

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

12/19/2023

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	23.10	21.41	20.58	20.36	21.31	22.92	30.93	35.36	34.01	32.12	32.81	32.81	31.94	31.55	32.10	33.21	42.36	50.68	45.40	41.61	33.92	32.78	32.52	29.21
24138	1.27	1.12	1.11	1.04	1.05	1.01	1.53	2.44	2.22	2.18	2.00	2.03	2.01	1.95	2.10	2.06	3.24	4.31	3.32	3.08	2.22	1.80	2.01	1.78
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	23.12	21.41	20.58	20.36	21.31	23.01	30.93	35.30	33.94	32.10	32.78	32.78	31.97	31.52	32.07	33.27	42.32	50.59	45.36	41.57	33.69	32.97	32.43	29.19
24260	1.29	1.12	1.11	1.04	1.05	1.10	1.53	2.37	2.16	2.16	1.97	2.00	2.04	1.92	2.07	2.12	3.21	4.22	3.28	3.04	2.00	1.98	1.92	1.76
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	23.12	21.41	20.58	20.36	21.31	23.01	30.93	35.30	33.94	32.10	32.78	32.78	31.97	31.52	32.07	33.27	42.32	50.59	45.36	41.57	33.69	32.97	32.43	29.19
24261	1.29	1.12	1.11	1.04	1.05	1.10	1.53	2.37	2.16	2.16	1.97	2.00	2.04	1.92	2.07	2.12	3.21	4.22	3.28	3.04	2.00	1.98	1.92	1.76
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	22.68	21.06	20.19	20.03	21.08	22.88	30.84	34.74	33.69	31.59	32.51	32.50	31.58	31.25	31.74	33.08	41.85	50.03	45.15	41.10	33.60	32.78	32.04	28.69
24011	0.85	0.77	0.72	0.71	0.83	0.96	1.44	1.81	1.91	1.65	1.69	1.72	1.65	1.66	1.74	1.93	2.74	3.66	3.07	2.58	1.90	1.80	1.53	1.26
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	22.73	21.10	20.23	20.07	21.12	22.90	30.93	34.87	33.85	31.71	32.63	32.66	31.70	31.37	31.86	33.21	42.05	50.27	45.36	41.30	33.92	32.85	32.13	28.80
23798	0.90	0.81	0.76	0.75	0.87	0.99	1.53	1.94	2.06	1.77	1.82	1.88	1.77	1.78	1.86	2.06	2.93	3.90	3.28	2.78	2.22	1.86	1.62	1.37
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	22.68	21.06	20.19	20.03	21.08	22.88	30.84	34.74	33.69	31.59	32.51	32.50	31.58	31.25	31.74	33.08	41.85	50.03	45.15	41.10	33.60	32.78	32.04	28.69
24028	0.85	0.77	0.72	0.71	0.83	0.96	1.44	1.81	1.91	1.65	1.69	1.72	1.65	1.66	1.74	1.93	2.74	3.66	3.07	2.58	1.90	1.80	1.53	1.26
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	22.55	21.02	20.15	19.99	21.06	22.70	30.54	34.41	33.18	31.17	31.95	32.01	31.16	30.75	31.26	32.61	41.18	49.25	44.56	40.56	33.34	32.38	31.82	28.50
23527	0.72	0.73	0.68	0.68	0.81	0.79	1.15	1.48	1.40	1.23	1.14	1.23	1.23	1.15	1.26	1.46	2.07	2.88	2.48	2.04	1.65	1.40	1.31	1.07
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	21.94	20.47	19.66	19.51	20.46	22.07	29.52	33.25	32.10	30.21	31.03	31.06	30.23	29.89	30.30	31.59	39.81	47.53	42.96	39.22	32.05	31.39	30.76	27.62
24190	0.11	0.18	0.19	0.19	0.20	0.15	0.12	0.33	0.32	0.27	0.22	0.28	0.30	0.30	0.30	0.44	0.70	1.16	0.88	0.69	0.35	0.40	0.24	0.19
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	21.79	20.29	19.49	19.34	20.25	21.87	29.28	32.66	31.50	29.67	30.53	30.53	29.66	29.33	29.76	30.84	38.21	45.07	41.15	37.83	31.44	30.86	30.45	27.32
355683	-0.04	0.00	0.02	0.02	0.00	-0.04	-0.12	-0.26	-0.29	-0.27	-0.28	-0.25	-0.27	-0.27	-0.24	-0.31	-0.90	-1.30	-0.93	-0.69	-0.25	-0.12	-0.06	-0.11
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	22.42	20.86	20.03	19.88	20.84	22.53	30.16	33.88	32.74	30.78	31.64	31.64	30.77	30.45	30.87	32.18	40.64	48.46	43.89	40.06	32.77	32.07	31.46	28.25
323833	0.59	0.57	0.56	0.56	0.59	0.61	0.76	0.95	0.95	0.84	0.83	0.86	0.84	0.86	0.87	1.03	1.53	2.09	1.81	1.54	1.08	1.08	0.95	0.82
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	22.40	20.86	20.01	19.86	20.84	22.51	30.16	33.88	32.74	30.78	31.64	31.64	30.77	30.42	30.87	32.18	40.64	48.46	43.89	40.03	32.77	32.07	31.46	28.25
323834	0.57	0.57	0.55	0.54	0.59	0.59	0.76	0.95	0.95	0.84	0.83	0.86	0.84	0.83	0.87	1.03	1.53	2.09	1.81	1.50	1.08	1.08	0.95	0.82
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	21.94	20.47	19.66	19.51	20.46	22.07	29.52	33.25	32.10	30.21	31.03	31.06	30.23	29.89	30.30	31.59	39.81	47.53	42.96	39.22	32.05	31.39	30.76	27.62
23571	0.11	0.18	0.19	0.19	0.20	0.15	0.12	0.33	0.32	0.27	0.22	0.28	0.30	0.30	0.30	0.44	0.70	1.16	0.88	0.69	0.35	0.40	0.24	0.19
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	21.94 0.11 0.00	20.47 0.18 0.00	19.66 0.19 0.00	19.51 0.19 0.00	20.46 0.20 0.00	22.07 0.15 0.00	29.52 0.12 0.00	33.25 0.33 0.00	32.10 0.32 0.00	30.21 0.27 0.00	31.03 0.22 0.00	31.06 0.28 0.00	30.23 0.30 0.00	29.89 0.30 0.00	30.30 0.30 0.00	31.59 0.44 0.00	39.81 0.70 0.00	47.53 1.16 0.00	42.96 0.88 0.00	39.22 0.69 0.00	32.05 0.35 0.00	31.39 0.40 0.00	30.76 0.24 0.00	27.62 0.19 0.00
ALBANY___3 23573	21.94 0.11 0.00	20.47 0.18 0.00	19.66 0.19 0.00	19.51 0.19 0.00	20.46 0.20 0.00	22.07 0.15 0.00	29.52 0.12 0.00	33.25 0.33 0.00	32.10 0.32 0.00	30.21 0.27 0.00	31.03 0.22 0.00	31.06 0.28 0.00	30.23 0.30 0.00	29.89 0.30 0.00	30.30 0.30 0.00	31.59 0.44 0.00	39.81 0.70 0.00	47.53 1.16 0.00	42.96 0.88 0.00	39.22 0.69 0.00	32.05 0.35 0.00	31.39 0.40 0.00	30.76 0.24 0.00	27.62 0.19 0.00
ALBANY___4 23574	21.94 0.11 0.00	20.47 0.18 0.00	19.66 0.19 0.00	19.51 0.19 0.00	20.46 0.20 0.00	22.07 0.15 0.00	29.52 0.12 0.00	33.25 0.33 0.00	32.10 0.32 0.00	30.21 0.27 0.00	31.03 0.22 0.00	31.06 0.28 0.00	30.23 0.30 0.00	29.89 0.30 0.00	30.30 0.30 0.00	31.59 0.44 0.00	39.81 0.70 0.00	47.53 1.16 0.00	42.96 0.88 0.00	39.22 0.69 0.00	32.05 0.35 0.00	31.39 0.40 0.00	30.76 0.24 0.00	27.62 0.19 0.00
ALBANY___LFGE 323615	22.14 0.31 0.00	20.63 0.34 0.00	19.80 0.33 0.00	19.66 0.35 0.00	20.62 0.36 0.00	22.22 0.31 0.00	29.78 0.38 0.00	33.58 0.66 0.00	32.45 0.67 0.00	30.54 0.60 0.00	31.37 0.56 0.00	31.40 0.62 0.00	30.53 0.60 0.00	30.22 0.62 0.00	30.63 0.63 0.00	31.90 0.75 0.00	40.28 1.17 0.00	48.09 1.72 0.00	43.47 1.39 0.00	39.60 1.08 0.00	32.52 0.82 0.00	31.64 0.65 0.00	31.09 0.58 0.00	27.93 0.49 0.00
ALCOA_PA_115KV_PL-6C 55860	21.92 0.09 0.00	20.41 0.12 0.00	19.61 0.14 0.00	19.45 0.14 0.00	20.37 0.12 0.00	22.00 0.09 0.00	29.43 0.03 0.00	32.69 -0.23 0.00	31.53 -0.25 0.00	29.79 -0.15 0.00	30.72 -0.09 0.00	30.72 -0.06 0.00	29.84 -0.09 0.00	29.50 -0.09 0.00	29.94 -0.06 0.00	30.93 -0.22 0.00	38.29 -0.82 0.00	45.16 -1.21 0.00	41.28 -0.80 0.00	37.94 -0.58 0.00	31.54 -0.16 0.00	30.96 -0.03 0.00	30.63 0.12 0.00	27.46 0.03 0.00
ALCOA_RYNLDS___DRP 24188	21.92 0.09 0.00	20.41 0.12 0.00	19.61 0.14 0.00	19.45 0.14 0.00	20.37 0.12 0.00	22.00 0.09 0.00	29.43 0.03 0.00	32.69 -0.23 0.00	31.53 -0.25 0.00	29.79 -0.15 0.00	30.72 -0.09 0.00	30.72 -0.06 0.00	29.84 -0.09 0.00	29.50 -0.09 0.00	29.94 -0.06 0.00	30.93 -0.22 0.00	38.29 -0.82 0.00	45.16 -1.21 0.00	41.28 -0.80 0.00	37.94 -0.58 0.00	31.54 -0.16 0.00	30.96 -0.03 0.00	30.63 0.12 0.00	27.46 0.03 0.00
ALCOA___DSASP 323711	21.92 0.09 0.00	20.41 0.12 0.00	19.61 0.14 0.00	19.45 0.14 0.00	20.37 0.12 0.00	22.00 0.09 0.00	29.43 0.03 0.00	32.70 -0.23 0.00	31.53 -0.26 0.00	29.79 -0.15 0.00	30.72 -0.09 0.00	30.72 -0.06 0.00	29.84 -0.09 0.00	29.50 -0.09 0.00	29.94 -0.06 0.00	30.93 -0.22 0.00	38.29 -0.82 0.00	45.16 -1.21 0.00	41.28 -0.80 0.00	37.95 -0.58 0.00	31.32 -0.38 0.00	30.96 -0.03 0.00	30.63 0.12 0.00	27.57 0.14 0.00
ALLEGHENY___COGEN 23514	22.14 0.31 0.00	20.35 0.06 0.00	19.45 -0.02 0.00	19.30 -0.02 0.00	20.31 0.06 0.00	22.31 0.39 0.00	30.43 1.03 0.00	33.62 0.69 0.00	32.93 1.14 0.00	30.90 0.96 0.00	31.89 1.08 0.00	31.70 0.92 0.00	30.80 0.87 0.00	30.42 0.83 0.00	30.75 0.75 0.00	31.99 0.84 0.00	40.95 1.84 0.00	48.23 1.86 0.00	43.72 1.64 0.00	40.22 1.69 0.00	33.22 1.52 0.00	31.82 0.84 0.00	31.03 0.52 0.00	27.98 0.55 0.00
ALTAMONT_115KV_TB 2 55880	22.22 0.39 0.00	20.70 0.41 0.00	19.86 0.39 0.00	19.68 0.37 0.00	20.66 0.41 0.00	22.33 0.42 0.00	29.93 0.53 0.00	33.71 0.79 0.00	32.55 0.76 0.00	30.63 0.69 0.00	31.46 0.65 0.00	31.46 0.68 0.00	30.62 0.69 0.00	30.27 0.68 0.00	30.72 0.72 0.00	31.96 0.81 0.00	40.36 1.25 0.00	48.09 1.72 0.00	43.51 1.43 0.00	39.72 1.19 0.00	32.46 0.76 0.00	31.76 0.77 0.00	31.18 0.67 0.00	28.01 0.58 0.00
ALTONA_WT_PWR 323606	21.94 0.11 0.00	20.61 0.32 0.00	19.86 0.39 0.00	19.76 0.44 0.00	20.56 0.30 0.00	22.26 0.35 0.00	29.40 0.00 0.00	32.63 -0.30 0.00	31.18 -0.60 0.00	28.98 -0.96 0.00	29.82 -0.99 0.00	29.70 -1.08 0.00	28.74 -1.20 0.00	28.41 -1.18 0.00	28.89 -1.11 0.00	30.12 -1.03 0.00	37.43 -1.68 0.00	43.68 -2.69 0.00	40.06 -2.02 0.00	37.64 -0.88 0.00	31.22 -0.47 0.00	31.05 0.06 0.00	30.63 0.12 0.00	27.95 0.52 0.00
AMERICAN_REF_FUEL 24010	20.19 -1.64 0.00	18.67 -1.62 0.00	17.89 -1.58 0.00	17.73 -1.58 0.00	18.59 -1.66 0.00	20.42 -1.49 0.00	27.66 -1.73 0.00	30.09 -2.83 0.00	29.75 -2.03 0.00	27.99 -1.95 0.00	28.90 -1.91 0.00	28.81 -1.97 0.00	28.08 -1.86 0.00	27.73 -1.86 0.00	27.87 -2.13 0.00	28.78 -2.37 0.00	36.65 -2.46 0.00	42.43 -3.94 0.00	38.54 -3.53 0.00	35.36 -3.16 0.00	29.60 -2.09 0.00	28.51 -2.48 0.00	27.80 -2.72 0.00	25.46 -1.98 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	20.72 -1.11 0.00	19.01 -1.28 0.00	18.20 -1.27 0.00	18.16 -1.16 0.00	18.94 -1.32 0.00	20.88 -1.03 0.00	28.54 -0.85 0.00	31.21 -1.71 0.00	30.83 -0.95 0.00	29.07 -0.87 0.00	30.10 -0.71 0.00	29.98 -0.80 0.00	29.25 -0.69 0.00	28.91 -0.68 0.00	29.19 -0.81 0.00	30.12 -1.03 0.00	38.68 -0.43 0.00	45.26 -1.11 0.00	40.99 -1.09 0.00	37.71 -0.81 0.00	31.48 -0.22 0.00	30.15 -0.84 0.00	29.35 -1.16 0.00	26.69 -0.74 0.00
ARTHUR KILL_GT_1 23520	23.37 1.53 -0.01	21.66 1.36 -0.01	20.80 1.32 -0.01	20.60 1.27 -0.01	21.53 1.28 0.00	22.90 0.99 0.00	30.60 1.21 0.00	34.73 1.81 0.01	33.43 1.65 0.01	31.64 1.71 0.01	32.28 1.48 0.01	32.31 1.54 0.01	31.45 1.53 0.01	31.09 1.51 0.01	31.64 1.65 0.01	32.70 1.56 0.01	41.80 2.70 0.01	50.07 3.71 0.01	44.93 2.86 0.01	41.14 2.62 0.01	33.43 1.74 0.01	32.28 1.30 0.01	32.52 2.01 0.00	29.33 1.89 -0.01
ARTHUR_KILL_2 23512	23.32 1.49 -0.01	21.60 1.30 -0.01	20.76 1.28 -0.01	20.54 1.22 -0.01	21.47 1.22 0.00	22.86 0.94 0.00	30.52 1.12 0.00	34.63 1.71 0.01	33.33 1.56 0.01	31.55 1.62 0.01	32.19 1.39 0.01	32.22 1.45 0.01	31.39 1.47 0.01	31.04 1.45 0.01	31.55 1.56 0.01	32.61 1.46 0.01	41.64 2.54 0.01	49.93 3.57 0.01	44.80 2.73 0.01	41.02 2.50 0.01	33.34 1.65 0.01	32.19 1.21 0.01	32.43 1.92 0.00	29.25 1.81 -0.01
ARTHUR_KILL_3 23513	22.92 1.09 0.00	21.24 0.95 0.00	20.40 0.93 0.00	20.21 0.89 0.00	21.12 0.87 0.00	22.75 0.83 0.00	30.66 1.26 0.00	35.03 2.11 0.00	33.66 1.87 0.00	31.83 1.89 0.00	32.50 1.69 0.00	32.50 1.72 0.00	31.64 1.71 0.00	31.25 1.66 0.00	31.80 1.80 0.00	32.93 1.77 0.00	41.93 2.82 0.00	50.17 3.80 0.00	44.94 2.86 0.00	41.22 2.70 0.00	33.66 1.97 0.00	32.54 1.55 0.00	32.28 1.77 0.00	28.99 1.56 0.00

ARTHUR_KILL_COGEN 323718	23.37 1.53 -0.01	21.66 1.36 -0.01	20.80 1.32 -0.01	20.60 1.27 -0.01	21.53 1.28 0.00	22.90 0.99 0.00	30.60 1.21 0.00	34.73 1.81 0.01	33.43 1.65 0.01	31.64 1.71 0.01	32.28 1.48 0.01	32.31 1.54 0.01	31.45 1.53 0.01	31.09 1.51 0.01	31.64 1.65 0.01	32.70 1.56 0.01	41.80 2.70 0.01	50.07 3.71 0.01	44.93 2.86 0.01	41.14 2.62 0.01	33.43 1.74 0.01	32.28 1.30 0.01	32.52 2.01 0.00	29.33 1.89 -0.01
ASHOKAN____ 23654	22.79 0.96 0.00	21.18 0.89 0.00	20.31 0.84 0.00	20.13 0.81 0.00	21.12 0.87 0.00	22.79 0.88 0.00	30.60 1.21 0.00	34.11 1.18 0.00	32.80 1.02 0.00	30.96 1.02 0.00	31.67 0.86 0.00	31.64 0.86 0.00	30.74 0.81 0.00	30.36 0.77 0.00	30.87 0.87 0.00	32.30 1.15 0.00	41.10 1.99 0.00	49.38 3.01 0.00	44.77 2.70 0.00	40.76 2.23 0.00	33.38 1.68 0.00	32.41 1.43 0.00	31.82 1.31 0.00	28.67 1.24 0.00
ASTORIA_EAST_ENERGY_CC1 323581	23.26 1.42 -0.01	21.47 1.18 0.00	20.64 1.17 0.00	20.42 1.10 0.00	21.33 1.07 0.00	22.92 1.01 0.00	30.60 1.21 0.00	34.89 1.98 0.01	33.62 1.84 0.01	31.79 1.86 0.01	32.47 1.66 0.01	32.49 1.72 0.01	31.69 1.77 0.01	31.37 1.78 0.00	31.82 1.83 0.01	32.89 1.74 0.01	41.88 2.78 0.01	50.07 3.71 0.01	45.02 2.94 0.01	41.18 2.66 0.00	33.59 1.90 0.01	32.41 1.43 0.01	32.83 2.32 0.00	29.50 2.06 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	23.26 1.42 -0.01	21.47 1.18 0.00	20.64 1.17 0.00	20.42 1.10 0.00	21.33 1.07 0.00	22.92 1.01 0.00	30.60 1.21 0.00	34.89 1.98 0.01	33.62 1.84 0.01	31.79 1.86 0.01	32.47 1.66 0.01	32.49 1.72 0.01	31.69 1.77 0.01	31.37 1.78 0.00	31.82 1.83 0.01	32.89 1.74 0.01	41.88 2.78 0.01	50.07 3.71 0.01	45.02 2.94 0.01	41.18 2.66 0.00	33.59 1.90 0.01	32.41 1.43 0.01	32.83 2.32 0.00	29.52 2.08 -0.01
ASTORIA_GT2_1 24094	23.25 1.42 0.00	21.47 1.18 0.00	20.64 1.17 0.00	20.42 1.10 0.00	21.33 1.07 0.00	23.01 1.10 0.00	30.63 1.23 0.00	34.90 1.98 0.00	33.63 1.84 0.00	31.80 1.86 0.00	32.51 1.69 0.00	32.50 1.72 0.00	31.76 1.83 0.00	31.37 1.78 0.00	31.86 1.86 0.00	33.02 1.87 0.00	41.93 2.82 0.00	50.13 3.76 0.00	45.07 2.99 0.00	41.22 2.70 0.00	33.41 1.71 0.00	32.63 1.64 0.00	32.25 1.74 0.00	29.47 2.03 -0.01
ASTORIA_GT2_2 24095	23.25 1.42 0.00	21.47 1.18 0.00	20.64 1.17 0.00	20.42 1.10 0.00	21.33 1.07 0.00	23.01 1.10 0.00	30.63 1.23 0.00	34.90 1.98 0.00	33.63 1.84 0.00	31.80 1.86 0.00	32.51 1.69 0.00	32.50 1.72 0.00	31.76 1.83 0.00	31.37 1.78 0.00	31.86 1.86 0.00	33.02 1.87 0.00	41.93 2.82 0.00	50.13 3.76 0.00	45.07 2.99 0.00	41.22 2.70 0.00	33.41 1.71 0.00	32.63 1.64 0.00	32.25 1.74 0.00	29.47 2.03 -0.01
ASTORIA_GT2_3 24096	23.25 1.42 0.00	21.47 1.18 0.00	20.64 1.17 0.00	20.42 1.10 0.00	21.33 1.07 0.00	23.01 1.10 0.00	30.63 1.23 0.00	34.90 1.98 0.00	33.63 1.84 0.00	31.80 1.86 0.00	32.51 1.69 0.00	32.50 1.72 0.00	31.76 1.83 0.00	31.37 1.78 0.00	31.86 1.86 0.00	33.02 1.87 0.00	41.93 2.82 0.00	50.13 3.76 0.00	45.07 2.99 0.00	41.22 2.70 0.00	33.41 1.71 0.00	32.63 1.64 0.00	32.25 1.74 0.00	29.47 2.03 -0.01
ASTORIA_GT2_4 24097	23.25 1.42 0.00	21.47 1.18 0.00	20.64 1.17 0.00	20.42 1.10 0.00	21.33 1.07 0.00	23.01 1.10 0.00	30.63 1.23 0.00	34.90 1.98 0.00	33.63 1.84 0.00	31.80 1.86 0.00	32.51 1.69 0.00	32.50 1.72 0.00	31.76 1.83 0.00	31.37 1.78 0.00	31.86 1.86 0.00	33.02 1.87 0.00	41.93 2.82 0.00	50.13 3.76 0.00	45.07 2.99 0.00	41.22 2.70 0.00	33.41 1.71 0.00	32.63 1.64 0.00	32.25 1.74 0.00	29.47 2.03 -0.01
ASTORIA_GT3_1 24098	23.25 1.42 0.00	21.47 1.18 0.00	20.64 1.17 0.00	20.42 1.10 0.00	21.33 1.07 0.00	23.01 1.10 0.00	30.63 1.23 0.00	34.90 1.98 0.00	33.63 1.84 0.00	31.80 1.86 0.00	32.51 1.69 0.00	32.50 1.72 0.00	31.76 1.83 0.00	31.37 1.78 0.00	31.86 1.86 0.00	33.02 1.87 0.00	41.93 2.82 0.00	50.13 3.76 0.00	45.07 2.99 0.00	41.22 2.70 0.00	33.41 1.71 0.00	32.63 1.64 0.00	32.25 1.74 0.00	29.47 2.03 -0.01
ASTORIA_GT3_2 24099	23.25 1.42 0.00	21.47 1.18 0.00	20.64 1.17 0.00	20.42 1.10 0.00	21.33 1.07 0.00	23.01 1.10 0.00	30.63 1.23 0.00	34.90 1.98 0.00	33.63 1.84 0.00	31.80 1.86 0.00	32.51 1.69 0.00	32.50 1.72 0.00	31.76 1.83 0.00	31.37 1.78 0.00	31.86 1.86 0.00	33.02 1.87 0.00	41.93 2.82 0.00	50.13 3.76 0.00	45.07 2.99 0.00	41.22 2.70 0.00	33.41 1.71 0.00	32.63 1.64 0.00	32.25 1.74 0.00	29.47 2.03 -0.01
ASTORIA_GT3_3 24100	23.25 1.42 0.00	21.47 1.18 0.00	20.64 1.17 0.00	20.42 1.10 0.00	21.33 1.07 0.00	23.01 1.10 0.00	30.63 1.23 0.00	34.90 1.98 0.00	33.63 1.84 0.00	31.80 1.86 0.00	32.51 1.69 0.00	32.50 1.72 0.00	31.76 1.83 0.00	31.37 1.78 0.00	31.86 1.86 0.00	33.02 1.87 0.00	41.93 2.82 0.00	50.13 3.76 0.00	45.07 2.99 0.00	41.22 2.70 0.00	33.41 1.71 0.00	32.63 1.64 0.00	32.25 1.74 0.00	29.47 2.03 -0.01
ASTORIA_GT3_4 24101	23.25 1.42 0.00	21.47 1.18 0.00	20.64 1.17 0.00	20.42 1.10 0.00	21.33 1.07 0.00	23.01 1.10 0.00	30.63 1.23 0.00	34.90 1.98 0.00	33.63 1.84 0.00	31.80 1.86 0.00	32.51 1.69 0.00	32.50 1.72 0.00	31.76 1.83 0.00	31.37 1.78 0.00	31.86 1.86 0.00	33.02 1.87 0.00	41.93 2.82 0.00	50.13 3.76 0.00	45.07 2.99 0.00	41.22 2.70 0.00	33.41 1.71 0.00	32.63 1.64 0.00	32.25 1.74 0.00	29.47 2.03 -0.01
ASTORIA_GT4_1 24102	23.25 1.42 0.00	21.47 1.18 0.00	20.64 1.17 0.00	20.42 1.10 0.00	21.33 1.07 0.00	23.01 1.10 0.00	30.63 1.23 0.00	34.90 1.98 0.00	33.63 1.84 0.00	31.80 1.86 0.00	32.51 1.69 0.00	32.50 1.72 0.00	31.76 1.83 0.00	31.37 1.78 0.00	31.86 1.86 0.00	33.02 1.87 0.00	41.93 2.82 0.00	50.13 3.76 0.00	45.07 2.99 0.00	41.22 2.70 0.00	33.41 1.71 0.00	32.63 1.64 0.00	32.25 1.74 0.00	29.47 2.03 -0.01
ASTORIA_GT4_2 24103	23.25 1.42 0.00	21.47 1.18 0.00	20.64 1.17 0.00	20.42 1.10 0.00	21.33 1.07 0.00	23.01 1.10 0.00	30.63 1.23 0.00	34.90 1.98 0.00	33.63 1.84 0.00	31.80 1.86 0.00	32.51 1.69 0.00	32.50 1.72 0.00	31.76 1.83 0.00	31.37 1.78 0.00	31.86 1.86 0.00	33.02 1.87 0.00	41.93 2.82 0.00	50.13 3.76 0.00	45.07 2.99 0.00	41.22 2.70 0.00	33.41 1.71 0.00	32.63 1.64 0.00	32.25 1.74 0.00	29.47 2.03 -0.01
ASTORIA_GT4_3 24104	23.25 1.42 0.00	21.47 1.18 0.00	20.64 1.17 0.00	20.42 1.10 0.00	21.33 1.07 0.00	23.01 1.10 0.00	30.63 1.23 0.00	34.90 1.98 0.00	33.63 1.84 0.00	31.80 1.86 0.00	32.51 1.69 0.00	32.50 1.72 0.00	31.76 1.83 0.00	31.37 1.78 0.00	31.86 1.86 0.00	33.02 1.87 0.00	41.93 2.82 0.00	50.13 3.76 0.00	45.07 2.99 0.00	41.22 2.70 0.00	33.41 1.71 0.00	32.63 1.64 0.00	32.25 1.74 0.00	29.47 2.03 -0.01

ASTORIA_GT4_4 24105	23.25 1.42 0.00	21.47 1.18 0.00	20.64 1.17 0.00	20.42 1.10 0.00	21.33 1.07 0.00	23.01 1.10 0.00	30.63 1.23 0.00	34.90 1.98 0.00	33.63 1.84 0.00	31.80 1.86 0.00	32.51 1.69 0.00	32.50 1.72 0.00	31.76 1.83 0.00	31.37 1.78 0.00	31.86 1.86 0.00	33.02 1.87 0.00	41.93 2.82 0.00	50.13 3.76 0.00	45.07 2.99 0.00	41.22 2.70 0.00	33.41 1.71 0.00	32.63 1.64 0.00	32.25 1.74 0.00	29.47 2.03 -0.01
ASTORIA_GT_1 23523	23.30 1.46 -0.01	21.49 1.20 0.00	20.68 1.21 0.00	20.46 1.14 0.00	21.35 1.09 0.00	22.97 1.05 0.00	30.66 1.26 0.00	34.96 2.04 0.01	33.68 1.91 0.01	31.85 1.92 0.01	32.56 1.76 0.01	32.56 1.78 0.01	31.75 1.83 0.01	31.43 1.84 0.00	31.88 1.89 0.01	32.98 1.84 0.01	42.00 2.89 0.01	50.21 3.85 0.01	45.14 3.07 0.01	41.30 2.78 0.00	33.66 1.97 0.01	32.50 1.52 0.01	32.89 2.38 0.00	29.55 2.11 -0.01
ASTORIA_GT_10 24110	23.12 1.29 0.00	21.41 1.12 0.00	20.58 1.11 0.00	20.36 1.04 0.00	21.29 1.03 0.00	22.94 1.03 0.00	30.75 1.35 0.00	35.00 2.07 0.00	33.72 1.94 0.00	31.89 1.95 0.00	32.57 1.76 0.00	32.56 1.79 0.00	31.79 1.86 0.00	31.34 1.75 0.00	31.86 1.86 0.00	33.05 1.90 0.00	41.97 2.86 0.00	50.17 3.80 0.00	45.02 2.95 0.00	41.22 2.70 0.00	33.44 1.74 0.00	32.75 1.77 0.00	32.28 1.77 0.00	29.22 1.78 -0.01
ASTORIA_GT_11 24225	23.12 1.29 0.00	21.41 1.12 0.00	20.58 1.11 0.00	20.36 1.04 0.00	21.29 1.03 0.00	22.94 1.03 0.00	30.75 1.35 0.00	35.00 2.07 0.00	33.72 1.94 0.00	31.89 1.95 0.00	32.57 1.76 0.00	32.56 1.79 0.00	31.79 1.86 0.00	31.34 1.75 0.00	31.86 1.86 0.00	33.05 1.90 0.00	41.97 2.86 0.00	50.17 3.80 0.00	45.02 2.95 0.00	41.22 2.70 0.00	33.44 1.74 0.00	32.75 1.77 0.00	32.28 1.77 0.00	29.22 1.78 -0.01
ASTORIA_GT_12 24226	23.12 1.29 0.00	21.41 1.12 0.00	20.58 1.11 0.00	20.36 1.04 0.00	21.29 1.03 0.00	22.94 1.03 0.00	30.75 1.35 0.00	35.00 2.07 0.00	33.72 1.94 0.00	31.89 1.95 0.00	32.57 1.76 0.00	32.56 1.79 0.00	31.79 1.86 0.00	31.34 1.75 0.00	31.86 1.86 0.00	33.05 1.90 0.00	41.97 2.86 0.00	50.17 3.80 0.00	45.02 2.95 0.00	41.22 2.70 0.00	33.44 1.74 0.00	32.75 1.77 0.00	32.28 1.77 0.00	29.22 1.78 -0.01
ASTORIA_GT_13 24227	23.12 1.29 0.00	21.41 1.12 0.00	20.58 1.11 0.00	20.36 1.04 0.00	21.29 1.03 0.00	22.94 1.03 0.00	30.75 1.35 0.00	35.00 2.07 0.00	33.72 1.94 0.00	31.89 1.95 0.00	32.57 1.76 0.00	32.56 1.79 0.00	31.79 1.86 0.00	31.34 1.75 0.00	31.86 1.86 0.00	33.05 1.90 0.00	41.97 2.86 0.00	50.17 3.80 0.00	45.02 2.95 0.00	41.22 2.70 0.00	33.44 1.74 0.00	32.75 1.77 0.00	32.28 1.77 0.00	29.22 1.78 -0.01
ASTORIA_GT_5 24106	23.29 1.46 0.00	21.49 1.20 0.00	20.68 1.21 0.00	20.46 1.14 0.00	21.35 1.09 0.00	23.03 1.12 0.00	30.69 1.29 0.00	34.97 2.04 0.00	33.69 1.91 0.00	31.86 1.92 0.00	32.57 1.76 0.00	32.56 1.79 0.00	31.82 1.89 0.00	31.43 1.83 0.00	31.92 1.92 0.00	33.05 1.90 0.00	42.01 2.89 0.00	50.22 3.85 0.00	45.15 3.07 0.00	41.30 2.77 0.00	33.47 1.78 0.00	32.69 1.70 0.00	32.28 1.77 0.00	29.50 2.06 -0.01
ASTORIA_GT_7 24107	23.29 1.46 0.00	21.49 1.20 0.00	20.68 1.21 0.00	20.46 1.14 0.00	21.35 1.09 0.00	23.03 1.12 0.00	30.69 1.29 0.00	34.97 2.04 0.00	33.69 1.91 0.00	31.86 1.92 0.00	32.57 1.76 0.00	32.56 1.79 0.00	31.82 1.89 0.00	31.43 1.83 0.00	31.92 1.92 0.00	33.05 1.90 0.00	42.01 2.89 0.00	50.22 3.85 0.00	45.15 3.07 0.00	41.30 2.77 0.00	33.47 1.78 0.00	32.69 1.70 0.00	32.28 1.77 0.00	29.50 2.06 -0.01
ASTORIA_GT_8 24108	23.29 1.46 0.00	21.49 1.20 0.00	20.68 1.21 0.00	20.46 1.14 0.00	21.35 1.09 0.00	23.03 1.12 0.00	30.69 1.29 0.00	34.97 2.04 0.00	33.69 1.91 0.00	31.86 1.92 0.00	32.57 1.76 0.00	32.56 1.79 0.00	31.82 1.89 0.00	31.43 1.83 0.00	31.92 1.92 0.00	33.05 1.90 0.00	42.01 2.89 0.00	50.22 3.85 0.00	45.15 3.07 0.00	41.30 2.77 0.00	33.47 1.78 0.00	32.69 1.70 0.00	32.28 1.77 0.00	29.50 2.06 -0.01
ASTORIA___2 24149	23.26 1.42 -0.01	21.47 1.18 0.00	20.64 1.17 0.00	20.42 1.10 0.00	21.33 1.07 0.00	22.92 1.01 0.00	30.63 1.23 0.00	34.89 1.98 0.01	33.62 1.84 0.01	31.79 1.86 0.01	32.50 1.69 0.01	32.49 1.72 0.01	31.69 1.77 0.01	31.37 1.78 0.00	31.82 1.83 0.01	32.92 1.77 0.01	41.92 2.82 0.01	50.12 3.75 0.01	45.06 2.99 0.01	41.22 2.70 0.00	33.59 1.90 0.01	32.44 1.46 0.01	32.83 2.32 0.00	29.52 2.08 -0.01
ASTORIA___3 23516	23.12 1.29 0.00	21.41 1.12 0.00	20.58 1.11 0.00	20.36 1.04 0.00	21.29 1.03 0.00	22.88 0.96 0.00	30.72 1.32 0.00	35.00 2.08 0.00	33.72 1.94 0.00	31.88 1.94 0.00	32.57 1.76 0.00	32.56 1.78 0.00	31.73 1.80 0.00	31.34 1.75 0.00	31.86 1.86 0.00	32.96 1.81 0.00	41.96 2.85 0.00	50.17 3.80 0.00	45.02 2.94 0.00	41.22 2.70 0.00	33.66 1.97 0.00	32.54 1.55 0.00	32.52 2.01 0.00	29.28 1.84 -0.01
ASTORIA___4 23517	23.12 1.29 0.00	21.41 1.12 0.00	20.58 1.11 0.00	20.36 1.04 0.00	21.29 1.03 0.00	22.94 1.03 0.00	30.75 1.35 0.00	35.00 2.07 0.00	33.72 1.94 0.00	31.89 1.95 0.00	32.57 1.76 0.00	32.56 1.79 0.00	31.79 1.86 0.00	31.34 1.75 0.00	31.86 1.86 0.00	33.05 1.90 0.00	41.97 2.86 0.00	50.17 3.80 0.00	45.02 2.95 0.00	41.22 2.70 0.00	33.44 1.74 0.00	32.75 1.77 0.00	32.28 1.77 0.00	29.22 1.78 -0.01
ASTORIA___5 23518	23.12 1.29 0.00	21.41 1.12 0.00	20.58 1.11 0.00	20.36 1.04 0.00	21.29 1.03 0.00	22.88 0.96 0.00	30.72 1.32 0.00	35.00 2.08 0.00	33.72 1.94 0.00	31.88 1.94 0.00	32.57 1.76 0.00	32.56 1.78 0.00	31.73 1.80 0.00	31.34 1.75 0.00	31.86 1.86 0.00	32.96 1.81 0.00	41.96 2.85 0.00	50.17 3.80 0.00	45.02 2.94 0.00	41.22 2.70 0.00	33.66 1.97 0.00	32.54 1.55 0.00	32.52 2.01 0.00	29.28 1.84 -0.01
AST_ENERGY_2_CC3 323677	22.99 1.16 0.00	21.32 1.03 0.00	20.48 1.01 0.00	20.26 0.95 0.00	21.20 0.95 0.00	22.79 0.88 0.00	30.72 1.32 0.00	35.03 2.11 0.00	33.69 1.91 0.00	31.86 1.92 0.00	32.54 1.72 0.00	32.53 1.75 0.00	31.70 1.77 0.00	31.31 1.72 0.00	31.83 1.83 0.00	32.96 1.81 0.00	41.96 2.85 0.00	50.17 3.80 0.00	44.98 2.90 0.00	41.26 2.74 0.00	33.70 2.00 0.00	32.57 1.58 0.00	32.37 1.86 0.00	29.08 1.65 0.00
AST_ENERGY_2_CC4 323678	22.99 1.16 0.00	21.32 1.03 0.00	20.48 1.01 0.00	20.26 0.95 0.00	21.20 0.95 0.00	22.79 0.88 0.00	30.72 1.32 0.00	35.03 2.11 0.00	33.69 1.91 0.00	31.86 1.92 0.00	32.54 1.72 0.00	32.53 1.75 0.00	31.70 1.77 0.00	31.31 1.72 0.00	31.83 1.83 0.00	32.96 1.81 0.00	41.96 2.85 0.00	50.17 3.80 0.00	44.98 2.90 0.00	41.26 2.74 0.00	33.70 2.00 0.00	32.57 1.58 0.00	32.37 1.86 0.00	29.08 1.65 0.00

ATHENS_STG_1 23668	22.42 0.59 0.00	20.84 0.55 0.00	20.00 0.53 0.00	19.82 0.50 0.00	20.78 0.53 0.00	22.44 0.53 0.00	30.13 0.74 0.00	34.04 1.12 0.00	32.83 1.05 0.00	30.93 0.99 0.00	31.73 0.92 0.00	31.73 0.96 0.00	30.86 0.93 0.00	30.51 0.92 0.00	30.99 0.99 0.00	32.18 1.03 0.00	40.75 1.64 0.00	48.60 2.23 0.00	43.89 1.81 0.00	40.10 1.58 0.00	32.90 1.20 0.00	31.92 0.93 0.00	31.46 0.95 0.00	28.25 0.82 0.00
ATHENS_STG_2 23670	22.42 0.59 0.00	20.84 0.55 0.00	20.00 0.53 0.00	19.82 0.50 0.00	20.78 0.53 0.00	22.44 0.53 0.00	30.13 0.74 0.00	34.04 1.12 0.00	32.83 1.05 0.00	30.93 0.99 0.00	31.73 0.92 0.00	31.73 0.96 0.00	30.86 0.93 0.00	30.51 0.92 0.00	30.99 0.99 0.00	32.18 1.03 0.00	40.75 1.64 0.00	48.60 2.23 0.00	43.89 1.81 0.00	40.10 1.58 0.00	32.90 1.20 0.00	31.92 0.93 0.00	31.46 0.95 0.00	28.25 0.82 0.00
ATHENS_STG_3 23677	22.42 0.59 0.00	20.84 0.55 0.00	20.00 0.53 0.00	19.82 0.50 0.00	20.78 0.53 0.00	22.44 0.53 0.00	30.13 0.74 0.00	34.04 1.12 0.00	32.83 1.05 0.00	30.93 0.99 0.00	31.73 0.92 0.00	31.73 0.96 0.00	30.86 0.93 0.00	30.51 0.92 0.00	30.99 0.99 0.00	32.18 1.03 0.00	40.75 1.64 0.00	48.60 2.23 0.00	43.89 1.81 0.00	40.10 1.58 0.00	32.90 1.20 0.00	31.92 0.93 0.00	31.46 0.95 0.00	28.25 0.82 0.00
AUBURN___LFGE 323710	21.81 -0.02 0.00	20.21 -0.08 0.00	19.37 -0.10 0.00	19.22 -0.10 0.00	20.17 -0.08 0.00	21.89 -0.02 0.00	29.60 0.21 0.00	33.02 0.10 0.00	32.04 0.25 0.00	30.21 0.27 0.00	31.21 0.40 0.00	31.09 0.31 0.00	30.14 0.21 0.00	29.86 0.27 0.00	30.15 0.15 0.00	31.28 0.12 0.00	39.62 0.51 0.00	47.02 0.65 0.00	42.58 0.50 0.00	38.95 0.42 0.00	31.95 0.25 0.00	30.93 -0.06 0.00	30.48 -0.03 0.00	27.40 -0.03 0.00
BABYLON_RES_REC 323704	25.22 1.88 -1.51	23.61 1.72 -1.60	23.57 1.69 -2.41	23.83 1.64 -2.88	25.01 1.66 -3.10	27.27 1.69 -3.67	37.67 2.38 -5.89	41.30 3.16 -5.21	38.95 2.99 -4.18	32.79 2.85 0.00	33.46 2.65 0.00	33.55 2.77 0.00	37.59 2.72 -4.93	37.60 2.69 -5.31	39.03 2.79 -6.24	40.66 2.80 -6.70	51.33 4.14 -8.07	66.48 5.38 -14.74	57.05 4.34 -10.64	53.20 3.97 -10.71	44.20 3.01 -9.49	41.44 2.54 -7.91	37.30 2.78 -4.01	32.45 2.50 -2.52
BABYLON__69_KV_BK2 356345	25.48 2.14 -1.51	23.83 1.95 -1.59	23.77 1.89 -2.41	24.03 1.84 -2.88	25.26 1.90 -3.10	27.62 2.04 -3.67	38.08 2.79 -5.89	41.76 3.62 -5.21	39.36 3.40 -4.18	33.14 3.20 0.00	33.80 2.99 0.00	33.92 3.14 0.00	38.04 3.17 -4.93	37.98 3.08 -5.31	39.45 3.21 -6.24	41.22 3.36 -6.70	51.96 4.77 -8.07	67.23 6.12 -14.74	57.72 5.01 -10.64	53.82 4.58 -10.71	44.58 3.39 -9.49	42.12 3.22 -7.91	37.61 3.08 -4.01	32.77 2.83 -2.52
BALL_HILL_WT_PWR 323825	20.94 -0.90 0.00	19.32 -0.97 0.00	18.50 -0.97 0.00	18.35 -0.97 0.00	19.22 -1.03 0.00	21.17 -0.75 0.00	28.75 -0.65 0.00	31.48 -1.45 0.00	31.02 -0.76 0.00	29.19 -0.75 0.00	30.13 -0.68 0.00	30.04 -0.74 0.00	29.25 -0.69 0.00	28.91 -0.68 0.00	29.10 -0.90 0.00	30.03 -1.12 0.00	38.41 -0.70 0.00	44.79 -1.58 0.00	40.52 -1.56 0.00	37.25 -1.27 0.00	31.09 -0.60 0.00	29.87 -1.11 0.00	29.20 -1.31 0.00	26.61 -0.82 0.00
BARON_WINDS___WT_PWR 323822	21.33 -0.50 0.00	19.68 -0.61 0.00	18.81 -0.66 0.00	18.64 -0.68 0.00	19.56 -0.69 0.00	21.39 -0.53 0.00	29.02 -0.38 0.00	32.07 -0.86 0.00	31.40 -0.38 0.00	29.52 -0.42 0.00	30.50 -0.31 0.00	30.38 -0.40 0.00	29.54 -0.39 0.00	29.21 -0.39 0.00	29.52 -0.48 0.00	30.59 -0.56 0.00	38.99 -0.12 0.00	46.00 -0.37 0.00	41.66 -0.42 0.00	38.29 -0.23 0.00	31.79 0.10 0.00	30.62 -0.37 0.00	30.02 -0.49 0.00	27.18 -0.25 0.00
BARRETT_IC_1 23704	24.80 1.46 -1.51	23.12 1.32 -1.51	23.08 1.28 -2.32	23.32 1.22 -2.79	24.52 1.26 -3.01	26.85 1.27 -3.67	37.11 1.82 -5.89	40.77 2.63 -5.21	38.41 2.45 -4.18	32.28 2.34 0.00	32.97 2.16 0.00	33.00 2.22 0.00	37.08 2.22 -4.93	37.06 2.16 -5.31	38.52 2.28 -6.24	40.16 2.31 -6.70	50.66 3.48 -8.07	65.65 4.55 -14.74	56.37 3.66 -10.64	52.63 3.39 -10.71	43.76 2.57 -9.49	41.03 2.14 -7.91	36.78 2.26 -4.01	31.95 2.00 -2.52
BARRETT_IC_10 23701	24.80 1.46 -1.51	23.12 1.32 -1.51	23.08 1.28 -2.32	23.32 1.22 -2.79	24.52 1.26 -3.01	26.85 1.27 -3.67	37.11 1.82 -5.89	40.77 2.63 -5.21	38.41 2.45 -4.18	32.28 2.34 0.00	32.97 2.16 0.00	33.00 2.22 0.00	37.08 2.22 -4.93	37.06 2.16 -5.31	38.52 2.28 -6.24	40.16 2.31 -6.70	50.66 3.48 -8.07	65.65 4.55 -14.74	56.37 3.66 -10.64	52.63 3.39 -10.71	43.76 2.57 -9.49	41.03 2.14 -7.91	36.78 2.26 -4.01	31.95 2.00 -2.52
BARRETT_IC_11 23702	24.80 1.46 -1.51	23.12 1.32 -1.51	23.08 1.28 -2.32	23.32 1.22 -2.79	24.52 1.26 -3.01	26.85 1.27 -3.67	37.11 1.82 -5.89	40.77 2.63 -5.21	38.41 2.45 -4.18	32.28 2.34 0.00	32.97 2.16 0.00	33.00 2.22 0.00	37.08 2.22 -4.93	37.06 2.16 -5.31	38.52 2.28 -6.24	40.16 2.31 -6.70	50.66 3.48 -8.07	65.65 4.55 -14.74	56.37 3.66 -10.64	52.63 3.39 -10.71	43.76 2.57 -9.49	41.03 2.14 -7.91	36.78 2.26 -4.01	31.95 2.00 -2.52
BARRETT_IC_12 23703	24.80 1.46 -1.51	23.12 1.32 -1.51	23.08 1.28 -2.32	23.32 1.22 -2.79	24.52 1.26 -3.01	26.85 1.27 -3.67	37.11 1.82 -5.89	40.77 2.63 -5.21	38.41 2.45 -4.18	32.28 2.34 0.00	32.97 2.16 0.00	33.00 2.22 0.00	37.08 2.22 -4.93	37.06 2.16 -5.31	38.52 2.28 -6.24	40.16 2.31 -6.70	50.66 3.48 -8.07	65.65 4.55 -14.74	56.37 3.66 -10.64	52.63 3.39 -10.71	43.76 2.57 -9.49	41.03 2.14 -7.91	36.78 2.26 -4.01	31.95 2.00 -2.52
BARRETT_IC_2 23705	24.80 1.46 -1.51	23.12 1.32 -1.51	23.08 1.28 -2.32	23.32 1.22 -2.79	24.52 1.26 -3.01	26.85 1.27 -3.67	37.11 1.82 -5.89	40.77 2.63 -5.21	38.41 2.45 -4.18	32.28 2.34 0.00	32.97 2.16 0.00	33.00 2.22 0.00	37.08 2.22 -4.93	37.06 2.16 -5.31	38.52 2.28 -6.24	40.16 2.31 -6.70	50.66 3.48 -8.07	65.65 4.55 -14.74	56.37 3.66 -10.64	52.63 3.39 -10.71	43.76 2.57 -9.49	41.03 2.14 -7.91	36.78 2.26 -4.01	31.95 2.00 -2.52
BARRETT_IC_3 23706	24.80 1.46 -1.51	23.12 1.32 -1.51	23.08 1.28 -2.32	23.32 1.22 -2.79	24.52 1.26 -3.01	26.85 1.27 -3.67	37.11 1.82 -5.89	40.77 2.63 -5.21	38.41 2.45 -4.18	32.28 2.34 0.00	32.97 2.16 0.00	33.00 2.22 0.00	37.08 2.22 -4.93	37.06 2.16 -5.31	38.52 2.28 -6.24	40.16 2.31 -6.70	50.66 3.48 -8.07	65.65 4.55 -14.74	56.37 3.66 -10.64	52.63 3.39 -10.71	43.76 2.57 -9.49	41.03 2.14 -7.91	36.78 2.26 -4.01	31.95 2.00 -2.52
BARRETT_IC_4 23707	24.80 1.46 -1.51	23.12 1.32 -1.51	23.08 1.28 -2.32	23.32 1.22 -2.79	24.52 1.26 -3.01	26.85 1.27 -3.67	37.11 1.82 -5.89	40.77 2.63 -5.21	38.41 2.45 -4.18	32.28 2.34 0.00	32.97 2.16 0.00	33.00 2.22 0.00	37.08 2.22 -4.93	37.06 2.16 -5.31	38.52 2.28 -6.24	40.16 2.31 -6.70	50.66 3.48 -8.07	65.65 4.55 -14.74	56.37 3.66 -10.64	52.63 3.39 -10.71	43.76 2.57 -9.49	41.03 2.14 -7.91	36.78 2.26 -4.01	31.95 2.00 -2.52

BARRETT_IC_5 23708	24.80 1.46 -1.51	23.12 1.32 -1.51	23.08 1.28 -2.32	23.32 1.22 -2.79	24.52 1.26 -3.01	26.85 1.27 -3.67	37.11 1.82 -5.89	40.77 2.63 -5.21	38.41 2.45 -4.18	32.28 2.34 0.00	32.97 2.16 0.00	33.00 2.22 0.00	37.08 2.22 -4.93	37.06 2.16 -5.31	38.52 2.28 -6.24	40.16 2.31 -6.70	50.66 3.48 -8.07	65.65 4.55 -14.74	56.37 3.66 -10.64	52.63 3.39 -10.71	43.76 2.57 -9.49	41.03 2.14 -7.91	36.78 2.26 -4.01	31.95 2.00 -2.52
BARRETT_IC_6 23709	24.80 1.46 -1.51	23.12 1.32 -1.51	23.08 1.28 -2.32	23.32 1.22 -2.79	24.52 1.26 -3.01	26.85 1.27 -3.67	37.11 1.82 -5.89	40.77 2.63 -5.21	38.41 2.45 -4.18	32.28 2.34 0.00	32.97 2.16 0.00	33.00 2.22 0.00	37.08 2.22 -4.93	37.06 2.16 -5.31	38.52 2.28 -6.24	40.16 2.31 -6.70	50.66 3.48 -8.07	65.65 4.55 -14.74	56.37 3.66 -10.64	52.63 3.39 -10.71	43.76 2.57 -9.49	41.03 2.14 -7.91	36.78 2.26 -4.01	31.95 2.00 -2.52
BARRETT_IC_7 23710	24.80 1.46 -1.51	23.12 1.32 -1.51	23.08 1.28 -2.32	23.32 1.22 -2.79	24.52 1.26 -3.01	26.92 1.34 -3.67	37.14 1.85 -5.89	40.77 2.63 -5.21	38.41 2.45 -4.18	32.28 2.34 0.00	32.97 2.16 0.00	33.00 2.22 0.00	37.14 2.27 -4.93	37.06 2.16 -5.31	38.52 2.28 -6.24	40.25 2.40 -6.70	50.67 3.48 -8.07	65.65 4.54 -14.74	56.42 3.70 -10.64	52.63 3.39 -10.71	43.53 2.35 -9.49	41.19 2.29 -7.91	36.69 2.17 -4.01	31.92 1.98 -2.52
BARRETT_IC_8 23711	24.80 1.46 -1.51	23.12 1.32 -1.51	23.08 1.28 -2.32	23.32 1.22 -2.79	24.52 1.26 -3.01	26.85 1.27 -3.67	37.11 1.82 -5.89	40.77 2.63 -5.21	38.41 2.45 -4.18	32.28 2.34 0.00	32.97 2.16 0.00	33.00 2.22 0.00	37.08 2.22 -4.93	37.06 2.16 -5.31	38.52 2.28 -6.24	40.16 2.31 -6.70	50.66 3.48 -8.07	65.65 4.55 -14.74	56.37 3.66 -10.64	52.63 3.39 -10.71	43.76 2.57 -9.49	41.03 2.14 -7.91	36.78 2.26 -4.01	31.95 2.00 -2.52
BARRETT_IC_9 23700	24.80 1.46 -1.51	23.12 1.32 -1.51	23.08 1.28 -2.32	23.32 1.22 -2.79	24.52 1.26 -3.01	26.85 1.27 -3.67	37.11 1.82 -5.89	40.77 2.63 -5.21	38.41 2.45 -4.18	32.28 2.34 0.00	32.97 2.16 0.00	33.00 2.22 0.00	37.08 2.22 -4.93	37.06 2.16 -5.31	38.52 2.28 -6.24	40.16 2.31 -6.70	50.66 3.48 -8.07	65.65 4.55 -14.74	56.37 3.66 -10.64	52.63 3.39 -10.71	43.76 2.57 -9.49	41.03 2.14 -7.91	36.78 2.26 -4.01	31.95 2.00 -2.52
BARRETT___1 23545	24.80 1.46 -1.51	23.12 1.32 -1.51	23.08 1.28 -2.32	23.32 1.22 -2.79	24.52 1.26 -3.01	26.85 1.27 -3.67	37.11 1.82 -5.89	40.77 2.63 -5.21	38.41 2.45 -4.18	32.28 2.34 0.00	32.97 2.16 0.00	33.00 2.22 0.00	37.08 2.22 -4.93	37.06 2.16 -5.31	38.52 2.28 -6.24	40.16 2.31 -6.70	50.66 3.48 -8.07	65.65 4.55 -14.74	56.37 3.66 -10.64	52.63 3.39 -10.71	43.76 2.57 -9.49	41.03 2.14 -7.91	36.78 2.26 -4.01	31.95 2.00 -2.52
BARRETT___2 23546	24.80 1.46 -1.51	23.12 1.32 -1.51	23.08 1.28 -2.32	23.32 1.22 -2.79	24.52 1.26 -3.01	26.85 1.27 -3.67	37.11 1.82 -5.89	40.77 2.63 -5.21	38.41 2.45 -4.18	32.28 2.34 0.00	32.97 2.16 0.00	33.00 2.22 0.00	37.08 2.22 -4.93	37.06 2.16 -5.31	38.52 2.28 -6.24	40.16 2.31 -6.70	50.66 3.48 -8.07	65.65 4.55 -14.74	56.37 3.66 -10.64	52.63 3.39 -10.71	43.76 2.57 -9.49	41.03 2.14 -7.91	36.78 2.26 -4.01	31.95 2.00 -2.52
BATAVIA__115KV_TB1 55881	21.15 -0.68 0.00	19.50 -0.79 0.00	18.67 -0.80 0.00	18.51 -0.81 0.00	19.44 -0.81 0.00	21.10 -0.81 0.00	28.96 -0.44 0.00	31.81 -1.12 0.00	31.37 -0.41 0.00	29.55 -0.39 0.00	30.53 -0.28 0.00	30.41 -0.37 0.00	29.46 -0.48 0.00	29.24 -0.36 0.00	29.43 -0.57 0.00	30.22 -0.93 0.00	38.88 -0.23 0.00	45.21 -1.16 0.00	41.03 -1.05 0.00	37.71 -0.81 0.00	31.06 -0.63 0.00	29.44 -1.55 0.00	29.47 -1.04 0.00	26.77 -0.66 0.00
BAYONEEC___CTG1 323682	22.99 1.16 0.00	21.30 1.01 0.00	20.48 1.01 0.00	20.26 0.95 0.00	21.20 0.95 0.00	22.81 0.90 0.00	30.75 1.35 0.00	35.13 2.21 0.00	33.75 1.97 0.00	31.92 1.98 0.00	32.60 1.79 0.00	32.60 1.82 0.00	31.73 1.80 0.00	31.34 1.75 0.00	31.89 1.89 0.00	33.02 1.87 0.00	42.05 2.93 0.00	50.27 3.90 0.00	45.07 2.99 0.00	41.33 2.81 0.00	33.73 2.03 0.00	32.63 1.64 0.00	32.37 1.86 0.00	29.08 1.65 0.00
BAYONEEC___CTG10 323750	22.99 1.16 0.00	21.30 1.01 0.00	20.48 1.01 0.00	20.26 0.95 0.00	21.20 0.95 0.00	22.81 0.90 0.00	30.75 1.35 0.00	35.13 2.21 0.00	33.75 1.97 0.00	31.92 1.98 0.00	32.60 1.79 0.00	32.60 1.82 0.00	31.73 1.80 0.00	31.34 1.75 0.00	31.89 1.89 0.00	33.02 1.87 0.00	42.05 2.93 0.00	50.27 3.90 0.00	45.07 2.99 0.00	41.33 2.81 0.00	33.73 2.03 0.00	32.63 1.64 0.00	32.37 1.86 0.00	29.08 1.65 0.00
BAYONEEC___CTG2 323683	22.99 1.16 0.00	21.30 1.01 0.00	20.48 1.01 0.00	20.26 0.95 0.00	21.20 0.95 0.00	22.81 0.90 0.00	30.75 1.35 0.00	35.13 2.21 0.00	33.75 1.97 0.00	31.92 1.98 0.00	32.60 1.79 0.00	32.60 1.82 0.00	31.73 1.80 0.00	31.34 1.75 0.00	31.89 1.89 0.00	33.02 1.87 0.00	42.05 2.93 0.00	50.27 3.90 0.00	45.07 2.99 0.00	41.33 2.81 0.00	33.73 2.03 0.00	32.63 1.64 0.00	32.37 1.86 0.00	29.08 1.65 0.00
BAYONEEC___CTG3 323684	22.99 1.16 0.00	21.30 1.01 0.00	20.48 1.01 0.00	20.26 0.95 0.00	21.20 0.95 0.00	22.81 0.90 0.00	30.75 1.35 0.00	35.13 2.21 0.00	33.75 1.97 0.00	31.92 1.98 0.00	32.60 1.79 0.00	32.60 1.82 0.00	31.73 1.80 0.00	31.34 1.75 0.00	31.89 1.89 0.00	33.02 1.87 0.00	42.05 2.93 0.00	50.27 3.90 0.00	45.07 2.99 0.00	41.33 2.81 0.00	33.73 2.03 0.00	32.63 1.64 0.00	32.37 1.86 0.00	29.08 1.65 0.00
BAYONEEC___CTG4 323685	22.99 1.16 0.00	21.30 1.01 0.00	20.48 1.01 0.00	20.26 0.95 0.00	21.20 0.95 0.00	22.81 0.90 0.00	30.75 1.35 0.00	35.13 2.21 0.00	33.75 1.97 0.00	31.92 1.98 0.00	32.60 1.79 0.00	32.60 1.82 0.00	31.73 1.80 0.00	31.34 1.75 0.00	31.89 1.89 0.00	33.02 1.87 0.00	42.05 2.93 0.00	50.27 3.90 0.00	45.07 2.99 0.00	41.33 2.81 0.00	33.73 2.03 0.00	32.63 1.64 0.00	32.37 1.86 0.00	29.08 1.65 0.00
BAYONEEC___CTG5 323686	22.99 1.16 0.00	21.30 1.01 0.00	20.48 1.01 0.00	20.26 0.95 0.00	21.20 0.95 0.00	22.81 0.90 0.00	30.75 1.35 0.00	35.13 2.21 0.00	33.75 1.97 0.00	31.92 1.98 0.00	32.60 1.79 0.00	32.60 1.82 0.00	31.73 1.80 0.00	31.34 1.75 0.00	31.89 1.89 0.00	33.02 1.87 0.00	42.05 2.93 0.00	50.27 3.90 0.00	45.07 2.99 0.00	41.33 2.81 0.00	33.73 2.03 0.00	32.63 1.64 0.00	32.37 1.86 0.00	29.08 1.65 0.00
BAYONEEC___CTG6 323687	22.99 1.16 0.00	21.30 1.01 0.00	20.48 1.01 0.00	20.26 0.95 0.00	21.20 0.95 0.00	22.81 0.90 0.00	30.75 1.35 0.00	35.13 2.21 0.00	33.75 1.97 0.00	31.92 1.98 0.00	32.60 1.79 0.00	32.60 1.82 0.00	31.73 1.80 0.00	31.34 1.75 0.00	31.89 1.89 0.00	33.02 1.87 0.00	42.05 2.93 0.00	50.27 3.90 0.00	45.07 2.99 0.00	41.33 2.81 0.00	33.73 2.03 0.00	32.63 1.64 0.00	32.37 1.86 0.00	29.08 1.65 0.00

BAYONEEC___CTG7 323688	22.99 1.16 0.00	21.30 1.01 0.00	20.48 1.01 0.00	20.26 0.95 0.00	21.20 0.95 0.00	22.81 0.90 0.00	30.75 1.35 0.00	35.13 2.21 0.00	33.75 1.97 0.00	31.92 1.98 0.00	32.60 1.79 0.00	32.60 1.82 0.00	31.73 1.80 0.00	31.34 1.75 0.00	31.89 1.89 0.00	33.02 1.87 0.00	42.05 2.93 0.00	50.27 3.90 0.00	45.07 2.99 0.00	41.33 2.81 0.00	33.73 2.03 0.00	32.63 1.64 0.00	32.37 1.86 0.00	29.08 1.65 0.00
BAYONEEC___CTG8 323689	22.99 1.16 0.00	21.30 1.01 0.00	20.48 1.01 0.00	20.26 0.95 0.00	21.20 0.95 0.00	22.81 0.90 0.00	30.75 1.35 0.00	35.13 2.21 0.00	33.75 1.97 0.00	31.92 1.98 0.00	32.60 1.79 0.00	32.60 1.82 0.00	31.73 1.80 0.00	31.34 1.75 0.00	31.89 1.89 0.00	33.02 1.87 0.00	42.05 2.93 0.00	50.27 3.90 0.00	45.07 2.99 0.00	41.33 2.81 0.00	33.73 2.03 0.00	32.63 1.64 0.00	32.37 1.86 0.00	29.08 1.65 0.00
BAYONEEC___CTG9 323749	22.99 1.16 0.00	21.30 1.01 0.00	20.48 1.01 0.00	20.26 0.95 0.00	21.20 0.95 0.00	22.81 0.90 0.00	30.75 1.35 0.00	35.13 2.21 0.00	33.75 1.97 0.00	31.92 1.98 0.00	32.60 1.79 0.00	32.60 1.82 0.00	31.73 1.80 0.00	31.34 1.75 0.00	31.89 1.89 0.00	33.02 1.87 0.00	42.05 2.93 0.00	50.27 3.90 0.00	45.07 2.99 0.00	41.33 2.81 0.00	33.73 2.03 0.00	32.63 1.64 0.00	32.37 1.86 0.00	29.08 1.65 0.00
BEACON___LESR 323632	22.35 0.52 0.00	20.82 0.53 0.00	20.00 0.53 0.00	19.84 0.52 0.00	20.82 0.57 0.00	22.46 0.55 0.00	30.13 0.74 0.00	34.01 1.08 0.00	32.90 1.11 0.00	30.93 0.99 0.00	31.80 0.99 0.00	31.83 1.05 0.00	30.92 0.99 0.00	30.60 1.01 0.00	31.02 1.02 0.00	32.30 1.15 0.00	40.83 1.72 0.00	48.73 2.36 0.00	44.06 1.98 0.00	40.14 1.62 0.00	32.97 1.27 0.00	32.04 1.05 0.00	31.46 0.95 0.00	28.25 0.82 0.00
BEAVER RIVER___HYD 24048	21.29 -0.54 0.00	19.80 -0.49 0.00	18.96 -0.51 0.00	18.85 -0.46 0.00	19.79 -0.47 0.00	21.50 -0.42 0.00	28.81 -0.59 0.00	32.23 -0.69 0.00	31.02 -0.76 0.00	29.28 -0.66 0.00	30.16 -0.65 0.00	30.13 -0.65 0.00	29.25 -0.69 0.00	29.06 -0.53 0.00	29.64 -0.36 0.00	30.93 -0.22 0.00	39.19 0.08 0.00	46.60 0.23 0.00	42.33 0.25 0.00	38.76 0.23 0.00	31.82 0.13 0.00	30.99 0.00 0.00	30.45 -0.06 0.00	27.24 -0.19 0.00
BEEBEE_GT_13 23619	21.20 -0.63 0.00	19.58 -0.71 0.00	18.75 -0.72 0.00	18.60 -0.71 0.00	19.52 -0.73 0.00	21.21 -0.70 0.00	28.87 -0.53 0.00	31.90 -1.02 0.00	31.27 -0.51 0.00	29.46 -0.48 0.00	30.44 -0.37 0.00	30.38 -0.40 0.00	29.43 -0.51 0.00	29.15 -0.44 0.00	29.40 -0.60 0.00	30.31 -0.84 0.00	38.72 -0.39 0.00	45.30 -1.07 0.00	41.11 -0.97 0.00	37.71 -0.81 0.00	31.03 -0.67 0.00	29.69 -1.30 0.00	29.57 -0.95 0.00	26.72 -0.71 0.00
BENSHRST_27_KV_BENSHRST_1 355998	23.45 1.62 0.00	21.71 1.42 0.00	20.87 1.40 0.00	20.65 1.33 0.00	21.59 1.34 0.00	23.12 1.21 0.00	30.87 1.47 0.00	35.06 2.14 0.00	33.79 2.00 0.00	31.98 2.04 0.00	32.63 1.82 0.00	32.63 1.85 0.00	31.85 1.92 0.00	31.43 1.83 0.00	31.95 1.95 0.00	33.11 1.96 0.00	42.24 3.13 0.00	50.64 4.27 0.00	45.45 3.37 0.00	41.57 3.04 0.00	33.57 1.87 0.00	32.82 1.83 0.00	32.56 2.04 0.00	29.47 2.03 -0.01
BETHLEHEM___GRP 23843	21.94 0.11 0.00	20.47 0.18 0.00	19.66 0.19 0.00	19.51 0.19 0.00	20.46 0.20 0.00	22.07 0.15 0.00	29.52 0.12 0.00	33.25 0.33 0.00	32.10 0.32 0.00	30.21 0.27 0.00	31.03 0.22 0.00	31.06 0.28 0.00	30.23 0.30 0.00	29.89 0.30 0.00	30.30 0.30 0.00	31.59 0.44 0.00	39.81 0.70 0.00	47.53 1.16 0.00	42.96 0.88 0.00	39.22 0.69 0.00	32.05 0.35 0.00	31.39 0.40 0.00	30.76 0.24 0.00	27.62 0.19 0.00
BETHLEHEM___GS1 323560	21.94 0.11 0.00	20.47 0.18 0.00	19.66 0.19 0.00	19.51 0.19 0.00	20.46 0.20 0.00	22.02 0.11 0.00	29.49 0.09 0.00	33.25 0.33 0.00	32.10 0.32 0.00	30.21 0.27 0.00	31.03 0.22 0.00	31.06 0.28 0.00	30.20 0.27 0.00	29.89 0.30 0.00	30.30 0.30 0.00	31.55 0.40 0.00	39.82 0.70 0.00	47.53 1.16 0.00	42.96 0.89 0.00	39.22 0.69 0.00	32.17 0.48 0.00	31.30 0.31 0.00	30.78 0.27 0.00	27.65 0.22 0.00
BETHLEHEM___GS2 323561	21.94 0.11 0.00	20.47 0.18 0.00	19.66 0.19 0.00	19.51 0.19 0.00	20.46 0.20 0.00	22.02 0.11 0.00	29.49 0.09 0.00	33.25 0.33 0.00	32.10 0.32 0.00	30.21 0.27 0.00	31.03 0.22 0.00	31.06 0.28 0.00	30.20 0.27 0.00	29.89 0.30 0.00	30.30 0.30 0.00	31.55 0.40 0.00	39.82 0.70 0.00	47.53 1.16 0.00	42.96 0.89 0.00	39.22 0.69 0.00	32.17 0.48 0.00	31.30 0.31 0.00	30.78 0.27 0.00	27.65 0.22 0.00
BETHLEHEM___GS3 323562	21.94 0.11 0.00	20.47 0.18 0.00	19.66 0.19 0.00	19.51 0.19 0.00	20.46 0.20 0.00	22.02 0.11 0.00	29.49 0.09 0.00	33.25 0.33 0.00	32.10 0.32 0.00	30.21 0.27 0.00	31.03 0.22 0.00	31.06 0.28 0.00	30.20 0.27 0.00	29.89 0.30 0.00	30.30 0.30 0.00	31.55 0.40 0.00	39.82 0.70 0.00	47.53 1.16 0.00	42.96 0.89 0.00	39.22 0.69 0.00	32.17 0.48 0.00	31.30 0.31 0.00	30.78 0.27 0.00	27.65 0.22 0.00
BETHLEHEM___STEEL 23779	20.91 -0.92 0.00	19.30 -0.99 0.00	18.48 -0.99 0.00	18.29 -1.02 0.00	19.20 -1.05 0.00	20.82 -1.10 0.00	28.58 -0.82 0.00	31.34 -1.58 0.00	30.96 -0.83 0.00	29.10 -0.84 0.00	30.07 -0.74 0.00	29.95 -0.83 0.00	29.04 -0.90 0.00	28.85 -0.74 0.00	29.04 -0.96 0.00	29.69 -1.46 0.00	38.25 -0.86 0.00	44.56 -1.81 0.00	40.35 -1.73 0.00	37.06 -1.46 0.00	30.65 -1.05 0.00	29.13 -1.86 0.00	29.23 -1.28 0.00	26.61 -0.82 0.00
BETHLHEM_115KV_TB1 79974	22.01 0.17 0.00	20.51 0.22 0.00	19.70 0.23 0.00	19.55 0.23 0.00	20.50 0.24 0.00	22.11 0.20 0.00	29.60 0.21 0.00	33.35 0.43 0.00	32.16 0.38 0.00	30.30 0.36 0.00	31.12 0.31 0.00	31.15 0.37 0.00	30.29 0.36 0.00	29.98 0.38 0.00	30.39 0.39 0.00	31.65 0.50 0.00	39.93 0.82 0.00	47.67 1.30 0.00	43.09 1.01 0.00	39.29 0.77 0.00	32.11 0.41 0.00	31.45 0.46 0.00	30.85 0.34 0.00	27.71 0.27 0.00
BETHPAGE_CC_5 323564	25.11 1.77 -1.51	23.50 1.62 -1.58	23.47 1.60 -2.40	23.73 1.55 -2.87	24.90 1.56 -3.09	27.12 1.53 -3.67	37.46 2.18 -5.89	41.10 2.96 -5.21	38.76 2.80 -4.18	32.64 2.70 0.00	33.31 2.49 0.00	33.37 2.59 0.00	37.44 2.57 -4.93	37.33 2.43 -5.31	38.76 2.52 -6.24	40.37 2.52 -6.70	50.90 3.72 -8.07	65.93 4.82 -14.74	56.58 3.87 -10.64	52.78 3.54 -10.71	43.88 2.69 -9.49	41.19 2.29 -7.91	37.12 2.59 -4.01	32.25 2.30 -2.52
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	20.98 -0.85 0.00	19.36 -0.93 0.00	18.53 -0.93 0.00	18.37 -0.95 0.00	19.28 -0.97 0.00	20.91 -1.01 0.00	28.69 -0.71 0.00	31.48 -1.45 0.00	31.08 -0.70 0.00	29.22 -0.72 0.00	30.19 -0.62 0.00	30.07 -0.71 0.00	29.16 -0.78 0.00	28.97 -0.62 0.00	29.16 -0.84 0.00	29.81 -1.34 0.00	38.45 -0.66 0.00	44.79 -1.58 0.00	40.56 -1.51 0.00	37.29 -1.23 0.00	30.81 -0.89 0.00	29.31 -1.67 0.00	29.38 -1.13 0.00	26.72 -0.71 0.00

BINGHAMTON___COGEN 23790	21.92 0.09 0.00	20.33 0.04 0.00	19.49 0.02 0.00	19.32 0.00 0.00	20.25 0.00 0.00	21.96 0.04 0.00	29.69 0.29 0.00	33.29 0.36 0.00	32.26 0.48 0.00	30.36 0.42 0.00	31.27 0.46 0.00	31.18 0.40 0.00	30.29 0.36 0.00	29.98 0.38 0.00	30.36 0.36 0.00	31.46 0.31 0.00	39.97 0.86 0.00	47.39 1.02 0.00	42.84 0.76 0.00	39.25 0.73 0.00	32.17 0.48 0.00	31.24 0.25 0.00	30.79 0.27 0.00	27.73 0.30 0.00
BIXINCNT_115KV_LOAD 355685	20.85 -0.98 0.00	19.21 -1.08 0.00	18.36 -1.11 0.00	18.20 -1.12 0.00	19.18 -1.07 0.00	20.71 -1.21 0.00	28.55 -0.85 0.00	31.25 -1.68 0.00	30.86 -0.92 0.00	28.95 -0.99 0.00	29.86 -0.96 0.00	29.86 -0.92 0.00	29.07 -0.87 0.00	28.91 -0.68 0.00	29.28 -0.72 0.00	30.03 -1.12 0.00	38.88 -0.23 0.00	45.54 -0.83 0.00	41.28 -0.80 0.00	37.98 -0.54 0.00	31.35 -0.35 0.00	29.93 -1.05 0.00	29.90 -0.61 0.00	27.13 -0.30 0.00
BLACK RIVER___HYD 24047	21.44 -0.39 0.00	19.94 -0.35 0.00	19.06 -0.41 0.00	18.95 -0.37 0.00	19.91 -0.34 0.00	21.69 -0.22 0.00	29.10 -0.29 0.00	32.53 -0.39 0.00	31.31 -0.48 0.00	29.52 -0.42 0.00	30.44 -0.37 0.00	30.35 -0.43 0.00	29.45 -0.48 0.00	29.27 -0.32 0.00	29.85 -0.15 0.00	31.21 0.06 0.00	39.62 0.51 0.00	47.21 0.84 0.00	42.84 0.76 0.00	39.22 0.69 0.00	32.17 0.48 0.00	31.21 0.22 0.00	30.60 0.09 0.00	27.32 -0.11 0.00
BLACKRVR_115KV_TB2 79977	21.44 -0.39 0.00	19.95 -0.34 0.00	19.06 -0.41 0.00	18.95 -0.37 0.00	19.91 -0.34 0.00	21.67 -0.24 0.00	29.10 -0.29 0.00	32.53 -0.40 0.00	31.31 -0.48 0.00	29.52 -0.42 0.00	30.44 -0.37 0.00	30.35 -0.43 0.00	29.46 -0.48 0.00	29.27 -0.33 0.00	29.85 -0.15 0.00	31.18 0.03 0.00	39.62 0.51 0.00	47.21 0.83 0.00	42.84 0.76 0.00	39.22 0.69 0.00	32.14 0.44 0.00	31.14 0.15 0.00	30.63 0.12 0.00	27.38 -0.05 0.00
BLISS_WT_PWR 323608	20.70 -1.14 0.00	19.05 -1.24 0.00	18.20 -1.27 0.00	18.08 -1.24 0.00	19.04 -1.21 0.00	20.84 -1.07 0.00	28.46 -0.94 0.00	31.01 -1.91 0.00	30.61 -1.18 0.00	28.71 -1.23 0.00	29.61 -1.20 0.00	29.67 -1.11 0.00	29.07 -0.87 0.00	28.76 -0.83 0.00	29.19 -0.81 0.00	30.18 -0.97 0.00	38.76 -0.35 0.00	45.49 -0.88 0.00	41.24 -0.84 0.00	37.95 -0.58 0.00	31.67 -0.03 0.00	30.49 -0.50 0.00	29.75 -0.76 0.00	27.05 -0.38 0.00
BLUESTONE___WT_PWR 323821	23.19 1.35 0.00	21.55 1.26 0.00	20.58 1.11 0.00	20.44 1.12 0.00	21.47 1.22 0.00	23.43 1.51 0.00	31.63 2.23 0.00	35.52 2.60 0.00	34.33 2.54 0.00	32.28 2.34 0.00	33.24 2.43 0.00	33.03 2.25 0.00	32.12 2.18 0.00	31.81 2.22 0.00	32.34 2.34 0.00	33.77 2.62 0.00	42.90 3.79 0.00	51.15 4.78 0.00	46.25 4.17 0.00	42.37 3.85 0.00	34.81 3.11 0.00	33.59 2.60 0.00	32.98 2.47 0.00	29.52 2.08 0.00
BLUE_CIRC_CHEM_DRP 24182	22.29 0.46 0.00	20.76 0.47 0.00	19.92 0.45 0.00	19.76 0.44 0.00	20.74 0.49 0.00	22.40 0.48 0.00	29.99 0.59 0.00	33.71 0.79 0.00	32.58 0.79 0.00	30.63 0.69 0.00	31.49 0.68 0.00	31.52 0.74 0.00	30.65 0.72 0.00	30.30 0.71 0.00	30.75 0.75 0.00	32.02 0.87 0.00	40.40 1.29 0.00	48.13 1.76 0.00	43.59 1.51 0.00	39.76 1.23 0.00	32.55 0.86 0.00	31.86 0.87 0.00	31.27 0.76 0.00	28.09 0.66 0.00
BOC_GAS_DRP 24189	22.16 0.33 0.00	20.63 0.34 0.00	19.80 0.33 0.00	19.65 0.33 0.00	20.60 0.34 0.00	22.24 0.33 0.00	29.81 0.41 0.00	33.58 0.66 0.00	32.39 0.60 0.00	30.51 0.57 0.00	31.33 0.52 0.00	31.33 0.55 0.00	30.50 0.57 0.00	30.16 0.56 0.00	30.60 0.60 0.00	31.84 0.69 0.00	40.17 1.06 0.00	47.85 1.48 0.00	43.30 1.22 0.00	39.52 1.00 0.00	32.33 0.63 0.00	31.64 0.65 0.00	31.06 0.55 0.00	27.90 0.47 0.00
BOONVILLE_115KV_TB1 79983	22.01 0.17 0.00	20.45 0.16 0.00	19.59 0.12 0.00	19.45 0.14 0.00	20.43 0.18 0.00	22.20 0.28 0.00	29.81 0.41 0.00	33.42 0.49 0.00	32.26 0.48 0.00	30.42 0.48 0.00	31.33 0.52 0.00	31.24 0.46 0.00	30.38 0.45 0.00	30.10 0.50 0.00	30.66 0.66 0.00	31.96 0.81 0.00	40.48 1.37 0.00	48.09 1.72 0.00	43.59 1.51 0.00	39.87 1.35 0.00	32.68 0.98 0.00	31.82 0.84 0.00	31.30 0.79 0.00	28.03 0.60 0.00
BORALEX_4TH_BRANCH 23824	22.55 0.72 0.00	21.02 0.73 0.00	20.15 0.68 0.00	19.99 0.68 0.00	21.06 0.81 0.00	22.75 0.83 0.00	30.57 1.18 0.00	34.41 1.48 0.00	33.18 1.40 0.00	31.17 1.23 0.00	31.98 1.17 0.00	32.01 1.23 0.00	31.16 1.23 0.00	30.75 1.15 0.00	31.26 1.26 0.00	32.65 1.50 0.00	41.18 2.07 0.00	49.25 2.87 0.00	44.56 2.48 0.00	40.56 2.04 0.00	33.09 1.39 0.00	32.44 1.46 0.00	31.79 1.28 0.00	28.42 0.99 0.00
BOWLINE___1 23526	22.79 0.96 0.00	21.14 0.85 0.00	20.31 0.84 0.00	20.09 0.77 0.00	21.04 0.79 0.00	22.68 0.77 0.00	30.54 1.15 0.00	34.73 1.81 0.00	33.43 1.65 0.00	31.56 1.62 0.00	32.26 1.45 0.00	32.26 1.48 0.00	31.40 1.47 0.00	30.98 1.39 0.00	31.50 1.50 0.00	32.68 1.53 0.00	41.58 2.47 0.00	49.75 3.38 0.00	44.69 2.61 0.00	40.91 2.39 0.00	33.44 1.74 0.00	32.38 1.40 0.00	32.01 1.49 0.00	28.78 1.34 0.00
BOWLINE___2 23595	22.79 0.96 0.00	21.14 0.85 0.00	20.31 0.84 0.00	20.09 0.77 0.00	21.04 0.79 0.00	22.68 0.77 0.00	30.54 1.15 0.00	34.73 1.81 0.00	33.43 1.65 0.00	31.56 1.62 0.00	32.26 1.45 0.00	32.26 1.48 0.00	31.40 1.47 0.00	30.98 1.39 0.00	31.50 1.50 0.00	32.68 1.53 0.00	41.58 2.47 0.00	49.75 3.38 0.00	44.69 2.61 0.00	40.91 2.39 0.00	33.44 1.74 0.00	32.38 1.40 0.00	32.01 1.49 0.00	28.78 1.34 0.00
BRADY___115KV_TB2 356060	21.98 0.15 0.00	20.49 0.20 0.00	19.66 0.19 0.00	19.53 0.21 0.00	20.43 0.18 0.00	22.09 0.18 0.00	29.55 0.15 0.00	32.86 -0.07 0.00	31.69 -0.10 0.00	29.94 0.00 0.00	30.87 0.06 0.00	30.87 0.09 0.00	29.96 0.03 0.00	29.71 0.12 0.00	30.18 0.18 0.00	31.18 0.03 0.00	38.52 -0.59 0.00	45.44 -0.93 0.00	41.53 -0.55 0.00	38.18 -0.35 0.00	31.73 0.03 0.00	31.11 0.12 0.00	30.79 0.27 0.00	27.54 0.11 0.00
BRANSCOMB___SOLAR 323811	22.57 0.74 0.00	20.98 0.69 0.00	20.13 0.66 0.00	19.97 0.66 0.00	21.00 0.75 0.00	22.73 0.81 0.00	30.58 1.18 0.00	34.44 1.52 0.00	33.34 1.56 0.00	31.29 1.35 0.00	32.16 1.35 0.00	32.17 1.39 0.00	31.28 1.35 0.00	30.93 1.33 0.00	31.41 1.41 0.00	32.74 1.59 0.00	41.38 2.27 0.00	49.43 3.06 0.00	44.65 2.57 0.00	40.68 2.16 0.00	33.44 1.74 0.00	32.44 1.46 0.00	31.82 1.31 0.00	28.56 1.13 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	25.43 2.10 -1.51	23.77 1.89 -1.60	23.71 1.83 -2.41	23.93 1.74 -2.88	25.18 1.82 -3.10	27.58 1.99 -3.67	38.02 2.73 -5.89	41.60 3.46 -5.21	39.17 3.21 -4.18	32.96 3.02 0.00	33.65 2.83 0.00	33.83 3.05 0.00	37.92 3.05 -4.93	37.86 2.96 -5.31	39.33 3.09 -6.24	41.06 3.21 -6.70	51.72 4.54 -8.07	66.90 5.80 -14.74	57.43 4.71 -10.64	53.55 4.31 -10.71	44.45 3.26 -9.49	41.99 3.10 -7.91	37.51 2.99 -4.01	32.69 2.74 -2.52

BRISTLHL_115KV_TB1 79998	21.42 -0.41 0.00	19.86 -0.43 0.00	19.04 -0.43 0.00	18.91 -0.41 0.00	19.83 -0.43 0.00	21.48 -0.44 0.00	28.90 -0.50 0.00	32.20 -0.72 0.00	31.15 -0.64 0.00	29.34 -0.60 0.00	30.32 -0.49 0.00	30.23 -0.55 0.00	29.37 -0.57 0.00	29.06 -0.53 0.00	29.37 -0.63 0.00	30.53 -0.62 0.00	38.60 -0.51 0.00	45.81 -0.56 0.00	41.49 -0.59 0.00	37.98 -0.54 0.00	31.13 -0.57 0.00	30.24 -0.74 0.00	29.81 -0.70 0.00	26.86 -0.58 0.00
BROOKHAVEN___DRP 24191	25.32 1.99 -1.51	23.72 1.83 -1.60	23.64 1.75 -2.42	23.92 1.72 -2.89	25.12 1.76 -3.11	27.44 1.86 -3.67	37.61 2.32 -5.89	41.36 3.23 -5.21	38.85 2.89 -4.18	32.66 2.72 0.00	33.34 2.53 0.00	33.33 2.55 0.00	37.50 2.63 -4.93	37.42 2.52 -5.31	38.91 2.67 -6.24	40.59 2.74 -6.70	51.14 3.95 -8.07	66.21 5.10 -14.74	56.80 4.08 -10.64	53.01 3.78 -10.71	43.88 2.69 -9.49	41.47 2.57 -7.91	37.03 2.50 -4.01	32.31 2.36 -2.52
BROOKLYN_NAVY_YARD 23515	22.99 1.16 0.00	21.30 1.01 0.00	20.46 0.99 0.00	20.26 0.95 0.00	21.18 0.93 0.00	22.81 0.90 0.00	30.78 1.38 0.00	35.16 2.24 0.00	33.82 2.04 0.00	31.98 2.04 0.00	32.63 1.82 0.00	32.66 1.88 0.00	31.79 1.86 0.00	31.40 1.81 0.00	31.95 1.95 0.00	33.08 1.93 0.00	42.16 3.05 0.00	50.40 4.03 0.00	45.19 3.11 0.00	41.41 2.89 0.00	33.79 2.09 0.00	32.66 1.67 0.00	32.40 1.89 0.00	29.10 1.67 0.00
BROOKLYN___ARMY_DRP 323595	23.47 1.64 0.00	21.73 1.44 0.00	20.89 1.42 0.00	20.67 1.35 0.00	21.61 1.36 0.00	23.08 1.16 0.00	30.72 1.32 0.00	34.83 1.91 0.00	33.56 1.78 0.00	31.77 1.83 0.00	32.41 1.60 0.00	32.41 1.63 0.00	31.64 1.71 0.00	31.22 1.63 0.00	31.74 1.74 0.00	32.89 1.74 0.00	41.97 2.86 0.00	50.31 3.94 0.00	45.15 3.07 0.00	41.33 2.81 0.00	33.35 1.65 0.00	32.60 1.61 0.00	32.43 1.92 0.00	29.41 1.98 -0.01
BROOKVLE_69_KV_TB1 55790	25.00 1.66 -1.51	23.33 1.50 -1.53	23.30 1.48 -2.35	23.56 1.43 -2.82	24.75 1.46 -3.04	27.12 1.53 -3.67	37.43 2.15 -5.89	41.10 2.96 -5.21	38.76 2.80 -4.18	32.60 2.66 0.00	33.31 2.50 0.00	33.37 2.59 0.00	37.50 2.63 -4.93	37.42 2.52 -5.31	38.85 2.61 -6.24	40.59 2.74 -6.70	51.06 3.87 -8.07	66.16 5.05 -14.74	56.80 4.08 -10.64	52.97 3.74 -10.71	43.82 2.63 -9.49	41.50 2.60 -7.91	36.99 2.47 -4.01	32.17 2.22 -2.52
BROOME_2_LFGE 323671	21.92 0.09 0.00	20.33 0.04 0.00	19.49 0.02 0.00	19.32 0.00 0.00	20.25 0.00 0.00	22.02 0.11 0.00	29.72 0.32 0.00	33.29 0.36 0.00	32.26 0.48 0.00	30.36 0.42 0.00	31.27 0.46 0.00	31.18 0.40 0.00	30.32 0.39 0.00	29.98 0.38 0.00	30.36 0.36 0.00	31.53 0.38 0.00	39.97 0.86 0.00	47.39 1.02 0.00	42.84 0.76 0.00	39.25 0.73 0.00	32.33 0.63 0.00	31.33 0.34 0.00	30.78 0.27 0.00	27.71 0.27 0.00
BROOME___LFGE 323600	21.92 0.09 0.00	20.33 0.04 0.00	19.49 0.02 0.00	19.32 0.00 0.00	20.25 0.00 0.00	22.02 0.11 0.00	29.72 0.32 0.00	33.29 0.36 0.00	32.26 0.48 0.00	30.36 0.42 0.00	31.27 0.46 0.00	31.18 0.40 0.00	30.32 0.39 0.00	29.98 0.38 0.00	30.36 0.36 0.00	31.53 0.38 0.00	39.97 0.86 0.00	47.39 1.02 0.00	42.84 0.76 0.00	39.25 0.73 0.00	32.33 0.63 0.00	31.33 0.34 0.00	30.78 0.27 0.00	27.71 0.27 0.00
BROWNFLS_115KV_TB_3_5 80003	21.24 -0.59 0.00	19.78 -0.51 0.00	18.96 -0.51 0.00	18.85 -0.46 0.00	19.77 -0.49 0.00	21.41 -0.50 0.00	28.60 -0.79 0.00	31.87 -1.05 0.00	30.70 -1.08 0.00	28.98 -0.96 0.00	29.89 -0.92 0.00	29.92 -0.86 0.00	29.04 -0.90 0.00	28.79 -0.80 0.00	29.34 -0.66 0.00	30.50 -0.65 0.00	38.17 -0.94 0.00	45.30 -1.07 0.00	41.24 -0.84 0.00	37.83 -0.69 0.00	31.22 -0.48 0.00	30.46 -0.53 0.00	30.05 -0.46 0.00	26.88 -0.55 0.00
BROWNSV1_27_KV_LOAD 356125	23.21 1.38 0.00	21.49 1.20 0.00	20.66 1.19 0.00	20.44 1.12 0.00	21.37 1.11 0.00	23.10 1.18 0.00	31.07 1.68 0.00	35.46 2.54 0.00	34.14 2.35 0.00	32.25 2.31 0.00	32.94 2.13 0.00	32.93 2.15 0.00	32.12 2.19 0.00	31.66 2.07 0.00	32.22 2.22 0.00	33.42 2.27 0.00	42.51 3.40 0.00	50.87 4.50 0.00	45.61 3.53 0.00	41.80 3.27 0.00	33.88 2.19 0.00	33.16 2.17 0.00	32.59 2.07 0.00	29.32 1.89 0.00
BURROWS___LYONSDAL 23803	21.81 -0.02 0.00	20.29 0.00 0.00	19.43 -0.04 0.00	19.30 -0.02 0.00	20.25 0.00 0.00	22.02 0.11 0.00	29.55 0.15 0.00	33.12 0.20 0.00	31.94 0.16 0.00	30.15 0.21 0.00	31.06 0.25 0.00	30.96 0.18 0.00	30.08 0.15 0.00	29.86 0.27 0.00	30.42 0.42 0.00	31.74 0.59 0.00	40.21 1.10 0.00	47.81 1.44 0.00	43.34 1.26 0.00	39.64 1.12 0.00	32.52 0.82 0.00	31.64 0.65 0.00	31.15 0.64 0.00	27.87 0.44 0.00
CAITHNESS_CC_1 323624	25.28 1.94 -1.51	23.68 1.79 -1.60	23.60 1.71 -2.42	23.86 1.66 -2.89	25.06 1.70 -3.11	27.31 1.73 -3.67	37.55 2.26 -5.89	41.30 3.16 -5.21	38.79 2.83 -4.18	32.60 2.66 0.00	33.28 2.47 0.00	33.30 2.52 0.00	37.41 2.54 -4.93	37.42 2.51 -5.31	38.88 2.64 -6.24	40.50 2.65 -6.70	51.13 3.95 -8.07	66.21 5.10 -14.74	56.80 4.08 -10.64	53.01 3.78 -10.71	44.01 2.82 -9.49	41.31 2.42 -7.91	37.05 2.53 -4.01	32.31 2.36 -2.52
CALPINE BETH_PAGE_GT4 24209	25.08 1.75 -1.51	23.48 1.62 -1.57	23.45 1.60 -2.39	23.71 1.55 -2.85	24.87 1.54 -3.07	27.14 1.56 -3.67	37.37 2.09 -5.89	41.00 2.86 -5.21	38.66 2.70 -4.18	32.51 2.57 0.00	33.21 2.40 0.00	33.27 2.49 0.00	37.41 2.54 -4.93	37.33 2.43 -5.31	38.76 2.52 -6.24	40.44 2.59 -6.70	50.94 3.75 -8.07	66.02 4.92 -14.74	56.67 3.96 -10.64	52.86 3.62 -10.71	43.72 2.54 -9.49	41.34 2.45 -7.91	36.93 2.41 -4.01	32.14 2.19 -2.52
CALPINE_BETH_PAGE_GT_4 323586	25.08 1.75 -1.51	23.48 1.62 -1.57	23.45 1.60 -2.39	23.71 1.55 -2.85	24.87 1.54 -3.07	27.07 1.49 -3.67	37.34 2.06 -5.89	40.97 2.83 -5.21	38.66 2.70 -4.18	32.52 2.58 0.00	33.22 2.40 0.00	33.27 2.49 0.00	37.35 2.48 -4.93	37.27 2.37 -5.31	38.70 2.46 -6.24	40.31 2.46 -6.70	50.86 3.68 -8.07	65.88 4.78 -14.74	56.54 3.83 -10.64	52.74 3.51 -10.71	43.82 2.63 -9.49	41.13 2.23 -7.91	37.03 2.50 -4.01	32.17 2.22 -2.52
CALPINE_BP_GT1 23823	25.08 1.75 -1.51	23.48 1.62 -1.57	23.45 1.60 -2.39	23.71 1.55 -2.85	24.87 1.54 -3.07	27.07 1.49 -3.67	37.34 2.06 -5.89	40.97 2.83 -5.21	38.66 2.70 -4.18	32.52 2.58 0.00	33.22 2.40 0.00	33.27 2.49 0.00	37.35 2.48 -4.93	37.27 2.37 -5.31	38.70 2.46 -6.24	40.31 2.46 -6.70	50.86 3.68 -8.07	65.88 4.78 -14.74	56.54 3.83 -10.64	52.74 3.51 -10.71	43.82 2.63 -9.49	41.13 2.23 -7.91	37.03 2.50 -4.01	32.17 2.22 -2.52
CALSPAN___DRP 24200	20.91 -0.92 0.00	19.30 -0.99 0.00	18.48 -0.99 0.00	18.29 -1.02 0.00	19.20 -1.05 0.00	20.82 -1.10 0.00	28.58 -0.82 0.00	31.34 -1.58 0.00	30.96 -0.83 0.00	29.10 -0.84 0.00	30.07 -0.74 0.00	29.95 -0.83 0.00	29.04 -0.90 0.00	28.85 -0.74 0.00	29.04 -0.96 0.00	29.69 -1.46 0.00	38.25 -0.86 0.00	44.56 -1.81 0.00	40.35 -1.73 0.00	37.06 -1.46 0.00	30.65 -1.05 0.00	29.13 -1.86 0.00	29.23 -1.28 0.00	26.61 -0.82 0.00

CALVERTON___SOLAR 323806	25.39 2.05 -1.51	23.78 1.89 -1.60	23.70 1.81 -2.42	23.98 1.78 -2.89	25.19 1.82 -3.11	27.44 1.86 -3.67	37.70 2.41 -5.89	41.46 3.32 -5.21	38.95 2.99 -4.18	32.72 2.78 0.00	33.40 2.59 0.00	33.43 2.65 0.00	37.53 2.66 -4.93	37.51 2.60 -5.31	39.00 2.76 -6.24	40.62 2.77 -6.70	51.29 4.11 -8.07	66.39 5.28 -14.74	56.96 4.25 -10.64	53.20 3.97 -10.71	44.14 2.95 -9.49	41.40 2.51 -7.91	37.18 2.65 -4.01	32.42 2.47 -2.52
CANDIGU_WT_PWR 323617	21.33 -0.50 0.00	19.68 -0.61 0.00	18.81 -0.66 0.00	18.64 -0.68 0.00	19.56 -0.69 0.00	21.39 -0.53 0.00	29.02 -0.38 0.00	32.07 -0.86 0.00	31.40 -0.38 0.00	29.52 -0.42 0.00	30.50 -0.31 0.00	30.38 -0.40 0.00	29.54 -0.39 0.00	29.21 -0.39 0.00	29.52 -0.48 0.00	30.59 -0.56 0.00	38.99 -0.12 0.00	46.00 -0.37 0.00	41.66 -0.42 0.00	38.29 -0.23 0.00	31.79 0.10 0.00	30.62 -0.37 0.00	30.02 -0.49 0.00	27.18 -0.25 0.00
CARR STREET_E_SYR 24060	21.59 -0.24 0.00	20.03 -0.26 0.00	19.20 -0.27 0.00	19.05 -0.27 0.00	19.99 -0.26 0.00	21.69 -0.22 0.00	29.10 -0.29 0.00	32.33 -0.59 0.00	31.27 -0.51 0.00	29.46 -0.48 0.00	30.44 -0.37 0.00	30.35 -0.43 0.00	29.49 -0.45 0.00	29.18 -0.41 0.00	29.49 -0.51 0.00	30.65 -0.50 0.00	38.72 -0.39 0.00	45.95 -0.42 0.00	41.58 -0.50 0.00	38.06 -0.46 0.00	31.32 -0.38 0.00	30.40 -0.59 0.00	29.84 -0.67 0.00	26.83 -0.60 0.00
CARTHAGE___PAPER 23857	21.31 -0.52 0.00	19.82 -0.47 0.00	18.96 -0.51 0.00	18.85 -0.46 0.00	19.81 -0.45 0.00	21.54 -0.37 0.00	28.90 -0.50 0.00	32.33 -0.59 0.00	31.08 -0.70 0.00	29.31 -0.63 0.00	30.19 -0.62 0.00	30.16 -0.62 0.00	29.28 -0.66 0.00	29.06 -0.53 0.00	29.67 -0.33 0.00	31.00 -0.15 0.00	39.27 0.16 0.00	46.79 0.42 0.00	42.46 0.38 0.00	38.91 0.39 0.00	31.92 0.22 0.00	31.02 0.03 0.00	30.48 -0.03 0.00	27.24 -0.19 0.00
CASSADAGA_WT_PWR 323784	20.81 -1.03 0.00	18.99 -1.30 0.00	18.18 -1.29 0.00	18.22 -1.10 0.00	18.92 -1.34 0.00	20.88 -1.03 0.00	28.72 -0.67 0.00	31.31 -1.61 0.00	30.96 -0.83 0.00	29.19 -0.75 0.00	30.22 -0.59 0.00	30.13 -0.65 0.00	29.40 -0.54 0.00	29.06 -0.53 0.00	29.37 -0.63 0.00	30.31 -0.84 0.00	38.95 -0.16 0.00	45.68 -0.69 0.00	41.36 -0.72 0.00	38.14 -0.39 0.00	31.79 0.10 0.00	30.46 -0.53 0.00	29.69 -0.82 0.00	26.99 -0.44 0.00
CE_DUNWOOD___DRP 24194	22.90 1.07 0.00	21.24 0.95 0.00	20.40 0.93 0.00	20.21 0.89 0.00	21.14 0.89 0.00	22.86 0.94 0.00	30.69 1.29 0.00	34.97 2.04 0.00	33.66 1.88 0.00	31.77 1.83 0.00	32.47 1.66 0.00	32.47 1.69 0.00	31.67 1.74 0.00	31.22 1.63 0.00	31.74 1.74 0.00	32.99 1.84 0.00	41.89 2.78 0.00	50.13 3.76 0.00	45.02 2.95 0.00	41.18 2.66 0.00	33.47 1.78 0.00	32.72 1.74 0.00	32.13 1.62 0.00	28.89 1.45 0.00
CE_MILLWOOD___DRP 24193	22.86 1.03 0.00	21.20 0.91 0.00	20.36 0.90 0.00	20.17 0.85 0.00	21.12 0.87 0.00	22.81 0.90 0.00	30.63 1.23 0.00	34.87 2.04 0.00	33.56 1.78 0.00	31.68 1.74 0.00	32.41 1.60 0.00	32.41 1.63 0.00	31.58 1.65 0.00	31.13 1.54 0.00	31.65 1.65 0.00	32.93 1.78 0.00	41.77 2.66 0.00	49.99 3.62 0.00	44.90 2.82 0.00	41.10 2.58 0.00	33.38 1.68 0.00	32.66 1.67 0.00	32.04 1.53 0.00	28.83 1.40 0.00
CE_NYC2_DRP 24202	23.12 1.29 0.00	21.41 1.12 0.00	20.58 1.11 0.00	20.36 1.04 0.00	21.29 1.03 0.00	22.97 1.05 0.00	30.75 1.35 0.00	35.06 2.14 0.00	33.75 1.97 0.00	31.92 1.98 0.00	32.60 1.79 0.00	32.60 1.82 0.00	31.82 1.89 0.00	31.37 1.78 0.00	31.89 1.89 0.00	33.08 1.93 0.00	42.01 2.89 0.00	50.22 3.85 0.00	45.07 2.99 0.00	41.26 2.74 0.00	33.47 1.78 0.00	32.78 1.80 0.00	32.28 1.77 0.00	29.22 1.78 -0.01
CE_NYC_DRP 24195	23.03 1.20 0.00	21.35 1.06 0.00	20.50 1.03 0.00	20.30 0.99 0.00	21.22 0.97 0.00	22.92 1.01 0.00	30.81 1.41 0.00	35.16 2.24 0.00	33.82 2.03 0.00	31.95 2.01 0.00	32.63 1.82 0.00	32.66 1.88 0.00	31.85 1.92 0.00	31.40 1.81 0.00	31.92 1.92 0.00	33.14 1.99 0.00	42.12 3.01 0.00	50.36 3.99 0.00	45.15 3.07 0.00	41.37 2.85 0.00	33.57 1.87 0.00	32.85 1.86 0.00	32.28 1.77 0.00	29.08 1.65 0.00
CHAFFEE___LFGE 323603	21.00 -0.83 0.00	19.38 -0.91 0.00	18.55 -0.91 0.00	18.41 -0.91 0.00	19.30 -0.95 0.00	21.26 -0.66 0.00	28.84 -0.56 0.00	31.54 -1.38 0.00	31.11 -0.67 0.00	29.28 -0.66 0.00	30.22 -0.59 0.00	30.13 -0.65 0.00	29.36 -0.57 0.00	29.00 -0.59 0.00	29.19 -0.81 0.00	30.12 -1.03 0.00	38.48 -0.63 0.00	44.84 -1.53 0.00	40.57 -1.51 0.00	37.29 -1.23 0.00	31.09 -0.60 0.00	29.90 -1.09 0.00	29.20 -1.31 0.00	26.61 -0.82 0.00
CHATEAUG_35_KV_LOAD 355732	21.85 0.02 0.00	20.51 0.22 0.00	19.78 0.31 0.00	19.68 0.37 0.00	20.50 0.24 0.00	22.20 0.28 0.00	29.40 0.00 0.00	32.63 -0.30 0.00	31.18 -0.60 0.00	29.04 -0.90 0.00	29.86 -0.96 0.00	29.76 -1.02 0.00	28.80 -1.14 0.00	28.47 -1.12 0.00	28.98 -1.02 0.00	30.18 -0.97 0.00	37.47 -1.64 0.00	43.91 -2.46 0.00	40.31 -1.77 0.00	37.64 -0.89 0.00	31.51 -0.19 0.00	31.08 0.09 0.00	30.63 0.12 0.00	27.35 -0.08 0.00
CHATEAUG_WT_PWR 323614	21.79 -0.04 0.00	20.49 0.20 0.00	19.76 0.29 0.00	19.66 0.35 0.00	20.41 0.16 0.00	22.13 0.22 0.00	29.25 -0.15 0.00	32.50 -0.43 0.00	31.08 -0.70 0.00	28.92 -1.02 0.00	29.73 -1.08 0.00	29.64 -1.14 0.00	28.71 -1.23 0.00	28.35 -1.24 0.00	28.86 -1.14 0.00	30.06 -1.09 0.00	37.35 -1.76 0.00	43.68 -2.69 0.00	40.06 -2.02 0.00	37.52 -1.00 0.00	31.16 -0.54 0.00	30.96 -0.03 0.00	30.54 0.03 0.00	27.82 0.38 0.00
CHAT_HIGH_FALL_HYD 323578	21.85 0.02 0.00	20.51 0.22 0.00	19.78 0.31 0.00	19.68 0.37 0.00	20.50 0.24 0.00	22.18 0.26 0.00	29.40 0.00 0.00	32.63 -0.30 0.00	31.18 -0.60 0.00	29.04 -0.90 0.00	29.86 -0.96 0.00	29.76 -1.01 0.00	28.80 -1.14 0.00	28.47 -1.12 0.00	28.98 -1.02 0.00	30.18 -0.97 0.00	37.47 -1.64 0.00	43.91 -2.46 0.00	40.31 -1.77 0.00	37.64 -0.88 0.00	31.25 -0.44 0.00	31.08 0.09 0.00	30.63 0.12 0.00	27.84 0.41 0.00
CHAUTAUQUA___LFGE 323629	20.96 -0.87 0.00	19.30 -0.99 0.00	18.48 -0.99 0.00	18.37 -0.95 0.00	19.22 -1.03 0.00	21.17 -0.75 0.00	28.84 -0.56 0.00	31.54 -1.38 0.00	31.11 -0.67 0.00	29.31 -0.63 0.00	30.32 -0.49 0.00	30.19 -0.59 0.00	29.43 -0.51 0.00	29.06 -0.53 0.00	29.31 -0.69 0.00	30.22 -0.93 0.00	38.72 -0.39 0.00	45.21 -1.16 0.00	40.95 -1.13 0.00	37.64 -0.88 0.00	31.41 -0.29 0.00	30.15 -0.84 0.00	29.41 -1.10 0.00	26.77 -0.66 0.00
CHERRYST_13_KV_LD 356241	23.08 1.24 0.00	21.39 1.10 0.00	20.56 1.09 0.00	20.34 1.02 0.00	21.27 1.01 0.00	22.97 1.05 0.00	30.87 1.47 0.00	35.26 2.34 0.00	33.91 2.13 0.00	32.07 2.13 0.00	32.75 1.94 0.00	32.75 1.97 0.00	31.97 2.04 0.00	31.49 1.89 0.00	32.04 2.04 0.00	33.24 2.09 0.00	42.28 3.17 0.00	50.54 4.17 0.00	45.28 3.20 0.00	41.49 2.97 0.00	33.66 1.97 0.00	32.94 1.95 0.00	32.37 1.86 0.00	29.13 1.70 0.00

CHESTROR_138KV_BK263 355645	22.66 0.83 0.00	21.04 0.75 0.00	20.19 0.72 0.00	20.01 0.70 0.00	20.94 0.69 0.00	22.66 0.75 0.00	30.40 1.00 0.00	34.47 1.55 0.00	33.18 1.40 0.00	31.32 1.38 0.00	32.04 1.23 0.00	32.04 1.26 0.00	31.22 1.29 0.00	30.78 1.18 0.00	31.29 1.29 0.00	32.55 1.40 0.00	41.30 2.19 0.00	49.38 3.01 0.00	44.39 2.31 0.00	40.64 2.12 0.00	33.06 1.36 0.00	32.32 1.33 0.00	31.73 1.22 0.00	28.56 1.12 0.00
CH_MIDHUDSON___DRP 24192	22.81 0.98 0.00	21.18 0.89 0.00	20.35 0.88 0.00	20.15 0.83 0.00	21.10 0.85 0.00	22.81 0.90 0.00	30.63 1.23 0.00	34.70 1.78 0.00	33.40 1.62 0.00	31.53 1.59 0.00	32.26 1.45 0.00	32.26 1.48 0.00	31.43 1.50 0.00	30.98 1.39 0.00	31.53 1.53 0.00	32.80 1.65 0.00	41.61 2.50 0.00	49.80 3.43 0.00	44.81 2.74 0.00	40.99 2.47 0.00	33.31 1.62 0.00	32.60 1.61 0.00	31.95 1.43 0.00	28.72 1.29 0.00
CH_MISC_IPPS 23765	22.94 1.11 0.00	21.28 0.99 0.00	20.42 0.95 0.00	20.23 0.91 0.00	21.18 0.93 0.00	22.83 0.92 0.00	30.75 1.35 0.00	34.83 1.91 0.00	33.53 1.75 0.00	31.68 1.74 0.00	32.38 1.57 0.00	32.38 1.60 0.00	31.49 1.56 0.00	31.10 1.51 0.00	31.62 1.62 0.00	32.86 1.71 0.00	41.81 2.70 0.00	50.08 3.71 0.00	45.07 2.99 0.00	41.18 2.66 0.00	33.70 2.00 0.00	32.60 1.61 0.00	32.16 1.65 0.00	28.91 1.48 0.00
CH_RES_BVR_FALLS 23983	21.53 -0.31 0.00	20.05 -0.24 0.00	19.27 -0.19 0.00	19.14 -0.17 0.00	20.07 -0.18 0.00	21.69 -0.22 0.00	29.02 -0.38 0.00	32.40 -0.53 0.00	31.27 -0.51 0.00	29.49 -0.45 0.00	30.38 -0.43 0.00	30.38 -0.40 0.00	29.54 -0.39 0.00	29.21 -0.39 0.00	29.64 -0.36 0.00	30.78 -0.37 0.00	38.37 -0.74 0.00	45.39 -0.98 0.00	41.36 -0.72 0.00	37.95 -0.58 0.00	31.28 -0.41 0.00	30.80 -0.18 0.00	30.39 -0.12 0.00	27.32 -0.11 0.00
CH_RES_NIAGARA 23895	20.04 -1.79 0.00	18.50 -1.79 0.00	17.74 -1.73 0.00	17.58 -1.74 0.00	18.43 -1.82 0.00	20.36 -1.56 0.00	27.49 -1.91 0.00	29.90 -3.03 0.00	29.56 -2.23 0.00	27.78 -2.16 0.00	28.71 -2.10 0.00	28.60 -2.18 0.00	27.90 -2.04 0.00	27.55 -2.04 0.00	27.66 -2.34 0.00	28.57 -2.59 0.00	36.37 -2.74 0.00	42.06 -4.31 0.00	38.21 -3.87 0.00	35.06 -3.47 0.00	29.35 -2.35 0.00	28.29 -2.70 0.00	27.61 -2.90 0.00	25.29 -2.14 0.00
CH_RES_SYRACUSE 23985	21.74 -0.09 0.00	20.15 -0.14 0.00	19.31 -0.16 0.00	19.18 -0.13 0.00	20.11 -0.14 0.00	21.83 -0.09 0.00	29.34 -0.06 0.00	32.70 -0.23 0.00	31.63 -0.16 0.00	29.79 -0.15 0.00	30.78 -0.03 0.00	30.69 -0.09 0.00	29.81 -0.12 0.00	29.50 -0.09 0.00	29.82 -0.18 0.00	31.00 -0.15 0.00	39.19 0.08 0.00	46.51 0.14 0.00	42.08 0.00 0.00	38.52 0.00 0.00	31.73 0.03 0.00	30.77 -0.22 0.00	30.21 -0.31 0.00	27.16 -0.27 0.00
CLINTON_WT_PWR 323605	21.79 -0.04 0.00	20.49 0.20 0.00	19.76 0.29 0.00	19.66 0.35 0.00	20.41 0.16 0.00	22.13 0.22 0.00	29.25 -0.15 0.00	32.50 -0.43 0.00	31.08 -0.70 0.00	28.92 -1.02 0.00	29.73 -1.08 0.00	29.64 -1.14 0.00	28.71 -1.23 0.00	28.35 -1.24 0.00	28.86 -1.14 0.00	30.06 -1.09 0.00	37.35 -1.76 0.00	43.68 -2.69 0.00	40.06 -2.02 0.00	37.52 -1.00 0.00	31.16 -0.54 0.00	30.96 -0.03 0.00	30.54 0.03 0.00	27.82 0.38 0.00
CLINTON___LFGE 323618	22.18 0.35 0.00	20.84 0.55 0.00	20.07 0.60 0.00	19.97 0.66 0.00	20.78 0.53 0.00	22.53 0.61 0.00	29.75 0.35 0.00	33.02 0.10 0.00	31.56 -0.22 0.00	29.34 -0.60 0.00	30.19 -0.62 0.00	30.10 -0.68 0.00	29.10 -0.84 0.00	28.76 -0.83 0.00	29.25 -0.75 0.00	30.53 -0.62 0.00	37.94 -1.17 0.00	44.33 -2.04 0.00	40.65 -1.43 0.00	38.18 -0.35 0.00	31.70 0.00 0.00	31.42 0.43 0.00	30.97 0.46 0.00	28.23 0.80 0.00
COBBLENY_34_KV_TB1 80064	21.00 -0.83 0.00	19.38 -0.91 0.00	18.55 -0.92 0.00	18.39 -0.93 0.00	19.30 -0.95 0.00	20.93 -0.99 0.00	28.72 -0.68 0.00	31.54 -1.38 0.00	31.12 -0.67 0.00	29.28 -0.66 0.00	30.23 -0.59 0.00	30.13 -0.65 0.00	29.19 -0.75 0.00	29.00 -0.59 0.00	29.19 -0.81 0.00	29.81 -1.34 0.00	38.49 -0.63 0.00	44.79 -1.58 0.00	40.56 -1.51 0.00	37.25 -1.27 0.00	30.81 -0.89 0.00	29.28 -1.70 0.00	29.35 -1.16 0.00	26.69 -0.74 0.00
COFFEEN___115KV_TB3 355620	21.57 -0.26 0.00	20.09 -0.20 0.00	19.18 -0.29 0.00	19.09 -0.23 0.00	20.05 -0.20 0.00	21.85 -0.07 0.00	29.34 -0.06 0.00	32.79 -0.13 0.00	31.56 -0.22 0.00	29.73 -0.21 0.00	30.69 -0.12 0.00	30.60 -0.18 0.00	29.66 -0.27 0.00	29.47 -0.12 0.00	30.09 0.09 0.00	31.46 0.31 0.00	40.01 0.90 0.00	47.72 1.34 0.00	43.26 1.18 0.00	39.60 1.08 0.00	32.46 0.76 0.00	31.42 0.43 0.00	30.88 0.37 0.00	27.57 0.14 0.00
COLDSPRG_115KV_BK1 355956	21.53 -0.31 0.00	19.78 -0.51 0.00	18.92 -0.55 0.00	18.83 -0.48 0.00	19.71 -0.55 0.00	21.41 -0.50 0.00	29.63 0.24 0.00	32.60 -0.33 0.00	32.13 0.35 0.00	30.24 0.30 0.00	31.24 0.43 0.00	31.12 0.34 0.00	30.17 0.24 0.00	29.95 0.36 0.00	30.18 0.18 0.00	30.87 -0.28 0.00	39.93 0.82 0.00	46.83 0.46 0.00	42.29 0.21 0.00	38.91 0.39 0.00	32.08 0.38 0.00	30.55 -0.43 0.00	30.45 -0.06 0.00	27.60 0.16 0.00
COLONIE_LFGE___ 323577	22.38 0.55 0.00	20.84 0.55 0.00	20.00 0.53 0.00	19.82 0.50 0.00	20.84 0.59 0.00	22.48 0.57 0.00	30.22 0.82 0.00	34.04 1.12 0.00	32.86 1.08 0.00	30.90 0.96 0.00	31.73 0.92 0.00	31.76 0.98 0.00	30.89 0.96 0.00	30.54 0.95 0.00	31.02 1.02 0.00	32.30 1.15 0.00	40.79 1.68 0.00	48.69 2.32 0.00	44.06 1.98 0.00	40.14 1.62 0.00	33.00 1.30 0.00	32.07 1.08 0.00	31.49 0.98 0.00	28.25 0.82 0.00
COOPERNY_115KV_TB1 80082	22.46 0.63 0.00	20.86 0.57 0.00	20.01 0.55 0.00	19.84 0.52 0.00	20.78 0.53 0.00	22.48 0.57 0.00	30.16 0.76 0.00	34.14 1.22 0.00	32.90 1.11 0.00	31.02 1.08 0.00	31.80 0.99 0.00	31.76 0.98 0.00	30.95 1.02 0.00	30.54 0.95 0.00	31.02 1.02 0.00	32.24 1.09 0.00	40.83 1.72 0.00	48.74 2.36 0.00	43.89 1.81 0.00	40.18 1.66 0.00	32.77 1.08 0.00	32.01 1.02 0.00	31.46 0.95 0.00	28.31 0.88 0.00
COPENHAGEN_WT_PWR 323753	21.42 -0.42 0.00	19.93 -0.36 0.00	19.06 -0.41 0.00	18.95 -0.37 0.00	19.89 -0.36 0.00	21.67 -0.24 0.00	29.08 -0.32 0.00	32.50 -0.43 0.00	31.27 -0.51 0.00	29.49 -0.45 0.00	30.44 -0.37 0.00	30.35 -0.43 0.00	29.45 -0.48 0.00	29.24 -0.35 0.00	29.79 -0.21 0.00	31.12 -0.03 0.00	39.50 0.39 0.00	47.07 0.70 0.00	42.67 0.59 0.00	39.06 0.54 0.00	32.08 0.38 0.00	31.11 0.12 0.00	30.51 0.00 0.00	27.27 -0.16 0.00
CORNELL_____ 23752	22.25 0.41 0.00	20.61 0.32 0.00	19.76 0.29 0.00	19.61 0.29 0.00	20.58 0.32 0.00	22.33 0.42 0.00	30.19 0.79 0.00	33.75 0.82 0.00	32.71 0.92 0.00	30.75 0.81 0.00	31.74 0.92 0.00	31.61 0.83 0.00	30.71 0.78 0.00	30.39 0.80 0.00	30.75 0.75 0.00	31.96 0.81 0.00	40.60 1.49 0.00	48.27 1.90 0.00	43.68 1.60 0.00	39.99 1.46 0.00	32.77 1.08 0.00	31.73 0.74 0.00	31.24 0.73 0.00	28.12 0.69 0.00

CORONA_69_KV_TB1 355595	24.89 1.55 -1.51	23.18 1.38 -1.51	23.14 1.34 -2.33	23.39 1.27 -2.80	24.59 1.32 -3.02	27.01 1.42 -3.67	37.26 1.97 -5.89	40.94 2.80 -5.21	38.57 2.61 -4.18	32.43 2.49 0.00	33.12 2.31 0.00	33.15 2.37 0.00	37.29 2.42 -4.93	37.21 2.31 -5.31	38.67 2.43 -6.24	40.41 2.55 -6.70	50.86 3.68 -8.07	65.93 4.82 -14.74	56.63 3.91 -10.64	52.82 3.58 -10.71	43.69 2.50 -9.49	41.37 2.48 -7.91	36.84 2.32 -4.01	32.03 2.08 -2.52
CORTLAND_115KV_TB3 80093	22.07 0.24 0.00	20.47 0.18 0.00	19.63 0.16 0.00	19.47 0.15 0.00	20.43 0.18 0.00	22.16 0.24 0.00	29.90 0.50 0.00	33.45 0.53 0.00	32.36 0.57 0.00	30.45 0.51 0.00	31.43 0.62 0.00	31.33 0.55 0.00	30.41 0.48 0.00	30.13 0.53 0.00	30.48 0.48 0.00	31.68 0.53 0.00	40.17 1.06 0.00	47.72 1.34 0.00	43.17 1.09 0.00	39.52 1.00 0.00	32.36 0.67 0.00	31.42 0.43 0.00	30.94 0.43 0.00	27.84 0.41 0.00
COXSACKIE___GT 23611	22.92 1.09 0.00	21.34 1.05 0.00	20.46 0.99 0.00	20.30 0.98 0.00	21.31 1.05 0.00	23.03 1.12 0.00	30.98 1.59 0.00	34.47 1.55 0.00	33.25 1.46 0.00	31.29 1.35 0.00	32.04 1.23 0.00	32.01 1.23 0.00	31.07 1.14 0.00	30.75 1.15 0.00	31.26 1.26 0.00	32.74 1.59 0.00	41.62 2.51 0.00	49.89 3.52 0.00	45.36 3.28 0.00	41.30 2.78 0.00	33.92 2.22 0.00	32.91 1.92 0.00	32.19 1.68 0.00	28.94 1.51 0.00
CPV_VALLEY___CC1 323721	22.51 0.68 0.00	20.90 0.61 0.00	20.07 0.60 0.00	19.86 0.54 0.00	20.82 0.57 0.00	22.46 0.55 0.00	30.19 0.79 0.00	34.24 1.32 0.00	32.96 1.18 0.00	31.11 1.17 0.00	31.83 1.02 0.00	31.83 1.05 0.00	30.98 1.05 0.00	30.60 1.01 0.00	31.08 1.08 0.00	32.24 1.09 0.00	40.95 1.84 0.00	48.97 2.60 0.00	44.06 1.98 0.00	40.30 1.77 0.00	33.00 1.30 0.00	31.95 0.96 0.00	31.58 1.07 0.00	28.39 0.96 0.00
CPV_VALLEY___CC2 323722	22.51 0.68 0.00	20.90 0.61 0.00	20.07 0.60 0.00	19.86 0.54 0.00	20.82 0.57 0.00	22.46 0.55 0.00	30.19 0.79 0.00	34.24 1.32 0.00	32.96 1.18 0.00	31.11 1.17 0.00	31.83 1.02 0.00	31.83 1.05 0.00	30.98 1.05 0.00	30.60 1.01 0.00	31.08 1.08 0.00	32.24 1.09 0.00	40.95 1.84 0.00	48.97 2.60 0.00	44.06 1.98 0.00	40.30 1.77 0.00	33.00 1.30 0.00	31.95 0.96 0.00	31.58 1.07 0.00	28.39 0.96 0.00
CRESCENT___HYD 24018	22.38 0.55 0.00	20.84 0.55 0.00	20.00 0.53 0.00	19.82 0.50 0.00	20.84 0.59 0.00	22.48 0.57 0.00	30.22 0.82 0.00	34.04 1.12 0.00	32.86 1.08 0.00	30.90 0.96 0.00	31.73 0.92 0.00	31.76 0.98 0.00	30.89 0.96 0.00	30.54 0.95 0.00	31.02 1.02 0.00	32.30 1.15 0.00	40.79 1.68 0.00	48.69 2.32 0.00	44.06 1.98 0.00	40.14 1.62 0.00	33.00 1.30 0.00	32.07 1.08 0.00	31.49 0.98 0.00	28.25 0.82 0.00
CRICKET___VALLEY_CC1 323756	22.62 0.78 0.00	21.02 0.73 0.00	20.19 0.72 0.00	19.99 0.68 0.00	20.98 0.73 0.00	22.59 0.68 0.00	30.31 0.91 0.00	34.37 1.45 0.00	33.12 1.33 0.00	31.23 1.29 0.00	31.95 1.14 0.00	31.98 1.20 0.00	31.13 1.20 0.00	30.72 1.12 0.00	31.23 1.23 0.00	32.49 1.34 0.00	41.22 2.11 0.00	49.29 2.92 0.00	44.39 2.31 0.00	40.52 2.00 0.00	33.19 1.49 0.00	32.16 1.18 0.00	31.73 1.22 0.00	28.50 1.07 0.00
CRICKET___VALLEY_CC2 323757	22.62 0.78 0.00	21.02 0.73 0.00	20.19 0.72 0.00	19.99 0.68 0.00	20.98 0.73 0.00	22.59 0.68 0.00	30.31 0.91 0.00	34.37 1.45 0.00	33.12 1.33 0.00	31.23 1.29 0.00	31.95 1.14 0.00	31.98 1.20 0.00	31.13 1.20 0.00	30.72 1.12 0.00	31.23 1.23 0.00	32.49 1.34 0.00	41.22 2.11 0.00	49.29 2.92 0.00	44.39 2.31 0.00	40.52 2.00 0.00	33.19 1.49 0.00	32.16 1.18 0.00	31.73 1.22 0.00	28.50 1.07 0.00
CRICKET___VALLEY_CC3 323758	22.62 0.78 0.00	21.02 0.73 0.00	20.19 0.72 0.00	19.99 0.68 0.00	20.98 0.73 0.00	22.59 0.68 0.00	30.31 0.91 0.00	34.37 1.45 0.00	33.12 1.33 0.00	31.23 1.29 0.00	31.95 1.14 0.00	31.98 1.20 0.00	31.13 1.20 0.00	30.72 1.12 0.00	31.23 1.23 0.00	32.49 1.34 0.00	41.22 2.11 0.00	49.29 2.92 0.00	44.39 2.31 0.00	40.52 2.00 0.00	33.19 1.49 0.00	32.16 1.18 0.00	31.73 1.22 0.00	28.50 1.07 0.00
CRUCIBLE_METL_DRP 24180	21.74 -0.09 0.00	20.15 -0.14 0.00	19.31 -0.16 0.00	19.18 -0.14 0.00	20.11 -0.14 0.00	21.80 -0.11 0.00	29.34 -0.06 0.00	32.69 -0.23 0.00	31.62 -0.16 0.00	29.79 -0.15 0.00	30.78 -0.03 0.00	30.69 -0.09 0.00	29.81 -0.12 0.00	29.50 -0.09 0.00	29.82 -0.18 0.00	30.96 -0.19 0.00	39.19 0.08 0.00	46.51 0.14 0.00	42.08 0.00 0.00	38.52 0.00 0.00	31.60 -0.10 0.00	30.71 -0.28 0.00	30.24 -0.27 0.00	27.24 -0.19 0.00
DAHOWA___HYDRO 323763	22.62 0.78 0.00	21.00 0.71 0.00	20.15 0.68 0.00	19.99 0.68 0.00	21.02 0.77 0.00	22.75 0.83 0.00	30.66 1.26 0.00	34.54 1.61 0.00	33.43 1.65 0.00	31.35 1.41 0.00	32.26 1.45 0.00	32.26 1.48 0.00	31.34 1.41 0.00	31.01 1.42 0.00	31.50 1.50 0.00	32.83 1.68 0.00	41.54 2.43 0.00	49.62 3.24 0.00	44.81 2.73 0.00	40.83 2.31 0.00	33.53 1.84 0.00	32.54 1.55 0.00	31.92 1.40 0.00	28.61 1.18 0.00
DANC___LFGE 323619	21.39 -0.44 0.00	19.88 -0.41 0.00	19.04 -0.43 0.00	18.91 -0.41 0.00	19.85 -0.40 0.00	21.61 -0.31 0.00	28.99 -0.41 0.00	32.33 -0.59 0.00	31.18 -0.60 0.00	29.40 -0.54 0.00	30.35 -0.46 0.00	30.29 -0.49 0.00	29.40 -0.54 0.00	29.15 -0.44 0.00	29.61 -0.39 0.00	30.90 -0.25 0.00	39.11 0.00 0.00	46.56 0.19 0.00	42.16 0.08 0.00	38.60 0.08 0.00	31.76 0.06 0.00	30.80 -0.18 0.00	30.21 -0.31 0.00	27.05 -0.38 0.00
DANSKAMMER___1 23586	22.94 1.11 0.00	21.28 0.99 0.00	20.42 0.95 0.00	20.23 0.91 0.00	21.18 0.93 0.00	22.83 0.92 0.00	30.75 1.35 0.00	34.83 1.91 0.00	33.53 1.75 0.00	31.68 1.74 0.00	32.38 1.57 0.00	32.38 1.60 0.00	31.49 1.56 0.00	31.10 1.51 0.00	31.62 1.62 0.00	32.86 1.71 0.00	41.81 2.70 0.00	50.08 3.71 0.00	45.07 2.99 0.00	41.18 2.66 0.00	33.70 2.00 0.00	32.60 1.61 0.00	32.16 1.65 0.00	28.91 1.48 0.00
DANSKAMMER___2 23589	22.94 1.11 0.00	21.28 0.99 0.00	20.42 0.95 0.00	20.23 0.91 0.00	21.18 0.93 0.00	22.83 0.92 0.00	30.75 1.35 0.00	34.83 1.91 0.00	33.53 1.75 0.00	31.68 1.74 0.00	32.38 1.57 0.00	32.38 1.60 0.00	31.49 1.56 0.00	31.10 1.51 0.00	31.62 1.62 0.00	32.86 1.71 0.00	41.81 2.70 0.00	50.08 3.71 0.00	45.07 2.99 0.00	41.18 2.66 0.00	33.70 2.00 0.00	32.60 1.61 0.00	32.16 1.65 0.00	28.91 1.48 0.00
DANSKAMMER___3 23590	22.94 1.11 0.00	21.28 0.99 0.00	20.42 0.95 0.00	20.23 0.91 0.00	21.18 0.93 0.00	22.83 0.92 0.00	30.75 1.35 0.00	34.83 1.91 0.00	33.53 1.75 0.00	31.68 1.74 0.00	32.38 1.57 0.00	32.38 1.60 0.00	31.49 1.56 0.00	31.10 1.51 0.00	31.62 1.62 0.00	32.86 1.71 0.00	41.81 2.70 0.00	50.08 3.71 0.00	45.07 2.99 0.00	41.18 2.66 0.00	33.70 2.00 0.00	32.60 1.61 0.00	32.16 1.65 0.00	28.91 1.48 0.00

DANSKAMMER___4 23591	22.94 1.11 0.00	21.28 0.99 0.00	20.42 0.95 0.00	20.23 0.91 0.00	21.18 0.93 0.00	22.83 0.92 0.00	30.75 1.35 0.00	34.83 1.91 0.00	33.53 1.75 0.00	31.68 1.74 0.00	32.38 1.57 0.00	32.38 1.60 0.00	31.49 1.56 0.00	31.10 1.51 0.00	31.62 1.62 0.00	32.86 1.71 0.00	41.81 2.70 0.00	50.08 3.71 0.00	45.07 2.99 0.00	41.18 2.66 0.00	33.70 2.00 0.00	32.60 1.61 0.00	32.16 1.65 0.00	28.91 1.48 0.00
DANSKAMMER___DIESEL 23592	22.94 1.11 0.00	21.28 0.99 0.00	20.42 0.95 0.00	20.22 0.91 0.00	21.18 0.93 0.00	22.90 0.99 0.00	30.75 1.35 0.00	34.83 1.91 0.00	33.53 1.75 0.00	31.68 1.74 0.00	32.38 1.57 0.00	32.38 1.60 0.00	31.55 1.62 0.00	31.10 1.51 0.00	31.62 1.62 0.00	32.93 1.78 0.00	41.81 2.70 0.00	50.08 3.71 0.00	45.07 2.99 0.00	41.18 2.66 0.00	33.50 1.81 0.00	32.75 1.77 0.00	32.10 1.59 0.00	28.86 1.43 0.00
DARBY___SOLAR 323810	22.59 0.76 0.00	21.00 0.71 0.00	20.13 0.66 0.00	19.97 0.66 0.00	21.00 0.75 0.00	22.73 0.81 0.00	30.60 1.21 0.00	34.44 1.52 0.00	33.37 1.59 0.00	31.32 1.38 0.00	32.20 1.39 0.00	32.20 1.42 0.00	31.31 1.38 0.00	30.96 1.36 0.00	31.44 1.44 0.00	32.77 1.62 0.00	41.42 2.31 0.00	49.48 3.11 0.00	44.69 2.61 0.00	40.72 2.19 0.00	33.44 1.74 0.00	32.47 1.49 0.00	31.85 1.34 0.00	28.56 1.13 0.00
DASHVILLE___HYD 23610	22.73 0.90 0.00	21.10 0.81 0.00	20.25 0.78 0.00	20.03 0.71 0.00	21.00 0.75 0.00	22.68 0.77 0.00	30.46 1.06 0.00	34.41 1.48 0.00	33.09 1.30 0.00	31.26 1.32 0.00	31.95 1.14 0.00	31.92 1.14 0.00	31.13 1.20 0.00	30.69 1.09 0.00	31.20 1.20 0.00	32.49 1.34 0.00	41.22 2.11 0.00	49.34 2.97 0.00	44.44 2.36 0.00	40.60 2.08 0.00	33.03 1.33 0.00	32.32 1.33 0.00	31.73 1.22 0.00	28.56 1.12 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	25.78 2.45 -1.51	24.15 2.25 -1.60	24.05 2.16 -2.42	24.31 2.11 -2.89	25.55 2.19 -3.11	27.90 2.32 -3.67	38.26 2.97 -5.89	42.12 3.98 -5.21	39.55 3.59 -4.18	33.26 3.32 0.00	33.95 3.14 0.00	33.95 3.17 0.00	38.13 3.26 -4.93	38.01 3.11 -5.31	39.54 3.30 -6.24	41.25 3.40 -6.70	52.03 4.85 -8.07	67.32 6.21 -14.74	57.81 5.09 -10.64	53.93 4.70 -10.71	44.61 3.42 -9.49	42.15 3.25 -7.91	37.61 3.08 -4.01	32.86 2.91 -2.52
DELAWARE___LFGE 323621	22.51 0.68 0.00	20.92 0.63 0.00	20.03 0.56 0.00	19.88 0.56 0.00	20.86 0.61 0.00	22.62 0.70 0.00	30.40 1.00 0.00	34.24 1.32 0.00	33.05 1.27 0.00	31.17 1.23 0.00	32.01 1.20 0.00	31.95 1.17 0.00	31.07 1.14 0.00	30.72 1.12 0.00	31.20 1.20 0.00	32.43 1.28 0.00	41.07 1.96 0.00	48.87 2.50 0.00	44.18 2.10 0.00	40.45 1.93 0.00	33.06 1.36 0.00	32.23 1.24 0.00	31.67 1.16 0.00	28.45 1.01 0.00
DERFIELD_115KV_TB7 355931	21.92 0.09 0.00	20.39 0.10 0.00	19.55 0.08 0.00	19.39 0.08 0.00	20.35 0.10 0.00	22.02 0.11 0.00	29.55 0.15 0.00	33.12 0.20 0.00	31.97 0.19 0.00	30.12 0.18 0.00	31.00 0.18 0.00	30.96 0.18 0.00	30.14 0.21 0.00	29.80 0.21 0.00	30.21 0.21 0.00	31.43 0.28 0.00	39.54 0.43 0.00	46.97 0.60 0.00	42.58 0.50 0.00	38.95 0.42 0.00	31.95 0.25 0.00	31.20 0.22 0.00	30.72 0.21 0.00	27.62 0.19 0.00
DOGLEVILLE___HYD 23807	22.35 0.52 0.00	20.78 0.49 0.00	19.94 0.47 0.00	19.78 0.46 0.00	20.76 0.51 0.00	22.46 0.55 0.00	30.13 0.74 0.00	33.71 0.79 0.00	32.48 0.70 0.00	30.54 0.60 0.00	31.37 0.56 0.00	31.24 0.46 0.00	30.44 0.51 0.00	30.13 0.53 0.00	30.57 0.57 0.00	31.77 0.62 0.00	40.09 0.98 0.00	47.57 1.20 0.00	43.13 1.05 0.00	39.49 0.96 0.00	32.49 0.79 0.00	31.67 0.68 0.00	31.27 0.76 0.00	28.09 0.66 0.00
DUNKIRK___115KV_TB_200 55889	20.98 -0.85 0.00	19.32 -0.97 0.00	18.50 -0.97 0.00	18.37 -0.95 0.00	19.24 -1.01 0.00	20.88 -1.03 0.00	28.75 -0.65 0.00	31.57 -1.35 0.00	31.15 -0.64 0.00	29.31 -0.63 0.00	30.29 -0.52 0.00	30.16 -0.62 0.00	29.25 -0.69 0.00	29.06 -0.53 0.00	29.28 -0.72 0.00	29.94 -1.21 0.00	38.68 -0.43 0.00	45.12 -1.25 0.00	40.86 -1.22 0.00	37.56 -0.96 0.00	31.03 -0.67 0.00	29.50 -1.49 0.00	29.50 -1.01 0.00	26.83 -0.60 0.00
DUNKIRK___1 23563	20.98 -0.85 0.00	19.32 -0.97 0.00	18.50 -0.97 0.00	18.37 -0.95 0.00	19.24 -1.01 0.00	20.88 -1.03 0.00	28.75 -0.65 0.00	31.57 -1.35 0.00	31.15 -0.64 0.00	29.31 -0.63 0.00	30.29 -0.52 0.00	30.16 -0.62 0.00	29.25 -0.69 0.00	29.06 -0.53 0.00	29.28 -0.72 0.00	29.94 -1.21 0.00	38.68 -0.43 0.00	45.12 -1.25 0.00	40.86 -1.22 0.00	37.56 -0.96 0.00	31.03 -0.67 0.00	29.50 -1.49 0.00	29.50 -1.01 0.00	26.83 -0.60 0.00
DUNKIRK___2 23564	20.98 -0.85 0.00	19.32 -0.97 0.00	18.50 -0.97 0.00	18.37 -0.95 0.00	19.24 -1.01 0.00	20.88 -1.03 0.00	28.75 -0.65 0.00	31.57 -1.35 0.00	31.15 -0.64 0.00	29.31 -0.63 0.00	30.29 -0.52 0.00	30.16 -0.62 0.00	29.25 -0.69 0.00	29.06 -0.53 0.00	29.28 -0.72 0.00	29.94 -1.21 0.00	38.68 -0.43 0.00	45.12 -1.25 0.00	40.86 -1.22 0.00	37.56 -0.96 0.00	31.03 -0.67 0.00	29.50 -1.49 0.00	29.50 -1.01 0.00	26.83 -0.60 0.00
DUNKIRK___3 23565	21.00 -0.83 0.00	19.36 -0.93 0.00	18.53 -0.93 0.00	18.37 -0.95 0.00	19.26 -0.99 0.00	20.91 -1.01 0.00	28.72 -0.68 0.00	31.54 -1.38 0.00	31.08 -0.70 0.00	29.25 -0.69 0.00	30.23 -0.59 0.00	30.10 -0.68 0.00	29.16 -0.78 0.00	28.97 -0.62 0.00	29.19 -0.81 0.00	29.84 -1.31 0.00	38.52 -0.59 0.00	44.98 -1.39 0.00	40.65 -1.43 0.00	37.41 -1.12 0.00	30.90 -0.79 0.00	29.41 -1.58 0.00	29.44 -1.07 0.00	26.75 -0.69 0.00
DUNKIRK___4 23566	20.96 -0.87 0.00	19.30 -0.99 0.00	18.48 -0.99 0.00	18.33 -0.99 0.00	19.22 -1.03 0.00	20.86 -1.05 0.00	28.69 -0.71 0.00	31.51 -1.42 0.00	31.08 -0.70 0.00	29.25 -0.69 0.00	30.23 -0.59 0.00	30.10 -0.68 0.00	29.16 -0.78 0.00	28.97 -0.62 0.00	29.19 -0.81 0.00	29.84 -1.31 0.00	38.52 -0.59 0.00	44.98 -1.39 0.00	40.69 -1.39 0.00	37.41 -1.12 0.00	30.90 -0.79 0.00	29.41 -1.58 0.00	29.41 -1.10 0.00	26.75 -0.69 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	22.92 1.09 0.00	21.26 0.97 0.00	20.42 0.95 0.00	20.22 0.91 0.00	21.16 0.91 0.00	22.88 0.96 0.00	30.75 1.35 0.00	35.03 2.11 0.00	33.72 1.94 0.00	31.86 1.92 0.00	32.54 1.73 0.00	32.56 1.79 0.00	31.76 1.83 0.00	31.31 1.72 0.00	31.83 1.83 0.00	33.05 1.90 0.00	42.01 2.89 0.00	50.27 3.90 0.00	45.11 3.03 0.00	41.30 2.77 0.00	33.54 1.84 0.00	32.78 1.80 0.00	32.19 1.68 0.00	28.94 1.51 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	22.79 0.96 0.00	21.14 0.85 0.00	20.29 0.82 0.00	20.09 0.77 0.00	21.04 0.79 0.00	22.77 0.85 0.00	30.57 1.18 0.00	34.64 1.71 0.00	33.34 1.56 0.00	31.47 1.53 0.00	32.20 1.39 0.00	32.16 1.39 0.00	31.37 1.44 0.00	30.92 1.33 0.00	31.44 1.44 0.00	32.71 1.56 0.00	41.54 2.42 0.00	49.71 3.34 0.00	44.69 2.61 0.00	40.87 2.35 0.00	33.25 1.55 0.00	32.51 1.52 0.00	31.88 1.37 0.00	28.69 1.26 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	23.23 1.40 0.00	21.45 1.16 0.00	20.64 1.17 0.00	20.42 1.10 0.00	21.33 1.07 0.00	22.99 1.07 0.00	30.66 1.26 0.00	34.87 1.94 0.00	33.56 1.78 0.00	31.74 1.80 0.00	32.41 1.60 0.00	32.44 1.66 0.00	31.67 1.74 0.00	31.22 1.63 0.00	31.74 1.74 0.00	32.93 1.78 0.00	41.77 2.66 0.00	49.99 3.62 0.00	44.90 2.82 0.00	41.07 2.54 0.00	33.31 1.62 0.00	32.60 1.61 0.00	32.25 1.74 0.00	29.36 1.92 -0.01
E179THST_13_KV_LOAD 356214	23.32 1.48 0.00	21.53 1.24 0.00	20.70 1.23 0.00	20.48 1.16 0.00	21.39 1.13 0.00	23.05 1.14 0.00	30.78 1.38 0.00	35.00 2.07 0.00	33.72 1.94 0.00	31.89 1.95 0.00	32.57 1.76 0.00	32.56 1.79 0.00	31.79 1.86 0.00	31.37 1.78 0.00	31.89 1.89 0.00	33.05 1.90 0.00	42.01 2.89 0.00	50.22 3.85 0.00	45.11 3.03 0.00	41.26 2.74 0.00	33.47 1.78 0.00	32.75 1.77 0.00	32.37 1.86 0.00	29.47 2.03 -0.01
EAST HAMPTON___GT 23717	26.00 2.66 -1.51	24.35 2.45 -1.60	24.24 2.35 -2.42	24.52 2.32 -2.89	25.75 2.39 -3.11	28.10 2.52 -3.67	38.61 3.32 -5.89	42.55 4.41 -5.21	39.93 3.97 -4.18	33.62 3.68 0.00	34.29 3.48 0.00	34.32 3.54 0.00	38.42 3.56 -4.93	38.36 3.46 -5.31	39.90 3.66 -6.24	41.59 3.74 -6.70	52.62 5.43 -8.07	68.11 7.00 -14.74	58.44 5.72 -10.64	54.55 5.32 -10.71	45.25 4.06 -9.49	42.43 3.53 -7.91	38.06 3.54 -4.01	33.21 3.26 -2.52
EAST RIVER___6 23660	23.01 1.18 0.00	21.32 1.03 0.00	20.50 1.03 0.00	20.28 0.97 0.00	21.20 0.95 0.00	22.77 0.85 0.00	30.72 1.32 0.00	35.13 2.21 0.00	33.82 2.04 0.00	31.98 2.04 0.00	32.63 1.82 0.00	32.66 1.88 0.00	31.79 1.86 0.00	31.40 1.81 0.00	31.92 1.92 0.00	33.05 1.90 0.00	42.16 3.05 0.00	50.40 4.03 0.00	45.19 3.11 0.00	41.37 2.85 0.00	33.73 2.03 0.00	32.60 1.61 0.00	32.34 1.83 0.00	29.05 1.62 0.00
EAST RIVER___7 23524	23.01 1.18 0.00	21.32 1.03 0.00	20.50 1.03 0.00	20.28 0.97 0.00	21.20 0.95 0.00	22.77 0.85 0.00	30.72 1.32 0.00	35.13 2.21 0.00	33.82 2.04 0.00	31.98 2.04 0.00	32.63 1.82 0.00	32.66 1.88 0.00	31.79 1.86 0.00	31.40 1.81 0.00	31.92 1.92 0.00	33.05 1.90 0.00	42.16 3.05 0.00	50.40 4.03 0.00	45.19 3.11 0.00	41.37 2.85 0.00	33.73 2.03 0.00	32.60 1.61 0.00	32.34 1.83 0.00	29.05 1.62 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	22.90 1.07 0.00	21.24 0.95 0.00	20.40 0.93 0.00	20.21 0.89 0.00	21.14 0.89 0.00	22.86 0.94 0.00	30.69 1.29 0.00	34.97 2.04 0.00	33.66 1.88 0.00	31.77 1.83 0.00	32.47 1.66 0.00	32.47 1.69 0.00	31.67 1.74 0.00	31.22 1.63 0.00	31.74 1.74 0.00	32.99 1.84 0.00	41.89 2.78 0.00	50.13 3.76 0.00	45.02 2.95 0.00	41.18 2.66 0.00	33.47 1.78 0.00	32.72 1.74 0.00	32.13 1.62 0.00	28.89 1.45 0.00
EAST_HAMPTON___DIESEL 23722	26.02 2.68 -1.51	24.37 2.47 -1.60	24.26 2.37 -2.42	24.52 2.32 -2.89	25.77 2.41 -3.11	28.10 2.52 -3.67	38.61 3.32 -5.89	42.55 4.41 -5.21	39.96 4.00 -4.18	33.62 3.68 0.00	34.29 3.48 0.00	34.32 3.54 0.00	38.42 3.56 -4.93	38.39 3.49 -5.31	39.90 3.66 -6.24	41.62 3.77 -6.70	52.62 5.43 -8.07	68.11 7.00 -14.74	58.48 5.77 -10.64	54.55 5.32 -10.71	45.25 4.06 -9.49	42.43 3.53 -7.91	38.06 3.54 -4.01	33.24 3.29 -2.52
EAST_PULASKI___ESR 323781	21.44 -0.39 0.00	19.90 -0.39 0.00	19.06 -0.41 0.00	18.93 -0.39 0.00	19.87 -0.38 0.00	21.56 -0.35 0.00	28.96 -0.44 0.00	32.30 -0.63 0.00	31.21 -0.57 0.00	29.40 -0.54 0.00	30.38 -0.43 0.00	30.29 -0.49 0.00	29.40 -0.54 0.00	29.12 -0.47 0.00	29.52 -0.48 0.00	30.71 -0.44 0.00	38.84 -0.27 0.00	46.14 -0.23 0.00	41.83 -0.25 0.00	38.25 -0.27 0.00	31.41 -0.29 0.00	30.49 -0.50 0.00	30.02 -0.49 0.00	26.99 -0.44 0.00
EAST_RIVER___1 323558	23.03 1.20 0.00	21.34 1.05 0.00	20.50 1.03 0.00	20.30 0.98 0.00	21.22 0.97 0.00	22.83 0.92 0.00	30.78 1.38 0.00	35.16 2.24 0.00	33.82 2.04 0.00	31.95 2.01 0.00	32.63 1.82 0.00	32.66 1.88 0.00	31.79 1.86 0.00	31.40 1.81 0.00	31.92 1.92 0.00	33.05 1.90 0.00	42.12 3.01 0.00	50.36 3.99 0.00	45.15 3.07 0.00	41.37 2.85 0.00	33.76 2.06 0.00	32.66 1.67 0.00	32.40 1.89 0.00	29.10 1.67 0.00
EAST_RIVER___2 323559	23.01 1.18 0.00	21.32 1.03 0.00	20.50 1.03 0.00	20.28 0.97 0.00	21.20 0.95 0.00	22.77 0.85 0.00	30.72 1.32 0.00	35.13 2.21 0.00	33.82 2.04 0.00	31.98 2.04 0.00	32.63 1.82 0.00	32.66 1.88 0.00	31.79 1.86 0.00	31.40 1.81 0.00	31.92 1.92 0.00	33.05 1.90 0.00	42.16 3.05 0.00	50.40 4.03 0.00	45.19 3.11 0.00	41.37 2.85 0.00	33.73 2.03 0.00	32.60 1.61 0.00	32.34 1.83 0.00	29.05 1.62 0.00
EAST___DELAWARE_HYD 23607	22.88 1.05 0.00	21.22 0.93 0.00	20.37 0.90 0.00	20.15 0.83 0.00	21.10 0.85 0.00	22.81 0.90 0.00	30.72 1.32 0.00	34.70 1.78 0.00	33.37 1.59 0.00	31.53 1.59 0.00	32.23 1.42 0.00	32.20 1.42 0.00	31.31 1.38 0.00	30.93 1.33 0.00	31.47 1.47 0.00	32.74 1.59 0.00	41.69 2.58 0.00	49.99 3.62 0.00	44.98 2.90 0.00	41.14 2.62 0.00	33.63 1.93 0.00	32.51 1.52 0.00	32.07 1.56 0.00	28.83 1.40 0.00
EIGHT_POINT___WT_PWR 323820	21.33 -0.50 0.00	19.68 -0.61 0.00	18.81 -0.66 0.00	18.66 -0.66 0.00	19.58 -0.67 0.00	21.48 -0.44 0.00	29.19 -0.20 0.00	32.23 -0.69 0.00	31.59 -0.19 0.00	29.73 -0.21 0.00	30.72 -0.09 0.00	30.53 -0.25 0.00	29.69 -0.24 0.00	29.39 -0.21 0.00	29.67 -0.33 0.00	30.78 -0.37 0.00	39.27 0.16 0.00	46.37 0.00 0.00	42.00 -0.08 0.00	38.64 0.12 0.00	32.14 0.44 0.00	30.89 -0.09 0.00	30.21 -0.31 0.00	27.38 -0.05 0.00
ELBRIDGE_115KV_TB2 80188	21.61 -0.22 0.00	20.05 -0.24 0.00	19.22 -0.25 0.00	19.07 -0.25 0.00	20.01 -0.24 0.00	21.67 -0.24 0.00	29.19 -0.21 0.00	32.53 -0.40 0.00	31.50 -0.29 0.00	29.67 -0.27 0.00	30.63 -0.18 0.00	30.53 -0.25 0.00	29.66 -0.27 0.00	29.36 -0.24 0.00	29.67 -0.33 0.00	30.81 -0.34 0.00	38.99 -0.12 0.00	46.23 -0.14 0.00	41.87 -0.21 0.00	38.33 -0.19 0.00	31.44 -0.25 0.00	30.52 -0.46 0.00	30.08 -0.43 0.00	27.10 -0.33 0.00
ELEC_TRO_TEK 24086	24.80 1.46 -1.51	23.11 1.30 -1.52	23.07 1.27 -2.34	23.34 1.22 -2.80	24.51 1.24 -3.03	26.90 1.31 -3.67	37.11 1.82 -5.89	40.77 2.63 -5.21	38.41 2.45 -4.18	32.28 2.34 0.00	32.97 2.16 0.00	33.03 2.25 0.00	37.17 2.30 -4.93	37.09 2.19 -5.31	38.55 2.31 -6.24	40.28 2.43 -6.70	50.70 3.52 -8.07	65.74 4.64 -14.74	56.42 3.70 -10.64	52.63 3.39 -10.71	43.53 2.35 -9.49	41.19 2.29 -7.91	36.69 2.17 -4.01	31.90 1.95 -2.52
ELLENBURG_WT_PWR 323604	21.79 -0.04 0.00	20.49 0.20 0.00	19.76 0.29 0.00	19.66 0.35 0.00	20.41 0.16 0.00	22.13 0.22 0.00	29.25 -0.15 0.00	32.50 -0.43 0.00	31.08 -0.70 0.00	28.92 -1.02 0.00	29.73 -1.08 0.00	29.64 -1.14 0.00	28.71 -1.23 0.00	28.35 -1.24 0.00	28.86 -1.14 0.00	30.06 -1.09 0.00	37.35 -1.76 0.00	43.68 -2.69 0.00	40.06 -2.02 0.00	37.52 -1.00 0.00	31.16 -0.54 0.00	30.96 -0.03 0.00	30.54 0.03 0.00	27.82 0.38 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	20.74 -1.09 0.00	19.13 -1.16 0.00	18.32 -1.15 0.00	18.16 -1.16 0.00	19.06 -1.19 0.00	20.66 -1.25 0.00	28.34 -1.06 0.00	31.05 -1.88 0.00	30.67 -1.11 0.00	28.86 -1.08 0.00	29.79 -1.02 0.00	29.70 -1.08 0.00	28.77 -1.17 0.00	28.59 -1.01 0.00	28.77 -1.23 0.00	29.37 -1.78 0.00	37.86 -1.25 0.00	44.01 -2.36 0.00	39.89 -2.19 0.00	36.64 -1.89 0.00	30.33 -1.36 0.00	28.82 -2.17 0.00	28.92 -1.59 0.00	26.36 -1.07 0.00
EMPIRE_CC_1 323656	22.18 0.35 0.00	20.67 0.38 0.00	19.84 0.37 0.00	19.66 0.35 0.00	20.68 0.43 0.00	22.26 0.35 0.00	29.78 0.38 0.00	33.55 0.62 0.00	32.39 0.60 0.00	30.45 0.51 0.00	31.33 0.52 0.00	31.33 0.55 0.00	30.53 0.60 0.00	30.22 0.62 0.00	30.63 0.63 0.00	31.90 0.75 0.00	40.20 1.09 0.00	47.99 1.62 0.00	43.43 1.35 0.00	39.56 1.04 0.00	32.49 0.79 0.00	31.70 0.71 0.00	31.18 0.67 0.00	27.98 0.55 0.00
EMPIRE_CC_2 323658	22.18 0.35 0.00	20.67 0.38 0.00	19.84 0.37 0.00	19.66 0.35 0.00	20.68 0.43 0.00	22.26 0.35 0.00	29.78 0.38 0.00	33.55 0.62 0.00	32.39 0.60 0.00	30.45 0.51 0.00	31.33 0.52 0.00	31.33 0.55 0.00	30.53 0.60 0.00	30.22 0.62 0.00	30.63 0.63 0.00	31.90 0.75 0.00	40.20 1.09 0.00	47.99 1.62 0.00	43.43 1.35 0.00	39.56 1.04 0.00	32.49 0.79 0.00	31.70 0.71 0.00	31.18 0.67 0.00	27.98 0.55 0.00
ENORWICH_115KV_TB1 80156	23.51 1.68 0.00	21.85 1.56 0.00	20.85 1.38 0.00	20.73 1.41 0.00	21.75 1.50 0.00	23.73 1.82 0.00	32.13 2.73 0.00	35.99 3.06 0.00	34.74 2.96 0.00	32.60 2.66 0.00	33.52 2.71 0.00	33.27 2.49 0.00	32.39 2.45 0.00	32.11 2.52 0.00	32.67 2.67 0.00	34.14 2.99 0.00	43.57 4.46 0.00	52.03 5.66 0.00	47.09 5.01 0.00	43.15 4.62 0.00	35.28 3.58 0.00	34.06 3.07 0.00	33.56 3.05 0.00	30.01 2.58 0.00
ERIE_ST__34_KV_TB1-2 80199	21.20 -0.63 0.00	19.56 -0.73 0.00	18.73 -0.74 0.00	18.54 -0.77 0.00	19.46 -0.79 0.00	21.13 -0.79 0.00	29.02 -0.38 0.00	31.87 -1.05 0.00	31.43 -0.35 0.00	29.55 -0.39 0.00	30.53 -0.28 0.00	30.41 -0.37 0.00	29.49 -0.45 0.00	29.30 -0.30 0.00	29.49 -0.51 0.00	30.12 -1.03 0.00	38.88 -0.23 0.00	45.35 -1.02 0.00	40.99 -1.09 0.00	37.68 -0.85 0.00	31.13 -0.57 0.00	29.62 -1.36 0.00	29.66 -0.85 0.00	26.96 -0.47 0.00
ERIE_WT_PWR 323693	20.92 -0.92 0.00	19.30 -0.99 0.00	18.48 -0.99 0.00	18.33 -0.98 0.00	19.22 -1.03 0.00	21.17 -0.75 0.00	28.72 -0.67 0.00	31.38 -1.55 0.00	30.99 -0.79 0.00	29.13 -0.81 0.00	30.10 -0.71 0.00	29.98 -0.80 0.00	29.25 -0.69 0.00	28.88 -0.71 0.00	29.07 -0.93 0.00	30.00 -1.15 0.00	38.29 -0.82 0.00	44.61 -1.76 0.00	40.39 -1.68 0.00	37.10 -1.42 0.00	31.00 -0.70 0.00	29.81 -1.18 0.00	29.08 -1.43 0.00	26.55 -0.88 0.00
ESPRGFLD_115KV_TB1 80157	22.77 0.94 0.00	21.14 0.85 0.00	20.25 0.78 0.00	20.09 0.77 0.00	21.12 0.87 0.00	22.99 1.07 0.00	30.96 1.56 0.00	34.83 1.91 0.00	33.66 1.88 0.00	31.62 1.68 0.00	32.51 1.69 0.00	32.41 1.63 0.00	31.55 1.62 0.00	31.25 1.66 0.00	31.80 1.80 0.00	33.02 1.87 0.00	41.93 2.82 0.00	49.99 3.62 0.00	45.19 3.11 0.00	41.33 2.81 0.00	33.76 2.06 0.00	32.85 1.86 0.00	32.25 1.74 0.00	28.89 1.45 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	22.22 0.39 0.00	20.61 0.32 0.00	19.74 0.27 0.00	19.59 0.27 0.00	20.56 0.30 0.00	22.31 0.39 0.00	30.16 0.76 0.00	33.71 0.79 0.00	32.64 0.86 0.00	30.69 0.75 0.00	31.67 0.86 0.00	31.55 0.77 0.00	30.65 0.72 0.00	30.33 0.74 0.00	30.72 0.72 0.00	31.93 0.78 0.00	40.52 1.41 0.00	48.18 1.81 0.00	43.59 1.51 0.00	39.91 1.39 0.00	32.71 1.01 0.00	31.67 0.68 0.00	31.21 0.70 0.00	28.06 0.63 0.00
ETNA____115KV_TB2 80207	22.22 0.39 0.00	20.61 0.32 0.00	19.74 0.27 0.00	19.59 0.27 0.00	20.56 0.30 0.00	22.31 0.39 0.00	30.16 0.76 0.00	33.71 0.79 0.00	32.64 0.86 0.00	30.69 0.75 0.00	31.67 0.86 0.00	31.55 0.77 0.00	30.65 0.72 0.00	30.33 0.74 0.00	30.72 0.72 0.00	31.93 0.78 0.00	40.52 1.41 0.00	48.18 1.81 0.00	43.59 1.51 0.00	39.91 1.39 0.00	32.71 1.01 0.00	31.67 0.68 0.00	31.21 0.70 0.00	28.06 0.63 0.00
EUCLID___115KV_TB2 356179	21.48 -0.35 0.00	19.92 -0.37 0.00	19.10 -0.37 0.00	18.95 -0.37 0.00	19.89 -0.36 0.00	21.54 -0.37 0.00	28.99 -0.41 0.00	32.27 -0.66 0.00	31.21 -0.57 0.00	29.40 -0.54 0.00	30.35 -0.46 0.00	30.29 -0.49 0.00	29.43 -0.51 0.00	29.12 -0.47 0.00	29.43 -0.57 0.00	30.56 -0.59 0.00	38.64 -0.47 0.00	45.81 -0.56 0.00	41.49 -0.59 0.00	37.98 -0.54 0.00	31.16 -0.54 0.00	30.27 -0.71 0.00	29.84 -0.67 0.00	26.88 -0.55 0.00
E_CANADA_CAP_HY 24051	22.84 1.00 0.00	21.20 0.91 0.00	20.31 0.84 0.00	20.17 0.85 0.00	21.22 0.97 0.00	23.10 1.18 0.00	31.01 1.62 0.00	34.93 2.01 0.00	33.75 1.97 0.00	31.65 1.71 0.00	32.54 1.72 0.00	32.50 1.72 0.00	31.64 1.71 0.00	31.40 1.81 0.00	31.95 1.95 0.00	33.17 2.02 0.00	42.08 2.97 0.00	50.31 3.94 0.00	45.45 3.37 0.00	41.45 2.93 0.00	34.01 2.31 0.00	33.10 2.11 0.00	32.40 1.89 0.00	28.97 1.54 0.00
E_CANADA_MHWK_HY 24050	22.35 0.52 0.00	20.78 0.49 0.00	19.94 0.47 0.00	19.78 0.46 0.00	20.76 0.51 0.00	22.46 0.55 0.00	30.13 0.74 0.00	33.71 0.79 0.00	32.48 0.70 0.00	30.54 0.60 0.00	31.37 0.56 0.00	31.24 0.46 0.00	30.44 0.51 0.00	30.13 0.53 0.00	30.57 0.57 0.00	31.77 0.62 0.00	40.09 0.98 0.00	47.57 1.20 0.00	43.13 1.05 0.00	39.49 0.96 0.00	32.49 0.79 0.00	31.67 0.68 0.00	31.27 0.76 0.00	28.09 0.66 0.00
E_FISHKILL___LBMP 23776	22.75 0.92 0.00	21.12 0.83 0.00	20.29 0.82 0.00	20.09 0.77 0.00	21.04 0.79 0.00	22.75 0.83 0.00	30.52 1.12 0.00	34.67 1.74 0.00	33.37 1.59 0.00	31.50 1.56 0.00	32.20 1.39 0.00	32.23 1.45 0.00	31.40 1.47 0.00	30.98 1.39 0.00	31.47 1.47 0.00	32.74 1.59 0.00	41.54 2.42 0.00	49.66 3.29 0.00	44.65 2.57 0.00	40.83 2.31 0.00	33.22 1.52 0.00	32.51 1.52 0.00	31.88 1.37 0.00	28.67 1.23 0.00
FALCON___SEABRD_CC1 323796	22.09 0.26 0.00	20.76 0.47 0.00	20.01 0.54 0.00	19.90 0.58 0.00	20.70 0.45 0.00	22.42 0.50 0.00	29.49 0.09 0.00	32.73 -0.20 0.00	31.27 -0.51 0.00	29.10 -0.84 0.00	29.92 -0.89 0.00	29.83 -0.95 0.00	28.86 -1.08 0.00	28.50 -1.09 0.00	29.01 -0.99 0.00	30.25 -0.90 0.00	37.55 -1.57 0.00	43.63 -2.74 0.00	40.02 -2.06 0.00	37.75 -0.77 0.00	31.35 -0.35 0.00	31.14 0.16 0.00	30.73 0.22 0.00	28.14 0.71 0.00
FALCON___SEABRD_CC2 323797	22.09 0.26 0.00	20.76 0.47 0.00	20.01 0.54 0.00	19.90 0.58 0.00	20.70 0.45 0.00	22.42 0.50 0.00	29.49 0.09 0.00	32.73 -0.20 0.00	31.27 -0.51 0.00	29.10 -0.84 0.00	29.92 -0.89 0.00	29.83 -0.95 0.00	28.86 -1.08 0.00	28.50 -1.09 0.00	29.01 -0.99 0.00	30.25 -0.90 0.00	37.55 -1.57 0.00	43.63 -2.74 0.00	40.02 -2.06 0.00	37.75 -0.77 0.00	31.35 -0.35 0.00	31.14 0.16 0.00	30.73 0.22 0.00	28.14 0.71 0.00

FAR ROCKAWAY___4 23548	25.04 1.70 -1.51	23.33 1.52 -1.51	23.26 1.46 -2.33	23.52 1.41 -2.79	24.73 1.46 -3.02	27.16 1.58 -3.67	37.49 2.20 -5.89	41.23 3.09 -5.21	38.82 2.86 -4.18	32.66 2.72 0.00	33.37 2.56 0.00	33.43 2.65 0.00	37.56 2.69 -4.93	37.45 2.55 -5.31	38.94 2.70 -6.24	40.69 2.83 -6.70	50.94 3.75 -8.07	66.07 4.96 -14.74	56.76 4.04 -10.64	52.93 3.70 -10.71	43.79 2.60 -9.49	41.68 2.79 -7.91	37.12 2.59 -4.01	32.28 2.33 -2.52
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	23.03 1.20 0.00	21.35 1.06 0.00	20.52 1.05 0.00	20.30 0.99 0.00	21.25 0.99 0.00	22.94 1.03 0.00	30.84 1.44 0.00	35.20 2.27 0.00	33.85 2.07 0.00	32.01 2.07 0.00	32.66 1.85 0.00	32.69 1.91 0.00	31.88 1.95 0.00	31.43 1.83 0.00	31.95 1.95 0.00	33.18 2.02 0.00	42.16 3.05 0.00	50.40 4.03 0.00	45.19 3.11 0.00	41.45 2.93 0.00	33.60 1.90 0.00	32.91 1.92 0.00	32.34 1.83 0.00	29.10 1.67 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	23.03 1.20 0.00	21.35 1.06 0.00	20.52 1.05 0.00	20.30 0.99 0.00	21.25 0.99 0.00	22.94 1.03 0.00	30.84 1.44 0.00	35.20 2.27 0.00	33.85 2.07 0.00	31.98 2.04 0.00	32.66 1.85 0.00	32.66 1.88 0.00	31.88 1.95 0.00	31.43 1.83 0.00	31.95 1.95 0.00	33.18 2.02 0.00	42.16 3.05 0.00	50.40 4.03 0.00	45.19 3.11 0.00	41.41 2.89 0.00	33.60 1.90 0.00	32.88 1.89 0.00	32.34 1.83 0.00	29.10 1.67 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	23.01 1.18 0.00	21.32 1.03 0.00	20.50 1.03 0.00	20.28 0.97 0.00	21.22 0.97 0.00	22.92 1.01 0.00	30.81 1.41 0.00	35.16 2.24 0.00	33.82 2.03 0.00	31.95 2.01 0.00	32.63 1.82 0.00	32.63 1.85 0.00	31.85 1.92 0.00	31.40 1.81 0.00	31.92 1.92 0.00	33.14 1.99 0.00	42.12 3.01 0.00	50.36 3.99 0.00	45.15 3.07 0.00	41.37 2.85 0.00	33.57 1.87 0.00	32.85 1.86 0.00	32.28 1.77 0.00	29.08 1.65 0.00
FARRAGUT___LBMP 323566	23.01 1.18 0.00	21.32 1.03 0.00	20.50 1.03 0.00	20.28 0.97 0.00	21.22 0.97 0.00	22.92 1.01 0.00	30.78 1.38 0.00	35.13 2.21 0.00	33.79 2.00 0.00	31.92 1.98 0.00	32.60 1.79 0.00	32.63 1.85 0.00	31.82 1.89 0.00	31.37 1.78 0.00	31.89 1.89 0.00	33.11 1.96 0.00	42.08 2.97 0.00	50.31 3.94 0.00	45.11 3.03 0.00	41.33 2.81 0.00	33.54 1.84 0.00	32.85 1.86 0.00	32.28 1.77 0.00	29.05 1.62 0.00
FENNER___WINDPWR 24204	22.22 0.39 0.00	20.63 0.34 0.00	19.78 0.31 0.00	19.63 0.31 0.00	20.60 0.34 0.00	22.42 0.50 0.00	30.13 0.74 0.00	33.71 0.79 0.00	32.58 0.79 0.00	30.69 0.75 0.00	31.64 0.83 0.00	31.55 0.77 0.00	30.68 0.75 0.00	30.36 0.77 0.00	30.81 0.81 0.00	32.05 0.90 0.00	40.52 1.41 0.00	48.09 1.72 0.00	43.55 1.47 0.00	39.83 1.31 0.00	32.74 1.04 0.00	31.79 0.80 0.00	31.24 0.73 0.00	28.03 0.60 0.00
FIBERTEK___ENERGY 23856	21.74 -0.09 0.00	20.15 -0.14 0.00	19.31 -0.16 0.00	19.18 -0.14 0.00	20.11 -0.14 0.00	21.80 -0.11 0.00	29.34 -0.06 0.00	32.69 -0.23 0.00	31.62 -0.16 0.00	29.79 -0.15 0.00	30.78 -0.03 0.00	30.69 -0.09 0.00	29.81 -0.12 0.00	29.50 -0.09 0.00	29.82 -0.18 0.00	30.96 -0.19 0.00	39.19 0.08 0.00	46.51 0.14 0.00	42.08 0.00 0.00	38.52 0.00 0.00	31.60 -0.10 0.00	30.71 -0.28 0.00	30.24 -0.27 0.00	27.24 -0.19 0.00
FITZPATRICK___ 23598	21.20 -0.63 0.00	19.66 -0.63 0.00	18.87 -0.60 0.00	18.72 -0.60 0.00	19.62 -0.63 0.00	21.30 -0.61 0.00	28.58 -0.82 0.00	31.77 -1.15 0.00	30.70 -1.08 0.00	28.92 -1.02 0.00	29.86 -0.96 0.00	29.79 -0.99 0.00	28.98 -0.96 0.00	28.65 -0.95 0.00	28.98 -1.02 0.00	30.09 -1.06 0.00	37.94 -1.17 0.00	44.98 -1.39 0.00	40.77 -1.30 0.00	37.33 -1.19 0.00	30.71 -0.98 0.00	29.90 -1.09 0.00	29.38 -1.13 0.00	26.42 -1.01 0.00
FLOWRFLD_69_KV_BK1 356044	25.35 2.01 -1.51	23.80 1.91 -1.60	23.76 1.87 -2.42	24.05 1.85 -2.88	25.18 1.82 -3.11	27.47 1.88 -3.67	37.79 2.50 -5.89	41.43 3.29 -5.21	39.01 3.05 -4.18	32.81 2.87 0.00	33.49 2.68 0.00	33.55 2.77 0.00	37.77 2.90 -4.93	37.69 2.78 -5.31	39.09 2.85 -6.24	40.72 2.87 -6.70	51.33 4.15 -8.07	66.39 5.29 -14.74	56.97 4.25 -10.64	53.24 4.01 -10.71	44.04 2.85 -9.49	41.59 2.70 -7.91	37.27 2.75 -4.01	32.50 2.55 -2.52
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	22.97 1.14 0.00	21.32 1.03 0.00	20.46 0.99 0.00	20.24 0.93 0.00	21.20 0.95 0.00	22.94 1.03 0.00	30.81 1.41 0.00	34.90 1.98 0.00	33.59 1.81 0.00	31.71 1.77 0.00	32.44 1.63 0.00	32.41 1.63 0.00	31.58 1.65 0.00	31.16 1.57 0.00	31.68 1.68 0.00	32.99 1.84 0.00	41.89 2.78 0.00	50.17 3.80 0.00	45.15 3.07 0.00	41.26 2.74 0.00	33.57 1.87 0.00	32.82 1.83 0.00	32.13 1.62 0.00	28.91 1.48 0.00
FORT ORANGE___ 23900	22.16 0.33 0.00	20.66 0.37 0.00	19.84 0.37 0.00	19.68 0.37 0.00	20.66 0.40 0.00	22.26 0.35 0.00	29.84 0.44 0.00	33.58 0.66 0.00	32.42 0.64 0.00	30.51 0.57 0.00	31.33 0.52 0.00	31.33 0.55 0.00	30.50 0.57 0.00	30.18 0.59 0.00	30.60 0.60 0.00	31.90 0.75 0.00	40.28 1.17 0.00	48.09 1.72 0.00	43.51 1.43 0.00	39.68 1.15 0.00	32.58 0.89 0.00	31.70 0.71 0.00	31.15 0.64 0.00	27.98 0.55 0.00
FORT_DRUM_COGEN 23780	21.42 -0.41 0.00	19.92 -0.37 0.00	19.04 -0.43 0.00	18.95 -0.37 0.00	19.91 -0.34 0.00	21.65 -0.26 0.00	29.07 -0.32 0.00	32.50 -0.43 0.00	31.31 -0.48 0.00	29.49 -0.45 0.00	30.44 -0.37 0.00	30.35 -0.43 0.00	29.43 -0.51 0.00	29.24 -0.36 0.00	29.82 -0.18 0.00	31.15 0.00 0.00	39.58 0.47 0.00	47.16 0.79 0.00	42.79 0.72 0.00	39.18 0.65 0.00	32.14 0.44 0.00	31.14 0.15 0.00	30.60 0.09 0.00	27.35 -0.08 0.00
FOX_HILLS___ESR 323835	23.38 1.55 0.00	21.65 1.36 0.00	20.81 1.34 0.00	20.59 1.27 0.00	21.53 1.28 0.00	23.01 1.10 0.00	30.66 1.26 0.00	34.80 1.88 0.00	33.50 1.72 0.00	31.71 1.77 0.00	32.38 1.57 0.00	32.38 1.60 0.00	31.61 1.68 0.00	31.16 1.57 0.00	31.71 1.71 0.00	32.86 1.71 0.00	41.89 2.78 0.00	50.22 3.85 0.00	45.07 2.99 0.00	41.22 2.70 0.00	33.31 1.62 0.00	32.57 1.58 0.00	32.34 1.83 0.00	29.30 1.87 -0.01
FPL_FAR_ROCK_GT1 24212	25.04 1.70 -1.51	23.33 1.52 -1.51	23.26 1.46 -2.33	23.52 1.41 -2.79	24.73 1.46 -3.02	27.09 1.51 -3.67	37.46 2.18 -5.89	41.23 3.09 -5.21	38.82 2.86 -4.18	32.66 2.72 0.00	33.37 2.56 0.00	33.43 2.65 0.00	37.50 2.63 -4.93	37.45 2.55 -5.31	38.94 2.70 -6.24	40.62 2.77 -6.70	50.94 3.76 -8.07	66.07 4.96 -14.74	56.76 4.04 -10.64	52.93 3.70 -10.71	44.30 3.11 -9.49	41.53 2.63 -7.91	37.21 2.69 -4.01	32.31 2.36 -2.52
FPL_FAR_ROCK_GT2 23815	25.04 1.70 -1.51	23.33 1.52 -1.51	23.26 1.46 -2.33	23.52 1.41 -2.79	24.73 1.46 -3.02	27.09 1.51 -3.67	37.46 2.18 -5.89	41.23 3.09 -5.21	38.82 2.86 -4.18	32.66 2.72 0.00	33.37 2.56 0.00	33.43 2.65 0.00	37.50 2.63 -4.93	37.45 2.55 -5.31	38.94 2.70 -6.24	40.62 2.77 -6.70	50.94 3.76 -8.07	66.07 4.96 -14.74	56.76 4.04 -10.64	52.93 3.70 -10.71	44.30 3.11 -9.49	41.53 2.63 -7.91	37.21 2.69 -4.01	32.31 2.36 -2.52

FRANKLIN_FALL_HYD 24054	21.98 0.15 0.00	20.61 0.32 0.00	19.84 0.37 0.00	19.74 0.42 0.00	20.56 0.30 0.00	22.26 0.35 0.00	29.57 0.18 0.00	32.83 -0.10 0.00	31.47 -0.32 0.00	29.37 -0.57 0.00	30.23 -0.59 0.00	30.19 -0.58 0.00	29.25 -0.69 0.00	28.91 -0.68 0.00	29.40 -0.60 0.00	30.59 -0.56 0.00	37.94 -1.17 0.00	44.56 -1.81 0.00	40.86 -1.22 0.00	38.02 -0.50 0.00	31.76 0.06 0.00	31.24 0.25 0.00	30.79 0.27 0.00	27.49 0.05 0.00
FREEPORT_EQUS_GT1 23764	25.00 1.66 -1.51	23.34 1.50 -1.55	23.29 1.46 -2.36	23.55 1.41 -2.83	24.74 1.44 -3.05	27.05 1.47 -3.67	37.37 2.09 -5.89	41.07 2.93 -5.21	38.69 2.73 -4.18	32.54 2.60 0.00	33.24 2.43 0.00	33.30 2.52 0.00	37.35 2.48 -4.93	37.33 2.43 -5.31	38.79 2.55 -6.24	40.47 2.62 -6.70	51.10 3.91 -8.07	66.21 5.10 -14.74	56.84 4.13 -10.64	53.01 3.78 -10.71	44.04 2.85 -9.49	41.31 2.42 -7.91	37.05 2.53 -4.01	32.20 2.25 -2.52
FREEPORT___CT2 23818	25.00 1.66 -1.51	23.34 1.50 -1.55	23.29 1.46 -2.36	23.55 1.41 -2.83	24.74 1.44 -3.05	27.05 1.47 -3.67	37.37 2.09 -5.89	41.07 2.93 -5.21	38.69 2.73 -4.18	32.54 2.60 0.00	33.24 2.43 0.00	33.30 2.52 0.00	37.35 2.48 -4.93	37.33 2.43 -5.31	38.79 2.55 -6.24	40.47 2.62 -6.70	51.10 3.91 -8.07	66.21 5.10 -14.74	56.84 4.13 -10.64	53.01 3.78 -10.71	44.04 2.85 -9.49	41.31 2.42 -7.91	37.05 2.53 -4.01	32.20 2.25 -2.52
FRESHKLS_33_KV_LOAD 356253	23.36 1.53 0.00	21.65 1.36 0.00	20.79 1.32 0.00	20.59 1.27 0.00	21.53 1.28 0.00	22.99 1.07 0.00	30.63 1.23 0.00	34.74 1.81 0.00	33.44 1.65 0.00	31.65 1.71 0.00	32.29 1.48 0.00	32.32 1.54 0.00	31.55 1.62 0.00	31.10 1.51 0.00	31.65 1.65 0.00	32.80 1.65 0.00	41.81 2.70 0.00	50.08 3.71 0.00	44.94 2.86 0.00	41.14 2.62 0.00	33.25 1.55 0.00	32.51 1.52 0.00	32.31 1.80 0.00	29.28 1.84 -0.01
FULTON COGEN____ 23766	21.42 -0.41 0.00	19.86 -0.43 0.00	19.04 -0.43 0.00	18.91 -0.41 0.00	19.83 -0.43 0.00	21.48 -0.44 0.00	28.90 -0.50 0.00	32.20 -0.72 0.00	31.15 -0.64 0.00	29.34 -0.60 0.00	30.32 -0.49 0.00	30.23 -0.55 0.00	29.37 -0.57 0.00	29.06 -0.53 0.00	29.37 -0.63 0.00	30.53 -0.62 0.00	38.60 -0.51 0.00	45.81 -0.56 0.00	41.49 -0.59 0.00	37.98 -0.54 0.00	31.13 -0.57 0.00	30.24 -0.74 0.00	29.81 -0.70 0.00	26.86 -0.58 0.00
FULTON___LFGE 323630	23.80 1.97 0.00	22.08 1.79 0.00	21.12 1.65 0.00	20.98 1.66 0.00	22.14 1.88 0.00	24.15 2.24 0.00	32.60 3.20 0.00	36.68 3.75 0.00	35.47 3.69 0.00	33.05 3.11 0.00	34.05 3.23 0.00	33.71 2.93 0.00	32.93 2.99 0.00	32.85 3.26 0.00	33.48 3.48 0.00	34.98 3.83 0.00	44.51 5.40 0.00	53.28 6.91 0.00	48.05 5.97 0.00	43.69 5.16 0.00	35.91 4.22 0.00	34.77 3.78 0.00	33.93 3.42 0.00	30.31 2.88 0.00
G.F.CEMENT___DRP 24184	22.68 0.85 0.00	21.06 0.77 0.00	20.19 0.72 0.00	20.03 0.71 0.00	21.08 0.83 0.00	22.88 0.96 0.00	30.84 1.44 0.00	34.74 1.81 0.00	33.69 1.91 0.00	31.59 1.65 0.00	32.51 1.69 0.00	32.50 1.72 0.00	31.58 1.65 0.00	31.25 1.66 0.00	31.74 1.74 0.00	33.08 1.93 0.00	41.85 2.74 0.00	50.03 3.66 0.00	45.15 3.07 0.00	41.10 2.58 0.00	33.60 1.90 0.00	32.78 1.80 0.00	32.04 1.53 0.00	28.69 1.26 0.00
GARDENVILLE___LBMP 24039	20.83 -1.00 0.00	19.21 -1.08 0.00	18.40 -1.07 0.00	18.24 -1.08 0.00	19.12 -1.13 0.00	20.75 -1.16 0.00	28.46 -0.94 0.00	31.21 -1.71 0.00	30.80 -0.99 0.00	28.98 -0.96 0.00	29.95 -0.86 0.00	29.83 -0.95 0.00	28.89 -1.05 0.00	28.74 -0.86 0.00	28.92 -1.08 0.00	29.56 -1.59 0.00	38.09 -1.02 0.00	44.33 -2.04 0.00	40.19 -1.89 0.00	36.90 -1.62 0.00	30.52 -1.17 0.00	29.00 -1.98 0.00	29.11 -1.40 0.00	26.50 -0.93 0.00
GARDNVLA_35_KV_LD 355827	20.96 -0.87 0.00	19.32 -0.97 0.00	18.50 -0.97 0.00	18.33 -0.99 0.00	19.24 -1.01 0.00	20.86 -1.05 0.00	28.63 -0.76 0.00	31.41 -1.51 0.00	31.02 -0.76 0.00	29.19 -0.75 0.00	30.13 -0.68 0.00	30.04 -0.74 0.00	29.10 -0.84 0.00	28.91 -0.68 0.00	29.10 -0.90 0.00	29.75 -1.40 0.00	38.37 -0.74 0.00	44.65 -1.72 0.00	40.44 -1.64 0.00	37.17 -1.35 0.00	30.71 -0.98 0.00	29.22 -1.77 0.00	29.29 -1.22 0.00	26.66 -0.77 0.00
GELCKHM___115KV_LOAD 80723	21.57 -0.26 0.00	20.01 -0.28 0.00	19.18 -0.29 0.00	19.05 -0.27 0.00	19.97 -0.28 0.00	21.63 -0.28 0.00	29.10 -0.29 0.00	32.43 -0.49 0.00	31.37 -0.41 0.00	29.55 -0.39 0.00	30.53 -0.28 0.00	30.44 -0.34 0.00	29.57 -0.36 0.00	29.27 -0.33 0.00	29.58 -0.42 0.00	30.71 -0.44 0.00	38.84 -0.27 0.00	46.09 -0.28 0.00	41.74 -0.34 0.00	38.18 -0.35 0.00	31.32 -0.38 0.00	30.43 -0.56 0.00	29.99 -0.52 0.00	27.02 -0.41 0.00
GENERAL___MILLS 23808	20.91 -0.92 0.00	19.30 -0.99 0.00	18.48 -0.99 0.00	18.29 -1.02 0.00	19.20 -1.05 0.00	20.82 -1.10 0.00	28.58 -0.82 0.00	31.34 -1.58 0.00	30.96 -0.83 0.00	29.10 -0.84 0.00	30.07 -0.74 0.00	29.95 -0.83 0.00	29.04 -0.90 0.00	28.85 -0.74 0.00	29.04 -0.96 0.00	29.69 -1.46 0.00	38.25 -0.86 0.00	44.56 -1.81 0.00	40.35 -1.73 0.00	37.06 -1.46 0.00	30.65 -1.05 0.00	29.13 -1.86 0.00	29.23 -1.28 0.00	26.61 -0.82 0.00
GE_PLASTICS___DRP 24183	22.16 0.33 0.00	20.63 0.34 0.00	19.82 0.35 0.00	19.65 0.33 0.00	20.62 0.36 0.00	22.26 0.35 0.00	29.81 0.41 0.00	33.55 0.63 0.00	32.39 0.60 0.00	30.51 0.57 0.00	31.33 0.52 0.00	31.33 0.55 0.00	30.50 0.57 0.00	30.16 0.56 0.00	30.57 0.57 0.00	31.84 0.69 0.00	40.21 1.10 0.00	47.90 1.53 0.00	43.34 1.26 0.00	39.56 1.04 0.00	32.33 0.63 0.00	31.67 0.68 0.00	31.06 0.55 0.00	27.90 0.47 0.00
GILBOA___1 23756	22.29 0.46 0.00	20.72 0.43 0.00	19.88 0.41 0.00	19.70 0.39 0.00	20.68 0.43 0.00	22.33 0.42 0.00	29.99 0.59 0.00	33.81 0.89 0.00	32.61 0.82 0.00	30.75 0.81 0.00	31.55 0.74 0.00	31.55 0.77 0.00	30.68 0.75 0.00	30.33 0.74 0.00	30.78 0.78 0.00	31.99 0.84 0.00	40.48 1.37 0.00	48.13 1.76 0.00	43.55 1.47 0.00	39.83 1.31 0.00	32.68 0.98 0.00	31.73 0.74 0.00	31.27 0.76 0.00	28.09 0.66 0.00
GILBOA___2 23757	22.29 0.46 0.00	20.72 0.43 0.00	19.88 0.41 0.00	19.70 0.39 0.00	20.68 0.43 0.00	22.33 0.42 0.00	29.99 0.59 0.00	33.81 0.89 0.00	32.61 0.82 0.00	30.75 0.81 0.00	31.55 0.74 0.00	31.55 0.77 0.00	30.68 0.75 0.00	30.33 0.74 0.00	30.78 0.78 0.00	31.99 0.84 0.00	40.48 1.37 0.00	48.13 1.76 0.00	43.55 1.47 0.00	39.83 1.31 0.00	32.68 0.98 0.00	31.73 0.74 0.00	31.27 0.76 0.00	28.09 0.66 0.00
GILBOA___3 23758	22.29 0.46 0.00	20.72 0.43 0.00	19.88 0.41 0.00	19.70 0.39 0.00	20.68 0.43 0.00	22.33 0.42 0.00	29.99 0.59 0.00	33.81 0.89 0.00	32.61 0.82 0.00	30.75 0.81 0.00	31.55 0.74 0.00	31.55 0.77 0.00	30.68 0.75 0.00	30.33 0.74 0.00	30.78 0.78 0.00	31.99 0.84 0.00	40.48 1.37 0.00	48.13 1.76 0.00	43.55 1.47 0.00	39.83 1.31 0.00	32.68 0.98 0.00	31.73 0.74 0.00	31.27 0.76 0.00	28.09 0.66 0.00

GILBOA___4 23759	22.29 0.46 0.00	20.72 0.43 0.00	19.88 0.41 0.00	19.70 0.39 0.00	20.68 0.43 0.00	22.33 0.42 0.00	29.99 0.59 0.00	33.81 0.89 0.00	32.61 0.82 0.00	30.75 0.81 0.00	31.55 0.74 0.00	31.55 0.77 0.00	30.68 0.75 0.00	30.33 0.74 0.00	30.78 0.78 0.00	31.99 0.84 0.00	40.48 1.37 0.00	48.13 1.76 0.00	43.55 1.47 0.00	39.83 1.31 0.00	32.68 0.98 0.00	31.73 0.74 0.00	31.27 0.76 0.00	28.09 0.66 0.00
GILBOA____ 23599	22.29 0.46 0.00	20.72 0.43 0.00	19.88 0.41 0.00	19.70 0.39 0.00	20.68 0.43 0.00	22.35 0.44 0.00	30.02 0.62 0.00	33.81 0.89 0.00	32.61 0.83 0.00	30.75 0.81 0.00	31.55 0.74 0.00	31.55 0.77 0.00	30.71 0.78 0.00	30.33 0.74 0.00	30.78 0.78 0.00	32.02 0.87 0.00	40.48 1.37 0.00	48.13 1.76 0.00	43.55 1.47 0.00	39.83 1.31 0.00	32.52 0.82 0.00	31.79 0.81 0.00	31.24 0.73 0.00	28.06 0.63 0.00
GINNA____ 23603	20.30 -1.53 0.00	18.75 -1.54 0.00	17.95 -1.52 0.00	17.83 -1.49 0.00	18.73 -1.52 0.00	20.47 -1.45 0.00	27.69 -1.71 0.00	30.62 -2.31 0.00	29.91 -1.88 0.00	28.20 -1.74 0.00	29.15 -1.66 0.00	29.09 -1.69 0.00	28.32 -1.62 0.00	27.91 -1.69 0.00	28.17 -1.83 0.00	29.28 -1.87 0.00	37.12 -1.99 0.00	43.54 -2.83 0.00	39.51 -2.57 0.00	36.25 -2.27 0.00	29.92 -1.77 0.00	28.88 -2.11 0.00	28.22 -2.29 0.00	25.46 -1.98 0.00
GLEN PARK____ 23778	21.50 -0.33 0.00	20.03 -0.26 0.00	19.12 -0.35 0.00	19.03 -0.29 0.00	19.99 -0.26 0.00	21.78 -0.13 0.00	29.25 -0.15 0.00	32.70 -0.23 0.00	31.47 -0.32 0.00	29.64 -0.30 0.00	30.60 -0.21 0.00	30.47 -0.31 0.00	29.58 -0.36 0.00	29.39 -0.21 0.00	29.97 -0.03 0.00	31.37 0.22 0.00	39.85 0.74 0.00	47.53 1.16 0.00	43.09 1.01 0.00	39.45 0.92 0.00	32.39 0.70 0.00	31.36 0.37 0.00	30.75 0.24 0.00	27.46 0.03 0.00
GLENDALE_27_KV_LOAD 356172	23.21 1.38 0.00	21.47 1.18 0.00	20.64 1.17 0.00	20.42 1.10 0.00	21.35 1.09 0.00	23.03 1.12 0.00	30.90 1.50 0.00	35.20 2.27 0.00	33.91 2.13 0.00	32.07 2.13 0.00	32.75 1.94 0.00	32.75 1.97 0.00	31.94 2.01 0.00	31.52 1.92 0.00	32.04 2.04 0.00	33.24 2.09 0.00	42.24 3.13 0.00	50.50 4.13 0.00	45.32 3.24 0.00	41.49 2.97 0.00	33.63 1.93 0.00	32.91 1.92 0.00	32.43 1.92 0.00	29.30 1.87 -0.01
GLENWOOD_IC_1_G5 23712	24.91 1.57 -1.51	23.26 1.44 -1.53	23.22 1.40 -2.35	23.48 1.35 -2.81	24.67 1.38 -3.04	27.05 1.47 -3.67	37.32 2.03 -5.89	41.00 2.86 -5.21	38.63 2.67 -4.18	32.51 2.57 0.00	33.18 2.37 0.00	33.24 2.46 0.00	37.38 2.51 -4.93	37.30 2.40 -5.31	38.73 2.49 -6.24	40.44 2.59 -6.70	50.82 3.64 -8.07	65.88 4.78 -14.74	56.54 3.83 -10.64	52.74 3.51 -10.71	43.60 2.41 -9.49	41.37 2.48 -7.91	36.87 2.35 -4.01	32.06 2.11 -2.52
GLENWOOD_IC_2_G1 23688	24.84 1.51 -1.51	23.16 1.36 -1.51	23.12 1.32 -2.33	23.39 1.27 -2.79	24.57 1.30 -3.02	26.90 1.31 -3.67	37.17 1.88 -5.89	40.87 2.73 -5.21	38.50 2.54 -4.18	32.36 2.42 0.00	33.06 2.25 0.00	33.12 2.34 0.00	37.20 2.34 -4.93	37.15 2.25 -5.31	38.61 2.37 -6.24	40.25 2.40 -6.70	50.74 3.56 -8.07	65.79 4.68 -14.74	56.50 3.79 -10.64	52.70 3.47 -10.71	43.79 2.60 -9.49	41.10 2.20 -7.91	36.84 2.32 -4.01	32.01 2.06 -2.52
GLENWOOD_IC_3_G1 23689	24.84 1.51 -1.51	23.16 1.36 -1.51	23.12 1.32 -2.33	23.39 1.27 -2.79	24.57 1.30 -3.02	26.90 1.31 -3.67	37.17 1.88 -5.89	40.87 2.73 -5.21	38.50 2.54 -4.18	32.36 2.42 0.00	33.06 2.25 0.00	33.12 2.34 0.00	37.20 2.34 -4.93	37.15 2.25 -5.31	38.61 2.37 -6.24	40.25 2.40 -6.70	50.74 3.56 -8.07	65.79 4.68 -14.74	56.50 3.79 -10.64	52.70 3.47 -10.71	43.79 2.60 -9.49	41.10 2.20 -7.91	36.84 2.32 -4.01	32.01 2.06 -2.52
GLENWOOD___4 23550	24.91 1.57 -1.51	23.26 1.44 -1.53	23.22 1.40 -2.35	23.48 1.35 -2.81	24.67 1.38 -3.04	27.05 1.47 -3.67	37.32 2.03 -5.89	41.00 2.86 -5.21	38.63 2.67 -4.18	32.51 2.57 0.00	33.18 2.37 0.00	33.24 2.46 0.00	37.38 2.51 -4.93	37.30 2.40 -5.31	38.73 2.49 -6.24	40.44 2.59 -6.70	50.86 3.68 -8.07	65.93 4.82 -14.74	56.59 3.87 -10.64	52.78 3.54 -10.71	43.66 2.47 -9.49	41.37 2.48 -7.91	36.87 2.35 -4.01	32.06 2.11 -2.52
GLENWOOD___5 23614	24.91 1.57 -1.51	23.26 1.44 -1.53	23.22 1.40 -2.35	23.48 1.35 -2.81	24.67 1.38 -3.04	27.05 1.47 -3.67	37.32 2.03 -5.89	41.00 2.86 -5.21	38.63 2.67 -4.18	32.51 2.57 0.00	33.18 2.37 0.00	33.24 2.46 0.00	37.38 2.51 -4.93	37.30 2.40 -5.31	38.73 2.49 -6.24	40.44 2.59 -6.70	50.86 3.68 -8.07	65.93 4.82 -14.74	56.59 3.87 -10.64	52.78 3.54 -10.71	43.66 2.47 -9.49	41.37 2.48 -7.91	36.87 2.35 -4.01	32.06 2.11 -2.52
GLOBAL GREEN_PORT_GT1 23814	25.98 2.64 -1.51	24.33 2.43 -1.60	24.23 2.34 -2.42	24.50 2.30 -2.89	25.73 2.37 -3.11	28.08 2.50 -3.67	38.58 3.29 -5.89	42.52 4.38 -5.21	39.93 3.97 -4.18	33.59 3.65 0.00	34.26 3.45 0.00	34.29 3.51 0.00	38.39 3.53 -4.93	38.34 3.43 -5.31	39.87 3.63 -6.24	41.59 3.74 -6.70	52.58 5.40 -8.07	68.06 6.95 -14.74	58.44 5.72 -10.64	54.51 5.28 -10.71	45.21 4.03 -9.49	42.40 3.50 -7.91	38.03 3.51 -4.01	33.18 3.24 -2.52
GLOBE___DSASP 323697	20.00 -1.83 0.00	18.46 -1.83 0.00	17.68 -1.79 0.00	17.52 -1.80 0.00	18.39 -1.86 0.00	19.99 -1.93 0.00	27.28 -2.12 0.00	29.80 -3.13 0.00	29.46 -2.32 0.00	27.72 -2.22 0.00	28.62 -2.19 0.00	28.53 -2.25 0.00	27.60 -2.33 0.00	27.46 -2.13 0.00	27.60 -2.40 0.00	28.16 -2.99 0.00	36.26 -2.86 0.00	41.92 -4.45 0.00	38.08 -4.00 0.00	34.98 -3.54 0.00	28.97 -2.73 0.00	27.49 -3.50 0.00	27.70 -2.81 0.00	25.32 -2.11 0.00
GOETHSLN___LBMP 323567	22.90 1.07 0.00	21.22 0.93 0.00	20.40 0.93 0.00	20.19 0.87 0.00	21.12 0.87 0.00	22.81 0.90 0.00	30.69 1.29 0.00	35.03 2.11 0.00	33.66 1.88 0.00	31.83 1.89 0.00	32.47 1.66 0.00	32.50 1.72 0.00	31.70 1.77 0.00	31.25 1.66 0.00	31.80 1.80 0.00	33.02 1.87 0.00	41.93 2.82 0.00	50.13 3.76 0.00	44.90 2.82 0.00	41.18 2.66 0.00	33.44 1.74 0.00	32.75 1.77 0.00	32.16 1.65 0.00	28.94 1.51 0.00
GOLAH___69_KV_TB 1_2 80279	21.22 -0.61 0.00	19.62 -0.67 0.00	18.81 -0.66 0.00	18.64 -0.68 0.00	19.56 -0.69 0.00	21.26 -0.66 0.00	28.90 -0.50 0.00	31.87 -1.05 0.00	31.27 -0.51 0.00	29.43 -0.51 0.00	30.44 -0.37 0.00	30.35 -0.43 0.00	29.34 -0.60 0.00	29.03 -0.56 0.00	29.22 -0.78 0.00	30.09 -1.06 0.00	38.52 -0.59 0.00	45.03 -1.34 0.00	40.99 -1.09 0.00	37.64 -0.89 0.00	30.90 -0.79 0.00	29.59 -1.39 0.00	29.53 -0.98 0.00	26.77 -0.66 0.00
GOODYEAR_LAKE_HYD 323669	22.68 0.85 0.00	21.06 0.77 0.00	20.17 0.70 0.00	20.01 0.70 0.00	21.00 0.75 0.00	22.81 0.90 0.00	30.72 1.32 0.00	34.60 1.68 0.00	33.40 1.62 0.00	31.47 1.53 0.00	32.32 1.51 0.00	32.26 1.48 0.00	31.37 1.44 0.00	31.04 1.45 0.00	31.53 1.53 0.00	32.80 1.65 0.00	41.57 2.46 0.00	49.52 3.15 0.00	44.77 2.69 0.00	40.95 2.43 0.00	33.47 1.78 0.00	32.57 1.58 0.00	32.01 1.50 0.00	28.72 1.29 0.00

GOUDEY_115_KV_TB6_REV_LBMP_C 345031	21.94 0.11 0.00	20.33 0.04 0.00	19.49 0.02 0.00	19.32 0.00 0.00	20.27 0.02 0.00	21.98 0.07 0.00	29.69 0.29 0.00	33.32 0.40 0.00	32.32 0.54 0.00	30.42 0.48 0.00	31.33 0.52 0.00	31.24 0.46 0.00	30.35 0.42 0.00	30.04 0.44 0.00	30.39 0.39 0.00	31.52 0.37 0.00	40.01 0.90 0.00	47.48 1.11 0.00	42.92 0.84 0.00	39.33 0.81 0.00	32.24 0.54 0.00	31.27 0.28 0.00	30.85 0.34 0.00	27.79 0.36 0.00
GOUDEY___7 23579	21.96 0.13 0.00	20.35 0.06 0.00	19.51 0.04 0.00	19.34 0.02 0.00	20.29 0.04 0.00	21.98 0.07 0.00	29.72 0.32 0.00	33.35 0.43 0.00	32.36 0.57 0.00	30.45 0.51 0.00	31.37 0.55 0.00	31.27 0.49 0.00	30.38 0.45 0.00	30.07 0.47 0.00	30.42 0.42 0.00	31.56 0.40 0.00	40.05 0.94 0.00	47.53 1.16 0.00	42.96 0.88 0.00	39.37 0.85 0.00	32.27 0.57 0.00	31.30 0.31 0.00	30.88 0.37 0.00	27.82 0.38 0.00
GOUDEY___8 23580	21.94 0.11 0.00	20.33 0.04 0.00	19.49 0.02 0.00	19.32 0.00 0.00	20.27 0.02 0.00	21.98 0.07 0.00	29.69 0.29 0.00	33.32 0.40 0.00	32.32 0.54 0.00	30.42 0.48 0.00	31.33 0.52 0.00	31.24 0.46 0.00	30.35 0.42 0.00	30.04 0.44 0.00	30.39 0.39 0.00	31.52 0.37 0.00	40.01 0.90 0.00	47.48 1.11 0.00	42.92 0.84 0.00	39.33 0.81 0.00	32.24 0.54 0.00	31.27 0.28 0.00	30.85 0.34 0.00	27.79 0.36 0.00
GOWANUS_GT1_1 24077	23.32 1.48 0.00	21.59 1.30 0.00	20.75 1.28 0.00	20.53 1.22 0.00	21.45 1.19 0.00	23.03 1.12 0.00	30.78 1.38 0.00	35.00 2.07 0.00	33.72 1.94 0.00	31.92 1.98 0.00	32.57 1.76 0.00	32.56 1.79 0.00	31.79 1.86 0.00	31.37 1.78 0.00	31.89 1.89 0.00	33.05 1.90 0.00	42.12 3.01 0.00	50.45 4.08 0.00	45.28 3.20 0.00	41.41 2.89 0.00	33.47 1.78 0.00	32.75 1.77 0.00	32.40 1.89 0.00	29.33 1.89 -0.01
GOWANUS_GT1_2 24078	23.32 1.48 0.00	21.59 1.30 0.00	20.75 1.28 0.00	20.53 1.22 0.00	21.45 1.19 0.00	23.03 1.12 0.00	30.78 1.38 0.00	35.00 2.07 0.00	33.72 1.94 0.00	31.92 1.98 0.00	32.57 1.76 0.00	32.56 1.79 0.00	31.79 1.86 0.00	31.37 1.78 0.00	31.89 1.89 0.00	33.05 1.90 0.00	42.12 3.01 0.00	50.45 4.08 0.00	45.28 3.20 0.00	41.41 2.89 0.00	33.47 1.78 0.00	32.75 1.77 0.00	32.40 1.89 0.00	29.33 1.89 -0.01
GOWANUS_GT1_3 24079	23.32 1.48 0.00	21.59 1.30 0.00	20.75 1.28 0.00	20.53 1.22 0.00	21.45 1.19 0.00	23.03 1.12 0.00	30.78 1.38 0.00	35.00 2.07 0.00	33.72 1.94 0.00	31.92 1.98 0.00	32.57 1.76 0.00	32.56 1.79 0.00	31.79 1.86 0.00	31.37 1.78 0.00	31.89 1.89 0.00	33.05 1.90 0.00	42.12 3.01 0.00	50.45 4.08 0.00	45.28 3.20 0.00	41.41 2.89 0.00	33.47 1.78 0.00	32.75 1.77 0.00	32.40 1.89 0.00	29.33 1.89 -0.01
GOWANUS_GT1_4 24080	23.32 1.48 0.00	21.59 1.30 0.00	20.75 1.28 0.00	20.53 1.22 0.00	21.45 1.19 0.00	23.03 1.12 0.00	30.78 1.38 0.00	35.00 2.07 0.00	33.72 1.94 0.00	31.92 1.98 0.00	32.57 1.76 0.00	32.56 1.79 0.00	31.79 1.86 0.00	31.37 1.78 0.00	31.89 1.89 0.00	33.05 1.90 0.00	42.12 3.01 0.00	50.45 4.08 0.00	45.28 3.20 0.00	41.41 2.89 0.00	33.47 1.78 0.00	32.75 1.77 0.00	32.40 1.89 0.00	29.33 1.89 -0.01
GOWANUS_GT1_5 24084	23.32 1.48 0.00	21.59 1.30 0.00	20.75 1.28 0.00	20.53 1.22 0.00	21.45 1.19 0.00	23.03 1.12 0.00	30.78 1.38 0.00	35.00 2.07 0.00	33.72 1.94 0.00	31.92 1.98 0.00	32.57 1.76 0.00	32.56 1.79 0.00	31.79 1.86 0.00	31.37 1.78 0.00	31.89 1.89 0.00	33.05 1.90 0.00	42.12 3.01 0.00	50.45 4.08 0.00	45.28 3.20 0.00	41.41 2.89 0.00	33.47 1.78 0.00	32.75 1.77 0.00	32.40 1.89 0.00	29.33 1.89 -0.01
GOWANUS_GT1_6 24111	23.32 1.48 0.00	21.59 1.30 0.00	20.75 1.28 0.00	20.53 1.22 0.00	21.45 1.19 0.00	23.03 1.12 0.00	30.78 1.38 0.00	35.00 2.07 0.00	33.72 1.94 0.00	31.92 1.98 0.00	32.57 1.76 0.00	32.56 1.79 0.00	31.79 1.86 0.00	31.37 1.78 0.00	31.89 1.89 0.00	33.05 1.90 0.00	42.12 3.01 0.00	50.45 4.08 0.00	45.28 3.20 0.00	41.41 2.89 0.00	33.47 1.78 0.00	32.75 1.77 0.00	32.40 1.89 0.00	29.33 1.89 -0.01
GOWANUS_GT1_7 24112	23.32 1.48 0.00	21.59 1.30 0.00	20.75 1.28 0.00	20.53 1.22 0.00	21.45 1.19 0.00	23.03 1.12 0.00	30.78 1.38 0.00	35.00 2.07 0.00	33.72 1.94 0.00	31.92 1.98 0.00	32.57 1.76 0.00	32.56 1.79 0.00	31.79 1.86 0.00	31.37 1.78 0.00	31.89 1.89 0.00	33.05 1.90 0.00	42.12 3.01 0.00	50.45 4.08 0.00	45.28 3.20 0.00	41.41 2.89 0.00	33.47 1.78 0.00	32.75 1.77 0.00	32.40 1.89 0.00	29.33 1.89 -0.01
GOWANUS_GT1_8 24113	23.32 1.48 0.00	21.59 1.30 0.00	20.75 1.28 0.00	20.53 1.22 0.00	21.45 1.19 0.00	23.03 1.12 0.00	30.78 1.38 0.00	35.00 2.07 0.00	33.72 1.94 0.00	31.92 1.98 0.00	32.57 1.76 0.00	32.56 1.79 0.00	31.79 1.86 0.00	31.37 1.78 0.00	31.89 1.89 0.00	33.05 1.90 0.00	42.12 3.01 0.00	50.45 4.08 0.00	45.28 3.20 0.00	41.41 2.89 0.00	33.47 1.78 0.00	32.75 1.77 0.00	32.40 1.89 0.00	29.33 1.89 -0.01
GOWANUS_GT2_1 24114	23.48 1.64 -0.01	21.74 1.44 -0.01	20.90 1.42 -0.01	20.68 1.35 -0.01	21.61 1.36 0.00	22.99 1.07 0.00	30.72 1.32 0.00	34.83 1.91 0.01	33.56 1.78 0.01	31.76 1.83 0.01	32.41 1.60 0.01	32.40 1.63 0.01	31.57 1.65 0.01	31.21 1.63 0.01	31.73 1.74 0.01	32.79 1.65 0.01	41.96 2.85 0.01	50.30 3.94 0.01	45.14 3.07 0.01	41.33 2.81 0.01	33.53 1.84 0.01	32.38 1.40 0.01	32.65 2.14 0.00	29.44 2.00 -0.01
GOWANUS_GT2_2 24115	23.48 1.64 -0.01	21.74 1.44 -0.01	20.90 1.42 -0.01	20.68 1.35 -0.01	21.61 1.36 0.00	22.99 1.07 0.00	30.72 1.32 0.00	34.83 1.91 0.01	33.56 1.78 0.01	31.76 1.83 0.01	32.41 1.60 0.01	32.40 1.63 0.01	31.57 1.65 0.01	31.21 1.63 0.01	31.73 1.74 0.01	32.79 1.65 0.01	41.96 2.85 0.01	50.30 3.94 0.01	45.14 3.07 0.01	41.33 2.81 0.01	33.53 1.84 0.01	32.38 1.40 0.01	32.65 2.14 0.00	29.44 2.00 -0.01
GOWANUS_GT2_3 24116	23.48 1.64 -0.01	21.74 1.44 -0.01	20.90 1.42 -0.01	20.68 1.35 -0.01	21.61 1.36 0.00	22.99 1.07 0.00	30.72 1.32 0.00	34.83 1.91 0.01	33.56 1.78 0.01	31.76 1.83 0.01	32.41 1.60 0.01	32.40 1.63 0.01	31.57 1.65 0.01	31.21 1.63 0.01	31.73 1.74 0.01	32.79 1.65 0.01	41.96 2.85 0.01	50.30 3.94 0.01	45.14 3.07 0.01	41.33 2.81 0.01	33.53 1.84 0.01	32.38 1.40 0.01	32.65 2.14 0.00	29.44 2.00 -0.01
GOWANUS_GT2_4 24117	23.48 1.64 -0.01	21.74 1.44 -0.01	20.90 1.42 -0.01	20.68 1.35 -0.01	21.61 1.36 0.00	22.99 1.07 0.00	30.72 1.32 0.00	34.83 1.91 0.01	33.56 1.78 0.01	31.76 1.83 0.01	32.41 1.60 0.01	32.40 1.63 0.01	31.57 1.65 0.01	31.21 1.63 0.01	31.73 1.74 0.01	32.79 1.65 0.01	41.96 2.85 0.01	50.30 3.94 0.01	45.14 3.07 0.01	41.33 2.81 0.01	33.53 1.84 0.01	32.38 1.40 0.01	32.65 2.14 0.00	29.44 2.00 -0.01

GOWANUS_GT2_5 24118	23.48 1.64 -0.01	21.74 1.44 -0.01	20.90 1.42 -0.01	20.68 1.35 -0.01	21.61 1.36 0.00	22.99 1.07 0.00	30.72 1.32 0.00	34.83 1.91 0.01	33.56 1.78 0.01	31.76 1.83 0.01	32.41 1.60 0.01	32.40 1.63 0.01	31.57 1.65 0.01	31.21 1.63 0.01	31.73 1.74 0.01	32.79 1.65 0.01	41.96 2.85 0.01	50.30 3.94 0.01	45.14 3.07 0.01	41.33 2.81 0.01	33.53 1.84 0.01	32.38 1.40 0.01	32.65 2.14 0.00	29.44 2.00 -0.01
GOWANUS_GT2_6 24119	23.48 1.64 -0.01	21.74 1.44 -0.01	20.90 1.42 -0.01	20.68 1.35 -0.01	21.61 1.36 0.00	22.99 1.07 0.00	30.72 1.32 0.00	34.83 1.91 0.01	33.56 1.78 0.01	31.76 1.83 0.01	32.41 1.60 0.01	32.40 1.63 0.01	31.57 1.65 0.01	31.21 1.63 0.01	31.73 1.74 0.01	32.79 1.65 0.01	41.96 2.85 0.01	50.30 3.94 0.01	45.14 3.07 0.01	41.33 2.81 0.01	33.53 1.84 0.01	32.38 1.40 0.01	32.65 2.14 0.00	29.44 2.00 -0.01
GOWANUS_GT2_7 24120	23.48 1.64 -0.01	21.74 1.44 -0.01	20.90 1.42 -0.01	20.68 1.35 -0.01	21.61 1.36 0.00	22.99 1.07 0.00	30.72 1.32 0.00	34.83 1.91 0.01	33.56 1.78 0.01	31.76 1.83 0.01	32.41 1.60 0.01	32.40 1.63 0.01	31.57 1.65 0.01	31.21 1.63 0.01	31.73 1.74 0.01	32.79 1.65 0.01	41.96 2.85 0.01	50.30 3.94 0.01	45.14 3.07 0.01	41.33 2.81 0.01	33.53 1.84 0.01	32.38 1.40 0.01	32.65 2.14 0.00	29.44 2.00 -0.01
GOWANUS_GT2_8 24121	23.48 1.64 -0.01	21.74 1.44 -0.01	20.90 1.42 -0.01	20.68 1.35 -0.01	21.61 1.36 0.00	22.99 1.07 0.00	30.72 1.32 0.00	34.83 1.91 0.01	33.56 1.78 0.01	31.76 1.83 0.01	32.41 1.60 0.01	32.40 1.63 0.01	31.57 1.65 0.01	31.21 1.63 0.01	31.73 1.74 0.01	32.79 1.65 0.01	41.96 2.85 0.01	50.30 3.94 0.01	45.14 3.07 0.01	41.33 2.81 0.01	33.53 1.84 0.01	32.38 1.40 0.01	32.65 2.14 0.00	29.44 2.00 -0.01
GOWANUS_GT3_1 24122	23.32 1.49 -0.01	21.60 1.30 -0.01	20.76 1.28 -0.01	20.54 1.22 -0.01	21.45 1.19 0.00	22.94 1.03 0.00	30.75 1.35 0.00	35.00 2.08 0.00	33.72 1.94 0.00	31.92 1.98 0.00	32.57 1.76 0.00	32.56 1.78 0.00	31.73 1.80 0.00	31.37 1.78 0.00	31.89 1.89 0.00	32.96 1.81 0.00	42.12 3.01 0.00	50.45 4.08 0.00	45.28 3.20 0.00	41.41 2.89 0.00	33.70 2.00 0.00	32.54 1.55 0.00	32.61 2.10 0.00	29.39 1.95 -0.01
GOWANUS_GT3_2 24123	23.32 1.49 -0.01	21.60 1.30 -0.01	20.76 1.28 -0.01	20.54 1.22 -0.01	21.45 1.19 0.00	22.94 1.03 0.00	30.75 1.35 0.00	35.00 2.08 0.00	33.72 1.94 0.00	31.92 1.98 0.00	32.57 1.76 0.00	32.56 1.78 0.00	31.73 1.80 0.00	31.37 1.78 0.00	31.89 1.89 0.00	32.96 1.81 0.00	42.12 3.01 0.00	50.45 4.08 0.00	45.28 3.20 0.00	41.41 2.89 0.00	33.70 2.00 0.00	32.54 1.55 0.00	32.61 2.10 0.00	29.39 1.95 -0.01
GOWANUS_GT3_3 24124	23.32 1.49 -0.01	21.60 1.30 -0.01	20.76 1.28 -0.01	20.54 1.22 -0.01	21.45 1.19 0.00	22.94 1.03 0.00	30.75 1.35 0.00	35.00 2.08 0.00	33.72 1.94 0.00	31.92 1.98 0.00	32.57 1.76 0.00	32.56 1.78 0.00	31.73 1.80 0.00	31.37 1.78 0.00	31.89 1.89 0.00	32.96 1.81 0.00	42.12 3.01 0.00	50.45 4.08 0.00	45.28 3.20 0.00	41.41 2.89 0.00	33.70 2.00 0.00	32.54 1.55 0.00	32.61 2.10 0.00	29.39 1.95 -0.01
GOWANUS_GT3_4 24125	23.32 1.49 -0.01	21.60 1.30 -0.01	20.76 1.28 -0.01	20.54 1.22 -0.01	21.45 1.19 0.00	22.94 1.03 0.00	30.75 1.35 0.00	35.00 2.08 0.00	33.72 1.94 0.00	31.92 1.98 0.00	32.57 1.76 0.00	32.56 1.78 0.00	31.73 1.80 0.00	31.37 1.78 0.00	31.89 1.89 0.00	32.96 1.81 0.00	42.12 3.01 0.00	50.45 4.08 0.00	45.28 3.20 0.00	41.41 2.89 0.00	33.70 2.00 0.00	32.54 1.55 0.00	32.61 2.10 0.00	29.39 1.95 -0.01
GOWANUS_GT3_5 24126	23.32 1.49 -0.01	21.60 1.30 -0.01	20.76 1.28 -0.01	20.54 1.22 -0.01	21.45 1.19 0.00	22.94 1.03 0.00	30.75 1.35 0.00	35.00 2.08 0.00	33.72 1.94 0.00	31.92 1.98 0.00	32.57 1.76 0.00	32.56 1.78 0.00	31.73 1.80 0.00	31.37 1.78 0.00	31.89 1.89 0.00	32.96 1.81 0.00	42.12 3.01 0.00	50.45 4.08 0.00	45.28 3.20 0.00	41.41 2.89 0.00	33.70 2.00 0.00	32.54 1.55 0.00	32.61 2.10 0.00	29.39 1.95 -0.01
GOWANUS_GT3_6 24127	23.32 1.49 -0.01	21.60 1.30 -0.01	20.76 1.28 -0.01	20.54 1.22 -0.01	21.45 1.19 0.00	22.94 1.03 0.00	30.75 1.35 0.00	35.00 2.08 0.00	33.72 1.94 0.00	31.92 1.98 0.00	32.57 1.76 0.00	32.56 1.78 0.00	31.73 1.80 0.00	31.37 1.78 0.00	31.89 1.89 0.00	32.96 1.81 0.00	42.12 3.01 0.00	50.45 4.08 0.00	45.28 3.20 0.00	41.41 2.89 0.00	33.70 2.00 0.00	32.54 1.55 0.00	32.61 2.10 0.00	29.39 1.95 -0.01
GOWANUS_GT3_7 24128	23.32 1.49 -0.01	21.60 1.30 -0.01	20.76 1.28 -0.01	20.54 1.22 -0.01	21.45 1.19 0.00	22.94 1.03 0.00	30.75 1.35 0.00	35.00 2.08 0.00	33.72 1.94 0.00	31.92 1.98 0.00	32.57 1.76 0.00	32.56 1.78 0.00	31.73 1.80 0.00	31.37 1.78 0.00	31.89 1.89 0.00	32.96 1.81 0.00	42.12 3.01 0.00	50.45 4.08 0.00	45.28 3.20 0.00	41.41 2.89 0.00	33.70 2.00 0.00	32.54 1.55 0.00	32.61 2.10 0.00	29.39 1.95 -0.01
GOWANUS_GT3_8 24129	23.32 1.49 -0.01	21.60 1.30 -0.01	20.76 1.28 -0.01	20.54 1.22 -0.01	21.45 1.19 0.00	22.94 1.03 0.00	30.75 1.35 0.00	35.00 2.08 0.00	33.72 1.94 0.00	31.92 1.98 0.00	32.57 1.76 0.00	32.56 1.78 0.00	31.73 1.80 0.00	31.37 1.78 0.00	31.89 1.89 0.00	32.96 1.81 0.00	42.12 3.01 0.00	50.45 4.08 0.00	45.28 3.20 0.00	41.41 2.89 0.00	33.70 2.00 0.00	32.54 1.55 0.00	32.61 2.10 0.00	29.39 1.95 -0.01
GOWANUS_GT4_1 24130	23.47 1.64 0.00	21.73 1.44 0.00	20.89 1.42 0.00	20.67 1.35 0.00	21.61 1.36 0.00	23.08 1.16 0.00	30.72 1.32 0.00	34.83 1.91 0.00	33.56 1.78 0.00	31.77 1.83 0.00	32.41 1.60 0.00	32.41 1.63 0.00	31.64 1.71 0.00	31.22 1.63 0.00	31.74 1.74 0.00	32.89 1.74 0.00	41.97 2.86 0.00	50.31 3.94 0.00	45.15 3.07 0.00	41.33 2.81 0.00	33.35 1.65 0.00	32.60 1.61 0.00	32.43 1.92 0.00	29.41 1.98 -0.01
GOWANUS_GT4_2 24131	23.47 1.64 0.00	21.73 1.44 0.00	20.89 1.42 0.00	20.67 1.35 0.00	21.61 1.36 0.00	23.08 1.16 0.00	30.72 1.32 0.00	34.83 1.91 0.00	33.56 1.78 0.00	31.77 1.83 0.00	32.41 1.60 0.00	32.41 1.63 0.00	31.64 1.71 0.00	31.22 1.63 0.00	31.74 1.74 0.00	32.89 1.74 0.00	41.97 2.86 0.00	50.31 3.94 0.00	45.15 3.07 0.00	41.33 2.81 0.00	33.35 1.65 0.00	32.60 1.61 0.00	32.43 1.92 0.00	29.41 1.98 -0.01
GOWANUS_GT4_3 24132	23.47 1.64 0.00	21.73 1.44 0.00	20.89 1.42 0.00	20.67 1.35 0.00	21.61 1.36 0.00	23.08 1.16 0.00	30.72 1.32 0.00	34.83 1.91 0.00	33.56 1.78 0.00	31.77 1.83 0.00	32.41 1.60 0.00	32.41 1.63 0.00	31.64 1.71 0.00	31.22 1.63 0.00	31.74 1.74 0.00	32.89 1.74 0.00	41.97 2.86 0.00	50.31 3.94 0.00	45.15 3.07 0.00	41.33 2.81 0.00	33.35 1.65 0.00	32.60 1.61 0.00	32.43 1.92 0.00	29.41 1.98 -0.01

GOWANUS_GT4_4 24133	23.47 1.64 0.00	21.73 1.44 0.00	20.89 1.42 0.00	20.67 1.35 0.00	21.61 1.36 0.00	23.08 1.16 0.00	30.72 1.32 0.00	34.83 1.91 0.00	33.56 1.78 0.00	31.77 1.83 0.00	32.41 1.60 0.00	32.41 1.63 0.00	31.64 1.71 0.00	31.22 1.63 0.00	31.74 1.74 0.00	32.89 1.74 0.00	41.97 2.86 0.00	50.31 3.94 0.00	45.15 3.07 0.00	41.33 2.81 0.00	33.35 1.65 0.00	32.60 1.61 0.00	32.43 1.92 0.00	29.41 1.98 -0.01
GOWANUS_GT4_5 24134	23.47 1.64 0.00	21.73 1.44 0.00	20.89 1.42 0.00	20.67 1.35 0.00	21.61 1.36 0.00	23.08 1.16 0.00	30.72 1.32 0.00	34.83 1.91 0.00	33.56 1.78 0.00	31.77 1.83 0.00	32.41 1.60 0.00	32.41 1.63 0.00	31.64 1.71 0.00	31.22 1.63 0.00	31.74 1.74 0.00	32.89 1.74 0.00	41.97 2.86 0.00	50.31 3.94 0.00	45.15 3.07 0.00	41.33 2.81 0.00	33.35 1.65 0.00	32.60 1.61 0.00	32.43 1.92 0.00	29.41 1.98 -0.01
GOWANUS_GT4_6 24135	23.47 1.64 0.00	21.73 1.44 0.00	20.89 1.42 0.00	20.67 1.35 0.00	21.61 1.36 0.00	23.08 1.16 0.00	30.72 1.32 0.00	34.83 1.91 0.00	33.56 1.78 0.00	31.77 1.83 0.00	32.41 1.60 0.00	32.41 1.63 0.00	31.64 1.71 0.00	31.22 1.63 0.00	31.74 1.74 0.00	32.89 1.74 0.00	41.97 2.86 0.00	50.31 3.94 0.00	45.15 3.07 0.00	41.33 2.81 0.00	33.35 1.65 0.00	32.60 1.61 0.00	32.43 1.92 0.00	29.41 1.98 -0.01
GOWANUS_GT4_7 24136	23.47 1.64 0.00	21.73 1.44 0.00	20.89 1.42 0.00	20.67 1.35 0.00	21.61 1.36 0.00	23.08 1.16 0.00	30.72 1.32 0.00	34.83 1.91 0.00	33.56 1.78 0.00	31.77 1.83 0.00	32.41 1.60 0.00	32.41 1.63 0.00	31.64 1.71 0.00	31.22 1.63 0.00	31.74 1.74 0.00	32.89 1.74 0.00	41.97 2.86 0.00	50.31 3.94 0.00	45.15 3.07 0.00	41.33 2.81 0.00	33.35 1.65 0.00	32.60 1.61 0.00	32.43 1.92 0.00	29.41 1.98 -0.01
GOWANUS_GT4_8 24137	23.47 1.64 0.00	21.73 1.44 0.00	20.89 1.42 0.00	20.67 1.35 0.00	21.61 1.36 0.00	23.08 1.16 0.00	30.72 1.32 0.00	34.83 1.91 0.00	33.56 1.78 0.00	31.77 1.83 0.00	32.41 1.60 0.00	32.41 1.63 0.00	31.64 1.71 0.00	31.22 1.63 0.00	31.74 1.74 0.00	32.89 1.74 0.00	41.97 2.86 0.00	50.31 3.94 0.00	45.15 3.07 0.00	41.33 2.81 0.00	33.35 1.65 0.00	32.60 1.61 0.00	32.43 1.92 0.00	29.41 1.98 -0.01
GREENBSH_115KV_TB3 55895	22.05 0.22 0.00	20.55 0.26 0.00	19.74 0.27 0.00	19.59 0.27 0.00	20.56 0.30 0.00	22.18 0.26 0.00	29.66 0.26 0.00	33.42 0.49 0.00	32.26 0.48 0.00	30.36 0.42 0.00	31.18 0.37 0.00	31.21 0.43 0.00	30.38 0.45 0.00	30.04 0.44 0.00	30.48 0.48 0.00	31.74 0.59 0.00	40.05 0.94 0.00	47.76 1.39 0.00	43.22 1.14 0.00	39.41 0.89 0.00	32.20 0.51 0.00	31.55 0.56 0.00	30.94 0.43 0.00	27.76 0.33 0.00
GREENDGE_115KV_TB5 80291	21.81 -0.02 0.00	20.17 -0.12 0.00	19.29 -0.18 0.00	19.14 -0.17 0.00	20.11 -0.14 0.00	21.83 -0.09 0.00	29.75 0.35 0.00	33.06 0.13 0.00	32.26 0.48 0.00	30.33 0.39 0.00	31.37 0.55 0.00	31.21 0.43 0.00	30.23 0.30 0.00	30.01 0.41 0.00	30.27 0.27 0.00	31.31 0.16 0.00	39.62 0.51 0.00	46.88 0.51 0.00	42.46 0.38 0.00	38.95 0.42 0.00	32.24 0.54 0.00	30.99 0.00 0.00	30.66 0.15 0.00	27.65 0.22 0.00
GREENIDGE___3 23582	21.81 -0.02 0.00	20.17 -0.12 0.00	19.29 -0.18 0.00	19.14 -0.17 0.00	20.11 -0.14 0.00	21.83 -0.09 0.00	29.75 0.35 0.00	33.06 0.13 0.00	32.26 0.48 0.00	30.33 0.39 0.00	31.37 0.55 0.00	31.21 0.43 0.00	30.23 0.30 0.00	30.01 0.41 0.00	30.27 0.27 0.00	31.31 0.16 0.00	39.62 0.51 0.00	46.88 0.51 0.00	42.46 0.38 0.00	38.95 0.42 0.00	32.24 0.54 0.00	30.99 0.00 0.00	30.66 0.15 0.00	27.65 0.22 0.00
GREENIDGE___4 23583	21.81 -0.02 0.00	20.17 -0.12 0.00	19.29 -0.18 0.00	19.14 -0.17 0.00	20.11 -0.14 0.00	21.98 0.07 0.00	29.81 0.41 0.00	33.12 0.20 0.00	32.26 0.48 0.00	30.33 0.39 0.00	31.37 0.56 0.00	31.21 0.43 0.00	30.29 0.36 0.00	30.01 0.41 0.00	30.27 0.27 0.00	31.43 0.28 0.00	39.62 0.51 0.00	46.88 0.51 0.00	42.46 0.38 0.00	38.95 0.42 0.00	32.46 0.76 0.00	31.27 0.28 0.00	30.60 0.09 0.00	27.60 0.17 0.00
GREENLWN_69_KV_BK 3 55738	25.04 1.70 -1.51	23.75 1.87 -1.59	23.83 1.95 -2.41	24.24 2.05 -2.87	25.09 1.74 -3.10	27.16 1.58 -3.67	37.46 2.18 -5.89	40.67 2.54 -5.21	38.79 2.83 -4.18	32.60 2.66 0.00	33.28 2.46 0.00	33.37 2.59 0.00	37.50 2.63 -4.93	37.42 2.52 -5.31	38.55 2.31 -6.24	39.91 2.06 -6.70	50.20 3.01 -8.07	65.23 4.13 -14.74	55.91 3.20 -10.64	52.16 2.93 -10.71	43.12 1.93 -9.49	40.72 1.83 -7.91	36.96 2.44 -4.01	32.20 2.25 -2.52
GREENWD_138_KV_38B11_REV_LBMP_J 345004	23.47 1.64 0.00	21.73 1.44 0.00	20.89 1.42 0.00	20.67 1.35 0.00	21.61 1.36 0.00	23.08 1.16 0.00	30.72 1.32 0.00	34.83 1.91 0.00	33.56 1.78 0.00	31.77 1.83 0.00	32.41 1.60 0.00	32.41 1.63 0.00	31.64 1.71 0.00	31.22 1.63 0.00	31.74 1.74 0.00	32.89 1.74 0.00	41.97 2.86 0.00	50.31 3.94 0.00	45.15 3.07 0.00	41.33 2.81 0.00	33.35 1.65 0.00	32.60 1.61 0.00	32.43 1.92 0.00	29.41 1.98 -0.01
GRISSOM___SOLAR 323813	23.80 1.97 0.00	22.08 1.79 0.00	21.12 1.65 0.00	20.98 1.66 0.00	22.14 1.88 0.00	24.15 2.24 0.00	32.60 3.20 0.00	36.68 3.75 0.00	35.47 3.69 0.00	33.05 3.11 0.00	34.05 3.23 0.00	33.71 2.93 0.00	32.93 2.99 0.00	32.85 3.26 0.00	33.48 3.48 0.00	34.98 3.83 0.00	44.51 5.40 0.00	53.28 6.91 0.00	48.05 5.97 0.00	43.69 5.16 0.00	35.91 4.22 0.00	34.77 3.78 0.00	33.93 3.42 0.00	30.31 2.88 0.00
GROVEVILLE___HYD 323602	22.97 1.14 0.00	21.32 1.03 0.00	20.46 0.99 0.00	20.24 0.93 0.00	21.20 0.95 0.00	22.94 1.03 0.00	30.81 1.41 0.00	34.90 1.98 0.00	33.59 1.81 0.00	31.71 1.77 0.00	32.44 1.63 0.00	32.41 1.63 0.00	31.58 1.65 0.00	31.16 1.57 0.00	31.68 1.68 0.00	32.99 1.84 0.00	41.89 2.78 0.00	50.17 3.80 0.00	45.15 3.07 0.00	41.26 2.74 0.00	33.57 1.87 0.00	32.82 1.83 0.00	32.13 1.62 0.00	28.91 1.48 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	21.74 -0.09 0.00	20.15 -0.14 0.00	19.31 -0.16 0.00	19.18 -0.14 0.00	20.11 -0.14 0.00	21.80 -0.11 0.00	29.34 -0.06 0.00	32.69 -0.23 0.00	31.62 -0.16 0.00	29.79 -0.15 0.00	30.78 -0.03 0.00	30.69 -0.09 0.00	29.81 -0.12 0.00	29.50 -0.09 0.00	29.82 -0.18 0.00	30.96 -0.19 0.00	39.19 0.08 0.00	46.51 0.14 0.00	42.08 0.00 0.00	38.52 0.00 0.00	31.60 -0.10 0.00	30.71 -0.28 0.00	30.24 -0.27 0.00	27.24 -0.19 0.00
HAMLTNNY_34_KV_TB 80303	21.72 -0.11 0.00	20.15 -0.14 0.00	19.31 -0.16 0.00	19.16 -0.15 0.00	20.11 -0.14 0.00	21.80 -0.11 0.00	29.40 0.00 0.00	32.76 -0.16 0.00	31.72 -0.06 0.00	29.88 -0.06 0.00	30.87 0.06 0.00	30.78 0.00 0.00	29.87 -0.06 0.00	29.56 -0.03 0.00	29.91 -0.09 0.00	31.03 -0.12 0.00	39.31 0.20 0.00	46.60 0.23 0.00	42.21 0.13 0.00	38.64 0.12 0.00	31.70 0.00 0.00	30.74 -0.25 0.00	30.30 -0.21 0.00	27.29 -0.14 0.00

HAMPSHIRE___PAPER_HYD 323593	21.24 -0.59 0.00	19.78 -0.51 0.00	18.96 -0.51 0.00	18.85 -0.46 0.00	19.77 -0.49 0.00	21.39 -0.53 0.00	28.58 -0.82 0.00	31.87 -1.05 0.00	30.70 -1.08 0.00	28.98 -0.96 0.00	29.89 -0.92 0.00	29.92 -0.86 0.00	29.04 -0.90 0.00	28.80 -0.80 0.00	29.34 -0.66 0.00	30.49 -0.66 0.00	38.17 -0.94 0.00	45.31 -1.06 0.00	41.24 -0.84 0.00	37.83 -0.69 0.00	31.09 -0.60 0.00	30.46 -0.53 0.00	30.05 -0.46 0.00	26.94 -0.49 0.00
HARDSCRABBLE_WT_PWR 323673	22.24 0.41 0.00	20.70 0.41 0.00	19.86 0.39 0.00	19.70 0.39 0.00	20.66 0.40 0.00	22.35 0.44 0.00	29.99 0.59 0.00	33.55 0.62 0.00	32.32 0.54 0.00	30.36 0.42 0.00	31.18 0.37 0.00	31.06 0.28 0.00	30.26 0.33 0.00	29.92 0.33 0.00	30.36 0.36 0.00	31.55 0.40 0.00	39.82 0.70 0.00	47.30 0.93 0.00	42.88 0.80 0.00	39.25 0.73 0.00	32.27 0.57 0.00	31.48 0.49 0.00	31.09 0.58 0.00	27.93 0.49 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	22.84 1.00 0.00	21.20 0.91 0.00	20.35 0.88 0.00	20.13 0.81 0.00	21.08 0.83 0.00	22.81 0.90 0.00	30.63 1.23 0.00	34.74 1.81 0.00	33.44 1.65 0.00	31.59 1.65 0.00	32.29 1.48 0.00	32.29 1.51 0.00	31.46 1.53 0.00	31.01 1.42 0.00	31.53 1.53 0.00	32.80 1.65 0.00	41.65 2.54 0.00	49.89 3.52 0.00	44.81 2.74 0.00	41.03 2.50 0.00	33.35 1.65 0.00	32.60 1.61 0.00	31.98 1.46 0.00	28.78 1.34 0.00
HARSNRAD_115KV_TB1 81005	20.52 -1.31 0.00	18.93 -1.36 0.00	18.15 -1.32 0.00	17.96 -1.35 0.00	18.86 -1.40 0.00	20.42 -1.49 0.00	28.02 -1.38 0.00	30.65 -2.27 0.00	30.29 -1.49 0.00	28.50 -1.44 0.00	29.46 -1.36 0.00	29.33 -1.45 0.00	28.41 -1.53 0.00	28.23 -1.36 0.00	28.38 -1.62 0.00	29.00 -2.15 0.00	37.39 -1.72 0.00	43.31 -3.06 0.00	39.30 -2.78 0.00	36.10 -2.43 0.00	29.89 -1.81 0.00	28.32 -2.66 0.00	28.50 -2.01 0.00	26.00 -1.43 0.00
HARZA MOOSE___RIVER 24016	21.81 -0.02 0.00	20.29 0.00 0.00	19.43 -0.04 0.00	19.30 -0.02 0.00	20.25 0.00 0.00	22.02 0.11 0.00	29.55 0.15 0.00	33.12 0.20 0.00	31.94 0.16 0.00	30.15 0.21 0.00	31.06 0.25 0.00	30.96 0.18 0.00	30.08 0.15 0.00	29.86 0.27 0.00	30.42 0.42 0.00	31.74 0.59 0.00	40.21 1.10 0.00	47.81 1.44 0.00	43.34 1.26 0.00	39.64 1.12 0.00	32.52 0.82 0.00	31.64 0.65 0.00	31.15 0.64 0.00	27.87 0.44 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	21.59 -0.24 0.00	20.01 -0.28 0.00	19.20 -0.27 0.00	19.05 -0.27 0.00	19.97 -0.28 0.00	21.65 -0.26 0.00	29.10 -0.29 0.00	32.43 -0.49 0.00	31.37 -0.41 0.00	29.55 -0.39 0.00	30.53 -0.28 0.00	30.44 -0.34 0.00	29.57 -0.36 0.00	29.27 -0.33 0.00	29.58 -0.42 0.00	30.71 -0.44 0.00	38.84 -0.27 0.00	46.09 -0.28 0.00	41.70 -0.38 0.00	38.18 -0.35 0.00	31.32 -0.38 0.00	30.43 -0.56 0.00	29.96 -0.55 0.00	26.99 -0.44 0.00
HELLGATE_13_KV_LD 55870	23.14 1.31 0.00	21.41 1.12 0.00	20.58 1.11 0.00	20.36 1.04 0.00	21.29 1.03 0.00	22.97 1.05 0.00	30.75 1.35 0.00	35.03 2.11 0.00	33.72 1.94 0.00	31.89 1.95 0.00	32.57 1.76 0.00	32.56 1.79 0.00	31.79 1.86 0.00	31.34 1.75 0.00	31.86 1.86 0.00	33.05 1.90 0.00	41.97 2.86 0.00	50.17 3.80 0.00	45.02 2.95 0.00	41.22 2.70 0.00	33.44 1.74 0.00	32.75 1.77 0.00	32.28 1.77 0.00	29.25 1.81 -0.01
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	23.14 1.31 0.00	21.41 1.12 0.00	20.58 1.11 0.00	20.36 1.04 0.00	21.29 1.03 0.00	22.97 1.05 0.00	30.75 1.35 0.00	35.03 2.11 0.00	33.72 1.94 0.00	31.89 1.95 0.00	32.57 1.76 0.00	32.56 1.79 0.00	31.79 1.86 0.00	31.34 1.75 0.00	31.86 1.86 0.00	33.05 1.90 0.00	41.97 2.86 0.00	50.17 3.80 0.00	45.02 2.95 0.00	41.22 2.70 0.00	33.44 1.74 0.00	32.75 1.77 0.00	32.28 1.77 0.00	29.25 1.81 -0.01
HEMPSTEAD___ 23647	24.84 1.51 -1.51	23.21 1.38 -1.54	23.17 1.34 -2.36	23.43 1.29 -2.82	24.61 1.32 -3.04	26.90 1.31 -3.67	37.17 1.88 -5.89	40.84 2.70 -5.21	38.50 2.54 -4.18	32.36 2.42 0.00	33.06 2.25 0.00	33.12 2.34 0.00	37.17 2.31 -4.93	37.15 2.25 -5.31	38.58 2.34 -6.24	40.25 2.40 -6.70	50.74 3.56 -8.07	65.79 4.68 -14.74	56.46 3.74 -10.64	52.66 3.43 -10.71	43.76 2.57 -9.49	41.06 2.17 -7.91	36.84 2.32 -4.01	32.01 2.06 -2.52
HEWLETT___69_KV_BK3 55828	24.93 1.59 -1.51	23.22 1.42 -1.51	23.18 1.38 -2.33	23.44 1.33 -2.79	24.65 1.38 -3.02	27.05 1.47 -3.67	37.34 2.06 -5.89	41.04 2.90 -5.21	38.66 2.70 -4.18	32.51 2.57 0.00	33.21 2.40 0.00	33.24 2.46 0.00	37.38 2.51 -4.93	37.30 2.40 -5.31	38.76 2.52 -6.24	40.53 2.68 -6.70	50.90 3.72 -8.07	65.97 4.87 -14.74	56.67 3.96 -10.64	52.86 3.62 -10.71	43.72 2.54 -9.49	41.50 2.60 -7.91	36.96 2.44 -4.01	32.12 2.17 -2.52
HICKLING___1 23621	21.81 -0.02 0.00	20.17 -0.12 0.00	19.31 -0.16 0.00	19.14 -0.17 0.00	20.07 -0.18 0.00	21.78 -0.13 0.00	29.66 0.26 0.00	32.96 0.03 0.00	32.20 0.41 0.00	30.24 0.30 0.00	31.27 0.46 0.00	31.12 0.34 0.00	30.14 0.21 0.00	29.89 0.30 0.00	30.18 0.18 0.00	31.18 0.03 0.00	39.81 0.70 0.00	47.11 0.74 0.00	42.54 0.46 0.00	39.06 0.54 0.00	32.14 0.44 0.00	30.96 -0.03 0.00	30.66 0.15 0.00	27.71 0.27 0.00
HICKLING___2 23622	21.81 -0.02 0.00	20.17 -0.12 0.00	19.31 -0.16 0.00	19.14 -0.17 0.00	20.07 -0.18 0.00	21.78 -0.13 0.00	29.66 0.26 0.00	32.96 0.03 0.00	32.20 0.41 0.00	30.24 0.30 0.00	31.27 0.46 0.00	31.12 0.34 0.00	30.14 0.21 0.00	29.89 0.30 0.00	30.18 0.18 0.00	31.18 0.03 0.00	39.81 0.70 0.00	47.11 0.74 0.00	42.54 0.46 0.00	39.06 0.54 0.00	32.14 0.44 0.00	30.96 -0.03 0.00	30.66 0.15 0.00	27.71 0.27 0.00
HIGH FALLS___HY 23754	23.01 1.18 0.00	21.35 1.06 0.00	20.46 0.99 0.00	20.26 0.95 0.00	21.22 0.97 0.00	22.97 1.05 0.00	30.90 1.50 0.00	34.93 2.01 0.00	33.56 1.78 0.00	31.74 1.80 0.00	32.41 1.60 0.00	32.38 1.60 0.00	31.55 1.62 0.00	31.10 1.51 0.00	31.65 1.65 0.00	32.96 1.81 0.00	41.93 2.82 0.00	50.22 3.85 0.00	45.19 3.11 0.00	41.33 2.81 0.00	33.60 1.90 0.00	32.78 1.80 0.00	32.16 1.65 0.00	28.94 1.51 0.00
HILLBURN___GT 23639	22.84 1.00 0.00	21.18 0.89 0.00	20.35 0.88 0.00	20.13 0.81 0.00	21.08 0.83 0.00	22.73 0.81 0.00	30.60 1.21 0.00	34.83 1.91 0.00	33.53 1.75 0.00	31.65 1.71 0.00	32.35 1.54 0.00	32.35 1.57 0.00	31.49 1.56 0.00	31.07 1.48 0.00	31.59 1.59 0.00	32.77 1.62 0.00	41.69 2.58 0.00	49.94 3.57 0.00	44.81 2.73 0.00	41.03 2.50 0.00	33.53 1.84 0.00	32.44 1.46 0.00	32.07 1.56 0.00	28.83 1.40 0.00
HILLSIDE_115KV_TB1 80332	21.59 -0.24 0.00	19.99 -0.30 0.00	19.14 -0.33 0.00	18.97 -0.35 0.00	19.91 -0.34 0.00	21.59 -0.33 0.00	29.34 -0.06 0.00	32.60 -0.33 0.00	31.78 0.00 0.00	29.88 -0.06 0.00	30.84 0.03 0.00	30.72 -0.06 0.00	29.75 -0.18 0.00	29.47 -0.12 0.00	29.79 -0.21 0.00	30.78 -0.37 0.00	39.27 0.16 0.00	46.42 0.05 0.00	41.91 -0.17 0.00	38.48 -0.04 0.00	31.63 -0.06 0.00	30.52 -0.46 0.00	30.27 -0.24 0.00	27.35 -0.08 0.00

HISHELDN_WT_PWR 323625	20.76 -1.07 0.00	19.13 -1.16 0.00	18.32 -1.15 0.00	18.16 -1.16 0.00	19.06 -1.19 0.00	20.93 -0.99 0.00	28.40 -1.00 0.00	31.11 -1.81 0.00	30.67 -1.11 0.00	28.89 -1.05 0.00	29.82 -0.99 0.00	29.73 -1.05 0.00	28.98 -0.96 0.00	28.65 -0.95 0.00	28.89 -1.11 0.00	29.87 -1.28 0.00	38.13 -0.98 0.00	44.56 -1.81 0.00	40.39 -1.68 0.00	37.10 -1.42 0.00	30.97 -0.73 0.00	29.78 -1.21 0.00	29.11 -1.40 0.00	26.50 -0.93 0.00
HOLTSVILLE_IC_1 23690	25.28 1.94 -1.51	23.68 1.79 -1.60	23.60 1.71 -2.42	23.86 1.66 -2.89	25.06 1.70 -3.11	27.34 1.75 -3.67	37.61 2.32 -5.89	41.33 3.19 -5.21	38.85 2.89 -4.18	32.66 2.72 0.00	33.34 2.53 0.00	33.39 2.61 0.00	37.47 2.60 -4.93	37.48 2.57 -5.31	38.94 2.70 -6.24	40.56 2.71 -6.70	51.21 4.03 -8.07	66.30 5.19 -14.74	56.88 4.17 -10.64	53.09 3.85 -10.71	44.07 2.88 -9.49	41.38 2.48 -7.91	37.15 2.62 -4.01	32.36 2.41 -2.52
HOLTSVILLE_IC_10 23699	25.39 2.05 -1.51	23.78 1.89 -1.60	23.70 1.81 -2.42	23.96 1.76 -2.88	25.18 1.82 -3.11	27.44 1.86 -3.67	37.78 2.50 -5.89	41.53 3.39 -5.21	39.04 3.08 -4.18	32.84 2.90 0.00	33.52 2.71 0.00	33.55 2.77 0.00	37.68 2.81 -4.93	37.66 2.75 -5.31	39.15 2.91 -6.24	40.78 2.93 -6.70	51.53 4.34 -8.07	66.67 5.56 -14.74	57.17 4.46 -10.64	53.40 4.16 -10.71	44.33 3.14 -9.49	41.59 2.69 -7.91	37.33 2.81 -4.01	32.53 2.58 -2.52
HOLTSVILLE_IC_2 23691	25.28 1.94 -1.51	23.68 1.79 -1.60	23.60 1.71 -2.42	23.86 1.66 -2.89	25.06 1.70 -3.11	27.34 1.75 -3.67	37.61 2.32 -5.89	41.33 3.19 -5.21	38.85 2.89 -4.18	32.66 2.72 0.00	33.34 2.53 0.00	33.39 2.61 0.00	37.47 2.60 -4.93	37.48 2.57 -5.31	38.94 2.70 -6.24	40.56 2.71 -6.70	51.21 4.03 -8.07	66.30 5.19 -14.74	56.88 4.17 -10.64	53.09 3.85 -10.71	44.07 2.88 -9.49	41.38 2.48 -7.91	37.15 2.62 -4.01	32.36 2.41 -2.52
HOLTSVILLE_IC_3 23692	25.28 1.94 -1.51	23.68 1.79 -1.60	23.60 1.71 -2.42	23.86 1.66 -2.89	25.06 1.70 -3.11	27.34 1.75 -3.67	37.61 2.32 -5.89	41.33 3.19 -5.21	38.85 2.89 -4.18	32.66 2.72 0.00	33.34 2.53 0.00	33.39 2.61 0.00	37.47 2.60 -4.93	37.48 2.57 -5.31	38.94 2.70 -6.24	40.56 2.71 -6.70	51.21 4.03 -8.07	66.30 5.19 -14.74	56.88 4.17 -10.64	53.09 3.85 -10.71	44.07 2.88 -9.49	41.38 2.48 -7.91	37.15 2.62 -4.01	32.36 2.41 -2.52
HOLTSVILLE_IC_4 23693	25.28 1.94 -1.51	23.68 1.79 -1.60	23.60 1.71 -2.42	23.86 1.66 -2.89	25.06 1.70 -3.11	27.34 1.75 -3.67	37.61 2.32 -5.89	41.33 3.19 -5.21	38.85 2.89 -4.18	32.66 2.72 0.00	33.34 2.53 0.00	33.39 2.61 0.00	37.47 2.60 -4.93	37.48 2.57 -5.31	38.94 2.70 -6.24	40.56 2.71 -6.70	51.21 4.03 -8.07	66.30 5.19 -14.74	56.88 4.17 -10.64	53.09 3.85 -10.71	44.07 2.88 -9.49	41.38 2.48 -7.91	37.15 2.62 -4.01	32.36 2.41 -2.52
HOLTSVILLE_IC_5 23694	25.28 1.94 -1.51	23.68 1.79 -1.60	23.60 1.71 -2.42	23.86 1.66 -2.89	25.06 1.70 -3.11	27.34 1.75 -3.67	37.61 2.32 -5.89	41.33 3.19 -5.21	38.85 2.89 -4.18	32.66 2.72 0.00	33.34 2.53 0.00	33.39 2.61 0.00	37.47 2.60 -4.93	37.48 2.57 -5.31	38.94 2.70 -6.24	40.56 2.71 -6.70	51.21 4.03 -8.07	66.30 5.19 -14.74	56.88 4.17 -10.64	53.09 3.85 -10.71	44.07 2.88 -9.49	41.38 2.48 -7.91	37.15 2.62 -4.01	32.36 2.41 -2.52
HOLTSVILLE_IC_6 23695	25.39 2.05 -1.51	23.78 1.89 -1.60	23.70 1.81 -2.42	23.96 1.76 -2.88	25.18 1.82 -3.11	27.44 1.86 -3.67	37.78 2.50 -5.89	41.53 3.39 -5.21	39.04 3.08 -4.18	32.84 2.90 0.00	33.52 2.71 0.00	33.55 2.77 0.00	37.68 2.81 -4.93	37.66 2.75 -5.31	39.15 2.91 -6.24	40.78 2.93 -6.70	51.53 4.34 -8.07	66.67 5.56 -14.74	57.17 4.46 -10.64	53.40 4.16 -10.71	44.33 3.14 -9.49	41.59 2.69 -7.91	37.33 2.81 -4.01	32.53 2.58 -2.52
HOLTSVILLE_IC_7 23696	25.39 2.05 -1.51	23.78 1.89 -1.60	23.70 1.81 -2.42	23.96 1.76 -2.88	25.18 1.82 -3.11	27.44 1.86 -3.67	37.78 2.50 -5.89	41.53 3.39 -5.21	39.04 3.08 -4.18	32.84 2.90 0.00	33.52 2.71 0.00	33.55 2.77 0.00	37.68 2.81 -4.93	37.66 2.75 -5.31	39.15 2.91 -6.24	40.78 2.93 -6.70	51.53 4.34 -8.07	66.67 5.56 -14.74	57.17 4.46 -10.64	53.40 4.16 -10.71	44.33 3.14 -9.49	41.59 2.69 -7.91	37.33 2.81 -4.01	32.53 2.58 -2.52
HOLTSVILLE_IC_8 23697	25.39 2.05 -1.51	23.78 1.89 -1.60	23.70 1.81 -2.42	23.96 1.76 -2.88	25.18 1.82 -3.11	27.44 1.86 -3.67	37.78 2.50 -5.89	41.53 3.39 -5.21	39.04 3.08 -4.18	32.84 2.90 0.00	33.52 2.71 0.00	33.55 2.77 0.00	37.68 2.81 -4.93	37.66 2.75 -5.31	39.15 2.91 -6.24	40.78 2.93 -6.70	51.53 4.34 -8.07	66.67 5.56 -14.74	57.17 4.46 -10.64	53.40 4.16 -10.71	44.33 3.14 -9.49	41.59 2.69 -7.91	37.33 2.81 -4.01	32.53 2.58 -2.52
HOLTSVILLE_IC_9 23698	25.39 2.05 -1.51	23.78 1.89 -1.60	23.70 1.81 -2.42	23.96 1.76 -2.88	25.18 1.82 -3.11	27.44 1.86 -3.67	37.78 2.50 -5.89	41.53 3.39 -5.21	39.04 3.08 -4.18	32.84 2.90 0.00	33.52 2.71 0.00	33.55 2.77 0.00	37.68 2.81 -4.93	37.66 2.75 -5.31	39.15 2.91 -6.24	40.78 2.93 -6.70	51.53 4.34 -8.07	66.67 5.56 -14.74	57.17 4.46 -10.64	53.40 4.16 -10.71	44.33 3.14 -9.49	41.59 2.69 -7.91	37.33 2.81 -4.01	32.53 2.58 -2.52
HOMER_HL_115KV_TB2 355744	21.50 -0.33 0.00	19.86 -0.43 0.00	19.02 -0.45 0.00	18.83 -0.48 0.00	19.75 -0.51 0.00	21.43 -0.48 0.00	29.43 0.03 0.00	32.46 -0.46 0.00	31.88 0.10 0.00	29.91 -0.03 0.00	30.87 0.06 0.00	30.75 -0.03 0.00	29.75 -0.18 0.00	29.50 -0.09 0.00	29.76 -0.24 0.00	30.50 -0.65 0.00	39.31 0.20 0.00	46.09 -0.28 0.00	41.49 -0.59 0.00	38.21 -0.31 0.00	31.51 -0.19 0.00	30.15 -0.84 0.00	30.08 -0.43 0.00	27.32 -0.11 0.00
HOWARD_WT_PWR 323690	21.35 -0.48 0.00	19.68 -0.61 0.00	18.83 -0.64 0.00	18.66 -0.66 0.00	19.60 -0.65 0.00	21.48 -0.44 0.00	29.22 -0.18 0.00	32.30 -0.63 0.00	31.66 -0.13 0.00	29.76 -0.18 0.00	30.75 -0.06 0.00	30.57 -0.21 0.00	29.69 -0.24 0.00	29.42 -0.18 0.00	29.67 -0.33 0.00	30.78 -0.37 0.00	39.31 0.20 0.00	46.42 0.05 0.00	42.08 0.00 0.00	38.68 0.15 0.00	32.17 0.48 0.00	30.96 -0.03 0.00	30.27 -0.25 0.00	27.40 -0.03 0.00
HQ_GEN_CEDARS 23644	21.92 0.09 0.00	20.41 0.12 0.00	19.61 0.14 0.00	19.47 0.15 0.00	20.37 0.12 0.00	22.00 0.09 0.00	29.40 0.00 0.00	32.63 -0.30 0.00	31.43 -0.35 0.00	29.76 -0.18 0.00	30.69 0.00 0.00	30.69 -0.09 0.00	29.81 -0.12 0.00	29.50 -0.09 0.00	29.94 -0.06 0.00	30.87 -0.28 0.00	38.21 -0.90 0.00	45.07 -1.30 0.00	41.20 -0.88 0.00	37.83 -0.69 0.00	31.48 -0.22 0.00	30.89 -0.09 0.00	30.60 0.09 0.00	27.46 0.03 0.00
HQ_GEN_CEDARS_PROXY 323590	21.92 0.09 0.00	20.41 0.12 0.00	19.61 0.14 0.00	19.47 0.15 0.00	20.37 0.12 0.00	22.00 0.09 0.00	29.40 0.00 0.00	32.63 -0.30 0.00	31.43 -0.35 0.00	29.76 -0.18 0.00	30.69 0.00 0.00	30.69 -0.09 0.00	29.81 -0.12 0.00	29.50 -0.09 0.00	29.94 -0.06 0.00	32.49 -0.28 -1.62	36.59 -0.90 1.62	45.07 -1.30 0.00	41.19 -0.89 0.00	35.31 -0.69 2.52	33.74 -0.47 -2.52	30.86 -0.12 0.00	30.63 0.12 0.00	27.54 0.11 0.00

HQ_GEN_IMPORT 323601	21.79 -0.04 0.00	20.27 -0.02 0.00	19.47 0.00 0.00	19.32 0.00 0.00	20.23 -0.02 0.00	21.87 -0.04 0.00	29.31 -0.09 0.00	32.76 -0.16 0.00	31.59 -0.19 0.00	29.76 -0.18 0.00	30.63 -0.18 0.00	30.63 -0.15 0.00	29.76 -0.18 0.00	29.42 -0.18 0.00	29.85 -0.15 0.00	33.80 -0.22 -2.87	35.58 -0.67 2.87	45.35 -1.02 0.00	41.40 -0.67 0.00	35.43 -0.58 2.52	33.80 -0.41 -2.52	30.89 -0.09 0.00	30.45 -0.06 0.00	27.40 -0.03 0.00
HQ_GEN_WHEEL 23651	21.79 -0.04 0.00	20.27 -0.02 0.00	19.47 0.00 0.00	19.32 0.00 0.00	20.23 -0.02 0.00	21.87 -0.04 0.00	29.31 -0.09 0.00	32.76 -0.16 0.00	31.59 -0.19 0.00	29.76 -0.18 0.00	30.63 -0.18 0.00	30.63 -0.15 0.00	29.76 -0.18 0.00	29.42 -0.18 0.00	29.85 -0.15 0.00	33.80 -0.22 -2.87	35.58 -0.67 2.87	45.35 -1.02 0.00	41.40 -0.67 0.00	35.43 -0.58 2.52	33.80 -0.41 -2.52	30.89 -0.09 0.00	30.45 -0.06 0.00	27.40 -0.03 0.00
HUDSON AVE_GT_3 23810	23.03 1.20 0.00	21.35 1.06 0.00	20.52 1.05 0.00	20.30 0.99 0.00	21.25 0.99 0.00	22.94 1.03 0.00	30.84 1.44 0.00	35.20 2.27 0.00	33.85 2.07 0.00	31.98 2.04 0.00	32.66 1.85 0.00	32.66 1.88 0.00	31.88 1.95 0.00	31.43 1.83 0.00	31.95 1.95 0.00	33.18 2.02 0.00	42.16 3.05 0.00	50.40 4.03 0.00	45.19 3.11 0.00	41.41 2.89 0.00	33.60 1.90 0.00	32.88 1.89 0.00	32.34 1.83 0.00	29.10 1.67 0.00
HUDSON AVE_GT_4 23540	23.03 1.20 0.00	21.35 1.06 0.00	20.52 1.05 0.00	20.30 0.99 0.00	21.25 0.99 0.00	22.94 1.03 0.00	30.84 1.44 0.00	35.20 2.27 0.00	33.85 2.07 0.00	31.98 2.04 0.00	32.66 1.85 0.00	32.66 1.88 0.00	31.88 1.95 0.00	31.43 1.83 0.00	31.95 1.95 0.00	33.18 2.02 0.00	42.16 3.05 0.00	50.40 4.03 0.00	45.19 3.11 0.00	41.41 2.89 0.00	33.60 1.90 0.00	32.88 1.89 0.00	32.34 1.83 0.00	29.10 1.67 0.00
HUDSON AVE_GT_5 23657	23.03 1.20 0.00	21.35 1.06 0.00	20.52 1.05 0.00	20.30 0.99 0.00	21.25 0.99 0.00	22.94 1.03 0.00	30.84 1.44 0.00	35.20 2.27 0.00	33.85 2.07 0.00	31.98 2.04 0.00	32.66 1.85 0.00	32.66 1.88 0.00	31.88 1.95 0.00	31.43 1.83 0.00	31.95 1.95 0.00	33.18 2.02 0.00	42.16 3.05 0.00	50.40 4.03 0.00	45.19 3.11 0.00	41.41 2.89 0.00	33.60 1.90 0.00	32.88 1.89 0.00	32.34 1.83 0.00	29.10 1.67 0.00
HUDSON_AVE_10 24168	22.99 1.16 0.00	21.30 1.01 0.00	20.46 0.99 0.00	20.26 0.95 0.00	21.18 0.93 0.00	22.90 0.99 0.00	30.78 1.38 0.00	35.16 2.24 0.00	33.82 2.03 0.00	31.98 2.04 0.00	32.66 1.85 0.00	32.66 1.88 0.00	31.88 1.95 0.00	31.43 1.83 0.00	31.95 1.95 0.00	33.18 2.02 0.00	42.16 3.05 0.00	50.40 4.03 0.00	45.19 3.11 0.00	41.41 2.89 0.00	33.60 1.90 0.00	32.88 1.89 0.00	32.28 1.77 0.00	29.05 1.62 0.00
HUDSON___115KV_TB 4 355613	22.44 0.61 0.00	20.92 0.63 0.00	20.07 0.60 0.00	19.92 0.60 0.00	20.90 0.65 0.00	22.57 0.66 0.00	30.31 0.91 0.00	33.98 1.05 0.00	32.80 1.02 0.00	30.84 0.90 0.00	31.64 0.83 0.00	31.67 0.89 0.00	30.80 0.87 0.00	30.45 0.86 0.00	30.93 0.93 0.00	32.27 1.12 0.00	40.83 1.72 0.00	48.83 2.46 0.00	44.27 2.19 0.00	40.33 1.81 0.00	32.97 1.27 0.00	32.26 1.27 0.00	31.55 1.04 0.00	28.34 0.91 0.00
HUNTER MOUNT___DRP 323613	22.53 0.70 0.00	21.00 0.71 0.00	20.13 0.66 0.00	19.97 0.66 0.00	20.98 0.73 0.00	22.66 0.75 0.00	30.43 1.03 0.00	33.98 1.05 0.00	32.80 1.02 0.00	30.87 0.93 0.00	31.64 0.83 0.00	31.67 0.89 0.00	30.77 0.84 0.00	30.45 0.86 0.00	30.90 0.90 0.00	32.30 1.15 0.00	40.91 1.80 0.00	48.97 2.60 0.00	44.44 2.36 0.00	40.49 1.96 0.00	33.12 1.43 0.00	32.38 1.39 0.00	31.64 1.13 0.00	28.42 0.99 0.00
HUNTINGTON_RES_REC 323705	25.17 1.83 -1.51	23.75 1.87 -1.60	23.77 1.89 -2.41	24.13 1.93 -2.88	25.09 1.74 -3.10	27.23 1.64 -3.67	37.58 2.29 -5.89	41.00 2.86 -5.21	38.85 2.89 -4.18	32.66 2.72 0.00	33.34 2.53 0.00	33.43 2.65 0.00	37.50 2.63 -4.93	37.54 2.63 -5.31	38.88 2.64 -6.24	40.31 2.46 -6.70	50.78 3.60 -8.07	65.84 4.73 -14.74	56.46 3.74 -10.64	52.70 3.47 -10.71	43.73 2.54 -9.49	41.06 2.17 -7.91	37.24 2.71 -4.01	32.36 2.41 -2.52
HUNTLEY___63 23557	20.65 -1.18 0.00	19.05 -1.24 0.00	18.24 -1.23 0.00	18.08 -1.24 0.00	18.98 -1.28 0.00	20.60 -1.31 0.00	28.22 -1.18 0.00	30.92 -2.01 0.00	30.54 -1.24 0.00	28.74 -1.20 0.00	29.70 -1.11 0.00	29.58 -1.20 0.00	28.65 -1.29 0.00	28.50 -1.09 0.00	28.62 -1.38 0.00	29.22 -1.93 0.00	37.70 -1.41 0.00	43.73 -2.64 0.00	39.68 -2.40 0.00	36.44 -2.08 0.00	30.14 -1.55 0.00	28.60 -2.39 0.00	28.74 -1.77 0.00	26.20 -1.23 0.00
HUNTLEY___64 23558	20.65 -1.18 0.00	19.05 -1.24 0.00	18.24 -1.23 0.00	18.08 -1.24 0.00	18.98 -1.28 0.00	20.60 -1.31 0.00	28.22 -1.18 0.00	30.92 -2.01 0.00	30.54 -1.24 0.00	28.74 -1.20 0.00	29.70 -1.11 0.00	29.58 -1.20 0.00	28.65 -1.29 0.00	28.50 -1.09 0.00	28.62 -1.38 0.00	29.22 -1.93 0.00	37.70 -1.41 0.00	43.73 -2.64 0.00	39.68 -2.40 0.00	36.44 -2.08 0.00	30.14 -1.55 0.00	28.60 -2.39 0.00	28.74 -1.77 0.00	26.20 -1.23 0.00
HUNTLEY___65 23559	20.65 -1.18 0.00	19.05 -1.24 0.00	18.24 -1.23 0.00	18.08 -1.24 0.00	18.98 -1.28 0.00	20.60 -1.31 0.00	28.22 -1.18 0.00	30.92 -2.01 0.00	30.54 -1.24 0.00	28.74 -1.20 0.00	29.70 -1.11 0.00	29.58 -1.20 0.00	28.65 -1.29 0.00	28.50 -1.09 0.00	28.62 -1.38 0.00	29.22 -1.93 0.00	37.70 -1.41 0.00	43.73 -2.64 0.00	39.68 -2.40 0.00	36.44 -2.08 0.00	30.14 -1.55 0.00	28.60 -2.39 0.00	28.74 -1.77 0.00	26.20 -1.23 0.00
HUNTLEY___66 23560	20.65 -1.18 0.00	19.05 -1.24 0.00	18.24 -1.23 0.00	18.08 -1.24 0.00	18.98 -1.28 0.00	20.60 -1.31 0.00	28.22 -1.18 0.00	30.92 -2.01 0.00	30.54 -1.24 0.00	28.74 -1.20 0.00	29.70 -1.11 0.00	29.58 -1.20 0.00	28.65 -1.29 0.00	28.50 -1.09 0.00	28.62 -1.38 0.00	29.22 -1.93 0.00	37.70 -1.41 0.00	43.73 -2.64 0.00	39.68 -2.40 0.00	36.44 -2.08 0.00	30.14 -1.55 0.00	28.60 -2.39 0.00	28.74 -1.77 0.00	26.20 -1.23 0.00
HUNTLEY___67 23561	20.59 -1.24 0.00	18.99 -1.30 0.00	18.20 -1.27 0.00	18.02 -1.29 0.00	18.92 -1.34 0.00	20.51 -1.40 0.00	28.10 -1.29 0.00	30.78 -2.14 0.00	30.38 -1.40 0.00	28.59 -1.35 0.00	29.55 -1.26 0.00	29.43 -1.35 0.00	28.50 -1.44 0.00	28.35 -1.24 0.00	28.50 -1.50 0.00	29.13 -2.02 0.00	37.51 -1.60 0.00	43.50 -2.87 0.00	39.47 -2.61 0.00	36.25 -2.27 0.00	30.02 -1.68 0.00	28.51 -2.48 0.00	28.65 -1.86 0.00	26.11 -1.32 0.00
HUNTLEY___68 23562	20.59 -1.24 0.00	18.99 -1.30 0.00	18.20 -1.27 0.00	18.02 -1.29 0.00	18.92 -1.34 0.00	20.51 -1.40 0.00	28.10 -1.29 0.00	30.78 -2.14 0.00	30.38 -1.40 0.00	28.59 -1.35 0.00	29.55 -1.26 0.00	29.43 -1.35 0.00	28.50 -1.44 0.00	28.35 -1.24 0.00	28.50 -1.50 0.00	29.13 -2.02 0.00	37.51 -1.60 0.00	43.50 -2.87 0.00	39.47 -2.61 0.00	36.25 -2.27 0.00	30.02 -1.68 0.00	28.51 -2.48 0.00	28.65 -1.86 0.00	26.11 -1.32 0.00

HYLAND___LFGE 323620	22.24 0.41 0.00	20.43 0.14 0.00	19.53 0.06 0.00	19.38 0.06 0.00	20.40 0.14 0.00	22.42 0.50 0.00	30.60 1.21 0.00	33.81 0.89 0.00	33.09 1.30 0.00	31.05 1.11 0.00	32.01 1.20 0.00	31.79 1.01 0.00	30.92 0.99 0.00	30.54 0.95 0.00	30.87 0.87 0.00	32.15 1.00 0.00	41.26 2.15 0.00	48.60 2.23 0.00	44.06 1.98 0.00	40.52 2.00 0.00	33.44 1.74 0.00	32.01 1.02 0.00	31.21 0.70 0.00	28.14 0.71 0.00
INDECK___CORINTH 23802	22.55 0.72 0.00	20.94 0.65 0.00	20.07 0.60 0.00	19.92 0.60 0.00	20.96 0.71 0.00	22.73 0.81 0.00	30.63 1.23 0.00	34.54 1.61 0.00	33.50 1.72 0.00	31.41 1.47 0.00	32.32 1.51 0.00	32.32 1.54 0.00	31.40 1.47 0.00	31.07 1.48 0.00	31.53 1.53 0.00	32.86 1.71 0.00	41.62 2.51 0.00	49.71 3.34 0.00	44.90 2.82 0.00	40.87 2.35 0.00	33.57 1.87 0.00	32.54 1.55 0.00	31.85 1.34 0.00	28.56 1.13 0.00
INDECK___ILION 23567	22.14 0.31 0.00	20.59 0.30 0.00	19.76 0.29 0.00	19.61 0.29 0.00	20.56 0.30 0.00	22.26 0.35 0.00	29.87 0.47 0.00	33.45 0.53 0.00	32.29 0.51 0.00	30.39 0.45 0.00	31.24 0.43 0.00	31.18 0.40 0.00	30.35 0.42 0.00	30.01 0.41 0.00	30.45 0.45 0.00	31.68 0.53 0.00	39.89 0.78 0.00	47.39 1.02 0.00	42.96 0.88 0.00	39.29 0.77 0.00	32.24 0.54 0.00	31.51 0.53 0.00	31.06 0.55 0.00	27.90 0.47 0.00
INDECK___OLEAN 23982	21.50 -0.33 0.00	19.86 -0.43 0.00	19.02 -0.45 0.00	18.85 -0.46 0.00	19.77 -0.49 0.00	21.69 -0.22 0.00	29.52 0.12 0.00	32.46 -0.46 0.00	31.88 0.10 0.00	29.91 -0.03 0.00	30.87 0.06 0.00	30.75 -0.03 0.00	29.87 -0.06 0.00	29.50 -0.09 0.00	29.76 -0.24 0.00	30.68 -0.47 0.00	39.31 0.20 0.00	46.09 -0.28 0.00	41.49 -0.59 0.00	38.21 -0.31 0.00	31.86 0.16 0.00	30.58 -0.40 0.00	30.02 -0.49 0.00	27.29 -0.14 0.00
INDECK___OSWEGO 23783	21.33 -0.50 0.00	19.78 -0.51 0.00	18.96 -0.51 0.00	18.83 -0.48 0.00	19.75 -0.51 0.00	21.43 -0.48 0.00	28.75 -0.65 0.00	32.04 -0.89 0.00	30.96 -0.83 0.00	29.16 -0.78 0.00	30.10 -0.71 0.00	30.04 -0.74 0.00	29.22 -0.72 0.00	28.88 -0.71 0.00	29.22 -0.78 0.00	30.37 -0.78 0.00	38.37 -0.74 0.00	45.54 -0.83 0.00	41.24 -0.84 0.00	37.75 -0.77 0.00	31.06 -0.63 0.00	30.18 -0.81 0.00	29.63 -0.89 0.00	26.63 -0.80 0.00
INDECK___YERKES 23781	20.67 -1.16 0.00	19.07 -1.22 0.00	18.26 -1.21 0.00	18.10 -1.22 0.00	19.00 -1.26 0.00	20.95 -0.96 0.00	28.37 -1.03 0.00	30.95 -1.97 0.00	30.58 -1.21 0.00	28.77 -1.17 0.00	29.73 -1.08 0.00	29.61 -1.17 0.00	28.89 -1.05 0.00	28.53 -1.06 0.00	28.65 -1.35 0.00	29.56 -1.59 0.00	37.74 -1.37 0.00	43.82 -2.55 0.00	39.72 -2.36 0.00	36.48 -2.04 0.00	30.49 -1.20 0.00	29.31 -1.67 0.00	28.59 -1.92 0.00	26.14 -1.29 0.00
INDIAN POINT_GT_1 24139	22.84 1.00 0.00	21.18 0.89 0.00	20.35 0.88 0.00	20.15 0.83 0.00	21.08 0.83 0.00	22.79 0.88 0.00	30.60 1.21 0.00	34.83 1.91 0.00	33.53 1.75 0.00	31.65 1.71 0.00	32.38 1.57 0.00	32.38 1.60 0.00	31.55 1.62 0.00	31.10 1.51 0.00	31.62 1.62 0.00	32.86 1.71 0.00	41.73 2.62 0.00	49.99 3.62 0.00	44.86 2.78 0.00	41.07 2.54 0.00	33.38 1.68 0.00	32.63 1.64 0.00	32.01 1.50 0.00	28.80 1.37 0.00
INDIAN POINT_GT_2 23659	22.84 1.00 0.00	21.18 0.89 0.00	20.35 0.88 0.00	20.15 0.83 0.00	21.08 0.83 0.00	22.79 0.88 0.00	30.60 1.21 0.00	34.83 1.91 0.00	33.53 1.75 0.00	31.65 1.71 0.00	32.38 1.57 0.00	32.38 1.60 0.00	31.55 1.62 0.00	31.10 1.51 0.00	31.62 1.62 0.00	32.86 1.71 0.00	41.73 2.62 0.00	49.99 3.62 0.00	44.86 2.78 0.00	41.07 2.54 0.00	33.38 1.68 0.00	32.63 1.64 0.00	32.01 1.50 0.00	28.80 1.37 0.00
INDIAN POINT_GT_3 24019	22.84 1.00 0.00	21.18 0.89 0.00	20.35 0.88 0.00	20.15 0.83 0.00	21.08 0.83 0.00	22.79 0.88 0.00	30.60 1.21 0.00	34.83 1.91 0.00	33.53 1.75 0.00	31.65 1.71 0.00	32.38 1.57 0.00	32.38 1.60 0.00	31.55 1.62 0.00	31.10 1.51 0.00	31.62 1.62 0.00	32.86 1.71 0.00	41.73 2.62 0.00	49.99 3.62 0.00	44.86 2.78 0.00	41.07 2.54 0.00	33.38 1.68 0.00	32.63 1.64 0.00	32.01 1.50 0.00	28.80 1.37 0.00
INDIAN POINT___2 23530	22.81 0.98 0.00	21.18 0.89 0.00	20.35 0.88 0.00	20.13 0.81 0.00	21.08 0.83 0.00	22.73 0.81 0.00	30.58 1.18 0.00	34.80 1.88 0.00	33.50 1.72 0.00	31.62 1.68 0.00	32.32 1.51 0.00	32.32 1.54 0.00	31.46 1.53 0.00	31.07 1.48 0.00	31.56 1.56 0.00	32.74 1.59 0.00	41.69 2.58 0.00	49.89 3.52 0.00	44.77 2.70 0.00	40.99 2.47 0.00	33.50 1.81 0.00	32.41 1.43 0.00	32.07 1.56 0.00	28.80 1.37 0.00
INDIAN POINT___3 23531	22.81 0.98 0.00	21.18 0.89 0.00	20.35 0.88 0.00	20.13 0.81 0.00	21.08 0.83 0.00	22.79 0.88 0.00	30.60 1.21 0.00	34.80 1.88 0.00	33.50 1.72 0.00	31.62 1.68 0.00	32.32 1.51 0.00	32.32 1.54 0.00	31.52 1.59 0.00	31.07 1.48 0.00	31.59 1.59 0.00	32.83 1.68 0.00	41.69 2.58 0.00	49.89 3.52 0.00	44.77 2.69 0.00	40.99 2.47 0.00	33.31 1.62 0.00	32.60 1.61 0.00	32.01 1.50 0.00	28.78 1.34 0.00
INGHAM_C_115KV_TB7 356103	22.36 0.52 0.00	20.78 0.49 0.00	19.94 0.47 0.00	19.78 0.46 0.00	20.76 0.51 0.00	22.46 0.55 0.00	30.13 0.73 0.00	33.71 0.79 0.00	32.48 0.70 0.00	30.54 0.60 0.00	31.37 0.55 0.00	31.24 0.46 0.00	30.44 0.51 0.00	30.13 0.53 0.00	30.57 0.57 0.00	31.77 0.62 0.00	40.09 0.98 0.00	47.58 1.21 0.00	43.13 1.05 0.00	39.49 0.96 0.00	32.39 0.70 0.00	31.67 0.68 0.00	31.27 0.76 0.00	28.12 0.69 0.00
IP CORINTH___1 23988	22.55 0.72 0.00	20.94 0.65 0.00	20.07 0.60 0.00	19.92 0.60 0.00	20.96 0.71 0.00	22.75 0.83 0.00	30.66 1.26 0.00	34.54 1.61 0.00	33.50 1.72 0.00	31.41 1.47 0.00	32.32 1.51 0.00	32.32 1.54 0.00	31.40 1.47 0.00	31.07 1.48 0.00	31.53 1.53 0.00	32.89 1.74 0.00	41.61 2.50 0.00	49.71 3.34 0.00	44.90 2.82 0.00	40.87 2.35 0.00	33.41 1.71 0.00	32.60 1.61 0.00	31.85 1.34 0.00	28.53 1.10 0.00
IP___TICONDEROGA 23804	23.12 1.29 0.00	21.43 1.14 0.00	20.52 1.05 0.00	20.36 1.04 0.00	21.47 1.22 0.00	23.36 1.45 0.00	31.57 2.18 0.00	35.62 2.70 0.00	34.71 2.92 0.00	32.45 2.51 0.00	33.43 2.62 0.00	33.43 2.65 0.00	32.36 2.42 0.00	32.11 2.52 0.00	32.58 2.58 0.00	34.05 2.90 0.00	43.14 4.03 0.00	51.66 5.29 0.00	46.58 4.50 0.00	42.30 3.78 0.00	34.58 2.88 0.00	33.62 2.63 0.00	32.74 2.23 0.00	29.32 1.89 0.00
ISLIP_RES_REC 323679	25.48 2.14 -1.51	23.86 1.97 -1.60	23.80 1.91 -2.42	24.04 1.84 -2.88	25.26 1.90 -3.11	27.56 1.97 -3.67	37.96 2.67 -5.89	41.73 3.59 -5.21	39.23 3.27 -4.18	33.00 3.06 0.00	33.68 2.87 0.00	33.73 2.96 0.00	37.86 2.99 -4.93	37.83 2.93 -5.31	39.33 3.09 -6.24	41.00 3.14 -6.70	51.84 4.65 -8.07	67.00 5.89 -14.74	57.51 4.80 -10.64	53.70 4.47 -10.71	44.55 3.36 -9.49	41.78 2.88 -7.91	37.48 2.96 -4.01	32.67 2.72 -2.52

JAMAICA__27_KV_LOAD 355505	23.12 1.29 0.00	21.41 1.12 0.00	20.58 1.11 0.00	20.36 1.04 0.00	21.29 1.03 0.00	23.05 1.14 0.00	31.07 1.68 0.00	35.56 2.63 0.00	34.20 2.42 0.00	32.34 2.40 0.00	33.03 2.22 0.00	33.03 2.25 0.00	32.24 2.30 0.00	31.78 2.19 0.00	32.34 2.34 0.00	33.52 2.37 0.00	42.71 3.60 0.00	51.05 4.68 0.00	45.78 3.70 0.00	41.96 3.43 -0.01	34.01 2.31 0.00	33.22 2.23 0.00	32.62 2.11 0.00	29.30 1.87 0.00
JANIS__SOLAR 323808	22.90 1.07 0.00	21.24 0.95 0.00	20.31 0.84 0.00	20.17 0.85 0.00	21.16 0.91 0.00	23.10 1.18 0.00	31.25 1.85 0.00	34.90 1.98 0.00	33.72 1.94 0.00	31.62 1.68 0.00	32.60 1.79 0.00	32.38 1.60 0.00	31.52 1.59 0.00	31.19 1.60 0.00	31.68 1.68 0.00	33.08 1.93 0.00	42.08 2.97 0.00	50.17 3.80 0.00	45.40 3.32 0.00	41.61 3.08 0.00	34.20 2.50 0.00	33.03 2.04 0.00	32.37 1.86 0.00	28.99 1.56 0.00
JARVIS____ 23743	21.92 0.09 0.00	20.39 0.10 0.00	19.55 0.08 0.00	19.39 0.08 0.00	20.35 0.10 0.00	22.02 0.11 0.00	29.52 0.12 0.00	33.12 0.20 0.00	31.98 0.19 0.00	30.12 0.18 0.00	31.00 0.19 0.00	30.97 0.19 0.00	30.15 0.21 0.00	29.80 0.21 0.00	30.21 0.21 0.00	31.40 0.25 0.00	39.54 0.43 0.00	46.97 0.60 0.00	42.59 0.51 0.00	38.95 0.42 0.00	32.01 0.32 0.00	31.21 0.22 0.00	30.73 0.22 0.00	27.62 0.19 0.00
JENNISON____1 23625	23.05 1.22 0.00	21.43 1.14 0.00	20.46 0.99 0.00	20.32 1.00 0.00	21.35 1.09 0.00	23.23 1.31 0.00	31.43 2.03 0.00	35.26 2.34 0.00	34.10 2.32 0.00	32.07 2.13 0.00	33.00 2.19 0.00	32.81 2.03 0.00	31.88 1.95 0.00	31.61 2.01 0.00	32.10 2.10 0.00	33.46 2.31 0.00	42.59 3.48 0.00	50.73 4.36 0.00	45.91 3.83 0.00	42.03 3.51 0.00	34.36 2.66 0.00	33.25 2.26 0.00	32.77 2.26 0.00	29.35 1.92 0.00
JENNISON____2 23626	23.05 1.22 0.00	21.43 1.14 0.00	20.46 0.99 0.00	20.32 1.00 0.00	21.35 1.09 0.00	23.23 1.31 0.00	31.43 2.03 0.00	35.26 2.34 0.00	34.10 2.32 0.00	32.07 2.13 0.00	33.00 2.19 0.00	32.81 2.03 0.00	31.88 1.95 0.00	31.61 2.01 0.00	32.10 2.10 0.00	33.46 2.31 0.00	42.59 3.48 0.00	50.73 4.36 0.00	45.91 3.83 0.00	42.03 3.51 0.00	34.36 2.66 0.00	33.25 2.26 0.00	32.77 2.26 0.00	29.35 1.92 0.00
JERICOHO_RISE_WT_PWR 323719	21.77 -0.07 0.00	20.45 0.16 0.00	19.70 0.23 0.00	19.61 0.29 0.00	20.41 0.16 0.00	22.11 0.20 0.00	29.28 -0.12 0.00	32.50 -0.43 0.00	31.08 -0.70 0.00	28.95 -0.99 0.00	29.76 -1.05 0.00	29.67 -1.11 0.00	28.71 -1.23 0.00	28.38 -1.21 0.00	28.86 -1.14 0.00	30.06 -1.09 0.00	37.31 -1.80 0.00	43.73 -2.64 0.00	40.10 -1.98 0.00	37.48 -1.04 0.00	31.09 -0.60 0.00	30.93 -0.06 0.00	30.54 0.03 0.00	27.73 0.30 0.00
KATONAH__115KV_46KV_TB4 355592	22.99 1.16 0.00	21.32 1.03 0.00	20.46 0.99 0.00	20.28 0.97 0.00	21.20 0.95 0.00	22.92 1.01 0.00	30.75 1.35 0.00	35.10 2.17 0.00	33.82 2.03 0.00	31.89 1.95 0.00	32.63 1.82 0.00	32.66 1.88 0.00	31.79 1.86 0.00	31.34 1.75 0.00	31.86 1.86 0.00	33.18 2.02 0.00	42.12 3.01 0.00	50.50 4.13 0.00	45.36 3.28 0.00	41.45 2.93 0.00	33.66 1.97 0.00	32.91 1.92 0.00	32.19 1.68 0.00	28.94 1.51 0.00
KCE_NY_1 323755	22.68 0.85 0.00	21.08 0.79 0.00	20.21 0.74 0.00	20.05 0.73 0.00	21.08 0.83 0.00	22.81 0.90 0.00	30.69 1.29 0.00	34.54 1.61 0.00	33.43 1.65 0.00	31.41 1.47 0.00	32.29 1.48 0.00	32.29 1.51 0.00	31.40 1.47 0.00	31.07 1.48 0.00	31.53 1.53 0.00	32.86 1.71 0.00	41.54 2.43 0.00	49.57 3.20 0.00	44.81 2.73 0.00	40.83 2.31 0.00	33.53 1.84 0.00	32.57 1.58 0.00	31.98 1.46 0.00	28.67 1.24 0.00
KCE_NY_6_ESR 323823	20.92 -0.92 0.00	19.30 -0.99 0.00	18.48 -0.99 0.00	18.33 -0.98 0.00	19.22 -1.03 0.00	21.17 -0.75 0.00	28.72 -0.67 0.00	31.38 -1.55 0.00	30.99 -0.79 0.00	29.13 -0.81 0.00	30.10 -0.71 0.00	29.98 -0.80 0.00	29.25 -0.69 0.00	28.88 -0.71 0.00	29.07 -0.93 0.00	30.00 -1.15 0.00	38.29 -0.82 0.00	44.61 -1.76 0.00	40.39 -1.68 0.00	37.10 -1.42 0.00	31.00 -0.70 0.00	29.81 -1.18 0.00	29.08 -1.43 0.00	26.55 -0.88 0.00
KEDC_PORT_JEFF_GT2 24210	25.37 2.03 -1.51	23.78 1.89 -1.60	23.70 1.81 -2.42	23.98 1.78 -2.88	25.16 1.80 -3.11	27.42 1.84 -3.67	37.76 2.47 -5.89	41.46 3.32 -5.21	38.88 2.92 -4.18	32.69 2.75 0.00	33.37 2.56 0.00	33.43 2.65 0.00	37.65 2.78 -4.93	37.62 2.72 -5.31	39.09 2.85 -6.24	40.71 2.86 -6.70	51.45 4.26 -8.07	66.39 5.28 -14.74	56.96 4.25 -10.64	53.32 4.08 -10.71	44.26 3.07 -9.49	41.53 2.63 -7.91	37.30 2.78 -4.01	32.50 2.55 -2.52
KEDC_PORT_JEFF_GT3 24211	25.37 2.03 -1.51	23.78 1.89 -1.60	23.70 1.81 -2.42	23.98 1.78 -2.88	25.16 1.80 -3.11	27.42 1.84 -3.67	37.76 2.47 -5.89	41.46 3.32 -5.21	38.88 2.92 -4.18	32.69 2.75 0.00	33.37 2.56 0.00	33.43 2.65 0.00	37.65 2.78 -4.93	37.62 2.72 -5.31	39.09 2.85 -6.24	40.71 2.86 -6.70	51.45 4.26 -8.07	66.39 5.28 -14.74	56.96 4.25 -10.64	53.32 4.08 -10.71	44.26 3.07 -9.49	41.53 2.63 -7.91	37.30 2.78 -4.01	32.50 2.55 -2.52
KEDC_GLWD_GT4 24219	24.91 1.57 -1.51	23.26 1.44 -1.53	23.22 1.40 -2.35	23.48 1.35 -2.81	24.67 1.38 -3.04	26.96 1.38 -3.67	37.29 2.00 -5.89	40.97 2.83 -5.21	38.63 2.67 -4.18	32.52 2.58 0.00	33.18 2.37 0.00	33.24 2.46 0.00	37.32 2.46 -4.93	37.30 2.40 -5.31	38.73 2.49 -6.24	40.37 2.52 -6.70	50.78 3.60 -8.07	65.84 4.73 -14.74	56.50 3.79 -10.64	52.70 3.47 -10.71	43.79 2.60 -9.49	41.22 2.33 -7.91	36.97 2.44 -4.01	32.12 2.17 -2.52
KEDC_GLWD_GT5 24220	24.91 1.57 -1.51	23.26 1.44 -1.53	23.22 1.40 -2.35	23.48 1.35 -2.81	24.67 1.38 -3.04	26.96 1.38 -3.67	37.29 2.00 -5.89	40.97 2.83 -5.21	38.63 2.67 -4.18	32.52 2.58 0.00	33.18 2.37 0.00	33.24 2.46 0.00	37.32 2.46 -4.93	37.30 2.40 -5.31	38.73 2.49 -6.24	40.37 2.52 -6.70	50.78 3.60 -8.07	65.84 4.73 -14.74	56.50 3.79 -10.64	52.70 3.47 -10.71	43.79 2.60 -9.49	41.22 2.33 -7.91	36.97 2.44 -4.01	32.12 2.17 -2.52
KENSICO____ 23655	22.90 1.07 0.00	21.24 0.95 0.00	20.40 0.93 0.00	20.21 0.89 0.00	21.14 0.89 0.00	22.86 0.94 0.00	30.69 1.29 0.00	34.97 2.04 0.00	33.66 1.88 0.00	31.77 1.83 0.00	32.47 1.66 0.00	32.47 1.69 0.00	31.67 1.74 0.00	31.22 1.63 0.00	31.74 1.74 0.00	32.99 1.84 0.00	41.89 2.78 0.00	50.13 3.76 0.00	45.02 2.95 0.00	41.18 2.66 0.00	33.47 1.78 0.00	32.72 1.74 0.00	32.13 1.62 0.00	28.89 1.45 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	23.01 1.18 0.00	21.32 1.03 0.00	20.46 0.99 0.00	20.26 0.95 0.00	21.22 0.97 0.00	22.97 1.05 0.00	30.90 1.50 0.00	34.90 1.98 0.00	33.56 1.78 0.00	31.71 1.77 0.00	32.38 1.57 0.00	32.35 1.57 0.00	31.55 1.62 0.00	31.10 1.51 0.00	31.65 1.65 0.00	32.96 1.81 0.00	41.93 2.82 0.00	50.22 3.85 0.00	45.19 3.11 0.00	41.33 2.81 0.00	33.60 1.90 0.00	32.82 1.83 0.00	32.16 1.65 0.00	28.94 1.51 0.00

KIAC_JFK_GT1 23816	23.05 1.22 0.00	21.35 1.06 0.00	20.52 1.05 0.00	20.30 0.99 0.00	21.25 0.99 0.00	22.99 1.07 0.00	30.99 1.59 0.00	35.46 2.54 0.00	34.10 2.32 0.00	32.25 2.31 0.00	32.91 2.10 0.00	32.93 2.15 0.00	32.15 2.22 0.00	31.69 2.10 0.00	32.22 2.22 0.00	33.42 2.27 0.00	42.55 3.44 0.00	50.87 4.50 0.00	45.61 3.53 0.00	41.84 3.31 -0.01	33.88 2.19 0.00	33.13 2.14 0.00	32.49 1.98 0.00	29.21 1.78 0.00
KIAC_JFK_GT2 23817	23.05 1.22 0.00	21.35 1.06 0.00	20.52 1.05 0.00	20.30 0.99 0.00	21.25 0.99 0.00	22.99 1.07 0.00	30.99 1.59 0.00	35.46 2.54 0.00	34.10 2.32 0.00	32.25 2.31 0.00	32.91 2.10 0.00	32.93 2.15 0.00	32.15 2.22 0.00	31.69 2.10 0.00	32.22 2.22 0.00	33.42 2.27 0.00	42.55 3.44 0.00	50.87 4.50 0.00	45.61 3.53 0.00	41.84 3.31 -0.01	33.88 2.19 0.00	33.13 2.14 0.00	32.49 1.98 0.00	29.21 1.78 0.00
KIAC_JFK____ 323774	23.05 1.22 0.00	21.34 1.05 0.00	20.52 1.05 0.00	20.30 0.98 0.00	21.24 0.99 0.00	22.90 0.99 0.00	30.96 1.56 0.00	35.46 2.54 0.00	34.10 2.32 0.00	32.25 2.31 0.00	32.91 2.10 0.00	32.93 2.15 0.00	32.06 2.13 0.00	31.69 2.10 0.00	32.22 2.22 0.00	33.33 2.18 0.00	42.55 3.44 0.00	50.87 4.50 0.00	45.61 3.54 0.00	41.84 3.31 -0.01	34.11 2.41 0.00	32.94 1.95 0.00	32.61 2.10 0.00	29.27 1.84 0.00
KINTIGH____ 23543	20.54 -1.29 0.00	18.97 -1.32 0.00	18.18 -1.28 0.00	18.02 -1.29 0.00	18.92 -1.34 0.00	20.51 -1.40 0.00	28.02 -1.38 0.00	30.75 -2.17 0.00	30.26 -1.53 0.00	28.50 -1.44 0.00	29.42 -1.39 0.00	29.33 -1.45 0.00	28.38 -1.56 0.00	28.20 -1.39 0.00	28.38 -1.62 0.00	29.09 -2.06 0.00	37.31 -1.80 0.00	43.40 -2.97 0.00	39.39 -2.69 0.00	36.13 -2.39 0.00	29.86 -1.84 0.00	28.48 -2.51 0.00	28.53 -1.98 0.00	25.95 -1.48 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	22.18 0.35 0.00	20.84 0.55 0.00	20.07 0.60 0.00	19.97 0.66 0.00	20.78 0.53 0.00	22.53 0.61 0.00	29.75 0.35 0.00	33.02 0.10 0.00	31.56 -0.22 0.00	29.34 -0.60 0.00	30.19 -0.62 0.00	30.10 -0.68 0.00	29.13 -0.81 0.00	28.76 -0.83 0.00	29.25 -0.75 0.00	30.53 -0.62 0.00	37.94 -1.17 0.00	44.33 -2.04 0.00	40.65 -1.43 0.00	38.18 -0.35 0.00	31.92 0.22 0.00	31.45 0.46 0.00	30.97 0.46 0.00	27.57 0.14 0.00
LACHUTE____HYDRO 323717	23.12 1.29 0.00	21.43 1.14 0.00	20.52 1.05 0.00	20.36 1.04 0.00	21.47 1.22 0.00	23.34 1.42 0.00	31.57 2.18 0.00	35.62 2.70 0.00	34.71 2.92 0.00	32.46 2.52 0.00	33.43 2.62 0.00	33.43 2.65 0.00	32.36 2.42 0.00	32.11 2.51 0.00	32.58 2.58 0.00	34.05 2.90 0.00	43.14 4.03 0.00	51.65 5.28 0.00	46.58 4.50 0.00	42.30 3.78 0.00	34.74 3.04 0.00	33.62 2.63 0.00	32.77 2.26 0.00	29.35 1.92 0.00
LAWRNCV_115KV_TB1 80681	21.61 -0.22 0.00	20.15 -0.14 0.00	19.35 -0.12 0.00	19.22 -0.10 0.00	20.11 -0.14 0.00	21.72 -0.20 0.00	28.90 -0.50 0.00	32.10 -0.82 0.00	30.93 -0.86 0.00	29.25 -0.69 0.00	30.13 -0.68 0.00	30.23 -0.55 0.00	29.37 -0.57 0.00	29.06 -0.53 0.00	29.52 -0.48 0.00	30.53 -0.62 0.00	37.66 -1.45 0.00	44.47 -1.90 0.00	40.65 -1.43 0.00	37.37 -1.16 0.00	31.06 -0.63 0.00	30.46 -0.53 0.00	30.14 -0.37 0.00	26.99 -0.44 0.00
LEDERLE____ 23769	22.90 1.07 0.00	21.24 0.95 0.00	20.40 0.93 0.00	20.19 0.87 0.00	21.14 0.89 0.00	22.86 0.94 0.00	30.72 1.32 0.00	34.90 1.98 0.00	33.59 1.81 0.00	31.71 1.77 0.00	32.41 1.60 0.00	32.41 1.63 0.00	31.58 1.65 0.00	31.13 1.54 0.00	31.65 1.65 0.00	32.93 1.78 0.00	41.81 2.70 0.00	50.03 3.66 0.00	44.94 2.86 0.00	41.14 2.62 0.00	33.44 1.74 0.00	32.69 1.70 0.00	32.10 1.59 0.00	28.86 1.43 0.00
LIGHTHSE_115KV_TB6 355974	21.44 -0.39 0.00	19.90 -0.39 0.00	19.06 -0.41 0.00	18.93 -0.39 0.00	19.87 -0.38 0.00	21.56 -0.35 0.00	28.96 -0.44 0.00	32.30 -0.63 0.00	31.21 -0.57 0.00	29.40 -0.54 0.00	30.38 -0.43 0.00	30.29 -0.49 0.00	29.43 -0.51 0.00	29.15 -0.44 0.00	29.55 -0.45 0.00	30.75 -0.40 0.00	38.88 -0.23 0.00	46.23 -0.14 0.00	41.91 -0.17 0.00	38.33 -0.19 0.00	31.48 -0.22 0.00	30.55 -0.43 0.00	30.08 -0.43 0.00	27.02 -0.41 0.00
LINDEN COGEN____ 23786	22.90 1.07 0.00	21.22 0.93 0.00	20.40 0.93 0.00	20.19 0.87 0.00	21.10 0.85 0.00	22.73 0.81 0.00	30.63 1.23 0.00	35.00 2.08 0.00	33.66 1.87 0.00	31.80 1.86 0.00	32.47 1.66 0.00	32.47 1.69 0.00	31.61 1.68 0.00	31.22 1.63 0.00	31.77 1.77 0.00	32.89 1.74 0.00	41.89 2.78 0.00	50.12 3.75 0.00	44.90 2.82 0.00	41.18 2.66 0.00	33.63 1.93 0.00	32.51 1.52 0.00	32.25 1.74 0.00	28.99 1.56 0.00
LINDHRST_69_KV_BK1 356055	25.32 1.99 -1.51	23.69 1.81 -1.59	23.63 1.75 -2.41	23.89 1.70 -2.87	25.09 1.74 -3.10	27.44 1.86 -3.67	37.84 2.56 -5.89	41.53 3.39 -5.21	39.11 3.15 -4.18	32.93 2.99 0.00	33.61 2.80 0.00	33.70 2.92 0.00	37.80 2.93 -4.93	37.74 2.84 -5.31	39.21 2.97 -6.24	40.93 3.08 -6.70	51.64 4.46 -8.07	66.86 5.75 -14.74	57.39 4.67 -10.64	53.51 4.28 -10.71	44.30 3.11 -9.49	41.84 2.94 -7.91	37.36 2.84 -4.01	32.53 2.58 -2.52
LIPA_MISC_IPP 23656	25.32 1.99 -1.51	23.72 1.83 -1.60	23.64 1.75 -2.42	23.92 1.72 -2.89	25.12 1.76 -3.11	27.44 1.86 -3.67	37.61 2.32 -5.89	41.36 3.23 -5.21	38.85 2.89 -4.18	32.66 2.72 0.00	33.34 2.53 0.00	33.33 2.55 0.00	37.50 2.63 -4.93	37.42 2.52 -5.31	38.91 2.67 -6.24	40.59 2.74 -6.70	51.14 3.95 -8.07	66.21 5.10 -14.74	56.80 4.08 -10.64	53.01 3.78 -10.71	43.88 2.69 -9.49	41.47 2.57 -7.91	37.03 2.50 -4.01	32.31 2.36 -2.52
LISF____SOLAR 323691	25.37 2.03 -1.51	23.76 1.87 -1.60	23.68 1.79 -2.42	23.94 1.74 -2.89	25.16 1.80 -3.11	27.42 1.84 -3.67	37.67 2.38 -5.89	41.43 3.29 -5.21	38.92 2.96 -4.18	32.69 2.75 0.00	33.37 2.56 0.00	33.39 2.61 0.00	37.50 2.63 -4.93	37.48 2.57 -5.31	39.00 2.76 -6.24	40.59 2.74 -6.70	51.29 4.11 -8.07	66.39 5.28 -14.74	56.96 4.25 -10.64	53.17 3.93 -10.71	44.14 2.95 -9.49	41.40 2.51 -7.91	37.15 2.62 -4.01	32.39 2.44 -2.52
LITTLE FALLS____HYD 24013	22.36 0.52 0.00	20.78 0.49 0.00	19.94 0.47 0.00	19.78 0.46 0.00	20.76 0.51 0.00	22.46 0.55 0.00	30.13 0.73 0.00	33.71 0.79 0.00	32.48 0.70 0.00	30.54 0.60 0.00	31.37 0.55 0.00	31.24 0.46 0.00	30.44 0.51 0.00	30.13 0.53 0.00	30.57 0.57 0.00	31.77 0.62 0.00	40.09 0.98 0.00	47.58 1.21 0.00	43.13 1.05 0.00	39.49 0.96 0.00	32.39 0.70 0.00	31.67 0.68 0.00	31.27 0.76 0.00	28.12 0.69 0.00
LITTLRIV_115KV_TB1 356100	21.81 -0.02 0.00	20.33 0.04 0.00	19.53 0.06 0.00	19.41 0.10 0.00	20.31 0.06 0.00	21.96 0.04 0.00	29.28 -0.12 0.00	32.56 -0.36 0.00	31.40 -0.38 0.00	29.67 -0.27 0.00	30.63 -0.18 0.00	30.69 -0.09 0.00	29.78 -0.15 0.00	29.50 -0.09 0.00	30.00 0.00 0.00	31.03 -0.12 0.00	38.25 -0.86 0.00	45.12 -1.25 0.00	41.28 -0.80 0.00	37.94 -0.58 0.00	31.54 -0.16 0.00	30.89 -0.09 0.00	30.54 0.03 0.00	27.29 -0.14 0.00

LI_NEWBRDGE___DRP 323616	24.73 1.40 -1.51	23.03 1.24 -1.50	23.02 1.23 -2.32	23.26 1.16 -2.79	24.46 1.19 -3.01	26.83 1.25 -3.67	37.02 1.73 -5.89	40.64 2.50 -5.21	38.28 2.32 -4.18	32.19 2.25 0.00	32.88 2.06 0.00	32.90 2.12 0.00	37.02 2.16 -4.93	36.95 2.04 -5.31	38.40 2.16 -6.24	40.12 2.27 -6.70	50.51 3.32 -8.07	65.51 4.41 -14.74	56.21 3.49 -10.64	52.43 3.20 -10.71	43.41 2.22 -9.49	41.06 2.17 -7.91	36.57 2.04 -4.01	31.81 1.87 -2.52
LOCKPORT_115KV_TB60_63_64 80432	20.52 -1.31 0.00	18.95 -1.34 0.00	18.15 -1.32 0.00	17.98 -1.33 0.00	18.88 -1.38 0.00	20.42 -1.49 0.00	28.02 -1.38 0.00	30.65 -2.27 0.00	30.29 -1.49 0.00	28.50 -1.44 0.00	29.46 -1.36 0.00	29.36 -1.42 0.00	28.41 -1.53 0.00	28.26 -1.33 0.00	28.41 -1.59 0.00	29.03 -2.12 0.00	37.43 -1.68 0.00	43.36 -3.01 0.00	39.34 -2.74 0.00	36.13 -2.39 0.00	29.89 -1.81 0.00	28.35 -2.63 0.00	28.50 -2.01 0.00	25.98 -1.45 0.00
LOCKPORT___CC1 323769	20.52 -1.31 0.00	18.93 -1.36 0.00	18.14 -1.32 0.00	17.98 -1.33 0.00	18.86 -1.40 0.00	20.75 -1.16 0.00	28.13 -1.26 0.00	30.65 -2.27 0.00	30.29 -1.49 0.00	28.50 -1.44 0.00	29.46 -1.35 0.00	29.33 -1.45 0.00	28.62 -1.32 0.00	28.23 -1.36 0.00	28.38 -1.62 0.00	29.34 -1.81 0.00	37.39 -1.72 0.00	43.31 -3.06 0.00	39.30 -2.78 0.00	36.13 -2.39 0.00	30.18 -1.52 0.00	29.04 -1.95 0.00	28.31 -2.20 0.00	25.90 -1.54 0.00
LOCKPORT___CC2 323770	20.52 -1.31 0.00	18.93 -1.36 0.00	18.14 -1.32 0.00	17.98 -1.33 0.00	18.86 -1.40 0.00	20.75 -1.16 0.00	28.13 -1.26 0.00	30.65 -2.27 0.00	30.29 -1.49 0.00	28.50 -1.44 0.00	29.46 -1.35 0.00	29.33 -1.45 0.00	28.62 -1.32 0.00	28.23 -1.36 0.00	28.38 -1.62 0.00	29.34 -1.81 0.00	37.39 -1.72 0.00	43.31 -3.06 0.00	39.30 -2.78 0.00	36.13 -2.39 0.00	30.18 -1.52 0.00	29.04 -1.95 0.00	28.31 -2.20 0.00	25.90 -1.54 0.00
LOCKPORT___CC3 323771	20.52 -1.31 0.00	18.93 -1.36 0.00	18.14 -1.32 0.00	17.98 -1.33 0.00	18.86 -1.40 0.00	20.75 -1.16 0.00	28.13 -1.26 0.00	30.65 -2.27 0.00	30.29 -1.49 0.00	28.50 -1.44 0.00	29.46 -1.35 0.00	29.33 -1.45 0.00	28.62 -1.32 0.00	28.23 -1.36 0.00	28.38 -1.62 0.00	29.34 -1.81 0.00	37.39 -1.72 0.00	43.31 -3.06 0.00	39.30 -2.78 0.00	36.13 -2.39 0.00	30.18 -1.52 0.00	29.04 -1.95 0.00	28.31 -2.20 0.00	25.90 -1.54 0.00
LONG_LAKE_PHOENIX 24014	21.42 -0.41 0.00	19.86 -0.43 0.00	19.04 -0.43 0.00	18.91 -0.41 0.00	19.83 -0.43 0.00	21.48 -0.44 0.00	28.90 -0.50 0.00	32.20 -0.72 0.00	31.15 -0.64 0.00	29.34 -0.60 0.00	30.32 -0.49 0.00	30.23 -0.55 0.00	29.37 -0.57 0.00	29.06 -0.53 0.00	29.37 -0.63 0.00	30.53 -0.62 0.00	38.60 -0.51 0.00	45.81 -0.56 0.00	41.49 -0.59 0.00	37.98 -0.54 0.00	31.13 -0.57 0.00	30.24 -0.74 0.00	29.81 -0.70 0.00	26.86 -0.58 0.00
LOVETT___3 23632	22.79 0.96 0.00	21.16 0.87 0.00	20.33 0.86 0.00	20.11 0.79 0.00	21.06 0.81 0.00	22.77 0.85 0.00	30.57 1.18 0.00	34.77 1.84 0.00	33.47 1.68 0.00	31.59 1.65 0.00	32.29 1.48 0.00	32.29 1.51 0.00	31.46 1.53 0.00	31.01 1.42 0.00	31.53 1.53 0.00	32.77 1.62 0.00	41.61 2.50 0.00	49.80 3.43 0.00	44.73 2.65 0.00	40.95 2.43 0.00	33.28 1.58 0.00	32.54 1.55 0.00	31.95 1.43 0.00	28.72 1.29 0.00
LOVETT___4 23642	22.79 0.96 0.00	21.16 0.87 0.00	20.33 0.86 0.00	20.11 0.79 0.00	21.06 0.81 0.00	22.77 0.85 0.00	30.57 1.18 0.00	34.77 1.84 0.00	33.47 1.68 0.00	31.59 1.65 0.00	32.29 1.48 0.00	32.29 1.51 0.00	31.46 1.53 0.00	31.01 1.42 0.00	31.53 1.53 0.00	32.77 1.62 0.00	41.61 2.50 0.00	49.80 3.43 0.00	44.73 2.65 0.00	40.95 2.43 0.00	33.28 1.58 0.00	32.54 1.55 0.00	31.95 1.43 0.00	28.72 1.29 0.00
LOVETT___5 23593	22.79 0.96 0.00	21.16 0.87 0.00	20.33 0.86 0.00	20.11 0.79 0.00	21.06 0.81 0.00	22.77 0.85 0.00	30.57 1.18 0.00	34.77 1.84 0.00	33.47 1.68 0.00	31.59 1.65 0.00	32.29 1.48 0.00	32.29 1.51 0.00	31.46 1.53 0.00	31.01 1.42 0.00	31.53 1.53 0.00	32.77 1.62 0.00	41.61 2.50 0.00	49.80 3.43 0.00	44.73 2.65 0.00	40.95 2.43 0.00	33.28 1.58 0.00	32.54 1.55 0.00	31.95 1.43 0.00	28.72 1.29 0.00
LOWER RAQUET___HYD 24057	21.53 -0.31 0.00	20.07 -0.22 0.00	19.26 -0.21 0.00	19.14 -0.17 0.00	20.03 -0.22 0.00	21.61 -0.31 0.00	28.75 -0.65 0.00	31.94 -0.99 0.00	30.74 -1.05 0.00	29.07 -0.87 0.00	29.95 -0.86 0.00	30.07 -0.71 0.00	29.19 -0.75 0.00	28.91 -0.68 0.00	29.40 -0.60 0.00	30.37 -0.78 0.00	37.47 -1.64 0.00	44.24 -2.13 0.00	40.44 -1.64 0.00	37.21 -1.31 0.00	30.68 -1.02 0.00	30.31 -0.68 0.00	30.02 -0.49 0.00	26.99 -0.44 0.00
LOWER___HUDSON 24059	22.38 0.55 0.00	20.84 0.55 0.00	20.00 0.53 0.00	19.82 0.50 0.00	20.84 0.59 0.00	22.48 0.57 0.00	30.22 0.82 0.00	34.04 1.12 0.00	32.86 1.08 0.00	30.90 0.96 0.00	31.73 0.92 0.00	31.76 0.98 0.00	30.89 0.96 0.00	30.54 0.95 0.00	31.02 1.02 0.00	32.30 1.15 0.00	40.79 1.68 0.00	48.69 2.32 0.00	44.06 1.98 0.00	40.14 1.62 0.00	33.00 1.30 0.00	32.07 1.08 0.00	31.49 0.98 0.00	28.25 0.82 0.00
LOWVILLE_115KV_TB2 356335	21.48 -0.35 0.00	19.99 -0.30 0.00	19.14 -0.33 0.00	19.01 -0.31 0.00	19.97 -0.28 0.00	21.69 -0.22 0.00	29.10 -0.29 0.00	32.60 -0.33 0.00	31.40 -0.38 0.00	29.64 -0.30 0.00	30.53 -0.28 0.00	30.47 -0.31 0.00	29.60 -0.33 0.00	29.42 -0.18 0.00	30.03 0.03 0.00	31.37 0.22 0.00	39.85 0.74 0.00	47.39 1.02 0.00	43.01 0.93 0.00	39.37 0.85 0.00	32.30 0.60 0.00	31.39 0.40 0.00	30.91 0.40 0.00	27.65 0.22 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	22.66 0.83 0.00	21.06 0.77 0.00	20.19 0.72 0.00	20.03 0.71 0.00	21.06 0.81 0.00	22.81 0.90 0.00	30.66 1.26 0.00	34.54 1.61 0.00	33.44 1.65 0.00	31.38 1.44 0.00	32.29 1.48 0.00	32.29 1.51 0.00	31.40 1.47 0.00	31.04 1.45 0.00	31.50 1.50 0.00	32.83 1.68 0.00	41.50 2.39 0.00	49.52 3.15 0.00	44.77 2.69 0.00	40.80 2.27 0.00	33.35 1.65 0.00	32.60 1.61 0.00	31.91 1.40 0.00	28.61 1.18 0.00
LUTHERNY_35_KV_BK2 355980	22.68 0.85 0.00	21.08 0.79 0.00	20.21 0.74 0.00	20.05 0.73 0.00	21.08 0.83 0.00	22.83 0.92 0.00	30.69 1.29 0.00	34.54 1.61 0.00	33.44 1.65 0.00	31.41 1.47 0.00	32.29 1.48 0.00	32.29 1.51 0.00	31.40 1.47 0.00	31.07 1.48 0.00	31.53 1.53 0.00	32.86 1.71 0.00	41.54 2.42 0.00	49.57 3.20 0.00	44.81 2.74 0.00	40.83 2.31 0.00	33.38 1.68 0.00	32.63 1.64 0.00	31.95 1.43 0.00	28.64 1.21 0.00
LWR___OSWEGATCHIE_HYD 23850	21.24 -0.59 0.00	19.78 -0.51 0.00	18.96 -0.51 0.00	18.85 -0.46 0.00	19.77 -0.49 0.00	21.41 -0.50 0.00	28.60 -0.79 0.00	31.87 -1.05 0.00	30.70 -1.08 0.00	28.98 -0.96 0.00	29.89 -0.92 0.00	29.92 -0.86 0.00	29.04 -0.90 0.00	28.79 -0.80 0.00	29.34 -0.66 0.00	30.50 -0.65 0.00	38.17 -0.94 0.00	45.30 -1.07 0.00	41.24 -0.84 0.00	37.83 -0.69 0.00	31.22 -0.48 0.00	30.46 -0.53 0.00	30.05 -0.46 0.00	26.88 -0.55 0.00

LYONS_FALL_HYD 23570	21.81 -0.02 0.00	20.29 0.00 0.00	19.43 -0.04 0.00	19.30 -0.02 0.00	20.25 0.00 0.00	22.02 0.11 0.00	29.55 0.15 0.00	33.12 0.20 0.00	31.94 0.16 0.00	30.15 0.21 0.00	31.06 0.25 0.00	30.97 0.19 0.00	30.11 0.18 0.00	29.86 0.27 0.00	30.42 0.42 0.00	31.74 0.59 0.00	40.20 1.09 0.00	47.81 1.44 0.00	43.34 1.26 0.00	39.64 1.12 0.00	32.58 0.89 0.00	31.67 0.68 0.00	31.15 0.64 0.00	27.87 0.44 0.00
MADISON___COUNTY_LFGE 323628	22.36 0.52 0.00	20.78 0.49 0.00	19.90 0.43 0.00	19.76 0.44 0.00	20.74 0.49 0.00	22.55 0.64 0.00	30.34 0.94 0.00	34.01 1.09 0.00	32.83 1.05 0.00	30.96 1.02 0.00	31.89 1.08 0.00	31.80 1.02 0.00	30.92 0.99 0.00	30.63 1.04 0.00	31.11 1.11 0.00	32.37 1.21 0.00	40.91 1.80 0.00	48.60 2.23 0.00	43.97 1.89 0.00	40.22 1.69 0.00	32.93 1.24 0.00	32.01 1.02 0.00	31.52 1.01 0.00	28.28 0.85 0.00
MALONE___115KV_TB1 356076	21.98 0.15 0.00	20.61 0.32 0.00	19.84 0.37 0.00	19.74 0.42 0.00	20.56 0.30 0.00	22.26 0.35 0.00	29.57 0.18 0.00	32.83 -0.10 0.00	31.47 -0.32 0.00	29.37 -0.57 0.00	30.23 -0.59 0.00	30.19 -0.58 0.00	29.25 -0.69 0.00	28.91 -0.68 0.00	29.40 -0.60 0.00	30.59 -0.56 0.00	37.94 -1.17 0.00	44.56 -1.81 0.00	40.86 -1.22 0.00	38.02 -0.50 0.00	31.76 0.06 0.00	31.24 0.25 0.00	30.79 0.27 0.00	27.49 0.05 0.00
MAPLEWOD_115KV_TB3 80458	22.29 0.46 0.00	20.76 0.47 0.00	19.92 0.45 0.00	19.76 0.44 0.00	20.76 0.51 0.00	22.42 0.50 0.00	30.04 0.65 0.00	33.85 0.92 0.00	32.67 0.89 0.00	30.75 0.81 0.00	31.58 0.77 0.00	31.61 0.83 0.00	30.77 0.84 0.00	30.42 0.83 0.00	30.87 0.87 0.00	32.18 1.03 0.00	40.60 1.49 0.00	48.46 2.09 0.00	43.80 1.73 0.00	39.95 1.43 0.00	32.62 0.92 0.00	31.95 0.96 0.00	31.30 0.79 0.00	28.09 0.66 0.00
MAPLE_RIDGE_WT_1 323574	21.46 -0.37 0.00	19.99 -0.30 0.00	19.22 -0.25 0.00	19.10 -0.21 0.00	20.03 -0.22 0.00	21.65 -0.26 0.00	28.96 -0.44 0.00	32.36 -0.56 0.00	31.24 -0.54 0.00	29.46 -0.48 0.00	30.38 -0.43 0.00	30.38 -0.40 0.00	29.54 -0.39 0.00	29.21 -0.39 0.00	29.64 -0.36 0.00	30.78 -0.37 0.00	38.48 -0.63 0.00	45.58 -0.79 0.00	41.49 -0.59 0.00	38.06 -0.46 0.00	31.38 -0.32 0.00	30.83 -0.15 0.00	30.39 -0.12 0.00	27.32 -0.11 0.00
MAPLE_RIDGE_WT_2 323611	21.46 -0.37 0.00	19.99 -0.30 0.00	19.22 -0.25 0.00	19.10 -0.21 0.00	20.03 -0.22 0.00	21.65 -0.26 0.00	28.96 -0.44 0.00	32.36 -0.56 0.00	31.24 -0.54 0.00	29.46 -0.48 0.00	30.38 -0.43 0.00	30.38 -0.40 0.00	29.54 -0.39 0.00	29.21 -0.39 0.00	29.64 -0.36 0.00	30.78 -0.37 0.00	38.48 -0.63 0.00	45.58 -0.79 0.00	41.49 -0.59 0.00	38.06 -0.46 0.00	31.38 -0.32 0.00	30.83 -0.15 0.00	30.39 -0.12 0.00	27.32 0.00 0.00
MARBLE_RIVER_WT_PWR 323696	21.81 -0.02 0.00	20.47 0.18 0.00	19.74 0.27 0.00	19.64 0.33 0.00	20.46 0.20 0.00	22.16 0.24 0.00	29.28 -0.12 0.00	32.50 -0.43 0.00	31.05 -0.73 0.00	28.92 -1.02 0.00	29.70 -1.11 0.00	29.61 -1.17 0.00	28.65 -1.29 0.00	28.32 -1.27 0.00	28.80 -1.20 0.00	30.03 -1.12 0.00	37.27 -1.84 0.00	43.63 -2.74 0.00	40.02 -2.06 0.00	37.48 -1.04 0.00	31.09 -0.60 0.00	30.93 -0.06 0.00	30.51 0.00 0.00	27.79 0.36 0.00
MARSHVLE_115KV_TB1 80742	22.90 1.07 0.00	21.26 0.97 0.00	20.36 0.90 0.00	20.22 0.91 0.00	21.29 1.03 0.00	23.16 1.25 0.00	31.16 1.76 0.00	35.06 2.14 0.00	33.91 2.13 0.00	31.77 1.83 0.00	32.66 1.85 0.00	32.60 1.82 0.00	31.73 1.80 0.00	31.52 1.92 0.00	32.07 2.07 0.00	33.30 2.15 0.00	42.28 3.17 0.00	50.54 4.17 0.00	45.66 3.58 0.00	41.64 3.12 0.00	34.04 2.35 0.00	33.19 2.20 0.00	32.49 1.98 0.00	29.05 1.62 0.00
MARSH_HILL_WT_PWR 323713	21.33 -0.50 0.00	19.68 -0.61 0.00	18.81 -0.66 0.00	18.66 -0.66 0.00	19.58 -0.67 0.00	21.48 -0.44 0.00	29.19 -0.20 0.00	32.23 -0.69 0.00	31.59 -0.19 0.00	29.73 -0.21 0.00	30.72 -0.09 0.00	30.53 -0.25 0.00	29.69 -0.24 0.00	29.39 -0.21 0.00	29.67 -0.33 0.00	30.78 -0.37 0.00	39.27 0.16 0.00	46.37 0.00 0.00	42.00 -0.08 0.00	38.64 0.12 0.00	32.14 0.44 0.00	30.89 -0.09 0.00	30.21 -0.31 0.00	27.38 -0.05 0.00
MCINTYRE_115KV_TB2 80467	22.03 0.20 0.00	20.53 0.24 0.00	19.70 0.23 0.00	19.59 0.27 0.00	20.50 0.24 0.00	22.16 0.24 0.00	29.60 0.21 0.00	32.99 0.07 0.00	31.78 0.00 0.00	30.03 0.09 0.00	31.00 0.18 0.00	31.00 0.22 0.00	30.08 0.15 0.00	29.83 0.24 0.00	30.33 0.33 0.00	31.37 0.22 0.00	38.64 -0.47 0.00	45.54 -0.83 0.00	41.62 -0.46 0.00	38.25 -0.27 0.00	31.82 0.13 0.00	31.20 0.22 0.00	30.88 0.37 0.00	27.57 0.14 0.00
MECO_____69_KV_BK1 80468	23.80 1.96 0.00	22.08 1.79 0.00	21.12 1.65 0.00	20.98 1.66 0.00	22.14 1.88 0.00	24.15 2.24 0.00	32.60 3.20 0.00	36.68 3.75 0.00	35.47 3.69 0.00	33.05 3.11 0.00	34.05 3.24 0.00	33.70 2.92 0.00	32.93 2.99 0.00	32.85 3.26 0.00	33.48 3.48 0.00	34.98 3.83 0.00	44.51 5.40 0.00	53.28 6.91 0.00	48.05 5.98 0.00	43.68 5.16 0.00	35.75 4.06 0.00	34.74 3.75 0.00	33.93 3.42 0.00	30.28 2.85 0.00
MENANDS___115KV_TB5 355628	22.18 0.35 0.00	20.68 0.39 0.00	19.84 0.37 0.00	19.68 0.37 0.00	20.66 0.41 0.00	22.31 0.39 0.00	29.87 0.47 0.00	33.65 0.72 0.00	32.48 0.70 0.00	30.57 0.63 0.00	31.43 0.62 0.00	31.43 0.65 0.00	30.59 0.66 0.00	30.24 0.65 0.00	30.69 0.69 0.00	31.99 0.84 0.00	40.32 1.21 0.00	48.13 1.76 0.00	43.55 1.47 0.00	39.68 1.16 0.00	32.43 0.73 0.00	31.76 0.77 0.00	31.15 0.64 0.00	27.93 0.49 0.00
MG INDUSTRY___DRP 24185	22.29 0.46 0.00	20.76 0.47 0.00	19.92 0.45 0.00	19.76 0.44 0.00	20.74 0.49 0.00	22.40 0.48 0.00	29.99 0.59 0.00	33.71 0.79 0.00	32.58 0.79 0.00	30.63 0.69 0.00	31.49 0.68 0.00	31.52 0.74 0.00	30.65 0.72 0.00	30.30 0.71 0.00	30.75 0.75 0.00	32.02 0.87 0.00	40.40 1.29 0.00	48.13 1.76 0.00	43.59 1.51 0.00	39.76 1.23 0.00	32.55 0.86 0.00	31.86 0.87 0.00	31.27 0.76 0.00	28.09 0.66 0.00
MID___OSWEGATCHIE_HYD 23849	21.24 -0.59 0.00	19.78 -0.51 0.00	18.96 -0.51 0.00	18.85 -0.46 0.00	19.77 -0.49 0.00	21.41 -0.50 0.00	28.60 -0.79 0.00	31.87 -1.05 0.00	30.70 -1.08 0.00	28.98 -0.96 0.00	29.89 -0.92 0.00	29.92 -0.86 0.00	29.04 -0.90 0.00	28.79 -0.80 0.00	29.34 -0.66 0.00	30.50 -0.65 0.00	38.17 -0.94 0.00	45.30 -1.07 0.00	41.24 -0.84 0.00	37.83 -0.69 0.00	31.22 -0.48 0.00	30.46 -0.53 0.00	30.05 -0.46 0.00	26.88 -0.55 0.00
MID___RAQUETTE_HYD 23851	21.53 -0.31 0.00	20.07 -0.22 0.00	19.26 -0.21 0.00	19.14 -0.17 0.00	20.03 -0.22 0.00	21.61 -0.31 0.00	28.75 -0.65 0.00	31.94 -0.99 0.00	30.73 -1.05 0.00	29.07 -0.87 0.00	29.95 -0.86 0.00	30.07 -0.71 0.00	29.19 -0.75 0.00	28.91 -0.68 0.00	29.40 -0.60 0.00	30.40 -0.75 0.00	37.47 -1.64 0.00	44.24 -2.13 0.00	40.44 -1.64 0.00	37.21 -1.31 0.00	30.94 -0.76 0.00	30.34 -0.65 0.00	30.02 -0.49 0.00	26.86 -0.58 0.00

MILLIKEN___1 23584	22.22 0.39 0.00	20.59 0.30 0.00	19.74 0.27 0.00	19.59 0.27 0.00	20.56 0.30 0.00	22.31 0.39 0.00	30.16 0.76 0.00	33.68 0.76 0.00	32.64 0.86 0.00	30.69 0.75 0.00	31.67 0.86 0.00	31.55 0.77 0.00	30.65 0.72 0.00	30.33 0.74 0.00	30.69 0.69 0.00	31.90 0.75 0.00	40.48 1.37 0.00	48.13 1.76 0.00	43.55 1.47 0.00	39.87 1.35 0.00	32.68 0.98 0.00	31.67 0.68 0.00	31.18 0.67 0.00	28.03 0.60 0.00
MILLIKEN___2 23585	22.22 0.39 0.00	20.59 0.30 0.00	19.74 0.27 0.00	19.59 0.27 0.00	20.56 0.30 0.00	22.31 0.39 0.00	30.16 0.76 0.00	33.68 0.76 0.00	32.64 0.86 0.00	30.69 0.75 0.00	31.67 0.86 0.00	31.55 0.77 0.00	30.65 0.72 0.00	30.33 0.74 0.00	30.69 0.69 0.00	31.90 0.75 0.00	40.48 1.37 0.00	48.13 1.76 0.00	43.55 1.47 0.00	39.87 1.35 0.00	32.68 0.98 0.00	31.67 0.68 0.00	31.18 0.67 0.00	28.03 0.60 0.00
MILLIKEN___DIESEL 23629	22.22 0.39 0.00	20.59 0.30 0.00	19.74 0.27 0.00	19.59 0.27 0.00	20.56 0.30 0.00	22.31 0.39 0.00	30.16 0.76 0.00	33.68 0.76 0.00	32.64 0.86 0.00	30.69 0.75 0.00	31.67 0.86 0.00	31.55 0.77 0.00	30.65 0.72 0.00	30.33 0.74 0.00	30.69 0.69 0.00	31.90 0.75 0.00	40.48 1.37 0.00	48.13 1.76 0.00	43.55 1.47 0.00	39.87 1.35 0.00	32.68 0.98 0.00	31.67 0.68 0.00	31.18 0.67 0.00	28.03 0.60 0.00
MILLSEAT___LFGE 323607	20.94 -0.90 0.00	19.32 -0.97 0.00	18.48 -0.99 0.00	18.33 -0.98 0.00	19.26 -0.99 0.00	21.19 -0.72 0.00	28.75 -0.65 0.00	31.44 -1.48 0.00	31.02 -0.76 0.00	29.19 -0.75 0.00	30.19 -0.62 0.00	30.07 -0.71 0.00	29.34 -0.60 0.00	28.91 -0.68 0.00	29.10 -0.90 0.00	30.12 -1.03 0.00	38.41 -0.70 0.00	44.61 -1.76 0.00	40.48 -1.60 0.00	37.21 -1.31 0.00	30.97 -0.73 0.00	29.75 -1.24 0.00	28.99 -1.52 0.00	26.42 -1.01 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	22.86 1.03 0.00	21.20 0.91 0.00	20.36 0.90 0.00	20.17 0.85 0.00	21.12 0.87 0.00	22.81 0.90 0.00	30.63 1.23 0.00	34.87 1.94 0.00	33.56 1.78 0.00	31.68 1.74 0.00	32.41 1.60 0.00	32.41 1.63 0.00	31.58 1.65 0.00	31.13 1.54 0.00	31.65 1.65 0.00	32.93 1.78 0.00	41.77 2.66 0.00	49.99 3.62 0.00	44.90 2.82 0.00	41.10 2.58 0.00	33.38 1.68 0.00	32.66 1.67 0.00	32.04 1.53 0.00	28.83 1.40 0.00
MILLWOOD_13_KV_LOAD 356217	22.90 1.07 0.00	21.26 0.97 0.00	20.40 0.93 0.00	20.21 0.89 0.00	21.14 0.89 0.00	22.86 0.94 0.00	30.69 1.29 0.00	34.97 2.04 0.00	33.66 1.88 0.00	31.77 1.83 0.00	32.51 1.69 0.00	32.50 1.72 0.00	31.67 1.74 0.00	31.22 1.63 0.00	31.74 1.74 0.00	33.02 1.87 0.00	41.93 2.82 0.00	50.22 3.85 0.00	45.07 2.99 0.00	41.26 2.74 0.00	33.50 1.81 0.00	32.75 1.77 0.00	32.13 1.62 0.00	28.89 1.45 0.00
MODEL_CITY_ENERGY 24167	20.28 -1.55 0.00	18.75 -1.54 0.00	17.95 -1.52 0.00	17.81 -1.51 0.00	18.67 -1.58 0.00	20.51 -1.40 0.00	27.78 -1.62 0.00	30.26 -2.67 0.00	29.91 -1.88 0.00	28.14 -1.80 0.00	29.06 -1.75 0.00	28.96 -1.82 0.00	28.23 -1.71 0.00	27.88 -1.72 0.00	28.02 -1.98 0.00	28.94 -2.21 0.00	36.88 -2.23 0.00	42.71 -3.66 0.00	38.75 -3.33 0.00	35.59 -2.93 0.00	29.76 -1.93 0.00	28.66 -2.32 0.00	27.95 -2.56 0.00	25.57 -1.87 0.00
MODERN_LFGE___ 323580	20.28 -1.55 0.00	18.75 -1.54 0.00	17.95 -1.52 0.00	17.81 -1.51 0.00	18.67 -1.58 0.00	20.51 -1.40 0.00	27.78 -1.62 0.00	30.26 -2.67 0.00	29.91 -1.88 0.00	28.14 -1.80 0.00	29.06 -1.75 0.00	28.96 -1.82 0.00	28.23 -1.71 0.00	27.88 -1.72 0.00	28.02 -1.98 0.00	28.94 -2.21 0.00	36.88 -2.23 0.00	42.71 -3.66 0.00	38.75 -3.33 0.00	35.59 -2.93 0.00	29.76 -1.93 0.00	28.66 -2.32 0.00	27.95 -2.56 0.00	25.57 -1.87 0.00
MOHAWK_PAPER___DRP 24187	22.29 0.46 0.00	20.76 0.47 0.00	19.92 0.45 0.00	19.76 0.44 0.00	20.76 0.51 0.00	22.42 0.50 0.00	30.04 0.65 0.00	33.85 0.92 0.00	32.67 0.89 0.00	30.75 0.81 0.00	31.58 0.77 0.00	31.61 0.83 0.00	30.77 0.84 0.00	30.42 0.83 0.00	30.87 0.87 0.00	32.18 1.03 0.00	40.60 1.49 0.00	48.46 2.09 0.00	43.80 1.73 0.00	39.95 1.43 0.00	32.62 0.92 0.00	31.95 0.96 0.00	31.30 0.79 0.00	28.09 0.66 0.00
MOHICAN___35_KV_115KV_LD 80490	22.68 0.85 0.00	21.06 0.77 0.00	20.19 0.72 0.00	20.03 0.71 0.00	21.08 0.83 0.00	22.88 0.96 0.00	30.84 1.44 0.00	34.74 1.81 0.00	33.69 1.91 0.00	31.59 1.65 0.00	32.51 1.69 0.00	32.50 1.72 0.00	31.58 1.65 0.00	31.25 1.66 0.00	31.74 1.74 0.00	33.08 1.93 0.00	41.85 2.74 0.00	50.03 3.66 0.00	45.15 3.07 0.00	41.10 2.58 0.00	33.60 1.90 0.00	32.78 1.80 0.00	32.04 1.53 0.00	28.69 1.26 0.00
MONGAUP___HYD 23641	22.31 0.48 0.00	20.88 0.59 0.00	20.03 0.56 0.00	19.82 0.50 0.00	20.78 0.53 0.00	22.24 0.33 0.00	29.96 0.56 0.00	33.85 0.92 0.00	32.54 0.76 0.00	30.75 0.81 0.00	31.39 0.58 0.00	31.36 0.58 0.00	30.53 0.60 0.00	30.15 0.56 0.00	30.69 0.69 0.00	31.93 0.78 0.00	40.68 1.57 0.00	48.78 2.41 0.00	43.89 1.81 0.00	40.10 1.58 0.00	32.81 1.11 0.00	31.76 0.78 0.00	31.30 0.79 0.00	28.14 0.71 0.00
MONTAUK___DIESEL 23721	26.00 2.66 -1.51	24.35 2.46 -1.60	24.25 2.36 -2.42	24.52 2.32 -2.89	25.77 2.41 -3.11	28.17 2.59 -3.67	38.64 3.35 -5.89	42.55 4.41 -5.21	39.93 3.97 -4.18	33.62 3.68 0.00	34.29 3.48 0.00	34.32 3.54 0.00	38.49 3.62 -4.93	38.37 3.46 -5.31	39.90 3.66 -6.24	41.65 3.80 -6.70	52.58 5.40 -8.07	68.01 6.91 -14.74	58.40 5.68 -10.64	54.51 5.28 -10.71	45.06 3.87 -9.49	42.55 3.66 -7.91	37.97 3.45 -4.01	33.19 3.24 -2.52
MOONROAD_115KV_HARTFLD_TB1-2 355988	20.81 -1.03 0.00	18.99 -1.30 0.00	18.18 -1.28 0.00	18.20 -1.12 0.00	18.92 -1.34 0.00	20.58 -1.34 0.00	28.63 -0.76 0.00	31.31 -1.61 0.00	30.96 -0.83 0.00	29.19 -0.75 0.00	30.23 -0.59 0.00	30.13 -0.65 0.00	29.25 -0.69 0.00	29.06 -0.53 0.00	29.37 -0.63 0.00	30.06 -1.09 0.00	38.95 -0.16 0.00	45.67 -0.70 0.00	41.36 -0.72 0.00	38.14 -0.39 0.00	31.48 -0.22 0.00	29.87 -1.12 0.00	29.81 -0.70 0.00	27.05 -0.38 0.00
MORTIMER_115KV_TB3 55949	21.18 -0.65 0.00	19.56 -0.73 0.00	18.73 -0.74 0.00	18.58 -0.73 0.00	19.50 -0.75 0.00	21.19 -0.72 0.00	28.84 -0.56 0.00	31.87 -1.05 0.00	31.21 -0.57 0.00	29.40 -0.54 0.00	30.41 -0.40 0.00	30.32 -0.46 0.00	29.37 -0.57 0.00	29.12 -0.47 0.00	29.34 -0.66 0.00	30.28 -0.87 0.00	38.64 -0.47 0.00	45.21 -1.16 0.00	41.03 -1.05 0.00	37.64 -0.89 0.00	30.97 -0.73 0.00	29.62 -1.36 0.00	29.50 -1.01 0.00	26.69 -0.74 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	22.99 1.16 0.00	21.32 1.03 0.00	20.48 1.01 0.00	20.28 0.97 0.00	21.20 0.95 0.00	22.92 1.01 0.00	30.78 1.38 0.00	35.10 2.17 0.00	33.75 1.97 0.00	31.89 1.95 0.00	32.60 1.79 0.00	32.60 1.82 0.00	31.79 1.86 0.00	31.34 1.75 0.00	31.86 1.86 0.00	33.11 1.96 0.00	42.04 2.93 0.00	50.27 3.90 0.00	45.11 3.03 0.00	41.33 2.81 0.00	33.54 1.84 0.00	32.82 1.83 0.00	32.25 1.74 0.00	29.02 1.59 0.00

MUNSVILLE_WIND_PWR 323609	23.62 1.79 0.00	21.97 1.68 0.00	20.95 1.48 0.00	20.82 1.51 0.00	21.87 1.62 0.00	23.93 2.01 0.00	32.31 2.91 0.00	36.18 3.26 0.00	34.90 3.12 0.00	32.75 2.81 0.00	33.68 2.87 0.00	33.39 2.61 0.00	32.54 2.60 0.00	32.26 2.66 0.00	32.82 2.82 0.00	34.39 3.24 0.00	43.84 4.73 0.00	52.35 5.98 0.00	47.38 5.30 0.00	43.45 4.93 0.00	35.66 3.96 0.00	34.40 3.41 0.00	33.74 3.23 0.00	30.17 2.74 0.00
N SALMON___HYD 24042	21.99 0.15 0.00	20.61 0.32 0.00	19.84 0.37 0.00	19.74 0.42 0.00	20.56 0.30 0.00	22.26 0.35 0.00	29.58 0.18 0.00	32.83 -0.10 0.00	31.47 -0.32 0.00	29.37 -0.57 0.00	30.22 -0.59 0.00	30.19 -0.59 0.00	29.25 -0.69 0.00	28.91 -0.68 0.00	29.40 -0.60 0.00	30.59 -0.56 0.00	37.94 -1.17 0.00	44.56 -1.81 0.00	40.86 -1.22 0.00	38.02 -0.50 0.00	31.51 -0.19 0.00	31.23 0.25 0.00	30.82 0.31 0.00	27.90 0.47 0.00
N.AKRON___115KV_KNAPP 355671	20.94 -0.90 0.00	19.30 -0.99 0.00	18.48 -0.99 0.00	18.31 -1.00 0.00	19.24 -1.01 0.00	20.86 -1.05 0.00	28.63 -0.76 0.00	31.41 -1.51 0.00	31.02 -0.76 0.00	29.19 -0.75 0.00	30.16 -0.65 0.00	30.07 -0.71 0.00	29.10 -0.84 0.00	28.91 -0.68 0.00	29.07 -0.93 0.00	29.81 -1.34 0.00	38.37 -0.74 0.00	44.56 -1.81 0.00	40.44 -1.64 0.00	37.17 -1.35 0.00	30.65 -1.05 0.00	29.07 -1.92 0.00	29.14 -1.37 0.00	26.50 -0.93 0.00
N.BELMOR_69_KV_BK1 55787	24.95 1.62 -1.51	23.31 1.48 -1.54	23.27 1.44 -2.36	23.53 1.39 -2.82	24.72 1.42 -3.05	27.07 1.49 -3.67	37.34 2.06 -5.89	41.00 2.86 -5.21	38.63 2.67 -4.18	32.48 2.54 0.00	33.18 2.37 0.00	33.24 2.46 0.00	37.35 2.48 -4.93	37.30 2.40 -5.31	38.76 2.52 -6.24	40.47 2.62 -6.70	51.02 3.83 -8.07	66.11 5.01 -14.74	56.76 4.04 -10.64	52.97 3.74 -10.71	43.79 2.60 -9.49	41.41 2.51 -7.91	36.90 2.38 -4.01	32.12 2.17 -2.52
N.E._GEN_SANDY PD 24062	22.49 0.65 0.00	20.94 0.65 0.00	20.09 0.62 0.00	19.92 0.60 0.00	20.92 0.67 0.00	22.55 0.64 0.00	30.25 0.85 0.00	34.18 1.25 0.00	32.96 1.18 0.00	31.02 1.08 0.00	31.80 0.99 0.00	31.83 1.05 0.00	30.98 1.05 0.00	30.60 1.01 0.00	31.11 1.11 0.00	33.99 1.21 -1.62	39.33 1.84 1.62	48.97 2.60 0.00	44.22 2.14 0.00	37.78 1.77 2.52	35.61 1.39 -2.52	32.10 1.11 0.00	31.61 1.10 0.00	28.36 0.93 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	22.84 1.00 0.00	21.18 0.89 0.00	20.35 0.88 0.00	20.13 0.81 0.00	21.08 0.83 0.00	22.79 0.88 0.00	30.60 1.21 0.00	34.80 1.88 0.00	33.50 1.72 0.00	31.62 1.68 0.00	32.32 1.51 0.00	32.32 1.54 0.00	31.49 1.56 0.00	31.04 1.45 0.00	31.56 1.56 0.00	32.80 1.65 0.00	41.65 2.54 0.00	49.89 3.52 0.00	44.77 2.69 0.00	41.03 2.50 0.00	33.31 1.62 0.00	32.60 1.61 0.00	32.01 1.50 0.00	28.78 1.34 0.00
N.QUEENS_27_KV_LOAD 356247	23.29 1.46 0.00	21.49 1.20 0.00	20.68 1.21 0.00	20.46 1.14 0.00	21.35 1.09 0.00	23.03 1.12 0.00	30.69 1.29 0.00	34.97 2.04 0.00	33.69 1.91 0.00	31.86 1.92 0.00	32.57 1.76 0.00	32.56 1.79 0.00	31.82 1.89 0.00	31.43 1.83 0.00	31.92 1.92 0.00	33.05 1.90 0.00	42.01 2.89 0.00	50.22 3.85 0.00	45.15 3.07 0.00	41.30 2.77 0.00	33.47 1.78 0.00	32.69 1.70 0.00	32.28 1.77 0.00	29.50 2.06 -0.01
N.TROY___115KV_TB1 355778	22.38 0.55 0.00	20.84 0.55 0.00	20.00 0.53 0.00	19.82 0.50 0.00	20.84 0.59 0.00	22.53 0.61 0.00	30.22 0.82 0.00	34.04 1.12 0.00	32.86 1.08 0.00	30.90 0.96 0.00	31.74 0.92 0.00	31.76 0.98 0.00	30.92 0.99 0.00	30.54 0.95 0.00	31.02 1.02 0.00	32.33 1.18 0.00	40.79 1.68 0.00	48.69 2.32 0.00	44.06 1.98 0.00	40.14 1.62 0.00	32.81 1.11 0.00	32.13 1.15 0.00	31.49 0.98 0.00	28.23 0.80 0.00
NARROWS_GT1_1 24228	23.48 1.64 -0.01	21.74 1.44 -0.01	20.90 1.42 -0.01	20.68 1.35 -0.01	21.61 1.36 0.00	22.99 1.07 0.00	30.72 1.32 0.00	34.83 1.91 0.01	33.56 1.78 0.01	31.76 1.83 0.01	32.41 1.60 0.01	32.40 1.63 0.01	31.57 1.65 0.01	31.21 1.63 0.01	31.73 1.74 0.01	32.79 1.65 0.01	41.96 2.85 0.01	50.30 3.94 0.01	45.14 3.07 0.01	41.33 2.81 0.01	33.53 1.84 0.01	32.38 1.40 0.01	32.65 2.14 0.00	29.44 2.00 -0.01
NARROWS_GT1_2 24229	23.48 1.64 -0.01	21.74 1.44 -0.01	20.90 1.42 -0.01	20.68 1.35 -0.01	21.61 1.36 0.00	22.99 1.07 0.00	30.72 1.32 0.00	34.83 1.91 0.01	33.56 1.78 0.01	31.76 1.83 0.01	32.41 1.60 0.01	32.40 1.63 0.01	31.57 1.65 0.01	31.21 1.63 0.01	31.73 1.74 0.01	32.79 1.65 0.01	41.96 2.85 0.01	50.30 3.94 0.01	45.14 3.07 0.01	41.33 2.81 0.01	33.53 1.84 0.01	32.38 1.40 0.01	32.65 2.14 0.00	29.44 2.00 -0.01
NARROWS_GT1_3 24230	23.48 1.64 -0.01	21.74 1.44 -0.01	20.90 1.42 -0.01	20.68 1.35 -0.01	21.61 1.36 0.00	22.99 1.07 0.00	30.72 1.32 0.00	34.83 1.91 0.01	33.56 1.78 0.01	31.76 1.83 0.01	32.41 1.60 0.01	32.40 1.63 0.01	31.57 1.65 0.01	31.21 1.63 0.01	31.73 1.74 0.01	32.79 1.65 0.01	41.96 2.85 0.01	50.30 3.94 0.01	45.14 3.07 0.01	41.33 2.81 0.01	33.53 1.84 0.01	32.38 1.40 0.01	32.65 2.14 0.00	29.44 2.00 -0.01
NARROWS_GT1_4 24231	23.48 1.64 -0.01	21.74 1.44 -0.01	20.90 1.42 -0.01	20.68 1.35 -0.01	21.61 1.36 0.00	22.99 1.07 0.00	30.72 1.32 0.00	34.83 1.91 0.01	33.56 1.78 0.01	31.76 1.83 0.01	32.41 1.60 0.01	32.40 1.63 0.01	31.57 1.65 0.01	31.21 1.63 0.01	31.73 1.74 0.01	32.79 1.65 0.01	41.96 2.85 0.01	50.30 3.94 0.01	45.14 3.07 0.01	41.33 2.81 0.01	33.53 1.84 0.01	32.38 1.40 0.01	32.65 2.14 0.00	29.44 2.00 -0.01
NARROWS_GT1_5 24232	23.48 1.64 -0.01	21.74 1.44 -0.01	20.90 1.42 -0.01	20.68 1.35 -0.01	21.61 1.36 0.00	22.99 1.07 0.00	30.72 1.32 0.00	34.83 1.91 0.01	33.56 1.78 0.01	31.76 1.83 0.01	32.41 1.60 0.01	32.40 1.63 0.01	31.57 1.65 0.01	31.21 1.63 0.01	31.73 1.74 0.01	32.79 1.65 0.01	41.96 2.85 0.01	50.30 3.94 0.01	45.14 3.07 0.01	41.33 2.81 0.01	33.53 1.84 0.01	32.38 1.40 0.01	32.65 2.14 0.00	29.44 2.00 -0.01
NARROWS_GT1_6 24233	23.48 1.64 -0.01	21.74 1.44 -0.01	20.90 1.42 -0.01	20.68 1.35 -0.01	21.61 1.36 0.00	22.99 1.07 0.00	30.72 1.32 0.00	34.83 1.91 0.01	33.56 1.78 0.01	31.76 1.83 0.01	32.41 1.60 0.01	32.40 1.63 0.01	31.57 1.65 0.01	31.21 1.63 0.01	31.73 1.74 0.01	32.79 1.65 0.01	41.96 2.85 0.01	50.30 3.94 0.01	45.14 3.07 0.01	41.33 2.81 0.01	33.53 1.84 0.01	32.38 1.40 0.01	32.65 2.14 0.00	29.44 2.00 -0.01
NARROWS_GT1_7 24234	23.48 1.64 -0.01	21.74 1.44 -0.01	20.90 1.42 -0.01	20.68 1.35 -0.01	21.61 1.36 0.00	22.99 1.07 0.00	30.72 1.32 0.00	34.83 1.91 0.01	33.56 1.78 0.01	31.76 1.83 0.01	32.41 1.60 0.01	32.40 1.63 0.01	31.57 1.65 0.01	31.21 1.63 0.01	31.73 1.74 0.01	32.79 1.65 0.01	41.96 2.85 0.01	50.30 3.94 0.01	45.14 3.07 0.01	41.33 2.81 0.01	33.53 1.84 0.01	32.38 1.40 0.01	32.65 2.14 0.00	29.44 2.00 -0.01

NARROWS_GT1_8 24235	23.48 1.64 -0.01	21.74 1.44 -0.01	20.90 1.42 -0.01	20.68 1.35 -0.01	21.61 1.36 0.00	22.99 1.07 0.00	30.72 1.32 0.00	34.83 1.91 0.01	33.56 1.78 0.01	31.76 1.83 0.01	32.41 1.60 0.01	32.40 1.63 0.01	31.57 1.65 0.01	31.21 1.63 0.01	31.73 1.74 0.01	32.79 1.65 0.01	41.96 2.85 0.01	50.30 3.94 0.01	45.14 3.07 0.01	41.33 2.81 0.01	33.53 1.84 0.01	32.38 1.40 0.01	32.65 2.14 0.00	29.44 2.00 -0.01
NARROWS_GT2_1 24236	23.32 1.49 -0.01	21.60 1.30 -0.01	20.76 1.28 -0.01	20.54 1.22 -0.01	21.45 1.19 0.00	22.94 1.03 0.00	30.75 1.35 0.00	35.00 2.08 0.00	33.72 1.94 0.00	31.92 1.98 0.00	32.57 1.76 0.00	32.56 1.78 0.00	31.73 1.80 0.00	31.37 1.78 0.00	31.89 1.89 0.00	32.96 1.81 0.00	42.12 3.01 0.00	50.45 4.08 0.00	45.28 3.20 0.00	41.41 2.89 0.00	33.70 2.00 0.00	32.54 1.55 0.00	32.61 2.10 0.00	29.39 1.95 -0.01
NARROWS_GT2_2 24237	23.32 1.49 -0.01	21.60 1.30 -0.01	20.76 1.28 -0.01	20.54 1.22 -0.01	21.45 1.19 0.00	22.94 1.03 0.00	30.75 1.35 0.00	35.00 2.08 0.00	33.72 1.94 0.00	31.92 1.98 0.00	32.57 1.76 0.00	32.56 1.78 0.00	31.73 1.80 0.00	31.37 1.78 0.00	31.89 1.89 0.00	32.96 1.81 0.00	42.12 3.01 0.00	50.45 4.08 0.00	45.28 3.20 0.00	41.41 2.89 0.00	33.70 2.00 0.00	32.54 1.55 0.00	32.61 2.10 0.00	29.39 1.95 -0.01
NARROWS_GT2_3 24238	23.32 1.49 -0.01	21.60 1.30 -0.01	20.76 1.28 -0.01	20.54 1.22 -0.01	21.45 1.19 0.00	22.94 1.03 0.00	30.75 1.35 0.00	35.00 2.08 0.00	33.72 1.94 0.00	31.92 1.98 0.00	32.57 1.76 0.00	32.56 1.78 0.00	31.73 1.80 0.00	31.37 1.78 0.00	31.89 1.89 0.00	32.96 1.81 0.00	42.12 3.01 0.00	50.45 4.08 0.00	45.28 3.20 0.00	41.41 2.89 0.00	33.70 2.00 0.00	32.54 1.55 0.00	32.61 2.10 0.00	29.39 1.95 -0.01
NARROWS_GT2_4 24239	23.32 1.49 -0.01	21.60 1.30 -0.01	20.76 1.28 -0.01	20.54 1.22 -0.01	21.45 1.19 0.00	22.94 1.03 0.00	30.75 1.35 0.00	35.00 2.08 0.00	33.72 1.94 0.00	31.92 1.98 0.00	32.57 1.76 0.00	32.56 1.78 0.00	31.73 1.80 0.00	31.37 1.78 0.00	31.89 1.89 0.00	32.96 1.81 0.00	42.12 3.01 0.00	50.45 4.08 0.00	45.28 3.20 0.00	41.41 2.89 0.00	33.70 2.00 0.00	32.54 1.55 0.00	32.61 2.10 0.00	29.39 1.95 -0.01
NARROWS_GT2_5 24240	23.32 1.49 -0.01	21.60 1.30 -0.01	20.76 1.28 -0.01	20.54 1.22 -0.01	21.45 1.19 0.00	22.94 1.03 0.00	30.75 1.35 0.00	35.00 2.08 0.00	33.72 1.94 0.00	31.92 1.98 0.00	32.57 1.76 0.00	32.56 1.78 0.00	31.73 1.80 0.00	31.37 1.78 0.00	31.89 1.89 0.00	32.96 1.81 0.00	42.12 3.01 0.00	50.45 4.08 0.00	45.28 3.20 0.00	41.41 2.89 0.00	33.70 2.00 0.00	32.54 1.55 0.00	32.61 2.10 0.00	29.39 1.95 -0.01
NARROWS_GT2_6 24241	23.32 1.49 -0.01	21.60 1.30 -0.01	20.76 1.28 -0.01	20.54 1.22 -0.01	21.45 1.19 0.00	22.94 1.03 0.00	30.75 1.35 0.00	35.00 2.08 0.00	33.72 1.94 0.00	31.92 1.98 0.00	32.57 1.76 0.00	32.56 1.78 0.00	31.73 1.80 0.00	31.37 1.78 0.00	31.89 1.89 0.00	32.96 1.81 0.00	42.12 3.01 0.00	50.45 4.08 0.00	45.28 3.20 0.00	41.41 2.89 0.00	33.70 2.00 0.00	32.54 1.55 0.00	32.61 2.10 0.00	29.39 1.95 -0.01
NARROWS_GT2_7 24242	23.32 1.49 -0.01	21.60 1.30 -0.01	20.76 1.28 -0.01	20.54 1.22 -0.01	21.45 1.19 0.00	22.94 1.03 0.00	30.75 1.35 0.00	35.00 2.08 0.00	33.72 1.94 0.00	31.92 1.98 0.00	32.57 1.76 0.00	32.56 1.78 0.00	31.73 1.80 0.00	31.37 1.78 0.00	31.89 1.89 0.00	32.96 1.81 0.00	42.12 3.01 0.00	50.45 4.08 0.00	45.28 3.20 0.00	41.41 2.89 0.00	33.70 2.00 0.00	32.54 1.55 0.00	32.61 2.10 0.00	29.39 1.95 -0.01
NARROWS_GT2_8 24243	23.32 1.49 -0.01	21.60 1.30 -0.01	20.76 1.28 -0.01	20.54 1.22 -0.01	21.45 1.19 0.00	22.94 1.03 0.00	30.75 1.35 0.00	35.00 2.08 0.00	33.72 1.94 0.00	31.92 1.98 0.00	32.57 1.76 0.00	32.56 1.78 0.00	31.73 1.80 0.00	31.37 1.78 0.00	31.89 1.89 0.00	32.96 1.81 0.00	42.12 3.01 0.00	50.45 4.08 0.00	45.28 3.20 0.00	41.41 2.89 0.00	33.70 2.00 0.00	32.54 1.55 0.00	32.61 2.10 0.00	29.39 1.95 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	22.53 0.70 0.00	21.00 0.71 0.00	20.13 0.66 0.00	19.97 0.66 0.00	20.98 0.73 0.00	22.66 0.75 0.00	30.43 1.03 0.00	33.98 1.05 0.00	32.80 1.02 0.00	30.87 0.93 0.00	31.64 0.83 0.00	31.67 0.89 0.00	30.77 0.84 0.00	30.45 0.86 0.00	30.90 0.90 0.00	32.30 1.15 0.00	40.91 1.80 0.00	48.97 2.60 0.00	44.44 2.36 0.00	40.49 1.96 0.00	33.12 1.43 0.00	32.38 1.39 0.00	31.64 1.13 0.00	28.42 0.99 0.00
NCHELSEA_115KV_TR2 355582	22.94 1.11 0.00	21.28 0.99 0.00	20.42 0.95 0.00	20.22 0.91 0.00	21.18 0.93 0.00	22.92 1.01 0.00	30.78 1.38 0.00	34.83 1.91 0.00	33.56 1.78 0.00	31.68 1.74 0.00	32.38 1.57 0.00	32.38 1.60 0.00	31.55 1.62 0.00	31.10 1.51 0.00	31.65 1.65 0.00	32.96 1.81 0.00	41.85 2.74 0.00	50.13 3.76 0.00	45.11 3.03 0.00	41.22 2.70 0.00	33.50 1.81 0.00	32.75 1.77 0.00	32.10 1.59 0.00	28.89 1.45 0.00
NEG CAPITAL___MECHNVIL 23645	22.68 0.85 0.00	21.08 0.79 0.00	20.23 0.76 0.00	20.05 0.73 0.00	21.10 0.85 0.00	22.81 0.90 0.00	30.69 1.29 0.00	34.57 1.65 0.00	33.47 1.68 0.00	31.41 1.47 0.00	32.32 1.51 0.00	32.32 1.54 0.00	31.43 1.50 0.00	31.07 1.48 0.00	31.56 1.56 0.00	32.89 1.74 0.00	41.58 2.47 0.00	49.62 3.24 0.00	44.86 2.78 0.00	40.87 2.35 0.00	33.60 1.90 0.00	32.63 1.64 0.00	32.01 1.49 0.00	28.69 1.26 0.00
NEG CENTRAL_HIGH_ACRES 23767	20.92 -0.92 0.00	19.34 -0.95 0.00	18.52 -0.95 0.00	18.39 -0.93 0.00	19.30 -0.95 0.00	21.10 -0.81 0.00	28.52 -0.88 0.00	31.57 -1.35 0.00	30.86 -0.92 0.00	29.10 -0.84 0.00	30.07 -0.74 0.00	29.98 -0.80 0.00	29.19 -0.75 0.00	28.80 -0.80 0.00	29.01 -0.99 0.00	30.15 -1.00 0.00	38.21 -0.90 0.00	44.88 -1.49 0.00	40.69 -1.39 0.00	37.33 -1.19 0.00	30.84 -0.85 0.00	29.75 -1.24 0.00	29.11 -1.40 0.00	26.28 -1.15 0.00
NEG CENTRAL___DRP 24199	21.72 -0.11 0.00	20.11 -0.18 0.00	19.27 -0.19 0.00	19.12 -0.19 0.00	20.07 -0.18 0.00	21.80 -0.11 0.00	29.55 0.15 0.00	32.92 0.00 0.00	31.97 0.19 0.00	30.09 0.15 0.00	31.12 0.31 0.00	31.00 0.22 0.00	30.02 0.09 0.00	29.77 0.18 0.00	30.06 0.06 0.00	31.15 0.00 0.00	39.50 0.39 0.00	46.79 0.42 0.00	42.37 0.29 0.00	38.83 0.31 0.00	31.92 0.22 0.00	30.83 -0.15 0.00	30.42 -0.09 0.00	27.40 -0.03 0.00
NEG CENTRAL___INDECK 23768	21.94 0.11 0.00	20.19 -0.10 0.00	19.31 -0.16 0.00	19.16 -0.16 0.00	20.15 -0.10 0.00	22.13 0.22 0.00	30.13 0.74 0.00	33.29 0.36 0.00	32.61 0.82 0.00	30.66 0.72 0.00	31.67 0.86 0.00	31.49 0.71 0.00	30.62 0.69 0.00	30.24 0.65 0.00	30.54 0.54 0.00	31.65 0.50 0.00	40.40 1.29 0.00	47.53 1.16 0.00	43.09 1.01 0.00	39.64 1.12 0.00	32.78 1.08 0.00	31.42 0.43 0.00	30.70 0.18 0.00	27.71 0.27 0.00

NEG CENTRAL___SENECA 23627	21.79 -0.04 0.00	20.15 -0.14 0.00	19.29 -0.18 0.00	19.14 -0.17 0.00	20.11 -0.14 0.00	21.85 -0.07 0.00	29.72 0.32 0.00	33.09 0.16 0.00	32.23 0.44 0.00	30.30 0.36 0.00	31.33 0.52 0.00	31.21 0.43 0.00	30.20 0.27 0.00	29.98 0.38 0.00	30.24 0.24 0.00	31.31 0.16 0.00	39.74 0.63 0.00	47.02 0.65 0.00	42.58 0.50 0.00	39.02 0.50 0.00	32.17 0.48 0.00	30.99 0.00 0.00	30.60 0.09 0.00	27.60 0.16 0.00
NEG CENTRAL___STATE_STREET 24147	21.81 -0.02 0.00	20.21 -0.08 0.00	19.37 -0.10 0.00	19.22 -0.10 0.00	20.17 -0.08 0.00	21.89 -0.02 0.00	29.60 0.21 0.00	33.02 0.10 0.00	32.04 0.25 0.00	30.21 0.27 0.00	31.21 0.40 0.00	31.09 0.31 0.00	30.14 0.21 0.00	29.86 0.27 0.00	30.15 0.15 0.00	31.28 0.12 0.00	39.62 0.51 0.00	47.02 0.65 0.00	42.58 0.50 0.00	38.95 0.42 0.00	31.95 0.25 0.00	30.93 -0.06 0.00	30.48 -0.03 0.00	27.40 -0.03 0.00
NEG MILLWOOD___DRP 24198	23.05 1.22 0.00	21.39 1.10 0.00	20.52 1.05 0.00	20.34 1.02 0.00	21.27 1.01 0.00	22.99 1.07 0.00	30.87 1.47 0.00	35.13 2.21 0.00	33.85 2.07 0.00	31.95 2.01 0.00	32.69 1.88 0.00	32.69 1.91 0.00	31.82 1.89 0.00	31.37 1.78 0.00	31.89 1.89 0.00	33.24 2.09 0.00	42.20 3.09 0.00	50.68 4.31 0.00	45.57 3.49 0.00	41.60 3.08 0.00	33.79 2.09 0.00	33.00 2.01 0.00	32.28 1.77 0.00	28.99 1.56 0.00
NEG NORTH_FLCN_SEA 23793	22.09 0.26 0.00	20.76 0.47 0.00	20.01 0.55 0.00	19.90 0.58 0.00	20.70 0.45 0.00	22.42 0.50 0.00	29.49 0.09 0.00	32.73 -0.20 0.00	31.27 -0.51 0.00	29.10 -0.84 0.00	29.92 -0.89 0.00	29.83 -0.95 0.00	28.86 -1.08 0.00	28.50 -1.09 0.00	29.01 -0.99 0.00	30.25 -0.90 0.00	37.55 -1.56 0.00	43.63 -2.74 0.00	40.02 -2.06 0.00	37.75 -0.77 0.00	31.60 -0.10 0.00	31.17 0.19 0.00	30.72 0.21 0.00	27.32 -0.11 0.00
NEG NORTH_KES_CHATEGAY 23792	21.85 0.02 0.00	20.51 0.22 0.00	19.78 0.31 0.00	19.68 0.37 0.00	20.50 0.24 0.00	22.20 0.28 0.00	29.40 0.00 0.00	32.63 -0.30 0.00	31.18 -0.60 0.00	29.04 -0.90 0.00	29.86 -0.96 0.00	29.76 -1.02 0.00	28.80 -1.14 0.00	28.47 -1.12 0.00	28.98 -1.02 0.00	30.18 -0.97 0.00	37.47 -1.64 0.00	43.91 -2.46 0.00	40.31 -1.77 0.00	37.64 -0.89 0.00	31.51 -0.19 0.00	31.08 0.09 0.00	30.63 0.12 0.00	27.35 -0.08 0.00
NEG NORTH___ALICE_FALLS 23915	22.18 0.35 0.00	20.84 0.55 0.00	20.07 0.60 0.00	19.97 0.66 0.00	20.78 0.53 0.00	22.53 0.61 0.00	29.75 0.35 0.00	33.02 0.10 0.00	31.56 -0.22 0.00	29.34 -0.60 0.00	30.19 -0.62 0.00	30.10 -0.68 0.00	29.13 -0.81 0.00	28.76 -0.83 0.00	29.25 -0.75 0.00	30.53 -0.62 0.00	37.94 -1.17 0.00	44.33 -2.04 0.00	40.65 -1.43 0.00	38.18 -0.35 0.00	31.92 0.22 0.00	31.45 0.46 0.00	30.97 0.46 0.00	27.57 0.14 0.00
NEG NORTH___LWR_SARANAC 23913	22.18 0.35 0.00	20.84 0.55 0.00	20.07 0.60 0.00	19.97 0.66 0.00	20.78 0.53 0.00	22.53 0.61 0.00	29.75 0.35 0.00	33.02 0.10 0.00	31.56 -0.22 0.00	29.34 -0.60 0.00	30.19 -0.62 0.00	30.10 -0.68 0.00	29.13 -0.81 0.00	28.76 -0.83 0.00	29.25 -0.75 0.00	30.53 -0.62 0.00	37.94 -1.17 0.00	44.33 -2.04 0.00	40.65 -1.43 0.00	38.18 -0.35 0.00	31.92 0.22 0.00	31.45 0.46 0.00	30.97 0.46 0.00	27.57 0.14 0.00
NEG NORTH___PLATTSBURG 23628	22.18 0.35 0.00	20.84 0.55 0.00	20.07 0.60 0.00	19.97 0.66 0.00	20.78 0.53 0.00	22.53 0.61 0.00	29.75 0.35 0.00	33.02 0.10 0.00	31.56 -0.22 0.00	29.34 -0.60 0.00	30.19 -0.62 0.00	30.10 -0.68 0.00	29.10 -0.84 0.00	28.76 -0.83 0.00	29.25 -0.75 0.00	30.53 -0.62 0.00	37.94 -1.17 0.00	44.33 -2.04 0.00	40.65 -1.43 0.00	38.18 -0.35 0.00	31.70 0.00 0.00	31.42 0.43 0.00	30.97 0.46 0.00	28.23 0.80 0.00
NEG WEST_LEA_LOCKPORT 23791	20.52 -1.31 0.00	18.93 -1.36 0.00	18.15 -1.32 0.00	17.96 -1.35 0.00	18.86 -1.40 0.00	20.42 -1.49 0.00	28.02 -1.38 0.00	30.65 -2.27 0.00	30.29 -1.49 0.00	28.50 -1.44 0.00	29.46 -1.36 0.00	29.33 -1.45 0.00	28.41 -1.53 0.00	28.23 -1.36 0.00	28.38 -1.62 0.00	29.00 -2.15 0.00	37.39 -1.72 0.00	43.31 -3.06 0.00	39.30 -2.78 0.00	36.10 -2.43 0.00	29.89 -1.81 0.00	28.32 -2.66 0.00	28.50 -2.01 0.00	26.00 -1.43 0.00
NEG WEST___LANCASTER 23811	21.29 -0.55 0.00	19.66 -0.63 0.00	18.81 -0.66 0.00	18.64 -0.68 0.00	19.56 -0.69 0.00	21.21 -0.70 0.00	29.10 -0.29 0.00	32.00 -0.92 0.00	31.53 -0.25 0.00	29.61 -0.33 0.00	30.56 -0.25 0.00	30.47 -0.31 0.00	29.52 -0.42 0.00	29.30 -0.30 0.00	29.49 -0.51 0.00	30.18 -0.97 0.00	38.92 -0.20 0.00	45.49 -0.88 0.00	41.07 -1.01 0.00	37.79 -0.73 0.00	31.19 -0.51 0.00	29.75 -1.24 0.00	29.75 -0.76 0.00	27.07 -0.36 0.00
NEG_PENN_ALLEGHNY 23528	21.94 0.11 0.00	20.33 0.04 0.00	19.49 0.02 0.00	19.34 0.02 0.00	20.27 0.02 0.00	22.05 0.13 0.00	29.75 0.35 0.00	33.32 0.40 0.00	32.32 0.54 0.00	30.39 0.45 0.00	31.33 0.52 0.00	31.24 0.46 0.00	30.35 0.42 0.00	30.04 0.44 0.00	30.39 0.39 0.00	31.55 0.40 0.00	40.01 0.90 0.00	47.48 1.11 0.00	42.92 0.84 0.00	39.33 0.81 0.00	32.39 0.70 0.00	31.36 0.37 0.00	30.82 0.31 0.00	27.73 0.30 0.00
NEG___GEN_MONROE 24207	21.22 -0.61 0.00	19.62 -0.67 0.00	18.81 -0.66 0.00	18.64 -0.68 0.00	19.56 -0.69 0.00	21.26 -0.66 0.00	28.90 -0.50 0.00	31.87 -1.05 0.00	31.27 -0.51 0.00	29.43 -0.51 0.00	30.44 -0.37 0.00	30.35 -0.43 0.00	29.34 -0.60 0.00	29.03 -0.56 0.00	29.22 -0.78 0.00	30.09 -1.06 0.00	38.52 -0.59 0.00	45.03 -1.34 0.00	40.99 -1.09 0.00	37.64 -0.89 0.00	30.90 -0.79 0.00	29.59 -1.39 0.00	29.53 -0.98 0.00	26.77 -0.66 0.00
NEPA___ENERGY 23901	21.09 -0.74 0.00	19.48 -0.81 0.00	18.65 -0.82 0.00	18.47 -0.85 0.00	19.36 -0.89 0.00	21.02 -0.90 0.00	28.84 -0.56 0.00	31.71 -1.22 0.00	31.21 -0.57 0.00	29.31 -0.63 0.00	30.29 -0.52 0.00	30.16 -0.62 0.00	29.19 -0.75 0.00	28.97 -0.62 0.00	29.19 -0.81 0.00	29.90 -1.25 0.00	38.52 -0.59 0.00	45.07 -1.30 0.00	40.65 -1.43 0.00	37.44 -1.08 0.00	30.90 -0.79 0.00	29.50 -1.49 0.00	29.50 -1.01 0.00	26.83 -0.60 0.00
NEVERSink___HYD 23608	22.92 1.09 0.00	21.26 0.97 0.00	20.40 0.93 0.00	20.19 0.87 0.00	21.16 0.91 0.00	22.86 0.94 0.00	30.78 1.38 0.00	34.77 1.84 0.00	33.43 1.65 0.00	31.59 1.65 0.00	32.29 1.48 0.00	32.26 1.48 0.00	31.37 1.44 0.00	30.98 1.39 0.00	31.53 1.53 0.00	32.80 1.65 0.00	41.77 2.66 0.00	50.03 3.66 0.00	45.07 2.99 0.00	41.22 2.70 0.00	33.70 2.00 0.00	32.57 1.58 0.00	32.13 1.62 0.00	28.88 1.45 0.00
NEWKRMKL_115KV_TB1 55635	22.07 0.24 0.00	20.59 0.30 0.00	19.76 0.29 0.00	19.63 0.31 0.00	20.58 0.32 0.00	22.20 0.28 0.00	29.72 0.32 0.00	33.48 0.56 0.00	32.32 0.54 0.00	30.42 0.48 0.00	31.27 0.46 0.00	31.30 0.52 0.00	30.44 0.51 0.00	30.13 0.53 0.00	30.54 0.54 0.00	31.84 0.69 0.00	40.17 1.06 0.00	47.90 1.53 0.00	43.34 1.26 0.00	39.49 0.96 0.00	32.27 0.57 0.00	31.61 0.62 0.00	30.97 0.46 0.00	27.82 0.38 0.00

NEWTON___FALLS_HYD 23847	21.24 -0.59 0.00	19.78 -0.51 0.00	18.96 -0.51 0.00	18.85 -0.46 0.00	19.77 -0.49 0.00	21.41 -0.50 0.00	28.60 -0.79 0.00	31.87 -1.05 0.00	30.70 -1.08 0.00	28.98 -0.96 0.00	29.89 -0.92 0.00	29.92 -0.86 0.00	29.04 -0.90 0.00	28.79 -0.80 0.00	29.34 -0.66 0.00	30.50 -0.65 0.00	38.17 -0.94 0.00	45.30 -1.07 0.00	41.24 -0.84 0.00	37.83 -0.69 0.00	31.22 -0.48 0.00	30.46 -0.53 0.00	30.05 -0.46 0.00	26.88 -0.55 0.00
NGRID_A1_DSASP 323792	20.04 -1.79 0.00	18.50 -1.79 0.00	17.74 -1.73 0.00	17.58 -1.74 0.00	18.43 -1.82 0.00	20.36 -1.56 0.00	27.49 -1.91 0.00	29.90 -3.03 0.00	29.56 -2.23 0.00	27.78 -2.16 0.00	28.71 -2.10 0.00	28.60 -2.18 0.00	27.90 -2.04 0.00	27.55 -2.04 0.00	27.66 -2.34 0.00	28.57 -2.59 0.00	36.37 -2.74 0.00	42.06 -4.31 0.00	38.21 -3.87 0.00	35.06 -3.47 0.00	29.35 -2.35 0.00	28.29 -2.70 0.00	27.61 -2.90 0.00	25.29 -2.14 0.00
NGRID_A2_DSASP 323793	20.04 -1.79 0.00	18.50 -1.79 0.00	17.74 -1.73 0.00	17.58 -1.74 0.00	18.43 -1.82 0.00	20.36 -1.56 0.00	27.49 -1.91 0.00	29.90 -3.03 0.00	29.56 -2.23 0.00	27.78 -2.16 0.00	28.71 -2.10 0.00	28.60 -2.18 0.00	27.90 -2.04 0.00	27.55 -2.04 0.00	27.66 -2.34 0.00	28.57 -2.59 0.00	36.37 -2.74 0.00	42.06 -4.31 0.00	38.21 -3.87 0.00	35.06 -3.47 0.00	29.35 -2.35 0.00	28.29 -2.70 0.00	27.61 -2.90 0.00	25.29 -2.14 0.00
NGRID_A4_DSASP 323807	20.04 -1.79 0.00	18.50 -1.79 0.00	17.74 -1.73 0.00	17.58 -1.74 0.00	18.43 -1.82 0.00	20.36 -1.56 0.00	27.49 -1.91 0.00	29.90 -3.03 0.00	29.56 -2.23 0.00	27.78 -2.16 0.00	28.71 -2.10 0.00	28.60 -2.18 0.00	27.90 -2.04 0.00	27.55 -2.04 0.00	27.66 -2.34 0.00	28.57 -2.59 0.00	36.37 -2.74 0.00	42.06 -4.31 0.00	38.21 -3.87 0.00	35.06 -3.47 0.00	29.35 -2.35 0.00	28.29 -2.70 0.00	27.61 -2.90 0.00	25.29 -2.14 0.00
NIAGARA_115E_LBMP 323715	20.15 -1.68 0.00	18.63 -1.66 0.00	17.85 -1.62 0.00	17.69 -1.62 0.00	18.57 -1.68 0.00	20.38 -1.53 0.00	27.58 -1.82 0.00	30.03 -2.90 0.00	29.68 -2.10 0.00	27.93 -2.01 0.00	28.84 -1.97 0.00	28.75 -2.03 0.00	28.02 -1.92 0.00	27.67 -1.92 0.00	27.81 -2.19 0.00	28.72 -2.43 0.00	36.57 -2.54 0.00	42.34 -4.03 0.00	38.42 -3.66 0.00	35.29 -3.24 0.00	29.51 -2.19 0.00	28.45 -2.54 0.00	27.73 -2.78 0.00	25.40 -2.03 0.00
NIAGARA_115W_LBMP 323714	20.00 -1.83 0.00	18.46 -1.83 0.00	17.68 -1.79 0.00	17.54 -1.78 0.00	18.39 -1.86 0.00	20.32 -1.60 0.00	27.40 -2.00 0.00	29.80 -3.13 0.00	29.46 -2.32 0.00	27.72 -2.22 0.00	28.62 -2.19 0.00	28.53 -2.25 0.00	27.81 -2.12 0.00	27.46 -2.13 0.00	27.60 -2.40 0.00	28.50 -2.65 0.00	36.26 -2.85 0.00	41.92 -4.45 0.00	38.08 -4.00 0.00	34.98 -3.54 0.00	29.26 -2.44 0.00	28.20 -2.79 0.00	27.52 -2.99 0.00	25.21 -2.22 0.00
NIAGARA_230_LBMP 323716	20.33 -1.51 0.00	18.77 -1.52 0.00	17.99 -1.48 0.00	17.83 -1.49 0.00	18.69 -1.56 0.00	20.60 -1.31 0.00	27.84 -1.56 0.00	30.29 -2.64 0.00	29.94 -1.84 0.00	28.17 -1.77 0.00	29.09 -1.72 0.00	28.99 -1.79 0.00	28.26 -1.68 0.00	27.91 -1.69 0.00	28.02 -1.98 0.00	28.97 -2.18 0.00	36.84 -2.27 0.00	42.66 -3.71 0.00	38.75 -3.33 0.00	35.56 -2.97 0.00	29.76 -1.93 0.00	28.66 -2.32 0.00	28.01 -2.50 0.00	25.62 -1.81 0.00
NIAGARA___115KV_198_GIBSON 55903	20.00 -1.83 0.00	18.46 -1.83 0.00	17.68 -1.79 0.00	17.52 -1.80 0.00	18.39 -1.86 0.00	19.99 -1.93 0.00	27.28 -2.12 0.00	29.80 -3.13 0.00	29.46 -2.32 0.00	27.72 -2.22 0.00	28.62 -2.19 0.00	28.53 -2.25 0.00	27.60 -2.33 0.00	27.46 -2.13 0.00	27.60 -2.40 0.00	28.16 -2.99 0.00	36.26 -2.86 0.00	41.92 -4.45 0.00	38.08 -4.00 0.00	34.98 -3.54 0.00	28.97 -2.73 0.00	27.49 -3.50 0.00	27.70 -2.81 0.00	25.32 -2.11 0.00
NIAGARA____ 23760	20.33 -1.51 0.00	18.77 -1.52 0.00	17.99 -1.48 0.00	17.83 -1.49 0.00	18.69 -1.56 0.00	20.60 -1.31 0.00	27.84 -1.56 0.00	30.29 -2.64 0.00	29.94 -1.84 0.00	28.17 -1.77 0.00	29.09 -1.72 0.00	28.99 -1.79 0.00	28.26 -1.68 0.00	27.91 -1.69 0.00	28.02 -1.98 0.00	28.97 -2.18 0.00	36.84 -2.27 0.00	42.66 -3.71 0.00	38.75 -3.33 0.00	35.56 -2.97 0.00	29.76 -1.93 0.00	28.66 -2.32 0.00	28.01 -2.50 0.00	25.62 -1.81 0.00
NINE_MILE_1 23575	21.20 -0.63 0.00	19.66 -0.63 0.00	18.87 -0.60 0.00	18.72 -0.60 0.00	19.62 -0.63 0.00	21.30 -0.61 0.00	28.58 -0.82 0.00	31.77 -1.15 0.00	30.70 -1.08 0.00	28.92 -1.02 0.00	29.86 -0.96 0.00	29.79 -0.99 0.00	28.98 -0.96 0.00	28.65 -0.95 0.00	28.98 -1.02 0.00	30.09 -1.06 0.00	37.94 -1.17 0.00	44.98 -1.39 0.00	40.77 -1.30 0.00	37.33 -1.19 0.00	30.71 -0.98 0.00	29.90 -1.09 0.00	29.38 -1.13 0.00	26.42 -1.01 0.00
NINE_MILE_2 23744	21.20 -0.63 0.00	19.66 -0.63 0.00	18.87 -0.60 0.00	18.72 -0.60 0.00	19.62 -0.63 0.00	21.30 -0.61 0.00	28.58 -0.82 0.00	31.77 -1.15 0.00	30.70 -1.08 0.00	28.92 -1.02 0.00	29.86 -0.96 0.00	29.79 -0.99 0.00	28.98 -0.96 0.00	28.65 -0.95 0.00	28.98 -1.02 0.00	30.09 -1.06 0.00	37.94 -1.17 0.00	44.98 -1.39 0.00	40.77 -1.30 0.00	37.33 -1.19 0.00	30.71 -0.98 0.00	29.90 -1.09 0.00	29.38 -1.13 0.00	26.42 -1.01 0.00
NM_CAPITAL___DRP 24208	22.14 0.31 0.00	20.63 0.34 0.00	19.80 0.33 0.00	19.66 0.35 0.00	20.62 0.36 0.00	22.26 0.35 0.00	29.78 0.38 0.00	33.55 0.63 0.00	32.42 0.64 0.00	30.51 0.57 0.00	31.33 0.52 0.00	31.36 0.58 0.00	30.53 0.60 0.00	30.19 0.59 0.00	30.63 0.63 0.00	31.90 0.75 0.00	40.25 1.13 0.00	48.04 1.67 0.00	43.43 1.35 0.00	39.60 1.08 0.00	32.33 0.63 0.00	31.70 0.71 0.00	31.06 0.55 0.00	27.87 0.44 0.00
NM_CENTRAL___DRP 24181	21.59 -0.24 0.00	20.03 -0.26 0.00	19.20 -0.27 0.00	19.07 -0.25 0.00	19.99 -0.26 0.00	21.67 -0.24 0.00	29.16 -0.24 0.00	32.46 -0.46 0.00	31.40 -0.38 0.00	29.58 -0.36 0.00	30.56 -0.25 0.00	30.47 -0.31 0.00	29.60 -0.33 0.00	29.30 -0.30 0.00	29.61 -0.39 0.00	30.75 -0.40 0.00	38.88 -0.23 0.00	46.14 -0.23 0.00	41.78 -0.29 0.00	38.21 -0.31 0.00	31.35 -0.35 0.00	30.46 -0.53 0.00	29.99 -0.52 0.00	27.02 -0.41 0.00
NM_FRONTIER___DRP 24179	20.00 -1.83 0.00	18.46 -1.83 0.00	17.68 -1.79 0.00	17.52 -1.80 0.00	18.39 -1.86 0.00	19.99 -1.93 0.00	27.28 -2.12 0.00	29.80 -3.13 0.00	29.46 -2.32 0.00	27.72 -2.22 0.00	28.62 -2.19 0.00	28.53 -2.25 0.00	27.60 -2.33 0.00	27.46 -2.13 0.00	27.60 -2.40 0.00	28.16 -2.99 0.00	36.26 -2.86 0.00	41.92 -4.45 0.00	38.08 -4.00 0.00	34.98 -3.54 0.00	28.97 -2.73 0.00	27.49 -3.50 0.00	27.70 -2.81 0.00	25.32 -2.11 0.00
NM_ST_REGIS___HYD 24053	21.59 -0.24 0.00	20.17 -0.12 0.00	19.39 -0.08 0.00	19.28 -0.04 0.00	20.13 -0.12 0.00	21.74 -0.18 0.00	28.93 -0.47 0.00	32.13 -0.79 0.00	30.89 -0.89 0.00	29.07 -0.87 0.00	29.98 -0.83 0.00	30.04 -0.74 0.00	29.16 -0.78 0.00	28.85 -0.74 0.00	29.34 -0.66 0.00	30.40 -0.75 0.00	37.51 -1.60 0.00	44.24 -2.13 0.00	40.48 -1.60 0.00	37.33 -1.19 0.00	31.09 -0.60 0.00	30.52 -0.46 0.00	30.14 -0.37 0.00	26.94 -0.49 0.00

NORTHPORT___1 23551	25.17 1.83 -1.51	23.49 1.60 -1.60	23.42 1.54 -2.41	23.64 1.45 -2.88	24.91 1.56 -3.10	27.20 1.62 -3.67	37.52 2.23 -5.89	41.13 3.00 -5.21	38.76 2.80 -4.18	32.66 2.72 0.00	33.37 2.56 0.00	33.43 2.65 0.00	37.41 2.54 -4.93	37.39 2.49 -5.31	38.85 2.61 -6.24	40.50 2.65 -6.70	51.21 4.03 -8.07	66.16 5.06 -14.74	56.84 4.13 -10.64	53.01 3.78 -10.71	44.04 2.85 -9.49	41.34 2.45 -7.91	37.12 2.59 -4.01	32.31 2.36 -2.52
NORTHPORT___2 23552	25.17 1.83 -1.51	23.49 1.60 -1.60	23.42 1.54 -2.41	23.64 1.45 -2.88	24.91 1.56 -3.10	27.20 1.62 -3.67	37.52 2.23 -5.89	41.13 3.00 -5.21	38.76 2.80 -4.18	32.66 2.72 0.00	33.37 2.56 0.00	33.43 2.65 0.00	37.41 2.54 -4.93	37.39 2.49 -5.31	38.85 2.61 -6.24	40.50 2.65 -6.70	51.21 4.03 -8.07	66.16 5.06 -14.74	56.84 4.13 -10.64	53.01 3.78 -10.71	44.04 2.85 -9.49	41.34 2.45 -7.91	37.12 2.59 -4.01	32.31 2.36 -2.52
NORTHPORT___3 23553	24.95 1.62 -1.51	23.72 1.85 -1.59	23.82 1.95 -2.40	24.23 2.05 -2.87	25.02 1.68 -3.09	27.03 1.45 -3.67	37.34 2.06 -5.89	40.51 2.37 -5.21	38.66 2.70 -4.18	32.48 2.54 0.00	33.15 2.34 0.00	33.24 2.46 0.00	37.26 2.40 -4.93	37.30 2.40 -5.31	38.55 2.31 -6.24	39.78 1.93 -6.70	49.92 2.74 -8.07	64.86 3.75 -14.74	55.58 2.86 -10.64	51.86 2.62 -10.71	43.06 1.87 -9.49	40.44 1.55 -7.91	37.03 2.50 -4.01	32.17 2.22 -2.52
NORTHPORT___4 23650	24.95 1.62 -1.51	23.72 1.85 -1.59	23.82 1.95 -2.40	24.23 2.05 -2.87	25.02 1.68 -3.09	27.03 1.45 -3.67	37.34 2.06 -5.89	40.51 2.37 -5.21	38.66 2.70 -4.18	32.48 2.54 0.00	33.15 2.34 0.00	33.24 2.46 0.00	37.26 2.40 -4.93	37.30 2.40 -5.31	38.55 2.31 -6.24	39.78 1.93 -6.70	49.92 2.74 -8.07	64.86 3.75 -14.74	55.58 2.86 -10.64	51.86 2.62 -10.71	43.06 1.87 -9.49	40.44 1.55 -7.91	37.03 2.50 -4.01	32.17 2.22 -2.52
NORTHPORT___IC 23718	25.17 1.83 -1.51	23.49 1.60 -1.60	23.42 1.54 -2.41	23.64 1.45 -2.88	24.91 1.56 -3.10	27.20 1.62 -3.67	37.52 2.23 -5.89	41.13 3.00 -5.21	38.76 2.80 -4.18	32.66 2.72 0.00	33.37 2.56 0.00	33.43 2.65 0.00	37.41 2.54 -4.93	37.39 2.49 -5.31	38.85 2.61 -6.24	40.50 2.65 -6.70	51.21 4.03 -8.07	66.16 5.06 -14.74	56.84 4.13 -10.64	53.01 3.78 -10.71	44.04 2.85 -9.49	41.34 2.45 -7.91	37.12 2.59 -4.01	32.31 2.36 -2.52
NORTH___COUNTRY_ESR 323785	21.77 -0.07 0.00	20.45 0.16 0.00	19.70 0.23 0.00	19.61 0.29 0.00	20.41 0.16 0.00	22.11 0.20 0.00	29.28 -0.12 0.00	32.50 -0.43 0.00	31.08 -0.70 0.00	28.95 -0.99 0.00	29.76 -1.05 0.00	29.67 -1.11 0.00	28.71 -1.23 0.00	28.38 -1.21 0.00	28.86 -1.14 0.00	30.06 -1.09 0.00	37.31 -1.80 0.00	43.73 -2.64 0.00	40.10 -1.98 0.00	37.48 -1.04 0.00	31.09 -0.60 0.00	30.93 -0.06 0.00	30.54 0.03 0.00	27.73 0.30 0.00
NPX_GEN_1385_PROXY 323591	24.95 1.62 -1.51	23.35 1.46 -1.60	23.38 1.50 -2.41	23.57 1.37 -2.88	24.77 1.42 -3.10	26.96 1.38 -3.67	37.17 1.88 -5.89	40.51 2.37 -5.21	38.15 2.19 -4.18	32.48 2.54 0.00	33.24 2.43 0.00	33.15 2.37 0.00	36.63 1.77 -4.93	36.33 1.81 -4.93	38.16 1.92 -6.24	41.59 2.12 -8.32	49.28 3.72 -6.45	62.20 3.90 -11.93	56.00 3.28 -10.64	49.57 2.85 -8.20	45.89 2.19 -12.01	40.94 2.04 -7.91	36.57 2.04 -4.01	31.98 2.03 -2.52
NPX_GEN_CSC 323557	25.37 2.03 -1.51	23.76 1.87 -1.60	23.68 1.79 -2.42	23.96 1.76 -2.89	25.14 1.78 -3.11	27.40 1.82 -3.67	37.58 2.29 -5.89	41.33 3.19 -5.21	38.82 2.86 -4.18	32.60 2.66 0.00	33.28 2.47 0.00	33.27 2.49 0.00	37.38 2.51 -4.93	37.39 2.49 -5.31	38.88 2.64 -6.24	42.09 2.62 -8.32	49.44 3.87 -6.45	66.16 5.06 -14.74	56.72 4.00 -10.64	50.46 3.74 -8.20	46.46 2.76 -12.01	41.25 2.35 -7.91	37.03 2.50 -4.01	32.31 2.36 -2.52
NSINS_S_GLNS_FALLS 23858	22.68 0.85 0.00	21.06 0.77 0.00	20.19 0.72 0.00	20.03 0.71 0.00	21.08 0.83 0.00	22.88 0.96 0.00	30.84 1.44 0.00	34.74 1.81 0.00	33.69 1.91 0.00	31.59 1.65 0.00	32.51 1.69 0.00	32.50 1.72 0.00	31.58 1.65 0.00	31.25 1.66 0.00	31.71 1.71 0.00	33.08 1.93 0.00	41.85 2.74 0.00	50.03 3.66 0.00	45.15 3.07 0.00	41.10 2.58 0.00	33.60 1.90 0.00	32.78 1.80 0.00	32.04 1.53 0.00	28.69 1.26 0.00
NUCOR_STEEL___DRP 24197	21.85 0.02 0.00	20.23 -0.06 0.00	19.39 -0.08 0.00	19.26 -0.06 0.00	20.19 -0.06 0.00	21.91 0.00 0.00	29.57 0.18 0.00	32.96 0.03 0.00	31.94 0.16 0.00	30.09 0.15 0.00	31.09 0.28 0.00	30.96 0.18 0.00	30.05 0.12 0.00	29.77 0.18 0.00	30.09 0.09 0.00	31.24 0.09 0.00	39.58 0.47 0.00	46.93 0.56 0.00	42.50 0.42 0.00	38.91 0.39 0.00	31.92 0.22 0.00	30.93 -0.06 0.00	30.48 -0.03 0.00	27.46 0.03 0.00
NUMBER_THREE_WT_PWR 323818	21.42 -0.42 0.00	19.94 -0.35 0.00	19.08 -0.39 0.00	18.97 -0.35 0.00	19.91 -0.34 0.00	21.65 -0.26 0.00	29.05 -0.35 0.00	32.50 -0.43 0.00	31.31 -0.48 0.00	29.58 -0.36 0.00	30.47 -0.34 0.00	30.38 -0.40 0.00	29.54 -0.39 0.00	29.33 -0.27 0.00	29.94 -0.06 0.00	31.31 0.16 0.00	39.78 0.66 0.00	47.30 0.93 0.00	42.92 0.84 0.00	39.29 0.77 0.00	32.27 0.57 0.00	31.36 0.37 0.00	30.85 0.34 0.00	27.60 0.17 0.00
NYISO_LBMP_REFERENCE 24008	21.83 0.00 0.00	20.29 0.00 0.00	19.47 0.00 0.00	19.32 0.00 0.00	20.25 0.00 0.00	21.91 0.00 0.00	29.40 0.00 0.00	32.92 0.00 0.00	31.78 0.00 0.00	29.94 0.00 0.00	30.81 0.00 0.00	30.78 0.00 0.00	29.93 0.00 0.00	29.59 0.00 0.00	30.00 0.00 0.00	31.15 0.00 0.00	39.11 0.00 0.00	46.37 0.00 0.00	42.08 0.00 0.00	38.52 0.00 0.00	31.70 0.00 0.00	30.99 0.00 0.00	30.51 0.00 0.00	27.43 0.00 0.00
NYPA_BRENTWD___GT 24164	25.43 2.10 -1.51	23.77 1.89 -1.60	23.71 1.83 -2.41	23.93 1.74 -2.88	25.20 1.84 -3.10	27.51 1.93 -3.67	37.99 2.70 -5.89	41.59 3.46 -5.21	39.17 3.21 -4.18	32.96 3.02 0.00	33.64 2.83 0.00	33.83 3.05 0.00	37.86 2.99 -4.93	37.86 2.96 -5.31	39.36 3.12 -6.24	41.03 3.18 -6.70	51.92 4.73 -8.07	67.13 6.03 -14.74	57.64 4.92 -10.64	53.74 4.51 -10.71	44.61 3.42 -9.49	41.84 2.95 -7.91	37.57 3.05 -4.01	32.72 2.77 -2.52
NYPA_GOWANUS___GT5 24156	23.48 1.64 -0.01	21.74 1.44 -0.01	20.90 1.42 -0.01	20.68 1.35 -0.01	21.61 1.36 0.00	22.99 1.07 0.00	30.72 1.32 0.00	34.83 1.91 0.01	33.56 1.78 0.01	31.76 1.83 0.01	32.41 1.60 0.01	32.40 1.63 0.01	31.57 1.65 0.01	31.21 1.63 0.01	31.73 1.74 0.01	32.79 1.65 0.01	41.96 2.85 0.01	50.30 3.94 0.01	45.14 3.07 0.01	41.33 2.81 0.01	33.53 1.84 0.01	32.38 1.40 0.01	32.65 2.14 0.00	29.44 2.00 -0.01
NYPA_GOWANUS___GT6 24157	23.48 1.64 -0.01	21.74 1.44 -0.01	20.90 1.42 -0.01	20.68 1.35 -0.01	21.61 1.36 0.00	22.99 1.07 0.00	30.72 1.32 0.00	34.83 1.91 0.01	33.56 1.78 0.01	31.76 1.83 0.01	32.41 1.60 0.01	32.40 1.63 0.01	31.57 1.65 0.01	31.21 1.63 0.01	31.73 1.74 0.01	32.79 1.65 0.01	41.96 2.85 0.01	50.30 3.94 0.01	45.14 3.07 0.01	41.33 2.81 0.01	33.53 1.84 0.01	32.38 1.40 0.01	32.65 2.14 0.00	29.44 2.00 -0.01

NYPA_HARLEM__RVR__GT1 24160	23.26 1.42 -0.01	21.47 1.18 0.00	20.64 1.17 0.00	20.42 1.10 0.00	21.33 1.07 0.00	22.92 1.01 0.00	30.63 1.23 0.00	34.89 1.98 0.01	33.62 1.84 0.01	31.79 1.86 0.01	32.47 1.66 0.01	32.49 1.72 0.01	31.66 1.74 0.01	31.34 1.75 0.00	31.79 1.80 0.01	32.89 1.74 0.01	41.88 2.78 0.01	50.07 3.71 0.01	45.02 2.94 0.01	41.18 2.66 0.00	33.59 1.90 0.01	32.44 1.46 0.01	32.80 2.29 0.00	29.47 2.03 -0.01
NYPA_HARLEM__RVR__GT2 24161	23.26 1.42 -0.01	21.47 1.18 0.00	20.64 1.17 0.00	20.42 1.10 0.00	21.33 1.07 0.00	22.92 1.01 0.00	30.63 1.23 0.00	34.89 1.98 0.01	33.62 1.84 0.01	31.79 1.86 0.01	32.47 1.66 0.01	32.49 1.72 0.01	31.66 1.74 0.01	31.34 1.75 0.00	31.79 1.80 0.01	32.89 1.74 0.01	41.88 2.78 0.01	50.07 3.71 0.01	45.02 2.94 0.01	41.18 2.66 0.00	33.59 1.90 0.01	32.44 1.46 0.01	32.80 2.29 0.00	29.47 2.03 -0.01
NYPA_KENT____GT 24152	23.23 1.40 0.00	21.52 1.22 -0.01	20.67 1.19 -0.01	20.46 1.14 -0.01	21.39 1.13 0.00	22.92 1.01 0.00	30.75 1.35 0.00	35.03 2.11 0.00	33.75 1.97 0.00	31.92 1.98 0.00	32.57 1.76 0.00	32.60 1.82 0.00	31.73 1.80 0.00	31.37 1.78 0.00	31.89 1.89 0.00	32.99 1.84 0.00	42.08 2.97 0.00	50.36 3.99 0.00	45.19 3.11 0.00	41.37 2.85 0.00	33.70 2.00 0.00	32.57 1.58 0.00	32.59 2.08 0.00	29.33 1.89 -0.01
NYPA_POUCH1____GT 24155	23.41 1.57 -0.01	21.68 1.38 -0.01	20.84 1.36 -0.01	20.62 1.29 -0.01	21.55 1.30 0.00	22.94 1.03 0.00	30.63 1.23 0.00	34.76 1.84 0.01	33.49 1.72 0.01	31.70 1.77 0.01	32.34 1.54 0.01	32.34 1.57 0.01	31.51 1.59 0.01	31.15 1.57 0.01	31.67 1.68 0.01	32.73 1.59 0.01	41.88 2.78 0.01	50.17 3.80 0.01	45.02 2.94 0.01	41.21 2.70 0.01	33.46 1.77 0.01	32.34 1.36 0.01	32.56 2.04 0.00	29.39 1.95 -0.01
NYPA_VERNON____GT2 24162	23.14 1.31 0.00	21.43 1.14 0.00	20.58 1.11 0.00	20.38 1.06 0.00	21.31 1.05 0.00	22.90 0.99 0.00	30.75 1.35 0.00	35.06 2.14 0.00	33.75 1.97 0.00	31.95 2.01 0.00	32.60 1.79 0.00	32.63 1.85 0.00	31.76 1.83 0.00	31.40 1.81 0.00	31.92 1.92 0.00	33.02 1.87 0.00	42.05 2.93 0.00	50.27 3.90 0.00	45.11 3.03 0.00	41.30 2.78 0.00	33.73 2.03 0.00	32.60 1.61 0.00	32.52 2.01 0.00	29.28 1.84 -0.01
NYPA_VERNON____GT3 24163	23.14 1.31 0.00	21.43 1.14 0.00	20.58 1.11 0.00	20.38 1.06 0.00	21.31 1.05 0.00	22.90 0.99 0.00	30.75 1.35 0.00	35.06 2.14 0.00	33.75 1.97 0.00	31.95 2.01 0.00	32.60 1.79 0.00	32.63 1.85 0.00	31.76 1.83 0.00	31.40 1.81 0.00	31.92 1.92 0.00	33.02 1.87 0.00	42.05 2.93 0.00	50.27 3.90 0.00	45.11 3.03 0.00	41.30 2.78 0.00	33.73 2.03 0.00	32.60 1.61 0.00	32.52 2.01 0.00	29.28 1.84 -0.01
NYPA__ASTORIA_CC1 323568	23.12 1.29 0.00	21.41 1.12 0.00	20.58 1.11 0.00	20.36 1.04 0.00	21.29 1.03 0.00	22.88 0.96 0.00	30.72 1.32 0.00	35.00 2.08 0.00	33.72 1.94 0.00	31.88 1.94 0.00	32.57 1.76 0.00	32.56 1.78 0.00	31.73 1.80 0.00	31.34 1.75 0.00	31.86 1.86 0.00	32.96 1.81 0.00	41.96 2.85 0.00	50.17 3.80 0.00	45.02 2.94 0.00	41.22 2.70 0.00	33.66 1.97 0.00	32.54 1.55 0.00	32.52 2.01 0.00	29.28 1.84 -0.01
NYPA__ASTORIA_CC2 323569	23.12 1.29 0.00	21.41 1.12 0.00	20.58 1.11 0.00	20.36 1.04 0.00	21.29 1.03 0.00	22.88 0.96 0.00	30.72 1.32 0.00	35.00 2.08 0.00	33.72 1.94 0.00	31.88 1.94 0.00	32.57 1.76 0.00	32.56 1.78 0.00	31.73 1.80 0.00	31.34 1.75 0.00	31.86 1.86 0.00	32.96 1.81 0.00	41.96 2.85 0.00	50.17 3.80 0.00	45.02 2.94 0.00	41.22 2.70 0.00	33.66 1.97 0.00	32.54 1.55 0.00	32.52 2.01 0.00	29.28 1.84 -0.01
NYPA__HOLTSVILL 23794	25.28 1.94 -1.51	23.68 1.79 -1.60	23.60 1.71 -2.42	23.86 1.66 -2.89	25.06 1.70 -3.11	27.34 1.75 -3.67	37.61 2.32 -5.89	41.33 3.19 -5.21	38.85 2.89 -4.18	32.66 2.72 0.00	33.34 2.53 0.00	33.39 2.61 0.00	37.47 2.60 -4.93	37.48 2.57 -5.31	38.94 2.70 -6.24	40.56 2.71 -6.70	51.21 4.03 -8.07	66.30 5.19 -14.74	56.88 4.17 -10.64	53.09 3.85 -10.71	44.07 2.88 -9.49	41.38 2.48 -7.91	37.15 2.62 -4.01	32.36 2.41 -2.52
NYPA__HELLGATE_GT1 24158	23.26 1.42 -0.01	21.47 1.18 0.00	20.64 1.17 0.00	20.42 1.10 0.00	21.33 1.07 0.00	22.92 1.01 0.00	30.63 1.23 0.00	34.89 1.98 0.01	33.62 1.84 0.01	31.79 1.86 0.01	32.47 1.66 0.01	32.49 1.72 0.01	31.66 1.74 0.01	31.34 1.75 0.00	31.79 1.80 0.01	32.89 1.74 0.01	41.88 2.78 0.01	50.07 3.71 0.01	45.02 2.94 0.01	41.18 2.66 0.00	33.59 1.90 0.01	32.44 1.46 0.01	32.80 2.29 0.00	29.47 2.03 -0.01
NYPA__HELLGATE_GT2 24159	23.26 1.42 -0.01	21.47 1.18 0.00	20.64 1.17 0.00	20.42 1.10 0.00	21.33 1.07 0.00	22.92 1.01 0.00	30.63 1.23 0.00	34.89 1.98 0.01	33.62 1.84 0.01	31.79 1.86 0.01	32.47 1.66 0.01	32.49 1.72 0.01	31.66 1.74 0.01	31.34 1.75 0.00	31.79 1.80 0.01	32.89 1.74 0.01	41.88 2.78 0.01	50.07 3.71 0.01	45.02 2.94 0.01	41.18 2.66 0.00	33.59 1.90 0.01	32.44 1.46 0.01	32.80 2.29 0.00	29.47 2.03 -0.01
NYS_BARGE__HYD 23848	20.52 -1.31 0.00	18.95 -1.34 0.00	18.14 -1.32 0.00	17.98 -1.33 0.00	18.87 -1.38 0.00	20.77 -1.14 0.00	28.13 -1.26 0.00	30.65 -2.27 0.00	30.29 -1.49 0.00	28.50 -1.44 0.00	29.46 -1.35 0.00	29.36 -1.42 0.00	28.62 -1.32 0.00	28.26 -1.33 0.00	28.41 -1.59 0.00	29.34 -1.81 0.00	37.43 -1.68 0.00	43.36 -3.01 0.00	39.34 -2.73 0.00	36.13 -2.39 0.00	30.21 -1.49 0.00	29.04 -1.95 0.00	28.31 -2.20 0.00	25.90 -1.54 0.00
OAK ORCHARD__HYD 24046	21.18 -0.65 0.00	19.56 -0.73 0.00	18.73 -0.74 0.00	18.58 -0.73 0.00	19.50 -0.75 0.00	21.37 -0.55 0.00	28.93 -0.47 0.00	31.87 -1.05 0.00	31.21 -0.57 0.00	29.40 -0.54 0.00	30.41 -0.40 0.00	30.32 -0.46 0.00	29.51 -0.42 0.00	29.12 -0.47 0.00	29.34 -0.66 0.00	30.47 -0.69 0.00	38.64 -0.47 0.00	45.21 -1.16 0.00	41.03 -1.05 0.00	37.68 -0.85 0.00	31.19 -0.51 0.00	30.06 -0.93 0.00	29.38 -1.13 0.00	26.58 -0.85 0.00
OAKDALE__35_KV_LOAD 356122	21.92 0.09 0.00	20.31 0.02 0.00	19.47 0.00 0.00	19.30 -0.02 0.00	20.25 0.00 0.00	21.94 0.02 0.00	29.66 0.26 0.00	33.25 0.33 0.00	32.23 0.44 0.00	30.33 0.39 0.00	31.24 0.43 0.00	31.15 0.37 0.00	30.26 0.33 0.00	29.95 0.36 0.00	30.33 0.33 0.00	31.43 0.28 0.00	39.89 0.78 0.00	47.34 0.97 0.00	42.79 0.72 0.00	39.22 0.69 0.00	32.14 0.44 0.00	31.20 0.22 0.00	30.79 0.27 0.00	27.71 0.27 0.00
OCC_CHEM__DRP 24175	20.04 -1.79 0.00	18.50 -1.79 0.00	17.74 -1.73 0.00	17.56 -1.76 0.00	18.43 -1.82 0.00	20.03 -1.88 0.00	27.37 -2.03 0.00	29.86 -3.06 0.00	29.56 -2.22 0.00	27.78 -2.16 0.00	28.72 -2.10 0.00	28.59 -2.19 0.00	27.69 -2.25 0.00	27.55 -2.04 0.00	27.66 -2.34 0.00	28.25 -2.90 0.00	36.37 -2.74 0.00	42.06 -4.31 0.00	38.21 -3.87 0.00	35.06 -3.47 0.00	29.07 -2.63 0.00	27.58 -3.41 0.00	27.80 -2.72 0.00	25.40 -2.03 0.00

OH_GEN_PROXY 24063	20.37 -1.46 0.00	18.81 -1.48 0.00	18.01 -1.46 0.00	17.87 -1.45 0.00	18.73 -1.52 0.00	20.62 -1.29 0.00	27.90 -1.50 0.00	30.42 -2.50 0.00	30.04 -1.75 0.00	28.26 -1.68 0.00	29.18 -1.63 0.00	29.06 -1.72 0.00	28.32 -1.62 0.00	27.97 -1.63 0.00	28.11 -1.89 0.00	30.69 -2.09 -1.62	35.34 -2.15 1.62	42.80 -3.57 0.00	38.88 -3.20 0.00	33.20 -2.81 2.52	32.37 -1.84 -2.52	28.76 -2.23 0.00	28.10 -2.41 0.00	25.68 -1.76 0.00
OLIN_CORP_DRP 24177	20.19 -1.64 0.00	18.67 -1.62 0.00	17.89 -1.58 0.00	17.73 -1.58 0.00	18.59 -1.66 0.00	20.10 -1.82 0.00	27.55 -1.85 0.00	30.09 -2.83 0.00	29.75 -2.03 0.00	27.99 -1.95 0.00	28.90 -1.91 0.00	28.81 -1.97 0.00	27.87 -2.07 0.00	27.73 -1.86 0.00	27.87 -2.13 0.00	28.47 -2.68 0.00	36.65 -2.46 0.00	42.43 -3.94 0.00	38.54 -3.53 0.00	35.36 -3.16 0.00	29.29 -2.41 0.00	27.80 -3.19 0.00	27.98 -2.53 0.00	25.57 -1.87 0.00
OLIN_CORP_DSASP 323712	20.04 -1.79 0.00	18.50 -1.79 0.00	17.74 -1.73 0.00	17.58 -1.74 0.00	18.43 -1.82 0.00	20.36 -1.56 0.00	27.49 -1.91 0.00	29.90 -3.03 0.00	29.56 -2.23 0.00	27.78 -2.16 0.00	28.71 -2.10 0.00	28.60 -2.18 0.00	27.90 -2.04 0.00	27.55 -2.04 0.00	27.66 -2.34 0.00	28.57 -2.59 0.00	36.37 -2.74 0.00	42.06 -4.31 0.00	38.21 -3.87 0.00	35.06 -3.47 0.00	29.35 -2.35 0.00	28.29 -2.70 0.00	27.61 -2.90 0.00	25.29 -2.14 0.00
ONEIDA_HERK_LFGE 323681	22.01 0.17 0.00	20.47 0.18 0.00	19.61 0.14 0.00	19.47 0.15 0.00	20.43 0.18 0.00	22.22 0.31 0.00	29.81 0.41 0.00	33.42 0.49 0.00	32.26 0.48 0.00	30.42 0.48 0.00	31.33 0.52 0.00	31.24 0.46 0.00	30.38 0.45 0.00	30.10 0.50 0.00	30.66 0.66 0.00	31.96 0.81 0.00	40.44 1.33 0.00	48.09 1.72 0.00	43.55 1.47 0.00	39.83 1.31 0.00	32.71 1.01 0.00	31.82 0.84 0.00	31.30 0.79 0.00	28.01 0.58 0.00
ONEIDA___115KV_TB4 55905	22.36 0.52 0.00	20.78 0.49 0.00	19.90 0.43 0.00	19.76 0.44 0.00	20.74 0.49 0.00	22.55 0.64 0.00	30.34 0.94 0.00	34.01 1.09 0.00	32.83 1.05 0.00	30.96 1.02 0.00	31.89 1.08 0.00	31.80 1.02 0.00	30.92 0.99 0.00	30.63 1.04 0.00	31.11 1.11 0.00	32.37 1.21 0.00	40.91 1.80 0.00	48.60 2.23 0.00	43.97 1.89 0.00	40.22 1.69 0.00	32.93 1.24 0.00	32.01 1.02 0.00	31.52 1.01 0.00	28.28 0.85 0.00
ONONDAGA_REF_OCCRA 23987	21.72 -0.11 0.00	20.15 -0.14 0.00	19.31 -0.16 0.00	19.16 -0.15 0.00	20.11 -0.14 0.00	21.78 -0.13 0.00	29.34 -0.06 0.00	32.69 -0.23 0.00	31.66 -0.13 0.00	29.79 -0.15 0.00	30.75 -0.06 0.00	30.69 -0.09 0.00	29.78 -0.15 0.00	29.47 -0.12 0.00	29.82 -0.18 0.00	30.96 -0.19 0.00	39.19 0.08 0.00	46.51 0.14 0.00	42.12 0.04 0.00	38.56 0.04 0.00	31.60 -0.10 0.00	30.71 -0.28 0.00	30.24 -0.27 0.00	27.21 -0.22 0.00
ONONDAGA___COGEN 23986	21.74 -0.09 0.00	20.15 -0.14 0.00	19.31 -0.16 0.00	19.18 -0.14 0.00	20.11 -0.14 0.00	21.80 -0.11 0.00	29.34 -0.06 0.00	32.69 -0.23 0.00	31.62 -0.16 0.00	29.79 -0.15 0.00	30.78 -0.03 0.00	30.69 -0.09 0.00	29.81 -0.12 0.00	29.50 -0.09 0.00	29.82 -0.18 0.00	30.96 -0.19 0.00	39.19 0.08 0.00	46.51 0.14 0.00	42.08 0.00 0.00	38.52 0.00 0.00	31.60 -0.10 0.00	30.71 -0.28 0.00	30.24 -0.27 0.00	27.24 -0.19 0.00
ONTARIO___LFGE 23819	21.79 -0.04 0.00	20.15 -0.14 0.00	19.29 -0.18 0.00	19.14 -0.17 0.00	20.11 -0.14 0.00	21.96 0.04 0.00	29.78 0.38 0.00	33.09 0.17 0.00	32.23 0.44 0.00	30.30 0.36 0.00	31.33 0.52 0.00	31.21 0.43 0.00	30.29 0.36 0.00	29.98 0.38 0.00	30.27 0.27 0.00	31.43 0.28 0.00	39.73 0.62 0.00	47.02 0.65 0.00	42.59 0.51 0.00	39.02 0.50 0.00	32.36 0.67 0.00	31.21 0.22 0.00	30.54 0.03 0.00	27.51 0.08 0.00
ORANGEVILLE_WT_PWR 323706	20.81 -1.03 0.00	19.17 -1.12 0.00	18.34 -1.13 0.00	18.20 -1.12 0.00	19.10 -1.15 0.00	20.95 -0.96 0.00	28.43 -0.97 0.00	31.21 -1.71 0.00	30.70 -1.08 0.00	28.92 -1.02 0.00	29.89 -0.92 0.00	29.79 -0.99 0.00	29.04 -0.90 0.00	28.71 -0.89 0.00	28.98 -1.02 0.00	29.97 -1.18 0.00	38.25 -0.86 0.00	44.79 -1.58 0.00	40.61 -1.47 0.00	37.33 -1.19 0.00	31.09 -0.60 0.00	29.93 -1.05 0.00	29.26 -1.25 0.00	26.61 -0.82 0.00
ORANGEVILLE___ESR 323794	20.81 -1.03 0.00	19.17 -1.12 0.00	18.34 -1.13 0.00	18.20 -1.12 0.00	19.10 -1.15 0.00	20.95 -0.96 0.00	28.43 -0.97 0.00	31.21 -1.71 0.00	30.70 -1.08 0.00	28.92 -1.02 0.00	29.89 -0.92 0.00	29.79 -0.99 0.00	29.04 -0.90 0.00	28.71 -0.89 0.00	28.98 -1.02 0.00	29.97 -1.18 0.00	38.25 -0.86 0.00	44.79 -1.58 0.00	40.61 -1.47 0.00	37.33 -1.19 0.00	31.09 -0.60 0.00	29.93 -1.05 0.00	29.26 -1.25 0.00	26.61 -0.82 0.00
OSWEGATCHIE___HYD 24044	21.24 -0.59 0.00	19.78 -0.51 0.00	18.96 -0.51 0.00	18.85 -0.46 0.00	19.77 -0.49 0.00	21.39 -0.53 0.00	28.58 -0.82 0.00	31.87 -1.05 0.00	30.70 -1.08 0.00	28.98 -0.96 0.00	29.89 -0.92 0.00	29.92 -0.86 0.00	29.04 -0.90 0.00	28.80 -0.80 0.00	29.34 -0.66 0.00	30.49 -0.66 0.00	38.17 -0.94 0.00	45.31 -1.06 0.00	41.24 -0.84 0.00	37.83 -0.69 0.00	31.09 -0.60 0.00	30.46 -0.53 0.00	30.05 -0.46 0.00	26.94 -0.49 0.00
OSWEGO___5 23606	21.35 -0.48 0.00	19.80 -0.49 0.00	18.98 -0.49 0.00	18.85 -0.46 0.00	19.77 -0.49 0.00	21.45 -0.46 0.00	28.78 -0.62 0.00	32.07 -0.86 0.00	30.99 -0.79 0.00	29.19 -0.75 0.00	30.13 -0.68 0.00	30.07 -0.71 0.00	29.22 -0.72 0.00	28.88 -0.71 0.00	29.22 -0.78 0.00	30.37 -0.78 0.00	38.29 -0.82 0.00	45.39 -0.98 0.00	41.15 -0.93 0.00	37.68 -0.85 0.00	31.00 -0.70 0.00	30.15 -0.84 0.00	29.63 -0.89 0.00	26.63 -0.80 0.00
OSWEGO___6 23613	21.35 -0.48 0.00	19.80 -0.49 0.00	18.98 -0.49 0.00	18.85 -0.46 0.00	19.77 -0.49 0.00	21.45 -0.46 0.00	28.78 -0.62 0.00	32.07 -0.86 0.00	30.99 -0.79 0.00	29.19 -0.75 0.00	30.13 -0.68 0.00	30.07 -0.71 0.00	29.22 -0.72 0.00	28.88 -0.71 0.00	29.22 -0.78 0.00	30.37 -0.78 0.00	38.29 -0.82 0.00	45.39 -0.98 0.00	41.15 -0.93 0.00	37.68 -0.85 0.00	31.00 -0.70 0.00	30.15 -0.84 0.00	29.63 -0.89 0.00	26.63 -0.80 0.00
OUTOKUMPU-AB___DRP 24206	20.65 -1.18 0.00	19.05 -1.24 0.00	18.24 -1.23 0.00	18.08 -1.24 0.00	18.98 -1.28 0.00	20.60 -1.31 0.00	28.22 -1.18 0.00	30.92 -2.01 0.00	30.54 -1.24 0.00	28.74 -1.20 0.00	29.70 -1.11 0.00	29.58 -1.20 0.00	28.65 -1.29 0.00	28.50 -1.09 0.00	28.62 -1.38 0.00	29.22 -1.93 0.00	37.70 -1.41 0.00	43.73 -2.64 0.00	39.68 -2.40 0.00	36.44 -2.08 0.00	30.14 -1.55 0.00	28.60 -2.39 0.00	28.74 -1.77 0.00	26.20 -1.23 0.00
OXBOW___BTM 323836	20.39 -1.44 0.00	18.83 -1.46 0.00	18.03 -1.44 0.00	17.87 -1.45 0.00	18.73 -1.52 0.00	20.36 -1.56 0.00	27.87 -1.53 0.00	30.49 -2.44 0.00	30.13 -1.65 0.00	28.35 -1.59 0.00	29.30 -1.51 0.00	29.18 -1.60 0.00	28.26 -1.68 0.00	28.11 -1.48 0.00	28.23 -1.77 0.00	28.81 -2.34 0.00	37.16 -1.96 0.00	43.03 -3.34 0.00	39.05 -3.03 0.00	35.86 -2.66 0.00	29.70 -2.00 0.00	28.17 -2.82 0.00	28.34 -2.17 0.00	25.87 -1.56 0.00

OXBOW____ 24026	20.39 -1.44 0.00	18.83 -1.46 0.00	18.03 -1.44 0.00	17.87 -1.45 0.00	18.75 -1.50 0.00	20.71 -1.21 0.00	27.99 -1.41 0.00	30.49 -2.44 0.00	30.13 -1.65 0.00	28.35 -1.59 0.00	29.30 -1.51 0.00	29.18 -1.60 0.00	28.47 -1.47 0.00	28.11 -1.48 0.00	28.23 -1.77 0.00	29.13 -2.02 0.00	37.16 -1.95 0.00	43.03 -3.34 0.00	39.05 -3.03 0.00	35.87 -2.66 0.00	29.99 -1.71 0.00	28.88 -2.11 0.00	28.16 -2.35 0.00	25.76 -1.67 0.00
OXY_CHEM_DSASP 323612	20.04 -1.79 0.00	18.50 -1.79 0.00	17.74 -1.73 0.00	17.56 -1.76 0.00	18.43 -1.82 0.00	20.03 -1.88 0.00	27.37 -2.03 0.00	29.86 -3.06 0.00	29.56 -2.22 0.00	27.78 -2.16 0.00	28.72 -2.10 0.00	28.59 -2.19 0.00	27.69 -2.25 0.00	27.55 -2.04 0.00	27.66 -2.34 0.00	28.25 -2.90 0.00	36.37 -2.74 0.00	42.06 -4.31 0.00	38.21 -3.87 0.00	35.06 -3.47 0.00	29.07 -2.63 0.00	27.58 -3.41 0.00	27.80 -2.72 0.00	25.40 -2.03 0.00
OZONE_PARK_ESR 323760	23.21 1.38 0.00	21.49 1.20 0.00	20.66 1.19 0.00	20.44 1.12 0.00	21.37 1.11 0.00	23.10 1.18 0.00	31.07 1.68 0.00	35.46 2.54 0.00	34.10 2.32 0.00	32.25 2.31 0.00	32.91 2.10 0.00	32.93 2.15 0.00	32.12 2.19 0.00	31.66 2.07 0.00	32.19 2.19 0.00	33.42 2.27 0.00	42.51 3.40 0.00	50.87 4.50 0.00	45.61 3.53 0.00	41.80 3.27 0.00	33.88 2.19 0.00	33.16 2.17 0.00	32.59 2.07 0.00	29.32 1.89 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	20.04 -1.79 0.00	18.50 -1.79 0.00	17.74 -1.73 0.00	17.56 -1.76 0.00	18.43 -1.82 0.00	20.03 -1.88 0.00	27.37 -2.03 0.00	29.86 -3.06 0.00	29.56 -2.22 0.00	27.78 -2.16 0.00	28.72 -2.10 0.00	28.59 -2.19 0.00	27.69 -2.25 0.00	27.55 -2.04 0.00	27.66 -2.34 0.00	28.25 -2.90 0.00	36.37 -2.74 0.00	42.06 -4.31 0.00	38.21 -3.87 0.00	35.06 -3.47 0.00	29.07 -2.63 0.00	27.58 -3.41 0.00	27.80 -2.72 0.00	25.40 -2.03 0.00
PACKARD__115KV_DUPONT_184 80571	20.04 -1.79 0.00	18.50 -1.79 0.00	17.74 -1.73 0.00	17.56 -1.76 0.00	18.43 -1.82 0.00	20.03 -1.88 0.00	27.37 -2.03 0.00	29.86 -3.06 0.00	29.56 -2.22 0.00	27.78 -2.16 0.00	28.72 -2.10 0.00	28.59 -2.19 0.00	27.69 -2.25 0.00	27.55 -2.04 0.00	27.66 -2.34 0.00	28.25 -2.90 0.00	36.37 -2.74 0.00	42.06 -4.31 0.00	38.21 -3.87 0.00	35.06 -3.47 0.00	29.07 -2.63 0.00	27.58 -3.41 0.00	27.80 -2.72 0.00	25.40 -2.03 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	23.23 1.40 0.00	21.45 1.16 0.00	20.62 1.15 0.00	20.40 1.08 0.00	21.31 1.05 0.00	22.97 1.05 0.00	30.63 1.23 0.00	34.83 1.91 0.00	33.53 1.75 0.00	31.74 1.80 0.00	32.41 1.60 0.00	32.41 1.63 0.00	31.64 1.71 0.00	31.19 1.60 0.00	31.71 1.71 0.00	32.89 1.74 0.00	41.73 2.62 0.00	49.94 3.57 0.00	44.86 2.78 0.00	41.03 2.50 0.00	33.28 1.58 0.00	32.60 1.61 0.00	32.22 1.71 0.00	29.33 1.89 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	23.53 1.70 0.00	21.73 1.44 0.00	20.91 1.44 0.00	20.69 1.37 0.00	21.59 1.34 0.00	23.27 1.36 0.00	31.02 1.62 0.00	35.30 2.37 0.00	33.98 2.19 0.00	32.13 2.19 0.00	32.78 1.97 0.00	32.78 2.00 0.00	32.00 2.07 0.00	31.55 1.95 0.00	32.07 2.07 0.00	33.24 2.09 0.00	42.24 3.13 0.00	50.54 4.17 0.00	45.40 3.32 0.00	41.53 3.00 0.00	33.66 1.97 0.00	32.94 1.95 0.00	32.59 2.07 0.00	29.69 2.25 -0.01
PATROON__115KV_TB1 80586	22.14 0.31 0.00	20.63 0.34 0.00	19.80 0.33 0.00	19.66 0.35 0.00	20.62 0.36 0.00	22.26 0.35 0.00	29.81 0.41 0.00	33.58 0.66 0.00	32.45 0.67 0.00	30.54 0.60 0.00	31.37 0.55 0.00	31.40 0.62 0.00	30.56 0.63 0.00	30.21 0.62 0.00	30.63 0.63 0.00	31.93 0.78 0.00	40.28 1.17 0.00	48.09 1.72 0.00	43.47 1.39 0.00	39.60 1.08 0.00	32.36 0.67 0.00	31.70 0.71 0.00	31.06 0.55 0.00	27.90 0.47 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	21.18 -0.65 0.00	19.54 -0.75 0.00	18.71 -0.76 0.00	18.54 -0.77 0.00	19.46 -0.79 0.00	21.10 -0.81 0.00	28.99 -0.41 0.00	31.84 -1.09 0.00	31.40 -0.38 0.00	29.52 -0.42 0.00	30.47 -0.34 0.00	30.38 -0.40 0.00	29.43 -0.51 0.00	29.21 -0.38 0.00	29.43 -0.57 0.00	30.06 -1.09 0.00	38.80 -0.31 0.00	45.26 -1.11 0.00	40.90 -1.18 0.00	37.64 -0.89 0.00	31.06 -0.63 0.00	29.59 -1.39 0.00	29.63 -0.88 0.00	26.94 -0.49 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	23.05 1.22 0.00	21.39 1.10 0.00	20.52 1.05 0.00	20.34 1.02 0.00	21.27 1.01 0.00	22.99 1.07 0.00	30.87 1.47 0.00	35.13 2.21 0.00	33.85 2.07 0.00	31.95 2.01 0.00	32.69 1.88 0.00	32.69 1.91 0.00	31.82 1.89 0.00	31.37 1.78 0.00	31.89 1.89 0.00	33.24 2.09 0.00	42.20 3.09 0.00	50.68 4.31 0.00	45.57 3.49 0.00	41.60 3.08 0.00	33.79 2.09 0.00	33.00 2.01 0.00	32.28 1.77 0.00	28.99 1.56 0.00
PEEKSKILL____ 23653	22.84 1.00 0.00	21.18 0.89 0.00	20.35 0.88 0.00	20.15 0.83 0.00	21.08 0.83 0.00	22.73 0.81 0.00	30.60 1.21 0.00	34.83 1.91 0.00	33.53 1.75 0.00	31.65 1.71 0.00	32.35 1.54 0.00	32.38 1.60 0.00	31.49 1.56 0.00	31.10 1.51 0.00	31.62 1.62 0.00	32.80 1.65 0.00	41.73 2.62 0.00	49.99 3.62 0.00	44.86 2.78 0.00	41.06 2.54 0.00	33.57 1.87 0.00	32.47 1.49 0.00	32.10 1.59 0.00	28.83 1.40 0.00
PGE MADISON__WINDPWR 24146	23.62 1.79 0.00	21.97 1.68 0.00	20.95 1.48 0.00	20.82 1.51 0.00	21.87 1.62 0.00	23.93 2.01 0.00	32.31 2.91 0.00	36.18 3.26 0.00	34.90 3.12 0.00	32.75 2.81 0.00	33.68 2.87 0.00	33.39 2.61 0.00	32.54 2.60 0.00	32.26 2.66 0.00	32.82 2.82 0.00	34.39 3.24 0.00	43.84 4.73 0.00	52.35 5.98 0.00	47.38 5.30 0.00	43.45 4.93 0.00	35.66 3.96 0.00	34.40 3.41 0.00	33.74 3.23 0.00	30.17 2.74 0.00
PIERCEFIELD__HYD 23852	21.53 -0.31 0.00	20.07 -0.22 0.00	19.26 -0.21 0.00	19.14 -0.17 0.00	20.03 -0.22 0.00	21.61 -0.31 0.00	28.75 -0.65 0.00	31.94 -0.99 0.00	30.73 -1.05 0.00	29.07 -0.87 0.00	29.95 -0.86 0.00	30.07 -0.71 0.00	29.19 -0.75 0.00	28.91 -0.68 0.00	29.40 -0.60 0.00	30.40 -0.75 0.00	37.47 -1.64 0.00	44.24 -2.13 0.00	40.44 -1.64 0.00	37.21 -1.31 0.00	30.94 -0.76 0.00	30.34 -0.65 0.00	30.02 -0.49 0.00	26.86 -0.58 0.00
PINELAWN_CC_1 323563	25.22 1.88 -1.51	23.61 1.72 -1.60	23.57 1.69 -2.41	23.83 1.64 -2.88	25.01 1.66 -3.10	27.27 1.69 -3.67	37.67 2.38 -5.89	41.30 3.16 -5.21	38.95 2.99 -4.18	32.79 2.85 0.00	33.46 2.65 0.00	33.55 2.77 0.00	37.59 2.72 -4.93	37.60 2.69 -5.31	39.03 2.79 -6.24	40.66 2.80 -6.70	51.33 4.14 -8.07	66.48 5.38 -14.74	57.05 4.34 -10.64	53.20 3.97 -10.71	44.20 3.01 -9.49	41.44 2.54 -7.91	37.30 2.78 -4.01	32.45 2.50 -2.52
PJM_GEN_HTP_PROXY 323702	22.99 1.16 0.00	21.30 1.01 0.00	20.48 1.01 0.00	20.26 0.95 0.00	21.20 0.95 0.00	22.81 0.90 0.00	30.75 1.35 0.00	35.13 2.21 0.00	33.75 1.97 0.00	31.88 1.94 0.00	32.57 1.76 0.00	32.60 1.82 0.00	31.73 1.80 0.00	31.34 1.75 0.00	31.86 1.86 0.00	34.61 1.84 -1.62	40.42 2.93 1.62	50.27 3.90 0.00	45.07 2.99 0.00	38.78 2.78 2.52	36.24 2.03 -2.52	32.63 1.64 0.00	32.34 1.83 0.00	29.05 1.62 0.00

PJM_GEN_KEystone 24065	21.90 0.07 0.00	20.29 0.00 0.00	19.45 -0.02 0.00	19.26 -0.06 0.00	20.19 -0.06 0.00	21.91 0.00 0.00	29.61 0.21 0.00	33.16 0.23 0.00	32.20 0.41 0.00	30.33 0.39 0.00	31.12 0.31 0.00	31.06 0.28 0.00	30.20 0.27 0.00	29.83 0.24 0.00	30.21 0.21 0.00	32.90 0.13 -1.62	38.23 0.74 1.62	47.21 0.84 0.00	42.50 0.42 0.00	36.47 0.46 2.52	34.66 0.44 -2.52	31.05 0.06 0.00	30.60 0.09 0.00	27.65 0.22 0.00
PJM_GEN_NEPTUNE_PROXY 323594	24.71 1.38 -1.51	23.03 1.24 -1.50	23.00 1.21 -2.32	23.24 1.14 -2.79	24.44 1.17 -3.01	26.76 1.18 -3.67	36.96 1.67 -5.89	40.61 2.47 -5.21	38.25 2.29 -4.18	32.16 2.22 0.00	32.84 2.03 0.00	32.87 2.09 0.00	36.96 2.09 -4.93	36.94 2.04 -5.31	38.40 2.16 -6.24	41.65 2.18 -8.32	48.89 4.36 -6.45	65.46 4.36 -14.74	56.21 3.49 -10.64	49.92 3.20 -8.20	46.08 2.38 -12.01	40.88 1.98 -7.91	36.63 2.10 -4.01	31.84 1.89 -2.52
PJM_GEN_VFT_PROXY 323633	22.90 1.07 0.00	21.22 0.93 0.00	20.40 0.93 0.00	20.19 0.87 0.00	21.10 0.85 0.00	22.73 0.81 0.00	30.63 1.23 0.00	35.00 2.08 0.00	33.66 1.87 0.00	31.80 1.86 0.00	32.47 1.66 0.00	32.47 1.69 0.00	31.61 1.68 0.00	31.22 1.63 0.00	31.77 1.77 0.00	34.52 1.74 -1.62	40.27 2.78 1.62	50.12 3.75 0.00	44.90 2.82 0.00	38.66 2.66 2.52	36.15 1.93 -2.52	32.51 1.52 0.00	32.25 1.74 0.00	28.99 1.56 0.00
PLATSBRG_115KV_PMLD1 355749	22.07 0.24 0.00	20.74 0.45 0.00	20.00 0.53 0.00	19.90 0.58 0.00	20.68 0.43 0.00	22.40 0.48 0.00	29.52 0.12 0.00	32.76 -0.16 0.00	31.34 -0.44 0.00	29.13 -0.81 0.00	29.98 -0.83 0.00	29.86 -0.92 0.00	28.92 -1.02 0.00	28.56 -1.04 0.00	29.04 -0.96 0.00	30.28 -0.87 0.00	37.62 -1.49 0.00	43.77 -2.60 0.00	40.19 -1.89 0.00	37.83 -0.69 0.00	31.63 -0.06 0.00	31.20 0.22 0.00	30.76 0.24 0.00	27.40 -0.03 0.00
PLEASANTVLY___LBMP 24000	22.73 0.90 0.00	21.10 0.81 0.00	20.27 0.80 0.00	20.07 0.75 0.00	21.02 0.77 0.00	22.72 0.81 0.00	30.49 1.09 0.00	34.60 1.68 0.00	33.31 1.53 0.00	31.44 1.50 0.00	32.17 1.36 0.00	32.16 1.39 0.00	31.37 1.44 0.00	30.92 1.33 0.00	31.44 1.44 0.00	32.71 1.56 0.00	41.46 2.35 0.00	49.57 3.20 0.00	44.60 2.52 0.00	40.80 2.27 0.00	33.19 1.49 0.00	32.44 1.46 0.00	31.85 1.34 0.00	28.61 1.18 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	22.90 1.07 0.00	21.24 0.95 0.00	20.40 0.93 0.00	20.21 0.89 0.00	21.16 0.91 0.00	22.88 0.96 0.00	30.72 1.32 0.00	34.97 2.04 0.00	33.66 1.88 0.00	31.77 1.83 0.00	32.51 1.69 0.00	32.50 1.72 0.00	31.70 1.77 0.00	31.25 1.66 0.00	31.74 1.74 0.00	33.02 1.87 0.00	41.93 2.82 0.00	50.17 3.80 0.00	45.07 2.99 0.00	41.22 2.70 0.00	33.47 1.78 0.00	32.72 1.74 0.00	32.13 1.62 0.00	28.89 1.45 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	22.90 1.07 0.00	21.24 0.95 0.00	20.40 0.93 0.00	20.21 0.89 0.00	21.16 0.91 0.00	22.88 0.96 0.00	30.72 1.32 0.00	34.97 2.04 0.00	33.66 1.88 0.00	31.77 1.83 0.00	32.51 1.69 0.00	32.50 1.72 0.00	31.70 1.77 0.00	31.25 1.66 0.00	31.74 1.74 0.00	33.02 1.87 0.00	41.93 2.82 0.00	50.17 3.80 0.00	45.07 2.99 0.00	41.22 2.70 0.00	33.47 1.78 0.00	32.72 1.74 0.00	32.13 1.62 0.00	28.89 1.45 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	22.88 1.05 0.00	21.22 0.93 0.00	20.38 0.92 0.00	20.19 0.87 0.00	21.14 0.89 0.00	22.86 0.94 0.00	30.69 1.29 0.00	34.74 1.81 0.00	33.44 1.65 0.00	31.59 1.65 0.00	32.29 1.48 0.00	32.29 1.51 0.00	31.46 1.53 0.00	31.01 1.42 0.00	31.56 1.56 0.00	32.83 1.68 0.00	41.69 2.58 0.00	49.89 3.52 0.00	44.94 2.86 0.00	41.07 2.54 0.00	33.41 1.71 0.00	32.66 1.67 0.00	32.01 1.50 0.00	28.78 1.34 0.00
POLETTI_____ 23519	22.99 1.16 0.00	21.32 1.03 0.00	20.48 1.01 0.00	20.28 0.97 0.00	21.20 0.95 0.00	22.88 0.96 0.00	30.72 1.32 0.00	35.06 2.14 0.00	33.69 1.91 0.00	31.86 1.92 0.00	32.54 1.73 0.00	32.53 1.75 0.00	31.76 1.83 0.00	31.31 1.72 0.00	31.83 1.83 0.00	33.05 1.90 0.00	41.97 2.86 0.00	50.17 3.80 0.00	44.98 2.90 0.00	41.26 2.74 0.00	33.47 1.78 0.00	32.78 1.80 0.00	32.25 1.74 0.00	29.05 1.62 0.00
POMONA___ESR 323819	22.84 1.00 0.00	21.18 0.89 0.00	20.35 0.88 0.00	20.13 0.81 0.00	21.08 0.83 0.00	22.73 0.81 0.00	30.60 1.21 0.00	34.80 1.88 0.00	33.50 1.72 0.00	31.62 1.68 0.00	32.32 1.51 0.00	32.32 1.54 0.00	31.46 1.53 0.00	31.04 1.45 0.00	31.56 1.56 0.00	32.74 1.59 0.00	41.65 2.54 0.00	49.89 3.52 0.00	44.77 2.70 0.00	40.99 2.47 0.00	33.53 1.84 0.00	32.44 1.46 0.00	32.07 1.56 0.00	28.83 1.40 0.00
PORT_JEFF_3 23555	25.37 2.03 -1.51	23.76 1.87 -1.60	23.68 1.79 -2.42	23.96 1.76 -2.89	25.14 1.78 -3.11	27.40 1.82 -3.67	37.73 2.44 -5.89	41.46 3.32 -5.21	38.92 2.96 -4.18	32.72 2.78 0.00	33.40 2.59 0.00	33.46 2.68 0.00	37.62 2.75 -4.93	37.60 2.69 -5.31	39.09 2.85 -6.24	40.69 2.83 -6.70	51.41 4.23 -8.07	66.44 5.33 -14.74	57.01 4.29 -10.64	53.28 4.04 -10.71	44.23 3.04 -9.49	41.50 2.60 -7.91	37.27 2.75 -4.01	32.47 2.52 -2.52
PORT_JEFF_4 23616	25.37 2.03 -1.51	23.76 1.87 -1.60	23.68 1.79 -2.42	23.96 1.76 -2.89	25.14 1.78 -3.11	27.40 1.82 -3.67	37.73 2.44 -5.89	41.46 3.32 -5.21	38.92 2.96 -4.18	32.72 2.78 0.00	33.40 2.59 0.00	33.46 2.68 0.00	37.62 2.75 -4.93	37.60 2.69 -5.31	39.09 2.85 -6.24	40.69 2.83 -6.70	51.41 4.23 -8.07	66.44 5.33 -14.74	57.01 4.29 -10.64	53.28 4.04 -10.71	44.23 3.04 -9.49	41.50 2.60 -7.91	37.27 2.75 -4.01	32.47 2.52 -2.52
PORT_JEFF_IC 23713	25.37 2.03 -1.51	23.78 1.89 -1.60	23.70 1.81 -2.42	23.98 1.78 -2.88	25.16 1.80 -3.11	27.42 1.84 -3.67	37.76 2.47 -5.89	41.46 3.32 -5.21	38.88 2.92 -4.18	32.69 2.75 0.00	33.37 2.56 0.00	33.43 2.65 0.00	37.65 2.78 -4.93	37.62 2.72 -5.31	39.09 2.85 -6.24	40.71 2.86 -6.70	51.45 4.26 -8.07	66.39 5.28 -14.74	56.96 4.25 -10.64	53.32 4.08 -10.71	44.26 3.07 -9.49	41.53 2.63 -7.91	37.30 2.78 -4.01	32.50 2.55 -2.52
PPL PILGRIM_ST_GT1 24216	25.43 2.10 -1.51	23.77 1.89 -1.60	23.71 1.83 -2.41	23.93 1.74 -2.88	25.20 1.84 -3.10	27.51 1.93 -3.67	37.99 2.70 -5.89	41.59 3.46 -5.21	39.17 3.21 -4.18	32.96 3.02 0.00	33.64 2.83 0.00	33.83 3.05 0.00	37.86 2.99 -4.93	37.86 2.96 -5.31	39.36 3.12 -6.24	41.03 3.18 -6.70	51.92 4.73 -8.07	67.13 6.03 -14.74	57.64 4.92 -10.64	53.74 4.51 -10.71	44.61 3.42 -9.49	41.84 2.95 -7.91	37.57 3.05 -4.01	32.72 2.77 -2.52
PPL PILGRIM_ST_GT2 24217	25.43 2.10 -1.51	23.77 1.89 -1.60	23.71 1.83 -2.41	23.93 1.74 -2.88	25.20 1.84 -3.10	27.51 1.93 -3.67	37.99 2.70 -5.89	41.59 3.46 -5.21	39.17 3.21 -4.18	32.96 3.02 0.00	33.64 2.83 0.00	33.83 3.05 0.00	37.86 2.99 -4.93	37.86 2.96 -5.31	39.36 3.12 -6.24	41.03 3.18 -6.70	51.92 4.73 -8.07	67.13 6.03 -14.74	57.64 4.92 -10.64	53.74 4.51 -10.71	44.61 3.42 -9.49	41.84 2.95 -7.91	37.57 3.05 -4.01	32.72 2.77 -2.52

PPL_SHRM_GT3 24213	25.39 2.05 -1.51	23.80 1.91 -1.60	23.70 1.81 -2.42	23.98 1.78 -2.88	25.18 1.82 -3.11	27.44 1.86 -3.67	37.61 2.32 -5.89	41.40 3.26 -5.21	38.85 2.89 -4.18	32.64 2.70 0.00	33.28 2.47 0.00	33.27 2.49 0.00	37.38 2.51 -4.93	37.36 2.45 -5.31	38.88 2.64 -6.24	40.47 2.62 -6.70	51.06 3.87 -8.07	66.16 5.06 -14.74	56.76 4.04 -10.64	52.97 3.74 -10.71	43.98 2.79 -9.49	41.25 2.35 -7.91	37.03 2.50 -4.01	32.31 2.36 -2.52
PPL_SHRM_GT4 24214	25.39 2.05 -1.51	23.80 1.91 -1.60	23.70 1.81 -2.42	23.98 1.78 -2.88	25.18 1.82 -3.11	27.44 1.86 -3.67	37.61 2.32 -5.89	41.40 3.26 -5.21	38.85 2.89 -4.18	32.64 2.70 0.00	33.28 2.47 0.00	33.27 2.49 0.00	37.38 2.51 -4.93	37.36 2.45 -5.31	38.88 2.64 -6.24	40.47 2.62 -6.70	51.06 3.87 -8.07	66.16 5.06 -14.74	56.76 4.04 -10.64	52.97 3.74 -10.71	43.98 2.79 -9.49	41.25 2.35 -7.91	37.03 2.50 -4.01	32.31 2.36 -2.52
PROJECT___ORANGE 1 24174	21.61 -0.22 0.00	20.05 -0.24 0.00	19.22 -0.25 0.00	19.07 -0.25 0.00	20.01 -0.24 0.00	21.67 -0.24 0.00	29.16 -0.24 0.00	32.50 -0.43 0.00	31.43 -0.35 0.00	29.61 -0.33 0.00	30.60 -0.22 0.00	30.50 -0.28 0.00	29.63 -0.30 0.00	29.33 -0.27 0.00	29.64 -0.36 0.00	30.78 -0.37 0.00	38.92 -0.20 0.00	46.18 -0.19 0.00	41.83 -0.25 0.00	38.25 -0.27 0.00	31.38 -0.32 0.00	30.46 -0.53 0.00	30.02 -0.49 0.00	27.05 -0.38 0.00
PROJECT___ORANGE 2 24166	21.61 -0.22 0.00	20.05 -0.24 0.00	19.22 -0.25 0.00	19.07 -0.25 0.00	20.01 -0.24 0.00	21.67 -0.24 0.00	29.16 -0.24 0.00	32.50 -0.43 0.00	31.43 -0.35 0.00	29.61 -0.33 0.00	30.60 -0.22 0.00	30.50 -0.28 0.00	29.63 -0.30 0.00	29.33 -0.27 0.00	29.64 -0.36 0.00	30.78 -0.37 0.00	38.92 -0.20 0.00	46.18 -0.19 0.00	41.83 -0.25 0.00	38.25 -0.27 0.00	31.38 -0.32 0.00	30.46 -0.53 0.00	30.02 -0.49 0.00	27.05 -0.38 0.00
PUCKETT___SOLAR 323809	22.38 0.55 0.00	20.76 0.47 0.00	19.88 0.41 0.00	19.72 0.41 0.00	20.70 0.45 0.00	22.53 0.61 0.00	30.43 1.03 0.00	34.08 1.15 0.00	32.99 1.21 0.00	31.02 1.08 0.00	31.92 1.11 0.00	31.79 1.01 0.00	30.92 0.99 0.00	30.57 0.98 0.00	30.99 0.99 0.00	32.27 1.12 0.00	40.99 1.88 0.00	48.73 2.36 0.00	44.06 1.98 0.00	40.33 1.81 0.00	33.19 1.49 0.00	32.10 1.11 0.00	31.55 1.04 0.00	28.34 0.90 0.00
PYRITES___HYD 24023	21.94 0.11 0.00	20.45 0.16 0.00	19.63 0.16 0.00	19.53 0.21 0.00	20.46 0.20 0.00	22.11 0.20 0.00	29.52 0.12 0.00	32.86 -0.07 0.00	31.69 -0.10 0.00	29.97 0.03 0.00	30.93 0.12 0.00	30.96 0.18 0.00	30.05 0.12 0.00	29.77 0.18 0.00	30.27 0.27 0.00	31.31 0.16 0.00	38.60 -0.51 0.00	45.58 -0.79 0.00	41.70 -0.38 0.00	38.29 -0.23 0.00	31.82 0.13 0.00	31.17 0.19 0.00	30.79 0.27 0.00	27.51 0.08 0.00
QUAKERRD_115KV_BK1 80622	20.78 -1.05 0.00	19.21 -1.08 0.00	18.40 -1.07 0.00	18.27 -1.04 0.00	19.18 -1.07 0.00	20.82 -1.10 0.00	28.28 -1.12 0.00	31.31 -1.61 0.00	30.58 -1.21 0.00	28.83 -1.11 0.00	29.79 -1.02 0.00	29.70 -1.08 0.00	28.80 -1.14 0.00	28.53 -1.07 0.00	28.77 -1.23 0.00	29.75 -1.40 0.00	37.86 -1.25 0.00	44.42 -1.95 0.00	40.31 -1.77 0.00	36.98 -1.54 0.00	30.40 -1.30 0.00	29.19 -1.80 0.00	28.99 -1.53 0.00	26.17 -1.26 0.00
QUENSBRY_115KV_TB8 356137	22.66 0.83 0.00	21.04 0.75 0.00	20.17 0.70 0.00	20.01 0.70 0.00	21.06 0.81 0.00	22.86 0.94 0.00	30.81 1.41 0.00	34.74 1.81 0.00	33.69 1.91 0.00	31.59 1.65 0.00	32.51 1.69 0.00	32.50 1.72 0.00	31.58 1.65 0.00	31.25 1.66 0.00	31.71 1.71 0.00	33.08 1.93 0.00	41.85 2.74 0.00	50.03 3.66 0.00	45.19 3.11 0.00	41.10 2.58 0.00	33.60 1.90 0.00	32.75 1.77 0.00	32.01 1.50 0.00	28.67 1.23 0.00
RAMAPO___LBMP 323565	22.77 0.94 0.00	21.12 0.83 0.00	20.29 0.82 0.00	20.07 0.75 0.00	21.02 0.77 0.00	22.72 0.81 0.00	30.52 1.12 0.00	34.70 1.78 0.00	33.40 1.62 0.00	31.50 1.56 0.00	32.23 1.42 0.00	32.23 1.45 0.00	31.40 1.47 0.00	30.95 1.36 0.00	31.44 1.44 0.00	32.71 1.56 0.00	41.50 2.39 0.00	49.71 3.34 0.00	44.60 2.52 0.00	40.83 2.31 0.00	33.22 1.52 0.00	32.48 1.49 0.00	31.88 1.37 0.00	28.67 1.23 0.00
RANKINE____ 23646	20.91 -0.92 0.00	19.30 -0.99 0.00	18.48 -0.99 0.00	18.29 -1.02 0.00	19.20 -1.05 0.00	20.82 -1.10 0.00	28.58 -0.82 0.00	31.34 -1.58 0.00	30.96 -0.83 0.00	29.10 -0.84 0.00	30.07 -0.74 0.00	29.95 -0.83 0.00	29.04 -0.90 0.00	28.85 -0.74 0.00	29.04 -0.96 0.00	29.69 -1.46 0.00	38.25 -0.86 0.00	44.56 -1.81 0.00	40.35 -1.73 0.00	37.06 -1.46 0.00	30.65 -1.05 0.00	29.13 -1.86 0.00	29.23 -1.28 0.00	26.61 -0.82 0.00
RAVENSWOOD_GT2_1 24244	23.01 1.18 0.00	21.32 1.03 0.00	20.50 1.03 0.00	20.28 0.97 0.00	21.22 0.97 0.00	22.92 1.01 0.00	30.78 1.38 0.00	35.10 2.17 0.00	33.75 1.97 0.00	31.92 1.98 0.00	32.60 1.79 0.00	32.60 1.82 0.00	31.79 1.86 0.00	31.34 1.75 0.00	31.89 1.89 0.00	33.11 1.96 0.00	42.04 2.93 0.00	50.27 3.90 0.00	45.11 3.03 0.00	41.33 2.81 0.00	33.54 1.84 0.00	32.82 1.83 0.00	32.25 1.74 0.00	29.05 1.62 0.00
RAVENSWOOD_GT2_2 24245	23.01 1.18 0.00	21.32 1.03 0.00	20.50 1.03 0.00	20.28 0.97 0.00	21.22 0.97 0.00	22.92 1.01 0.00	30.78 1.38 0.00	35.10 2.17 0.00	33.75 1.97 0.00	31.92 1.98 0.00	32.60 1.79 0.00	32.60 1.82 0.00	31.79 1.86 0.00	31.34 1.75 0.00	31.89 1.89 0.00	33.11 1.96 0.00	42.04 2.93 0.00	50.27 3.90 0.00	45.11 3.03 0.00	41.33 2.81 0.00	33.54 1.84 0.00	32.82 1.83 0.00	32.25 1.74 0.00	29.05 1.62 0.00
RAVENSWOOD_GT2_3 24246	23.01 1.18 0.00	21.32 1.03 0.00	20.50 1.03 0.00	20.28 0.97 0.00	21.22 0.97 0.00	22.92 1.01 0.00	30.78 1.38 0.00	35.10 2.17 0.00	33.79 2.00 0.00	31.92 1.98 0.00	32.60 1.79 0.00	32.60 1.82 0.00	31.82 1.89 0.00	31.37 1.78 0.00	31.89 1.89 0.00	33.11 1.96 0.00	42.08 2.97 0.00	50.31 3.94 0.00	45.11 3.03 0.00	41.33 2.81 0.00	33.54 1.84 0.00	32.82 1.83 0.00	32.28 1.77 0.00	29.08 1.65 0.00
RAVENSWOOD_GT2_4 24247	23.01 1.18 0.00	21.32 1.03 0.00	20.50 1.03 0.00	20.28 0.97 0.00	21.22 0.97 0.00	22.92 1.01 0.00	30.78 1.38 0.00	35.10 2.17 0.00	33.79 2.00 0.00	31.92 1.98 0.00	32.60 1.79 0.00	32.60 1.82 0.00	31.82 1.89 0.00	31.37 1.78 0.00	31.89 1.89 0.00	33.11 1.96 0.00	42.08 2.97 0.00	50.31 3.94 0.00	45.11 3.03 0.00	41.33 2.81 0.00	33.54 1.84 0.00	32.82 1.83 0.00	32.28 1.77 0.00	29.08 1.65 0.00
RAVENSWOOD_GT3_1 24248	23.01 1.18 0.00	21.32 1.03 0.00	20.50 1.03 0.00	20.28 0.97 0.00	21.22 0.97 0.00	22.92 1.01 0.00	30.78 1.38 0.00	35.10 2.17 0.00	33.75 1.97 0.00	31.92 1.98 0.00	32.60 1.79 0.00	32.60 1.82 0.00	31.82 1.89 0.00	31.34 1.75 0.00	31.89 1.89 0.00	33.11 1.96 0.00	42.04 2.93 0.00	50.27 3.90 0.00	45.11 3.03 0.00	41.33 2.81 0.00	33.54 1.84 0.00	32.82 1.83 0.00	32.25 1.74 0.00	29.05 1.62 0.00

RAVENSWOOD_GT3_2 24249	23.01 1.18 0.00	21.32 1.03 0.00	20.50 1.03 0.00	20.28 0.97 0.00	21.22 0.97 0.00	22.92 1.01 0.00	30.78 1.38 0.00	35.10 2.17 0.00	33.75 1.97 0.00	31.92 1.98 0.00	32.60 1.79 0.00	32.60 1.82 0.00	31.82 1.89 0.00	31.34 1.75 0.00	31.89 1.89 0.00	33.11 1.96 0.00	42.04 2.93 0.00	50.27 3.90 0.00	45.11 3.03 0.00	41.33 2.81 0.00	33.54 1.84 0.00	32.82 1.83 0.00	32.25 1.74 0.00	29.05 1.62 0.00
RAVENSWOOD_GT3_3 24250	23.03 1.20 0.00	21.35 1.06 0.00	20.52 1.05 0.00	20.30 0.99 0.00	21.25 0.99 0.00	22.94 1.03 0.00	30.81 1.41 0.00	35.13 2.21 0.00	33.82 2.03 0.00	31.95 2.01 0.00	32.63 1.82 0.00	32.63 1.85 0.00	31.85 1.92 0.00	31.40 1.81 0.00	31.92 1.92 0.00	33.14 1.99 0.00	42.12 3.01 0.00	50.36 3.99 0.00	45.15 3.07 0.00	41.37 2.85 0.00	33.57 1.87 0.00	32.85 1.86 0.00	32.31 1.80 0.00	29.08 1.65 0.00
RAVENSWOOD_GT3_4 24251	23.03 1.20 0.00	21.35 1.06 0.00	20.52 1.05 0.00	20.30 0.99 0.00	21.25 0.99 0.00	22.94 1.03 0.00	30.81 1.41 0.00	35.13 2.21 0.00	33.82 2.03 0.00	31.95 2.01 0.00	32.63 1.82 0.00	32.63 1.85 0.00	31.85 1.92 0.00	31.40 1.81 0.00	31.92 1.92 0.00	33.14 1.99 0.00	42.12 3.01 0.00	50.36 3.99 0.00	45.15 3.07 0.00	41.37 2.85 0.00	33.57 1.87 0.00	32.85 1.86 0.00	32.31 1.80 0.00	29.08 1.65 0.00
RAVENSWOOD_GT_1 23729	23.14 1.31 0.00	21.43 1.14 0.00	20.58 1.11 0.00	20.38 1.06 0.00	21.31 1.05 0.00	22.97 1.05 0.00	30.78 1.38 0.00	35.06 2.14 0.00	33.75 1.97 0.00	31.95 2.01 0.00	32.60 1.79 0.00	32.63 1.85 0.00	31.82 1.89 0.00	31.40 1.81 0.00	31.92 1.92 0.00	33.11 1.96 0.00	42.04 2.93 0.00	50.27 3.90 0.00	45.11 3.03 0.00	41.30 2.77 0.00	33.50 1.81 0.00	32.78 1.80 0.00	32.31 1.80 0.00	29.22 1.78 -0.01
RAVENSWOOD_GT_10 24258	23.01 1.18 0.00	21.32 1.03 0.00	20.48 1.01 0.00	20.28 0.97 0.00	21.22 0.97 0.00	22.92 1.01 0.00	30.78 1.38 0.00	35.10 2.17 0.00	33.75 1.97 0.00	31.92 1.98 0.00	32.60 1.79 0.00	32.60 1.82 0.00	31.82 1.89 0.00	31.34 1.75 0.00	31.89 1.89 0.00	33.11 1.96 0.00	42.04 2.93 0.00	50.31 3.94 0.00	45.11 3.03 0.00	41.33 2.81 0.00	33.54 1.84 0.00	32.82 1.83 0.00	32.25 1.74 0.00	29.05 1.62 0.00
RAVENSWOOD_GT_11 24259	23.01 1.18 0.00	21.32 1.03 0.00	20.48 1.01 0.00	20.28 0.97 0.00	21.22 0.97 0.00	22.92 1.01 0.00	30.78 1.38 0.00	35.10 2.17 0.00	33.75 1.97 0.00	31.92 1.98 0.00	32.60 1.79 0.00	32.60 1.82 0.00	31.82 1.89 0.00	31.34 1.75 0.00	31.89 1.89 0.00	33.11 1.96 0.00	42.04 2.93 0.00	50.31 3.94 0.00	45.11 3.03 0.00	41.33 2.81 0.00	33.54 1.84 0.00	32.82 1.83 0.00	32.25 1.74 0.00	29.05 1.62 0.00
RAVENSWOOD_GT_4 24252	22.99 1.16 0.00	21.30 1.01 0.00	20.48 1.01 0.00	20.26 0.95 0.00	21.20 0.95 0.00	22.92 1.01 0.00	30.78 1.38 0.00	35.13 2.21 0.00	33.75 1.97 0.00	31.92 1.98 0.00	32.60 1.79 0.00	32.60 1.82 0.00	31.82 1.89 0.00	31.37 1.78 0.00	31.89 1.89 0.00	33.11 1.96 0.00	42.08 2.97 0.00	50.31 3.94 0.00	45.11 3.03 0.00	41.33 2.81 0.00	33.54 1.84 0.00	32.85 1.86 0.00	32.25 1.74 0.00	29.02 1.59 0.00
RAVENSWOOD_GT_5 24254	22.99 1.16 0.00	21.30 1.01 0.00	20.48 1.01 0.00	20.26 0.95 0.00	21.20 0.95 0.00	22.92 1.01 0.00	30.78 1.38 0.00	35.13 2.21 0.00	33.75 1.97 0.00	31.92 1.98 0.00	32.60 1.79 0.00	32.60 1.82 0.00	31.82 1.89 0.00	31.37 1.78 0.00	31.89 1.89 0.00	33.11 1.96 0.00	42.08 2.97 0.00	50.31 3.94 0.00	45.11 3.03 0.00	41.33 2.81 0.00	33.54 1.84 0.00	32.85 1.86 0.00	32.25 1.74 0.00	29.02 1.59 0.00
RAVENSWOOD_GT_6 24253	22.99 1.16 0.00	21.30 1.01 0.00	20.48 1.01 0.00	20.26 0.95 0.00	21.20 0.95 0.00	22.92 1.01 0.00	30.78 1.38 0.00	35.13 2.21 0.00	33.75 1.97 0.00	31.92 1.98 0.00	32.60 1.79 0.00	32.60 1.82 0.00	31.82 1.89 0.00	31.37 1.78 0.00	31.89 1.89 0.00	33.11 1.96 0.00	42.08 2.97 0.00	50.31 3.94 0.00	45.11 3.03 0.00	41.33 2.81 0.00	33.54 1.84 0.00	32.85 1.86 0.00	32.25 1.74 0.00	29.02 1.59 0.00
RAVENSWOOD_GT_7 24255	22.99 1.16 0.00	21.30 1.01 0.00	20.48 1.01 0.00	20.26 0.95 0.00	21.20 0.95 0.00	22.92 1.01 0.00	30.78 1.38 0.00	35.13 2.21 0.00	33.75 1.97 0.00	31.92 1.98 0.00	32.60 1.79 0.00	32.60 1.82 0.00	31.82 1.89 0.00	31.37 1.78 0.00	31.89 1.89 0.00	33.11 1.96 0.00	42.08 2.97 0.00	50.31 3.94 0.00	45.11 3.03 0.00	41.33 2.81 0.00	33.54 1.84 0.00	32.85 1.86 0.00	32.25 1.74 0.00	29.02 1.59 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	23.01 1.18 0.00	21.32 1.03 0.00	20.48 1.01 0.00	20.28 0.97 0.00	21.22 0.97 0.00	22.92 1.01 0.00	30.78 1.38 0.00	35.10 2.17 0.00	33.75 1.97 0.00	31.92 1.98 0.00	32.60 1.79 0.00	32.60 1.82 0.00	31.82 1.89 0.00	31.34 1.75 0.00	31.89 1.89 0.00	33.11 1.96 0.00	42.04 2.93 0.00	50.31 3.94 0.00	45.11 3.03 0.00	41.33 2.81 0.00	33.54 1.84 0.00	32.82 1.83 0.00	32.25 1.74 0.00	29.05 1.62 0.00
RAVENSWOOD_GT_9 24257	23.01 1.18 0.00	21.32 1.03 0.00	20.48 1.01 0.00	20.28 0.97 0.00	21.22 0.97 0.00	22.92 1.01 0.00	30.78 1.38 0.00	35.10 2.17 0.00	33.75 1.97 0.00	31.92 1.98 0.00	32.60 1.79 0.00	32.60 1.82 0.00	31.82 1.89 0.00	31.34 1.75 0.00	31.89 1.89 0.00	33.11 1.96 0.00	42.04 2.93 0.00	50.31 3.94 0.00	45.11 3.03 0.00	41.33 2.81 0.00	33.54 1.84 0.00	32.82 1.83 0.00	32.25 1.74 0.00	29.05 1.62 0.00
RAVENSWOOD___1 23533	23.12 1.29 0.00	21.41 1.12 0.00	20.58 1.11 0.00	20.36 1.04 0.00	21.29 1.03 0.00	22.88 0.96 0.00	30.75 1.35 0.00	35.06 2.14 0.00	33.75 1.97 0.00	31.92 1.98 0.00	32.60 1.79 0.00	32.60 1.82 0.00	31.76 1.83 0.00	31.37 1.78 0.00	31.89 1.89 0.00	33.02 1.87 0.00	42.00 2.89 0.00	50.27 3.90 0.00	45.11 3.03 0.00	41.30 2.78 0.00	33.70 2.00 0.00	32.60 1.61 0.00	32.49 1.98 0.00	29.25 1.81 -0.01
RAVENSWOOD___2 23534	23.10 1.27 0.00	21.38 1.09 0.00	20.56 1.09 0.00	20.34 1.02 0.00	21.26 1.01 0.00	22.88 0.96 0.00	30.75 1.35 0.00	35.03 2.11 0.00	33.75 1.97 0.00	31.92 1.98 0.00	32.57 1.76 0.00	32.60 1.82 0.00	31.73 1.80 0.00	31.37 1.78 0.00	31.89 1.89 0.00	32.99 1.84 0.00	42.00 2.89 0.00	50.22 3.85 0.00	45.07 2.99 0.00	41.26 2.74 0.00	33.70 2.00 0.00	32.57 1.58 0.00	32.49 1.98 0.00	29.25 1.81 -0.01
RAVENSWOOD___3 23535	23.01 1.18 0.00	21.32 1.03 0.00	20.50 1.03 0.00	20.28 0.97 0.00	21.22 0.97 0.00	22.83 0.92 0.00	30.75 1.35 0.00	35.10 2.17 0.00	33.75 1.97 0.00	31.92 1.98 0.00	32.60 1.79 0.00	32.60 1.82 0.00	31.73 1.80 0.00	31.37 1.78 0.00	31.89 1.89 0.00	33.02 1.87 0.00	42.05 2.93 0.00	50.31 3.94 0.00	45.11 3.03 0.00	41.33 2.81 0.00	33.73 2.03 0.00	32.63 1.64 0.00	32.37 1.86 0.00	29.10 1.67 0.00

RAVENSWOOD___4 23820	23.10 1.27 0.00	21.38 1.09 0.00	20.56 1.09 0.00	20.34 1.02 0.00	21.26 1.01 0.00	22.86 0.94 0.00	30.72 1.32 0.00	35.03 2.11 0.00	33.72 1.94 0.00	31.92 1.98 0.00	32.57 1.76 0.00	32.60 1.82 0.00	31.73 1.80 0.00	31.37 1.78 0.00	31.89 1.89 0.00	32.99 1.84 0.00	42.00 2.89 0.00	50.22 3.85 0.00	45.07 2.99 0.00	41.26 2.74 0.00	33.70 2.00 0.00	32.57 1.58 0.00	32.49 1.98 0.00	29.22 1.78 -0.01
RCPI_TRUST___DRP 24196	23.01 1.18 0.00	21.32 1.03 0.00	20.50 1.03 0.00	20.28 0.97 0.00	21.22 0.97 0.00	22.92 1.01 0.00	30.81 1.41 0.00	35.16 2.24 0.00	33.82 2.03 0.00	31.95 2.01 0.00	32.63 1.82 0.00	32.63 1.85 0.00	31.85 1.92 0.00	31.37 1.78 0.00	31.92 1.92 0.00	33.14 1.99 0.00	42.12 3.01 0.00	50.36 3.99 0.00	45.15 3.07 0.00	41.37 2.85 0.00	33.57 1.87 0.00	32.85 1.86 0.00	32.28 1.77 0.00	29.05 1.62 0.00
RED___ROCHESTER 323720	21.31 -0.52 0.00	19.66 -0.63 0.00	18.83 -0.64 0.00	18.68 -0.64 0.00	19.62 -0.63 0.00	21.50 -0.42 0.00	29.10 -0.29 0.00	32.10 -0.82 0.00	31.43 -0.35 0.00	29.64 -0.30 0.00	30.63 -0.18 0.00	30.57 -0.21 0.00	29.73 -0.21 0.00	29.33 -0.27 0.00	29.58 -0.42 0.00	30.71 -0.44 0.00	38.99 -0.12 0.00	45.63 -0.74 0.00	41.40 -0.67 0.00	37.98 -0.54 0.00	31.44 -0.25 0.00	30.31 -0.68 0.00	29.60 -0.91 0.00	26.77 -0.66 0.00
REGAN___SOLAR 323812	23.80 1.97 0.00	22.08 1.79 0.00	21.12 1.65 0.00	20.98 1.66 0.00	22.14 1.88 0.00	24.15 2.24 0.00	32.60 3.20 0.00	36.68 3.75 0.00	35.47 3.69 0.00	33.05 3.11 0.00	34.05 3.23 0.00	33.71 2.93 0.00	32.93 2.99 0.00	32.85 3.26 0.00	33.48 3.48 0.00	34.98 3.83 0.00	44.51 5.40 0.00	53.28 6.91 0.00	48.05 5.97 0.00	43.69 5.16 0.00	35.91 4.22 0.00	34.77 3.78 0.00	33.93 3.42 0.00	30.31 2.88 0.00
RENSSELAER___COGEN 23796	22.05 0.22 0.00	20.55 0.26 0.00	19.74 0.27 0.00	19.59 0.27 0.00	20.56 0.30 0.00	22.13 0.22 0.00	29.66 0.26 0.00	33.42 0.49 0.00	32.26 0.48 0.00	30.36 0.42 0.00	31.18 0.37 0.00	31.21 0.43 0.00	30.35 0.42 0.00	30.04 0.44 0.00	30.45 0.45 0.00	31.71 0.56 0.00	40.05 0.94 0.00	47.76 1.39 0.00	43.22 1.14 0.00	39.41 0.89 0.00	32.36 0.67 0.00	31.48 0.49 0.00	30.97 0.46 0.00	27.82 0.38 0.00
REPUBLIC_115KV_BARTNBRK 55605	23.23 1.40 0.00	21.53 1.24 0.00	20.62 1.15 0.00	20.46 1.14 0.00	21.57 1.32 0.00	23.47 1.56 0.00	31.75 2.35 0.00	35.85 2.93 0.00	34.93 3.15 0.00	32.63 2.69 0.00	33.65 2.83 0.00	33.64 2.86 0.00	32.54 2.60 0.00	32.29 2.69 0.00	32.76 2.76 0.00	34.27 3.12 0.00	43.41 4.30 0.00	51.98 5.61 0.00	46.88 4.80 0.00	42.57 4.04 0.00	34.80 3.11 0.00	33.81 2.82 0.00	32.89 2.38 0.00	29.43 2.00 0.00
REVERE_CPPR_DRP 24186	22.46 0.63 0.00	20.88 0.59 0.00	19.98 0.51 0.00	19.86 0.54 0.00	20.84 0.59 0.00	22.68 0.77 0.00	30.52 1.12 0.00	34.21 1.28 0.00	33.02 1.24 0.00	31.14 1.20 0.00	32.07 1.26 0.00	31.98 1.20 0.00	31.10 1.17 0.00	30.81 1.21 0.00	31.35 1.35 0.00	32.65 1.50 0.00	41.34 2.23 0.00	49.11 2.74 0.00	44.48 2.40 0.00	40.68 2.16 0.00	33.31 1.62 0.00	32.38 1.39 0.00	31.88 1.37 0.00	28.56 1.12 0.00
REYNOLDS_115KV_TB3 80639	22.18 0.35 0.00	20.68 0.39 0.00	19.86 0.39 0.00	19.70 0.39 0.00	20.68 0.43 0.00	22.33 0.42 0.00	29.87 0.47 0.00	33.65 0.72 0.00	32.48 0.70 0.00	30.57 0.63 0.00	31.40 0.59 0.00	31.43 0.65 0.00	30.59 0.66 0.00	30.24 0.65 0.00	30.69 0.69 0.00	31.99 0.84 0.00	40.32 1.21 0.00	48.13 1.76 0.00	43.55 1.47 0.00	39.68 1.16 0.00	32.43 0.73 0.00	31.79 0.81 0.00	31.15 0.64 0.00	27.95 0.52 0.00
RIVERBAY____ 323610	23.53 1.70 0.00	21.73 1.44 0.00	20.91 1.44 0.00	20.69 1.37 0.00	21.59 1.34 0.00	23.27 1.36 0.00	31.02 1.62 0.00	35.30 2.37 0.00	33.98 2.19 0.00	32.13 2.19 0.00	32.78 1.97 0.00	32.78 2.00 0.00	32.00 2.07 0.00	31.55 1.95 0.00	32.07 2.07 0.00	33.24 2.09 0.00	42.24 3.13 0.00	50.54 4.17 0.00	45.40 3.32 0.00	41.53 3.00 0.00	33.66 1.97 0.00	32.94 1.95 0.00	32.59 2.07 0.00	29.69 2.25 -0.01
RIVERSDE_115KV_TB3 55908	22.14 0.31 0.00	20.63 0.34 0.00	19.80 0.33 0.00	19.66 0.35 0.00	20.62 0.36 0.00	22.26 0.35 0.00	29.78 0.38 0.00	33.55 0.63 0.00	32.42 0.64 0.00	30.51 0.57 0.00	31.33 0.52 0.00	31.36 0.58 0.00	30.53 0.60 0.00	30.19 0.59 0.00	30.63 0.63 0.00	31.90 0.75 0.00	40.25 1.13 0.00	48.04 1.67 0.00	43.43 1.35 0.00	39.60 1.08 0.00	32.33 0.63 0.00	31.70 0.71 0.00	31.06 0.55 0.00	27.87 0.44 0.00
ROARING___BROOK_WT_PWR 323790	21.46 -0.37 0.00	19.99 -0.30 0.00	19.22 -0.25 0.00	19.10 -0.21 0.00	20.03 -0.22 0.00	21.65 -0.26 0.00	28.96 -0.44 0.00	32.36 -0.56 0.00	31.24 -0.54 0.00	29.46 -0.48 0.00	30.38 -0.43 0.00	30.38 -0.40 0.00	29.54 -0.39 0.00	29.21 -0.39 0.00	29.64 -0.36 0.00	30.78 -0.37 0.00	38.48 -0.63 0.00	45.58 -0.79 0.00	41.49 -0.59 0.00	38.06 -0.46 0.00	31.38 -0.32 0.00	30.83 -0.15 0.00	30.39 -0.12 0.00	27.32 -0.11 0.00
ROCHESRG_115KV_T4 355643	21.07 -0.76 0.00	19.46 -0.83 0.00	18.65 -0.82 0.00	18.51 -0.81 0.00	19.42 -0.83 0.00	21.08 -0.83 0.00	28.69 -0.71 0.00	31.71 -1.22 0.00	31.02 -0.76 0.00	29.22 -0.72 0.00	30.19 -0.62 0.00	30.13 -0.65 0.00	29.19 -0.75 0.00	28.94 -0.65 0.00	29.16 -0.84 0.00	30.09 -1.06 0.00	38.41 -0.70 0.00	44.93 -1.44 0.00	40.77 -1.30 0.00	37.41 -1.12 0.00	30.78 -0.92 0.00	29.47 -1.52 0.00	29.35 -1.16 0.00	26.55 -0.88 0.00
ROCHESTER_9_IC 23652	21.20 -0.63 0.00	19.58 -0.71 0.00	18.75 -0.72 0.00	18.60 -0.71 0.00	19.52 -0.73 0.00	21.21 -0.70 0.00	28.87 -0.53 0.00	31.90 -1.02 0.00	31.27 -0.51 0.00	29.46 -0.48 0.00	30.44 -0.37 0.00	30.38 -0.40 0.00	29.43 -0.51 0.00	29.15 -0.44 0.00	29.40 -0.60 0.00	30.31 -0.84 0.00	38.72 -0.39 0.00	45.30 -1.07 0.00	41.11 -0.97 0.00	37.71 -0.81 0.00	31.03 -0.67 0.00	29.69 -1.30 0.00	29.57 -0.95 0.00	26.72 -0.71 0.00
ROCKVIEW_13_KV_LD 356306	22.99 1.16 0.00	21.30 1.01 0.00	20.46 0.99 0.00	20.26 0.95 0.00	21.20 0.95 0.00	22.94 1.03 0.00	30.81 1.41 0.00	35.13 2.21 0.00	33.82 2.03 0.00	31.95 2.01 0.00	32.66 1.85 0.00	32.66 1.88 0.00	31.85 1.92 0.00	31.40 1.81 0.00	31.92 1.92 0.00	33.18 2.02 0.00	42.16 3.05 0.00	50.45 4.08 0.00	45.32 3.24 0.00	41.45 2.93 0.00	33.66 1.97 0.00	32.88 1.89 0.00	32.28 1.77 0.00	28.99 1.56 0.00
ROME____115KV_TB2 80656	22.46 0.63 0.00	20.88 0.59 0.00	19.98 0.51 0.00	19.86 0.54 0.00	20.84 0.59 0.00	22.68 0.77 0.00	30.52 1.12 0.00	34.21 1.28 0.00	33.02 1.24 0.00	31.14 1.20 0.00	32.07 1.26 0.00	31.98 1.20 0.00	31.10 1.17 0.00	30.81 1.21 0.00	31.35 1.35 0.00	32.65 1.50 0.00	41.34 2.23 0.00	49.11 2.74 0.00	44.48 2.40 0.00	40.68 2.16 0.00	33.31 1.62 0.00	32.38 1.39 0.00	31.88 1.37 0.00	28.56 1.12 0.00

ROSETON___1 23587	22.73 0.90 0.00	21.10 0.81 0.00	20.25 0.78 0.00	20.05 0.73 0.00	21.02 0.77 0.00	22.64 0.72 0.00	30.45 1.06 0.00	34.60 1.68 0.00	33.31 1.53 0.00	31.44 1.50 0.00	32.16 1.35 0.00	32.17 1.39 0.00	31.31 1.38 0.00	30.93 1.33 0.00	31.41 1.41 0.00	32.61 1.46 0.00	41.46 2.35 0.00	49.57 3.20 0.00	44.56 2.48 0.00	40.79 2.27 0.00	33.34 1.65 0.00	32.29 1.30 0.00	31.92 1.40 0.00	28.67 1.24 0.00
ROSETON___2 23588	22.73 0.90 0.00	21.10 0.81 0.00	20.25 0.78 0.00	20.05 0.73 0.00	21.02 0.77 0.00	22.64 0.72 0.00	30.45 1.06 0.00	34.60 1.68 0.00	33.31 1.53 0.00	31.44 1.50 0.00	32.16 1.35 0.00	32.17 1.39 0.00	31.31 1.38 0.00	30.93 1.33 0.00	31.41 1.41 0.00	32.61 1.46 0.00	41.46 2.35 0.00	49.57 3.20 0.00	44.56 2.48 0.00	40.79 2.27 0.00	33.34 1.65 0.00	32.29 1.30 0.00	31.92 1.40 0.00	28.67 1.24 0.00
ROTTTRDAM_115KV_TB3 80664	22.36 0.52 0.00	20.78 0.49 0.00	19.94 0.47 0.00	19.78 0.46 0.00	20.76 0.51 0.00	22.46 0.55 0.00	30.16 0.76 0.00	33.95 1.02 0.00	32.80 1.02 0.00	30.84 0.90 0.00	31.70 0.89 0.00	31.67 0.89 0.00	30.83 0.90 0.00	30.48 0.89 0.00	30.96 0.96 0.00	32.21 1.06 0.00	40.64 1.53 0.00	48.46 2.09 0.00	43.80 1.73 0.00	39.99 1.46 0.00	32.74 1.05 0.00	31.98 0.99 0.00	31.40 0.88 0.00	28.17 0.74 0.00
RUSSELL___1 23602	21.31 -0.52 0.00	19.66 -0.63 0.00	18.83 -0.64 0.00	18.68 -0.64 0.00	19.60 -0.65 0.00	21.30 -0.61 0.00	29.02 -0.38 0.00	32.10 -0.82 0.00	31.43 -0.35 0.00	29.64 -0.30 0.00	30.63 -0.18 0.00	30.53 -0.25 0.00	29.60 -0.33 0.00	29.33 -0.27 0.00	29.58 -0.42 0.00	30.53 -0.62 0.00	38.99 -0.12 0.00	45.63 -0.74 0.00	41.41 -0.67 0.00	37.98 -0.54 0.00	31.22 -0.48 0.00	29.87 -1.12 0.00	29.72 -0.79 0.00	26.86 -0.58 0.00
RUSSELL___2 23532	21.31 -0.52 0.00	19.66 -0.63 0.00	18.83 -0.64 0.00	18.68 -0.64 0.00	19.60 -0.65 0.00	21.30 -0.61 0.00	29.02 -0.38 0.00	32.10 -0.82 0.00	31.43 -0.35 0.00	29.64 -0.30 0.00	30.63 -0.18 0.00	30.53 -0.25 0.00	29.60 -0.33 0.00	29.33 -0.27 0.00	29.58 -0.42 0.00	30.53 -0.62 0.00	38.99 -0.12 0.00	45.63 -0.74 0.00	41.41 -0.67 0.00	37.98 -0.54 0.00	31.22 -0.48 0.00	29.87 -1.12 0.00	29.72 -0.79 0.00	26.86 -0.58 0.00
RUSSELL___3 23549	21.31 -0.52 0.00	19.66 -0.63 0.00	18.83 -0.64 0.00	18.68 -0.64 0.00	19.60 -0.65 0.00	21.30 -0.61 0.00	29.02 -0.38 0.00	32.10 -0.82 0.00	31.43 -0.35 0.00	29.64 -0.30 0.00	30.63 -0.18 0.00	30.53 -0.25 0.00	29.60 -0.33 0.00	29.33 -0.27 0.00	29.58 -0.42 0.00	30.53 -0.62 0.00	38.99 -0.12 0.00	45.63 -0.74 0.00	41.41 -0.67 0.00	37.98 -0.54 0.00	31.22 -0.48 0.00	29.87 -1.12 0.00	29.72 -0.79 0.00	26.86 -0.58 0.00
RUSSELL___4 23556	21.31 -0.52 0.00	19.66 -0.63 0.00	18.83 -0.64 0.00	18.68 -0.64 0.00	19.60 -0.65 0.00	21.30 -0.61 0.00	29.02 -0.38 0.00	32.10 -0.82 0.00	31.43 -0.35 0.00	29.64 -0.30 0.00	30.63 -0.18 0.00	30.53 -0.25 0.00	29.60 -0.33 0.00	29.33 -0.27 0.00	29.58 -0.42 0.00	30.53 -0.62 0.00	38.99 -0.12 0.00	45.63 -0.74 0.00	41.41 -0.67 0.00	37.98 -0.54 0.00	31.22 -0.48 0.00	29.87 -1.12 0.00	29.72 -0.79 0.00	26.86 -0.58 0.00
RUSSELL___STATION 23914	21.31 -0.52 0.00	19.66 -0.63 0.00	18.83 -0.64 0.00	18.68 -0.64 0.00	19.60 -0.65 0.00	21.30 -0.61 0.00	29.02 -0.38 0.00	32.10 -0.82 0.00	31.43 -0.35 0.00	29.64 -0.30 0.00	30.63 -0.18 0.00	30.53 -0.25 0.00	29.60 -0.33 0.00	29.33 -0.27 0.00	29.58 -0.42 0.00	30.53 -0.62 0.00	38.99 -0.12 0.00	45.63 -0.74 0.00	41.41 -0.67 0.00	37.98 -0.54 0.00	31.22 -0.48 0.00	29.87 -1.12 0.00	29.72 -0.79 0.00	26.86 -0.58 0.00
S SALMON___HYD 24043	21.44 -0.39 0.00	19.90 -0.39 0.00	19.06 -0.41 0.00	18.93 -0.39 0.00	19.87 -0.39 0.00	21.59 -0.33 0.00	28.96 -0.44 0.00	32.30 -0.63 0.00	31.21 -0.57 0.00	29.40 -0.54 0.00	30.38 -0.43 0.00	30.29 -0.49 0.00	29.43 -0.51 0.00	29.15 -0.44 0.00	29.55 -0.45 0.00	30.78 -0.37 0.00	38.88 -0.23 0.00	46.23 -0.14 0.00	41.87 -0.21 0.00	38.33 -0.19 0.00	31.57 -0.13 0.00	30.62 -0.37 0.00	30.05 -0.46 0.00	26.94 -0.49 0.00
S.PERRY___115KV_TB1 80734	21.94 0.11 0.00	20.19 -0.10 0.00	19.31 -0.16 0.00	19.14 -0.17 0.00	20.15 -0.10 0.00	21.91 0.00 0.00	30.04 0.65 0.00	33.29 0.36 0.00	32.61 0.83 0.00	30.66 0.72 0.00	31.67 0.86 0.00	31.49 0.71 0.00	30.47 0.54 0.00	30.24 0.65 0.00	30.54 0.54 0.00	31.43 0.28 0.00	40.40 1.29 0.00	47.53 1.16 0.00	43.09 1.01 0.00	39.64 1.12 0.00	32.52 0.82 0.00	30.99 0.00 0.00	30.79 0.27 0.00	27.79 0.36 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	20.63 -1.20 0.00	19.03 -1.26 0.00	18.24 -1.23 0.00	18.06 -1.26 0.00	18.96 -1.30 0.00	20.56 -1.36 0.00	28.19 -1.21 0.00	30.85 -2.07 0.00	30.48 -1.30 0.00	28.68 -1.26 0.00	29.61 -1.20 0.00	29.52 -1.26 0.00	28.59 -1.35 0.00	28.41 -1.18 0.00	28.59 -1.41 0.00	29.19 -1.96 0.00	37.62 -1.49 0.00	43.68 -2.69 0.00	39.60 -2.48 0.00	36.37 -2.16 0.00	30.11 -1.58 0.00	28.60 -2.39 0.00	28.74 -1.77 0.00	26.20 -1.23 0.00
SAWYER___23_KV_LOAD 55526	20.63 -1.20 0.00	19.03 -1.26 0.00	18.24 -1.23 0.00	18.06 -1.26 0.00	18.96 -1.30 0.00	20.56 -1.36 0.00	28.19 -1.21 0.00	30.85 -2.07 0.00	30.48 -1.30 0.00	28.68 -1.26 0.00	29.61 -1.20 0.00	29.52 -1.26 0.00	28.59 -1.35 0.00	28.41 -1.18 0.00	28.59 -1.41 0.00	29.19 -1.96 0.00	37.62 -1.49 0.00	43.68 -2.69 0.00	39.60 -2.48 0.00	36.37 -2.16 0.00	30.11 -1.58 0.00	28.60 -2.39 0.00	28.74 -1.77 0.00	26.20 -1.23 0.00
SELKIRK___I 23801	22.29 0.46 0.00	20.76 0.47 0.00	19.92 0.45 0.00	19.76 0.44 0.00	20.74 0.49 0.00	22.38 0.46 0.00	29.99 0.59 0.00	33.71 0.79 0.00	32.58 0.79 0.00	30.63 0.69 0.00	31.49 0.68 0.00	31.52 0.74 0.00	30.65 0.72 0.00	30.30 0.71 0.00	30.75 0.75 0.00	31.99 0.84 0.00	40.40 1.29 0.00	48.13 1.76 0.00	43.59 1.51 0.00	39.76 1.23 0.00	32.68 0.98 0.00	31.82 0.84 0.00	31.27 0.76 0.00	28.12 0.69 0.00
SELKIRK___II 23799	22.16 0.33 0.00	20.63 0.34 0.00	19.82 0.35 0.00	19.64 0.33 0.00	20.62 0.36 0.00	22.22 0.31 0.00	29.81 0.41 0.00	33.55 0.62 0.00	32.39 0.60 0.00	30.51 0.57 0.00	31.33 0.52 0.00	31.33 0.55 0.00	30.47 0.54 0.00	30.15 0.56 0.00	30.57 0.57 0.00	31.83 0.68 0.00	40.20 1.09 0.00	47.90 1.53 0.00	43.34 1.26 0.00	39.56 1.04 0.00	32.49 0.79 0.00	31.61 0.62 0.00	31.09 0.58 0.00	27.93 0.49 0.00
SENECA OSWGO___HYD 24041	21.42 -0.42 0.00	19.86 -0.43 0.00	19.04 -0.43 0.00	18.91 -0.41 0.00	19.83 -0.43 0.00	21.52 -0.39 0.00	28.90 -0.50 0.00	32.20 -0.72 0.00	31.15 -0.64 0.00	29.34 -0.60 0.00	30.32 -0.49 0.00	30.23 -0.55 0.00	29.40 -0.54 0.00	29.06 -0.53 0.00	29.37 -0.63 0.00	30.56 -0.59 0.00	38.60 -0.51 0.00	45.82 -0.55 0.00	41.49 -0.59 0.00	37.98 -0.54 0.00	31.22 -0.47 0.00	30.34 -0.65 0.00	29.78 -0.73 0.00	26.75 -0.68 0.00

SENECA___115KV_TB3 355854	20.94 -0.90 0.00	19.32 -0.97 0.00	18.50 -0.97 0.00	18.33 -0.99 0.00	19.24 -1.01 0.00	20.86 -1.05 0.00	28.63 -0.76 0.00	31.41 -1.51 0.00	31.02 -0.76 0.00	29.16 -0.78 0.00	30.13 -0.68 0.00	30.04 -0.74 0.00	29.10 -0.84 0.00	28.91 -0.68 0.00	29.10 -0.90 0.00	29.72 -1.43 0.00	38.37 -0.74 0.00	44.65 -1.72 0.00	40.44 -1.64 0.00	37.14 -1.39 0.00	30.71 -0.98 0.00	29.19 -1.80 0.00	29.29 -1.22 0.00	26.66 -0.77 0.00
SENECA___ENERGY 23797	21.55 -0.28 0.00	19.94 -0.35 0.00	19.12 -0.35 0.00	18.97 -0.35 0.00	19.93 -0.32 0.00	21.72 -0.20 0.00	29.34 -0.06 0.00	32.66 -0.26 0.00	31.72 -0.06 0.00	29.85 -0.09 0.00	30.84 0.03 0.00	30.72 -0.06 0.00	29.84 -0.09 0.00	29.50 -0.09 0.00	29.79 -0.21 0.00	30.96 -0.19 0.00	39.15 0.04 0.00	46.37 0.00 0.00	42.00 -0.08 0.00	38.48 -0.04 0.00	31.76 0.06 0.00	30.71 -0.28 0.00	30.08 -0.43 0.00	27.07 -0.36 0.00
SHOEMAKER___GT 23640	22.59 0.76 0.00	20.98 0.69 0.00	20.13 0.66 0.00	19.93 0.62 0.00	20.90 0.65 0.00	22.53 0.61 0.00	30.31 0.91 0.00	34.31 1.38 0.00	33.02 1.24 0.00	31.17 1.23 0.00	31.89 1.08 0.00	31.89 1.11 0.00	31.04 1.11 0.00	30.66 1.06 0.00	31.14 1.14 0.00	32.36 1.21 0.00	41.10 1.99 0.00	49.15 2.78 0.00	44.22 2.14 0.00	40.49 1.96 0.00	33.16 1.46 0.00	32.10 1.11 0.00	31.67 1.16 0.00	28.50 1.07 0.00
SHOEMAKR_138KV_BK 111 55601	22.60 0.76 0.00	20.98 0.69 0.00	20.13 0.66 0.00	19.95 0.64 0.00	20.90 0.65 0.00	22.59 0.68 0.00	30.34 0.94 0.00	34.34 1.42 0.00	33.05 1.27 0.00	31.20 1.26 0.00	31.92 1.11 0.00	31.92 1.14 0.00	31.10 1.17 0.00	30.69 1.09 0.00	31.17 1.17 0.00	32.43 1.28 0.00	41.11 1.99 0.00	49.15 2.78 0.00	44.23 2.15 0.00	40.49 1.96 0.00	32.97 1.27 0.00	32.23 1.24 0.00	31.64 1.13 0.00	28.45 1.01 0.00
SHOREHAM_IC_1 23715	25.39 2.05 -1.51	23.80 1.91 -1.60	23.70 1.81 -2.42	23.98 1.78 -2.88	25.18 1.82 -3.11	27.44 1.86 -3.67	37.61 2.32 -5.89	41.40 3.26 -5.21	38.85 2.89 -4.18	32.64 2.70 0.00	33.28 2.47 0.00	33.27 2.49 0.00	37.38 2.51 -4.93	37.36 2.45 -5.31	38.88 2.64 -6.24	40.47 2.62 -6.70	51.06 3.87 -8.07	66.16 5.06 -14.74	56.76 4.04 -10.64	52.97 3.74 -10.71	43.98 2.79 -9.49	41.25 2.35 -7.91	37.03 2.50 -4.01	32.31 2.36 -2.52
SHOREHAM_IC_2 23716	25.39 2.05 -1.51	23.80 1.91 -1.60	23.70 1.81 -2.42	23.98 1.78 -2.88	25.18 1.82 -3.11	27.44 1.86 -3.67	37.61 2.32 -5.89	41.40 3.26 -5.21	38.85 2.89 -4.18	32.64 2.70 0.00	33.28 2.47 0.00	33.27 2.49 0.00	37.38 2.51 -4.93	37.36 2.45 -5.31	38.88 2.64 -6.24	40.47 2.62 -6.70	51.06 3.87 -8.07	66.16 5.06 -14.74	56.76 4.04 -10.64	52.97 3.74 -10.71	43.98 2.79 -9.49	41.25 2.35 -7.91	37.03 2.50 -4.01	32.31 2.36 -2.52
SISSONVILLE____ 23735	21.53 -0.31 0.00	20.07 -0.22 0.00	19.26 -0.21 0.00	19.14 -0.17 0.00	20.03 -0.22 0.00	21.61 -0.31 0.00	28.75 -0.65 0.00	31.94 -0.99 0.00	30.73 -1.05 0.00	29.07 -0.87 0.00	29.95 -0.86 0.00	30.07 -0.71 0.00	29.19 -0.75 0.00	28.91 -0.68 0.00	29.40 -0.60 0.00	30.40 -0.75 0.00	37.47 -1.64 0.00	44.24 -2.13 0.00	40.44 -1.64 0.00	37.21 -1.31 0.00	30.94 -0.76 0.00	30.34 -0.65 0.00	30.02 -0.49 0.00	26.86 -0.58 0.00
SITHE_IND_GS1 24169	21.20 -0.63 0.00	19.68 -0.61 0.00	18.87 -0.60 0.00	18.74 -0.58 0.00	19.65 -0.61 0.00	21.30 -0.61 0.00	28.58 -0.82 0.00	31.77 -1.15 0.00	30.70 -1.08 0.00	28.92 -1.02 0.00	29.82 -0.99 0.00	29.79 -0.99 0.00	28.95 -0.99 0.00	28.62 -0.98 0.00	28.95 -1.05 0.00	30.06 -1.09 0.00	37.90 -1.21 0.00	44.93 -1.44 0.00	40.73 -1.35 0.00	37.29 -1.23 0.00	30.68 -1.02 0.00	29.87 -1.11 0.00	29.35 -1.16 0.00	26.39 -1.04 0.00
SITHE_IND_GS2 24170	21.20 -0.63 0.00	19.68 -0.61 0.00	18.87 -0.60 0.00	18.74 -0.58 0.00	19.65 -0.61 0.00	21.30 -0.61 0.00	28.58 -0.82 0.00	31.77 -1.15 0.00	30.70 -1.08 0.00	28.92 -1.02 0.00	29.82 -0.99 0.00	29.79 -0.99 0.00	28.95 -0.99 0.00	28.62 -0.98 0.00	28.95 -1.05 0.00	30.06 -1.09 0.00	37.90 -1.21 0.00	44.93 -1.44 0.00	40.73 -1.35 0.00	37.29 -1.23 0.00	30.68 -1.02 0.00	29.87 -1.11 0.00	29.35 -1.16 0.00	26.39 -1.04 0.00
SITHE_IND_GS3 24171	21.20 -0.63 0.00	19.68 -0.61 0.00	18.87 -0.60 0.00	18.74 -0.58 0.00	19.65 -0.61 0.00	21.30 -0.61 0.00	28.58 -0.82 0.00	31.77 -1.15 0.00	30.70 -1.08 0.00	28.92 -1.02 0.00	29.82 -0.99 0.00	29.79 -0.99 0.00	28.95 -0.99 0.00	28.62 -0.98 0.00	28.95 -1.05 0.00	30.06 -1.09 0.00	37.90 -1.21 0.00	44.93 -1.44 0.00	40.73 -1.35 0.00	37.29 -1.23 0.00	30.68 -1.02 0.00	29.87 -1.11 0.00	29.35 -1.16 0.00	26.39 -1.04 0.00
SITHE_IND_GS4 24172	21.20 -0.63 0.00	19.68 -0.61 0.00	18.87 -0.60 0.00	18.74 -0.58 0.00	19.65 -0.61 0.00	21.30 -0.61 0.00	28.58 -0.82 0.00	31.77 -1.15 0.00	30.70 -1.08 0.00	28.92 -1.02 0.00	29.82 -0.99 0.00	29.79 -0.99 0.00	28.95 -0.99 0.00	28.62 -0.98 0.00	28.95 -1.05 0.00	30.06 -1.09 0.00	37.90 -1.21 0.00	44.93 -1.44 0.00	40.73 -1.35 0.00	37.29 -1.23 0.00	30.68 -1.02 0.00	29.87 -1.11 0.00	29.35 -1.16 0.00	26.39 -1.04 0.00
SITHE___BATAVIA 24024	21.20 -0.63 0.00	19.54 -0.75 0.00	18.69 -0.78 0.00	18.54 -0.77 0.00	19.48 -0.77 0.00	21.43 -0.48 0.00	29.10 -0.29 0.00	31.87 -1.05 0.00	31.43 -0.35 0.00	29.61 -0.33 0.00	30.60 -0.21 0.00	30.47 -0.31 0.00	29.73 -0.21 0.00	29.30 -0.30 0.00	29.49 -0.51 0.00	30.59 -0.56 0.00	38.99 -0.12 0.00	45.35 -1.02 0.00	41.15 -0.93 0.00	37.83 -0.69 0.00	31.41 -0.29 0.00	30.15 -0.84 0.00	29.38 -1.13 0.00	26.72 -0.71 0.00
SITHE___INDEPEND 23800	21.20 -0.63 0.00	19.68 -0.61 0.00	18.87 -0.60 0.00	18.74 -0.58 0.00	19.65 -0.61 0.00	21.28 -0.64 0.00	28.55 -0.85 0.00	31.77 -1.15 0.00	30.70 -1.08 0.00	28.92 -1.02 0.00	29.82 -0.99 0.00	29.79 -0.98 0.00	28.95 -0.99 0.00	28.62 -0.98 0.00	28.95 -1.05 0.00	30.03 -1.12 0.00	37.90 -1.21 0.00	44.93 -1.44 0.00	40.73 -1.35 0.00	37.29 -1.23 0.00	30.62 -1.08 0.00	29.81 -1.18 0.00	29.38 -1.13 0.00	26.50 -0.93 0.00
SITHE___MASSENA 23902	21.92 0.09 0.00	20.41 0.12 0.00	19.61 0.14 0.00	19.47 0.15 0.00	20.37 0.12 0.00	22.00 0.09 0.00	29.43 0.03 0.00	32.70 -0.23 0.00	31.53 -0.26 0.00	29.79 -0.15 0.00	30.72 -0.09 0.00	30.72 -0.06 0.00	29.84 -0.09 0.00	29.50 -0.09 0.00	29.94 -0.06 0.00	30.93 -0.22 0.00	38.29 -0.82 0.00	45.16 -1.21 0.00	41.28 -0.80 0.00	37.90 -0.62 0.00	31.28 -0.41 0.00	30.93 -0.06 0.00	30.63 0.12 0.00	27.57 0.14 0.00
SITHE___OGDNSBRG 24021	22.03 0.20 0.00	20.53 0.24 0.00	19.70 0.23 0.00	19.57 0.25 0.00	20.48 0.22 0.00	22.13 0.22 0.00	29.57 0.18 0.00	32.96 0.03 0.00	31.75 -0.03 0.00	30.00 0.06 0.00	30.96 0.15 0.00	30.96 0.18 0.00	30.05 0.12 0.00	29.80 0.21 0.00	30.30 0.30 0.00	31.31 0.16 0.00	38.60 -0.51 0.00	45.49 -0.88 0.00	41.57 -0.50 0.00	38.25 -0.27 0.00	31.79 0.10 0.00	31.17 0.19 0.00	30.85 0.34 0.00	27.57 0.14 0.00

SITHE___STERLING 23777	22.35 0.52 0.00	20.78 0.49 0.00	19.90 0.43 0.00	19.76 0.44 0.00	20.74 0.49 0.00	22.57 0.66 0.00	30.37 0.97 0.00	34.01 1.08 0.00	32.83 1.05 0.00	30.96 1.02 0.00	31.89 1.08 0.00	31.79 1.01 0.00	30.92 0.99 0.00	30.63 1.04 0.00	31.11 1.11 0.00	32.36 1.21 0.00	40.91 1.80 0.00	48.60 2.23 0.00	43.97 1.90 0.00	40.22 1.69 0.00	33.03 1.33 0.00	32.07 1.08 0.00	31.52 1.01 0.00	28.25 0.82 0.00
SLEIGHT__34_KV_TB1 80719	21.31 -0.52 0.00	19.68 -0.61 0.00	18.87 -0.60 0.00	18.72 -0.60 0.00	19.67 -0.59 0.00	21.34 -0.57 0.00	28.99 -0.41 0.00	32.20 -0.72 0.00	31.40 -0.38 0.00	29.61 -0.33 0.00	30.63 -0.18 0.00	30.53 -0.25 0.00	29.57 -0.36 0.00	29.30 -0.30 0.00	29.55 -0.45 0.00	30.59 -0.56 0.00	38.92 -0.20 0.00	45.86 -0.51 0.00	41.57 -0.50 0.00	38.10 -0.42 0.00	31.25 -0.44 0.00	30.06 -0.93 0.00	29.75 -0.76 0.00	26.83 -0.60 0.00
SOUTH CAIRO___GT 23612	22.77 0.94 0.00	21.20 0.91 0.00	20.33 0.86 0.00	20.17 0.85 0.00	21.18 0.93 0.00	22.88 0.96 0.00	30.75 1.35 0.00	34.27 1.35 0.00	33.09 1.30 0.00	31.11 1.17 0.00	31.92 1.11 0.00	31.86 1.08 0.00	30.95 1.02 0.00	30.63 1.04 0.00	31.11 1.11 0.00	32.55 1.40 0.00	41.30 2.19 0.00	49.53 3.15 0.00	44.98 2.90 0.00	40.95 2.43 0.00	33.66 1.97 0.00	32.66 1.67 0.00	31.98 1.46 0.00	28.75 1.32 0.00
SOUTH HAMPTN___IC 23720	25.65 2.31 -1.51	24.02 2.13 -1.60	23.93 2.04 -2.42	24.19 1.99 -2.89	25.41 2.04 -3.11	27.71 2.13 -3.67	38.05 2.76 -5.89	41.89 3.75 -5.21	39.33 3.37 -4.18	33.08 3.14 0.00	33.74 2.93 0.00	33.76 2.98 0.00	37.86 2.99 -4.93	37.83 2.93 -5.31	39.33 3.09 -6.24	41.00 3.14 -6.70	51.76 4.57 -8.07	67.04 5.94 -14.74	57.51 4.80 -10.64	53.70 4.47 -10.71	44.55 3.36 -9.49	41.78 2.88 -7.91	37.48 2.96 -4.01	32.72 2.77 -2.52
SOUTHDOW_115KV_TB1 355954	21.42 -0.41 0.00	19.64 -0.65 0.00	18.79 -0.68 0.00	18.72 -0.60 0.00	19.56 -0.69 0.00	21.28 -0.64 0.00	29.52 0.12 0.00	32.43 -0.49 0.00	32.01 0.22 0.00	30.15 0.21 0.00	31.15 0.34 0.00	31.06 0.28 0.00	30.11 0.18 0.00	29.89 0.30 0.00	30.15 0.15 0.00	30.81 -0.34 0.00	39.93 0.82 0.00	46.79 0.42 0.00	42.29 0.21 0.00	38.91 0.39 0.00	32.11 0.41 0.00	30.52 -0.46 0.00	30.42 -0.09 0.00	27.57 0.14 0.00
SOUTHOLD_69_KV_BK 2 55809	25.98 2.64 -1.51	24.33 2.43 -1.60	24.23 2.34 -2.42	24.50 2.30 -2.89	25.75 2.39 -3.11	28.12 2.54 -3.67	38.58 3.29 -5.89	42.52 4.38 -5.21	39.93 3.97 -4.18	33.59 3.65 0.00	34.26 3.45 0.00	34.29 3.51 0.00	38.46 3.59 -4.93	38.34 3.43 -5.31	39.87 3.63 -6.24	41.62 3.77 -6.70	52.54 5.36 -8.07	68.01 6.91 -14.74	58.35 5.64 -10.64	54.47 5.24 -10.71	45.02 3.84 -9.49	42.52 3.63 -7.91	37.94 3.42 -4.01	33.13 3.18 -2.52
SOUTHOLD___IC 23719	25.98 2.64 -1.51	24.33 2.43 -1.60	24.23 2.34 -2.42	24.50 2.30 -2.89	25.73 2.37 -3.11	28.08 2.50 -3.67	38.58 3.29 -5.89	42.52 4.38 -5.21	39.93 3.97 -4.18	33.59 3.65 0.00	34.26 3.45 0.00	34.29 3.51 0.00	38.39 3.53 -4.93	38.34 3.43 -5.31	39.87 3.63 -6.24	41.59 3.74 -6.70	52.58 5.40 -8.07	68.06 6.95 -14.74	58.44 5.72 -10.64	54.51 5.28 -10.71	45.21 4.03 -9.49	42.40 3.50 -7.91	38.03 3.51 -4.01	33.18 3.24 -2.52
SOUTH_FORK_WT_PWR 323839	26.02 2.68 -1.51	24.37 2.47 -1.60	24.26 2.37 -2.42	24.52 2.32 -2.89	25.77 2.41 -3.11	28.10 2.52 -3.67	38.61 3.32 -5.89	42.55 4.41 -5.21	39.96 4.00 -4.18	33.62 3.68 0.00	34.29 3.48 0.00	34.32 3.54 0.00	38.42 3.56 -4.93	38.39 3.49 -5.31	39.90 3.66 -6.24	41.62 3.77 -6.70	52.62 5.43 -8.07	68.11 7.00 -14.74	58.48 5.77 -10.64	54.55 5.32 -10.71	45.25 4.06 -9.49	42.43 3.53 -7.91	38.06 3.54 -4.01	33.24 3.29 -2.52
SPIERFLS_115KV_TB 1 80737	22.55 0.72 0.00	20.94 0.65 0.00	20.07 0.60 0.00	19.92 0.60 0.00	20.96 0.71 0.00	22.75 0.83 0.00	30.66 1.26 0.00	34.54 1.61 0.00	33.50 1.72 0.00	31.41 1.47 0.00	32.32 1.51 0.00	32.32 1.54 0.00	31.40 1.47 0.00	31.07 1.48 0.00	31.53 1.53 0.00	32.89 1.74 0.00	41.61 2.50 0.00	49.71 3.34 0.00	44.90 2.82 0.00	40.87 2.35 0.00	33.41 1.71 0.00	32.60 1.61 0.00	31.85 1.34 0.00	28.53 1.10 0.00
ST LAWRENCE____ 23600	21.68 -0.15 0.00	20.19 -0.10 0.00	19.39 -0.08 0.00	19.26 -0.06 0.00	20.15 -0.10 0.00	21.78 -0.13 0.00	29.13 -0.27 0.00	32.50 -0.43 0.00	31.34 -0.45 0.00	29.52 -0.42 0.00	30.41 -0.40 0.00	30.38 -0.40 0.00	29.51 -0.42 0.00	29.21 -0.39 0.00	29.61 -0.39 0.00	30.68 -0.47 0.00	38.02 -1.09 0.00	44.84 -1.53 0.00	40.95 -1.13 0.00	37.60 -0.92 0.00	31.03 -0.67 0.00	30.71 -0.28 0.00	30.30 -0.21 0.00	27.29 -0.14 0.00
STATE_CA_115KV_115_LB 55624	22.14 0.31 0.00	20.63 0.34 0.00	19.82 0.35 0.00	19.66 0.35 0.00	20.62 0.36 0.00	22.26 0.35 0.00	29.81 0.41 0.00	33.58 0.66 0.00	32.45 0.67 0.00	30.54 0.60 0.00	31.37 0.55 0.00	31.40 0.62 0.00	30.56 0.63 0.00	30.21 0.62 0.00	30.66 0.66 0.00	31.93 0.78 0.00	40.28 1.17 0.00	48.09 1.72 0.00	43.47 1.39 0.00	39.64 1.12 0.00	32.39 0.70 0.00	31.70 0.71 0.00	31.06 0.55 0.00	27.90 0.47 0.00
STATE_ST_34_KV_LOAD 55959	21.81 -0.02 0.00	20.21 -0.08 0.00	19.37 -0.10 0.00	19.22 -0.10 0.00	20.17 -0.08 0.00	21.89 -0.02 0.00	29.60 0.21 0.00	33.02 0.10 0.00	32.04 0.25 0.00	30.21 0.27 0.00	31.21 0.40 0.00	31.09 0.31 0.00	30.14 0.21 0.00	29.86 0.27 0.00	30.15 0.15 0.00	31.28 0.12 0.00	39.62 0.51 0.00	47.02 0.65 0.00	42.58 0.50 0.00	38.95 0.42 0.00	31.95 0.25 0.00	30.93 -0.06 0.00	30.48 -0.03 0.00	27.40 -0.03 0.00
STATION 5_MISC_HYD 23604	21.20 -0.63 0.00	19.58 -0.71 0.00	18.75 -0.72 0.00	18.60 -0.71 0.00	19.52 -0.73 0.00	21.41 -0.50 0.00	28.96 -0.44 0.00	31.94 -0.99 0.00	31.27 -0.51 0.00	29.46 -0.48 0.00	30.44 -0.37 0.00	30.38 -0.40 0.00	29.54 -0.39 0.00	29.15 -0.44 0.00	29.40 -0.60 0.00	30.53 -0.62 0.00	38.72 -0.39 0.00	45.31 -1.06 0.00	41.11 -0.97 0.00	37.71 -0.81 0.00	31.22 -0.47 0.00	30.12 -0.87 0.00	29.44 -1.07 0.00	26.63 -0.80 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	21.57 -0.26 0.00	19.92 -0.37 0.00	19.08 -0.39 0.00	18.93 -0.39 0.00	19.89 -0.36 0.00	21.61 -0.31 0.00	29.40 0.00 0.00	32.63 -0.30 0.00	31.85 0.06 0.00	30.00 0.06 0.00	31.00 0.18 0.00	30.90 0.12 0.00	29.96 0.03 0.00	29.65 0.06 0.00	29.94 -0.06 0.00	30.99 -0.16 0.00	39.42 0.31 0.00	46.42 0.05 0.00	42.08 0.00 0.00	38.56 0.04 0.00	31.67 -0.03 0.00	30.40 -0.59 0.00	30.14 -0.37 0.00	27.16 -0.27 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	21.13 -0.70 0.00	19.50 -0.79 0.00	18.69 -0.78 0.00	18.54 -0.77 0.00	19.46 -0.79 0.00	21.15 -0.77 0.00	28.78 -0.62 0.00	31.84 -1.09 0.00	31.15 -0.64 0.00	29.37 -0.57 0.00	30.35 -0.46 0.00	30.26 -0.52 0.00	29.34 -0.60 0.00	29.06 -0.53 0.00	29.31 -0.69 0.00	30.25 -0.90 0.00	38.60 -0.51 0.00	45.16 -1.21 0.00	40.99 -1.09 0.00	37.64 -0.89 0.00	30.90 -0.79 0.00	29.62 -1.36 0.00	29.44 -1.07 0.00	26.61 -0.82 0.00

STA_56___34_KV_BUS2 355983	21.13 -0.70 0.00	19.50 -0.79 0.00	18.69 -0.78 0.00	18.54 -0.77 0.00	19.46 -0.79 0.00	21.15 -0.77 0.00	28.78 -0.62 0.00	31.84 -1.09 0.00	31.15 -0.64 0.00	29.37 -0.57 0.00	30.35 -0.46 0.00	30.26 -0.52 0.00	29.34 -0.60 0.00	29.06 -0.53 0.00	29.31 -0.69 0.00	30.25 -0.90 0.00	38.60 -0.51 0.00	45.16 -1.21 0.00	40.99 -1.09 0.00	37.64 -0.89 0.00	30.90 -0.79 0.00	29.62 -1.36 0.00	29.44 -1.07 0.00	26.61 -0.82 0.00
STA_67___115KV_BK2 355882	21.15 -0.68 0.00	19.54 -0.75 0.00	18.71 -0.76 0.00	18.56 -0.75 0.00	19.48 -0.77 0.00	21.17 -0.75 0.00	28.81 -0.59 0.00	31.84 -1.09 0.00	31.18 -0.60 0.00	29.37 -0.57 0.00	30.35 -0.46 0.00	30.29 -0.49 0.00	29.34 -0.60 0.00	29.06 -0.53 0.00	29.31 -0.69 0.00	30.22 -0.93 0.00	38.60 -0.51 0.00	45.16 -1.21 0.00	40.99 -1.09 0.00	37.60 -0.92 0.00	30.94 -0.76 0.00	29.59 -1.39 0.00	29.47 -1.04 0.00	26.66 -0.77 0.00
STA_7___115KV_9TRANS 80674	21.31 -0.52 0.00	19.66 -0.63 0.00	18.83 -0.64 0.00	18.68 -0.64 0.00	19.60 -0.65 0.00	21.30 -0.61 0.00	29.02 -0.38 0.00	32.10 -0.82 0.00	31.43 -0.35 0.00	29.64 -0.30 0.00	30.63 -0.18 0.00	30.53 -0.25 0.00	29.60 -0.33 0.00	29.33 -0.27 0.00	29.58 -0.42 0.00	30.53 -0.62 0.00	38.99 -0.12 0.00	45.63 -0.74 0.00	41.41 -0.67 0.00	37.98 -0.54 0.00	31.22 -0.48 0.00	29.87 -1.12 0.00	29.72 -0.79 0.00	26.86 -0.58 0.00
STA_82___115KV_TB1 80780	21.18 -0.65 0.00	19.54 -0.75 0.00	18.73 -0.74 0.00	18.56 -0.75 0.00	19.50 -0.75 0.00	21.17 -0.75 0.00	28.84 -0.56 0.00	31.87 -1.05 0.00	31.21 -0.57 0.00	29.40 -0.54 0.00	30.38 -0.43 0.00	30.29 -0.49 0.00	29.37 -0.57 0.00	29.09 -0.50 0.00	29.34 -0.66 0.00	30.25 -0.90 0.00	38.64 -0.47 0.00	45.21 -1.16 0.00	41.03 -1.05 0.00	37.64 -0.89 0.00	30.97 -0.73 0.00	29.62 -1.36 0.00	29.50 -1.01 0.00	26.69 -0.74 0.00
STEEL___WIND 323596	20.92 -0.92 0.00	19.30 -0.99 0.00	18.48 -0.99 0.00	18.33 -0.98 0.00	19.22 -1.03 0.00	21.17 -0.75 0.00	28.72 -0.67 0.00	31.38 -1.55 0.00	30.99 -0.79 0.00	29.13 -0.81 0.00	30.10 -0.71 0.00	29.98 -0.80 0.00	29.25 -0.69 0.00	28.88 -0.71 0.00	29.07 -0.93 0.00	30.00 -1.15 0.00	38.29 -0.82 0.00	44.61 -1.76 0.00	40.39 -1.68 0.00	37.10 -1.42 0.00	31.00 -0.70 0.00	29.81 -1.18 0.00	29.08 -1.43 0.00	26.55 -0.88 0.00
STEPHTWN_115KV_BK_2 55603	22.36 0.52 0.00	20.82 0.53 0.00	20.00 0.53 0.00	19.84 0.52 0.00	20.82 0.57 0.00	22.48 0.57 0.00	30.16 0.76 0.00	34.01 1.09 0.00	32.90 1.11 0.00	30.93 0.99 0.00	31.80 0.99 0.00	31.83 1.05 0.00	30.92 0.99 0.00	30.60 1.01 0.00	31.02 1.02 0.00	32.33 1.18 0.00	40.83 1.72 0.00	48.74 2.36 0.00	44.06 1.98 0.00	40.14 1.62 0.00	32.81 1.11 0.00	32.10 1.12 0.00	31.43 0.92 0.00	28.20 0.77 0.00
STEBUBEN_REC_LFGE 323667	21.59 -0.24 0.00	19.90 -0.39 0.00	19.04 -0.43 0.00	18.87 -0.44 0.00	19.83 -0.43 0.00	21.54 -0.37 0.00	29.55 0.15 0.00	32.69 -0.23 0.00	32.07 0.29 0.00	30.15 0.21 0.00	31.18 0.37 0.00	30.96 0.18 0.00	29.96 0.03 0.00	29.80 0.21 0.00	30.06 0.06 0.00	30.99 -0.16 0.00	39.78 0.66 0.00	47.02 0.65 0.00	42.63 0.55 0.00	39.18 0.65 0.00	32.30 0.60 0.00	30.89 -0.09 0.00	30.69 0.18 0.00	27.73 0.30 0.00
STILLWATER___SOLAR 323814	22.62 0.78 0.00	21.02 0.73 0.00	20.17 0.70 0.00	20.01 0.69 0.00	21.04 0.79 0.00	22.75 0.83 0.00	30.63 1.23 0.00	34.47 1.55 0.00	33.37 1.59 0.00	31.32 1.38 0.00	32.23 1.42 0.00	32.23 1.45 0.00	31.34 1.41 0.00	30.98 1.39 0.00	31.44 1.44 0.00	32.77 1.62 0.00	41.42 2.31 0.00	49.48 3.11 0.00	44.69 2.61 0.00	40.72 2.19 0.00	33.47 1.77 0.00	32.51 1.52 0.00	31.89 1.37 0.00	28.61 1.18 0.00
STONY___BROOK 24151	25.34 2.01 -1.51	23.78 1.89 -1.60	23.74 1.85 -2.42	24.04 1.84 -2.88	25.16 1.80 -3.11	27.40 1.82 -3.67	37.76 2.47 -5.89	41.43 3.29 -5.21	38.98 3.02 -4.18	32.79 2.85 0.00	33.46 2.65 0.00	33.49 2.71 0.00	37.68 2.81 -4.93	37.68 2.78 -5.31	39.12 2.88 -6.24	40.69 2.83 -6.70	51.41 4.23 -8.07	66.44 5.33 -14.74	57.01 4.29 -10.64	53.28 4.04 -10.71	44.23 3.04 -9.49	41.50 2.60 -7.91	37.36 2.84 -4.01	32.53 2.58 -2.52
STURGEON_POOL_HYD 23609	22.77 0.94 0.00	21.12 0.83 0.00	20.27 0.80 0.00	20.07 0.75 0.00	21.02 0.77 0.00	22.72 0.81 0.00	30.52 1.12 0.00	34.54 1.61 0.00	33.21 1.43 0.00	31.38 1.44 0.00	32.07 1.26 0.00	32.07 1.29 0.00	31.25 1.32 0.00	30.81 1.21 0.00	31.32 1.32 0.00	32.58 1.43 0.00	41.38 2.27 0.00	49.48 3.11 0.00	44.56 2.48 0.00	40.72 2.20 0.00	33.12 1.43 0.00	32.41 1.43 0.00	31.79 1.28 0.00	28.61 1.18 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	22.70 0.87 0.00	21.08 0.79 0.00	20.23 0.76 0.00	20.03 0.71 0.00	20.98 0.73 0.00	22.68 0.77 0.00	30.46 1.06 0.00	34.54 1.61 0.00	33.25 1.46 0.00	31.38 1.44 0.00	32.10 1.29 0.00	32.10 1.32 0.00	31.28 1.35 0.00	30.84 1.24 0.00	31.35 1.35 0.00	32.58 1.43 0.00	41.38 2.27 0.00	49.48 3.11 0.00	44.48 2.40 0.00	40.72 2.20 0.00	33.12 1.43 0.00	32.38 1.39 0.00	31.79 1.28 0.00	28.61 1.18 0.00
SWANROAD_115KV_TB1 355699	20.22 -1.62 0.00	18.69 -1.60 0.00	17.89 -1.58 0.00	17.73 -1.58 0.00	18.61 -1.64 0.00	20.12 -1.80 0.00	27.55 -1.85 0.00	30.13 -2.80 0.00	29.78 -2.00 0.00	27.99 -1.95 0.00	28.93 -1.88 0.00	28.81 -1.97 0.00	27.90 -2.04 0.00	27.76 -1.83 0.00	27.90 -2.10 0.00	28.47 -2.68 0.00	36.69 -2.42 0.00	42.48 -3.90 0.00	38.59 -3.49 0.00	35.40 -3.12 0.00	29.32 -2.38 0.00	27.83 -3.16 0.00	28.01 -2.50 0.00	25.57 -1.87 0.00
SYNERGY___BIOGAS 323694	21.20 -0.63 0.00	19.54 -0.75 0.00	18.69 -0.78 0.00	18.54 -0.77 0.00	19.48 -0.77 0.00	21.43 -0.48 0.00	29.10 -0.29 0.00	31.87 -1.05 0.00	31.43 -0.35 0.00	29.61 -0.33 0.00	30.60 -0.21 0.00	30.47 -0.31 0.00	29.73 -0.21 0.00	29.30 -0.30 0.00	29.49 -0.51 0.00	30.59 -0.56 0.00	38.99 -0.12 0.00	45.35 -1.02 0.00	41.15 -0.93 0.00	37.83 -0.69 0.00	31.41 -0.29 0.00	30.15 -0.84 0.00	29.38 -1.13 0.00	26.72 -0.71 0.00
SYRACUSE___ENERGY_ST1 323597	21.74 -0.09 0.00	20.15 -0.14 0.00	19.31 -0.16 0.00	19.18 -0.14 0.00	20.11 -0.14 0.00	21.80 -0.11 0.00	29.34 -0.06 0.00	32.69 -0.23 0.00	31.62 -0.16 0.00	29.79 -0.15 0.00	30.78 -0.03 0.00	30.69 -0.09 0.00	29.81 -0.12 0.00	29.50 -0.09 0.00	29.82 -0.18 0.00	30.96 -0.19 0.00	39.19 0.08 0.00	46.51 0.14 0.00	42.08 0.00 0.00	38.52 0.00 0.00	31.60 -0.10 0.00	30.71 -0.28 0.00	30.24 -0.27 0.00	27.24 -0.19 0.00
SYRACUSE___ENERGY_ST2 323598	21.74 -0.09 0.00	20.15 -0.14 0.00	19.31 -0.16 0.00	19.18 -0.14 0.00	20.11 -0.14 0.00	21.80 -0.11 0.00	29.34 -0.06 0.00	32.69 -0.23 0.00	31.62 -0.16 0.00	29.79 -0.15 0.00	30.78 -0.03 0.00	30.69 -0.09 0.00	29.81 -0.12 0.00	29.50 -0.09 0.00	29.82 -0.18 0.00	30.96 -0.19 0.00	39.19 0.08 0.00	46.51 0.14 0.00	42.08 0.00 0.00	38.52 0.00 0.00	31.60 -0.10 0.00	30.71 -0.28 0.00	30.24 -0.27 0.00	27.24 -0.19 0.00

SYRACUSE___POWER 24017	21.70 -0.13 0.00	20.13 -0.16 0.00	19.29 -0.18 0.00	19.14 -0.17 0.00	20.09 -0.16 0.00	21.78 -0.13 0.00	29.31 -0.09 0.00	32.66 -0.26 0.00	31.59 -0.19 0.00	29.76 -0.18 0.00	30.72 -0.09 0.00	30.66 -0.12 0.00	29.75 -0.18 0.00	29.45 -0.15 0.00	29.79 -0.21 0.00	30.93 -0.22 0.00	39.15 0.04 0.00	46.46 0.09 0.00	42.08 0.00 0.00	38.48 -0.04 0.00	31.57 -0.13 0.00	30.65 -0.34 0.00	30.21 -0.31 0.00	27.18 -0.25 0.00
TALLMAN___138KV_BK151 55660	22.81 0.98 0.00	21.16 0.87 0.00	20.33 0.86 0.00	20.11 0.79 0.00	21.06 0.81 0.00	22.77 0.85 0.00	30.57 1.18 0.00	34.77 1.84 0.00	33.47 1.68 0.00	31.59 1.65 0.00	32.29 1.48 0.00	32.29 1.51 0.00	31.46 1.53 0.00	31.01 1.42 0.00	31.53 1.53 0.00	32.77 1.62 0.00	41.61 2.50 0.00	49.85 3.48 0.00	44.73 2.65 0.00	40.95 2.43 0.00	33.28 1.58 0.00	32.57 1.58 0.00	31.98 1.46 0.00	28.75 1.32 0.00
TEALLAVE_115KV_TB7 355573	21.59 -0.24 0.00	20.03 -0.26 0.00	19.20 -0.27 0.00	19.07 -0.25 0.00	19.99 -0.26 0.00	21.67 -0.24 0.00	29.16 -0.24 0.00	32.46 -0.46 0.00	31.40 -0.38 0.00	29.58 -0.36 0.00	30.56 -0.25 0.00	30.47 -0.31 0.00	29.60 -0.33 0.00	29.30 -0.30 0.00	29.61 -0.39 0.00	30.75 -0.40 0.00	38.88 -0.23 0.00	46.14 -0.23 0.00	41.78 -0.29 0.00	38.21 -0.31 0.00	31.35 -0.35 0.00	30.46 -0.53 0.00	29.99 -0.52 0.00	27.02 -0.41 0.00
TELGRAPH_34_KV_EAST 80808	20.81 -1.03 0.00	19.19 -1.10 0.00	18.38 -1.09 0.00	18.22 -1.10 0.00	19.14 -1.11 0.00	20.73 -1.18 0.00	28.46 -0.94 0.00	31.18 -1.75 0.00	30.80 -0.99 0.00	28.98 -0.96 0.00	29.95 -0.86 0.00	29.86 -0.92 0.00	28.92 -1.02 0.00	28.74 -0.86 0.00	28.89 -1.11 0.00	29.59 -1.56 0.00	38.09 -1.02 0.00	44.24 -2.13 0.00	40.14 -1.94 0.00	36.87 -1.66 0.00	30.43 -1.27 0.00	28.85 -2.14 0.00	28.95 -1.56 0.00	26.33 -1.10 0.00
TEMPLE___115KV_TB 2 55572	21.61 -0.22 0.00	20.05 -0.24 0.00	19.22 -0.25 0.00	19.07 -0.25 0.00	20.01 -0.24 0.00	21.67 -0.24 0.00	29.16 -0.24 0.00	32.50 -0.43 0.00	31.43 -0.35 0.00	29.61 -0.33 0.00	30.60 -0.22 0.00	30.50 -0.28 0.00	29.63 -0.30 0.00	29.33 -0.27 0.00	29.64 -0.36 0.00	30.78 -0.37 0.00	38.92 -0.20 0.00	46.18 -0.19 0.00	41.83 -0.25 0.00	38.25 -0.27 0.00	31.38 -0.32 0.00	30.46 -0.53 0.00	30.02 -0.49 0.00	27.05 -0.38 0.00
TIANA____69_KV_BK 1 55817	25.56 2.23 -1.51	23.94 2.05 -1.60	23.86 1.97 -2.42	24.13 1.93 -2.89	25.35 1.98 -3.11	27.69 2.10 -3.67	37.96 2.68 -5.89	41.76 3.62 -5.21	39.20 3.24 -4.18	32.96 3.02 0.00	33.65 2.83 0.00	33.64 2.86 0.00	37.80 2.93 -4.93	37.72 2.81 -5.31	39.21 2.97 -6.24	40.93 3.08 -6.70	51.57 4.38 -8.07	66.76 5.66 -14.74	57.30 4.59 -10.64	53.47 4.24 -10.71	44.23 3.04 -9.49	41.81 2.91 -7.91	37.30 2.78 -4.01	32.58 2.63 -2.52
TILDEN___115KV_TB1 80814	21.70 -0.13 0.00	20.13 -0.16 0.00	19.29 -0.18 0.00	19.14 -0.17 0.00	20.09 -0.16 0.00	21.78 -0.13 0.00	29.31 -0.09 0.00	32.66 -0.26 0.00	31.59 -0.19 0.00	29.76 -0.18 0.00	30.72 -0.09 0.00	30.66 -0.12 0.00	29.75 -0.18 0.00	29.45 -0.15 0.00	29.79 -0.21 0.00	30.93 -0.22 0.00	39.15 0.04 0.00	46.46 0.09 0.00	42.08 0.00 0.00	38.48 -0.04 0.00	31.57 -0.13 0.00	30.65 -0.34 0.00	30.21 -0.31 0.00	27.18 -0.25 0.00
TRIGEN___CC 323695	24.80 1.46 -1.51	23.11 1.30 -1.52	23.07 1.27 -2.34	23.34 1.22 -2.80	24.51 1.24 -3.03	26.90 1.31 -3.67	37.11 1.82 -5.89	40.77 2.63 -5.21	38.41 2.45 -4.18	32.28 2.34 0.00	32.97 2.16 0.00	33.03 2.25 0.00	37.17 2.30 -4.93	37.09 2.19 -5.31	38.55 2.31 -6.24	40.28 2.43 -6.70	50.70 3.52 -8.07	65.74 4.64 -14.74	56.42 3.70 -10.64	52.63 3.39 -10.71	43.53 2.35 -9.49	41.19 2.29 -7.91	36.69 2.17 -4.01	31.90 1.95 -2.52
TRINITY___115KV___4 BK 55933	22.07 0.24 0.00	20.57 0.28 0.00	19.76 0.29 0.00	19.61 0.29 0.00	20.58 0.32 0.00	22.20 0.28 0.00	29.69 0.29 0.00	33.45 0.53 0.00	32.32 0.54 0.00	30.42 0.48 0.00	31.24 0.43 0.00	31.27 0.49 0.00	30.44 0.51 0.00	30.10 0.50 0.00	30.51 0.51 0.00	31.80 0.65 0.00	40.13 1.02 0.00	47.85 1.48 0.00	43.30 1.22 0.00	39.49 0.96 0.00	32.27 0.57 0.00	31.61 0.62 0.00	30.97 0.46 0.00	27.79 0.36 0.00
UNION___PROCESSING_DRP 323587	21.18 -0.65 0.00	19.56 -0.73 0.00	18.73 -0.74 0.00	18.58 -0.73 0.00	19.50 -0.75 0.00	21.19 -0.72 0.00	28.84 -0.56 0.00	31.87 -1.05 0.00	31.21 -0.57 0.00	29.40 -0.54 0.00	30.41 -0.40 0.00	30.32 -0.46 0.00	29.37 -0.57 0.00	29.12 -0.47 0.00	29.34 -0.66 0.00	30.28 -0.87 0.00	38.64 -0.47 0.00	45.21 -1.16 0.00	41.03 -1.05 0.00	37.64 -0.89 0.00	30.97 -0.73 0.00	29.62 -1.36 0.00	29.50 -1.01 0.00	26.69 -0.74 0.00
UPPER HUDSON___HYD 24058	22.55 0.72 0.00	20.94 0.65 0.00	20.07 0.60 0.00	19.92 0.60 0.00	20.96 0.71 0.00	22.73 0.81 0.00	30.63 1.23 0.00	34.54 1.61 0.00	33.50 1.72 0.00	31.41 1.47 0.00	32.32 1.51 0.00	32.32 1.54 0.00	31.40 1.47 0.00	31.07 1.48 0.00	31.53 1.53 0.00	32.86 1.71 0.00	41.62 2.51 0.00	49.71 3.34 0.00	44.90 2.82 0.00	40.87 2.35 0.00	33.57 1.87 0.00	32.54 1.55 0.00	31.85 1.34 0.00	28.56 1.13 0.00
UPPER RAQUET___HYD 24056	21.53 -0.31 0.00	20.07 -0.22 0.00	19.26 -0.21 0.00	19.14 -0.17 0.00	20.03 -0.22 0.00	21.61 -0.31 0.00	28.75 -0.65 0.00	31.94 -0.99 0.00	30.74 -1.05 0.00	29.07 -0.87 0.00	29.95 -0.86 0.00	30.07 -0.71 0.00	29.19 -0.75 0.00	28.91 -0.68 0.00	29.40 -0.60 0.00	30.37 -0.78 0.00	37.47 -1.64 0.00	44.24 -2.13 0.00	40.44 -1.64 0.00	37.21 -1.31 0.00	30.68 -1.02 0.00	30.31 -0.68 0.00	30.02 -0.49 0.00	26.99 -0.44 0.00
VALLEY44_115KV_TB2 355964	21.44 -0.39 0.00	19.80 -0.49 0.00	18.94 -0.53 0.00	18.76 -0.56 0.00	19.69 -0.57 0.00	21.37 -0.55 0.00	29.31 -0.09 0.00	32.27 -0.66 0.00	31.72 -0.06 0.00	29.76 -0.18 0.00	30.72 -0.09 0.00	30.60 -0.18 0.00	29.63 -0.30 0.00	29.39 -0.21 0.00	29.61 -0.39 0.00	30.34 -0.81 0.00	39.11 0.00 0.00	45.81 -0.56 0.00	41.28 -0.80 0.00	38.02 -0.50 0.00	31.35 -0.35 0.00	30.00 -0.99 0.00	29.96 -0.55 0.00	27.21 -0.22 0.00
VALLEY___115KV_TB 1-4 80826	22.20 0.37 0.00	20.66 0.37 0.00	19.82 0.35 0.00	19.66 0.35 0.00	20.64 0.38 0.00	22.35 0.44 0.00	29.96 0.56 0.00	33.55 0.63 0.00	32.32 0.54 0.00	30.39 0.45 0.00	31.24 0.43 0.00	31.15 0.37 0.00	30.32 0.39 0.00	29.98 0.38 0.00	30.42 0.42 0.00	31.62 0.47 0.00	39.85 0.74 0.00	47.34 0.97 0.00	42.92 0.84 0.00	39.29 0.77 0.00	32.24 0.54 0.00	31.51 0.53 0.00	31.09 0.58 0.00	27.95 0.52 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	23.12 1.29 0.00	21.49 1.20 0.00	20.56 1.09 0.00	20.42 1.10 0.00	21.43 1.17 0.00	23.27 1.36 0.00	31.34 1.94 0.00	35.36 2.44 0.00	34.17 2.38 0.00	32.19 2.25 0.00	33.09 2.28 0.00	32.97 2.19 0.00	32.03 2.10 0.00	31.66 2.07 0.00	32.19 2.19 0.00	33.52 2.37 0.00	42.47 3.36 0.00	50.54 4.17 0.00	45.74 3.66 0.00	41.91 3.39 0.00	34.23 2.54 0.00	33.31 2.32 0.00	32.77 2.26 0.00	29.35 1.92 0.00

VISCHER___FERRY HYD 24020	22.38 0.55 0.00	20.84 0.55 0.00	20.00 0.53 0.00	19.82 0.50 0.00	20.84 0.59 0.00	22.48 0.57 0.00	30.22 0.82 0.00	34.04 1.12 0.00	32.86 1.08 0.00	30.90 0.96 0.00	31.73 0.92 0.00	31.76 0.98 0.00	30.89 0.96 0.00	30.54 0.95 0.00	31.02 1.02 0.00	32.30 1.15 0.00	40.79 1.68 0.00	48.69 2.32 0.00	44.06 1.98 0.00	40.14 1.62 0.00	33.00 1.30 0.00	32.07 1.08 0.00	31.49 0.98 0.00	28.25 0.82 0.00
V_A_10_SYNC_DSASP 323832	20.54 -1.29 0.00	18.97 -1.32 0.00	18.18 -1.29 0.00	18.02 -1.29 0.00	18.92 -1.34 0.00	20.80 -1.12 0.00	28.11 -1.29 0.00	30.75 -2.17 0.00	30.26 -1.53 0.00	28.50 -1.44 0.00	29.42 -1.39 0.00	29.33 -1.45 0.00	28.56 -1.38 0.00	28.20 -1.39 0.00	28.38 -1.62 0.00	29.38 -1.77 0.00	37.31 -1.80 0.00	43.40 -2.97 0.00	39.39 -2.69 0.00	36.13 -2.39 0.00	30.11 -1.58 0.00	29.07 -1.92 0.00	28.37 -2.14 0.00	25.84 -1.59 0.00
V_CMM_10_SYNC_DSASP 323787	21.77 -0.07 0.00	20.27 -0.02 0.00	19.47 0.00 0.00	19.32 0.00 0.00	20.23 -0.02 0.00	21.85 -0.07 0.00	29.25 -0.15 0.00	32.63 -0.30 0.00	31.47 -0.32 0.00	29.64 -0.30 0.00	30.50 -0.31 0.00	30.50 -0.28 0.00	29.63 -0.30 0.00	29.30 -0.30 0.00	29.73 -0.27 0.00	30.81 -0.34 0.00	38.17 -0.94 0.00	45.02 -1.35 0.00	41.11 -0.97 0.00	37.79 -0.73 0.00	31.16 -0.54 0.00	30.83 -0.15 0.00	30.42 -0.09 0.00	27.38 -0.05 0.00
V_CMP_10_SYNC_DSASP 323788	22.07 0.24 0.00	20.74 0.45 0.00	20.00 0.53 0.00	19.90 0.58 0.00	20.68 0.43 0.00	22.40 0.48 0.00	29.52 0.12 0.00	32.76 -0.16 0.00	31.34 -0.45 0.00	29.13 -0.81 0.00	29.98 -0.83 0.00	29.86 -0.92 0.00	28.89 -1.05 0.00	28.56 -1.04 0.00	29.04 -0.96 0.00	30.28 -0.87 0.00	37.62 -1.49 0.00	43.77 -2.60 0.00	40.19 -1.89 0.00	37.83 -0.69 0.00	31.41 -0.29 0.00	31.21 0.22 0.00	30.78 0.27 0.00	28.12 0.69 0.00
V_D_10_SYNC_DSASP 323841	21.92 0.09 0.00	20.41 0.12 0.00	19.61 0.14 0.00	19.45 0.14 0.00	20.37 0.12 0.00	22.00 0.09 0.00	29.43 0.03 0.00	32.70 -0.23 0.00	31.53 -0.26 0.00	29.79 -0.15 0.00	30.72 -0.09 0.00	30.72 -0.06 0.00	29.84 -0.09 0.00	29.50 -0.09 0.00	29.94 -0.06 0.00	30.93 -0.22 0.00	38.29 -0.82 0.00	45.16 -1.21 0.00	41.28 -0.80 0.00	37.95 -0.58 0.00	31.32 -0.38 0.00	30.96 -0.03 0.00	30.63 0.12 0.00	27.57 0.14 0.00
V_E_10_SYNC_DSASP 323830	23.62 1.79 0.00	21.97 1.68 0.00	20.95 1.48 0.00	20.82 1.51 0.00	21.87 1.62 0.00	23.93 2.01 0.00	32.31 2.91 0.00	36.18 3.26 0.00	34.90 3.12 0.00	32.75 2.81 0.00	33.68 2.87 0.00	33.39 2.61 0.00	32.54 2.60 0.00	32.26 2.66 0.00	32.82 2.82 0.00	34.39 3.24 0.00	43.84 4.73 0.00	52.35 5.98 0.00	47.38 5.30 0.00	43.45 4.93 0.00	35.66 3.96 0.00	34.40 3.41 0.00	33.74 3.23 0.00	30.17 2.74 0.00
V_F_30_NSYNC___DSASP 323816	22.66 0.83 0.00	21.06 0.77 0.00	20.19 0.72 0.00	20.03 0.72 0.00	21.06 0.81 0.00	22.79 0.88 0.00	30.66 1.26 0.00	34.54 1.61 0.00	33.43 1.65 0.00	31.38 1.44 0.00	32.29 1.48 0.00	32.29 1.51 0.00	31.37 1.44 0.00	31.04 1.45 0.00	31.50 1.50 0.00	32.83 1.68 0.00	41.50 2.39 0.00	49.53 3.15 0.00	44.77 2.70 0.00	40.79 2.27 0.00	33.50 1.81 0.00	32.54 1.55 0.00	31.95 1.43 0.00	28.67 1.24 0.00
V_F_30_SYNC_DSASP 323786	22.14 0.31 0.00	20.63 0.34 0.00	19.80 0.33 0.00	19.66 0.35 0.00	20.62 0.36 0.00	22.26 0.35 0.00	29.81 0.41 0.00	33.58 0.66 0.00	32.45 0.67 0.00	30.54 0.60 0.00	31.37 0.55 0.00	31.40 0.62 0.00	30.56 0.63 0.00	30.21 0.62 0.00	30.63 0.63 0.00	31.93 0.78 0.00	40.28 1.17 0.00	48.09 1.72 0.00	43.47 1.39 0.00	39.60 1.08 0.00	32.36 0.67 0.00	31.70 0.71 0.00	31.06 0.55 0.00	27.90 0.47 0.00
V_XM_10_SYNC_DSASP 323789	22.07 0.24 0.00	20.74 0.45 0.00	20.00 0.53 0.00	19.90 0.58 0.00	20.68 0.43 0.00	22.40 0.48 0.00	29.52 0.12 0.00	32.76 -0.16 0.00	31.34 -0.45 0.00	29.13 -0.81 0.00	29.98 -0.83 0.00	29.86 -0.92 0.00	28.89 -1.05 0.00	28.56 -1.04 0.00	29.04 -0.96 0.00	30.28 -0.87 0.00	37.62 -1.49 0.00	43.77 -2.60 0.00	40.19 -1.89 0.00	37.83 -0.69 0.00	31.41 -0.29 0.00	31.21 0.22 0.00	30.78 0.27 0.00	28.12 0.69 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	22.88 1.05 0.00	21.22 0.93 0.00	20.38 0.92 0.00	20.17 0.85 0.00	21.12 0.87 0.00	22.83 0.92 0.00	30.69 1.29 0.00	34.87 1.94 0.00	33.56 1.78 0.00	31.68 1.74 0.00	32.38 1.57 0.00	32.38 1.60 0.00	31.55 1.62 0.00	31.10 1.51 0.00	31.62 1.62 0.00	32.89 1.74 0.00	41.77 2.66 0.00	49.99 3.62 0.00	44.90 2.82 0.00	41.10 2.58 0.00	33.41 1.71 0.00	32.66 1.67 0.00	32.07 1.56 0.00	28.83 1.40 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	23.01 1.18 0.00	21.32 1.03 0.00	20.50 1.03 0.00	20.28 0.97 0.00	21.22 0.97 0.00	22.92 1.01 0.00	30.81 1.41 0.00	35.16 2.24 0.00	33.79 2.00 0.00	31.95 2.01 0.00	32.63 1.82 0.00	32.63 1.85 0.00	31.85 1.92 0.00	31.37 1.78 0.00	31.92 1.92 0.00	33.14 1.99 0.00	42.08 2.97 0.00	50.36 3.99 0.00	45.15 3.07 0.00	41.37 2.85 0.00	33.57 1.87 0.00	32.85 1.86 0.00	32.28 1.77 0.00	29.05 1.62 0.00
W50THST__13_KV_LOAD 356117	23.08 1.24 0.00	21.39 1.10 0.00	20.56 1.09 0.00	20.34 1.02 0.00	21.29 1.03 0.00	22.99 1.07 0.00	30.93 1.53 0.00	35.33 2.40 0.00	33.94 2.16 0.00	32.10 2.16 0.00	32.78 1.97 0.00	32.78 2.00 0.00	32.00 2.07 0.00	31.52 1.92 0.00	32.07 2.07 0.00	33.30 2.15 0.00	42.32 3.21 0.00	50.59 4.22 0.00	45.36 3.28 0.00	41.53 3.00 0.00	33.69 2.00 0.00	32.97 1.98 0.00	32.40 1.89 0.00	29.13 1.70 0.00
WADING RIVER_IC_1 23522	25.37 2.03 -1.51	23.76 1.87 -1.60	23.68 1.79 -2.42	23.96 1.76 -2.89	25.14 1.78 -3.11	27.40 1.82 -3.67	37.58 2.29 -5.89	41.33 3.19 -5.21	38.82 2.86 -4.18	32.60 2.66 0.00	33.28 2.47 0.00	33.27 2.49 0.00	37.38 2.51 -4.93	37.39 2.49 -5.31	38.88 2.64 -6.24	40.47 2.62 -6.70	51.06 3.87 -8.07	66.16 5.06 -14.74	56.72 4.00 -10.64	52.97 3.74 -10.71	43.95 2.76 -9.49	41.25 2.35 -7.91	37.03 2.50 -4.01	32.31 2.36 -2.52
WADING RIVER_IC_2 23547	25.37 2.03 -1.51	23.76 1.87 -1.60	23.68 1.79 -2.42	23.96 1.76 -2.89	25.14 1.78 -3.11	27.40 1.82 -3.67	37.58 2.29 -5.89	41.33 3.19 -5.21	38.82 2.86 -4.18	32.60 2.66 0.00	33.28 2.47 0.00	33.27 2.49 0.00	37.38 2.51 -4.93	37.39 2.49 -5.31	38.88 2.64 -6.24	40.47 2.62 -6.70	51.06 3.87 -8.07	66.16 5.06 -14.74	56.72 4.00 -10.64	52.97 3.74 -10.71	43.95 2.76 -9.49	41.25 2.35 -7.91	37.03 2.50 -4.01	32.31 2.36 -2.52
WADING RIVER_IC_3 23601	25.37 2.03 -1.51	23.76 1.87 -1.60	23.68 1.79 -2.42	23.96 1.76 -2.89	25.14 1.78 -3.11	27.40 1.82 -3.67	37.58 2.29 -5.89	41.33 3.19 -5.21	38.82 2.86 -4.18	32.60 2.66 0.00	33.28 2.47 0.00	33.27 2.49 0.00	37.38 2.51 -4.93	37.39 2.49 -5.31	38.88 2.64 -6.24	40.47 2.62 -6.70	51.06 3.87 -8.07	66.16 5.06 -14.74	56.72 4.00 -10.64	52.97 3.74 -10.71	43.95 2.76 -9.49	41.25 2.35 -7.91	37.03 2.50 -4.01	32.31 2.36 -2.52

WALDENNY_12_KV_BK2 80841	20.89 -0.94 0.00	19.28 -1.01 0.00	18.46 -1.01 0.00	18.29 -1.02 0.00	19.20 -1.05 0.00	20.82 -1.10 0.00	28.58 -0.82 0.00	31.34 -1.58 0.00	30.93 -0.86 0.00	29.10 -0.84 0.00	30.07 -0.74 0.00	29.95 -0.83 0.00	29.04 -0.90 0.00	28.85 -0.74 0.00	29.04 -0.96 0.00	29.66 -1.50 0.00	38.25 -0.86 0.00	44.52 -1.85 0.00	40.31 -1.77 0.00	37.02 -1.50 0.00	30.62 -1.08 0.00	29.10 -1.89 0.00	29.17 -1.34 0.00	26.55 -0.88 0.00
WALDEN___HYDRO 24148	22.84 1.00 0.00	21.18 0.89 0.00	20.33 0.86 0.00	20.13 0.81 0.00	21.08 0.83 0.00	22.75 0.83 0.00	30.60 1.21 0.00	34.67 1.74 0.00	33.21 1.43 0.00	31.53 1.59 0.00	32.23 1.42 0.00	32.23 1.45 0.00	31.34 1.41 0.00	30.96 1.36 0.00	31.47 1.47 0.00	32.71 1.56 0.00	41.62 2.51 0.00	49.85 3.48 0.00	44.86 2.78 0.00	41.03 2.50 0.00	33.53 1.84 0.00	32.44 1.46 0.00	32.04 1.52 0.00	28.80 1.37 0.00
WARRENSBURG___ 23737	22.55 0.72 0.00	20.94 0.65 0.00	20.07 0.60 0.00	19.92 0.60 0.00	20.96 0.71 0.00	22.73 0.81 0.00	30.63 1.23 0.00	34.54 1.61 0.00	33.50 1.72 0.00	31.41 1.47 0.00	32.32 1.51 0.00	32.32 1.54 0.00	31.40 1.47 0.00	31.07 1.48 0.00	31.53 1.53 0.00	32.86 1.71 0.00	41.62 2.51 0.00	49.71 3.34 0.00	44.90 2.82 0.00	40.87 2.35 0.00	33.57 1.87 0.00	32.54 1.55 0.00	31.85 1.34 0.00	28.56 1.13 0.00
WATERSIDE___6 8 9 23538	23.10 1.27 0.00	21.39 1.10 0.00	20.56 1.09 0.00	20.34 1.02 0.00	21.27 1.01 0.00	22.94 1.03 0.00	30.75 1.35 0.00	35.06 2.14 0.00	33.72 1.94 0.00	31.92 1.98 0.00	32.60 1.79 0.00	32.60 1.82 0.00	31.79 1.86 0.00	31.37 1.78 0.00	31.89 1.89 0.00	33.08 1.93 0.00	42.01 2.89 0.00	50.22 3.85 0.00	45.07 2.99 0.00	41.26 2.74 0.00	33.47 1.78 0.00	32.75 1.77 0.00	32.28 1.77 0.00	29.19 1.76 -0.01
WATKINRD_115KV_LN8_ILLION 55919	22.14 0.31 0.00	20.59 0.30 0.00	19.76 0.29 0.00	19.61 0.29 0.00	20.56 0.30 0.00	22.26 0.35 0.00	29.87 0.47 0.00	33.45 0.53 0.00	32.29 0.51 0.00	30.39 0.45 0.00	31.24 0.43 0.00	31.18 0.40 0.00	30.35 0.42 0.00	30.01 0.41 0.00	30.45 0.45 0.00	31.68 0.53 0.00	39.89 0.78 0.00	47.39 1.02 0.00	42.96 0.88 0.00	39.29 0.77 0.00	32.24 0.54 0.00	31.51 0.53 0.00	31.06 0.55 0.00	27.90 0.47 0.00
WATSON___69_KV_BK 1 55734	25.59 2.25 -1.51	23.94 2.05 -1.60	23.87 1.99 -2.41	24.11 1.91 -2.88	25.36 2.01 -3.10	27.75 2.17 -3.67	38.26 2.97 -5.89	41.96 3.82 -5.21	39.49 3.53 -4.18	33.23 3.29 0.00	33.92 3.11 0.00	34.04 3.26 0.00	38.16 3.29 -4.93	38.10 3.20 -5.31	39.60 3.36 -6.24	41.34 3.49 -6.70	52.15 4.97 -8.07	67.50 6.40 -14.74	57.93 5.22 -10.64	54.05 4.82 -10.71	44.77 3.58 -9.49	42.27 3.38 -7.91	37.76 3.23 -4.01	32.88 2.94 -2.52
WDELAWARE___HYD 323627	22.88 1.05 0.00	21.22 0.93 0.00	20.35 0.88 0.00	20.15 0.83 0.00	21.10 0.85 0.00	22.79 0.88 0.00	30.72 1.32 0.00	34.70 1.78 0.00	33.37 1.59 0.00	31.53 1.59 0.00	32.23 1.42 0.00	32.20 1.42 0.00	31.31 1.38 0.00	30.93 1.33 0.00	31.44 1.44 0.00	32.71 1.56 0.00	41.69 2.58 0.00	49.94 3.57 0.00	44.98 2.90 0.00	41.10 2.58 0.00	33.63 1.93 0.00	32.51 1.52 0.00	32.07 1.56 0.00	28.83 1.40 0.00
WEST BABYLON___IC 23714	25.43 2.10 -1.51	23.79 1.91 -1.59	23.73 1.85 -2.41	23.99 1.80 -2.87	25.19 1.84 -3.10	27.55 1.97 -3.67	37.99 2.70 -5.89	41.66 3.52 -5.21	39.27 3.31 -4.18	33.05 3.11 0.00	33.74 2.93 0.00	33.86 3.08 0.00	37.95 3.08 -4.93	37.89 2.99 -5.31	39.36 3.12 -6.24	41.09 3.24 -6.70	51.84 4.65 -8.07	67.09 5.98 -14.74	57.60 4.88 -10.64	53.70 4.47 -10.71	44.49 3.30 -9.49	41.99 3.10 -7.91	37.51 2.99 -4.01	32.67 2.72 -2.52
WEST CANADA___HYD 24049	21.92 0.09 0.00	20.39 0.10 0.00	19.55 0.08 0.00	19.39 0.08 0.00	20.35 0.10 0.00	22.02 0.11 0.00	29.52 0.12 0.00	33.12 0.20 0.00	31.98 0.19 0.00	30.12 0.18 0.00	31.00 0.19 0.00	30.97 0.19 0.00	30.15 0.21 0.00	29.80 0.21 0.00	30.21 0.21 0.00	31.40 0.25 0.00	39.54 0.43 0.00	46.97 0.60 0.00	42.59 0.51 0.00	38.95 0.42 0.00	32.01 0.32 0.00	31.21 0.22 0.00	30.73 0.22 0.00	27.62 0.19 0.00
WESTERN_NY_WIND 24143	21.15 -0.68 0.00	19.50 -0.79 0.00	18.67 -0.80 0.00	18.51 -0.81 0.00	19.44 -0.81 0.00	21.10 -0.81 0.00	28.96 -0.44 0.00	31.81 -1.12 0.00	31.37 -0.41 0.00	29.55 -0.39 0.00	30.53 -0.28 0.00	30.41 -0.37 0.00	29.46 -0.48 0.00	29.24 -0.36 0.00	29.43 -0.57 0.00	30.22 -0.93 0.00	38.88 -0.23 0.00	45.21 -1.16 0.00	41.03 -1.05 0.00	37.71 -0.81 0.00	31.06 -0.63 0.00	29.44 -1.55 0.00	29.47 -1.04 0.00	26.77 -0.66 0.00
WESTOVER___LESR 323668	21.96 0.13 0.00	20.35 0.06 0.00	19.51 0.04 0.00	19.34 0.02 0.00	20.29 0.04 0.00	21.98 0.07 0.00	29.72 0.32 0.00	33.35 0.43 0.00	32.36 0.57 0.00	30.45 0.51 0.00	31.37 0.55 0.00	31.27 0.49 0.00	30.38 0.45 0.00	30.07 0.47 0.00	30.42 0.42 0.00	31.56 0.40 0.00	40.05 0.94 0.00	47.53 1.16 0.00	42.96 0.88 0.00	39.37 0.85 0.00	32.27 0.57 0.00	31.30 0.31 0.00	30.88 0.37 0.00	27.82 0.38 0.00
WETHRSFD_WT_PWR 323626	20.83 -1.00 0.00	19.19 -1.10 0.00	18.36 -1.11 0.00	18.20 -1.12 0.00	19.10 -1.15 0.00	20.97 -0.94 0.00	28.46 -0.94 0.00	31.25 -1.68 0.00	30.74 -1.05 0.00	28.95 -0.99 0.00	29.92 -0.89 0.00	29.79 -0.99 0.00	29.04 -0.90 0.00	28.73 -0.86 0.00	29.01 -0.99 0.00	30.00 -1.15 0.00	38.29 -0.82 0.00	44.88 -1.49 0.00	40.65 -1.43 0.00	37.37 -1.15 0.00	31.13 -0.57 0.00	29.97 -1.02 0.00	29.29 -1.22 0.00	26.63 -0.80 0.00
WHAVSTOR_138KV_BK127 55557	22.79 0.96 0.00	21.16 0.87 0.00	20.33 0.86 0.00	20.11 0.79 0.00	21.06 0.81 0.00	22.77 0.85 0.00	30.57 1.18 0.00	34.77 1.84 0.00	33.47 1.68 0.00	31.59 1.65 0.00	32.29 1.48 0.00	32.29 1.51 0.00	31.46 1.53 0.00	31.01 1.42 0.00	31.53 1.53 0.00	32.77 1.62 0.00	41.61 2.50 0.00	49.80 3.43 0.00	44.73 2.65 0.00	40.95 2.43 0.00	33.28 1.58 0.00	32.54 1.55 0.00	31.95 1.43 0.00	28.72 1.29 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	22.79 0.96 0.00	21.16 0.87 0.00	20.33 0.86 0.00	20.11 0.79 0.00	21.06 0.81 0.00	22.77 0.85 0.00	30.57 1.18 0.00	34.77 1.84 0.00	33.47 1.68 0.00	31.59 1.65 0.00	32.29 1.48 0.00	32.29 1.51 0.00	31.46 1.53 0.00	31.01 1.42 0.00	31.53 1.53 0.00	32.77 1.62 0.00	41.61 2.50 0.00	49.80 3.43 0.00	44.73 2.65 0.00	40.95 2.43 0.00	33.28 1.58 0.00	32.54 1.55 0.00	31.95 1.43 0.00	28.72 1.29 0.00
WHITEHAL_115KV_TB1 80871	22.79 0.96 0.00	21.14 0.85 0.00	20.25 0.78 0.00	20.09 0.77 0.00	21.16 0.91 0.00	23.01 1.10 0.00	31.07 1.68 0.00	35.03 2.11 0.00	34.04 2.26 0.00	31.86 1.92 0.00	32.78 1.97 0.00	32.78 2.00 0.00	31.82 1.89 0.00	31.52 1.92 0.00	31.98 1.98 0.00	33.42 2.27 0.00	42.32 3.21 0.00	50.64 4.27 0.00	45.66 3.58 0.00	41.53 3.00 0.00	33.95 2.25 0.00	33.03 2.05 0.00	32.22 1.71 0.00	28.86 1.43 0.00

WHITEPLN_13_KV_LOAD 356215	23.10 1.27 0.00	21.41 1.12 0.00	20.56 1.09 0.00	20.34 1.02 0.00	21.31 1.05 0.00	23.05 1.14 0.00	30.99 1.59 0.00	35.36 2.44 0.00	34.04 2.26 0.00	32.19 2.25 0.00	32.88 2.06 0.00	32.90 2.12 0.00	32.06 2.13 0.00	31.61 2.01 0.00	32.10 2.10 0.00	33.39 2.24 0.00	42.51 3.40 0.00	50.87 4.50 0.00	45.66 3.58 0.00	41.76 3.24 0.00	33.85 2.16 0.00	33.06 2.08 0.00	32.46 1.95 0.00	29.13 1.70 0.00
WM_FLOYD_69_KV_BK2 356380	25.41 2.07 -1.51	23.80 1.91 -1.60	23.72 1.83 -2.42	23.98 1.78 -2.88	25.20 1.84 -3.11	27.53 1.95 -3.67	37.76 2.47 -5.89	41.50 3.36 -5.21	38.98 3.02 -4.18	32.78 2.84 0.00	33.46 2.65 0.00	33.46 2.68 0.00	37.62 2.75 -4.93	37.54 2.63 -5.31	39.06 2.82 -6.24	40.75 2.90 -6.70	51.33 4.15 -8.07	66.48 5.38 -14.74	57.01 4.29 -10.64	53.24 4.01 -10.71	44.04 2.85 -9.49	41.62 2.73 -7.91	37.15 2.62 -4.01	32.42 2.47 -2.52
WOODARD__115KV_TB2 355635	21.57 -0.26 0.00	20.01 -0.28 0.00	19.18 -0.29 0.00	19.03 -0.29 0.00	19.95 -0.30 0.00	21.63 -0.28 0.00	29.07 -0.32 0.00	32.40 -0.53 0.00	31.34 -0.44 0.00	29.52 -0.42 0.00	30.50 -0.31 0.00	30.41 -0.37 0.00	29.54 -0.39 0.00	29.24 -0.36 0.00	29.55 -0.45 0.00	30.68 -0.47 0.00	38.80 -0.31 0.00	46.05 -0.32 0.00	41.70 -0.38 0.00	38.14 -0.39 0.00	31.29 -0.41 0.00	30.40 -0.59 0.00	29.96 -0.55 0.00	26.99 -0.44 0.00
YORK___WARBASSE 23770	23.47 1.64 0.00	21.73 1.44 0.00	20.89 1.42 0.00	20.67 1.35 0.00	21.61 1.36 0.00	23.08 1.16 0.00	30.72 1.32 0.00	34.83 1.91 0.00	33.56 1.78 0.00	31.77 1.83 0.00	32.41 1.60 0.00	32.41 1.63 0.00	31.64 1.71 0.00	31.22 1.63 0.00	31.74 1.74 0.00	32.89 1.74 0.00	41.97 2.86 0.00	50.31 3.94 0.00	45.15 3.07 0.00	41.33 2.81 0.00	33.35 1.65 0.00	32.60 1.61 0.00	32.43 1.92 0.00	29.41 1.98 -0.01