92 -3.40	32.71 1.87 -1.59	35.79 1.78 -4.37	38.00 1.77 -6.14	36.95 1.83 -5.64	37.28 1.84 -6.76	34.88 1.88 -5.34	38.69 1.91 -8.32	46.83 2.56 -10.52	54.26 3.33 -13.05	54.34 2.77 -17.36	42.01 2.29 -8.39	39.85 1.87 -9.62	36.03 1.75 -7.72	29.98 1.61 -3.20	27.27 1.45 -1.64
PJM_GEN_VFT_PROXY 323633	22.92 0.88 0.00	20.92 0.69 0.00	20.42 0.69 0.00	20.33 0.63 0.00	20.92 0.59 0.00	23.17 0.59 0.00	27.83 0.99 0.00	29.33 1.32 0.00	30.61 1.51 0.00	30.74 1.49 0.00	30.98 1.34 0.00	31.41 1.32 0.00	30.90 1.42 0.00	30.11 1.43 0.00	29.20 1.55 0.00	30.00 1.54 0.00	35.88 2.13 0.00	40.72 2.84 0.00	36.50 2.29 0.00	33.18 1.85 0.00	29.83 1.47 0.00	27.94 1.38 0.00	26.42 1.26 0.00	25.28 1.09 0.00
PLATSBRG_115KV_PMLD1 355749	21.33 -0.71 0.00	19.67 -0.57 0.00	19.32 -0.41 0.00	19.64 -0.06 0.00	20.48 0.14 0.00	22.95 0.36 0.00	27.24 0.40 0.00	28.49 0.48 0.00	29.62 0.52 0.00	29.78 0.53 0.00	29.82 0.18 0.00	30.51 0.42 0.00	29.98 0.50 0.00	29.28 0.60 0.00	28.01 0.36 0.00	28.21 -0.26 0.00	32.74 -1.01 0.00	36.22 -1.67 0.00	32.81 -1.40 0.00	0.12 -1.22 30.00	27.31 -1.05 0.00	25.79 -0.77 0.00	24.58 -0.58 0.00	23.92 -0.27 0.00
PLEASANTVLY___LBMP 24000	22.77 0.73 0.00	20.88 0.65 0.00	20.32 0.59 0.00	20.25 0.55 0.00	20.84 0.51 0.00	23.08 0.50 0.00	27.59 0.75 0.00	29.08 1.06 0.00	30.29 1.19 0.00	30.39 1.14 0.00	30.80 1.16 0.00	31.26 1.17 0.00	30.66 1.18 0.00	29.89 1.20 0.00	28.90 1.24 0.00	29.80 1.34 0.00	35.54 1.79 0.00	40.27 2.39 0.00	36.09 1.88 0.00	32.87 1.54 0.00	29.58 1.22 0.00	27.70 1.14 0.00	26.09 0.93 0.00	25.03 0.85 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	22.94 0.90 0.00	21.02 0.79 0.00	20.46 0.73 0.00	20.39 0.69 0.00	20.98 0.65 0.00	23.24 0.66 0.00	27.83 0.99 0.00	29.33 1.32 0.00	30.58 1.48 0.00	30.68 1.43 0.00	31.03 1.39 0.00	31.53 1.44 0.00	30.93 1.44 0.00	30.14 1.46 0.00	29.20 1.55 0.00	30.06 1.59 0.00	35.87 2.13 0.00	40.69 2.80 0.00	36.47 2.26 0.00	33.18 1.85 0.00	29.83 1.47 0.00	27.94 1.38 0.00	26.27 1.11 0.00	25.23 1.04 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	22.94 0.90 0.00	21.02 0.79 0.00	20.46 0.73 0.00	20.39 0.69 0.00	20.98 0.65 0.00	23.24 0.66 0.00	27.83 0.99 0.00	29.33 1.32 0.00	30.58 1.48 0.00	30.68 1.43 0.00	31.03 1.39 0.00	31.53 1.44 0.00	30.93 1.44 0.00	30.14 1.46 0.00	29.20 1.55 0.00	30.06 1.59 0.00	35.87 2.13 0.00	40.69 2.80 0.00	36.47 2.26 0.00	33.18 1.85 0.00	29.83 1.47 0.00	27.94 1.38 0.00	26.27 1.11 0.00	25.23 1.04 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	22.96 0.93 0.00	21.04 0.81 0.00	20.48 0.75 0.00	20.41 0.71 0.00	21.02 0.69 0.00	23.26 0.68 0.00	27.83 0.99 0.00	29.31 1.29 0.00	30.52 1.43 0.00	30.65 1.40 0.00	31.06 1.42 0.00	31.56 1.47 0.00	30.93 1.44 0.00	30.14 1.46 0.00	29.15 1.49 0.00	30.08 1.62 0.00	35.77 2.02 0.00	40.57 2.69 0.00	36.36 2.16 0.00	33.12 1.79 0.00	29.80 1.45 0.00	27.89 1.33 0.00	26.27 1.11 0.00	25.20 1.02 0.00
POLETTI_____ 23519	23.01 0.97 0.00	21.09 0.85 0.00	20.52 0.79 0.00	20.41 0.71 0.00	21.02 0.69 0.00	23.26 0.68 0.00	27.88 1.05 0.00	29.39 1.37 0.00	30.64 1.54 0.00	30.71 1.46 0.00	31.03 1.39 0.00	31.50 1.41 0.00	30.96 1.47 0.00	30.17 1.49 0.00	29.26 1.60 0.00	30.08 1.62 0.00	35.91 2.16 0.00	40.72 2.84 0.00	36.54 2.33 0.00	33.25 1.91 0.00	29.83 1.47 0.00	27.94 1.38 0.00	26.29 1.13 0.00	25.25 1.06 0.00
POMONA___ESR 323819	22.86 0.82 0.00	20.90 0.67 0.00	20.38 0.65 0.00	20.31 0.61 0.00	20.90 0.57 0.00	23.15 0.56 0.00	27.75 0.91 0.00	29.22 1.20 0.00	30.46 1.37 0.00	30.60 1.35 0.00	30.89 1.24 0.00	31.35 1.26 0.00	30.78 1.30 0.00	30.00 1.32 0.00	29.03 1.38 0.00	29.88 1.42 0.00	35.71 1.96 0.00	40.53 2.65 0.00	36.37 2.16 0.00	33.06 1.72 0.00	29.75 1.39 0.00	27.86 1.30 0.00	26.35 1.18 0.00	25.23 1.04 0.00
PORT_JEFF_3 23555	23.60 1.56 0.00	21.65 1.42 0.00	21.09 1.36 0.00	20.96 1.26 0.00	21.65 1.32 0.00	24.01 1.42 0.00	28.93 2.09 0.00	34.39 2.47 -3.90	35.20 2.71 -3.40	33.24 2.40 -1.59	36.30 2.28 -4.37	38.48 2.26 -6.14	37.39 2.27 -5.64	37.74 2.30 -6.76	35.35 2.35 -5.34	39.20 2.42 -8.32	47.64 3.37 -10.52	55.21 4.28 -13.05	55.19 3.62 -17.36	42.70 2.98 -8.39	40.44 2.47 -9.62	36.53 2.26 -7.72	30.50 2.14 -3.20	27.85 2.03 -1.64
PORT_JEFF_4 23616	23.60 1.56 0.00	21.65 1.42 0.00	21.09 1.36 0.00	20.96 1.26 0.00	21.65 1.32 0.00	24.01 1.42 0.00	28.93 2.09 0.00	34.39 2.47 -3.90	35.20 2.71 -3.40	33.24 2.40 -1.59	36.30 2.28 -4.37	38.48 2.26 -6.14	37.39 2.27 -5.64	37.74 2.30 -6.76	35.35 2.35 -5.34	39.20 2.42 -8.32	47.64 3.37 -10.52	55.21 4.28 -13.05	55.19 3.62 -17.36	42.70 2.98 -8.39	40.44 2.47 -9.62	36.53 2.26 -7.72	30.50 2.14 -3.20	27.85 2.03 -1.64
PORT_JEFF_IC 23713	23.60 1.56 0.00	21.65 1.42 0.00	21.09 1.36 0.00	20.96 1.26 0.00	21.65 1.32 0.00	24.01 1.42 0.00	28.93 2.09 0.00	34.41 2.49 -3.90	35.20 2.71 -3.40	33.24 2.40 -1.59	36.30 2.28 -4.37	38.48 2.26 -6.14	37.39 2.27 -5.64	37.74 2.30 -6.76	35.35 2.35 -5.34	39.20 2.42 -8.32	47.64 3.37 -10.52	55.24 4.32 -13.05	55.23 3.66 -17.36	42.73 3.01 -8.39	40.44 2.47 -9.62	36.56 2.28 -7.72	30.53 2.16 -3.20	27.88 2.05 -1.64
PPL PILGRIM_ST_GT1 24216	23.67 1.63 0.00	21.69 1.46 0.00	21.11 1.38 0.00	20.98 1.28 0.00	21.70 1.36 0.00	24.08 1.49 0.00	29.01 2.17 0.00	34.47 2.55 -3.90	35.29 2.79 -3.40	33.44 2.60 -1.59	36.51 2.49 -4.37	38.66 2.44 -6.14	37.60 2.48 -5.64	37.94 2.49 -6.76	35.54 2.54 -5.34	39.40 2.62 -8.32	47.84 3.58 -10.52	55.40 4.47 -13.05	55.40 3.83 -17.36	42.89 3.16 -8.39	40.61 2.64 -9.62	36.69 2.42 -7.72	30.65 2.29 -3.20	27.95 2.13 -1.64
PPL PILGRIM_ST_GT2 24217	23.67 1.63 0.00	21.69 1.46 0.00	21.11 1.38 0.00	20.98 1.28 0.00	21.70 1.36 0.00	24.08 1.49 0.00	29.01 2.17 0.00	34.47 2.55 -3.90	35.29 2.79 -3.40	33.44 2.60 -1.59	36.51 2.49 -4.37	38.66 2.44 -6.14	37.60 2.48 -5.64	37.94 2.49 -6.76	35.54 2.54 -5.34	39.40 2.62 -8.32	47.84 3.58 -10.52	55.40 4.47 -13.05	55.40 3.83 -17.36	42.89 3.16 -8.39	40.61 2.64 -9.62	36.69 2.42 -7.72	30.65 2.29 -3.20	27.95 2.13 -1.64

PPL_SHRM_GT3 24213	23.63 1.59 0.00	21.73 1.50 0.00	21.17 1.44 0.00	21.04 1.34 0.00	21.76 1.42 0.00	24.05 1.47 0.00	28.93 2.09 0.00	34.41 2.49 -3.90	35.20 2.71 -3.40	32.95 2.11 -1.59	35.97 1.96 -4.37	38.15 1.93 -6.14	37.07 1.95 -5.64	37.42 1.98 -6.76	35.04 2.05 -5.34	38.89 2.11 -8.32	47.37 3.10 -10.52	54.98 4.06 -13.05	54.99 3.42 -17.36	42.48 2.76 -8.39	40.19 2.21 -9.62	36.32 2.05 -7.72	30.38 2.01 -3.20	27.85 2.03 -1.64
PPL_SHRM_GT4 24214	23.63 1.59 0.00	21.73 1.50 0.00	21.17 1.44 0.00	21.04 1.34 0.00	21.76 1.42 0.00	24.05 1.47 0.00	28.93 2.09 0.00	34.41 2.49 -3.90	35.20 2.71 -3.40	32.95 2.11 -1.59	35.97 1.96 -4.37	38.15 1.93 -6.14	37.07 1.95 -5.64	37.42 1.98 -6.76	35.04 2.05 -5.34	38.89 2.11 -8.32	47.37 3.10 -10.52	54.98 4.06 -13.05	54.99 3.42 -17.36	42.48 2.76 -8.39	40.19 2.21 -9.62	36.32 2.05 -7.72	30.38 2.01 -3.20	27.85 2.03 -1.64
PROJECT___ORANGE 1 24174	22.00 -0.04 0.00	20.17 -0.06 0.00	19.65 -0.08 0.00	19.60 -0.10 0.00	20.25 -0.08 0.00	22.52 -0.07 0.00	26.76 -0.08 0.00	27.76 -0.25 0.00	28.84 -0.26 0.00	28.99 -0.26 0.00	29.34 -0.30 0.00	29.73 -0.36 0.00	29.10 -0.38 0.00	28.31 -0.37 0.00	27.32 -0.33 0.00	28.09 -0.37 0.00	33.28 -0.47 0.00	37.58 -0.30 0.00	33.87 -0.34 0.00	30.99 -0.34 0.00	28.13 -0.23 0.00	26.35 -0.21 0.00	24.99 -0.18 0.00	24.02 -0.17 0.00
PROJECT___ORANGE 2 24166	22.00 -0.04 0.00	20.17 -0.06 0.00	19.65 -0.08 0.00	19.60 -0.10 0.00	20.25 -0.08 0.00	22.52 -0.07 0.00	26.76 -0.08 0.00	27.76 -0.25 0.00	28.84 -0.26 0.00	28.99 -0.26 0.00	29.34 -0.30 0.00	29.73 -0.36 0.00	29.10 -0.38 0.00	28.31 -0.37 0.00	27.32 -0.33 0.00	28.09 -0.37 0.00	33.28 -0.47 0.00	37.58 -0.30 0.00	33.87 -0.34 0.00	30.99 -0.34 0.00	28.13 -0.23 0.00	26.35 -0.21 0.00	24.99 -0.18 0.00	24.02 -0.17 0.00
PUCKETT___SOLAR 323809	22.86 0.82 0.00	21.00 0.77 0.00	20.44 0.71 0.00	20.37 0.67 0.00	21.06 0.73 0.00	23.44 0.86 0.00	27.91 1.07 0.00	29.02 1.01 0.00	30.11 1.02 0.00	30.33 1.08 0.00	30.74 1.10 0.00	31.11 1.02 0.00	30.40 0.91 0.00	29.51 0.83 0.00	28.48 0.83 0.00	29.37 0.91 0.00	34.86 1.11 0.00	39.51 1.63 0.00	35.75 1.54 0.00	32.59 1.25 0.00	29.58 1.22 0.00	27.57 1.01 0.00	26.02 0.86 0.00	25.03 0.85 0.00
PYRITES___HYD 24023	22.04 0.00 0.00	20.24 0.00 0.00	19.79 0.06 0.00	19.85 0.16 0.00	20.54 0.20 0.00	22.74 0.16 0.00	26.97 0.13 0.00	28.32 0.31 0.00	29.42 0.32 0.00	29.69 0.44 0.00	30.09 0.44 0.00	30.69 0.60 0.00	30.13 0.65 0.00	29.23 0.54 0.00	28.07 0.41 0.00	28.80 0.34 0.00	33.55 -0.20 0.00	37.16 -0.72 0.00	33.83 -0.38 0.00	35.30 -0.16 -4.13	28.39 0.03 0.00	26.56 0.00 0.00	25.19 0.03 0.00	24.31 0.12 0.00
QUAKERRD_115KV_BK1 80622	21.51 -0.53 0.00	19.73 -0.51 0.00	19.26 -0.47 0.00	19.20 -0.49 0.00	19.87 -0.47 0.00	22.11 -0.47 0.00	26.27 -0.56 0.00	26.98 -1.04 0.00	28.05 -1.05 0.00	28.29 -0.97 0.00	28.57 -1.07 0.00	28.85 -1.23 0.00	28.30 -1.18 0.00	27.48 -1.20 0.00	26.38 -1.27 0.00	27.15 -1.31 0.00	32.16 -1.59 0.00	36.33 -1.55 0.00	32.77 -1.44 0.00	30.11 -1.22 0.00	27.42 -0.94 0.00	25.47 -1.09 0.00	24.18 -0.98 0.00	23.32 -0.87 0.00
QUENSBRY_115KV_TB8 356137	23.12 1.08 0.00	21.19 0.95 0.00	20.62 0.89 0.00	20.58 0.89 0.00	21.06 0.73 0.00	23.47 0.88 0.00	27.96 1.13 0.00	29.28 1.26 0.00	30.44 1.34 0.00	30.74 1.49 0.00	31.27 1.63 0.00	31.80 1.71 0.00	31.07 1.59 0.00	30.20 1.52 0.00	29.15 1.49 0.00	30.08 1.62 0.00	35.84 2.09 0.00	40.57 2.69 0.00	36.33 2.12 0.00	33.09 1.75 0.00	29.86 1.50 0.00	27.89 1.33 0.00	26.19 1.03 0.00	25.08 0.89 0.00
RAMAPO___LBMP 323565	22.79 0.75 0.00	20.90 0.67 0.00	20.32 0.59 0.00	20.25 0.55 0.00	20.84 0.51 0.00	23.11 0.52 0.00	27.64 0.81 0.00	29.11 1.09 0.00	30.32 1.22 0.00	30.45 1.20 0.00	30.80 1.16 0.00	31.26 1.17 0.00	30.69 1.21 0.00	29.91 1.23 0.00	28.95 1.30 0.00	29.83 1.37 0.00	35.57 1.82 0.00	40.34 2.46 0.00	36.19 1.98 0.00	32.93 1.60 0.00	29.63 1.28 0.00	27.73 1.17 0.00	26.12 0.96 0.00	25.06 0.87 0.00
RANKINE____ 23646	22.41 0.37 0.00	20.62 0.38 0.00	20.12 0.39 0.00	20.03 0.33 0.00	20.74 0.41 0.00	23.06 0.47 0.00	27.24 0.40 0.00	27.37 -0.64 0.00	28.49 -0.61 0.00	28.64 -0.61 0.00	28.78 -0.86 0.00	28.97 -1.11 0.00	28.42 -1.06 0.00	27.56 -1.12 0.00	26.38 -1.27 0.00	27.07 -1.39 0.00	32.09 -1.65 0.00	36.37 -1.52 0.00	32.81 -1.40 0.00	30.30 -1.03 0.00	27.82 -0.54 0.00	25.76 -0.80 0.00	24.51 -0.65 0.00	23.78 -0.41 0.00
RAVENSWOOD_GT2_1 24244	23.03 0.99 0.00	21.11 0.87 0.00	20.54 0.81 0.00	20.45 0.75 0.00	21.04 0.71 0.00	23.31 0.72 0.00	27.94 1.10 0.00	29.42 1.40 0.00	30.70 1.60 0.00	30.77 1.52 0.00	31.12 1.48 0.00	31.56 1.47 0.00	31.01 1.53 0.00	30.23 1.55 0.00	29.31 1.66 0.00	30.11 1.65 0.00	35.98 2.23 0.00	40.80 2.92 0.00	36.60 2.39 0.00	33.31 1.97 0.00	29.89 1.53 0.00	27.99 1.43 0.00	26.35 1.18 0.00	25.30 1.11 0.00
RAVENSWOOD_GT2_2 24245	23.03 0.99 0.00	21.11 0.87 0.00	20.54 0.81 0.00	20.45 0.75 0.00	21.04 0.71 0.00	23.31 0.72 0.00	27.94 1.10 0.00	29.42 1.40 0.00	30.70 1.60 0.00	30.77 1.52 0.00	31.12 1.48 0.00	31.56 1.47 0.00	31.01 1.53 0.00	30.23 1.55 0.00	29.31 1.66 0.00	30.11 1.65 0.00	35.98 2.23 0.00	40.80 2.92 0.00	36.60 2.39 0.00	33.31 1.97 0.00	29.89 1.53 0.00	27.99 1.43 0.00	26.35 1.18 0.00	25.30 1.11 0.00
RAVENSWOOD_GT2_3 24246	23.05 1.01 0.00	21.13 0.89 0.00	20.54 0.81 0.00	20.45 0.75 0.00	21.06 0.73 0.00	23.31 0.72 0.00	27.94 1.10 0.00	29.45 1.43 0.00	30.70 1.60 0.00	30.80 1.55 0.00	31.12 1.48 0.00	31.59 1.50 0.00	31.04 1.56 0.00	30.23 1.55 0.00	29.31 1.66 0.00	30.14 1.68 0.00	35.98 2.23 0.00	40.84 2.95 0.00	36.60 2.39 0.00	33.31 1.97 0.00	29.89 1.53 0.00	27.99 1.43 0.00	26.35 1.18 0.00	25.30 1.11 0.00
RAVENSWOOD_GT2_4 24247	23.05 1.01 0.00	21.13 0.89 0.00	20.54 0.81 0.00	20.45 0.75 0.00	21.06 0.73 0.00	23.31 0.72 0.00	27.94 1.10 0.00	29.45 1.43 0.00	30.70 1.60 0.00	30.80 1.55 0.00	31.12 1.48 0.00	31.59 1.50 0.00	31.04 1.56 0.00	30.23 1.55 0.00	29.31 1.66 0.00	30.14 1.68 0.00	35.98 2.23 0.00	40.84 2.95 0.00	36.60 2.39 0.00	33.31 1.97 0.00	29.89 1.53 0.00	27.99 1.43 0.00	26.35 1.18 0.00	25.30 1.11 0.00
RAVENSWOOD_GT3_1 24248	23.05 1.01 0.00	21.11 0.87 0.00	20.54 0.81 0.00	20.45 0.75 0.00	21.04 0.71 0.00	23.31 0.72 0.00	27.94 1.10 0.00	29.42 1.40 0.00	30.70 1.60 0.00	30.77 1.52 0.00	31.12 1.48 0.00	31.56 1.47 0.00	31.01 1.53 0.00	30.23 1.55 0.00	29.31 1.66 0.00	30.14 1.68 0.00	35.98 2.23 0.00	40.80 2.92 0.00	36.60 2.39 0.00	33.31 1.97 0.00	29.89 1.53 0.00	27.99 1.43 0.00	26.35 1.18 0.00	25.30 1.11 0.00



RAVENSWOOD_GT3_2 24249	23.05 1.01 0.00	21.11 0.87 0.00	20.54 0.81 0.00	20.45 0.75 0.00	21.04 0.71 0.00	23.31 0.72 0.00	27.94 1.10 0.00	29.42 1.40 0.00	30.70 1.60 0.00	30.77 1.52 0.00	31.12 1.48 0.00	31.56 1.47 0.00	31.01 1.53 0.00	30.23 1.55 0.00	29.31 1.66 0.00	30.14 1.68 0.00	35.98 2.23 0.00	40.80 2.92 0.00	36.60 2.39 0.00	33.31 1.97 0.00	29.89 1.53 0.00	27.99 1.43 0.00	26.35 1.18 0.00	25.30 1.11 0.00
RAVENSWOOD_GT3_3 24250	23.08 1.04 0.00	21.13 0.89 0.00	20.56 0.83 0.00	20.46 0.77 0.00	21.06 0.73 0.00	23.33 0.75 0.00	27.96 1.13 0.00	29.47 1.46 0.00	30.73 1.63 0.00	30.83 1.58 0.00	31.15 1.51 0.00	31.62 1.53 0.00	31.07 1.59 0.00	30.26 1.58 0.00	29.34 1.69 0.00	30.17 1.71 0.00	36.01 2.26 0.00	40.88 2.99 0.00	36.64 2.43 0.00	33.34 2.01 0.00	29.92 1.56 0.00	28.02 1.46 0.00	26.37 1.21 0.00	25.32 1.14 0.00
RAVENSWOOD_GT3_4 24251	23.08 1.04 0.00	21.13 0.89 0.00	20.56 0.83 0.00	20.46 0.77 0.00	21.06 0.73 0.00	23.33 0.75 0.00	27.96 1.13 0.00	29.47 1.46 0.00	30.73 1.63 0.00	30.83 1.58 0.00	31.15 1.51 0.00	31.62 1.53 0.00	31.07 1.59 0.00	30.26 1.58 0.00	29.34 1.69 0.00	30.17 1.71 0.00	36.01 2.26 0.00	40.88 2.99 0.00	36.64 2.43 0.00	33.34 2.01 0.00	29.92 1.56 0.00	28.02 1.46 0.00	26.37 1.21 0.00	25.32 1.14 0.00
RAVENSWOOD_GT_1 23729	23.19 1.15 -0.01	21.23 0.99 -0.01	20.67 0.93 -0.01	20.57 0.87 -0.01	21.19 0.85 -0.01	23.40 0.81 0.00	28.04 1.21 0.00	29.42 1.40 0.00	30.70 1.60 0.00	30.80 1.55 0.00	31.09 1.45 0.00	31.56 1.47 0.00	31.01 1.53 0.00	30.23 1.55 0.00	29.34 1.69 0.00	30.11 1.65 0.00	35.98 2.23 0.00	40.80 2.92 0.00	36.60 2.39 0.00	33.34 2.01 0.00	29.86 1.50 0.00	27.97 1.41 0.00	26.35 1.18 0.00	25.40 1.21 0.00
RAVENSWOOD_GT_10 24258	23.03 0.99 0.00	21.10 0.87 0.00	20.54 0.81 0.00	20.44 0.75 0.00	21.04 0.71 0.00	23.29 0.70 0.00	27.94 1.10 0.00	29.42 1.40 0.00	30.70 1.60 0.00	30.77 1.52 0.00	31.12 1.48 0.00	31.59 1.50 0.00	31.01 1.53 0.00	30.23 1.55 0.00	29.31 1.66 0.00	30.14 1.68 0.00	35.98 2.23 0.00	40.80 2.92 0.00	36.60 2.39 0.00	33.31 1.97 0.00	29.89 1.53 0.00	27.99 1.43 0.00	26.35 1.18 0.00	25.30 1.11 0.00
RAVENSWOOD_GT_11 24259	23.03 0.99 0.00	21.10 0.87 0.00	20.54 0.81 0.00	20.44 0.75 0.00	21.04 0.71 0.00	23.29 0.70 0.00	27.94 1.10 0.00	29.42 1.40 0.00	30.70 1.60 0.00	30.77 1.52 0.00	31.12 1.48 0.00	31.59 1.50 0.00	31.01 1.53 0.00	30.23 1.55 0.00	29.31 1.66 0.00	30.14 1.68 0.00	35.98 2.23 0.00	40.80 2.92 0.00	36.60 2.39 0.00	33.31 1.97 0.00	29.89 1.53 0.00	27.99 1.43 0.00	26.35 1.18 0.00	25.30 1.11 0.00
RAVENSWOOD_GT_4 24252	23.00 0.97 0.00	21.08 0.85 0.00	20.51 0.79 0.00	20.42 0.73 0.00	21.02 0.69 0.00	23.29 0.70 0.00	27.94 1.10 0.00	29.45 1.43 0.00	30.70 1.60 0.00	30.77 1.52 0.00	31.12 1.48 0.00	31.59 1.50 0.00	31.04 1.56 0.00	30.23 1.55 0.00	29.31 1.66 0.00	30.14 1.68 0.00	35.98 2.23 0.00	40.84 2.95 0.00	36.60 2.39 0.00	33.31 1.97 0.00	29.89 1.53 0.00	27.99 1.43 0.00	26.35 1.18 0.00	25.30 1.11 0.00
RAVENSWOOD_GT_5 24254	23.00 0.97 0.00	21.08 0.85 0.00	20.51 0.79 0.00	20.42 0.73 0.00	21.02 0.69 0.00	23.29 0.70 0.00	27.94 1.10 0.00	29.45 1.43 0.00	30.70 1.60 0.00	30.77 1.52 0.00	31.12 1.48 0.00	31.59 1.50 0.00	31.04 1.56 0.00	30.23 1.55 0.00	29.31 1.66 0.00	30.14 1.68 0.00	35.98 2.23 0.00	40.84 2.95 0.00	36.60 2.39 0.00	33.31 1.97 0.00	29.89 1.53 0.00	27.99 1.43 0.00	26.35 1.18 0.00	25.30 1.11 0.00
RAVENSWOOD_GT_6 24253	23.00 0.97 0.00	21.08 0.85 0.00	20.51 0.79 0.00	20.42 0.73 0.00	21.02 0.69 0.00	23.29 0.70 0.00	27.94 1.10 0.00	29.45 1.43 0.00	30.70 1.60 0.00	30.77 1.52 0.00	31.12 1.48 0.00	31.59 1.50 0.00	31.04 1.56 0.00	30.23 1.55 0.00	29.31 1.66 0.00	30.14 1.68 0.00	35.98 2.23 0.00	40.84 2.95 0.00	36.60 2.39 0.00	33.31 1.97 0.00	29.89 1.53 0.00	27.99 1.43 0.00	26.35 1.18 0.00	25.30 1.11 0.00
RAVENSWOOD_GT_7 24255	23.00 0.97 0.00	21.08 0.85 0.00	20.51 0.79 0.00	20.42 0.73 0.00	21.02 0.69 0.00	23.29 0.70 0.00	27.94 1.10 0.00	29.45 1.43 0.00	30.70 1.60 0.00	30.77 1.52 0.00	31.12 1.48 0.00	31.59 1.50 0.00	31.04 1.56 0.00	30.23 1.55 0.00	29.31 1.66 0.00	30.14 1.68 0.00	35.98 2.23 0.00	40.84 2.95 0.00	36.60 2.39 0.00	33.31 1.97 0.00	29.89 1.53 0.00	27.99 1.43 0.00	26.35 1.18 0.00	25.30 1.11 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	23.03 0.99 0.00	21.10 0.87 0.00	20.54 0.81 0.00	20.44 0.75 0.00	21.04 0.71 0.00	23.29 0.70 0.00	27.94 1.10 0.00	29.42 1.40 0.00	30.70 1.60 0.00	30.77 1.52 0.00	31.12 1.48 0.00	31.59 1.50 0.00	31.01 1.53 0.00	30.23 1.55 0.00	29.31 1.66 0.00	30.14 1.68 0.00	35.98 2.23 0.00	40.80 2.92 0.00	36.60 2.39 0.00	33.31 1.97 0.00	29.89 1.53 0.00	27.99 1.43 0.00	26.35 1.18 0.00	25.30 1.11 0.00
RAVENSWOOD_GT_9 24257	23.03 0.99 0.00	21.10 0.87 0.00	20.54 0.81 0.00	20.44 0.75 0.00	21.04 0.71 0.00	23.29 0.70 0.00	27.94 1.10 0.00	29.42 1.40 0.00	30.70 1.60 0.00	30.77 1.52 0.00	31.12 1.48 0.00	31.59 1.50 0.00	31.01 1.53 0.00	30.23 1.55 0.00	29.31 1.66 0.00	30.14 1.68 0.00	35.98 2.23 0.00	40.80 2.92 0.00	36.60 2.39 0.00	33.31 1.97 0.00	29.89 1.53 0.00	27.99 1.43 0.00	26.35 1.18 0.00	25.30 1.11 0.00
RAVENSWOOD___1 23533	23.17 1.12 -0.01	21.17 0.93 -0.01	20.64 0.91 -0.01	20.55 0.85 -0.01	21.17 0.83 -0.01	23.38 0.79 0.00	28.04 1.21 0.00	29.42 1.40 0.00	30.73 1.63 0.00	30.86 1.61 0.00	31.06 1.42 0.00	31.50 1.41 0.00	30.98 1.50 0.00	30.23 1.55 0.00	29.31 1.66 0.00	30.06 1.59 0.00	36.01 2.26 0.00	40.84 2.96 0.00	36.64 2.43 0.00	33.31 1.98 0.00	29.89 1.53 0.00	27.99 1.43 0.00	26.52 1.36 0.00	25.49 1.31 0.00
RAVENSWOOD___2 23534	23.17 1.12 -0.01	21.15 0.91 -0.01	20.64 0.91 -0.01	20.55 0.85 -0.01	21.15 0.81 -0.01	23.38 0.79 0.00	28.04 1.21 0.00	29.42 1.40 0.00	30.73 1.63 0.00	30.86 1.61 0.00	31.06 1.42 0.00	31.50 1.41 0.00	30.96 1.47 0.00	30.23 1.55 0.00	29.28 1.63 0.00	30.06 1.59 0.00	35.98 2.23 0.00	40.84 2.96 0.00	36.64 2.43 0.00	33.31 1.98 0.00	29.86 1.50 0.00	27.99 1.43 0.00	26.52 1.36 0.00	25.47 1.28 0.00
RAVENSWOOD___3 23535	23.05 1.01 0.00	21.05 0.81 0.00	20.54 0.81 0.00	20.44 0.75 0.00	21.04 0.71 0.00	23.29 0.70 0.00	27.96 1.13 0.00	29.44 1.43 0.00	30.73 1.63 0.00	30.86 1.61 0.00	31.09 1.45 0.00	31.53 1.44 0.00	30.98 1.50 0.00	30.23 1.55 0.00	29.28 1.63 0.00	30.08 1.62 0.00	36.01 2.26 0.00	40.84 2.96 0.00	36.64 2.43 0.00	33.31 1.98 0.00	29.92 1.56 0.00	28.02 1.46 0.00	26.52 1.36 0.00	25.40 1.21 0.00

RAVENSWOOD___4 23820	23.15 1.10 -0.01	21.15 0.91 -0.01	20.64 0.91 -0.01	20.55 0.85 -0.01	21.15 0.81 -0.01	23.35 0.77 0.00	28.02 1.18 0.00	29.42 1.40 0.00	30.73 1.63 0.00	30.86 1.61 0.00	31.06 1.42 0.00	31.50 1.41 0.00	30.96 1.47 0.00	30.20 1.52 0.00	29.28 1.63 0.00	30.03 1.56 0.00	35.98 2.23 0.00	40.80 2.92 0.00	36.64 2.43 0.00	33.31 1.98 0.00	29.86 1.50 0.00	27.97 1.41 0.00	26.52 1.36 0.00	25.47 1.28 0.00
RCPI_TRUST___DRP 24196	23.03 0.99 0.00	21.11 0.87 0.00	20.54 0.81 0.00	20.45 0.75 0.00	21.04 0.71 0.00	23.31 0.72 0.00	27.94 1.10 0.00	29.47 1.46 0.00	30.73 1.63 0.00	30.83 1.58 0.00	31.15 1.51 0.00	31.62 1.53 0.00	31.07 1.59 0.00	30.29 1.61 0.00	29.34 1.69 0.00	30.17 1.71 0.00	36.01 2.26 0.00	40.84 2.95 0.00	36.64 2.43 0.00	33.34 2.01 0.00	29.92 1.56 0.00	28.02 1.46 0.00	26.35 1.18 0.00	25.30 1.11 0.00
RED___ROCHESTER 323720	22.17 0.13 0.00	20.48 0.24 0.00	19.85 0.12 0.00	19.78 0.08 0.00	20.49 0.16 0.00	22.81 0.23 0.00	27.10 0.27 0.00	27.79 -0.23 0.00	28.83 -0.26 0.00	29.08 -0.17 0.00	29.49 -0.15 0.00	29.85 -0.24 0.00	29.19 -0.29 0.00	28.22 -0.46 0.00	27.18 -0.47 0.00	28.09 -0.37 0.00	33.01 -0.74 0.00	37.32 -0.57 0.00	34.00 -0.20 0.00	31.02 -0.31 0.00	28.24 -0.11 0.00	26.16 -0.40 0.00	24.79 -0.38 0.00	23.97 -0.22 0.00
REGAN___SOLAR 323812	24.09 2.05 0.00	22.08 1.84 0.00	21.49 1.76 0.00	21.39 1.69 0.00	22.06 1.73 0.00	24.71 2.12 0.00	29.41 2.58 0.00	30.76 2.75 0.00	31.89 2.79 0.00	32.20 2.95 0.00	32.63 2.99 0.00	33.28 3.19 0.00	32.55 3.07 0.00	31.55 2.87 0.00	30.53 2.88 0.00	31.59 3.13 0.00	37.86 4.12 0.00	42.92 5.04 0.00	38.55 4.35 0.00	35.09 3.76 0.00	31.76 3.40 0.00	29.69 3.13 0.00	27.83 2.67 0.00	26.56 2.37 0.00
RENSSELAER___COGEN 23796	22.13 0.09 0.00	20.34 0.10 0.00	19.85 0.12 0.00	19.80 0.10 0.00	20.39 0.06 0.00	22.56 -0.02 0.00	26.81 -0.03 0.00	28.24 0.22 0.00	29.33 0.23 0.00	29.46 0.21 0.00	29.94 0.30 0.00	30.39 0.30 0.00	29.78 0.29 0.00	29.00 0.32 0.00	27.96 0.30 0.00	28.83 0.37 0.00	34.39 0.64 0.00	38.87 0.98 0.00	34.86 0.65 0.00	31.77 0.44 0.00	28.67 0.31 0.00	26.93 0.37 0.00	25.47 0.30 0.00	24.36 0.17 0.00
REPUBLIC_115KV_BARTNBRK 55605	23.67 1.63 0.00	21.65 1.42 0.00	21.07 1.34 0.00	21.06 1.36 0.00	21.57 1.24 0.00	24.10 1.51 0.00	28.77 1.93 0.00	30.20 2.19 0.00	31.48 2.39 0.00	31.88 2.63 0.00	32.43 2.79 0.00	33.01 2.92 0.00	32.13 2.65 0.00	31.20 2.52 0.00	30.17 2.52 0.00	31.11 2.65 0.00	37.16 3.41 0.00	42.05 4.17 0.00	37.63 3.42 0.00	34.25 2.91 0.00	30.88 2.52 0.00	28.76 2.20 0.00	26.92 1.76 0.00	25.76 1.57 0.00
REVERE_CPPR_DRP 24186	22.79 0.75 0.00	20.88 0.65 0.00	20.38 0.65 0.00	20.31 0.61 0.00	21.00 0.67 0.00	23.42 0.84 0.00	27.88 1.05 0.00	29.11 1.09 0.00	30.20 1.11 0.00	30.45 1.20 0.00	30.83 1.19 0.00	31.26 1.17 0.00	30.57 1.09 0.00	29.74 1.06 0.00	28.65 1.00 0.00	29.57 1.11 0.00	35.17 1.42 0.00	39.70 1.82 0.00	35.78 1.57 0.00	32.71 1.38 0.00	29.63 1.28 0.00	27.67 1.12 0.00	26.12 0.96 0.00	25.06 0.87 0.00
REYNOLDS_115KV_TB3 80639	22.26 0.22 0.00	20.46 0.22 0.00	19.95 0.22 0.00	19.89 0.20 0.00	20.48 0.14 0.00	22.70 0.11 0.00	26.94 0.11 0.00	28.41 0.39 0.00	29.50 0.41 0.00	29.63 0.38 0.00	30.17 0.53 0.00	30.63 0.54 0.00	30.01 0.53 0.00	29.20 0.52 0.00	28.18 0.53 0.00	29.12 0.65 0.00	34.66 0.91 0.00	39.17 1.29 0.00	35.06 0.86 0.00	31.99 0.66 0.00	28.87 0.51 0.00	27.04 0.48 0.00	25.56 0.40 0.00	24.50 0.31 0.00
RIVERBAY____ 323610	23.54 1.50 -0.01	21.60 1.36 -0.01	21.02 1.28 -0.01	20.92 1.22 -0.01	21.52 1.18 -0.01	23.65 1.06 0.00	28.31 1.48 0.00	29.64 1.62 0.00	30.93 1.83 0.00	30.95 1.70 0.00	31.21 1.57 0.00	31.68 1.59 0.00	31.13 1.65 0.00	30.37 1.69 0.00	29.51 1.85 0.00	30.26 1.79 0.00	36.18 2.43 0.00	40.99 3.11 0.00	36.77 2.57 0.00	33.50 2.16 0.00	29.95 1.59 0.00	28.07 1.51 0.00	26.55 1.38 0.00	25.66 1.48 0.00
RIVERSDE_115KV_TB3 55908	22.19 0.15 0.00	20.44 0.20 0.00	19.91 0.18 0.00	19.85 0.16 0.00	20.43 0.10 0.00	22.65 0.07 0.00	26.89 0.05 0.00	28.35 0.34 0.00	29.45 0.35 0.00	29.57 0.32 0.00	30.09 0.44 0.00	30.57 0.48 0.00	29.95 0.47 0.00	29.14 0.46 0.00	28.12 0.47 0.00	29.03 0.57 0.00	34.56 0.81 0.00	39.09 1.21 0.00	35.00 0.79 0.00	31.90 0.56 0.00	28.78 0.43 0.00	26.98 0.42 0.00	25.49 0.33 0.00	24.43 0.24 0.00
ROARING___BROOK_WT_PWR 323790	21.53 -0.51 0.00	19.83 -0.40 0.00	19.43 -0.30 0.00	19.50 -0.20 0.00	20.21 -0.12 0.00	22.52 -0.07 0.00	26.68 -0.16 0.00	27.79 -0.23 0.00	28.78 -0.32 0.00	28.90 -0.35 0.00	29.29 -0.35 0.00	29.76 -0.33 0.00	29.10 -0.38 0.00	28.25 -0.43 0.00	27.18 -0.47 0.00	27.92 -0.54 0.00	33.01 -0.74 0.00	36.86 -1.02 0.00	33.32 -0.89 0.00	30.65 -0.69 0.00	27.76 -0.60 0.00	26.11 -0.45 0.00	24.83 -0.33 0.00	23.94 -0.24 0.00
ROCHESRG_115KV_T4 355643	21.97 -0.07 0.00	20.15 -0.08 0.00	19.67 -0.06 0.00	19.60 -0.10 0.00	20.29 -0.04 0.00	22.59 0.00 0.00	26.81 -0.03 0.00	27.37 -0.64 0.00	28.49 -0.61 0.00	28.70 -0.56 0.00	28.96 -0.68 0.00	29.21 -0.87 0.00	28.66 -0.83 0.00	27.82 -0.86 0.00	26.68 -0.97 0.00	27.47 -1.00 0.00	32.53 -1.21 0.00	36.78 -1.10 0.00	33.18 -1.03 0.00	30.52 -0.81 0.00	27.85 -0.51 0.00	25.84 -0.72 0.00	24.56 -0.60 0.00	23.70 -0.48 0.00
ROCHESTER_9_IC 23652	22.08 0.04 0.00	20.26 0.02 0.00	19.77 0.04 0.00	19.72 0.02 0.00	20.41 0.08 0.00	22.72 0.14 0.00	26.97 0.13 0.00	27.57 -0.45 0.00	28.69 -0.41 0.00	28.93 -0.32 0.00	29.20 -0.44 0.00	29.46 -0.63 0.00	28.89 -0.59 0.00	28.05 -0.63 0.00	26.91 -0.75 0.00	27.67 -0.80 0.00	32.80 -0.94 0.00	37.09 -0.80 0.00	33.46 -0.75 0.00	30.77 -0.56 0.00	28.05 -0.31 0.00	26.03 -0.53 0.00	24.73 -0.43 0.00	23.85 -0.34 0.00
ROCKVIEW_13_KV_LD 356306	23.01 0.97 0.00	21.09 0.85 0.00	20.52 0.79 0.00	20.43 0.73 0.00	21.02 0.69 0.00	23.31 0.72 0.00	27.94 1.10 0.00	29.45 1.43 0.00	30.73 1.63 0.00	30.83 1.58 0.00	31.18 1.54 0.00	31.65 1.56 0.00	31.07 1.59 0.00	30.29 1.61 0.00	29.34 1.69 0.00	30.20 1.74 0.00	36.04 2.29 0.00	40.91 3.03 0.00	36.67 2.46 0.00	33.37 2.04 0.00	29.97 1.62 0.00	28.05 1.49 0.00	26.37 1.21 0.00	25.30 1.11 0.00
ROME____115KV_TB2 80656	22.79 0.75 0.00	20.88 0.65 0.00	20.38 0.65 0.00	20.31 0.61 0.00	21.00 0.67 0.00	23.42 0.84 0.00	27.88 1.05 0.00	29.11 1.09 0.00	30.20 1.11 0.00	30.45 1.20 0.00	30.83 1.19 0.00	31.26 1.17 0.00	30.57 1.09 0.00	29.74 1.06 0.00	28.65 1.00 0.00	29.57 1.11 0.00	35.17 1.42 0.00	39.70 1.82 0.00	35.78 1.57 0.00	32.71 1.38 0.00	29.63 1.28 0.00	27.67 1.12 0.00	26.12 0.96 0.00	25.06 0.87 0.00

ROSETON___1 23587	22.77 0.73 0.00	20.82 0.59 0.00	20.32 0.59 0.00	20.23 0.53 0.00	20.84 0.51 0.00	23.08 0.50 0.00	27.61 0.78 0.00	29.08 1.06 0.00	30.32 1.22 0.00	30.42 1.17 0.00	30.77 1.13 0.00	31.20 1.11 0.00	30.63 1.15 0.00	29.86 1.18 0.00	28.87 1.22 0.00	29.71 1.25 0.00	35.54 1.79 0.00	40.27 2.39 0.00	36.12 1.91 0.00	32.87 1.54 0.00	29.58 1.22 0.00	27.73 1.17 0.00	26.24 1.08 0.00	25.11 0.92 0.00
ROSETON___2 23588	22.77 0.73 0.00	20.82 0.59 0.00	20.32 0.59 0.00	20.23 0.53 0.00	20.84 0.51 0.00	23.08 0.50 0.00	27.61 0.78 0.00	29.08 1.06 0.00	30.32 1.22 0.00	30.42 1.17 0.00	30.77 1.13 0.00	31.20 1.11 0.00	30.63 1.15 0.00	29.86 1.18 0.00	28.87 1.22 0.00	29.71 1.25 0.00	35.54 1.79 0.00	40.27 2.39 0.00	36.12 1.91 0.00	32.87 1.54 0.00	29.58 1.22 0.00	27.73 1.17 0.00	26.24 1.08 0.00	25.11 0.92 0.00
ROTTTRDAM_115KV_TB3 80664	22.52 0.48 0.00	20.68 0.45 0.00	20.14 0.41 0.00	20.09 0.39 0.00	20.70 0.37 0.00	22.99 0.41 0.00	27.37 0.54 0.00	28.72 0.70 0.00	29.82 0.73 0.00	29.98 0.73 0.00	30.44 0.80 0.00	30.93 0.84 0.00	30.28 0.80 0.00	29.46 0.77 0.00	28.43 0.77 0.00	29.32 0.85 0.00	34.90 1.15 0.00	39.44 1.55 0.00	35.41 1.20 0.00	32.31 0.97 0.00	29.18 0.82 0.00	27.30 0.74 0.00	25.79 0.63 0.00	24.74 0.56 0.00
RUSSELL___1 23602	22.17 0.13 0.00	20.34 0.10 0.00	19.85 0.12 0.00	19.78 0.08 0.00	20.50 0.16 0.00	22.81 0.23 0.00	27.10 0.27 0.00	27.74 -0.28 0.00	28.86 -0.23 0.00	29.10 -0.15 0.00	29.37 -0.27 0.00	29.64 -0.45 0.00	29.07 -0.41 0.00	28.22 -0.46 0.00	27.04 -0.61 0.00	27.84 -0.63 0.00	33.01 -0.74 0.00	37.31 -0.57 0.00	33.70 -0.51 0.00	30.99 -0.34 0.00	28.24 -0.11 0.00	26.19 -0.37 0.00	24.86 -0.30 0.00	23.97 -0.22 0.00
RUSSELL___2 23532	22.17 0.13 0.00	20.34 0.10 0.00	19.85 0.12 0.00	19.78 0.08 0.00	20.50 0.16 0.00	22.81 0.23 0.00	27.10 0.27 0.00	27.74 -0.28 0.00	28.86 -0.23 0.00	29.10 -0.15 0.00	29.37 -0.27 0.00	29.64 -0.45 0.00	29.07 -0.41 0.00	28.22 -0.46 0.00	27.04 -0.61 0.00	27.84 -0.63 0.00	33.01 -0.74 0.00	37.31 -0.57 0.00	33.70 -0.51 0.00	30.99 -0.34 0.00	28.24 -0.11 0.00	26.19 -0.37 0.00	24.86 -0.30 0.00	23.97 -0.22 0.00
RUSSELL___3 23549	22.17 0.13 0.00	20.34 0.10 0.00	19.85 0.12 0.00	19.78 0.08 0.00	20.50 0.16 0.00	22.81 0.23 0.00	27.10 0.27 0.00	27.74 -0.28 0.00	28.86 -0.23 0.00	29.10 -0.15 0.00	29.37 -0.27 0.00	29.64 -0.45 0.00	29.07 -0.41 0.00	28.22 -0.46 0.00	27.04 -0.61 0.00	27.84 -0.63 0.00	33.01 -0.74 0.00	37.31 -0.57 0.00	33.70 -0.51 0.00	30.99 -0.34 0.00	28.24 -0.11 0.00	26.19 -0.37 0.00	24.86 -0.30 0.00	23.97 -0.22 0.00
RUSSELL___4 23556	22.17 0.13 0.00	20.34 0.10 0.00	19.85 0.12 0.00	19.78 0.08 0.00	20.50 0.16 0.00	22.81 0.23 0.00	27.10 0.27 0.00	27.74 -0.28 0.00	28.86 -0.23 0.00	29.10 -0.15 0.00	29.37 -0.27 0.00	29.64 -0.45 0.00	29.07 -0.41 0.00	28.22 -0.46 0.00	27.04 -0.61 0.00	27.84 -0.63 0.00	33.01 -0.74 0.00	37.31 -0.57 0.00	33.70 -0.51 0.00	30.99 -0.34 0.00	28.24 -0.11 0.00	26.19 -0.37 0.00	24.86 -0.30 0.00	23.97 -0.22 0.00
RUSSELL___STATION 23914	22.17 0.13 0.00	20.34 0.10 0.00	19.85 0.12 0.00	19.78 0.08 0.00	20.50 0.16 0.00	22.81 0.23 0.00	27.10 0.27 0.00	27.74 -0.28 0.00	28.86 -0.23 0.00	29.10 -0.15 0.00	29.37 -0.27 0.00	29.64 -0.45 0.00	29.07 -0.41 0.00	28.22 -0.46 0.00	27.04 -0.61 0.00	27.84 -0.63 0.00	33.01 -0.74 0.00	37.31 -0.57 0.00	33.70 -0.51 0.00	30.99 -0.34 0.00	28.24 -0.11 0.00	26.19 -0.37 0.00	24.86 -0.30 0.00	23.97 -0.22 0.00
S SALMON___HYD 24043	21.80 -0.24 0.00	20.01 -0.22 0.00	19.49 -0.24 0.00	19.44 -0.26 0.00	20.09 -0.24 0.00	22.36 -0.23 0.00	26.52 -0.32 0.00	27.54 -0.48 0.00	28.54 -0.55 0.00	28.75 -0.50 0.00	29.17 -0.48 0.00	29.58 -0.51 0.00	28.92 -0.56 0.00	28.14 -0.55 0.00	27.13 -0.53 0.00	27.98 -0.48 0.00	33.14 -0.61 0.00	37.50 -0.38 0.00	33.87 -0.34 0.00	30.93 -0.41 0.00	28.07 -0.28 0.00	26.21 -0.35 0.00	24.76 -0.40 0.00	23.82 -0.36 0.00
S.PERRY___115KV_TB1 80734	23.05 1.01 0.00	21.13 0.89 0.00	20.60 0.87 0.00	20.52 0.83 0.00	21.27 0.94 0.00	23.69 1.11 0.00	28.18 1.34 0.00	28.83 0.81 0.00	29.85 0.76 0.00	29.95 0.70 0.00	30.17 0.53 0.00	30.39 0.30 0.00	29.75 0.27 0.00	28.82 0.14 0.00	27.76 0.11 0.00	28.63 0.17 0.00	34.15 0.40 0.00	38.91 1.02 0.00	35.10 0.89 0.00	32.31 0.97 0.00	29.49 1.13 0.00	27.33 0.77 0.00	25.84 0.68 0.00	24.91 0.73 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	22.11 0.07 0.00	20.34 0.10 0.00	19.85 0.12 0.00	19.78 0.08 0.00	20.45 0.12 0.00	22.74 0.16 0.00	26.84 0.00 0.00	26.95 -1.06 0.00	28.05 -1.05 0.00	28.20 -1.05 0.00	28.34 -1.30 0.00	28.52 -1.56 0.00	28.01 -1.47 0.00	27.19 -1.49 0.00	25.97 -1.69 0.00	26.67 -1.79 0.00	31.59 -2.16 0.00	35.76 -2.12 0.00	32.22 -1.98 0.00	29.80 -1.54 0.00	27.37 -0.99 0.00	25.36 -1.20 0.00	24.16 -1.01 0.00	23.46 -0.73 0.00
SAWYER___23_KV_LOAD 55526	22.11 0.07 0.00	20.34 0.10 0.00	19.85 0.12 0.00	19.78 0.08 0.00	20.45 0.12 0.00	22.74 0.16 0.00	26.84 0.00 0.00	26.95 -1.06 0.00	28.05 -1.05 0.00	28.20 -1.05 0.00	28.34 -1.30 0.00	28.52 -1.56 0.00	28.01 -1.47 0.00	27.19 -1.49 0.00	25.97 -1.69 0.00	26.67 -1.79 0.00	31.59 -2.16 0.00	35.76 -2.12 0.00	32.22 -1.98 0.00	29.80 -1.54 0.00	27.37 -0.99 0.00	25.36 -1.20 0.00	24.16 -1.01 0.00	23.46 -0.73 0.00
SELKIRK___I 23801	22.39 0.35 0.00	20.56 0.32 0.00	20.06 0.34 0.00	20.01 0.31 0.00	20.62 0.28 0.00	22.86 0.27 0.00	27.13 0.30 0.00	28.52 0.50 0.00	29.65 0.55 0.00	29.78 0.53 0.00	30.23 0.59 0.00	30.72 0.63 0.00	30.10 0.62 0.00	29.28 0.60 0.00	28.23 0.58 0.00	29.12 0.66 0.00	34.69 0.94 0.00	39.17 1.29 0.00	35.17 0.96 0.00	32.06 0.72 0.00	28.95 0.60 0.00	27.17 0.61 0.00	25.72 0.55 0.00	24.62 0.44 0.00
SELKIRK___II 23799	22.26 0.22 0.00	20.44 0.20 0.00	19.95 0.22 0.00	19.89 0.20 0.00	20.49 0.16 0.00	22.70 0.11 0.00	27.00 0.16 0.00	28.38 0.36 0.00	29.50 0.41 0.00	29.63 0.38 0.00	30.06 0.41 0.00	30.51 0.42 0.00	29.92 0.44 0.00	29.14 0.46 0.00	28.09 0.44 0.00	28.97 0.51 0.00	34.53 0.78 0.00	39.02 1.14 0.00	35.03 0.82 0.00	31.93 0.59 0.00	28.81 0.45 0.00	27.04 0.48 0.00	25.59 0.43 0.00	24.50 0.31 0.00
SENECA OSWGO___HYD 24041	21.71 -0.33 0.00	19.93 -0.30 0.00	19.41 -0.32 0.00	19.34 -0.35 0.00	19.99 -0.35 0.00	22.22 -0.36 0.00	26.38 -0.46 0.00	27.37 -0.64 0.00	28.40 -0.70 0.00	28.61 -0.64 0.00	29.02 -0.62 0.00	29.45 -0.63 0.00	28.80 -0.68 0.00	28.02 -0.66 0.00	27.02 -0.63 0.00	27.84 -0.63 0.00	33.01 -0.74 0.00	37.27 -0.61 0.00	33.66 -0.55 0.00	30.74 -0.60 0.00	27.88 -0.48 0.00	26.03 -0.53 0.00	24.63 -0.53 0.00	23.73 -0.46 0.00

SENECA___115KV_TB3 355854	22.46 0.42 0.00	20.66 0.42 0.00	20.16 0.43 0.00	20.07 0.37 0.00	20.78 0.45 0.00	23.11 0.52 0.00	27.29 0.46 0.00	27.43 -0.59 0.00	28.52 -0.58 0.00	28.70 -0.56 0.00	28.84 -0.80 0.00	29.03 -1.05 0.00	28.48 -1.00 0.00	27.62 -1.06 0.00	26.41 -1.24 0.00	27.12 -1.34 0.00	32.16 -1.59 0.00	36.44 -1.44 0.00	32.87 -1.33 0.00	30.36 -0.97 0.00	27.88 -0.48 0.00	25.82 -0.74 0.00	24.56 -0.60 0.00	23.82 -0.36 0.00
SENECA___ENERGY 23797	22.35 0.31 0.00	20.56 0.32 0.00	19.97 0.24 0.00	19.89 0.20 0.00	20.62 0.28 0.00	22.97 0.38 0.00	27.32 0.48 0.00	28.30 0.28 0.00	29.36 0.26 0.00	29.57 0.32 0.00	30.00 0.36 0.00	30.33 0.24 0.00	29.63 0.15 0.00	28.74 0.06 0.00	27.68 0.03 0.00	28.58 0.11 0.00	33.38 -0.37 0.00	37.77 -0.11 0.00	34.21 0.00 0.00	31.30 -0.03 0.00	28.39 0.03 0.00	26.43 -0.13 0.00	24.99 -0.17 0.00	24.09 -0.10 0.00
SHOEMAKER___GT 23640	22.68 0.64 0.00	20.78 0.55 0.00	20.24 0.51 0.00	20.19 0.49 0.00	20.80 0.47 0.00	23.01 0.43 0.00	27.51 0.67 0.00	28.89 0.87 0.00	30.09 0.99 0.00	30.21 0.96 0.00	30.56 0.92 0.00	30.99 0.90 0.00	30.42 0.94 0.00	29.66 0.98 0.00	28.68 1.02 0.00	29.52 1.05 0.00	35.27 1.52 0.00	39.96 2.08 0.00	35.92 1.71 0.00	32.68 1.35 0.00	29.44 1.08 0.00	27.57 1.01 0.00	26.09 0.93 0.00	24.98 0.80 0.00
SHOEMAKR_138KV_BK 111 55601	22.68 0.64 0.00	20.80 0.57 0.00	20.24 0.51 0.00	20.17 0.47 0.00	20.78 0.45 0.00	23.02 0.43 0.00	27.51 0.67 0.00	28.89 0.87 0.00	30.09 0.99 0.00	30.22 0.97 0.00	30.59 0.95 0.00	31.05 0.96 0.00	30.45 0.97 0.00	29.66 0.98 0.00	28.70 1.05 0.00	29.57 1.11 0.00	35.27 1.52 0.00	39.97 2.08 0.00	35.85 1.64 0.00	32.68 1.35 0.00	29.44 1.08 0.00	27.54 0.98 0.00	25.94 0.78 0.00	24.94 0.75 0.00
SHOREHAM_IC_1 23715	23.63 1.59 0.00	21.73 1.50 0.00	21.17 1.44 0.00	21.04 1.34 0.00	21.76 1.42 0.00	24.05 1.47 0.00	28.93 2.09 0.00	34.41 2.49 -3.90	35.20 2.71 -3.40	32.95 2.11 -1.59	35.97 1.96 -4.37	38.15 1.93 -6.14	37.07 1.95 -5.64	37.42 1.98 -6.76	35.04 2.05 -5.34	38.89 2.11 -8.32	47.37 3.10 -10.52	54.98 4.06 -13.05	54.99 3.42 -17.36	42.48 2.76 -8.39	40.19 2.21 -9.62	36.32 2.05 -7.72	30.38 2.01 -3.20	27.85 2.03 -1.64
SHOREHAM_IC_2 23716	23.63 1.59 0.00	21.73 1.50 0.00	21.17 1.44 0.00	21.04 1.34 0.00	21.76 1.42 0.00	24.05 1.47 0.00	28.93 2.09 0.00	34.41 2.49 -3.90	35.20 2.71 -3.40	32.95 2.11 -1.59	35.97 1.96 -4.37	38.15 1.93 -6.14	37.07 1.95 -5.64	37.42 1.98 -6.76	35.04 2.05 -5.34	38.89 2.11 -8.32	47.37 3.10 -10.52	54.98 4.06 -13.05	54.99 3.42 -17.36	42.48 2.76 -8.39	40.19 2.21 -9.62	36.32 2.05 -7.72	30.38 2.01 -3.20	27.85 2.03 -1.64
SISSONVILLE____ 23735	21.69 -0.35 0.00	19.93 -0.30 0.00	19.47 -0.26 0.00	19.54 -0.16 0.00	20.23 -0.10 0.00	22.32 -0.27 0.00	26.35 -0.48 0.00	27.62 -0.39 0.00	28.66 -0.44 0.00	28.87 -0.38 0.00	29.20 -0.44 0.00	29.85 -0.24 0.00	29.28 -0.21 0.00	28.42 -0.26 0.00	27.32 -0.33 0.00	28.01 -0.46 0.00	32.57 -1.18 0.00	36.14 -1.74 0.00	32.87 -1.33 0.00	34.89 -1.07 -4.63	27.59 -0.77 0.00	25.87 -0.69 0.00	24.61 -0.55 0.00	23.78 -0.41 0.00
SITHE_IND_GS1 24169	21.51 -0.53 0.00	19.77 -0.46 0.00	19.24 -0.49 0.00	19.21 -0.49 0.00	19.83 -0.51 0.00	22.04 -0.54 0.00	26.11 -0.72 0.00	27.06 -0.95 0.00	28.05 -1.05 0.00	28.23 -1.02 0.00	28.60 -1.04 0.00	29.03 -1.05 0.00	28.42 -1.06 0.00	27.62 -1.06 0.00	26.63 -1.02 0.00	27.44 -1.02 0.00	32.50 -1.25 0.00	36.67 -1.21 0.00	33.08 -1.13 0.00	30.24 -1.10 0.00	27.42 -0.94 0.00	25.63 -0.93 0.00	24.31 -0.86 0.00	23.44 -0.75 0.00
SITHE_IND_GS2 24170	21.51 -0.53 0.00	19.77 -0.46 0.00	19.24 -0.49 0.00	19.21 -0.49 0.00	19.83 -0.51 0.00	22.04 -0.54 0.00	26.11 -0.72 0.00	27.06 -0.95 0.00	28.05 -1.05 0.00	28.23 -1.02 0.00	28.60 -1.04 0.00	29.03 -1.05 0.00	28.42 -1.06 0.00	27.62 -1.06 0.00	26.63 -1.02 0.00	27.44 -1.02 0.00	32.50 -1.25 0.00	36.67 -1.21 0.00	33.08 -1.13 0.00	30.24 -1.10 0.00	27.42 -0.94 0.00	25.63 -0.93 0.00	24.31 -0.86 0.00	23.44 -0.75 0.00
SITHE_IND_GS3 24171	21.51 -0.53 0.00	19.77 -0.46 0.00	19.24 -0.49 0.00	19.21 -0.49 0.00	19.83 -0.51 0.00	22.04 -0.54 0.00	26.11 -0.72 0.00	27.06 -0.95 0.00	28.05 -1.05 0.00	28.23 -1.02 0.00	28.60 -1.04 0.00	29.03 -1.05 0.00	28.42 -1.06 0.00	27.62 -1.06 0.00	26.63 -1.02 0.00	27.44 -1.02 0.00	32.50 -1.25 0.00	36.67 -1.21 0.00	33.08 -1.13 0.00	30.24 -1.10 0.00	27.42 -0.94 0.00	25.63 -0.93 0.00	24.31 -0.86 0.00	23.44 -0.75 0.00
SITHE_IND_GS4 24172	21.51 -0.53 0.00	19.77 -0.46 0.00	19.24 -0.49 0.00	19.21 -0.49 0.00	19.83 -0.51 0.00	22.04 -0.54 0.00	26.11 -0.72 0.00	27.06 -0.95 0.00	28.05 -1.05 0.00	28.23 -1.02 0.00	28.60 -1.04 0.00	29.03 -1.05 0.00	28.42 -1.06 0.00	27.62 -1.06 0.00	26.63 -1.02 0.00	27.44 -1.02 0.00	32.50 -1.25 0.00	36.67 -1.21 0.00	33.08 -1.13 0.00	30.24 -1.10 0.00	27.42 -0.94 0.00	25.63 -0.93 0.00	24.31 -0.86 0.00	23.44 -0.75 0.00
SITHE___BATAVIA 24024	22.39 0.35 0.00	20.74 0.51 0.00	20.10 0.37 0.00	20.03 0.33 0.00	20.76 0.43 0.00	23.11 0.52 0.00	27.40 0.56 0.00	27.82 -0.19 0.00	28.86 -0.23 0.00	29.02 -0.24 0.00	29.40 -0.24 0.00	29.73 -0.36 0.00	29.01 -0.47 0.00	27.99 -0.69 0.00	26.93 -0.72 0.00	27.95 -0.51 0.00	32.74 -1.01 0.00	37.08 -0.80 0.00	33.90 -0.31 0.00	30.96 -0.37 0.00	28.27 -0.08 0.00	26.11 -0.45 0.00	24.79 -0.38 0.00	24.04 -0.14 0.00
SITHE___INDEPEND 23800	21.51 -0.53 0.00	19.75 -0.49 0.00	19.24 -0.49 0.00	19.20 -0.49 0.00	19.82 -0.51 0.00	22.04 -0.54 0.00	26.14 -0.70 0.00	27.06 -0.95 0.00	28.08 -1.02 0.00	28.23 -1.02 0.00	28.60 -1.04 0.00	28.97 -1.11 0.00	28.39 -1.09 0.00	27.62 -1.06 0.00	26.63 -1.02 0.00	27.41 -1.05 0.00	32.50 -1.25 0.00	36.67 -1.21 0.00	33.05 -1.16 0.00	30.24 -1.10 0.00	27.42 -0.94 0.00	25.68 -0.88 0.00	24.43 -0.73 0.00	23.48 -0.70 0.00
SITHE___MASSENA 23902	22.02 -0.02 0.00	20.24 0.00 0.00	19.75 0.02 0.00	19.80 0.10 0.00	20.48 0.14 0.00	22.72 0.14 0.00	26.92 0.08 0.00	28.16 0.14 0.00	29.24 0.15 0.00	29.43 0.18 0.00	29.76 0.12 0.00	30.30 0.21 0.00	29.72 0.23 0.00	28.88 0.20 0.00	27.79 0.14 0.00	28.49 0.03 0.00	33.38 -0.37 0.00	37.05 -0.83 0.00	33.56 -0.65 0.00	31.88 -0.31 -0.86	28.24 -0.11 0.00	26.48 -0.08 0.00	25.14 -0.03 0.00	24.21 0.02 0.00
SITHE___OGDNSBRG 24021	22.13 0.09 0.00	20.34 0.10 0.00	19.87 0.14 0.00	19.91 0.22 0.00	20.60 0.26 0.00	22.83 0.25 0.00	27.08 0.24 0.00	28.38 0.36 0.00	29.48 0.38 0.00	29.72 0.47 0.00	30.09 0.44 0.00	30.66 0.57 0.00	30.07 0.59 0.00	29.23 0.54 0.00	28.09 0.44 0.00	28.83 0.37 0.00	33.68 -0.07 0.00	37.31 -0.57 0.00	33.97 -0.24 0.00	34.46 -0.03 -3.16	28.50 0.14 0.00	26.69 0.13 0.00	25.31 0.15 0.00	24.40 0.22 0.00

SITHE___STERLING 23777	22.66 0.62 0.00	20.78 0.55 0.00	20.26 0.53 0.00	20.21 0.51 0.00	20.88 0.55 0.00	23.29 0.70 0.00	27.69 0.86 0.00	28.89 0.87 0.00	29.97 0.87 0.00	30.19 0.94 0.00	30.59 0.95 0.00	31.02 0.93 0.00	30.37 0.88 0.00	29.51 0.83 0.00	28.45 0.80 0.00	29.37 0.91 0.00	34.86 1.11 0.00	39.36 1.48 0.00	35.51 1.30 0.00	32.43 1.10 0.00	29.35 0.99 0.00	27.43 0.88 0.00	25.89 0.73 0.00	24.89 0.70 0.00
SLEIGHT__34_KV_TB1 80719	22.02 -0.02 0.00	20.17 -0.06 0.00	19.67 -0.06 0.00	19.62 -0.08 0.00	20.31 -0.02 0.00	22.65 0.07 0.00	26.92 0.08 0.00	27.76 -0.25 0.00	28.86 -0.23 0.00	29.16 -0.09 0.00	29.52 -0.12 0.00	29.82 -0.27 0.00	29.22 -0.27 0.00	28.37 -0.32 0.00	27.24 -0.41 0.00	28.04 -0.43 0.00	33.11 -0.64 0.00	37.43 -0.45 0.00	33.73 -0.48 0.00	30.96 -0.38 0.00	28.13 -0.23 0.00	26.16 -0.40 0.00	24.78 -0.38 0.00	23.87 -0.31 0.00
SOUTH CAIRO___GT 23612	22.92 0.88 0.00	21.05 0.81 0.00	20.52 0.79 0.00	20.46 0.77 0.00	21.11 0.77 0.00	23.35 0.77 0.00	27.83 0.99 0.00	29.22 1.20 0.00	30.38 1.28 0.00	30.54 1.29 0.00	30.94 1.30 0.00	31.44 1.36 0.00	30.75 1.27 0.00	29.94 1.26 0.00	28.81 1.16 0.00	29.86 1.39 0.00	35.64 1.89 0.00	40.46 2.58 0.00	36.30 2.09 0.00	33.03 1.69 0.00	29.86 1.50 0.00	27.94 1.38 0.00	26.32 1.16 0.00	25.23 1.04 0.00
SOUTH HAMPTN___IC 23720	23.89 1.85 0.00	21.98 1.74 0.00	21.39 1.66 0.00	21.25 1.56 0.00	21.98 1.65 0.00	24.33 1.74 0.00	29.28 2.44 0.00	34.81 2.89 -3.90	35.64 3.14 -3.40	33.44 2.60 -1.59	36.51 2.49 -4.37	38.69 2.47 -6.14	37.60 2.48 -5.64	37.91 2.47 -6.76	35.51 2.52 -5.34	39.37 2.59 -8.32	47.98 3.71 -10.52	55.66 4.73 -13.05	55.60 4.03 -17.36	43.01 3.29 -8.39	40.70 2.72 -9.62	36.74 2.47 -7.72	30.76 2.39 -3.20	28.19 2.37 -1.64
SOUTHDOW_115KV_TB1 355954	23.38 1.34 0.00	21.51 1.27 0.00	20.93 1.20 0.00	20.86 1.16 0.00	21.57 1.24 0.00	24.01 1.42 0.00	28.47 1.64 0.00	28.63 0.62 0.00	29.80 0.70 0.00	29.89 0.64 0.00	30.03 0.39 0.00	30.21 0.12 0.00	29.51 0.03 0.00	28.51 -0.17 0.00	27.32 -0.33 0.00	28.06 -0.40 0.00	33.41 -0.34 0.00	37.96 0.08 0.00	34.14 -0.07 0.00	31.52 0.19 0.00	28.92 0.57 0.00	26.69 0.13 0.00	25.24 0.08 0.00	24.53 0.34 0.00
SOUTHOLD_69_KV_BK 2 55809	24.24 2.20 0.00	22.32 2.08 0.00	21.68 1.95 0.00	21.53 1.83 0.00	22.28 1.95 0.00	24.75 2.17 0.00	29.76 2.93 0.00	35.34 3.42 -3.90	36.13 3.64 -3.40	33.94 3.10 -1.59	37.04 3.02 -4.37	39.26 3.04 -6.14	38.16 3.04 -5.64	38.46 3.01 -6.76	36.04 3.04 -5.34	39.97 3.19 -8.32	48.65 4.39 -10.52	56.46 5.53 -13.05	56.32 4.76 -17.36	43.70 3.98 -8.39	41.24 3.26 -9.62	37.25 2.97 -7.72	31.03 2.67 -3.20	28.51 2.68 -1.64
SOUTHOLD___IC 23719	24.24 2.20 0.00	22.26 2.02 0.00	21.68 1.95 0.00	21.53 1.83 0.00	22.29 1.95 0.00	24.71 2.12 0.00	29.76 2.93 0.00	35.34 3.42 -3.90	36.16 3.67 -3.40	34.00 3.16 -1.59	37.04 3.02 -4.37	39.23 3.01 -6.14	38.13 3.01 -5.64	38.46 3.01 -6.76	36.04 3.04 -5.34	39.91 3.13 -8.32	48.69 4.42 -10.52	56.50 5.57 -13.05	56.39 4.82 -17.36	43.70 3.98 -8.39	41.29 3.32 -9.62	37.27 3.00 -7.72	31.21 2.84 -3.20	28.60 2.78 -1.64
SOUTH_FORK_WT_PWR 323839	24.26 2.23 0.00	22.30 2.07 0.00	21.70 1.97 0.00	21.57 1.87 0.00	22.30 1.97 0.00	24.73 2.15 0.00	29.81 2.98 0.00	35.37 3.45 -3.90	36.22 3.73 -3.40	34.06 3.22 -1.59	37.07 3.05 -4.37	39.30 3.07 -6.14	38.16 3.04 -5.64	38.48 3.04 -6.76	36.07 3.07 -5.34	39.97 3.19 -8.32	48.72 4.45 -10.52	56.57 5.65 -13.05	56.42 4.86 -17.36	43.74 4.01 -8.39	41.32 3.34 -9.62	37.30 3.03 -7.72	31.23 2.87 -3.20	28.63 2.80 -1.64
SPIERFLS_115KV_TB 1 80737	23.03 0.99 0.00	21.11 0.87 0.00	20.54 0.81 0.00	20.50 0.81 0.00	20.98 0.65 0.00	23.35 0.77 0.00	27.83 0.99 0.00	29.11 1.09 0.00	30.26 1.16 0.00	30.54 1.29 0.00	31.06 1.42 0.00	31.59 1.50 0.00	30.87 1.39 0.00	30.00 1.32 0.00	28.95 1.30 0.00	29.89 1.42 0.00	35.64 1.89 0.00	40.31 2.42 0.00	36.09 1.88 0.00	32.90 1.57 0.00	29.69 1.33 0.00	27.73 1.17 0.00	26.07 0.91 0.00	24.96 0.77 0.00
ST LAWRENCE____ 23600	21.78 -0.26 0.00	20.01 -0.22 0.00	19.55 -0.18 0.00	19.58 -0.12 0.00	20.25 -0.08 0.00	22.50 -0.09 0.00	26.70 -0.13 0.00	27.90 -0.11 0.00	28.98 -0.12 0.00	29.13 -0.12 0.00	29.46 -0.18 0.00	29.97 -0.12 0.00	29.39 -0.09 0.00	28.57 -0.11 0.00	27.49 -0.16 0.00	28.21 -0.26 0.00	33.21 -0.54 0.00	36.82 -1.06 0.00	33.39 -0.82 0.00	30.83 -0.50 0.00	27.96 -0.40 0.00	26.24 -0.32 0.00	24.89 -0.28 0.00	23.97 -0.22 0.00
STATE_CA_115KV_115_LB 55624	22.22 0.18 0.00	20.44 0.20 0.00	19.93 0.20 0.00	19.87 0.18 0.00	20.45 0.12 0.00	22.65 0.07 0.00	26.92 0.08 0.00	28.35 0.34 0.00	29.48 0.38 0.00	29.63 0.38 0.00	30.15 0.50 0.00	30.63 0.54 0.00	29.98 0.50 0.00	29.20 0.52 0.00	28.15 0.50 0.00	29.06 0.60 0.00	34.59 0.84 0.00	39.09 1.21 0.00	35.03 0.82 0.00	31.96 0.63 0.00	28.81 0.45 0.00	26.98 0.42 0.00	25.49 0.33 0.00	24.43 0.24 0.00
STATE_ST_34_KV_LOAD 55959	22.52 0.48 0.00	20.66 0.42 0.00	20.12 0.39 0.00	20.07 0.37 0.00	20.76 0.43 0.00	23.17 0.59 0.00	27.56 0.72 0.00	28.60 0.59 0.00	29.74 0.64 0.00	29.98 0.73 0.00	30.38 0.74 0.00	30.69 0.60 0.00	30.01 0.53 0.00	29.17 0.49 0.00	28.07 0.41 0.00	28.89 0.43 0.00	33.85 0.10 0.00	38.30 0.42 0.00	34.52 0.31 0.00	31.62 0.28 0.00	28.67 0.31 0.00	26.74 0.19 0.00	25.31 0.15 0.00	24.33 0.15 0.00
STATION 5_MISC_HYD 23604	22.08 0.04 0.00	20.40 0.16 0.00	19.77 0.04 0.00	19.72 0.02 0.00	20.41 0.08 0.00	22.72 0.14 0.00	26.97 0.13 0.00	27.62 -0.39 0.00	28.69 -0.41 0.00	28.90 -0.35 0.00	29.32 -0.33 0.00	29.67 -0.42 0.00	29.01 -0.47 0.00	28.05 -0.63 0.00	27.02 -0.63 0.00	27.92 -0.54 0.00	32.80 -0.94 0.00	37.08 -0.80 0.00	33.76 -0.45 0.00	30.80 -0.53 0.00	28.05 -0.31 0.00	26.00 -0.56 0.00	24.66 -0.50 0.00	23.85 -0.34 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	22.35 0.31 0.00	20.48 0.24 0.00	19.97 0.24 0.00	19.91 0.22 0.00	20.64 0.30 0.00	22.99 0.41 0.00	27.35 0.51 0.00	28.18 0.17 0.00	29.30 0.20 0.00	29.57 0.32 0.00	29.88 0.24 0.00	30.18 0.09 0.00	29.54 0.06 0.00	28.68 0.00 0.00	27.54 -0.11 0.00	28.38 -0.09 0.00	33.51 -0.24 0.00	37.92 0.04 0.00	34.21 0.00 0.00	31.43 0.09 0.00	28.58 0.23 0.00	26.56 0.00 0.00	25.16 0.00 0.00	24.21 0.02 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	21.95 -0.09 0.00	20.13 -0.10 0.00	19.65 -0.08 0.00	19.58 -0.12 0.00	20.29 -0.04 0.00	22.59 0.00 0.00	26.81 -0.03 0.00	27.46 -0.56 0.00	28.57 -0.52 0.00	28.81 -0.44 0.00	29.11 -0.53 0.00	29.37 -0.72 0.00	28.80 -0.68 0.00	27.96 -0.72 0.00	26.82 -0.83 0.00	27.61 -0.85 0.00	32.70 -1.05 0.00	36.97 -0.91 0.00	33.35 -0.86 0.00	30.68 -0.66 0.00	27.96 -0.40 0.00	25.95 -0.61 0.00	24.63 -0.53 0.00	23.75 -0.44 0.00

STA_56___34_KV_BUS2 355983	21.95 -0.09 0.00	20.13 -0.10 0.00	19.65 -0.08 0.00	19.58 -0.12 0.00	20.29 -0.04 0.00	22.59 0.00 0.00	26.81 -0.03 0.00	27.46 -0.56 0.00	28.57 -0.52 0.00	28.81 -0.44 0.00	29.11 -0.53 0.00	29.37 -0.72 0.00	28.80 -0.68 0.00	27.96 -0.72 0.00	26.82 -0.83 0.00	27.61 -0.85 0.00	32.70 -1.05 0.00	36.97 -0.91 0.00	33.35 -0.86 0.00	30.68 -0.66 0.00	27.96 -0.40 0.00	25.95 -0.61 0.00	24.63 -0.53 0.00	23.75 -0.44 0.00
STA_67___115KV_BK2 355882	22.04 0.00 0.00	20.22 -0.02 0.00	19.73 0.00 0.00	19.68 -0.02 0.00	20.37 0.04 0.00	22.68 0.09 0.00	26.92 0.08 0.00	27.51 -0.50 0.00	28.60 -0.49 0.00	28.84 -0.41 0.00	29.11 -0.53 0.00	29.37 -0.72 0.00	28.80 -0.68 0.00	27.96 -0.72 0.00	26.82 -0.83 0.00	27.58 -0.88 0.00	32.70 -1.05 0.00	36.97 -0.91 0.00	33.35 -0.86 0.00	30.68 -0.66 0.00	27.99 -0.37 0.00	25.97 -0.58 0.00	24.66 -0.50 0.00	23.80 -0.39 0.00
STA_7___115KV_9TRANS 80674	22.17 0.13 0.00	20.34 0.10 0.00	19.85 0.12 0.00	19.78 0.08 0.00	20.50 0.16 0.00	22.81 0.23 0.00	27.10 0.27 0.00	27.74 -0.28 0.00	28.86 -0.23 0.00	29.10 -0.15 0.00	29.37 -0.27 0.00	29.64 -0.45 0.00	29.07 -0.41 0.00	28.22 -0.46 0.00	27.04 -0.61 0.00	27.84 -0.63 0.00	33.01 -0.74 0.00	37.31 -0.57 0.00	33.70 -0.51 0.00	30.99 -0.34 0.00	28.24 -0.11 0.00	26.19 -0.37 0.00	24.86 -0.30 0.00	23.97 -0.22 0.00
STA_82___115KV_TB1 80780	22.06 0.02 0.00	20.24 0.00 0.00	19.75 0.02 0.00	19.68 -0.02 0.00	20.39 0.06 0.00	22.70 0.11 0.00	26.94 0.11 0.00	27.54 -0.48 0.00	28.63 -0.47 0.00	28.87 -0.38 0.00	29.14 -0.50 0.00	29.40 -0.69 0.00	28.83 -0.65 0.00	27.99 -0.69 0.00	26.82 -0.83 0.00	27.61 -0.85 0.00	32.74 -1.01 0.00	36.97 -0.91 0.00	33.39 -0.82 0.00	30.71 -0.63 0.00	27.99 -0.37 0.00	25.97 -0.58 0.00	24.68 -0.48 0.00	23.82 -0.36 0.00
STEEL___WIND 323596	22.44 0.40 0.00	20.82 0.59 0.00	20.12 0.39 0.00	20.05 0.35 0.00	20.76 0.43 0.00	23.08 0.50 0.00	27.24 0.40 0.00	27.51 -0.50 0.00	28.52 -0.58 0.00	28.64 -0.62 0.00	28.99 -0.65 0.00	29.34 -0.75 0.00	28.63 -0.86 0.00	27.62 -1.06 0.00	26.57 -1.08 0.00	27.49 -0.97 0.00	32.16 -1.59 0.00	36.40 -1.48 0.00	33.25 -0.96 0.00	30.40 -0.94 0.00	27.85 -0.51 0.00	25.76 -0.80 0.00	24.51 -0.65 0.00	23.85 -0.34 0.00
STEPHTWN_115KV_BK_2 55603	22.41 0.37 0.00	20.62 0.38 0.00	20.08 0.36 0.00	20.03 0.33 0.00	20.64 0.30 0.00	22.90 0.32 0.00	27.19 0.35 0.00	28.66 0.64 0.00	29.80 0.70 0.00	29.95 0.70 0.00	30.47 0.83 0.00	30.96 0.87 0.00	30.28 0.80 0.00	29.48 0.80 0.00	28.45 0.80 0.00	29.37 0.91 0.00	35.00 1.25 0.00	39.55 1.67 0.00	35.44 1.23 0.00	32.34 1.00 0.00	29.15 0.79 0.00	27.30 0.74 0.00	25.74 0.58 0.00	24.67 0.48 0.00
STEBUBEN_REC_LFGE 323667	23.05 1.01 0.00	21.21 0.97 0.00	20.64 0.91 0.00	20.56 0.87 0.00	21.23 0.89 0.00	23.58 0.99 0.00	27.86 1.02 0.00	28.44 0.42 0.00	29.45 0.35 0.00	29.54 0.29 0.00	29.70 0.06 0.00	29.88 -0.21 0.00	29.19 -0.29 0.00	28.31 -0.37 0.00	27.21 -0.44 0.00	28.01 -0.46 0.00	33.34 -0.40 0.00	37.92 0.04 0.00	34.21 0.00 0.00	31.59 0.25 0.00	28.90 0.54 0.00	26.85 0.29 0.00	25.36 0.20 0.00	24.53 0.34 0.00
STILLWATER___SOLAR 323814	22.83 0.79 0.00	20.92 0.69 0.00	20.40 0.67 0.00	20.35 0.65 0.00	20.92 0.59 0.00	23.24 0.66 0.00	27.69 0.86 0.00	29.08 1.06 0.00	30.23 1.13 0.00	30.42 1.17 0.00	30.91 1.27 0.00	31.41 1.32 0.00	30.75 1.27 0.00	29.91 1.23 0.00	28.84 1.19 0.00	29.74 1.28 0.00	35.50 1.75 0.00	40.12 2.23 0.00	35.99 1.78 0.00	32.78 1.44 0.00	29.60 1.25 0.00	27.73 1.17 0.00	26.19 1.03 0.00	25.03 0.85 0.00
STONY___BROOK 24151	23.58 1.54 0.00	21.61 1.38 0.00	21.05 1.32 0.00	20.92 1.22 0.00	21.61 1.28 0.00	23.99 1.40 0.00	28.90 2.07 0.00	34.36 2.44 -3.90	35.14 2.65 -3.40	33.27 2.43 -1.59	36.33 2.31 -4.37	38.51 2.29 -6.14	37.42 2.30 -5.64	37.77 2.32 -6.76	35.37 2.38 -5.34	39.23 2.45 -8.32	47.64 3.37 -10.52	55.24 4.32 -13.05	55.23 3.66 -17.36	42.70 2.98 -8.39	40.44 2.47 -9.62	36.56 2.28 -7.72	30.53 2.16 -3.20	27.85 2.03 -1.64
STURGEON_POOL_HYD 23609	22.81 0.77 0.00	20.92 0.69 0.00	20.36 0.63 0.00	20.29 0.59 0.00	20.90 0.57 0.00	23.13 0.54 0.00	27.64 0.81 0.00	29.05 1.04 0.00	30.23 1.13 0.00	30.36 1.11 0.00	30.74 1.10 0.00	31.20 1.11 0.00	30.60 1.12 0.00	29.83 1.15 0.00	28.87 1.22 0.00	29.74 1.28 0.00	35.47 1.72 0.00	40.27 2.39 0.00	36.09 1.88 0.00	32.87 1.54 0.00	29.61 1.25 0.00	27.70 1.14 0.00	26.12 0.96 0.00	25.08 0.89 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	22.74 0.71 0.00	20.86 0.63 0.00	20.30 0.57 0.00	20.21 0.51 0.00	20.82 0.49 0.00	23.08 0.50 0.00	27.61 0.78 0.00	29.03 1.01 0.00	30.23 1.13 0.00	30.36 1.11 0.00	30.74 1.10 0.00	31.20 1.11 0.00	30.60 1.12 0.00	29.83 1.15 0.00	28.87 1.22 0.00	29.74 1.28 0.00	35.47 1.72 0.00	40.23 2.35 0.00	36.09 1.88 0.00	32.84 1.50 0.00	29.58 1.22 0.00	27.67 1.12 0.00	26.07 0.91 0.00	25.01 0.82 0.00
SWANROAD_115KV_TB1 355699	21.62 -0.42 0.00	19.91 -0.32 0.00	19.49 -0.24 0.00	19.34 -0.35 0.00	20.03 -0.30 0.00	22.25 -0.34 0.00	26.25 -0.59 0.00	26.31 -1.71 0.00	27.38 -1.72 0.00	27.52 -1.73 0.00	27.66 -1.99 0.00	27.83 -2.26 0.00	27.33 -2.15 0.00	26.53 -2.15 0.00	25.33 -2.32 0.00	26.04 -2.42 0.00	30.81 -2.94 0.00	34.85 -3.03 0.00	31.40 -2.81 0.00	29.08 -2.26 0.00	26.71 -1.64 0.00	24.73 -1.83 0.00	23.58 -1.59 0.00	22.93 -1.26 0.00
SYNERGY___BIOGAS 323694	22.39 0.35 0.00	20.74 0.51 0.00	20.10 0.37 0.00	20.03 0.33 0.00	20.76 0.43 0.00	23.11 0.52 0.00	27.40 0.56 0.00	27.82 -0.19 0.00	28.86 -0.23 0.00	29.02 -0.24 0.00	29.40 -0.24 0.00	29.73 -0.36 0.00	29.01 -0.47 0.00	27.99 -0.69 0.00	26.93 -0.72 0.00	27.95 -0.51 0.00	32.74 -1.01 0.00	37.08 -0.80 0.00	33.90 -0.31 0.00	30.96 -0.37 0.00	28.27 -0.08 0.00	26.11 -0.45 0.00	24.79 -0.38 0.00	24.04 -0.14 0.00
SYRACUSE___ENERGY_ST1 323597	22.30 0.26 0.00	20.46 0.22 0.00	19.93 0.20 0.00	19.85 0.16 0.00	20.54 0.20 0.00	22.86 0.27 0.00	27.16 0.32 0.00	28.21 0.20 0.00	29.30 0.20 0.00	29.51 0.26 0.00	29.91 0.27 0.00	30.27 0.18 0.00	29.63 0.15 0.00	28.82 0.14 0.00	27.76 0.11 0.00	28.55 0.09 0.00	33.48 -0.27 0.00	37.84 -0.04 0.00	34.07 -0.14 0.00	31.21 -0.13 0.00	28.30 -0.06 0.00	26.48 -0.08 0.00	25.09 -0.08 0.00	24.14 -0.05 0.00
SYRACUSE___ENERGY_ST2 323598	22.30 0.26 0.00	20.46 0.22 0.00	19.93 0.20 0.00	19.85 0.16 0.00	20.54 0.20 0.00	22.86 0.27 0.00	27.16 0.32 0.00	28.21 0.20 0.00	29.30 0.20 0.00	29.51 0.26 0.00	29.91 0.27 0.00	30.27 0.18 0.00	29.63 0.15 0.00	28.82 0.14 0.00	27.76 0.11 0.00	28.55 0.09 0.00	33.48 -0.27 0.00	37.84 -0.04 0.00	34.07 -0.14 0.00	31.21 -0.13 0.00	28.30 -0.06 0.00	26.48 -0.08 0.00	25.09 -0.08 0.00	24.14 -0.05 0.00

SYRACUSE___POWER 24017	22.11 0.07 0.00	20.28 0.04 0.00	19.75 0.02 0.00	19.70 0.00 0.00	20.35 0.02 0.00	22.65 0.07 0.00	26.89 0.05 0.00	27.93 -0.08 0.00	29.01 -0.09 0.00	29.19 -0.06 0.00	29.55 -0.09 0.00	29.94 -0.15 0.00	29.30 -0.18 0.00	28.51 -0.17 0.00	27.49 -0.17 0.00	28.26 -0.20 0.00	33.48 -0.27 0.00	37.81 -0.08 0.00	34.07 -0.14 0.00	31.18 -0.16 0.00	28.30 -0.06 0.00	26.48 -0.08 0.00	25.09 -0.08 0.00	24.14 -0.05 0.00
TALLMAN___138KV_BK151 55660	22.83 0.79 0.00	20.94 0.71 0.00	20.36 0.63 0.00	20.29 0.59 0.00	20.88 0.55 0.00	23.13 0.54 0.00	27.69 0.86 0.00	29.17 1.15 0.00	30.41 1.31 0.00	30.54 1.29 0.00	30.89 1.24 0.00	31.35 1.26 0.00	30.78 1.30 0.00	29.97 1.29 0.00	29.04 1.38 0.00	29.89 1.42 0.00	35.67 1.92 0.00	40.46 2.58 0.00	36.30 2.09 0.00	33.03 1.69 0.00	29.72 1.36 0.00	27.81 1.25 0.00	26.17 1.01 0.00	25.11 0.92 0.00
TEALLAVE_115KV_TB7 355573	21.97 -0.07 0.00	20.17 -0.06 0.00	19.65 -0.08 0.00	19.60 -0.10 0.00	20.23 -0.10 0.00	22.52 -0.07 0.00	26.73 -0.11 0.00	27.76 -0.25 0.00	28.84 -0.26 0.00	28.99 -0.26 0.00	29.32 -0.33 0.00	29.70 -0.39 0.00	29.10 -0.38 0.00	28.31 -0.37 0.00	27.29 -0.36 0.00	28.06 -0.40 0.00	33.24 -0.51 0.00	37.58 -0.30 0.00	33.83 -0.38 0.00	30.96 -0.38 0.00	28.10 -0.26 0.00	26.32 -0.24 0.00	24.96 -0.20 0.00	23.99 -0.19 0.00
TELGRAPH_34_KV_EAST 80808	22.13 0.09 0.00	20.36 0.12 0.00	19.91 0.18 0.00	19.78 0.08 0.00	20.50 0.16 0.00	22.81 0.23 0.00	27.00 0.16 0.00	27.18 -0.84 0.00	28.28 -0.81 0.00	28.46 -0.79 0.00	28.63 -1.01 0.00	28.82 -1.26 0.00	28.27 -1.21 0.00	27.45 -1.23 0.00	26.21 -1.44 0.00	26.98 -1.48 0.00	31.99 -1.75 0.00	36.18 -1.70 0.00	32.64 -1.57 0.00	30.14 -1.19 0.00	27.68 -0.68 0.00	25.58 -0.98 0.00	24.33 -0.83 0.00	23.61 -0.58 0.00
TEMPLE___115KV_TB 2 55572	22.00 -0.04 0.00	20.17 -0.06 0.00	19.65 -0.08 0.00	19.60 -0.10 0.00	20.25 -0.08 0.00	22.52 -0.07 0.00	26.76 -0.08 0.00	27.76 -0.25 0.00	28.84 -0.26 0.00	28.99 -0.26 0.00	29.34 -0.30 0.00	29.73 -0.36 0.00	29.10 -0.38 0.00	28.31 -0.37 0.00	27.32 -0.33 0.00	28.09 -0.37 0.00	33.28 -0.47 0.00	37.58 -0.30 0.00	33.87 -0.34 0.00	30.99 -0.34 0.00	28.13 -0.23 0.00	26.35 -0.21 0.00	24.99 -0.18 0.00	24.02 -0.17 0.00
TIANA____69_KV_BK 1 55817	23.82 1.79 0.00	21.94 1.70 0.00	21.33 1.60 0.00	21.17 1.48 0.00	21.90 1.57 0.00	24.30 1.72 0.00	29.17 2.33 0.00	34.70 2.77 -3.90	35.47 2.97 -3.40	33.27 2.43 -1.59	36.39 2.37 -4.37	38.60 2.38 -6.14	37.51 2.39 -5.64	37.80 2.35 -6.76	35.43 2.43 -5.34	39.32 2.53 -8.32	47.81 3.54 -10.52	55.47 4.55 -13.05	55.40 3.83 -17.36	42.89 3.16 -8.39	40.53 2.55 -9.62	36.61 2.34 -7.72	30.48 2.11 -3.20	28.00 2.18 -1.64
TILDEN___115KV_TB1 80814	22.11 0.07 0.00	20.28 0.04 0.00	19.75 0.02 0.00	19.70 0.00 0.00	20.35 0.02 0.00	22.65 0.07 0.00	26.89 0.05 0.00	27.93 -0.08 0.00	29.01 -0.09 0.00	29.19 -0.06 0.00	29.55 -0.09 0.00	29.94 -0.15 0.00	29.30 -0.18 0.00	28.51 -0.17 0.00	27.49 -0.17 0.00	28.26 -0.20 0.00	33.48 -0.27 0.00	37.81 -0.08 0.00	34.07 -0.14 0.00	31.18 -0.16 0.00	28.30 -0.06 0.00	26.48 -0.08 0.00	25.09 -0.08 0.00	24.14 -0.05 0.00
TRIGEN___CC 323695	23.23 1.19 0.00	21.29 1.05 0.00	20.70 0.97 0.00	20.58 0.89 0.00	21.23 0.89 0.00	23.58 0.99 0.00	28.31 1.48 0.00	33.71 1.79 -3.90	34.48 1.98 -3.40	32.77 1.93 -1.59	35.94 1.93 -4.37	38.18 1.96 -6.14	37.10 1.98 -5.64	37.42 1.98 -6.76	35.01 2.02 -5.34	38.86 2.08 -8.32	47.00 2.73 -10.52	54.41 3.49 -13.05	54.44 2.87 -17.36	42.14 2.41 -8.39	39.96 1.99 -9.62	36.11 1.83 -7.72	29.93 1.56 -3.20	27.27 1.45 -1.64
TRINITY___115KV___4 BK 55933	22.15 0.11 0.00	20.38 0.14 0.00	19.87 0.14 0.00	19.81 0.12 0.00	20.39 0.06 0.00	22.59 0.00 0.00	26.84 0.00 0.00	28.27 0.25 0.00	29.36 0.26 0.00	29.51 0.26 0.00	30.03 0.39 0.00	30.48 0.39 0.00	29.86 0.38 0.00	29.05 0.37 0.00	28.04 0.39 0.00	28.95 0.48 0.00	34.46 0.71 0.00	38.94 1.06 0.00	34.89 0.68 0.00	31.84 0.50 0.00	28.73 0.37 0.00	26.90 0.35 0.00	25.41 0.25 0.00	24.36 0.17 0.00
UNION___PROCESSING_DRP 323587	22.06 0.02 0.00	20.24 0.00 0.00	19.75 0.02 0.00	19.70 0.00 0.00	20.39 0.06 0.00	22.70 0.11 0.00	26.94 0.11 0.00	27.54 -0.48 0.00	28.66 -0.44 0.00	28.87 -0.38 0.00	29.14 -0.50 0.00	29.40 -0.69 0.00	28.83 -0.65 0.00	27.99 -0.69 0.00	26.85 -0.80 0.00	27.64 -0.83 0.00	32.74 -1.01 0.00	37.01 -0.87 0.00	33.39 -0.82 0.00	30.71 -0.63 0.00	28.02 -0.34 0.00	26.00 -0.56 0.00	24.68 -0.48 0.00	23.82 -0.36 0.00
UPPER HUDSON___HYD 24058	23.03 0.99 0.00	21.09 0.85 0.00	20.56 0.83 0.00	20.50 0.81 0.00	20.98 0.65 0.00	23.35 0.77 0.00	27.86 1.02 0.00	29.11 1.09 0.00	30.29 1.19 0.00	30.54 1.29 0.00	31.03 1.39 0.00	31.56 1.47 0.00	30.84 1.36 0.00	30.00 1.32 0.00	28.95 1.30 0.00	29.86 1.39 0.00	35.64 1.89 0.00	40.31 2.43 0.00	36.12 1.91 0.00	32.90 1.57 0.00	29.69 1.33 0.00	27.76 1.20 0.00	26.14 0.98 0.00	24.98 0.80 0.00
UPPER RAQUET___HYD 24056	21.69 -0.35 0.00	19.91 -0.32 0.00	19.47 -0.26 0.00	19.54 -0.16 0.00	20.23 -0.10 0.00	22.32 -0.27 0.00	26.35 -0.48 0.00	27.62 -0.39 0.00	28.69 -0.41 0.00	28.87 -0.38 0.00	29.20 -0.44 0.00	29.82 -0.27 0.00	29.24 -0.24 0.00	28.42 -0.26 0.00	27.32 -0.33 0.00	28.01 -0.46 0.00	32.57 -1.18 0.00	36.14 -1.74 0.00	32.74 -1.47 0.00	34.89 -1.07 -4.63	27.59 -0.76 0.00	25.87 -0.69 0.00	24.63 -0.53 0.00	23.80 -0.39 0.00
VALLEY44_115KV_TB2 355964	22.81 0.77 0.00	20.98 0.75 0.00	20.42 0.69 0.00	20.33 0.63 0.00	21.04 0.71 0.00	23.40 0.81 0.00	27.69 0.86 0.00	27.99 -0.03 0.00	29.07 -0.03 0.00	29.22 -0.03 0.00	29.37 -0.27 0.00	29.61 -0.48 0.00	28.98 -0.50 0.00	28.14 -0.54 0.00	26.99 -0.66 0.00	27.72 -0.74 0.00	32.90 -0.84 0.00	37.39 -0.49 0.00	33.73 -0.48 0.00	31.05 -0.28 0.00	28.47 0.11 0.00	26.40 -0.16 0.00	25.04 -0.13 0.00	24.26 0.07 0.00
VALLEY___115KV_TB 1-4 80826	22.08 0.04 0.00	20.28 0.04 0.00	19.79 0.06 0.00	19.76 0.06 0.00	20.39 0.06 0.00	22.70 0.11 0.00	27.00 0.16 0.00	28.27 0.25 0.00	29.39 0.29 0.00	29.57 0.32 0.00	30.00 0.36 0.00	30.39 0.30 0.00	29.72 0.24 0.00	28.85 0.17 0.00	27.79 0.14 0.00	28.63 0.17 0.00	34.02 0.27 0.00	38.30 0.42 0.00	34.52 0.31 0.00	31.55 0.22 0.00	28.56 0.20 0.00	26.80 0.24 0.00	25.41 0.25 0.00	24.45 0.27 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	23.30 1.26 0.00	21.33 1.09 0.00	20.80 1.07 0.00	20.72 1.02 0.00	21.37 1.04 0.00	23.78 1.20 0.00	28.37 1.53 0.00	29.70 1.68 0.00	30.90 1.80 0.00	31.30 2.05 0.00	31.83 2.19 0.00	32.28 2.20 0.00	31.63 2.15 0.00	30.77 2.09 0.00	29.67 2.02 0.00	30.51 2.05 0.00	36.25 2.50 0.00	41.03 3.14 0.00	36.91 2.70 0.00	33.72 2.38 0.00	30.48 2.13 0.00	28.47 1.91 0.00	26.82 1.66 0.00	25.73 1.55 0.00

VISCHER___FERRY HYD 24020	22.48 0.44 0.00	20.62 0.38 0.00	20.10 0.37 0.00	20.05 0.35 0.00	20.64 0.31 0.00	22.90 0.32 0.00	27.26 0.43 0.00	28.74 0.73 0.00	29.82 0.73 0.00	29.95 0.70 0.00	30.47 0.83 0.00	30.93 0.84 0.00	30.31 0.82 0.00	29.48 0.80 0.00	28.43 0.77 0.00	29.35 0.88 0.00	35.03 1.28 0.00	39.59 1.71 0.00	35.48 1.27 0.00	32.31 0.97 0.00	29.15 0.79 0.00	27.38 0.82 0.00	25.89 0.73 0.00	24.74 0.56 0.00
V_A_10_SYNC_DSASP 323832	21.75 -0.29 0.00	20.17 -0.06 0.00	19.53 -0.20 0.00	19.44 -0.26 0.00	20.13 -0.20 0.00	22.38 -0.20 0.00	26.43 -0.40 0.00	26.84 -1.18 0.00	27.82 -1.28 0.00	27.99 -1.26 0.00	28.37 -1.27 0.00	28.67 -1.41 0.00	28.04 -1.44 0.00	27.08 -1.61 0.00	26.05 -1.60 0.00	26.95 -1.51 0.00	31.52 -2.23 0.00	35.61 -2.27 0.00	32.50 -1.71 0.00	29.67 -1.66 0.00	27.14 -1.22 0.00	25.15 -1.41 0.00	23.93 -1.23 0.00	23.24 -0.94 0.00
V_CMM_10_SYNC_DSASP 323787	21.86 -0.18 0.00	20.09 -0.14 0.00	19.61 -0.12 0.00	19.66 -0.04 0.00	20.31 -0.02 0.00	22.56 -0.02 0.00	26.78 -0.05 0.00	27.99 -0.03 0.00	29.07 -0.03 0.00	29.22 -0.03 0.00	29.58 -0.06 0.00	30.09 0.00 0.00	29.48 0.00 0.00	28.68 0.00 0.00	27.60 -0.06 0.00	28.32 -0.14 0.00	33.31 -0.44 0.00	36.94 -0.95 0.00	33.49 -0.72 0.00	30.93 -0.41 0.00	28.07 -0.28 0.00	26.32 -0.24 0.00	24.99 -0.17 0.00	24.07 -0.12 0.00
V_CMP_10_SYNC_DSASP 323788	21.33 -0.71 0.00	19.65 -0.59 0.00	19.31 -0.42 0.00	19.64 -0.06 0.00	20.48 0.14 0.00	22.95 0.36 0.00	27.24 0.40 0.00	28.49 0.48 0.00	29.65 0.55 0.00	29.78 0.53 0.00	29.82 0.18 0.00	30.51 0.42 0.00	29.98 0.50 0.00	29.28 0.60 0.00	28.01 0.36 0.00	28.21 -0.26 0.00	32.74 -1.01 0.00	36.22 -1.67 0.00	32.67 -1.54 0.00	0.12 -1.22 30.00	27.31 -1.05 0.00	25.79 -0.77 0.00	24.63 -0.53 0.00	23.92 -0.27 0.00
V_D_10_SYNC_DSASP 323841	22.02 -0.02 0.00	20.24 0.00 0.00	19.75 0.02 0.00	19.80 0.10 0.00	20.48 0.14 0.00	22.72 0.14 0.00	26.92 0.08 0.00	28.16 0.14 0.00	29.24 0.15 0.00	29.43 0.18 0.00	29.76 0.12 0.00	30.30 0.21 0.00	29.72 0.23 0.00	28.88 0.20 0.00	27.79 0.14 0.00	28.49 0.03 0.00	33.41 -0.34 0.00	37.05 -0.83 0.00	33.56 -0.65 0.00	31.82 -0.31 -0.80	28.24 -0.11 0.00	26.48 -0.08 0.00	25.14 -0.03 0.00	24.21 0.02 0.00
V_E_10_SYNC_DSASP 323830	23.98 1.94 0.00	22.00 1.76 0.00	21.43 1.70 0.00	21.37 1.67 0.00	22.12 1.79 0.00	24.80 2.21 0.00	29.60 2.76 0.00	30.90 2.89 0.00	32.03 2.94 0.00	32.44 3.19 0.00	32.99 3.35 0.00	33.28 3.19 0.00	32.28 2.80 0.00	31.26 2.58 0.00	30.14 2.49 0.00	31.17 2.71 0.00	37.12 3.37 0.00	42.20 4.32 0.00	38.24 4.03 0.00	34.87 3.54 0.00	31.62 3.26 0.00	29.43 2.87 0.00	27.68 2.52 0.00	26.51 2.32 0.00
V_F_30_NSYNC___DSASP 323816	22.88 0.84 0.00	20.96 0.73 0.00	20.44 0.71 0.00	20.39 0.69 0.00	20.96 0.63 0.00	23.29 0.70 0.00	27.75 0.91 0.00	29.14 1.12 0.00	30.29 1.19 0.00	30.48 1.23 0.00	30.98 1.34 0.00	31.47 1.38 0.00	30.78 1.30 0.00	29.94 1.26 0.00	28.90 1.25 0.00	29.80 1.34 0.00	35.54 1.79 0.00	40.19 2.31 0.00	36.06 1.85 0.00	32.84 1.50 0.00	29.64 1.28 0.00	27.78 1.22 0.00	26.22 1.06 0.00	25.08 0.90 0.00
V_F_30_SYNC_DSASP 323786	22.22 0.18 0.00	20.44 0.20 0.00	19.93 0.20 0.00	19.87 0.18 0.00	20.45 0.12 0.00	22.65 0.07 0.00	26.92 0.08 0.00	28.35 0.34 0.00	29.48 0.38 0.00	29.63 0.38 0.00	30.15 0.50 0.00	30.63 0.54 0.00	29.98 0.50 0.00	29.17 0.49 0.00	28.15 0.50 0.00	29.06 0.60 0.00	34.59 0.84 0.00	39.09 1.21 0.00	35.03 0.82 0.00	31.93 0.60 0.00	28.81 0.45 0.00	26.98 0.42 0.00	25.49 0.33 0.00	24.43 0.24 0.00
V_XM_10_SYNC_DSASP 323789	21.33 -0.71 0.00	19.65 -0.59 0.00	19.31 -0.42 0.00	19.64 -0.06 0.00	20.48 0.14 0.00	22.95 0.36 0.00	27.24 0.40 0.00	28.49 0.48 0.00	29.65 0.55 0.00	29.78 0.53 0.00	29.82 0.18 0.00	30.51 0.42 0.00	29.98 0.50 0.00	29.28 0.60 0.00	28.01 0.36 0.00	28.21 -0.26 0.00	32.74 -1.01 0.00	36.22 -1.67 0.00	32.67 -1.54 0.00	0.12 -1.22 30.00	27.31 -1.05 0.00	25.79 -0.77 0.00	24.63 -0.53 0.00	23.92 -0.27 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	22.90 0.86 0.00	21.00 0.77 0.00	20.42 0.69 0.00	20.33 0.63 0.00	20.94 0.61 0.00	23.20 0.61 0.00	27.78 0.94 0.00	29.25 1.23 0.00	30.49 1.40 0.00	30.63 1.37 0.00	30.98 1.33 0.00	31.47 1.38 0.00	30.87 1.39 0.00	30.09 1.41 0.00	29.15 1.49 0.00	30.00 1.54 0.00	35.77 2.02 0.00	40.61 2.73 0.00	36.43 2.22 0.00	33.15 1.82 0.00	29.80 1.45 0.00	27.89 1.33 0.00	26.24 1.08 0.00	25.18 0.99 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	23.01 0.97 0.00	21.11 0.87 0.00	20.54 0.81 0.00	20.43 0.73 0.00	21.04 0.71 0.00	23.29 0.70 0.00	27.94 1.10 0.00	29.45 1.43 0.00	30.73 1.63 0.00	30.80 1.55 0.00	31.15 1.51 0.00	31.59 1.50 0.00	31.04 1.56 0.00	30.26 1.58 0.00	29.34 1.69 0.00	30.17 1.71 0.00	36.01 2.26 0.00	40.84 2.95 0.00	36.64 2.43 0.00	33.34 2.01 0.00	29.92 1.56 0.00	28.02 1.46 0.00	26.35 1.18 0.00	25.30 1.11 0.00
W50THST__13_KV_LOAD 356117	23.10 1.06 0.00	21.17 0.93 0.00	20.60 0.87 0.00	20.50 0.81 0.00	21.11 0.77 0.00	23.38 0.79 0.00	28.04 1.21 0.00	29.59 1.57 0.00	30.87 1.77 0.00	30.95 1.70 0.00	31.27 1.63 0.00	31.74 1.65 0.00	31.19 1.71 0.00	30.40 1.72 0.00	29.48 1.83 0.00	30.28 1.82 0.00	36.18 2.43 0.00	41.03 3.14 0.00	36.77 2.57 0.00	33.47 2.13 0.00	30.03 1.67 0.00	28.13 1.57 0.00	26.45 1.28 0.00	25.40 1.21 0.00
WADING RIVER_IC_1 23522	23.60 1.56 0.00	21.73 1.50 0.00	21.15 1.42 0.00	21.02 1.32 0.00	21.73 1.40 0.00	24.03 1.45 0.00	28.90 2.07 0.00	34.39 2.47 -3.90	35.17 2.68 -3.40	32.89 2.05 -1.59	35.94 1.93 -4.37	38.12 1.90 -6.14	37.04 1.92 -5.64	37.40 1.95 -6.76	35.01 2.02 -5.34	38.86 2.08 -8.32	47.31 3.04 -10.52	54.90 3.98 -13.05	54.92 3.35 -17.36	42.42 2.70 -8.39	40.13 2.15 -9.62	36.27 1.99 -7.72	30.33 1.96 -3.20	27.83 2.01 -1.64
WADING RIVER_IC_2 23547	23.60 1.56 0.00	21.73 1.50 0.00	21.15 1.42 0.00	21.02 1.32 0.00	21.73 1.40 0.00	24.03 1.45 0.00	28.90 2.07 0.00	34.39 2.47 -3.90	35.17 2.68 -3.40	32.89 2.05 -1.59	35.94 1.93 -4.37	38.12 1.90 -6.14	37.04 1.92 -5.64	37.40 1.95 -6.76	35.01 2.02 -5.34	38.86 2.08 -8.32	47.31 3.04 -10.52	54.90 3.98 -13.05	54.92 3.35 -17.36	42.42 2.70 -8.39	40.13 2.15 -9.62	36.27 1.99 -7.72	30.33 1.96 -3.20	27.83 2.01 -1.64
WADING RIVER_IC_3 23601	23.60 1.56 0.00	21.73 1.50 0.00	21.15 1.42 0.00	21.02 1.32 0.00	21.73 1.40 0.00	24.03 1.45 0.00	28.90 2.07 0.00	34.39 2.47 -3.90	35.17 2.68 -3.40	32.89 2.05 -1.59	35.94 1.93 -4.37	38.12 1.90 -6.14	37.04 1.92 -5.64	37.40 1.95 -6.76	35.01 2.02 -5.34	38.86 2.08 -8.32	47.31 3.04 -10.52	54.90 3.98 -13.05	54.92 3.35 -17.36	42.42 2.70 -8.39	40.13 2.15 -9.62	36.27 1.99 -7.72	30.33 1.96 -3.20	27.83 2.01 -1.64



WALDENNY_12_KV_BK2 80841	22.39 0.35 0.00	20.60 0.36 0.00	20.10 0.37 0.00	20.01 0.32 0.00	20.72 0.39 0.00	23.04 0.45 0.00	27.21 0.38 0.00	27.34 -0.67 0.00	28.46 -0.64 0.00	28.61 -0.64 0.00	28.75 -0.89 0.00	28.97 -1.11 0.00	28.42 -1.06 0.00	27.56 -1.12 0.00	26.35 -1.30 0.00	27.07 -1.39 0.00	32.09 -1.65 0.00	36.33 -1.55 0.00	32.77 -1.44 0.00	30.27 -1.07 0.00	27.79 -0.57 0.00	25.74 -0.82 0.00	24.48 -0.68 0.00	23.75 -0.44 0.00
WALDEN___HYDRO 24148	22.86 0.82 0.00	20.90 0.67 0.00	20.38 0.65 0.00	20.31 0.61 0.00	20.92 0.59 0.00	23.17 0.59 0.00	27.72 0.88 0.00	29.14 1.12 0.00	30.38 1.28 0.00	30.51 1.26 0.00	30.80 1.15 0.00	31.26 1.17 0.00	30.66 1.18 0.00	29.91 1.23 0.00	28.93 1.27 0.00	29.80 1.34 0.00	35.64 1.89 0.00	40.49 2.61 0.00	36.33 2.12 0.00	33.03 1.69 0.00	29.78 1.42 0.00	27.86 1.30 0.00	26.32 1.16 0.00	25.23 1.04 0.00
WARRENSBURG___ 23737	23.03 0.99 0.00	21.09 0.85 0.00	20.56 0.83 0.00	20.50 0.81 0.00	20.98 0.65 0.00	23.35 0.77 0.00	27.86 1.02 0.00	29.11 1.09 0.00	30.29 1.19 0.00	30.54 1.29 0.00	31.03 1.39 0.00	31.56 1.47 0.00	30.84 1.36 0.00	30.00 1.32 0.00	28.95 1.30 0.00	29.86 1.39 0.00	35.64 1.89 0.00	40.31 2.43 0.00	36.12 1.91 0.00	32.90 1.57 0.00	29.69 1.33 0.00	27.76 1.20 0.00	26.14 0.98 0.00	24.98 0.80 0.00
WATERSIDE___6 8 9 23538	23.15 1.10 -0.01	21.21 0.97 -0.01	20.64 0.91 -0.01	20.55 0.85 -0.01	21.15 0.81 -0.01	23.38 0.79 0.00	28.02 1.18 0.00	29.42 1.40 0.00	30.67 1.57 0.00	30.77 1.52 0.00	31.09 1.45 0.00	31.53 1.44 0.00	30.99 1.50 0.00	30.20 1.52 0.00	29.31 1.66 0.00	30.08 1.62 0.00	35.94 2.19 0.00	40.76 2.88 0.00	36.57 2.36 0.00	33.28 1.94 0.00	29.83 1.47 0.00	27.94 1.38 0.00	26.32 1.16 0.00	25.35 1.16 0.00
WATKINRD_115KV_LN8_ILLION 55919	22.22 0.18 0.00	20.38 0.14 0.00	19.89 0.16 0.00	19.83 0.14 0.00	20.48 0.14 0.00	22.77 0.18 0.00	27.08 0.24 0.00	28.32 0.31 0.00	29.42 0.32 0.00	29.60 0.35 0.00	30.00 0.36 0.00	30.45 0.36 0.00	29.81 0.32 0.00	28.97 0.29 0.00	27.93 0.28 0.00	28.78 0.31 0.00	34.19 0.44 0.00	38.53 0.64 0.00	34.69 0.48 0.00	31.74 0.41 0.00	28.70 0.34 0.00	26.90 0.35 0.00	25.49 0.33 0.00	24.50 0.31 0.00
WATSON___69_KV_BK 1 55734	23.80 1.76 0.00	21.85 1.62 0.00	21.23 1.50 0.00	21.10 1.40 0.00	21.80 1.46 0.00	24.26 1.67 0.00	29.17 2.33 0.00	34.67 2.75 -3.90	35.47 2.97 -3.40	33.56 2.72 -1.59	36.68 2.67 -4.37	38.90 2.68 -6.14	37.80 2.67 -5.64	38.11 2.67 -6.76	35.73 2.74 -5.34	39.63 2.85 -8.32	48.11 3.85 -10.52	55.78 4.85 -13.05	55.67 4.11 -17.36	43.17 3.45 -8.39	40.81 2.84 -9.62	36.88 2.60 -7.72	30.63 2.26 -3.20	28.02 2.20 -1.64
WDELAWARE___HYD 323627	22.94 0.90 0.00	20.98 0.75 0.00	20.46 0.73 0.00	20.39 0.69 0.00	21.00 0.67 0.00	23.26 0.68 0.00	27.88 1.05 0.00	29.22 1.20 0.00	30.46 1.37 0.00	30.57 1.32 0.00	30.86 1.22 0.00	31.29 1.20 0.00	30.72 1.24 0.00	29.94 1.26 0.00	28.95 1.30 0.00	29.86 1.39 0.00	35.74 1.99 0.00	40.61 2.73 0.00	36.50 2.29 0.00	33.18 1.85 0.00	29.92 1.56 0.00	27.97 1.41 0.00	26.42 1.26 0.00	25.32 1.14 0.00
WEST BABYLON___IC 23714	23.71 1.67 0.00	21.75 1.52 0.00	21.13 1.40 0.00	21.00 1.30 0.00	21.70 1.36 0.00	24.14 1.56 0.00	29.04 2.20 0.00	34.47 2.55 -3.90	35.26 2.76 -3.40	33.44 2.60 -1.59	36.59 2.58 -4.37	38.78 2.56 -6.14	37.71 2.59 -5.64	38.00 2.55 -6.76	35.62 2.63 -5.34	39.51 2.73 -8.32	47.91 3.64 -10.52	55.51 4.58 -13.05	55.47 3.90 -17.36	43.01 3.29 -8.39	40.67 2.69 -9.62	36.74 2.47 -7.72	30.53 2.16 -3.20	27.90 2.08 -1.64
WEST CANADA___HYD 24049	22.11 0.07 0.00	20.30 0.06 0.00	19.79 0.06 0.00	19.76 0.06 0.00	20.37 0.04 0.00	22.63 0.05 0.00	26.89 0.05 0.00	28.10 0.08 0.00	29.18 0.09 0.00	29.37 0.12 0.00	29.76 0.12 0.00	30.21 0.12 0.00	29.60 0.12 0.00	28.80 0.12 0.00	27.76 0.11 0.00	28.61 0.14 0.00	33.99 0.24 0.00	38.26 0.38 0.00	34.48 0.27 0.00	31.52 0.19 0.00	28.50 0.14 0.00	26.69 0.13 0.00	25.31 0.15 0.00	24.31 0.12 0.00
WESTERN_NY_WIND 24143	22.37 0.33 0.00	20.56 0.32 0.00	20.10 0.37 0.00	19.99 0.30 0.00	20.72 0.39 0.00	23.08 0.50 0.00	27.37 0.54 0.00	27.68 -0.34 0.00	28.81 -0.29 0.00	28.99 -0.26 0.00	29.14 -0.50 0.00	29.34 -0.75 0.00	28.77 -0.71 0.00	27.91 -0.77 0.00	26.71 -0.94 0.00	27.52 -0.94 0.00	32.67 -1.08 0.00	37.01 -0.87 0.00	33.42 -0.79 0.00	30.80 -0.53 0.00	28.22 -0.14 0.00	26.08 -0.48 0.00	24.78 -0.38 0.00	23.99 -0.19 0.00
WESTOVER___LESR 323668	22.48 0.44 0.00	20.64 0.40 0.00	20.08 0.36 0.00	20.03 0.33 0.00	20.70 0.37 0.00	23.02 0.43 0.00	27.32 0.48 0.00	28.32 0.31 0.00	29.42 0.32 0.00	29.60 0.35 0.00	29.94 0.30 0.00	30.30 0.21 0.00	29.66 0.18 0.00	28.85 0.17 0.00	27.79 0.14 0.00	28.60 0.14 0.00	34.02 0.27 0.00	38.49 0.61 0.00	34.69 0.48 0.00	31.74 0.41 0.00	28.84 0.48 0.00	26.90 0.35 0.00	25.44 0.28 0.00	24.50 0.31 0.00
WETHRSFD_WT_PWR 323626	22.37 0.33 0.00	20.74 0.51 0.00	20.06 0.34 0.00	19.99 0.30 0.00	20.68 0.35 0.00	22.97 0.38 0.00	27.10 0.27 0.00	27.51 -0.50 0.00	28.46 -0.64 0.00	28.58 -0.67 0.00	28.87 -0.77 0.00	29.19 -0.90 0.00	28.45 -1.03 0.00	27.48 -1.20 0.00	26.49 -1.16 0.00	27.35 -1.11 0.00	32.10 -1.65 0.00	36.40 -1.48 0.00	33.25 -0.96 0.00	30.36 -0.97 0.00	27.82 -0.54 0.00	25.82 -0.74 0.00	24.51 -0.65 0.00	23.78 -0.41 0.00
WHAVSTOR_138KV_BK127 55557	22.83 0.79 0.00	20.92 0.69 0.00	20.36 0.63 0.00	20.27 0.57 0.00	20.88 0.55 0.00	23.13 0.54 0.00	27.69 0.86 0.00	29.17 1.15 0.00	30.38 1.28 0.00	30.51 1.26 0.00	30.86 1.22 0.00	31.32 1.23 0.00	30.75 1.27 0.00	29.97 1.29 0.00	29.04 1.38 0.00	29.89 1.42 0.00	35.64 1.89 0.00	40.46 2.58 0.00	36.26 2.05 0.00	33.00 1.66 0.00	29.69 1.33 0.00	27.78 1.22 0.00	26.14 0.98 0.00	25.11 0.92 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	22.83 0.79 0.00	20.92 0.69 0.00	20.36 0.63 0.00	20.27 0.57 0.00	20.88 0.55 0.00	23.13 0.54 0.00	27.69 0.86 0.00	29.17 1.15 0.00	30.38 1.28 0.00	30.51 1.26 0.00	30.86 1.22 0.00	31.32 1.23 0.00	30.75 1.27 0.00	29.97 1.29 0.00	29.04 1.38 0.00	29.89 1.42 0.00	35.64 1.89 0.00	40.46 2.58 0.00	36.26 2.05 0.00	33.00 1.66 0.00	29.69 1.33 0.00	27.78 1.22 0.00	26.14 0.98 0.00	25.11 0.92 0.00
WHITEHAL_115KV_TB1 80871	23.21 1.17 0.00	21.27 1.03 0.00	20.70 0.97 0.00	20.66 0.97 0.00	21.17 0.83 0.00	23.60 1.02 0.00	28.15 1.31 0.00	29.53 1.51 0.00	30.70 1.60 0.00	31.04 1.78 0.00	31.57 1.93 0.00	32.10 2.02 0.00	31.34 1.86 0.00	30.46 1.78 0.00	29.42 1.77 0.00	30.34 1.88 0.00	36.21 2.46 0.00	41.03 3.14 0.00	36.71 2.50 0.00	33.43 2.10 0.00	30.14 1.79 0.00	28.13 1.57 0.00	26.37 1.21 0.00	25.25 1.06 0.00

WHITEPLN_13_KV_LOAD 356215	23.12 1.08 0.00	21.19 0.95 0.00	20.60 0.87 0.00	20.52 0.83 0.00	21.15 0.81 0.00	23.40 0.81 0.00	28.07 1.23 0.00	29.61 1.60 0.00	30.90 1.80 0.00	31.01 1.76 0.00	31.36 1.72 0.00	31.86 1.78 0.00	31.25 1.77 0.00	30.43 1.75 0.00	29.53 1.88 0.00	30.40 1.94 0.00	36.31 2.56 0.00	41.22 3.33 0.00	36.88 2.67 0.00	33.56 2.22 0.00	30.12 1.76 0.00	28.18 1.62 0.00	26.50 1.33 0.00	25.44 1.26 0.00
WM_FLOYD_69_KV_BK2 356380	23.67 1.63 0.00	21.79 1.56 0.00	21.17 1.44 0.00	21.04 1.34 0.00	21.76 1.42 0.00	24.12 1.54 0.00	28.98 2.15 0.00	34.50 2.58 -3.90	35.26 2.76 -3.40	33.12 2.28 -1.59	36.24 2.22 -4.37	38.45 2.23 -6.14	37.36 2.24 -5.64	37.65 2.21 -6.76	35.32 2.32 -5.34	39.17 2.39 -8.32	47.64 3.37 -10.52	55.25 4.32 -13.05	55.19 3.63 -17.36	42.70 2.98 -8.39	40.38 2.41 -9.62	36.48 2.20 -7.72	30.33 1.96 -3.20	27.83 2.01 -1.64
WOODARD__115KV_TB2 355635	21.95 -0.09 0.00	20.15 -0.08 0.00	19.63 -0.10 0.00	19.58 -0.12 0.00	20.23 -0.10 0.00	22.50 -0.09 0.00	26.70 -0.13 0.00	27.74 -0.28 0.00	28.81 -0.29 0.00	28.99 -0.26 0.00	29.32 -0.33 0.00	29.73 -0.36 0.00	29.10 -0.38 0.00	28.31 -0.37 0.00	27.29 -0.36 0.00	28.06 -0.40 0.00	33.21 -0.54 0.00	37.50 -0.38 0.00	33.76 -0.44 0.00	30.90 -0.44 0.00	28.05 -0.31 0.00	26.24 -0.32 0.00	24.91 -0.25 0.00	23.94 -0.24 0.00
YORK__WARBASSE 23770	23.28 1.23 -0.01	21.36 1.11 -0.01	20.78 1.05 -0.01	20.71 1.00 -0.01	21.34 1.00 -0.01	23.51 0.93 0.00	27.96 1.13 0.00	29.19 1.18 0.00	30.49 1.40 0.00	30.63 1.37 0.00	30.86 1.22 0.00	31.32 1.23 0.00	30.78 1.30 0.00	30.00 1.32 0.00	29.17 1.52 0.00	29.89 1.42 0.00	35.81 2.06 0.00	40.72 2.84 0.00	36.57 2.36 0.00	33.25 1.91 0.00	29.66 1.30 0.00	27.78 1.22 0.00	26.35 1.18 0.00	25.66 1.48 0.00