

# Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

03/18/2024

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	19.82	18.72	18.43	18.48	19.02	21.05	29.03	32.64	31.09	24.38	22.91	22.09	21.02	20.79	20.79	21.91	27.06	30.11	33.05	37.27	36.83	30.68	27.30	24.14
24138	1.03	0.82	0.76	0.73	0.80	1.06	1.64	2.19	2.06	1.60	1.50	1.41	1.30	1.29	1.27	1.36	1.68	2.04	2.50	2.82	2.88	1.79	1.42	1.11
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-0.02	-0.24	-0.02	-0.02	-0.02	-0.01	0.00	0.00	-2.32	-0.85	-0.05	-0.02	-0.02	0.00	0.00	0.00
74TH STREET_GT_1	19.84	18.75	18.43	18.50	19.06	21.07	29.03	32.58	31.06	24.40	22.93	22.04	21.00	20.77	20.77	21.89	27.01	30.08	33.05	37.27	36.83	30.68	27.30	24.17
24260	1.05	0.86	0.76	0.75	0.84	1.08	1.64	2.13	2.03	1.62	1.52	1.36	1.28	1.27	1.25	1.34	1.71	2.04	2.50	2.82	2.88	1.79	1.42	1.13
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.23	-0.02	-0.02	-0.02	-0.02	-0.01	0.00	0.00	-2.24	-0.82	-0.05	-0.02	-0.02	0.00	0.00
74TH STREET_GT_2	19.84	18.75	18.43	18.50	19.06	21.07	29.03	32.58	31.06	24.40	22.93	22.04	21.00	20.77	20.77	21.89	27.01	30.08	33.05	37.27	36.83	30.68	27.30	24.17
24261	1.05	0.86	0.76	0.75	0.84	1.08	1.64	2.13	2.03	1.62	1.52	1.36	1.28	1.27	1.25	1.34	1.71	2.04	2.50	2.82	2.88	1.79	1.42	1.13
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-0.02	-0.23	-0.02	-0.02	-0.02	-0.02	-0.01	0.00	0.00	-2.24	-0.82	-0.05	-0.02	-0.02	0.00	0.00
ADK HUDSON___FALLS	19.49	18.54	18.27	18.35	18.91	20.81	28.70	32.05	30.41	23.42	22.21	21.33	20.33	20.13	20.18	21.25	23.96	28.31	32.11	36.46	36.03	30.28	26.86	23.87
24011	0.70	0.64	0.60	0.60	0.69	0.82	1.31	1.61	1.39	0.88	0.81	0.66	0.63	0.64	0.66	0.70	0.90	1.09	1.62	2.03	2.10	1.39	0.98	0.83
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	19.52	18.56	18.30	18.41	18.95	20.87	28.84	32.23	30.55	23.51	22.27	21.39	20.39	20.19	20.26	21.33	24.05	28.42	32.26	36.67	36.27	30.42	26.97	23.96
23798	0.73	0.66	0.64	0.66	0.73	0.88	1.45	1.80	1.54	0.97	0.88	0.72	0.69	0.70	0.74	0.78	0.99	1.20	1.77	2.24	2.34	1.53	1.09	0.92
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	19.49	18.54	18.27	18.35	18.91	20.81	28.70	32.05	30.41	23.42	22.21	21.33	20.33	20.13	20.18	21.25	23.96	28.31	32.11	36.46	36.03	30.28	26.86	23.87
24028	0.70	0.64	0.60	0.60	0.69	0.82	1.31	1.61	1.39	0.88	0.81	0.66	0.63	0.64	0.66	0.70	0.90	1.09	1.62	2.03	2.10	1.39	0.98	0.83
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	19.24	18.25	17.97	18.03	18.55	20.43	28.02	31.35	29.62	22.88	21.67	20.95	19.96	19.76	19.79	20.84	23.48	27.76	31.53	35.43	34.95	29.50	26.19	23.27
23527	0.45	0.36	0.30	0.28	0.33	0.44	0.63	0.91	0.61	0.34	0.28	0.29	0.26	0.27	0.27	0.29	0.42	0.54	1.04	1.00	1.02	0.61	0.31	0.23
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	19.32	18.36	18.09	18.16	18.69	20.55	28.18	31.47	29.86	23.11	21.95	21.16	20.18	19.98	20.01	21.07	23.71	27.98	31.62	35.67	35.22	29.73	26.45	23.54
24190	0.53	0.47	0.42	0.41	0.47	0.56	0.79	1.03	0.84	0.56	0.56	0.50	0.47	0.49	0.49	0.51	0.65	0.76	1.13	1.24	1.29	0.84	0.57	0.51
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	18.49	17.61	17.38	17.47	17.93	19.65	26.98	29.92	28.67	22.23	21.07	20.33	19.43	19.20	19.23	20.26	22.76	26.92	29.86	33.71	33.15	28.54	25.59	22.76
355683	-0.30	-0.29	-0.28	-0.28	-0.29	-0.34	-0.41	-0.52	-0.35	-0.32	-0.32	-0.33	-0.28	-0.29	-0.29	-0.29	-0.30	-0.30	-0.64	-0.72	-0.78	-0.35	-0.28	-0.28
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	19.47	18.52	18.27	18.35	18.86	20.73	28.45	31.74	30.06	23.24	22.02	21.22	20.24	20.02	20.06	21.13	23.75	28.07	31.72	35.81	35.35	29.87	26.60	23.71
323833	0.68	0.63	0.60	0.60	0.64	0.74	1.07	1.31	1.04	0.70	0.62	0.56	0.53	0.53	0.55	0.57	0.69	0.84	1.22	1.38	1.42	0.98	0.72	0.67
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	19.47	18.50	18.25	18.34	18.86	20.73	28.45	31.71	30.06	23.22	22.02	21.22	20.21	20.02	20.06	21.13	23.75	28.04	31.72	35.81	35.35	29.87	26.60	23.71
323834	0.68	0.61	0.58	0.58	0.64	0.74	1.07	1.28	1.04	0.68	0.62	0.56	0.51	0.53	0.55	0.57	0.69	0.82	1.22	1.38	1.42	0.98	0.72	0.67
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	19.32	18.36	18.09	18.16	18.69	20.55	28.18	31.47	29.86	23.11	21.95	21.16	20.18	19.98	20.01	21.07	23.71	27.98	31.62	35.67	35.22	29.73	26.45	23.54
23571	0.53	0.47	0.42	0.41	0.47	0.56	0.79	1.03	0.84	0.56	0.56	0.50	0.47	0.49	0.49	0.51	0.65	0.76	1.13	1.24	1.29	0.84	0.57	0.51
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	19.32 0.53 0.00	18.36 0.47 0.00	18.09 0.42 0.00	18.16 0.41 0.00	18.69 0.47 0.00	20.55 0.56 0.00	28.18 0.79 0.00	31.47 1.03 0.00	29.86 0.84 0.00	23.11 0.56 0.00	21.95 0.56 0.00	21.16 0.50 0.00	20.18 0.47 0.00	19.98 0.49 0.00	20.01 0.49 0.00	21.07 0.51 0.00	23.71 0.65 0.00	27.98 0.76 0.00	31.62 1.13 0.00	35.67 1.24 0.00	35.22 1.29 0.00	29.73 0.84 0.00	26.45 0.57 0.00	23.54 0.51 0.00
ALBANY___3 23573	19.32 0.53 0.00	18.36 0.47 0.00	18.09 0.42 0.00	18.16 0.41 0.00	18.69 0.47 0.00	20.55 0.56 0.00	28.18 0.79 0.00	31.47 1.03 0.00	29.86 0.84 0.00	23.11 0.56 0.00	21.95 0.56 0.00	21.16 0.50 0.00	20.18 0.47 0.00	19.98 0.49 0.00	20.01 0.49 0.00	21.07 0.51 0.00	23.71 0.65 0.00	27.98 0.76 0.00	31.62 1.13 0.00	35.67 1.24 0.00	35.22 1.29 0.00	29.73 0.84 0.00	26.45 0.57 0.00	23.54 0.51 0.00
ALBANY___4 23574	19.32 0.53 0.00	18.36 0.47 0.00	18.09 0.42 0.00	18.16 0.41 0.00	18.69 0.47 0.00	20.55 0.56 0.00	28.18 0.79 0.00	31.47 1.03 0.00	29.86 0.84 0.00	23.11 0.56 0.00	21.95 0.56 0.00	21.16 0.50 0.00	20.18 0.47 0.00	19.98 0.49 0.00	20.01 0.49 0.00	21.07 0.51 0.00	23.71 0.65 0.00	27.98 0.76 0.00	31.62 1.13 0.00	35.67 1.24 0.00	35.22 1.29 0.00	29.73 0.84 0.00	26.45 0.57 0.00	23.54 0.51 0.00
ALBANY___LFGE 323615	19.43 0.64 0.00	18.45 0.56 0.00	18.20 0.53 0.00	18.27 0.52 0.00	18.79 0.57 0.00	20.67 0.68 0.00	28.37 0.98 0.00	31.71 1.28 0.00	30.06 1.04 0.00	23.26 0.72 0.00	22.08 0.68 0.00	21.31 0.64 0.00	20.29 0.59 0.00	20.11 0.62 0.00	20.14 0.62 0.00	21.21 0.66 0.00	23.85 0.78 0.00	28.15 0.93 0.00	31.84 1.34 0.00	35.94 1.51 0.00	35.49 1.56 0.00	29.93 1.04 0.00	26.63 0.75 0.00	23.68 0.64 0.00
ALCOA_PA_115KV_PL-6C 55860	18.49 -0.30 0.00	17.61 -0.29 0.00	17.38 -0.28 0.00	17.47 -0.28 0.00	17.93 -0.29 0.00	19.67 -0.32 0.00	27.00 -0.38 0.00	29.98 -0.46 0.00	28.69 -0.32 0.00	22.25 -0.29 0.00	21.07 -0.32 0.00	20.35 -0.31 0.00	19.45 -0.26 0.00	19.22 -0.27 0.00	19.25 -0.27 0.00	20.28 -0.27 0.00	22.78 -0.28 0.00	26.95 -0.27 0.00	29.89 -0.61 0.00	33.74 -0.69 0.00	33.18 -0.75 0.00	28.60 -0.29 0.00	25.62 -0.26 0.00	22.81 -0.23 0.00
ALCOA_RYNLDS___DRP 24188	18.49 -0.30 0.00	17.61 -0.29 0.00	17.38 -0.28 0.00	17.47 -0.28 0.00	17.93 -0.29 0.00	19.67 -0.32 0.00	27.00 -0.38 0.00	29.98 -0.46 0.00	28.69 -0.32 0.00	22.25 -0.29 0.00	21.07 -0.32 0.00	20.35 -0.31 0.00	19.45 -0.26 0.00	19.22 -0.27 0.00	19.25 -0.27 0.00	20.28 -0.27 0.00	22.78 -0.28 0.00	26.95 -0.27 0.00	29.89 -0.61 0.00	33.74 -0.69 0.00	33.18 -0.75 0.00	28.60 -0.29 0.00	25.62 -0.26 0.00	22.81 -0.23 0.00
ALCOA___DSASP 323711	18.49 -0.30 0.00	17.61 -0.29 0.00	17.38 -0.28 0.00	17.47 -0.28 0.00	17.93 -0.29 0.00	19.65 -0.34 0.00	27.00 -0.38 0.00	29.95 -0.49 0.00	28.70 -0.32 0.00	22.25 -0.29 0.00	21.07 -0.32 0.00	20.35 -0.31 0.00	19.45 -0.26 0.00	19.22 -0.27 0.00	19.25 -0.27 0.00	20.28 -0.27 0.00	22.79 -0.28 0.00	26.95 -0.27 0.00	29.89 -0.61 0.00	33.74 -0.69 0.00	33.18 -0.75 0.00	28.60 -0.29 0.00	25.62 -0.26 0.00	22.81 -0.23 0.00
ALLEGHENY___COGEN 23514	19.54 0.75 0.00	18.84 0.95 0.00	18.66 0.99 0.00	18.78 1.03 0.00	19.29 1.07 0.00	21.03 1.04 0.00	28.78 1.40 0.00	31.59 1.16 0.00	29.48 0.46 0.00	22.63 0.09 0.00	21.48 0.09 0.00	20.75 0.08 0.00	19.74 0.04 0.00	19.47 -0.02 0.00	19.54 0.02 0.00	20.59 0.04 0.00	22.99 -0.07 0.00	27.28 0.05 0.00	31.20 0.70 0.00	35.84 1.41 0.00	35.35 1.42 0.00	29.73 0.84 0.00	26.63 0.75 0.00	23.89 0.85 0.00
ALTAMONT_115KV_TB 2 55880	19.22 0.43 0.00	18.27 0.38 0.00	18.00 0.34 0.00	18.07 0.32 0.00	18.60 0.38 0.00	20.43 0.44 0.00	27.99 0.60 0.00	31.23 0.79 0.00	29.68 0.67 0.00	22.99 0.45 0.00	21.82 0.43 0.00	21.06 0.39 0.00	20.06 0.35 0.00	19.86 0.37 0.00	19.89 0.37 0.00	20.94 0.39 0.00	23.57 0.51 0.00	27.82 0.60 0.00	31.41 0.91 0.00	35.43 1.00 0.00	34.95 1.02 0.00	29.52 0.64 0.00	26.32 0.44 0.00	23.41 0.37 0.00
ALTONA_WT_PWR 323606	18.21 -0.58 0.00	17.34 -0.55 0.00	17.17 -0.49 0.00	17.25 -0.50 0.00	17.69 -0.53 0.00	19.41 -0.58 0.00	26.70 -0.68 0.00	29.68 -0.76 0.00	28.43 -0.58 0.00	22.00 -0.54 0.00	20.86 -0.53 0.00	20.06 -0.60 0.00	19.25 -0.45 0.00	19.00 -0.49 0.00	19.07 -0.45 0.00	20.16 -0.39 0.00	22.60 -0.46 0.00	26.87 -0.35 0.00	29.80 -0.70 0.00	33.74 -0.69 0.00	33.05 -0.88 0.00	28.43 -0.46 0.00	25.54 -0.34 0.00	22.67 -0.37 0.00
AMERICAN_REF_FUEL 24010	17.98 -0.81 0.00	17.57 -0.32 0.00	17.33 -0.34 0.00	17.45 -0.30 0.00	17.89 -0.33 0.00	19.29 -0.70 0.00	25.47 -1.92 0.00	27.42 -3.01 0.00	26.00 -3.02 0.00	20.87 -1.67 0.00	20.15 -1.24 0.00	19.51 -1.16 0.00	18.44 -1.26 0.00	18.24 -1.25 0.00	18.29 -1.23 0.00	19.15 -1.40 0.00	20.92 -2.14 0.00	24.53 -2.70 0.00	27.48 -3.02 0.00	31.09 -3.34 0.00	30.47 -3.46 0.00	25.77 -3.12 0.00	23.47 -2.41 0.00	21.45 -1.59 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	18.88 0.09 0.00	18.34 0.45 0.00	18.07 0.41 0.00	18.25 0.50 0.00	18.58 0.36 0.00	20.07 0.08 0.00	26.78 -0.60 0.00	28.82 -1.61 0.00	27.04 -1.97 0.00	21.71 -0.83 0.00	20.94 -0.45 0.00	20.25 -0.41 0.00	19.11 -0.59 0.00	18.87 -0.62 0.00	18.91 -0.61 0.00	19.77 -0.78 0.00	21.63 -1.43 0.00	25.34 -1.88 0.00	28.51 -1.98 0.00	32.54 -1.89 0.00	31.93 -2.00 0.00	26.95 -1.94 0.00	24.48 -1.40 0.00	22.46 -0.58 0.00
ARTHUR KILL_GT_1 23520	19.93 1.13 -0.01	18.83 0.93 -0.01	18.51 0.85 0.00	18.55 0.80 0.00	19.11 0.89 0.00	21.07 1.08 0.00	28.95 1.56 0.00	32.49 2.04 -0.02	30.86 1.83 -0.02	24.19 1.42 -0.23	22.67 1.26 -0.02	21.88 1.20 -0.02	20.84 1.12 -0.02	20.63 1.13 -0.01	20.63 1.11 0.00	21.78 1.23 0.00	26.91 1.57 -2.28	30.02 1.96 -0.84	33.20 2.65 -0.05	37.09 2.65 -0.01	35.62 2.75 1.05	30.74 1.85 0.00	27.43 1.55 0.00	24.30 1.27 0.00
ARTHUR_KILL_2 23512	19.87 1.07 -0.01	18.78 0.88 -0.01	18.48 0.81 0.00	18.51 0.76 0.00	19.08 0.86 0.00	21.01 1.02 0.00	28.86 1.48 0.00	32.40 1.95 -0.02	30.77 1.74 -0.02	24.13 1.35 -0.23	22.61 1.20 -0.02	21.82 1.14 -0.02	20.78 1.06 -0.02	20.57 1.07 -0.01	20.57 1.05 0.00	21.72 1.17 0.00	26.84 1.50 -2.28	29.94 1.88 -0.84	33.11 2.56 -0.05	36.95 2.51 -0.01	35.49 2.61 1.05	30.65 1.76 0.00	27.35 1.47 0.00	24.26 1.22 0.00
ARTHUR_KILL_3 23513	19.62 0.83 0.00	18.54 0.64 0.00	18.25 0.58 0.00	18.30 0.55 0.00	18.84 0.62 0.00	20.83 0.84 0.00	28.70 1.31 0.00	32.31 1.86 -0.02	30.77 1.74 -0.02	24.15 1.38 -0.24	22.65 1.24 -0.02	21.86 1.18 -0.02	20.80 1.08 -0.02	20.57 1.07 -0.01	20.57 1.05 0.00	21.70 1.15 0.00	26.79 1.45 -2.28	29.82 1.77 -0.83	32.75 2.20 -0.05	36.82 2.37 -0.02	35.33 2.44 1.04	30.39 1.50 0.00	27.04 1.17 0.00	23.91 0.88 0.00

ARTHUR_KILL_COGEN 323718	19.93 1.13 -0.01	18.83 0.93 -0.01	18.51 0.85 0.00	18.55 0.80 0.00	19.11 0.89 0.00	21.07 1.08 0.00	28.95 1.56 0.00	32.49 2.04 -0.02	30.86 1.83 -0.02	24.19 1.42 -0.23	22.67 1.26 -0.02	21.88 1.20 -0.02	20.84 1.12 -0.02	20.63 1.13 -0.01	20.63 1.11 0.00	21.78 1.23 0.00	26.91 1.57 -2.28	30.02 1.96 -0.84	33.20 2.65 -0.05	37.09 2.65 -0.01	35.62 2.75 1.05	30.74 1.85 0.00	27.43 1.55 0.00	24.30 1.27 0.00
ASHOKAN____ 23654	19.52 0.73 0.00	18.50 0.61 0.00	18.23 0.57 0.00	18.34 0.58 0.00	18.86 0.64 0.00	20.75 0.76 0.00	28.70 1.31 0.00	32.08 1.64 0.00	30.26 1.25 0.00	23.20 0.65 0.00	21.95 0.56 0.00	21.06 0.39 0.00	20.02 0.31 0.00	19.86 0.37 0.00	19.91 0.39 0.00	21.02 0.47 0.00	23.78 0.72 0.00	28.20 0.98 0.00	32.02 1.52 0.00	36.39 1.96 0.00	36.00 2.07 0.00	30.25 1.36 0.00	26.81 0.93 0.00	23.87 0.83 0.00
ASTORIA_EAST_ENERGY_CC1 323581	19.89 1.09 -0.01	18.83 0.93 -0.01	18.55 0.88 0.00	18.55 0.80 0.00	19.11 0.89 0.00	21.05 1.06 0.00	28.78 1.40 0.00	32.33 1.89 -0.01	30.94 1.91 -0.01	24.35 1.58 -0.23	22.79 1.39 -0.01	21.97 1.30 -0.01	20.93 1.22 -0.01	20.68 1.19 0.00	20.64 1.13 0.01	21.76 1.21 0.01	26.99 1.68 -2.25	30.06 2.01 -0.82	33.04 2.50 -0.04	37.05 2.62 -0.01	36.62 2.68 -0.01	30.41 1.53 0.01	27.12 1.24 0.00	24.12 1.08 0.00
ASTORIA_EAST_ENERGY_CC2 323582	19.89 1.09 -0.01	18.83 0.93 -0.01	18.55 0.88 0.00	18.55 0.80 0.00	19.11 0.89 0.00	21.03 1.04 0.00	28.78 1.40 0.00	32.33 1.89 -0.01	30.94 1.91 -0.01	24.35 1.58 -0.23	22.79 1.39 -0.01	21.97 1.30 -0.01	20.93 1.22 -0.01	20.68 1.19 0.00	20.64 1.13 0.01	21.76 1.21 0.01	26.99 1.68 -2.25	30.06 2.01 -0.82	33.04 2.50 -0.04	37.05 2.62 -0.01	36.62 2.68 -0.01	30.41 1.53 0.01	27.12 1.24 0.00	24.12 1.08 0.00
ASTORIA_GT2_1 24094	19.91 1.11 -0.01	18.85 0.95 -0.01	18.50 0.83 0.00	18.55 0.80 0.00	19.13 0.91 0.00	21.07 1.08 0.00	28.89 1.51 0.00	32.34 1.89 -0.02	30.97 1.94 -0.02	24.35 1.58 -0.23	22.87 1.45 -0.02	22.00 1.32 -0.02	20.94 1.22 -0.02	20.67 1.17 -0.01	20.67 1.15 0.00	21.79 1.23 0.00	27.02 1.71 -2.25	30.09 2.04 -0.82	33.04 2.50 -0.04	37.10 2.65 -0.02	36.63 2.68 -0.02	30.45 1.56 0.00	27.12 1.24 0.00	24.12 1.08 0.00
ASTORIA_GT2_2 24095	19.91 1.11 -0.01	18.85 0.95 -0.01	18.50 0.83 0.00	18.55 0.80 0.00	19.13 0.91 0.00	21.07 1.08 0.00	28.89 1.51 0.00	32.34 1.89 -0.02	30.97 1.94 -0.02	24.35 1.58 -0.23	22.87 1.45 -0.02	22.00 1.32 -0.02	20.94 1.22 -0.02	20.67 1.17 -0.01	20.67 1.15 0.00	21.79 1.23 0.00	27.02 1.71 -2.25	30.09 2.04 -0.82	33.04 2.50 -0.04	37.10 2.65 -0.02	36.63 2.68 -0.02	30.45 1.56 0.00	27.12 1.24 0.00	24.12 1.08 0.00
ASTORIA_GT2_3 24096	19.91 1.11 -0.01	18.85 0.95 -0.01	18.50 0.83 0.00	18.55 0.80 0.00	19.13 0.91 0.00	21.07 1.08 0.00	28.89 1.51 0.00	32.34 1.89 -0.02	30.97 1.94 -0.02	24.35 1.58 -0.23	22.87 1.45 -0.02	22.00 1.32 -0.02	20.94 1.22 -0.02	20.67 1.17 -0.01	20.67 1.15 0.00	21.79 1.23 0.00	27.02 1.71 -2.25	30.09 2.04 -0.82	33.04 2.50 -0.04	37.10 2.65 -0.02	36.63 2.68 -0.02	30.45 1.56 0.00	27.12 1.24 0.00	24.12 1.08 0.00
ASTORIA_GT2_4 24097	19.91 1.11 -0.01	18.85 0.95 -0.01	18.50 0.83 0.00	18.55 0.80 0.00	19.13 0.91 0.00	21.07 1.08 0.00	28.89 1.51 0.00	32.34 1.89 -0.02	30.97 1.94 -0.02	24.35 1.58 -0.23	22.87 1.45 -0.02	22.00 1.32 -0.02	20.94 1.22 -0.02	20.67 1.17 -0.01	20.67 1.15 0.00	21.79 1.23 0.00	27.02 1.71 -2.25	30.09 2.04 -0.82	33.04 2.50 -0.04	37.10 2.65 -0.02	36.63 2.68 -0.02	30.45 1.56 0.00	27.12 1.24 0.00	24.12 1.08 0.00
ASTORIA_GT3_1 24098	19.91 1.11 -0.01	18.85 0.95 -0.01	18.50 0.83 0.00	18.55 0.80 0.00	19.13 0.91 0.00	21.07 1.08 0.00	28.89 1.51 0.00	32.34 1.89 -0.02	30.97 1.94 -0.02	24.35 1.58 -0.23	22.87 1.45 -0.02	22.00 1.32 -0.02	20.94 1.22 -0.02	20.67 1.17 -0.01	20.67 1.15 0.00	21.79 1.23 0.00	27.02 1.71 -2.25	30.09 2.04 -0.82	33.04 2.50 -0.04	37.10 2.65 -0.02	36.63 2.68 -0.02	30.45 1.56 0.00	27.12 1.24 0.00	24.12 1.08 0.00
ASTORIA_GT3_2 24099	19.91 1.11 -0.01	18.85 0.95 -0.01	18.50 0.83 0.00	18.55 0.80 0.00	19.13 0.91 0.00	21.07 1.08 0.00	28.89 1.51 0.00	32.34 1.89 -0.02	30.97 1.94 -0.02	24.35 1.58 -0.23	22.87 1.45 -0.02	22.00 1.32 -0.02	20.94 1.22 -0.02	20.67 1.17 -0.01	20.67 1.15 0.00	21.79 1.23 0.00	27.02 1.71 -2.25	30.09 2.04 -0.82	33.04 2.50 -0.04	37.10 2.65 -0.02	36.63 2.68 -0.02	30.45 1.56 0.00	27.12 1.24 0.00	24.12 1.08 0.00
ASTORIA_GT3_3 24100	19.91 1.11 -0.01	18.85 0.95 -0.01	18.50 0.83 0.00	18.55 0.80 0.00	19.13 0.91 0.00	21.07 1.08 0.00	28.89 1.51 0.00	32.34 1.89 -0.02	30.97 1.94 -0.02	24.35 1.58 -0.23	22.87 1.45 -0.02	22.00 1.32 -0.02	20.94 1.22 -0.02	20.67 1.17 -0.01	20.67 1.15 0.00	21.79 1.23 0.00	27.02 1.71 -2.25	30.09 2.04 -0.82	33.04 2.50 -0.04	37.10 2.65 -0.02	36.63 2.68 -0.02	30.45 1.56 0.00	27.12 1.24 0.00	24.12 1.08 0.00
ASTORIA_GT3_4 24101	19.91 1.11 -0.01	18.85 0.95 -0.01	18.50 0.83 0.00	18.55 0.80 0.00	19.13 0.91 0.00	21.07 1.08 0.00	28.89 1.51 0.00	32.34 1.89 -0.02	30.97 1.94 -0.02	24.35 1.58 -0.23	22.87 1.45 -0.02	22.00 1.32 -0.02	20.94 1.22 -0.02	20.67 1.17 -0.01	20.67 1.15 0.00	21.79 1.23 0.00	27.02 1.71 -2.25	30.09 2.04 -0.82	33.04 2.50 -0.04	37.10 2.65 -0.02	36.63 2.68 -0.02	30.45 1.56 0.00	27.12 1.24 0.00	24.12 1.08 0.00
ASTORIA_GT4_1 24102	19.91 1.11 -0.01	18.85 0.95 -0.01	18.50 0.83 0.00	18.55 0.80 0.00	19.13 0.91 0.00	21.07 1.08 0.00	28.89 1.51 0.00	32.34 1.89 -0.02	30.97 1.94 -0.02	24.35 1.58 -0.23	22.87 1.45 -0.02	22.00 1.32 -0.02	20.94 1.22 -0.02	20.67 1.17 -0.01	20.67 1.15 0.00	21.79 1.23 0.00	27.02 1.71 -2.25	30.09 2.04 -0.82	33.04 2.50 -0.04	37.10 2.65 -0.02	36.63 2.68 -0.02	30.45 1.56 0.00	27.12 1.24 0.00	24.12 1.08 0.00
ASTORIA_GT4_2 24103	19.91 1.11 -0.01	18.85 0.95 -0.01	18.50 0.83 0.00	18.55 0.80 0.00	19.13 0.91 0.00	21.07 1.08 0.00	28.89 1.51 0.00	32.34 1.89 -0.02	30.97 1.94 -0.02	24.35 1.58 -0.23	22.87 1.45 -0.02	22.00 1.32 -0.02	20.94 1.22 -0.02	20.67 1.17 -0.01	20.67 1.15 0.00	21.79 1.23 0.00	27.02 1.71 -2.25	30.09 2.04 -0.82	33.04 2.50 -0.04	37.10 2.65 -0.02	36.63 2.68 -0.02	30.45 1.56 0.00	27.12 1.24 0.00	24.12 1.08 0.00
ASTORIA_GT4_3 24104	19.91 1.11 -0.01	18.85 0.95 -0.01	18.50 0.83 0.00	18.55 0.80 0.00	19.13 0.91 0.00	21.07 1.08 0.00	28.89 1.51 0.00	32.34 1.89 -0.02	30.97 1.94 -0.02	24.35 1.58 -0.23	22.87 1.45 -0.02	22.00 1.32 -0.02	20.94 1.22 -0.02	20.67 1.17 -0.01	20.67 1.15 0.00	21.79 1.23 0.00	27.02 1.71 -2.25	30.09 2.04 -0.82	33.04 2.50 -0.04	37.10 2.65 -0.02	36.63 2.68 -0.02	30.45 1.56 0.00	27.12 1.24 0.00	24.12 1.08 0.00

ASTORIA_GT4_4 24105	19.91 1.11 -0.01	18.85 0.95 -0.01	18.50 0.83 0.00	18.55 0.80 0.00	19.13 0.91 0.00	21.07 1.08 0.00	28.89 1.51 0.00	32.34 1.89 -0.02	30.97 1.94 -0.02	24.35 1.58 -0.23	22.87 1.45 -0.02	22.00 1.32 -0.02	20.94 1.22 -0.02	20.67 1.17 -0.01	20.67 1.15 0.00	21.79 1.23 0.00	27.02 1.71 -2.25	30.09 2.04 -0.82	33.04 2.50 -0.04	37.10 2.65 -0.02	36.63 2.68 -0.02	30.45 1.56 0.00	27.12 1.24 0.00	24.12 1.08 0.00
ASTORIA_GT_1 23523	19.93 1.13 -0.01	18.85 0.95 -0.01	18.59 0.92 0.00	18.58 0.83 0.00	19.13 0.91 0.00	21.07 1.08 0.00	28.84 1.45 0.00	32.42 1.98 -0.01	31.02 2.00 -0.01	24.39 1.62 -0.23	22.84 1.43 -0.01	22.01 1.34 -0.01	20.97 1.26 -0.01	20.72 1.23 0.00	20.68 1.17 0.01	21.80 1.25 0.01	27.06 1.75 -2.25	30.14 2.10 -0.82	33.10 2.56 -0.04	37.16 2.72 -0.01	36.68 2.75 -0.01	30.47 1.59 0.01	27.17 1.29 0.00	24.17 1.13 0.00
ASTORIA_GT_10 24110	19.89 1.09 -0.01	18.80 0.89 -0.01	18.44 0.78 0.00	18.51 0.76 0.00	19.09 0.87 0.00	21.07 1.08 0.00	29.00 1.62 0.00	32.49 2.04 -0.02	31.00 1.97 -0.02	24.33 1.56 -0.23	22.87 1.45 -0.02	22.00 1.32 -0.02	20.94 1.22 -0.02	20.71 1.21 -0.01	20.71 1.19 0.00	21.85 1.29 0.00	27.06 1.68 -2.32	30.08 2.01 -0.84	33.02 2.47 -0.05	37.13 2.69 -0.02	36.69 2.75 -0.02	30.62 1.73 0.00	27.28 1.40 0.00	24.17 1.13 0.00
ASTORIA_GT_11 24225	19.89 1.09 -0.01	18.80 0.89 -0.01	18.44 0.78 0.00	18.51 0.76 0.00	19.09 0.87 0.00	21.07 1.08 0.00	29.00 1.62 0.00	32.49 2.04 -0.02	31.00 1.97 -0.02	24.33 1.56 -0.23	22.87 1.45 -0.02	22.00 1.32 -0.02	20.94 1.22 -0.02	20.71 1.21 -0.01	20.71 1.19 0.00	21.85 1.29 0.00	27.06 1.68 -2.32	30.08 2.01 -0.84	33.02 2.47 -0.05	37.13 2.69 -0.02	36.69 2.75 -0.02	30.62 1.73 0.00	27.28 1.40 0.00	24.17 1.13 0.00
ASTORIA_GT_12 24226	19.89 1.09 -0.01	18.80 0.89 -0.01	18.44 0.78 0.00	18.51 0.76 0.00	19.09 0.87 0.00	21.07 1.08 0.00	29.00 1.62 0.00	32.49 2.04 -0.02	31.00 1.97 -0.02	24.33 1.56 -0.23	22.87 1.45 -0.02	22.00 1.32 -0.02	20.94 1.22 -0.02	20.71 1.21 -0.01	20.71 1.19 0.00	21.85 1.29 0.00	27.06 1.68 -2.32	30.08 2.01 -0.84	33.02 2.47 -0.05	37.13 2.69 -0.02	36.69 2.75 -0.02	30.62 1.73 0.00	27.28 1.40 0.00	24.17 1.13 0.00
ASTORIA_GT_13 24227	19.89 1.09 -0.01	18.80 0.89 -0.01	18.44 0.78 0.00	18.51 0.76 0.00	19.09 0.87 0.00	21.07 1.08 0.00	29.00 1.62 0.00	32.49 2.04 -0.02	31.00 1.97 -0.02	24.33 1.56 -0.23	22.87 1.45 -0.02	22.00 1.32 -0.02	20.94 1.22 -0.02	20.71 1.21 -0.01	20.71 1.19 0.00	21.85 1.29 0.00	27.06 1.68 -2.32	30.08 2.01 -0.84	33.02 2.47 -0.05	37.13 2.69 -0.02	36.69 2.75 -0.02	30.62 1.73 0.00	27.28 1.40 0.00	24.17 1.13 0.00
ASTORIA_GT_5 24106	19.94 1.15 -0.01	18.87 0.97 -0.01	18.52 0.85 0.00	18.58 0.83 0.00	19.17 0.95 0.00	21.09 1.10 0.00	28.95 1.56 0.00	32.37 1.92 -0.02	31.03 2.00 -0.02	24.39 1.62 -0.23	22.91 1.50 -0.02	22.02 1.34 -0.02	20.98 1.26 -0.02	20.71 1.21 -0.01	20.69 1.17 0.00	21.81 1.25 0.00	27.06 1.75 -2.25	30.14 2.10 -0.82	33.10 2.56 -0.04	37.17 2.72 -0.02	36.69 2.75 -0.02	30.48 1.59 0.00	27.17 1.29 0.00	24.17 1.13 0.00
ASTORIA_GT_7 24107	19.94 1.15 -0.01	18.87 0.97 -0.01	18.52 0.85 0.00	18.58 0.83 0.00	19.17 0.95 0.00	21.09 1.10 0.00	28.95 1.56 0.00	32.37 1.92 -0.02	31.03 2.00 -0.02	24.39 1.62 -0.23	22.91 1.50 -0.02	22.02 1.34 -0.02	20.98 1.26 -0.02	20.71 1.21 -0.01	20.69 1.17 0.00	21.81 1.25 0.00	27.06 1.75 -2.25	30.14 2.10 -0.82	33.10 2.56 -0.04	37.17 2.72 -0.02	36.69 2.75 -0.02	30.48 1.59 0.00	27.17 1.29 0.00	24.17 1.13 0.00
ASTORIA_GT_8 24108	19.94 1.15 -0.01	18.87 0.97 -0.01	18.52 0.85 0.00	18.58 0.83 0.00	19.17 0.95 0.00	21.09 1.10 0.00	28.95 1.56 0.00	32.37 1.92 -0.02	31.03 2.00 -0.02	24.39 1.62 -0.23	22.91 1.50 -0.02	22.02 1.34 -0.02	20.98 1.26 -0.02	20.71 1.21 -0.01	20.69 1.17 0.00	21.81 1.25 0.00	27.06 1.75 -2.25	30.14 2.10 -0.82	33.10 2.56 -0.04	37.17 2.72 -0.02	37.26 2.75 -0.58	30.48 1.59 0.00	27.17 1.29 0.00	24.17 1.13 0.00
ASTORIA___2 24149	19.91 1.11 -0.01	18.83 0.93 -0.01	18.55 0.88 0.00	18.55 0.80 0.00	19.11 0.89 0.00	21.05 1.06 0.00	28.81 1.42 0.00	32.36 1.92 -0.01	30.97 1.94 -0.01	24.35 1.58 -0.23	22.79 1.39 -0.01	22.00 1.32 -0.01	20.93 1.22 -0.01	20.68 1.19 0.00	20.66 1.15 0.01	21.78 1.23 0.01	27.02 1.71 -2.25	30.09 2.04 -0.82	33.04 2.50 -0.04	37.09 2.65 -0.01	36.62 2.68 -0.01	30.41 1.53 0.01	27.12 1.24 0.00	24.12 1.08 0.00
ASTORIA___3 23516	19.87 1.07 -0.01	18.78 0.88 -0.01	18.48 0.81 0.00	18.51 0.76 0.00	19.06 0.84 0.00	21.05 1.06 0.00	28.95 1.56 0.00	32.55 2.10 -0.02	31.00 1.97 -0.02	24.33 1.55 -0.23	22.80 1.39 -0.02	22.00 1.32 -0.02	20.94 1.22 -0.02	20.71 1.21 -0.01	20.71 1.19 0.00	21.85 1.30 0.00	27.06 1.68 -2.32	30.08 2.01 -0.84	33.02 2.47 -0.05	37.13 2.69 -0.02	36.69 2.75 -0.02	30.62 1.73 0.00	27.28 1.40 0.00	24.17 1.13 0.00
ASTORIA___4 23517	19.89 1.09 -0.01	18.80 0.89 -0.01	18.44 0.78 0.00	18.51 0.76 0.00	19.09 0.87 0.00	21.07 1.08 0.00	29.00 1.62 0.00	32.49 2.04 -0.02	31.00 1.97 -0.02	24.33 1.56 -0.23	22.87 1.45 -0.02	22.00 1.32 -0.02	20.94 1.22 -0.02	20.71 1.21 -0.01	20.71 1.19 0.00	21.85 1.29 0.00	27.06 1.68 -2.32	30.08 2.01 -0.84	33.02 2.47 -0.05	37.13 2.69 -0.02	36.69 2.75 -0.02	30.62 1.73 0.00	27.28 1.40 0.00	24.17 1.13 0.00
ASTORIA___5 23518	19.87 1.07 -0.01	18.78 0.88 -0.01	18.48 0.81 0.00	18.51 0.76 0.00	19.06 0.84 0.00	21.05 1.06 0.00	28.95 1.56 0.00	32.55 2.10 -0.02	31.00 1.97 -0.02	24.33 1.55 -0.23	22.80 1.39 -0.02	22.00 1.32 -0.02	20.94 1.22 -0.02	20.71 1.21 -0.01	20.71 1.19 0.00	21.85 1.30 0.00	27.06 1.68 -2.32	30.08 2.01 -0.84	33.02 2.47 -0.05	37.13 2.69 -0.02	36.69 2.75 -0.02	30.62 1.73 0.00	27.28 1.40 0.00	24.17 1.13 0.00
AST_ENERGY_2_CC3 323677	19.75 0.96 0.00	18.66 0.77 0.00	18.37 0.71 0.00	18.42 0.67 0.00	18.97 0.75 0.00	20.97 0.98 0.00	28.89 1.51 0.00	32.46 2.01 -0.02	30.89 1.86 -0.02	24.24 1.46 -0.24	22.76 1.35 -0.02	21.94 1.26 -0.02	20.88 1.16 -0.02	20.67 1.17 -0.01	20.67 1.15 0.00	21.78 1.23 0.00	26.86 1.52 -2.28	29.91 1.85 -0.83	32.87 2.32 -0.05	37.03 2.58 -0.02	36.62 2.68 -0.02	30.53 1.65 0.00	27.20 1.32 0.00	24.05 1.01 0.00
AST_ENERGY_2_CC4 323678	19.75 0.96 0.00	18.66 0.77 0.00	18.37 0.71 0.00	18.42 0.67 0.00	18.97 0.75 0.00	20.97 0.98 0.00	28.89 1.51 0.00	32.46 2.01 -0.02	30.89 1.86 -0.02	24.24 1.46 -0.24	22.76 1.35 -0.02	21.94 1.26 -0.02	20.88 1.16 -0.02	20.67 1.17 -0.01	20.67 1.15 0.00	21.78 1.23 0.00	26.86 1.52 -2.28	29.91 1.85 -0.83	32.87 2.32 -0.05	37.03 2.58 -0.02	36.62 2.68 -0.02	30.53 1.65 0.00	27.20 1.32 0.00	24.05 1.01 0.00

ATHENS_STG_1 23668	19.22 0.43 0.00	18.23 0.34 0.00	17.99 0.32 0.00	18.05 0.30 0.00	18.55 0.33 0.00	20.43 0.44 0.00	28.02 0.63 0.00	31.32 0.88 0.00	29.77 0.75 0.00	23.08 0.54 0.00	21.89 0.49 0.00	21.12 0.45 0.00	20.12 0.41 0.00	19.92 0.43 0.00	19.95 0.43 0.00	21.00 0.45 0.00	23.66 0.60 0.00	27.93 0.71 0.00	31.53 1.04 0.00	35.53 1.10 0.00	35.08 1.15 0.00	29.55 0.66 0.00	26.35 0.47 0.00	23.41 0.37 0.00
ATHENS_STG_2 23670	19.22 0.43 0.00	18.23 0.34 0.00	17.99 0.32 0.00	18.05 0.30 0.00	18.55 0.33 0.00	20.43 0.44 0.00	28.02 0.63 0.00	31.32 0.88 0.00	29.77 0.75 0.00	23.08 0.54 0.00	21.89 0.49 0.00	21.12 0.45 0.00	20.12 0.41 0.00	19.92 0.43 0.00	19.95 0.43 0.00	21.00 0.45 0.00	23.66 0.60 0.00	27.93 0.71 0.00	31.53 1.04 0.00	35.53 1.10 0.00	35.08 1.15 0.00	29.55 0.66 0.00	26.35 0.47 0.00	23.41 0.37 0.00
ATHENS_STG_3 23677	19.22 0.43 0.00	18.23 0.34 0.00	17.99 0.32 0.00	18.05 0.30 0.00	18.55 0.33 0.00	20.43 0.44 0.00	28.02 0.63 0.00	31.32 0.88 0.00	29.77 0.75 0.00	23.08 0.54 0.00	21.89 0.49 0.00	21.12 0.45 0.00	20.12 0.41 0.00	19.92 0.43 0.00	19.95 0.43 0.00	21.00 0.45 0.00	23.66 0.60 0.00	27.93 0.71 0.00	31.53 1.04 0.00	35.53 1.10 0.00	35.08 1.15 0.00	29.55 0.66 0.00	26.35 0.47 0.00	23.41 0.37 0.00
AUBURN___LFGE 323710	18.98 0.19 0.00	18.14 0.25 0.00	17.95 0.28 0.00	18.07 0.32 0.00	18.51 0.29 0.00	20.27 0.28 0.00	27.82 0.44 0.00	30.83 0.40 0.00	29.25 0.23 0.00	22.79 0.25 0.00	21.59 0.19 0.00	20.93 0.27 0.00	19.96 0.26 0.00	19.74 0.25 0.00	19.75 0.23 0.00	20.78 0.23 0.00	23.20 0.14 0.00	27.36 0.14 0.00	30.77 0.27 0.00	34.88 0.45 0.00	34.37 0.44 0.00	29.06 0.17 0.00	26.09 0.21 0.00	23.29 0.25 0.00
BABYLON_RES_REC 323704	20.33 1.35 -0.18	18.95 1.06 0.00	18.64 0.97 0.00	18.71 0.96 0.00	19.28 1.06 0.00	21.33 1.34 0.00	29.38 2.00 0.00	32.72 2.28 0.00	30.96 1.94 0.00	24.20 1.67 0.01	22.83 1.43 0.00	21.95 1.28 0.00	20.88 1.18 0.00	20.70 1.21 0.00	20.71 1.19 0.00	21.93 1.38 0.00	24.77 1.80 0.09	29.71 2.34 -0.15	33.39 2.90 0.00	37.56 3.13 0.00	37.26 3.33 0.00	32.49 2.22 -1.38	27.64 1.76 0.00	24.44 1.41 0.00
BABYLON__69_KV_BK2 356345	20.57 1.60 -0.18	19.16 1.27 0.00	18.82 1.15 0.00	18.89 1.14 0.00	19.50 1.28 0.00	21.57 1.58 0.00	29.66 2.27 0.00	32.90 2.47 0.00	31.22 2.21 0.00	24.43 1.89 0.01	23.21 1.82 0.00	22.11 1.45 0.00	21.04 1.34 0.00	20.85 1.36 0.00	20.87 1.35 0.00	22.11 1.56 0.00	24.98 2.01 0.09	29.98 2.61 -0.15	33.70 3.20 0.00	37.98 3.55 0.00	37.63 3.70 0.00	32.81 2.54 -1.38	27.90 2.02 0.00	24.70 1.66 0.00
BALL_HILL_WT_PWR 323825	18.77 -0.02 0.00	18.31 0.41 0.00	18.04 0.37 0.00	18.18 0.43 0.00	18.60 0.38 0.00	20.13 0.14 0.00	26.76 -0.63 0.00	28.85 -1.58 0.00	27.19 -1.83 0.00	21.82 -0.72 0.00	21.05 -0.34 0.00	20.33 -0.33 0.00	19.23 -0.47 0.00	19.00 -0.49 0.00	19.05 -0.47 0.00	19.96 -0.60 0.00	21.82 -1.25 0.00	25.56 -1.66 0.00	28.70 -1.80 0.00	32.61 -1.83 0.00	31.96 -1.97 0.00	27.01 -1.88 0.00	24.53 -1.35 0.00	22.42 -0.62 0.00
BARON_WINDS___WT_PWR 323822	19.39 0.60 0.00	18.64 0.75 0.00	18.44 0.78 0.00	18.57 0.82 0.00	19.04 0.82 0.00	20.85 0.86 0.00	28.40 1.01 0.00	31.29 0.85 0.00	29.71 0.70 0.00	22.97 0.43 0.00	21.82 0.43 0.00	21.08 0.41 0.00	20.08 0.37 0.00	19.82 0.33 0.00	19.85 0.33 0.00	20.84 0.29 0.00	23.20 0.14 0.00	27.33 0.11 0.00	30.83 0.34 0.00	35.08 0.65 0.00	34.47 0.54 0.00	29.12 0.23 0.00	26.19 0.31 0.00	23.50 0.46 0.00
BARRETT_IC_1 23704	20.14 1.17 -0.18	18.79 0.89 0.00	18.50 0.83 0.00	18.55 0.80 0.00	19.11 0.89 0.00	21.15 1.16 0.00	29.06 1.67 0.00	32.44 2.01 0.00	30.78 1.77 0.00	24.07 1.53 0.01	22.74 1.35 0.00	21.88 1.22 0.00	20.81 1.10 0.00	20.62 1.13 0.00	20.65 1.13 0.00	21.83 1.27 0.00	24.63 1.66 0.09	29.43 2.07 -0.15	33.00 2.50 0.00	37.12 2.69 0.00	36.78 2.85 0.00	32.12 1.85 -1.38	27.43 1.55 0.00	24.26 1.22 0.00
BARRETT_IC_10 23701	20.14 1.17 -0.18	18.79 0.89 0.00	18.50 0.83 0.00	18.55 0.80 0.00	19.11 0.89 0.00	21.15 1.16 0.00	29.06 1.67 0.00	32.44 2.01 0.00	30.78 1.77 0.00	24.07 1.53 0.01	22.74 1.35 0.00	21.88 1.22 0.00	20.81 1.10 0.00	20.62 1.13 0.00	20.65 1.13 0.00	21.83 1.27 0.00	24.63 1.66 0.09	29.43 2.07 -0.15	33.00 2.50 0.00	37.12 2.69 0.00	36.78 2.85 0.00	32.12 1.85 -1.38	27.43 1.55 0.00	24.26 1.22 0.00
BARRETT_IC_11 23702	20.14 1.17 -0.18	18.79 0.89 0.00	18.50 0.83 0.00	18.55 0.80 0.00	19.11 0.89 0.00	21.15 1.16 0.00	29.06 1.67 0.00	32.44 2.01 0.00	30.78 1.77 0.00	24.07 1.53 0.01	22.74 1.35 0.00	21.88 1.22 0.00	20.81 1.10 0.00	20.62 1.13 0.00	20.65 1.13 0.00	21.83 1.27 0.00	24.63 1.66 0.09	29.43 2.07 -0.15	33.00 2.50 0.00	37.12 2.69 0.00	36.78 2.85 0.00	32.12 1.85 -1.38	27.43 1.55 0.00	24.26 1.22 0.00
BARRETT_IC_12 23703	20.14 1.17 -0.18	18.79 0.89 0.00	18.50 0.83 0.00	18.55 0.80 0.00	19.11 0.89 0.00	21.15 1.16 0.00	29.06 1.67 0.00	32.44 2.01 0.00	30.78 1.77 0.00	24.07 1.53 0.01	22.74 1.35 0.00	21.88 1.22 0.00	20.81 1.10 0.00	20.62 1.13 0.00	20.65 1.13 0.00	21.83 1.27 0.00	24.63 1.66 0.09	29.43 2.07 -0.15	33.00 2.50 0.00	37.12 2.69 0.00	36.78 2.85 0.00	32.12 1.85 -1.38	27.43 1.55 0.00	24.26 1.22 0.00
BARRETT_IC_2 23705	20.14 1.17 -0.18	18.79 0.89 0.00	18.50 0.83 0.00	18.55 0.80 0.00	19.11 0.89 0.00	21.15 1.16 0.00	29.06 1.67 0.00	32.44 2.01 0.00	30.78 1.77 0.00	24.07 1.53 0.01	22.74 1.35 0.00	21.88 1.22 0.00	20.81 1.10 0.00	20.62 1.13 0.00	20.65 1.13 0.00	21.83 1.27 0.00	24.63 1.66 0.09	29.43 2.07 -0.15	33.00 2.50 0.00	37.12 2.69 0.00	36.78 2.85 0.00	32.12 1.85 -1.38	27.43 1.55 0.00	24.26 1.22 0.00
BARRETT_IC_3 23706	20.14 1.17 -0.18	18.79 0.89 0.00	18.50 0.83 0.00	18.55 0.80 0.00	19.11 0.89 0.00	21.15 1.16 0.00	29.06 1.67 0.00	32.44 2.01 0.00	30.78 1.77 0.00	24.07 1.53 0.01	22.74 1.35 0.00	21.88 1.22 0.00	20.81 1.10 0.00	20.62 1.13 0.00	20.65 1.13 0.00	21.83 1.27 0.00	24.63 1.66 0.09	29.43 2.07 -0.15	33.00 2.50 0.00	37.12 2.69 0.00	36.78 2.85 0.00	32.12 1.85 -1.38	27.43 1.55 0.00	24.26 1.22 0.00
BARRETT_IC_4 23707	20.14 1.17 -0.18	18.79 0.89 0.00	18.50 0.83 0.00	18.55 0.80 0.00	19.11 0.89 0.00	21.15 1.16 0.00	29.06 1.67 0.00	32.44 2.01 0.00	30.78 1.77 0.00	24.07 1.53 0.01	22.74 1.35 0.00	21.88 1.22 0.00	20.81 1.10 0.00	20.62 1.13 0.00	20.65 1.13 0.00	21.83 1.27 0.00	24.63 1.66 0.09	29.43 2.07 -0.15	33.00 2.50 0.00	37.12 2.69 0.00	36.78 2.85 0.00	32.12 1.85 -1.38	27.43 1.55 0.00	24.26 1.22 0.00

BARRETT_IC_5 23708	20.14 1.17 -0.18	18.79 0.89 0.00	18.50 0.83 0.00	18.55 0.80 0.00	19.11 0.89 0.00	21.15 1.16 0.00	29.06 1.67 0.00	32.44 2.01 0.00	30.78 1.77 0.00	24.07 1.53 0.01	22.74 1.35 0.00	21.88 1.22 0.00	20.81 1.10 0.00	20.62 1.13 0.00	20.65 1.13 0.00	21.83 1.27 0.00	24.63 1.66 0.09	29.43 2.07 -0.15	33.00 2.50 0.00	37.12 2.69 0.00	36.78 2.85 0.00	32.12 1.85 -1.38	27.43 1.55 0.00	24.26 1.22 0.00
BARRETT_IC_6 23709	20.14 1.17 -0.18	18.79 0.89 0.00	18.50 0.83 0.00	18.55 0.80 0.00	19.11 0.89 0.00	21.15 1.16 0.00	29.06 1.67 0.00	32.44 2.01 0.00	30.78 1.77 0.00	24.07 1.53 0.01	22.74 1.35 0.00	21.88 1.22 0.00	20.81 1.10 0.00	20.62 1.13 0.00	20.65 1.13 0.00	21.83 1.27 0.00	24.63 1.66 0.09	29.43 2.07 -0.15	33.00 2.50 0.00	37.12 2.69 0.00	36.78 2.85 0.00	32.12 1.85 -1.38	27.43 1.55 0.00	24.26 1.22 0.00
BARRETT_IC_7 23710	20.14 1.16 -0.18	18.81 0.91 0.00	18.48 0.81 0.00	18.55 0.80 0.00	19.13 0.91 0.00	21.15 1.16 0.00	29.06 1.67 0.00	32.35 1.92 0.00	30.81 1.80 0.00	24.09 1.56 0.01	22.87 1.48 0.00	21.88 1.22 0.00	20.81 1.10 0.00	20.62 1.13 0.00	20.65 1.13 0.00	21.83 1.27 0.00	24.63 1.66 0.09	29.44 2.07 -0.15	33.00 2.50 0.00	37.15 2.72 0.00	36.78 2.85 0.00	32.12 1.85 -1.38	27.41 1.53 0.00	24.26 1.22 0.00
BARRETT_IC_8 23711	20.14 1.17 -0.18	18.79 0.89 0.00	18.50 0.83 0.00	18.55 0.80 0.00	19.11 0.89 0.00	21.15 1.16 0.00	29.06 1.67 0.00	32.44 2.01 0.00	30.78 1.77 0.00	24.07 1.53 0.01	22.74 1.35 0.00	21.88 1.22 0.00	20.81 1.10 0.00	20.62 1.13 0.00	20.65 1.13 0.00	21.83 1.27 0.00	24.63 1.66 0.09	29.43 2.07 -0.15	33.00 2.50 0.00	37.12 2.69 0.00	36.78 2.85 0.00	32.12 1.85 -1.38	27.43 1.55 0.00	24.26 1.22 0.00
BARRETT_IC_9 23700	20.14 1.17 -0.18	18.79 0.89 0.00	18.50 0.83 0.00	18.55 0.80 0.00	19.11 0.89 0.00	21.15 1.16 0.00	29.06 1.67 0.00	32.44 2.01 0.00	30.78 1.77 0.00	24.07 1.53 0.01	22.74 1.35 0.00	21.88 1.22 0.00	20.81 1.10 0.00	20.62 1.13 0.00	20.65 1.13 0.00	21.83 1.27 0.00	24.63 1.66 0.09	29.43 2.07 -0.15	33.00 2.50 0.00	37.12 2.69 0.00	36.78 2.85 0.00	32.12 1.85 -1.38	27.43 1.55 0.00	24.26 1.22 0.00
BARRETT___1 23545	20.14 1.17 -0.18	18.79 0.89 0.00	18.50 0.83 0.00	18.55 0.80 0.00	19.11 0.89 0.00	21.15 1.16 0.00	29.06 1.67 0.00	32.44 2.01 0.00	30.78 1.77 0.00	24.07 1.53 0.01	22.74 1.35 0.00	21.88 1.22 0.00	20.81 1.10 0.00	20.62 1.13 0.00	20.65 1.13 0.00	21.83 1.27 0.00	24.63 1.66 0.09	29.43 2.07 -0.15	33.00 2.50 0.00	37.12 2.69 0.00	36.78 2.85 0.00	32.12 1.85 -1.38	27.43 1.55 0.00	24.26 1.22 0.00
BARRETT___2 23546	20.14 1.17 -0.18	18.79 0.89 0.00	18.50 0.83 0.00	18.55 0.80 0.00	19.11 0.89 0.00	21.15 1.16 0.00	29.06 1.67 0.00	32.44 2.01 0.00	30.78 1.77 0.00	24.07 1.53 0.01	22.74 1.35 0.00	21.88 1.22 0.00	20.81 1.10 0.00	20.62 1.13 0.00	20.65 1.13 0.00	21.83 1.27 0.00	24.63 1.66 0.09	29.43 2.07 -0.15	33.00 2.50 0.00	37.12 2.69 0.00	36.78 2.85 0.00	32.12 1.85 -1.38	27.43 1.55 0.00	24.26 1.22 0.00
BATAVIA__115KV_TB1 55881	18.51 -0.28 0.00	18.00 0.11 0.00	17.91 0.25 0.00	18.03 0.28 0.00	18.37 0.15 0.00	19.89 -0.10 0.00	26.70 -0.68 0.00	29.07 -1.37 0.00	27.53 -1.48 0.00	21.89 -0.65 0.00	20.77 -0.62 0.00	20.35 -0.31 0.00	19.25 -0.45 0.00	19.04 -0.45 0.00	19.09 -0.43 0.00	20.02 -0.53 0.00	21.91 -1.15 0.00	25.81 -1.42 0.00	29.03 -1.46 0.00	32.99 -1.45 0.00	32.37 -1.56 0.00	27.27 -1.62 0.00	24.71 -1.16 0.00	22.46 -0.58 0.00
BAYONEEC___CTG1 323682	19.71 0.92 0.00	18.63 0.73 0.00	18.34 0.67 0.00	18.39 0.64 0.00	18.93 0.71 0.00	20.93 0.94 0.00	28.84 1.45 0.00	32.43 1.98 -0.02	30.89 1.86 -0.02	24.24 1.46 -0.24	22.74 1.33 -0.02	21.92 1.24 -0.02	20.88 1.16 -0.02	20.65 1.15 -0.01	20.65 1.13 0.00	21.78 1.23 0.00	26.88 1.55 -2.28	29.91 1.85 -0.83	32.87 2.32 -0.05	36.99 2.55 -0.02	36.59 2.65 -0.02	30.51 1.62 0.00	27.15 1.27 0.00	24.03 0.99 0.00
BAYONEEC___CTG10 323750	19.71 0.92 0.00	18.63 0.73 0.00	18.34 0.67 0.00	18.39 0.64 0.00	18.93 0.71 0.00	20.93 0.94 0.00	28.84 1.45 0.00	32.43 1.98 -0.02	30.89 1.86 -0.02	24.24 1.46 -0.24	22.74 1.33 -0.02	21.92 1.24 -0.02	20.88 1.16 -0.02	20.65 1.15 -0.01	20.65 1.13 0.00	21.78 1.23 0.00	26.88 1.55 -2.28	29.91 1.85 -0.83	32.87 2.32 -0.05	36.99 2.55 -0.02	36.59 2.65 -0.02	30.51 1.62 0.00	27.15 1.27 0.00	24.03 0.99 0.00
BAYONEEC___CTG2 323683	19.71 0.92 0.00	18.63 0.73 0.00	18.34 0.67 0.00	18.39 0.64 0.00	18.93 0.71 0.00	20.93 0.94 0.00	28.84 1.45 0.00	32.43 1.98 -0.02	30.89 1.86 -0.02	24.24 1.46 -0.24	22.74 1.33 -0.02	21.92 1.24 -0.02	20.88 1.16 -0.02	20.65 1.15 -0.01	20.65 1.13 0.00	21.78 1.23 0.00	26.88 1.55 -2.28	29.91 1.85 -0.83	32.87 2.32 -0.05	36.99 2.55 -0.02	36.59 2.65 -0.02	30.51 1.62 0.00	27.15 1.27 0.00	24.03 0.99 0.00
BAYONEEC___CTG3 323684	19.71 0.92 0.00	18.63 0.73 0.00	18.34 0.67 0.00	18.39 0.64 0.00	18.93 0.71 0.00	20.93 0.94 0.00	28.84 1.45 0.00	32.43 1.98 -0.02	30.89 1.86 -0.02	24.24 1.46 -0.24	22.74 1.33 -0.02	21.92 1.24 -0.02	20.88 1.16 -0.02	20.65 1.15 -0.01	20.65 1.13 0.00	21.78 1.23 0.00	26.88 1.55 -2.28	29.91 1.85 -0.83	32.87 2.32 -0.05	36.99 2.55 -0.02	36.59 2.65 -0.02	30.51 1.62 0.00	27.15 1.27 0.00	24.03 0.99 0.00
BAYONEEC___CTG4 323685	19.71 0.92 0.00	18.63 0.73 0.00	18.34 0.67 0.00	18.39 0.64 0.00	18.93 0.71 0.00	20.93 0.94 0.00	28.84 1.45 0.00	32.43 1.98 -0.02	30.89 1.86 -0.02	24.24 1.46 -0.24	22.74 1.33 -0.02	21.92 1.24 -0.02	20.88 1.16 -0.02	20.65 1.15 -0.01	20.65 1.13 0.00	21.78 1.23 0.00	26.88 1.55 -2.28	29.91 1.85 -0.83	32.87 2.32 -0.05	36.99 2.55 -0.02	36.59 2.65 -0.02	30.51 1.62 0.00	27.15 1.27 0.00	24.03 0.99 0.00
BAYONEEC___CTG5 323686	19.71 0.92 0.00	18.63 0.73 0.00	18.34 0.67 0.00	18.39 0.64 0.00	18.93 0.71 0.00	20.93 0.94 0.00	28.84 1.45 0.00	32.43 1.98 -0.02	30.89 1.86 -0.02	24.24 1.46 -0.24	22.74 1.33 -0.02	21.92 1.24 -0.02	20.88 1.16 -0.02	20.65 1.15 -0.01	20.65 1.13 0.00	21.78 1.23 0.00	26.88 1.55 -2.28	29.91 1.85 -0.83	32.87 2.32 -0.05	36.99 2.55 -0.02	36.59 2.65 -0.02	30.51 1.62 0.00	27.15 1.27 0.00	24.03 0.99 0.00
BAYONEEC___CTG6 323687	19.71 0.92 0.00	18.63 0.73 0.00	18.34 0.67 0.00	18.39 0.64 0.00	18.93 0.71 0.00	20.93 0.94 0.00	28.84 1.45 0.00	32.43 1.98 -0.02	30.89 1.86 -0.02	24.24 1.46 -0.24	22.74 1.33 -0.02	21.92 1.24 -0.02	20.88 1.16 -0.02	20.65 1.15 -0.01	20.65 1.13 0.00	21.78 1.23 0.00	26.88 1.55 -2.28	29.91 1.85 -0.83	32.87 2.32 -0.05	36.99 2.55 -0.02	36.59 2.65 -0.02	30.51 1.62 0.00	27.15 1.27 0.00	24.03 0.99 0.00

BAYONEEC___CTG7 323688	19.71 0.92 0.00	18.63 0.73 0.00	18.34 0.67 0.00	18.39 0.64 0.00	18.93 0.71 0.00	20.93 0.94 0.00	28.84 1.45 0.00	32.43 1.98 -0.02	30.89 1.86 -0.02	24.24 1.46 -0.24	22.74 1.33 -0.02	21.92 1.24 -0.02	20.88 1.16 -0.02	20.65 1.15 -0.01	20.65 1.13 0.00	21.78 1.23 0.00	26.88 1.55 -2.28	29.91 1.85 -0.83	32.87 2.32 -0.05	36.99 2.55 -0.02	36.59 2.65 -0.02	30.51 1.62 0.00	27.15 1.27 0.00	24.03 0.99 0.00
BAYONEEC___CTG8 323689	19.71 0.92 0.00	18.63 0.73 0.00	18.34 0.67 0.00	18.39 0.64 0.00	18.93 0.71 0.00	20.93 0.94 0.00	28.84 1.45 0.00	32.43 1.98 -0.02	30.89 1.86 -0.02	24.24 1.46 -0.24	22.74 1.33 -0.02	21.92 1.24 -0.02	20.88 1.16 -0.02	20.65 1.15 -0.01	20.65 1.13 0.00	21.78 1.23 0.00	26.88 1.55 -2.28	29.91 1.85 -0.83	32.87 2.32 -0.05	36.99 2.55 -0.02	36.59 2.65 -0.02	30.51 1.62 0.00	27.15 1.27 0.00	24.03 0.99 0.00
BAYONEEC___CTG9 323749	19.71 0.92 0.00	18.63 0.73 0.00	18.34 0.67 0.00	18.39 0.64 0.00	18.93 0.71 0.00	20.93 0.94 0.00	28.84 1.45 0.00	32.43 1.98 -0.02	30.89 1.86 -0.02	24.24 1.46 -0.24	22.74 1.33 -0.02	21.92 1.24 -0.02	20.88 1.16 -0.02	20.65 1.15 -0.01	20.65 1.13 0.00	21.78 1.23 0.00	26.88 1.55 -2.28	29.91 1.85 -0.83	32.87 2.32 -0.05	36.99 2.55 -0.02	36.59 2.65 -0.02	30.51 1.62 0.00	27.15 1.27 0.00	24.03 0.99 0.00
BEACON___LESR 323632	19.49 0.70 0.00	18.50 0.61 0.00	18.25 0.58 0.00	18.34 0.58 0.00	18.84 0.62 0.00	20.75 0.76 0.00	28.51 1.12 0.00	31.87 1.43 0.00	30.20 1.19 0.00	23.33 0.79 0.00	22.14 0.75 0.00	21.37 0.70 0.00	20.37 0.67 0.00	20.19 0.70 0.00	20.22 0.70 0.00	21.29 0.74 0.00	23.96 0.90 0.00	28.28 1.06 0.00	31.99 1.49 0.00	36.12 1.69 0.00	35.66 1.73 0.00	30.07 1.18 0.00	26.76 0.88 0.00	23.80 0.76 0.00
BEAVER RIVER___HYD 24048	18.30 -0.49 0.00	17.41 -0.48 0.00	17.21 -0.46 0.00	17.29 -0.46 0.00	17.75 -0.47 0.00	19.47 -0.52 0.00	26.76 -0.63 0.00	29.80 -0.64 0.00	28.20 -0.81 0.00	21.71 -0.83 0.00	20.52 -0.88 0.00	19.82 -0.85 0.00	18.89 -0.81 0.00	18.67 -0.82 0.00	18.68 -0.84 0.00	19.81 -0.74 0.00	22.35 -0.72 0.00	26.57 -0.65 0.00	30.19 -0.30 0.00	34.54 0.10 0.00	33.90 -0.03 0.00	28.89 0.00 0.00	25.85 -0.03 0.00	22.90 -0.14 0.00
BEEBEE_GT_13 23619	18.45 -0.34 0.00	17.82 -0.07 0.00	17.70 0.04 0.00	17.80 0.05 0.00	18.17 -0.05 0.00	19.75 -0.24 0.00	26.73 -0.66 0.00	29.34 -1.10 0.00	27.91 -1.10 0.00	22.02 -0.52 0.00	20.92 -0.47 0.00	20.44 -0.23 0.00	19.39 -0.32 0.00	19.20 -0.29 0.00	19.23 -0.29 0.00	20.18 -0.37 0.00	22.25 -0.81 0.00	26.19 -1.03 0.00	29.40 -1.10 0.00	33.30 -1.14 0.00	32.74 -1.19 0.00	27.65 -1.24 0.00	24.97 -0.91 0.00	22.51 -0.53 0.00
BENSHRST_27_KV_BENSHRST_1 355998	20.00 1.20 -0.01	18.89 0.98 -0.01	18.53 0.87 0.00	18.58 0.83 0.00	19.17 0.95 0.00	21.17 1.18 0.00	29.14 1.75 0.00	32.70 2.25 -0.02	31.15 2.12 -0.02	24.44 1.67 -0.23	22.99 1.58 -0.02	22.11 1.43 -0.02	21.06 1.34 -0.02	20.83 1.33 -0.01	20.83 1.31 0.00	21.99 1.44 0.00	27.23 1.84 -2.32	30.30 2.23 -0.84	33.32 2.78 -0.05	37.48 3.03 -0.02	37.03 3.09 -0.02	30.88 1.99 0.00	27.51 1.63 0.00	24.35 1.31 0.00
BETHLEHEM___GRP 23843	19.32 0.53 0.00	18.36 0.47 0.00	18.09 0.42 0.00	18.16 0.41 0.00	18.69 0.47 0.00	20.55 0.56 0.00	28.18 0.79 0.00	31.47 1.03 0.00	29.86 0.84 0.00	23.11 0.56 0.00	21.95 0.56 0.00	21.16 0.50 0.00	20.18 0.47 0.00	19.98 0.49 0.00	20.01 0.49 0.00	21.07 0.51 0.00	23.71 0.65 0.00	27.98 0.76 0.00	31.62 1.13 0.00	35.67 1.24 0.00	35.22 1.29 0.00	29.73 0.84 0.00	26.45 0.57 0.00	23.54 0.51 0.00
BETHLEHEM___GS1 323560	19.30 0.51 0.00	18.34 0.45 0.00	18.09 0.42 0.00	18.16 0.41 0.00	18.66 0.44 0.00	20.53 0.54 0.00	28.18 0.79 0.00	31.50 1.06 0.00	29.86 0.84 0.00	23.11 0.56 0.00	21.93 0.54 0.00	21.16 0.50 0.00	20.18 0.47 0.00	19.98 0.49 0.00	20.01 0.49 0.00	21.07 0.51 0.00	23.68 0.62 0.00	27.98 0.76 0.00	31.63 1.13 0.00	35.67 1.24 0.00	35.22 1.29 0.00	29.73 0.84 0.00	26.45 0.57 0.00	23.54 0.51 0.00
BETHLEHEM___GS2 323561	19.30 0.51 0.00	18.34 0.45 0.00	18.09 0.42 0.00	18.16 0.41 0.00	18.66 0.44 0.00	20.53 0.54 0.00	28.18 0.79 0.00	31.50 1.06 0.00	29.86 0.84 0.00	23.11 0.56 0.00	21.93 0.54 0.00	21.16 0.50 0.00	20.18 0.47 0.00	19.98 0.49 0.00	20.01 0.49 0.00	21.07 0.51 0.00	23.68 0.62 0.00	27.98 0.76 0.00	31.63 1.13 0.00	35.67 1.24 0.00	35.22 1.29 0.00	29.73 0.84 0.00	26.45 0.57 0.00	23.54 0.51 0.00
BETHLEHEM___GS3 323562	19.30 0.51 0.00	18.34 0.45 0.00	18.09 0.42 0.00	18.16 0.41 0.00	18.66 0.44 0.00	20.53 0.54 0.00	28.18 0.79 0.00	31.50 1.06 0.00	29.86 0.84 0.00	23.11 0.56 0.00	21.93 0.54 0.00	21.16 0.50 0.00	20.18 0.47 0.00	19.98 0.49 0.00	20.01 0.49 0.00	21.07 0.51 0.00	23.68 0.62 0.00	27.98 0.76 0.00	31.63 1.13 0.00	35.67 1.24 0.00	35.22 1.29 0.00	29.73 0.84 0.00	26.45 0.57 0.00	23.54 0.51 0.00
BETHLEHEM___STEEL 23779	18.58 -0.21 0.00	18.11 0.21 0.00	17.99 0.32 0.00	18.12 0.37 0.00	18.42 0.20 0.00	19.95 -0.04 0.00	26.56 -0.82 0.00	28.70 -1.73 0.00	27.16 -1.86 0.00	21.80 -0.74 0.00	20.73 -0.66 0.00	20.33 -0.33 0.00	19.23 -0.47 0.00	19.00 -0.49 0.00	19.07 -0.45 0.00	19.98 -0.58 0.00	21.79 -1.27 0.00	25.56 -1.66 0.00	28.67 -1.83 0.00	32.54 -1.89 0.00	31.86 -2.07 0.00	26.92 -1.96 0.00	24.51 -1.37 0.00	22.37 -0.67 0.00
BETHLHEM_115KV_TB1 79974	19.30 0.51 0.00	18.34 0.45 0.00	18.07 0.41 0.00	18.14 0.39 0.00	18.68 0.46 0.00	20.53 0.54 0.00	28.23 0.85 0.00	31.50 1.07 0.00	29.88 0.87 0.00	23.13 0.59 0.00	21.97 0.58 0.00	21.18 0.52 0.00	20.20 0.49 0.00	20.00 0.51 0.00	20.03 0.51 0.00	21.09 0.53 0.00	23.73 0.67 0.00	28.01 0.79 0.00	31.66 1.16 0.00	35.71 1.27 0.00	35.25 1.32 0.00	29.76 0.87 0.00	26.47 0.60 0.00	23.57 0.53 0.00
BETHPAGE_CC_5 323564	20.27 1.30 -0.18	18.90 1.00 0.00	18.59 0.92 0.00	18.66 0.90 0.00	19.22 1.00 0.00	21.27 1.28 0.00	29.30 1.92 0.00	32.69 2.25 0.00	30.99 1.97 0.00	24.20 1.67 0.01	22.85 1.46 0.00	21.97 1.30 0.00	20.90 1.20 0.00	20.72 1.23 0.00	20.73 1.21 0.00	21.95 1.40 0.00	24.77 1.80 0.09	29.68 2.31 -0.15	33.33 2.84 0.00	37.53 3.10 0.00	37.19 3.26 0.00	32.41 2.14 -1.38	27.59 1.71 0.00	24.40 1.36 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	18.66 -0.13 0.00	18.18 0.29 0.00	18.06 0.39 0.00	18.19 0.44 0.00	18.49 0.27 0.00	20.05 0.06 0.00	26.70 -0.68 0.00	28.82 -1.61 0.00	27.30 -1.71 0.00	21.91 -0.63 0.00	20.84 -0.56 0.00	20.44 -0.23 0.00	19.33 -0.37 0.00	19.08 -0.41 0.00	19.15 -0.37 0.00	20.06 -0.49 0.00	21.88 -1.18 0.00	25.70 -1.52 0.00	28.82 -1.68 0.00	32.71 -1.72 0.00	32.03 -1.90 0.00	27.04 -1.85 0.00	24.64 -1.24 0.00	22.48 -0.55 0.00

BINGHAMTON___COGEN 23790	19.11 0.32 0.00	18.27 0.38 0.00	18.07 0.41 0.00	18.18 0.43 0.00	18.62 0.40 0.00	20.43 0.44 0.00	27.91 0.52 0.00	30.86 0.43 0.00	29.39 0.38 0.00	22.88 0.34 0.00	21.69 0.30 0.00	21.02 0.35 0.00	20.02 0.32 0.00	19.78 0.29 0.00	19.81 0.29 0.00	20.84 0.29 0.00	23.25 0.18 0.00	27.41 0.19 0.00	30.86 0.37 0.00	34.95 0.52 0.00	34.37 0.44 0.00	29.09 0.20 0.00	26.14 0.26 0.00	23.36 0.32 0.00
BIXINCNT_115KV_LOAD 355685	18.73 -0.06 0.00	18.25 0.36 0.00	18.06 0.39 0.00	18.19 0.44 0.00	18.53 0.31 0.00	20.07 0.08 0.00	26.87 -0.52 0.00	29.04 -1.40 0.00	27.65 -1.36 0.00	22.09 -0.45 0.00	21.01 -0.39 0.00	20.37 -0.29 0.00	19.27 -0.43 0.00	18.98 -0.51 0.00	19.09 -0.43 0.00	20.08 -0.47 0.00	22.00 -1.06 0.00	25.81 -1.42 0.00	28.97 -1.52 0.00	32.92 -1.51 0.00	32.06 -1.87 0.00	27.07 -1.82 0.00	24.69 -1.19 0.00	22.53 -0.51 0.00
BLACK RIVER___HYD 24047	18.41 -0.38 0.00	17.54 -0.36 0.00	17.35 -0.32 0.00	17.45 -0.30 0.00	17.93 -0.29 0.00	19.65 -0.34 0.00	27.06 -0.33 0.00	30.10 -0.33 0.00	28.35 -0.67 0.00	21.78 -0.77 0.00	20.58 -0.81 0.00	19.90 -0.76 0.00	18.95 -0.75 0.00	18.73 -0.76 0.00	18.72 -0.80 0.00	19.81 -0.74 0.00	22.35 -0.72 0.00	26.57 -0.65 0.00	30.38 -0.12 0.00	34.81 0.38 0.00	34.13 0.20 0.00	29.06 0.17 0.00	26.04 0.16 0.00	23.04 0.00 0.00
BLACKRVR_115KV_TB2 79977	18.41 -0.38 0.00	17.52 -0.38 0.00	17.35 -0.32 0.00	17.45 -0.30 0.00	17.93 -0.29 0.00	19.65 -0.34 0.00	27.06 -0.33 0.00	30.10 -0.33 0.00	28.35 -0.67 0.00	21.78 -0.77 0.00	20.58 -0.81 0.00	19.90 -0.76 0.00	18.95 -0.75 0.00	18.73 -0.76 0.00	18.72 -0.80 0.00	19.81 -0.74 0.00	22.35 -0.71 0.00	26.57 -0.65 0.00	30.37 -0.12 0.00	34.81 0.38 0.00	34.13 0.20 0.00	29.06 0.17 0.00	26.03 0.16 0.00	23.04 0.00 0.00
BLISS_WT_PWR 323608	18.77 -0.02 0.00	18.31 0.41 0.00	17.99 0.32 0.00	18.11 0.35 0.00	18.60 0.38 0.00	20.07 0.08 0.00	26.81 -0.58 0.00	28.92 -1.52 0.00	27.56 -1.45 0.00	21.98 -0.56 0.00	21.18 -0.21 0.00	20.23 -0.43 0.00	19.13 -0.57 0.00	18.85 -0.64 0.00	18.95 -0.57 0.00	19.98 -0.58 0.00	21.91 -1.15 0.00	25.67 -1.55 0.00	28.85 -1.65 0.00	32.78 -1.65 0.00	31.83 -2.10 0.00	26.92 -1.97 0.00	24.53 -1.35 0.00	22.39 -0.64 0.00
BLUESTONE___WT_PWR 323821	20.12 1.33 0.00	19.22 1.32 0.00	19.03 1.36 0.00	19.15 1.40 0.00	19.70 1.48 0.00	21.63 1.64 0.00	29.80 2.41 0.00	33.08 2.65 0.00	31.34 2.32 0.00	24.26 1.71 0.00	22.94 1.54 0.00	22.15 1.49 0.00	21.08 1.38 0.00	20.83 1.34 0.00	20.88 1.37 0.00	21.99 1.44 0.00	24.58 1.52 0.00	28.94 1.72 0.00	32.97 2.47 0.00	37.43 2.99 0.00	36.68 2.75 0.00	31.03 2.14 0.00	27.79 1.92 0.00	24.70 1.66 0.00
BLUE_CIRC_CHEM_DRP 24182	19.35 0.56 0.00	18.41 0.52 0.00	18.14 0.48 0.00	18.23 0.48 0.00	18.75 0.53 0.00	20.59 0.60 0.00	28.21 0.82 0.00	31.44 1.00 0.00	29.83 0.81 0.00	23.08 0.54 0.00	21.93 0.53 0.00	21.12 0.45 0.00	20.14 0.43 0.00	19.94 0.45 0.00	19.97 0.45 0.00	21.02 0.47 0.00	23.64 0.58 0.00	27.90 0.68 0.00	31.50 1.01 0.00	35.53 1.10 0.00	35.08 1.15 0.00	29.67 0.78 0.00	26.45 0.57 0.00	23.54 0.51 0.00
BOC_GAS_DRP 24189	19.18 0.39 0.00	18.23 0.34 0.00	17.97 0.30 0.00	18.03 0.28 0.00	18.55 0.33 0.00	20.39 0.40 0.00	27.93 0.55 0.00	31.17 0.73 0.00	29.59 0.58 0.00	22.95 0.41 0.00	21.80 0.41 0.00	21.02 0.35 0.00	20.04 0.33 0.00	19.84 0.35 0.00	19.85 0.33 0.00	20.92 0.37 0.00	23.52 0.46 0.00	27.77 0.54 0.00	31.32 0.82 0.00	35.29 0.86 0.00	34.85 0.92 0.00	29.44 0.55 0.00	26.24 0.36 0.00	23.36 0.32 0.00
BOONVILLE_115KV_TB1 79983	18.96 0.17 0.00	18.05 0.16 0.00	17.84 0.18 0.00	17.93 0.18 0.00	18.40 0.18 0.00	20.21 0.22 0.00	27.74 0.36 0.00	30.92 0.49 0.00	29.33 0.32 0.00	22.70 0.16 0.00	21.48 0.09 0.00	20.77 0.10 0.00	19.78 0.08 0.00	19.57 0.08 0.00	19.62 0.10 0.00	20.74 0.18 0.00	23.31 0.25 0.00	27.57 0.35 0.00	31.26 0.76 0.00	35.53 1.10 0.00	34.91 0.98 0.00	29.67 0.78 0.00	26.55 0.67 0.00	23.57 0.53 0.00
BORALEX_4TH_BRANCH 23824	19.26 0.47 0.00	18.29 0.39 0.00	17.99 0.32 0.00	18.03 0.28 0.00	18.58 0.36 0.00	20.45 0.46 0.00	28.02 0.63 0.00	31.32 0.88 0.00	29.62 0.61 0.00	22.88 0.34 0.00	21.74 0.34 0.00	20.95 0.29 0.00	19.96 0.26 0.00	19.78 0.29 0.00	19.79 0.27 0.00	20.84 0.29 0.00	23.48 0.42 0.00	27.77 0.54 0.00	31.53 1.04 0.00	35.40 0.96 0.00	34.95 1.02 0.00	29.50 0.61 0.00	26.19 0.31 0.00	23.27 0.23 0.00
BOWLINE___1 23526	19.54 0.75 0.00	18.50 0.61 0.00	18.22 0.55 0.00	18.28 0.53 0.00	18.80 0.58 0.00	20.75 0.76 0.00	28.51 1.12 0.00	31.99 1.55 0.00	30.46 1.45 0.00	23.69 1.15 0.01	22.42 1.03 0.00	21.61 0.95 0.00	20.59 0.89 0.00	20.37 0.88 0.00	20.38 0.86 0.00	21.50 0.95 0.00	24.21 1.20 0.05	28.64 1.44 0.02	32.33 1.83 0.00	36.50 2.07 0.00	36.07 2.14 0.00	30.13 1.24 0.00	26.86 0.98 0.00	23.80 0.76 0.00
BOWLINE___2 23595	19.54 0.75 0.00	18.50 0.61 0.00	18.22 0.55 0.00	18.28 0.53 0.00	18.80 0.58 0.00	20.75 0.76 0.00	28.51 1.12 0.00	31.99 1.55 0.00	30.46 1.45 0.00	23.69 1.15 0.01	22.42 1.03 0.00	21.61 0.95 0.00	20.59 0.89 0.00	20.37 0.88 0.00	20.38 0.86 0.00	21.50 0.95 0.00	24.21 1.20 0.05	28.64 1.44 0.02	32.33 1.83 0.00	36.50 2.07 0.00	36.07 2.14 0.00	30.13 1.24 0.00	26.86 0.98 0.00	23.80 0.76 0.00
BRADY___115KV_TB2 356060	18.47 -0.32 0.00	17.57 -0.32 0.00	17.37 -0.30 0.00	17.45 -0.30 0.00	17.93 -0.29 0.00	19.67 -0.32 0.00	27.11 -0.27 0.00	30.13 -0.30 0.00	28.78 -0.23 0.00	22.29 -0.25 0.00	21.10 -0.30 0.00	20.35 -0.31 0.00	19.47 -0.24 0.00	19.22 -0.27 0.00	19.25 -0.27 0.00	20.28 -0.27 0.00	22.81 -0.25 0.00	27.00 -0.22 0.00	30.01 -0.49 0.00	33.95 -0.48 0.00	33.32 -0.61 0.00	28.74 -0.14 0.00	25.75 -0.13 0.00	22.85 -0.18 0.00
BRANSCOMB___SOLAR 323811	19.37 0.58 0.00	18.41 0.52 0.00	18.16 0.49 0.00	18.25 0.50 0.00	18.77 0.55 0.00	20.65 0.66 0.00	28.40 1.01 0.00	31.71 1.28 0.00	30.09 1.07 0.00	23.22 0.68 0.00	22.02 0.62 0.00	21.20 0.54 0.00	20.21 0.51 0.00	20.00 0.51 0.00	20.05 0.53 0.00	21.11 0.56 0.00	23.78 0.72 0.00	28.09 0.87 0.00	31.81 1.31 0.00	35.98 1.55 0.00	35.56 1.63 0.00	29.96 1.07 0.00	26.60 0.72 0.00	23.66 0.62 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	20.48 1.50 -0.18	19.07 1.18 0.00	18.73 1.06 0.00	18.80 1.05 0.00	19.40 1.18 0.00	21.47 1.48 0.00	29.49 2.11 0.00	32.66 2.22 0.00	31.02 2.00 0.00	24.29 1.76 0.01	23.11 1.71 0.00	22.01 1.34 0.00	20.94 1.24 0.00	20.76 1.27 0.00	20.77 1.25 0.00	21.99 1.44 0.00	24.84 1.87 0.09	29.79 2.42 -0.15	33.48 2.99 0.00	37.63 3.20 0.00	37.29 3.36 0.00	32.58 2.31 -1.38	27.72 1.84 0.00	24.56 1.52 0.00



BRISTLHL_115KV_TB1 79998	18.55 -0.24 0.00	17.70 -0.20 0.00	17.51 -0.16 0.00	17.61 -0.14 0.00	18.04 -0.18 0.00	19.75 -0.24 0.00	27.06 -0.33 0.00	29.98 -0.46 0.00	28.49 -0.52 0.00	22.20 -0.34 0.00	21.07 -0.32 0.00	20.42 -0.25 0.00	19.47 -0.24 0.00	19.26 -0.23 0.00	19.26 -0.25 0.00	20.26 -0.29 0.00	22.65 -0.42 0.00	26.70 -0.52 0.00	30.01 -0.49 0.00	33.98 -0.45 0.00	33.45 -0.48 0.00	28.40 -0.49 0.00	25.57 -0.31 0.00	22.81 -0.23 0.00
BROOKHAVEN___DRP 24191	20.61 1.63 -0.18	19.20 1.31 0.00	18.83 1.17 0.00	18.92 1.17 0.00	19.51 1.29 0.00	21.57 1.58 0.00	29.55 2.16 0.00	32.51 2.07 0.00	30.75 1.74 0.00	24.22 1.69 0.01	23.11 1.71 0.00	21.86 1.20 0.00	20.89 1.18 0.00	20.64 1.15 0.00	20.59 1.07 0.00	21.83 1.27 0.00	24.73 1.75 0.09	29.60 2.23 -0.15	33.48 2.99 0.00	37.53 3.10 0.00	37.19 3.26 0.00	32.52 2.25 -1.38	27.59 1.71 0.00	24.51 1.47 0.00
BROOKLYN_NAVY_YARD 23515	19.71 0.92 0.00	18.61 0.72 0.00	18.32 0.65 0.00	18.37 0.62 0.00	18.91 0.69 0.00	20.93 0.94 0.00	28.84 1.45 0.00	32.46 2.01 -0.02	30.89 1.86 -0.02	24.22 1.44 -0.24	22.74 1.33 -0.02	21.92 1.24 -0.02	20.86 1.14 -0.02	20.65 1.15 -0.01	20.65 1.13 0.00	21.78 1.23 0.00	26.84 1.50 -2.28	29.88 1.82 -0.83	32.84 2.29 -0.05	37.03 2.58 -0.02	36.62 2.68 -0.02	30.53 1.65 0.00	27.15 1.27 0.00	24.01 0.97 0.00
BROOKLYN___ARMY_DRP 323595	19.93 1.13 -0.01	18.83 0.93 -0.01	18.48 0.81 0.00	18.53 0.78 0.00	19.11 0.89 0.00	21.11 1.12 0.00	29.03 1.64 0.00	32.58 2.13 -0.02	31.03 2.00 -0.02	24.35 1.58 -0.23	22.91 1.50 -0.02	22.02 1.34 -0.02	20.98 1.26 -0.02	20.75 1.25 -0.01	20.75 1.23 0.00	21.91 1.36 0.00	27.13 1.75 -2.32	30.16 2.10 -0.84	33.20 2.65 -0.05	37.30 2.86 -0.02	36.86 2.92 -0.02	30.77 1.88 0.00	27.41 1.53 0.00	24.28 1.24 0.00
BROOKVLE_69_KV_TB1 55790	20.33 1.35 -0.18	18.97 1.07 0.00	18.62 0.95 0.00	18.69 0.94 0.00	19.28 1.06 0.00	21.33 1.34 0.00	29.36 1.97 0.00	32.78 2.34 0.00	31.19 2.18 0.00	24.36 1.83 0.01	23.13 1.73 0.00	22.13 1.47 0.00	21.04 1.34 0.00	20.85 1.36 0.00	20.88 1.37 0.00	22.09 1.54 0.00	24.93 1.96 0.09	29.84 2.48 -0.15	33.51 3.02 0.00	37.81 3.37 0.00	37.42 3.49 0.00	32.61 2.34 -1.38	27.74 1.86 0.00	24.54 1.50 0.00
BROOME_2_LFGE 323671	19.13 0.34 0.00	18.31 0.41 0.00	18.07 0.41 0.00	18.18 0.43 0.00	18.66 0.44 0.00	20.45 0.46 0.00	27.90 0.52 0.00	30.89 0.46 0.00	29.39 0.38 0.00	22.88 0.34 0.00	21.74 0.34 0.00	21.02 0.35 0.00	20.02 0.31 0.00	19.78 0.29 0.00	19.81 0.29 0.00	20.84 0.29 0.00	23.27 0.21 0.00	27.41 0.19 0.00	30.86 0.37 0.00	34.95 0.52 0.00	34.37 0.44 0.00	29.09 0.20 0.00	26.14 0.26 0.00	23.36 0.32 0.00
BROOME___LFGE 323600	19.13 0.34 0.00	18.31 0.41 0.00	18.07 0.41 0.00	18.18 0.43 0.00	18.66 0.44 0.00	20.45 0.46 0.00	27.90 0.52 0.00	30.89 0.46 0.00	29.39 0.38 0.00	22.88 0.34 0.00	21.74 0.34 0.00	21.02 0.35 0.00	20.02 0.31 0.00	19.78 0.29 0.00	19.81 0.29 0.00	20.84 0.29 0.00	23.27 0.21 0.00	27.41 0.19 0.00	30.86 0.37 0.00	34.95 0.52 0.00	34.37 0.44 0.00	29.09 0.20 0.00	26.14 0.26 0.00	23.36 0.32 0.00
BROWNFLS_115KV_TB_3_5 80003	17.94 -0.85 0.00	17.07 -0.82 0.00	16.85 -0.81 0.00	16.93 -0.82 0.00	17.40 -0.82 0.00	19.09 -0.90 0.00	26.29 -1.10 0.00	29.28 -1.16 0.00	27.80 -1.22 0.00	21.44 -1.10 0.00	20.28 -1.11 0.00	19.59 -1.07 0.00	18.70 -1.00 0.00	18.48 -1.01 0.00	18.48 -1.03 0.00	19.57 -0.99 0.00	22.05 -1.01 0.00	26.16 -1.06 0.00	29.46 -1.04 0.00	33.57 -0.86 0.00	32.95 -0.98 0.00	28.20 -0.69 0.00	25.23 -0.65 0.00	22.37 -0.67 0.00
BROWNSV1_27_KV_LOAD 356125	19.90 1.11 0.00	18.77 0.88 0.00	18.44 0.78 0.00	18.50 0.75 0.00	19.08 0.86 0.00	21.09 1.10 0.00	29.06 1.67 0.00	32.64 2.19 -0.02	31.12 2.09 -0.02	24.42 1.65 -0.24	22.97 1.56 -0.02	22.11 1.43 -0.02	21.04 1.32 -0.02	20.81 1.31 -0.01	20.81 1.29 0.00	21.93 1.38 0.00	27.07 1.73 -2.28	30.15 2.10 -0.83	33.14 2.59 -0.05	37.34 2.89 -0.02	36.90 2.95 -0.02	30.74 1.85 0.00	27.35 1.48 0.00	24.19 1.15 0.00
BURROWS___LYONSDAL 23803	18.81 0.02 0.00	17.91 0.02 0.00	17.70 0.04 0.00	17.79 0.04 0.00	18.26 0.04 0.00	20.03 0.04 0.00	27.50 0.11 0.00	30.65 0.21 0.00	29.07 0.06 0.00	22.45 -0.09 0.00	21.25 -0.15 0.00	20.52 -0.14 0.00	19.57 -0.14 0.00	19.35 -0.14 0.00	19.38 -0.14 0.00	20.51 -0.04 0.00	23.08 0.02 0.00	27.36 0.14 0.00	31.02 0.52 0.00	35.36 0.93 0.00	34.74 0.81 0.00	29.52 0.64 0.00	26.42 0.54 0.00	23.43 0.39 0.00
CAITHNESS_CC_1 323624	20.51 1.54 -0.18	19.11 1.22 0.00	18.78 1.11 0.00	18.85 1.10 0.00	19.42 1.20 0.00	21.47 1.48 0.00	29.49 2.11 0.00	32.66 2.22 0.00	30.75 1.74 0.00	24.13 1.60 0.01	22.78 1.39 0.00	21.84 1.18 0.00	20.87 1.16 0.00	20.64 1.15 0.00	20.59 1.07 0.00	21.83 1.27 0.00	24.70 1.73 0.09	29.57 2.20 -0.15	33.42 2.93 0.00	37.39 2.96 0.00	37.12 3.19 0.00	32.44 2.17 -1.38	27.56 1.68 0.00	24.42 1.38 0.00
CALPINE BETH_PAGE_GT4 24209	20.23 1.26 -0.18	18.88 0.98 0.00	18.53 0.87 0.00	18.60 0.85 0.00	19.20 0.98 0.00	21.25 1.26 0.00	29.22 1.83 0.00	32.57 2.13 0.00	30.96 1.94 0.00	24.18 1.65 0.01	22.96 1.56 0.00	21.94 1.28 0.00	20.87 1.16 0.00	20.68 1.19 0.00	20.71 1.19 0.00	21.91 1.36 0.00	24.75 1.78 0.09	29.63 2.26 -0.15	33.27 2.78 0.00	37.50 3.06 0.00	37.15 3.22 0.00	32.38 2.11 -1.38	27.54 1.66 0.00	24.37 1.34 0.00
CALPINE_BETH_PAGE_GT_4 323586	20.23 1.26 -0.18	18.86 0.97 0.00	18.55 0.88 0.00	18.60 0.85 0.00	19.19 0.97 0.00	21.23 1.24 0.00	29.25 1.86 0.00	32.66 2.22 0.00	30.96 1.94 0.00	24.16 1.62 0.01	22.81 1.41 0.00	21.95 1.28 0.00	20.87 1.16 0.00	20.70 1.21 0.00	20.71 1.19 0.00	21.91 1.36 0.00	24.75 1.78 0.09	29.62 2.26 -0.15	33.27 2.77 0.00	37.46 3.03 0.00	37.16 3.23 0.00	32.38 2.11 -1.38	27.56 1.68 0.00	24.37 1.34 0.00
CALPINE_BP_GT1 23823	20.23 1.26 -0.18	18.86 0.97 0.00	18.55 0.88 0.00	18.60 0.85 0.00	19.19 0.97 0.00	21.23 1.24 0.00	29.25 1.86 0.00	32.66 2.22 0.00	30.96 1.94 0.00	24.16 1.62 0.01	22.81 1.41 0.00	21.95 1.28 0.00	20.87 1.16 0.00	20.70 1.21 0.00	20.71 1.19 0.00	21.91 1.36 0.00	24.75 1.78 0.09	29.62 2.26 -0.15	33.27 2.77 0.00	37.46 3.03 0.00	37.16 3.23 0.00	32.38 2.11 -1.38	27.56 1.68 0.00	24.37 1.34 0.00
CALSPAN___DRP 24200	18.58 -0.21 0.00	18.11 0.21 0.00	17.99 0.32 0.00	18.12 0.37 0.00	18.42 0.20 0.00	19.95 -0.04 0.00	26.56 -0.82 0.00	28.70 -1.73 0.00	27.16 -1.86 0.00	21.80 -0.74 0.00	20.73 -0.66 0.00	20.33 -0.33 0.00	19.23 -0.47 0.00	19.00 -0.49 0.00	19.07 -0.45 0.00	19.98 -0.58 0.00	21.79 -1.27 0.00	25.56 -1.66 0.00	28.67 -1.83 0.00	32.54 -1.89 0.00	31.86 -2.07 0.00	26.92 -1.96 0.00	24.51 -1.37 0.00	22.37 -0.67 0.00

CALVERTON___SOLAR 323806	20.68 1.71 -0.18	19.27 1.38 0.00	18.92 1.25 0.00	18.99 1.24 0.00	19.59 1.37 0.00	21.65 1.66 0.00	29.71 2.33 0.00	32.84 2.40 0.00	30.81 1.80 0.00	24.23 1.69 0.01	22.87 1.48 0.00	21.88 1.22 0.00	20.92 1.22 0.00	20.68 1.19 0.00	20.61 1.09 0.00	21.87 1.32 0.00	24.75 1.78 0.09	29.65 2.29 -0.15	33.61 3.11 0.00	37.56 3.13 0.00	37.29 3.36 0.00	32.64 2.37 -1.38	27.66 1.78 0.00	24.53 1.50 0.00
CANDIGU_WT_PWR 323617	19.39 0.60 0.00	18.64 0.75 0.00	18.44 0.78 0.00	18.57 0.82 0.00	19.04 0.82 0.00	20.85 0.86 0.00	28.40 1.01 0.00	31.29 0.85 0.00	29.71 0.70 0.00	22.97 0.43 0.00	21.82 0.43 0.00	21.08 0.41 0.00	20.08 0.37 0.00	19.82 0.33 0.00	19.85 0.33 0.00	20.84 0.29 0.00	23.20 0.14 0.00	27.33 0.11 0.00	30.83 0.34 0.00	35.08 0.65 0.00	34.47 0.54 0.00	29.12 0.23 0.00	26.19 0.31 0.00	23.50 0.46 0.00
CARR STREET_E_SYR 24060	18.75 -0.04 0.00	17.91 0.02 0.00	17.70 0.04 0.00	17.80 0.05 0.00	18.26 0.04 0.00	19.99 0.00 0.00	27.36 -0.03 0.00	30.25 -0.18 0.00	28.75 -0.26 0.00	22.45 -0.09 0.00	21.37 -0.02 0.00	20.66 0.00 0.00	19.72 0.02 0.00	19.49 0.00 0.00	19.52 0.00 0.00	20.51 -0.04 0.00	22.92 -0.14 0.00	26.92 -0.30 0.00	30.16 -0.33 0.00	34.12 -0.31 0.00	33.59 -0.34 0.00	28.60 -0.29 0.00	25.80 -0.08 0.00	23.01 -0.02 0.00
CARTHAGE___PAPER 23857	18.26 -0.53 0.00	17.37 -0.52 0.00	17.17 -0.49 0.00	17.25 -0.50 0.00	17.73 -0.49 0.00	19.45 -0.54 0.00	26.78 -0.60 0.00	29.80 -0.64 0.00	28.14 -0.87 0.00	21.62 -0.93 0.00	20.41 -0.98 0.00	19.71 -0.95 0.00	18.78 -0.93 0.00	18.56 -0.94 0.00	18.56 -0.96 0.00	19.67 -0.88 0.00	22.25 -0.81 0.00	26.49 -0.73 0.00	30.19 -0.30 0.00	34.57 0.14 0.00	33.93 0.00 0.00	28.92 0.03 0.00	25.85 -0.03 0.00	22.88 -0.16 0.00
CASSADAGA_WT_PWR 323784	19.02 0.23 0.00	18.39 0.50 0.00	18.13 0.46 0.00	18.34 0.58 0.00	18.60 0.38 0.00	20.11 0.12 0.00	26.98 -0.41 0.00	28.98 -1.46 0.00	27.24 -1.77 0.00	21.87 -0.68 0.00	21.05 -0.34 0.00	20.35 -0.31 0.00	19.21 -0.49 0.00	18.97 -0.53 0.00	18.99 -0.53 0.00	19.87 -0.68 0.00	21.72 -1.34 0.00	25.45 -1.77 0.00	28.67 -1.83 0.00	32.78 -1.65 0.00	32.20 -1.73 0.00	27.16 -1.73 0.00	24.66 -1.22 0.00	22.67 -0.37 0.00
CE_DUNWOOD___DRP 24194	19.65 0.86 0.00	18.59 0.70 0.00	18.27 0.60 0.00	18.34 0.59 0.00	18.89 0.67 0.00	20.87 0.88 0.00	28.67 1.29 0.00	32.14 1.70 0.00	30.64 1.62 0.00	23.82 1.28 0.01	22.61 1.22 0.00	21.74 1.07 0.00	20.71 1.00 0.00	20.48 0.99 0.00	20.49 0.98 0.00	21.62 1.07 0.00	24.34 1.36 0.08	28.83 1.63 0.03	32.57 2.07 0.00	36.74 2.31 0.00	36.34 2.41 0.00	30.33 1.44 0.00	26.99 1.11 0.00	23.91 0.88 0.00
CE_MILLWOOD___DRP 24193	19.62 0.83 0.00	18.56 0.66 0.00	18.25 0.58 0.00	18.32 0.57 0.00	18.88 0.66 0.00	20.83 0.84 0.00	28.62 1.23 0.00	32.08 1.64 0.00	30.58 1.57 0.00	23.78 1.24 0.01	22.55 1.16 0.00	21.70 1.03 0.00	20.65 0.95 0.00	20.43 0.94 0.00	20.44 0.92 0.00	21.56 1.01 0.00	24.29 1.29 0.07	28.75 1.55 0.02	32.48 1.98 0.00	36.67 2.24 0.00	36.24 2.31 0.00	30.28 1.39 0.00	26.94 1.06 0.00	23.87 0.83 0.00
CE_NYC2_DRP 24202	19.87 1.07 -0.01	18.78 0.88 -0.01	18.44 0.78 0.00	18.50 0.75 0.00	19.08 0.86 0.00	21.07 1.08 0.00	28.97 1.59 0.00	32.49 2.04 -0.02	31.00 1.97 -0.02	24.33 1.56 -0.23	22.87 1.45 -0.02	22.00 1.32 -0.02	20.94 1.22 -0.02	20.71 1.21 -0.01	20.71 1.19 0.00	21.85 1.29 0.00	27.06 1.68 -2.32	30.08 2.01 -0.84	33.02 2.47 -0.05	37.13 2.69 -0.02	36.73 2.78 -0.02	30.62 1.73 0.00	27.28 1.40 0.00	24.17 1.13 0.00
CE_NYC_DRP 24195	19.75 0.96 0.00	18.66 0.77 0.00	18.34 0.67 0.00	18.41 0.66 0.00	18.97 0.75 0.00	20.97 0.98 0.00	28.89 1.51 0.00	32.43 1.98 -0.02	30.92 1.89 -0.02	24.27 1.49 -0.24	22.84 1.43 -0.02	21.96 1.28 -0.02	20.90 1.18 -0.02	20.67 1.17 -0.01	20.67 1.15 0.00	21.81 1.25 0.00	26.91 1.57 -2.28	29.93 1.88 -0.84	32.90 2.35 -0.05	37.06 2.62 -0.02	36.63 2.68 -0.02	30.54 1.65 0.00	27.17 1.29 0.00	24.05 1.01 0.00
CHAFFEE___LFGE 323603	18.73 -0.06 0.00	18.29 0.39 0.00	18.04 0.37 0.00	18.16 0.41 0.00	18.62 0.40 0.00	20.13 0.14 0.00	26.70 -0.68 0.00	28.79 -1.64 0.00	27.30 -1.71 0.00	21.91 -0.63 0.00	21.14 -0.26 0.00	20.44 -0.23 0.00	19.33 -0.37 0.00	19.10 -0.39 0.00	19.19 -0.33 0.00	20.10 -0.45 0.00	21.98 -1.08 0.00	25.78 -1.44 0.00	28.88 -1.62 0.00	32.81 -1.62 0.00	32.10 -1.83 0.00	27.13 -1.76 0.00	24.66 -1.22 0.00	22.51 -0.53 0.00
CHATEAUG_35_KV_LOAD 355732	18.17 -0.62 0.00	17.32 -0.57 0.00	17.12 -0.55 0.00	17.22 -0.53 0.00	17.66 -0.56 0.00	19.37 -0.62 0.00	26.62 -0.77 0.00	29.61 -0.82 0.00	28.35 -0.67 0.00	21.91 -0.63 0.00	20.77 -0.62 0.00	20.00 -0.66 0.00	19.17 -0.53 0.00	18.93 -0.57 0.00	18.99 -0.53 0.00	20.08 -0.47 0.00	22.53 -0.53 0.00	26.81 -0.41 0.00	29.73 -0.76 0.00	33.64 -0.79 0.00	32.98 -0.95 0.00	28.40 -0.49 0.00	25.49 -0.39 0.00	22.65 -0.39 0.00
CHATEAUG_WT_PWR 323614	18.13 -0.66 0.00	17.29 -0.61 0.00	17.10 -0.57 0.00	17.18 -0.57 0.00	17.62 -0.60 0.00	19.35 -0.64 0.00	26.59 -0.80 0.00	29.55 -0.88 0.00	28.32 -0.70 0.00	21.91 -0.63 0.00	20.77 -0.62 0.00	20.00 -0.66 0.00	19.17 -0.53 0.00	18.92 -0.57 0.00	18.99 -0.53 0.00	20.08 -0.47 0.00	22.51 -0.55 0.00	26.73 -0.49 0.00	29.67 -0.82 0.00	33.57 -0.86 0.00	32.88 -1.05 0.00	28.28 -0.61 0.00	25.41 -0.47 0.00	22.58 -0.46 0.00
CHAT_HIGH_FALL_HYD 323578	18.17 -0.62 0.00	17.32 -0.57 0.00	17.12 -0.55 0.00	17.22 -0.53 0.00	17.66 -0.56 0.00	19.37 -0.62 0.00	26.62 -0.77 0.00	29.61 -0.82 0.00	28.35 -0.67 0.00	21.91 -0.63 0.00	20.77 -0.62 0.00	20.00 -0.66 0.00	19.17 -0.53 0.00	18.93 -0.57 0.00	18.99 -0.53 0.00	20.08 -0.47 0.00	22.53 -0.53 0.00	26.81 -0.41 0.00	29.73 -0.76 0.00	33.64 -0.79 0.00	32.98 -0.95 0.00	28.40 -0.49 0.00	25.49 -0.39 0.00	22.65 -0.39 0.00
CHAUTAUQUA___LFGE 323629	18.88 0.09 0.00	18.38 0.48 0.00	18.13 0.46 0.00	18.28 0.53 0.00	18.68 0.46 0.00	20.19 0.20 0.00	26.86 -0.52 0.00	28.98 -1.46 0.00	27.21 -1.80 0.00	21.84 -0.70 0.00	21.07 -0.32 0.00	20.37 -0.29 0.00	19.25 -0.45 0.00	19.00 -0.49 0.00	19.07 -0.45 0.00	19.96 -0.60 0.00	21.82 -1.25 0.00	25.59 -1.63 0.00	28.76 -1.74 0.00	32.75 -1.69 0.00	32.10 -1.83 0.00	27.13 -1.76 0.00	24.64 -1.24 0.00	22.53 -0.51 0.00
CHERRYST_13_KV_LD 356241	19.79 1.00 0.00	18.70 0.81 0.00	18.37 0.71 0.00	18.44 0.69 0.00	19.00 0.78 0.00	21.03 1.04 0.00	28.97 1.59 0.00	32.52 2.07 -0.02	31.00 1.97 -0.02	24.36 1.58 -0.24	22.91 1.50 -0.02	22.02 1.34 -0.02	20.96 1.24 -0.02	20.73 1.23 -0.01	20.73 1.21 0.00	21.87 1.32 0.00	26.98 1.64 -2.28	30.04 1.99 -0.84	32.99 2.44 -0.05	37.17 2.72 -0.02	36.73 2.78 -0.02	30.62 1.73 0.00	27.22 1.35 0.00	24.10 1.06 0.00

CHESTROR_138KV_BK263 355645	19.43 0.64 0.00	18.41 0.52 0.00	18.11 0.44 0.00	18.19 0.44 0.00	18.71 0.49 0.00	20.63 0.64 0.00	28.32 0.93 0.00	31.75 1.31 0.00	30.23 1.22 0.00	23.51 0.97 0.00	22.29 0.90 0.00	21.47 0.81 0.00	20.43 0.73 0.00	20.21 0.72 0.00	20.24 0.72 0.00	21.33 0.78 0.00	24.05 1.01 0.03	28.41 1.20 0.01	32.08 1.59 0.00	36.22 1.79 0.00	35.80 1.87 0.00	29.99 1.10 0.00	26.71 0.83 0.00	23.68 0.65 0.00
CH_MIDHUDSON___DRP 24192	19.50 0.71 0.00	18.47 0.57 0.00	18.18 0.51 0.00	18.25 0.50 0.00	18.78 0.56 0.00	20.69 0.70 0.00	28.40 1.01 0.00	31.81 1.37 0.00	30.26 1.25 0.00	23.44 0.90 0.00	22.25 0.86 0.00	21.41 0.74 0.00	20.37 0.67 0.00	20.19 0.70 0.00	20.20 0.68 0.00	21.31 0.76 0.00	24.05 0.99 0.00	28.42 1.20 0.00	32.11 1.62 0.00	36.22 1.79 0.00	35.80 1.87 0.00	30.02 1.13 0.00	26.68 0.80 0.00	23.68 0.65 0.00
CH_MISC_IPPS 23765	19.58 0.79 0.00	18.54 0.64 0.00	18.25 0.58 0.00	18.34 0.58 0.00	18.84 0.62 0.00	20.77 0.78 0.00	28.59 1.20 0.00	32.05 1.61 0.00	30.46 1.45 0.00	23.60 1.06 0.00	22.34 0.94 0.00	21.53 0.87 0.00	20.47 0.77 0.00	20.27 0.78 0.00	20.30 0.78 0.00	21.44 0.88 0.00	24.19 1.13 0.00	28.61 1.39 0.00	32.33 1.83 0.00	36.53 2.10 0.00	36.13 2.20 0.00	30.25 1.36 0.00	26.89 1.01 0.00	23.84 0.81 0.00
CH_RES_BVR_FALLS 23983	18.43 -0.36 0.00	17.54 -0.36 0.00	17.31 -0.35 0.00	17.38 -0.37 0.00	17.82 -0.40 0.00	19.53 -0.46 0.00	26.81 -0.58 0.00	29.71 -0.73 0.00	28.38 -0.64 0.00	21.98 -0.56 0.00	20.84 -0.56 0.00	20.13 -0.54 0.00	19.21 -0.49 0.00	18.98 -0.51 0.00	19.03 -0.49 0.00	20.06 -0.49 0.00	22.55 -0.51 0.00	26.70 -0.52 0.00	29.85 -0.64 0.00	33.74 -0.69 0.00	33.28 -0.65 0.00	28.51 -0.38 0.00	25.57 -0.31 0.00	22.76 -0.28 0.00
CH_RES_NIAGARA 23895	17.98 -0.81 0.00	17.57 -0.32 0.00	17.33 -0.34 0.00	17.45 -0.30 0.00	17.89 -0.33 0.00	19.29 -0.70 0.00	25.44 -1.94 0.00	27.36 -3.07 0.00	25.97 -3.05 0.00	20.85 -1.69 0.00	20.15 -1.24 0.00	19.51 -1.16 0.00	18.44 -1.26 0.00	18.22 -1.27 0.00	18.29 -1.23 0.00	19.15 -1.40 0.00	20.89 -2.17 0.00	24.50 -2.72 0.00	27.42 -3.08 0.00	31.02 -3.41 0.00	30.40 -3.53 0.00	25.74 -3.15 0.00	23.45 -2.43 0.00	21.45 -1.59 0.00
CH_RES_SYRACUSE 23985	18.87 0.08 0.00	18.02 0.13 0.00	17.81 0.14 0.00	17.93 0.18 0.00	18.38 0.16 0.00	20.13 0.14 0.00	27.55 0.17 0.00	30.53 0.09 0.00	29.01 0.00 0.00	22.61 0.07 0.00	21.52 0.13 0.00	20.81 0.15 0.00	19.84 0.14 0.00	19.61 0.12 0.00	19.64 0.12 0.00	20.63 0.08 0.00	23.06 0.00 0.00	27.17 -0.05 0.00	30.53 0.03 0.00	34.57 0.14 0.00	34.03 0.10 0.00	28.89 0.00 0.00	25.98 0.10 0.00	23.18 0.14 0.00
CLINTON_WT_PWR 323605	18.13 -0.66 0.00	17.29 -0.61 0.00	17.10 -0.57 0.00	17.18 -0.57 0.00	17.62 -0.60 0.00	19.35 -0.64 0.00	26.59 -0.80 0.00	29.55 -0.88 0.00	28.32 -0.70 0.00	21.91 -0.63 0.00	20.77 -0.62 0.00	20.00 -0.66 0.00	19.17 -0.53 0.00	18.92 -0.57 0.00	18.99 -0.53 0.00	20.08 -0.47 0.00	22.51 -0.55 0.00	26.73 -0.49 0.00	29.67 -0.82 0.00	33.57 -0.86 0.00	32.88 -1.05 0.00	28.28 -0.61 0.00	25.41 -0.47 0.00	22.58 -0.46 0.00
CLINTON___LFGE 323618	18.34 -0.45 0.00	17.46 -0.43 0.00	17.28 -0.39 0.00	17.38 -0.37 0.00	17.82 -0.40 0.00	19.55 -0.44 0.00	26.92 -0.47 0.00	29.92 -0.52 0.00	28.67 -0.35 0.00	22.16 -0.38 0.00	21.01 -0.38 0.00	20.23 -0.43 0.00	19.41 -0.30 0.00	19.14 -0.35 0.00	19.21 -0.31 0.00	20.33 -0.23 0.00	22.81 -0.25 0.00	27.11 -0.11 0.00	30.10 -0.40 0.00	34.05 -0.38 0.00	33.32 -0.61 0.00	28.63 -0.26 0.00	25.72 -0.15 0.00	22.85 -0.19 0.00
COBBLENY_34_KV_TB1 80064	18.62 -0.17 0.00	18.14 0.25 0.00	18.04 0.37 0.00	18.16 0.41 0.00	18.46 0.24 0.00	20.01 0.02 0.00	26.65 -0.74 0.00	28.79 -1.64 0.00	27.27 -1.74 0.00	21.91 -0.63 0.00	20.84 -0.56 0.00	20.44 -0.23 0.00	19.33 -0.37 0.00	19.10 -0.39 0.00	19.19 -0.33 0.00	20.10 -0.45 0.00	21.93 -1.13 0.00	25.75 -1.47 0.00	28.88 -1.62 0.00	32.78 -1.65 0.00	32.10 -1.83 0.00	27.10 -1.79 0.00	24.66 -1.22 0.00	22.51 -0.53 0.00
COFFEEN___115KV_TB3 355620	18.51 -0.28 0.00	17.63 -0.27 0.00	17.45 -0.21 0.00	17.56 -0.20 0.00	18.04 -0.18 0.00	19.79 -0.20 0.00	27.28 -0.11 0.00	30.35 -0.09 0.00	28.52 -0.49 0.00	21.87 -0.68 0.00	20.65 -0.75 0.00	19.96 -0.70 0.00	19.01 -0.69 0.00	18.79 -0.70 0.00	18.78 -0.74 0.00	19.87 -0.68 0.00	22.44 -0.62 0.00	26.70 -0.52 0.00	30.59 0.09 0.00	35.09 0.65 0.00	34.40 0.48 0.00	29.29 0.40 0.00	26.22 0.34 0.00	23.18 0.14 0.00
COLDSPRG_115KV_BK1 355956	19.32 0.53 0.00	18.73 0.84 0.00	18.60 0.94 0.00	18.78 1.03 0.00	19.02 0.80 0.00	20.65 0.66 0.00	27.77 0.38 0.00	30.01 -0.43 0.00	28.38 -0.64 0.00	22.77 0.23 0.00	21.63 0.24 0.00	21.16 0.50 0.00	19.98 0.28 0.00	19.72 0.23 0.00	19.75 0.23 0.00	20.68 0.12 0.00	22.62 -0.44 0.00	26.51 -0.71 0.00	29.83 -0.67 0.00	34.05 -0.38 0.00	33.39 -0.54 0.00	28.14 -0.75 0.00	25.62 -0.26 0.00	23.38 0.35 0.00
COLONIE_LFGE___ 323577	19.24 0.45 0.00	18.27 0.38 0.00	18.02 0.35 0.00	18.09 0.34 0.00	18.58 0.36 0.00	20.45 0.46 0.00	28.07 0.68 0.00	31.38 0.94 0.00	29.71 0.70 0.00	22.99 0.45 0.00	21.80 0.41 0.00	21.04 0.37 0.00	20.06 0.36 0.00	19.86 0.37 0.00	19.89 0.37 0.00	20.94 0.39 0.00	23.57 0.51 0.00	27.82 0.60 0.00	31.50 1.00 0.00	35.53 1.10 0.00	35.08 1.15 0.00	29.58 0.69 0.00	26.32 0.44 0.00	23.41 0.37 0.00
COOPERNY_115KV_TB1 80082	19.30 0.51 0.00	18.31 0.41 0.00	18.04 0.37 0.00	18.11 0.36 0.00	18.62 0.40 0.00	20.51 0.52 0.00	28.13 0.74 0.00	31.41 0.97 0.00	30.00 0.99 0.00	23.33 0.79 0.00	22.14 0.75 0.00	21.33 0.66 0.00	20.29 0.59 0.00	20.08 0.58 0.00	20.10 0.59 0.00	21.19 0.64 0.00	23.87 0.81 0.00	28.17 0.95 0.00	31.75 1.25 0.00	35.88 1.45 0.00	35.39 1.46 0.00	29.76 0.87 0.00	26.58 0.70 0.00	23.59 0.55 0.00
COPENHAGEN_WT_PWR 323753	18.43 -0.36 0.00	17.55 -0.34 0.00	17.37 -0.30 0.00	17.47 -0.28 0.00	17.95 -0.27 0.00	19.67 -0.32 0.00	27.06 -0.33 0.00	30.07 -0.36 0.00	28.35 -0.67 0.00	21.82 -0.72 0.00	20.65 -0.75 0.00	19.94 -0.72 0.00	19.01 -0.69 0.00	18.77 -0.72 0.00	18.78 -0.74 0.00	19.85 -0.70 0.00	22.37 -0.69 0.00	26.57 -0.65 0.00	30.34 -0.15 0.00	34.71 0.27 0.00	34.07 0.14 0.00	29.00 0.12 0.00	25.98 0.10 0.00	23.01 -0.02 0.00
CORNELL_____ 23752	19.32 0.53 0.00	18.47 0.57 0.00	18.27 0.60 0.00	18.39 0.64 0.00	18.84 0.62 0.00	20.67 0.68 0.00	28.37 0.99 0.00	31.44 1.00 0.00	29.83 0.81 0.00	23.17 0.63 0.00	21.89 0.49 0.00	21.18 0.52 0.00	20.18 0.47 0.00	19.94 0.45 0.00	19.97 0.45 0.00	21.02 0.47 0.00	23.55 0.48 0.00	27.82 0.60 0.00	31.41 0.91 0.00	35.67 1.24 0.00	35.08 1.15 0.00	29.67 0.78 0.00	26.63 0.75 0.00	23.75 0.71 0.00

CORONA_69_KV_TB1 355595	20.23 1.26 -0.18	18.90 1.00 0.00	18.57 0.90 0.00	18.64 0.89 0.00	19.20 0.98 0.00	21.25 1.26 0.00	29.22 1.83 0.00	32.60 2.16 0.00	31.02 2.00 0.00	24.20 1.67 0.01	22.98 1.58 0.00	22.01 1.34 0.00	20.90 1.20 0.00	20.72 1.23 0.00	20.75 1.23 0.00	21.93 1.38 0.00	24.75 1.78 0.09	29.60 2.23 -0.15	33.24 2.74 0.00	37.46 3.03 0.00	37.08 3.16 0.00	32.35 2.08 -1.38	27.56 1.68 0.00	24.40 1.36 0.00
CORTLAND_115KV_TB3 80093	19.13 0.34 0.00	18.27 0.38 0.00	18.07 0.41 0.00	18.19 0.44 0.00	18.64 0.42 0.00	20.45 0.46 0.00	28.02 0.63 0.00	31.05 0.61 0.00	29.51 0.49 0.00	22.93 0.38 0.00	21.72 0.32 0.00	21.04 0.37 0.00	20.04 0.33 0.00	19.82 0.33 0.00	19.85 0.33 0.00	20.88 0.33 0.00	23.36 0.30 0.00	27.55 0.33 0.00	31.05 0.55 0.00	35.19 0.76 0.00	34.64 0.71 0.00	29.35 0.46 0.00	26.34 0.47 0.00	23.50 0.46 0.00
COXSACKIE___GT 23611	19.90 1.11 0.00	18.90 1.00 0.00	18.62 0.95 0.00	18.74 0.99 0.00	19.28 1.06 0.00	21.23 1.24 0.00	29.41 2.03 0.00	32.81 2.38 0.00	30.90 1.88 0.00	23.58 1.04 0.00	22.27 0.88 0.00	21.39 0.72 0.00	20.33 0.63 0.00	20.17 0.68 0.00	20.24 0.72 0.00	21.35 0.80 0.00	24.10 1.04 0.00	28.61 1.39 0.00	32.54 2.04 0.00	37.02 2.58 0.00	36.65 2.72 0.00	30.85 1.97 0.00	27.33 1.45 0.00	24.35 1.31 0.00
CPV_VALLEY___CC1 323721	19.30 0.51 0.00	18.29 0.39 0.00	18.02 0.35 0.00	18.09 0.34 0.00	18.60 0.38 0.00	20.51 0.52 0.00	28.13 0.74 0.00	31.50 1.06 0.00	29.97 0.96 0.00	23.31 0.77 0.00	22.08 0.68 0.00	21.31 0.64 0.00	20.28 0.57 0.00	20.07 0.58 0.00	20.08 0.57 0.00	21.17 0.62 0.00	23.87 0.81 0.00	28.17 0.95 0.00	31.78 1.28 0.00	35.88 1.45 0.00	35.42 1.49 0.00	29.73 0.84 0.00	26.50 0.62 0.00	23.52 0.48 0.00
CPV_VALLEY___CC2 323722	19.30 0.51 0.00	18.29 0.39 0.00	18.02 0.35 0.00	18.09 0.34 0.00	18.60 0.38 0.00	20.51 0.52 0.00	28.13 0.74 0.00	31.50 1.06 0.00	29.97 0.96 0.00	23.31 0.77 0.00	22.08 0.68 0.00	21.31 0.64 0.00	20.28 0.57 0.00	20.07 0.58 0.00	20.08 0.57 0.00	21.17 0.62 0.00	23.87 0.81 0.00	28.17 0.95 0.00	31.78 1.28 0.00	35.88 1.45 0.00	35.42 1.49 0.00	29.73 0.84 0.00	26.50 0.62 0.00	23.52 0.48 0.00
CRESCENT___HYD 24018	19.24 0.45 0.00	18.27 0.38 0.00	18.02 0.35 0.00	18.09 0.34 0.00	18.58 0.36 0.00	20.45 0.46 0.00	28.07 0.68 0.00	31.38 0.94 0.00	29.71 0.70 0.00	22.99 0.45 0.00	21.80 0.41 0.00	21.04 0.37 0.00	20.06 0.36 0.00	19.86 0.37 0.00	19.89 0.37 0.00	20.94 0.39 0.00	23.57 0.51 0.00	27.82 0.60 0.00	31.50 1.00 0.00	35.53 1.10 0.00	35.08 1.15 0.00	29.58 0.69 0.00	26.32 0.44 0.00	23.41 0.37 0.00
CRICKET___VALLEY_CC1 323756	19.32 0.53 0.00	18.31 0.41 0.00	18.02 0.35 0.00	18.09 0.34 0.00	18.60 0.38 0.00	20.47 0.48 0.00	28.04 0.66 0.00	31.44 1.00 0.00	29.80 0.78 0.00	23.11 0.56 0.00	21.91 0.51 0.00	21.16 0.50 0.00	20.16 0.45 0.00	19.96 0.47 0.00	19.97 0.45 0.00	21.04 0.49 0.00	23.68 0.62 0.00	27.98 0.76 0.00	31.68 1.19 0.00	35.64 1.20 0.00	35.22 1.29 0.00	29.58 0.69 0.00	26.29 0.41 0.00	23.34 0.30 0.00
CRICKET___VALLEY_CC2 323757	19.32 0.53 0.00	18.31 0.41 0.00	18.02 0.35 0.00	18.09 0.34 0.00	18.60 0.38 0.00	20.47 0.48 0.00	28.04 0.66 0.00	31.44 1.00 0.00	29.80 0.78 0.00	23.11 0.56 0.00	21.91 0.51 0.00	21.16 0.50 0.00	20.16 0.45 0.00	19.96 0.47 0.00	19.97 0.45 0.00	21.04 0.49 0.00	23.68 0.62 0.00	27.98 0.76 0.00	31.68 1.19 0.00	35.64 1.20 0.00	35.22 1.29 0.00	29.58 0.69 0.00	26.29 0.41 0.00	23.34 0.30 0.00
CRICKET___VALLEY_CC3 323758	19.32 0.53 0.00	18.31 0.41 0.00	18.02 0.35 0.00	18.09 0.34 0.00	18.60 0.38 0.00	20.47 0.48 0.00	28.04 0.66 0.00	31.44 1.00 0.00	29.80 0.78 0.00	23.11 0.56 0.00	21.91 0.51 0.00	21.16 0.50 0.00	20.16 0.45 0.00	19.96 0.47 0.00	19.97 0.45 0.00	21.04 0.49 0.00	23.68 0.62 0.00	27.98 0.76 0.00	31.68 1.19 0.00	35.64 1.20 0.00	35.22 1.29 0.00	29.58 0.69 0.00	26.29 0.41 0.00	23.34 0.30 0.00
CRUCIBLE_METL_DRP 24180	18.85 0.06 0.00	18.00 0.11 0.00	17.81 0.14 0.00	17.93 0.18 0.00	18.35 0.13 0.00	20.11 0.12 0.00	27.55 0.16 0.00	30.53 0.09 0.00	29.01 0.00 0.00	22.61 0.07 0.00	21.46 0.06 0.00	20.81 0.14 0.00	19.84 0.14 0.00	19.61 0.12 0.00	19.64 0.12 0.00	20.63 0.08 0.00	23.06 0.00 0.00	27.17 -0.05 0.00	30.53 0.03 0.00	34.57 0.14 0.00	34.03 0.10 0.00	28.89 0.00 0.00	25.98 0.10 0.00	23.18 0.14 0.00
DAHOWA___HYDRO 323763	19.39 0.60 0.00	18.43 0.54 0.00	18.18 0.51 0.00	18.27 0.52 0.00	18.79 0.57 0.00	20.69 0.70 0.00	28.48 1.10 0.00	31.81 1.37 0.00	30.14 1.13 0.00	23.24 0.70 0.00	22.04 0.64 0.00	21.22 0.56 0.00	20.24 0.53 0.00	20.02 0.53 0.00	20.06 0.55 0.00	21.13 0.57 0.00	23.82 0.76 0.00	28.12 0.90 0.00	31.87 1.37 0.00	36.12 1.69 0.00	35.69 1.76 0.00	30.01 1.13 0.00	26.65 0.78 0.00	23.71 0.67 0.00
DANC___LFGE 323619	18.47 -0.32 0.00	17.63 -0.27 0.00	17.44 -0.23 0.00	17.52 -0.23 0.00	18.00 -0.22 0.00	19.69 -0.30 0.00	27.03 -0.36 0.00	30.01 -0.43 0.00	28.35 -0.67 0.00	21.96 -0.59 0.00	20.82 -0.58 0.00	20.13 -0.54 0.00	19.19 -0.51 0.00	18.97 -0.53 0.00	18.95 -0.57 0.00	20.00 -0.55 0.00	22.44 -0.62 0.00	26.60 -0.63 0.00	30.16 -0.33 0.00	34.40 -0.03 0.00	33.79 -0.14 0.00	28.74 -0.14 0.00	25.83 -0.05 0.00	22.92 -0.11 0.00
DANSKAMMER___1 23586	19.58 0.79 0.00	18.54 0.64 0.00	18.25 0.58 0.00	18.34 0.58 0.00	18.84 0.62 0.00	20.77 0.78 0.00	28.59 1.20 0.00	32.05 1.61 0.00	30.46 1.45 0.00	23.60 1.06 0.00	22.34 0.94 0.00	21.53 0.87 0.00	20.47 0.77 0.00	20.27 0.78 0.00	20.30 0.78 0.00	21.44 0.88 0.00	24.19 1.13 0.00	28.61 1.39 0.00	32.33 1.83 0.00	36.53 2.10 0.00	36.13 2.20 0.00	30.25 1.36 0.00	26.89 1.01 0.00	23.84 0.81 0.00
DANSKAMMER___2 23589	19.58 0.79 0.00	18.54 0.64 0.00	18.25 0.58 0.00	18.34 0.58 0.00	18.84 0.62 0.00	20.77 0.78 0.00	28.59 1.20 0.00	32.05 1.61 0.00	30.46 1.45 0.00	23.60 1.06 0.00	22.34 0.94 0.00	21.53 0.87 0.00	20.47 0.77 0.00	20.27 0.78 0.00	20.30 0.78 0.00	21.44 0.88 0.00	24.19 1.13 0.00	28.61 1.39 0.00	32.33 1.83 0.00	36.53 2.10 0.00	36.13 2.20 0.00	30.25 1.36 0.00	26.89 1.01 0.00	23.84 0.81 0.00
DANSKAMMER___3 23590	19.58 0.79 0.00	18.54 0.64 0.00	18.25 0.58 0.00	18.34 0.58 0.00	18.84 0.62 0.00	20.77 0.78 0.00	28.59 1.20 0.00	32.05 1.61 0.00	30.46 1.45 0.00	23.60 1.06 0.00	22.34 0.94 0.00	21.53 0.87 0.00	20.47 0.77 0.00	20.27 0.78 0.00	20.30 0.78 0.00	21.44 0.88 0.00	24.19 1.13 0.00	28.61 1.39 0.00	32.33 1.83 0.00	36.53 2.10 0.00	36.13 2.20 0.00	30.25 1.36 0.00	26.89 1.01 0.00	23.84 0.81 0.00

DANSKAMMER___4 23591	19.58 0.79 0.00	18.54 0.64 0.00	18.25 0.58 0.00	18.34 0.58 0.00	18.84 0.62 0.00	20.77 0.78 0.00	28.59 1.20 0.00	32.05 1.61 0.00	30.46 1.45 0.00	23.60 1.06 0.00	22.34 0.94 0.00	21.53 0.87 0.00	20.47 0.77 0.00	20.27 0.78 0.00	20.30 0.78 0.00	21.44 0.88 0.00	24.19 1.13 0.00	28.61 1.39 0.00	32.33 1.83 0.00	36.53 2.10 0.00	36.13 2.20 0.00	30.25 1.36 0.00	26.89 1.01 0.00	23.84 0.81 0.00
DANSKAMMER___DIESEL 23592	19.60 0.81 0.00	18.56 0.66 0.00	18.25 0.58 0.00	18.34 0.59 0.00	18.86 0.64 0.00	20.79 0.80 0.00	28.59 1.20 0.00	32.02 1.58 0.00	30.46 1.45 0.00	23.60 1.06 0.00	22.38 0.98 0.00	21.53 0.87 0.00	20.47 0.77 0.00	20.27 0.78 0.00	20.30 0.78 0.00	21.44 0.88 0.00	24.19 1.13 0.00	28.61 1.39 0.00	32.33 1.83 0.00	36.53 2.10 0.00	36.14 2.21 0.00	30.25 1.36 0.00	26.89 1.01 0.00	23.84 0.81 0.00
DARBY___SOLAR 323810	19.39 0.60 0.00	18.43 0.54 0.00	18.18 0.51 0.00	18.25 0.50 0.00	18.79 0.57 0.00	20.67 0.68 0.00	28.43 1.04 0.00	31.77 1.34 0.00	30.12 1.10 0.00	23.24 0.70 0.00	22.04 0.64 0.00	21.22 0.56 0.00	20.21 0.51 0.00	20.02 0.53 0.00	20.06 0.55 0.00	21.13 0.57 0.00	23.80 0.74 0.00	28.12 0.90 0.00	31.84 1.34 0.00	36.05 1.62 0.00	35.59 1.66 0.00	29.99 1.10 0.00	26.63 0.75 0.00	23.68 0.64 0.00
DASHVILLE___HYD 23610	19.37 0.58 0.00	18.32 0.43 0.00	18.04 0.37 0.00	18.11 0.36 0.00	18.64 0.42 0.00	20.53 0.54 0.00	28.21 0.82 0.00	31.59 1.16 0.00	30.06 1.04 0.00	23.29 0.74 0.00	22.12 0.73 0.00	21.26 0.60 0.00	20.24 0.53 0.00	20.04 0.55 0.00	20.05 0.53 0.00	21.15 0.60 0.00	23.89 0.83 0.00	28.23 1.01 0.00	31.90 1.40 0.00	36.02 1.58 0.00	35.63 1.70 0.00	29.81 0.92 0.00	26.53 0.65 0.00	23.54 0.51 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	21.08 2.10 -0.18	19.63 1.74 0.00	19.26 1.59 0.00	19.35 1.60 0.00	19.97 1.75 0.00	22.09 2.10 0.00	30.29 2.90 0.00	33.27 2.83 0.00	31.42 2.41 0.00	24.72 2.19 0.01	23.60 2.20 0.00	22.23 1.57 0.00	21.24 1.54 0.00	20.95 1.46 0.00	20.90 1.39 0.00	22.20 1.64 0.00	25.14 2.17 0.09	30.14 2.78 -0.15	34.22 3.72 0.00	38.36 3.93 0.00	38.00 4.07 0.00	33.19 2.92 -1.38	28.10 2.23 0.00	25.00 1.96 0.00
DELAWARE___LFGE 323621	19.43 0.64 0.00	18.50 0.61 0.00	18.27 0.60 0.00	18.35 0.60 0.00	18.86 0.64 0.00	20.75 0.76 0.00	28.48 1.10 0.00	31.62 1.19 0.00	30.09 1.07 0.00	23.38 0.83 0.00	22.17 0.77 0.00	21.39 0.72 0.00	20.37 0.67 0.00	20.15 0.66 0.00	20.18 0.66 0.00	21.25 0.70 0.00	23.85 0.78 0.00	28.09 0.87 0.00	31.72 1.22 0.00	35.84 1.41 0.00	35.29 1.36 0.00	29.84 0.95 0.00	26.68 0.80 0.00	23.73 0.69 0.00
DERFIELD_115KV_TB7 355931	18.85 0.06 0.00	17.95 0.05 0.00	17.72 0.05 0.00	17.80 0.05 0.00	18.27 0.05 0.00	20.05 0.06 0.00	27.47 0.08 0.00	30.62 0.18 0.00	29.16 0.15 0.00	22.63 0.09 0.00	21.48 0.09 0.00	20.75 0.08 0.00	19.76 0.06 0.00	19.57 0.08 0.00	19.60 0.08 0.00	20.63 0.08 0.00	23.18 0.12 0.00	27.36 0.14 0.00	30.74 0.24 0.00	34.71 0.28 0.00	34.24 0.31 0.00	29.03 0.14 0.00	25.98 0.10 0.00	23.13 0.09 0.00
DOGLEVILLE___HYD 23807	18.57 -0.22 0.00	17.66 -0.23 0.00	17.46 -0.21 0.00	17.54 -0.21 0.00	18.00 -0.22 0.00	19.75 -0.24 0.00	27.11 -0.27 0.00	30.19 -0.24 0.00	28.70 -0.32 0.00	22.21 -0.34 0.00	21.03 -0.36 0.00	20.31 -0.35 0.00	19.37 -0.34 0.00	19.14 -0.35 0.00	19.15 -0.37 0.00	20.18 -0.37 0.00	22.69 -0.37 0.00	26.78 -0.44 0.00	30.22 -0.28 0.00	34.19 -0.24 0.00	33.69 -0.24 0.00	28.66 -0.23 0.00	25.65 -0.23 0.00	22.81 -0.23 0.00
DUNKIRK___115KV_TB_200 55889	18.75 -0.04 0.00	18.23 0.34 0.00	18.11 0.44 0.00	18.27 0.51 0.00	18.51 0.29 0.00	20.09 0.10 0.00	26.81 -0.58 0.00	28.95 -1.49 0.00	27.22 -1.80 0.00	21.84 -0.70 0.00	20.75 -0.64 0.00	20.37 -0.29 0.00	19.25 -0.45 0.00	19.02 -0.47 0.00	19.09 -0.43 0.00	19.98 -0.58 0.00	21.79 -1.27 0.00	25.59 -1.63 0.00	28.73 -1.77 0.00	32.74 -1.69 0.00	32.10 -1.83 0.00	27.07 -1.82 0.00	24.64 -1.24 0.00	22.51 -0.53 0.00
DUNKIRK___1 23563	18.75 -0.04 0.00	18.23 0.34 0.00	18.11 0.44 0.00	18.27 0.51 0.00	18.51 0.29 0.00	20.09 0.10 0.00	26.81 -0.58 0.00	28.95 -1.49 0.00	27.22 -1.80 0.00	21.84 -0.70 0.00	20.75 -0.64 0.00	20.37 -0.29 0.00	19.25 -0.45 0.00	19.02 -0.47 0.00	19.09 -0.43 0.00	19.98 -0.58 0.00	21.79 -1.27 0.00	25.59 -1.63 0.00	28.73 -1.77 0.00	32.74 -1.69 0.00	32.10 -1.83 0.00	27.07 -1.82 0.00	24.64 -1.24 0.00	22.51 -0.53 0.00
DUNKIRK___2 23564	18.75 -0.04 0.00	18.23 0.34 0.00	18.11 0.44 0.00	18.27 0.51 0.00	18.51 0.29 0.00	20.09 0.10 0.00	26.81 -0.58 0.00	28.95 -1.49 0.00	27.22 -1.80 0.00	21.84 -0.70 0.00	20.75 -0.64 0.00	20.37 -0.29 0.00	19.25 -0.45 0.00	19.02 -0.47 0.00	19.09 -0.43 0.00	19.98 -0.58 0.00	21.79 -1.27 0.00	25.59 -1.63 0.00	28.73 -1.77 0.00	32.74 -1.69 0.00	32.10 -1.83 0.00	27.07 -1.82 0.00	24.64 -1.24 0.00	22.51 -0.53 0.00
DUNKIRK___3 23565	18.73 -0.06 0.00	18.22 0.32 0.00	18.09 0.42 0.00	18.23 0.48 0.00	18.51 0.29 0.00	20.09 0.10 0.00	26.81 -0.58 0.00	28.98 -1.46 0.00	27.24 -1.77 0.00	21.84 -0.70 0.00	20.77 -0.62 0.00	20.37 -0.29 0.00	19.27 -0.43 0.00	19.02 -0.47 0.00	19.09 -0.43 0.00	19.98 -0.58 0.00	21.79 -1.27 0.00	25.59 -1.63 0.00	28.73 -1.77 0.00	32.68 -1.76 0.00	32.03 -1.90 0.00	27.04 -1.85 0.00	24.59 -1.29 0.00	22.46 -0.58 0.00
DUNKIRK___4 23566	18.71 -0.08 0.00	18.20 0.30 0.00	18.07 0.41 0.00	18.21 0.46 0.00	18.49 0.27 0.00	20.05 0.06 0.00	26.76 -0.63 0.00	28.88 -1.55 0.00	27.24 -1.77 0.00	21.84 -0.70 0.00	20.77 -0.62 0.00	20.37 -0.29 0.00	19.27 -0.43 0.00	19.02 -0.47 0.00	19.09 -0.43 0.00	19.98 -0.58 0.00	21.79 -1.27 0.00	25.59 -1.63 0.00	28.73 -1.77 0.00	32.68 -1.76 0.00	32.03 -1.90 0.00	27.04 -1.85 0.00	24.59 -1.29 0.00	22.46 -0.58 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	19.67 0.88 0.00	18.59 0.70 0.00	18.29 0.62 0.00	18.35 0.60 0.00	18.91 0.69 0.00	20.89 0.90 0.00	28.76 1.37 0.00	32.26 1.83 0.00	30.75 1.74 0.00	23.92 1.38 0.00	22.70 1.31 0.00	21.84 1.18 0.00	20.79 1.08 0.00	20.54 1.05 0.00	20.55 1.03 0.00	21.68 1.13 0.00	24.54 1.48 0.00	28.99 1.77 0.00	32.72 2.23 0.00	36.91 2.48 0.00	36.47 2.54 0.00	30.42 1.53 0.00	27.07 1.19 0.00	23.96 0.92 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	19.50 0.71 0.00	18.47 0.57 0.00	18.18 0.51 0.00	18.25 0.50 0.00	18.78 0.56 0.00	20.71 0.72 0.00	28.45 1.07 0.00	31.87 1.43 0.00	30.32 1.31 0.00	23.53 0.99 0.00	22.34 0.94 0.00	21.47 0.81 0.00	20.43 0.73 0.00	20.23 0.74 0.00	20.26 0.74 0.00	21.37 0.82 0.00	24.12 1.06 0.00	28.50 1.28 0.00	32.17 1.68 0.00	36.36 1.93 0.00	35.93 2.00 0.00	30.07 1.18 0.00	26.78 0.91 0.00	23.75 0.71 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	19.94 1.15 -0.01	18.87 0.97 -0.01	18.52 0.85 0.00	18.58 0.83 0.00	19.15 0.93 0.00	21.09 1.10 0.00	28.95 1.56 0.00	32.37 1.92 -0.02	30.89 1.86 -0.02	24.01 1.47 -0.01	22.78 1.37 -0.02	21.90 1.22 -0.02	20.86 1.14 -0.02	20.63 1.13 -0.01	20.63 1.11 0.00	21.76 1.21 0.00	24.70 1.59 -0.05	29.14 1.91 -0.01	32.82 2.32 -0.01	36.99 2.55 -0.02	36.56 2.61 -0.02	30.51 1.62 0.00	27.20 1.32 0.00	24.19 1.15 0.00
E179THST_13_KV_LOAD 356214	20.02 1.22 -0.01	18.94 1.04 -0.01	18.59 0.92 0.00	18.64 0.89 0.00	19.22 1.00 0.00	21.17 1.18 0.00	29.06 1.67 0.00	32.49 2.04 -0.02	31.00 1.97 -0.02	24.10 1.56 -0.01	22.89 1.48 -0.02	22.00 1.32 -0.02	20.94 1.22 -0.02	20.71 1.21 -0.01	20.71 1.19 0.00	21.85 1.29 0.00	24.79 1.68 -0.05	29.25 2.01 -0.01	33.00 2.50 -0.01	37.17 2.72 -0.02	36.73 2.78 -0.02	30.65 1.76 0.00	27.33 1.45 0.00	24.28 1.24 0.00
EAST HAMPTON___GT 23717	21.30 2.33 -0.18	19.84 1.95 0.00	19.50 1.84 0.00	19.58 1.83 0.00	20.19 1.97 0.00	22.35 2.36 0.00	30.73 3.34 0.00	34.00 3.56 0.00	31.89 2.87 0.00	24.97 2.44 0.01	23.53 2.14 0.00	22.48 1.82 0.00	21.44 1.73 0.00	21.17 1.68 0.00	21.10 1.58 0.00	22.42 1.87 0.00	25.39 2.42 0.09	30.50 3.13 -0.15	34.64 4.15 0.00	38.77 4.34 0.00	38.48 4.55 0.00	33.56 3.29 -1.38	28.47 2.59 0.00	25.25 2.21 0.00
EAST RIVER___6 23660	19.65 0.86 0.00	18.56 0.66 0.00	18.27 0.60 0.00	18.32 0.57 0.00	18.87 0.65 0.00	20.89 0.90 0.00	28.78 1.40 0.00	32.40 1.95 -0.02	30.86 1.83 -0.02	24.24 1.46 -0.24	22.74 1.33 -0.02	21.94 1.26 -0.02	20.88 1.16 -0.02	20.65 1.15 -0.01	20.65 1.13 0.00	21.76 1.21 0.00	26.89 1.55 -2.28	29.91 1.85 -0.84	32.87 2.32 -0.05	36.99 2.55 -0.02	36.56 2.61 -0.02	30.45 1.56 0.00	27.10 1.22 0.00	23.96 0.92 0.00
EAST RIVER___7 23524	19.65 0.86 0.00	18.56 0.66 0.00	18.27 0.60 0.00	18.32 0.57 0.00	18.87 0.65 0.00	20.89 0.90 0.00	28.78 1.40 0.00	32.40 1.95 -0.02	30.86 1.83 -0.02	24.24 1.46 -0.24	22.74 1.33 -0.02	21.94 1.26 -0.02	20.88 1.16 -0.02	20.65 1.15 -0.01	20.65 1.13 0.00	21.76 1.21 0.00	26.89 1.55 -2.28	29.91 1.85 -0.84	32.87 2.32 -0.05	36.99 2.55 -0.02	36.56 2.61 -0.02	30.45 1.56 0.00	27.10 1.22 0.00	23.96 0.92 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	19.65 0.86 0.00	18.59 0.70 0.00	18.27 0.60 0.00	18.34 0.59 0.00	18.89 0.67 0.00	20.87 0.88 0.00	28.67 1.29 0.00	32.14 1.70 0.00	30.64 1.62 0.00	23.82 1.28 0.01	22.61 1.22 0.00	21.74 1.07 0.00	20.71 1.00 0.00	20.48 0.99 0.00	20.49 0.98 0.00	21.62 1.07 0.00	24.34 1.36 0.08	28.83 1.63 0.03	32.57 2.07 0.00	36.74 2.31 0.00	36.34 2.41 0.00	30.33 1.44 0.00	26.99 1.11 0.00	23.91 0.88 0.00
EAST_HAMPTON___DIESEL 23722	21.32 2.35 -0.18	19.84 1.95 0.00	19.50 1.84 0.00	19.58 1.83 0.00	20.21 1.99 0.00	22.35 2.36 0.00	30.73 3.34 0.00	34.03 3.59 0.00	31.89 2.87 0.00	24.99 2.46 0.01	23.55 2.16 0.00	22.48 1.82 0.00	21.44 1.73 0.00	21.17 1.68 0.00	21.10 1.58 0.00	22.42 1.87 0.00	25.42 2.44 0.09	30.50 3.13 -0.15	34.64 4.15 0.00	38.77 4.34 0.00	38.51 4.58 0.00	33.59 3.32 -1.38	28.47 2.59 0.00	25.25 2.21 0.00
EAST_PULASKI___ESR 323781	18.57 -0.22 0.00	17.71 -0.18 0.00	17.53 -0.14 0.00	17.63 -0.12 0.00	18.09 -0.13 0.00	19.77 -0.22 0.00	27.09 -0.30 0.00	30.01 -0.43 0.00	28.46 -0.55 0.00	22.14 -0.41 0.00	21.05 -0.34 0.00	20.33 -0.33 0.00	19.39 -0.32 0.00	19.18 -0.31 0.00	19.17 -0.35 0.00	20.18 -0.37 0.00	22.58 -0.49 0.00	26.68 -0.54 0.00	30.10 -0.40 0.00	34.19 -0.24 0.00	33.62 -0.31 0.00	28.60 -0.29 0.00	25.72 -0.15 0.00	22.90 -0.14 0.00
EAST_RIVER___1 323558	19.73 0.94 0.00	18.64 0.75 0.00	18.36 0.69 0.00	18.41 0.66 0.00	18.95 0.73 0.00	20.95 0.96 0.00	28.86 1.48 0.00	32.49 2.04 -0.02	30.91 1.88 -0.02	24.27 1.49 -0.24	22.78 1.37 -0.02	21.96 1.28 -0.02	20.90 1.18 -0.02	20.67 1.17 -0.01	20.67 1.15 0.00	21.81 1.25 0.00	26.91 1.57 -2.28	29.93 1.88 -0.84	32.90 2.35 -0.05	37.06 2.62 -0.02	36.63 2.68 -0.02	30.53 1.65 0.00	27.17 1.29 0.00	24.05 1.01 0.00
EAST_RIVER___2 323559	19.65 0.86 0.00	18.56 0.66 0.00	18.27 0.60 0.00	18.32 0.57 0.00	18.87 0.65 0.00	20.89 0.90 0.00	28.78 1.40 0.00	32.40 1.95 -0.02	30.86 1.83 -0.02	24.24 1.46 -0.24	22.74 1.33 -0.02	21.94 1.26 -0.02	20.88 1.16 -0.02	20.65 1.15 -0.01	20.65 1.13 0.00	21.76 1.21 0.00	26.89 1.55 -2.28	29.91 1.85 -0.84	32.87 2.32 -0.05	36.99 2.55 -0.02	36.56 2.61 -0.02	30.45 1.56 0.00	27.10 1.22 0.00	23.96 0.92 0.00
EAST___DELAWARE_HYD 23607	19.65 0.86 0.00	18.61 0.72 0.00	18.34 0.67 0.00	18.41 0.66 0.00	18.93 0.71 0.00	20.87 0.88 0.00	28.75 1.37 0.00	32.20 1.76 0.00	30.64 1.62 0.00	23.74 1.19 0.00	22.49 1.09 0.00	21.66 0.99 0.00	20.57 0.87 0.00	20.35 0.86 0.00	20.38 0.86 0.00	21.52 0.97 0.00	24.33 1.27 0.00	28.77 1.55 0.00	32.54 2.04 0.00	36.84 2.41 0.00	36.41 2.48 0.00	30.48 1.59 0.00	27.12 1.24 0.00	24.05 1.01 0.00
EIGHT_POINT___WT_PWR 323820	19.65 0.86 0.00	18.90 1.00 0.00	18.71 1.04 0.00	18.85 1.10 0.00	19.33 1.11 0.00	21.19 1.20 0.00	29.00 1.62 0.00	31.96 1.52 0.00	30.29 1.28 0.00	23.26 0.72 0.00	22.08 0.68 0.00	21.31 0.64 0.00	20.29 0.59 0.00	20.02 0.53 0.00	20.05 0.53 0.00	21.02 0.47 0.00	23.43 0.37 0.00	27.68 0.46 0.00	31.32 0.82 0.00	35.71 1.27 0.00	35.08 1.15 0.00	29.61 0.72 0.00	26.58 0.70 0.00	23.77 0.74 0.00
ELBRIDGE_115KV_TB2 80188	18.77 -0.02 0.00	17.95 0.05 0.00	17.77 0.11 0.00	17.87 0.12 0.00	18.29 0.07 0.00	20.05 0.06 0.00	27.44 0.05 0.00	30.38 -0.06 0.00	28.87 -0.15 0.00	22.50 -0.05 0.00	21.35 -0.04 0.00	20.68 0.02 0.00	19.72 0.02 0.00	19.51 0.02 0.00	19.52 0.00 0.00	20.53 -0.02 0.00	22.92 -0.14 0.00	27.03 -0.19 0.00	30.37 -0.12 0.00	34.36 -0.07 0.00	33.86 -0.07 0.00	28.72 -0.17 0.00	25.83 -0.05 0.00	23.06 0.02 0.00
ELEC_TRO_TEK 24086	20.16 1.18 -0.18	18.82 0.93 0.00	18.48 0.81 0.00	18.55 0.80 0.00	19.13 0.91 0.00	21.17 1.18 0.00	29.11 1.73 0.00	32.48 2.04 0.00	30.90 1.89 0.00	24.11 1.58 0.01	22.89 1.50 0.00	21.92 1.26 0.00	20.85 1.14 0.00	20.66 1.17 0.00	20.67 1.15 0.00	21.87 1.32 0.00	24.66 1.68 0.09	29.49 2.12 -0.15	33.09 2.59 0.00	37.32 2.89 0.00	36.95 3.02 0.00	32.23 1.96 -1.38	27.43 1.55 0.00	24.28 1.24 0.00
ELLENBURG_WT_PWR 323604	18.13 -0.66 0.00	17.29 -0.61 0.00	17.10 -0.57 0.00	17.18 -0.57 0.00	17.62 -0.60 0.00	19.35 -0.64 0.00	26.59 -0.80 0.00	29.55 -0.88 0.00	28.32 -0.70 0.00	21.91 -0.63 0.00	20.77 -0.62 0.00	20.00 -0.66 0.00	19.17 -0.53 0.00	18.92 -0.57 0.00	18.99 -0.53 0.00	20.08 -0.47 0.00	22.51 -0.55 0.00	26.73 -0.49 0.00	29.67 -0.82 0.00	33.57 -0.86 0.00	32.88 -1.05 0.00	28.28 -0.61 0.00	25.41 -0.47 0.00	22.58 -0.46 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	18.43 -0.36 0.00	17.95 0.05 0.00	17.84 0.18 0.00	17.96 0.21 0.00	18.26 0.04 0.00	19.79 -0.20 0.00	26.32 -1.07 0.00	28.43 -2.01 0.00	26.92 -2.09 0.00	21.60 -0.95 0.00	20.54 -0.86 0.00	20.17 -0.50 0.00	19.07 -0.63 0.00	18.85 -0.64 0.00	18.91 -0.61 0.00	19.81 -0.74 0.00	21.61 -1.45 0.00	25.34 -1.88 0.00	28.42 -2.07 0.00	32.23 -2.20 0.00	31.59 -2.34 0.00	26.69 -2.20 0.00	24.30 -1.58 0.00	22.19 -0.85 0.00
EMPIRE_CC_1 323656	19.13 0.34 0.00	18.16 0.27 0.00	17.90 0.23 0.00	17.96 0.21 0.00	18.46 0.24 0.00	20.33 0.34 0.00	27.74 0.36 0.00	31.01 0.58 0.00	29.39 0.38 0.00	22.75 0.20 0.00	21.63 0.24 0.00	20.91 0.25 0.00	19.94 0.24 0.00	19.74 0.25 0.00	19.75 0.24 0.00	20.82 0.27 0.00	23.36 0.30 0.00	27.55 0.33 0.00	31.17 0.67 0.00	35.05 0.62 0.00	34.57 0.64 0.00	29.24 0.35 0.00	26.01 0.13 0.00	23.18 0.14 0.00
EMPIRE_CC_2 323658	19.13 0.34 0.00	18.16 0.27 0.00	17.90 0.23 0.00	17.96 0.21 0.00	18.46 0.24 0.00	20.33 0.34 0.00	27.74 0.36 0.00	31.01 0.58 0.00	29.39 0.38 0.00	22.75 0.20 0.00	21.63 0.24 0.00	20.91 0.25 0.00	19.94 0.24 0.00	19.74 0.25 0.00	19.75 0.24 0.00	20.82 0.27 0.00	23.36 0.30 0.00	27.55 0.33 0.00	31.17 0.67 0.00	35.05 0.62 0.00	34.57 0.64 0.00	29.24 0.35 0.00	26.01 0.13 0.00	23.18 0.14 0.00
ENORWICH_115KV_TB1 80156	20.39 1.60 0.00	19.47 1.57 0.00	19.31 1.64 0.00	19.44 1.69 0.00	19.97 1.75 0.00	21.95 1.96 0.00	30.29 2.90 0.00	33.60 3.17 0.00	31.71 2.70 0.00	24.44 1.89 0.00	22.98 1.58 0.00	22.19 1.53 0.00	21.14 1.44 0.00	20.87 1.38 0.00	20.94 1.42 0.00	22.05 1.50 0.00	24.72 1.66 0.00	29.18 1.96 0.00	33.45 2.96 0.00	38.15 3.72 0.00	37.32 3.39 0.00	31.58 2.69 0.00	28.29 2.41 0.00	25.09 2.05 0.00
ERIE_ST__34_KV_TB1-2 80199	18.90 0.11 0.00	18.41 0.52 0.00	18.29 0.62 0.00	18.43 0.67 0.00	18.71 0.49 0.00	20.31 0.32 0.00	27.08 -0.30 0.00	29.28 -1.16 0.00	27.80 -1.22 0.00	22.32 -0.23 0.00	21.22 -0.17 0.00	20.79 0.12 0.00	19.68 -0.02 0.00	19.45 -0.04 0.00	19.52 0.00 0.00	20.45 -0.10 0.00	22.35 -0.71 0.00	26.21 -1.01 0.00	29.40 -1.10 0.00	33.40 -1.03 0.00	32.67 -1.26 0.00	27.59 -1.30 0.00	25.10 -0.78 0.00	22.88 -0.16 0.00
ERIE_WT_PWR 323693	18.72 -0.07 0.00	18.27 0.38 0.00	18.00 0.33 0.00	18.14 0.39 0.00	18.58 0.36 0.00	20.09 0.10 0.00	26.62 -0.77 0.00	28.73 -1.70 0.00	27.19 -1.83 0.00	21.82 -0.72 0.00	21.05 -0.34 0.00	20.35 -0.31 0.00	19.25 -0.45 0.00	19.02 -0.47 0.00	19.09 -0.43 0.00	20.00 -0.55 0.00	21.84 -1.22 0.00	25.61 -1.61 0.00	28.73 -1.77 0.00	32.57 -1.86 0.00	31.89 -2.03 0.00	26.98 -1.91 0.00	24.53 -1.35 0.00	22.39 -0.64 0.00
ESPRGFLD_115KV_TB1 80157	19.96 1.16 0.00	19.00 1.11 0.00	18.80 1.13 0.00	18.89 1.14 0.00	19.42 1.20 0.00	21.37 1.38 0.00	29.49 2.11 0.00	32.63 2.19 0.00	31.02 2.00 0.00	23.99 1.44 0.00	22.68 1.28 0.00	21.86 1.20 0.00	20.83 1.12 0.00	20.60 1.11 0.00	20.65 1.13 0.00	21.74 1.19 0.00	24.38 1.31 0.00	28.75 1.52 0.00	32.63 2.13 0.00	37.05 2.62 0.00	36.44 2.51 0.00	30.91 2.02 0.00	27.61 1.73 0.00	24.51 1.47 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	19.28 0.49 0.00	18.43 0.54 0.00	18.23 0.57 0.00	18.35 0.60 0.00	18.80 0.58 0.00	20.63 0.64 0.00	28.32 0.93 0.00	31.38 0.94 0.00	29.77 0.75 0.00	23.11 0.56 0.00	21.84 0.45 0.00	21.14 0.48 0.00	20.14 0.43 0.00	19.90 0.41 0.00	19.93 0.41 0.00	20.98 0.43 0.00	23.48 0.42 0.00	27.74 0.52 0.00	31.32 0.82 0.00	35.57 1.14 0.00	34.98 1.05 0.00	29.61 0.72 0.00	26.58 0.70 0.00	23.68 0.65 0.00
ETNA____115KV_TB2 80207	19.28 0.49 0.00	18.43 0.54 0.00	18.23 0.57 0.00	18.35 0.60 0.00	18.80 0.58 0.00	20.63 0.64 0.00	28.32 0.93 0.00	31.38 0.94 0.00	29.77 0.75 0.00	23.11 0.56 0.00	21.84 0.45 0.00	21.14 0.48 0.00	20.14 0.43 0.00	19.90 0.41 0.00	19.93 0.41 0.00	20.98 0.43 0.00	23.48 0.42 0.00	27.74 0.52 0.00	31.32 0.82 0.00	35.57 1.14 0.00	34.98 1.05 0.00	29.61 0.72 0.00	26.58 0.70 0.00	23.68 0.65 0.00
EUCLID__115KV_TB2 356179	18.64 -0.15 0.00	17.80 -0.09 0.00	17.61 -0.05 0.00	17.71 -0.04 0.00	18.15 -0.07 0.00	19.85 -0.14 0.00	27.17 -0.22 0.00	30.04 -0.40 0.00	28.58 -0.44 0.00	22.32 -0.23 0.00	21.18 -0.21 0.00	20.54 -0.12 0.00	19.59 -0.12 0.00	19.37 -0.12 0.00	19.40 -0.12 0.00	20.39 -0.16 0.00	22.76 -0.30 0.00	26.81 -0.41 0.00	30.10 -0.40 0.00	34.05 -0.38 0.00	33.52 -0.41 0.00	28.48 -0.40 0.00	25.65 -0.23 0.00	22.90 -0.14 0.00
E_CANADA_CAP_HY 24051	20.09 1.30 0.00	19.16 1.27 0.00	18.92 1.25 0.00	19.01 1.26 0.00	19.57 1.35 0.00	21.53 1.54 0.00	29.71 2.33 0.00	32.84 2.40 0.00	31.13 2.12 0.00	23.96 1.42 0.00	22.68 1.28 0.00	21.82 1.16 0.00	20.77 1.06 0.00	20.54 1.05 0.00	20.61 1.09 0.00	21.70 1.15 0.00	24.33 1.27 0.00	28.77 1.55 0.00	32.75 2.26 0.00	37.26 2.82 0.00	36.78 2.85 0.00	31.26 2.37 0.00	27.82 1.94 0.00	24.72 1.68 0.00
E_CANADA_MHWK_HY 24050	18.57 -0.22 0.00	17.66 -0.23 0.00	17.46 -0.21 0.00	17.54 -0.21 0.00	18.00 -0.22 0.00	19.75 -0.24 0.00	27.11 -0.27 0.00	30.19 -0.24 0.00	28.70 -0.32 0.00	22.21 -0.34 0.00	21.03 -0.36 0.00	20.31 -0.35 0.00	19.37 -0.34 0.00	19.14 -0.35 0.00	19.15 -0.37 0.00	20.18 -0.37 0.00	22.69 -0.37 0.00	26.78 -0.44 0.00	30.22 -0.28 0.00	34.19 -0.24 0.00	33.69 -0.24 0.00	28.66 -0.23 0.00	25.65 -0.23 0.00	22.81 -0.23 0.00
E_FISHKILL__LBMP 23776	19.45 0.66 0.00	18.41 0.52 0.00	18.13 0.46 0.00	18.19 0.44 0.00	18.73 0.51 0.00	20.63 0.64 0.00	28.32 0.93 0.00	31.68 1.25 0.00	30.15 1.13 0.00	23.42 0.88 0.00	22.23 0.83 0.00	21.41 0.74 0.00	20.37 0.67 0.00	20.17 0.68 0.00	20.18 0.66 0.00	21.27 0.72 0.00	24.01 0.95 0.00	28.34 1.12 0.00	32.02 1.52 0.00	36.08 1.65 0.00	35.66 1.73 0.00	29.90 1.01 0.00	26.60 0.72 0.00	23.61 0.58 0.00
FALCON__SEABRD_CC1 323796	18.32 -0.47 0.00	17.46 -0.43 0.00	17.28 -0.39 0.00	17.38 -0.37 0.00	17.80 -0.42 0.00	19.55 -0.44 0.00	26.89 -0.49 0.00	29.86 -0.58 0.00	28.61 -0.41 0.00	22.14 -0.41 0.00	20.99 -0.41 0.00	20.21 -0.45 0.00	19.39 -0.32 0.00	19.12 -0.37 0.00	19.19 -0.33 0.00	20.31 -0.25 0.00	22.74 -0.32 0.00	27.03 -0.19 0.00	30.01 -0.49 0.00	33.95 -0.48 0.00	33.25 -0.68 0.00	28.60 -0.29 0.00	25.70 -0.18 0.00	22.81 -0.23 0.00
FALCON__SEABRD_CC2 323797	18.32 -0.47 0.00	17.46 -0.43 0.00	17.28 -0.39 0.00	17.38 -0.37 0.00	17.80 -0.42 0.00	19.55 -0.44 0.00	26.89 -0.49 0.00	29.86 -0.58 0.00	28.61 -0.41 0.00	22.14 -0.41 0.00	20.99 -0.41 0.00	20.21 -0.45 0.00	19.39 -0.32 0.00	19.12 -0.37 0.00	19.19 -0.33 0.00	20.31 -0.25 0.00	22.74 -0.32 0.00	27.03 -0.19 0.00	30.01 -0.49 0.00	33.95 -0.48 0.00	33.25 -0.68 0.00	28.60 -0.29 0.00	25.70 -0.18 0.00	22.81 -0.23 0.00

FAR ROCKAWAY___4 23548	20.36 1.39 -0.18	19.02 1.13 0.00	18.67 1.01 0.00	18.74 0.99 0.00	19.33 1.11 0.00	21.39 1.40 0.00	29.41 2.03 0.00	32.84 2.40 0.00	31.22 2.21 0.00	24.36 1.83 0.01	23.11 1.71 0.00	22.13 1.47 0.00	21.02 1.32 0.00	20.84 1.34 0.00	20.87 1.35 0.00	22.07 1.52 0.00	24.89 1.91 0.09	29.79 2.42 -0.15	33.45 2.96 0.00	37.74 3.31 0.00	37.36 3.43 0.00	32.55 2.28 -1.38	27.72 1.84 0.00	24.56 1.52 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	19.79 1.00 0.00	18.68 0.79 0.00	18.36 0.69 0.00	18.43 0.67 0.00	18.99 0.77 0.00	20.99 1.00 0.00	28.92 1.53 0.00	32.46 2.01 -0.02	30.94 1.91 -0.02	24.29 1.51 -0.24	22.84 1.43 -0.02	21.96 1.28 -0.02	20.92 1.20 -0.02	20.69 1.19 -0.01	20.69 1.17 0.00	21.83 1.27 0.00	26.93 1.59 -2.28	29.96 1.91 -0.83	32.93 2.38 -0.05	37.10 2.65 -0.02	36.66 2.71 -0.02	30.56 1.68 0.00	27.20 1.32 0.00	24.07 1.04 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	19.77 0.98 0.00	18.68 0.79 0.00	18.36 0.69 0.00	18.43 0.67 0.00	18.99 0.77 0.00	20.99 1.00 0.00	28.92 1.53 0.00	32.46 2.01 -0.02	30.94 1.91 -0.02	24.29 1.51 -0.24	22.84 1.43 -0.02	21.96 1.28 -0.02	20.90 1.18 -0.02	20.69 1.19 -0.01	20.69 1.17 0.00	21.81 1.25 0.00	26.93 1.59 -2.28	29.96 1.91 -0.83	32.93 2.38 -0.05	37.10 2.65 -0.02	36.66 2.71 -0.02	30.56 1.68 0.00	27.20 1.32 0.00	24.07 1.04 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	19.77 0.98 0.00	18.66 0.77 0.00	18.34 0.67 0.00	18.41 0.66 0.00	18.99 0.77 0.00	20.99 1.00 0.00	28.89 1.51 0.00	32.43 1.98 -0.02	30.92 1.89 -0.02	24.29 1.51 -0.24	22.84 1.43 -0.02	21.96 1.28 -0.02	20.90 1.18 -0.02	20.67 1.17 -0.01	20.67 1.15 0.00	21.81 1.25 0.00	26.91 1.57 -2.28	29.93 1.88 -0.83	32.90 2.35 -0.05	37.06 2.62 -0.02	36.63 2.68 -0.02	30.56 1.68 0.00	27.17 1.29 0.00	24.05 1.01 0.00
FARRAGUT___LBMP 323566	19.75 0.96 0.00	18.66 0.77 0.00	18.34 0.67 0.00	18.41 0.66 0.00	18.97 0.75 0.00	20.97 0.98 0.00	28.86 1.48 0.00	32.43 1.98 -0.02	30.92 1.89 -0.02	24.27 1.49 -0.24	22.82 1.41 -0.02	21.94 1.26 -0.02	20.88 1.16 -0.02	20.65 1.15 -0.01	20.65 1.13 0.00	21.79 1.23 0.00	26.88 1.55 -2.28	29.93 1.88 -0.83	32.87 2.32 -0.05	37.06 2.62 -0.02	36.63 2.68 -0.02	30.54 1.65 0.00	27.17 1.29 0.00	24.05 1.01 0.00
FENNER___WINDPWR 24204	19.19 0.40 0.00	18.31 0.41 0.00	18.09 0.42 0.00	18.19 0.44 0.00	18.69 0.47 0.00	20.49 0.50 0.00	28.13 0.74 0.00	31.26 0.82 0.00	29.65 0.64 0.00	23.02 0.47 0.00	21.85 0.45 0.00	21.10 0.43 0.00	20.14 0.43 0.00	19.90 0.41 0.00	19.95 0.43 0.00	21.00 0.45 0.00	23.55 0.49 0.00	27.79 0.57 0.00	31.35 0.85 0.00	35.57 1.13 0.00	34.98 1.05 0.00	29.70 0.81 0.00	26.63 0.75 0.00	23.68 0.64 0.00
FIBERTEK___ENERGY 23856	18.85 0.06 0.00	18.00 0.11 0.00	17.81 0.14 0.00	17.93 0.18 0.00	18.35 0.13 0.00	20.11 0.12 0.00	27.55 0.16 0.00	30.53 0.09 0.00	29.01 0.00 0.00	22.61 0.07 0.00	21.46 0.06 0.00	20.81 0.14 0.00	19.84 0.14 0.00	19.61 0.12 0.00	19.64 0.12 0.00	20.63 0.08 0.00	23.06 0.00 0.00	27.17 -0.05 0.00	30.53 0.03 0.00	34.57 0.14 0.00	34.03 0.10 0.00	28.89 0.00 0.00	25.98 0.10 0.00	23.18 0.14 0.00
FITZPATRICK___ 23598	18.41 -0.38 0.00	17.61 -0.29 0.00	17.40 -0.26 0.00	17.48 -0.27 0.00	17.93 -0.29 0.00	19.61 -0.38 0.00	26.81 -0.58 0.00	29.71 -0.73 0.00	28.26 -0.75 0.00	22.03 -0.52 0.00	20.94 -0.45 0.00	20.25 -0.41 0.00	19.31 -0.39 0.00	19.10 -0.39 0.00	19.13 -0.39 0.00	20.10 -0.45 0.00	22.49 -0.58 0.00	26.49 -0.73 0.00	29.74 -0.76 0.00	33.64 -0.79 0.00	33.12 -0.81 0.00	28.14 -0.75 0.00	25.36 -0.52 0.00	22.62 -0.41 0.00
FLOWRFLD_69_KV_BK1 356044	20.55 1.58 -0.18	19.16 1.27 0.00	18.80 1.13 0.00	18.89 1.14 0.00	19.48 1.26 0.00	21.55 1.56 0.00	29.60 2.22 0.00	32.81 2.37 0.00	31.10 2.09 0.00	24.38 1.85 0.01	23.19 1.80 0.00	22.07 1.41 0.00	21.02 1.32 0.00	20.84 1.34 0.00	20.83 1.31 0.00	22.07 1.52 0.00	24.98 2.01 0.09	29.95 2.59 -0.15	33.70 3.20 0.00	37.87 3.44 0.00	37.49 3.56 0.00	32.72 2.46 -1.38	27.79 1.92 0.00	24.63 1.59 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	19.62 0.83 0.00	18.57 0.68 0.00	18.27 0.60 0.00	18.35 0.60 0.00	18.89 0.67 0.00	20.81 0.82 0.00	28.62 1.23 0.00	32.08 1.64 0.00	30.49 1.48 0.00	23.62 1.08 0.00	22.40 1.01 0.00	21.55 0.89 0.00	20.49 0.79 0.00	20.29 0.80 0.00	20.32 0.80 0.00	21.46 0.90 0.00	24.21 1.15 0.00	28.64 1.42 0.00	32.36 1.86 0.00	36.60 2.17 0.00	36.17 2.24 0.00	30.30 1.42 0.00	26.91 1.04 0.00	23.87 0.83 0.00
FORT ORANGE___ 23900	19.37 0.58 0.00	18.41 0.52 0.00	18.14 0.48 0.00	18.23 0.48 0.00	18.75 0.53 0.00	20.61 0.62 0.00	28.32 0.93 0.00	31.62 1.19 0.00	29.97 0.96 0.00	23.15 0.61 0.00	21.95 0.56 0.00	21.18 0.52 0.00	20.20 0.49 0.00	20.00 0.51 0.00	20.03 0.51 0.00	21.09 0.53 0.00	23.75 0.69 0.00	28.04 0.82 0.00	31.75 1.25 0.00	35.84 1.41 0.00	35.39 1.46 0.00	29.84 0.95 0.00	26.55 0.67 0.00	23.64 0.60 0.00
FORT_DRUM_COGEN 23780	18.40 -0.39 0.00	17.52 -0.38 0.00	17.35 -0.32 0.00	17.43 -0.32 0.00	17.91 -0.31 0.00	19.63 -0.36 0.00	27.03 -0.36 0.00	30.07 -0.37 0.00	28.35 -0.67 0.00	21.78 -0.77 0.00	20.56 -0.83 0.00	19.88 -0.79 0.00	18.95 -0.75 0.00	18.73 -0.76 0.00	18.72 -0.80 0.00	19.81 -0.74 0.00	22.35 -0.71 0.00	26.57 -0.65 0.00	30.37 -0.12 0.00	34.78 0.34 0.00	34.10 0.17 0.00	29.03 0.14 0.00	26.01 0.13 0.00	23.01 -0.02 0.00
FOX_HILLS___ESR 323835	19.93 1.13 -0.01	18.83 0.93 -0.01	18.48 0.81 0.00	18.55 0.80 0.00	19.11 0.89 0.00	21.09 1.10 0.00	29.00 1.62 0.00	32.55 2.10 -0.02	30.97 1.94 -0.02	24.31 1.53 -0.23	22.84 1.43 -0.02	21.98 1.30 -0.02	20.92 1.20 -0.02	20.71 1.21 -0.01	20.71 1.19 0.00	21.87 1.32 0.00	27.06 1.68 -2.32	30.10 2.04 -0.84	33.20 2.65 -0.05	37.24 2.79 -0.02	36.79 2.85 -0.02	30.74 1.85 0.00	27.41 1.53 0.00	24.28 1.24 0.00
FPL_FAR_ROCK_GT1 24212	20.34 1.37 -0.18	19.00 1.11 0.00	18.67 1.01 0.00	18.74 0.99 0.00	19.31 1.09 0.00	21.37 1.38 0.00	29.41 2.03 0.00	32.90 2.46 0.00	31.22 2.20 0.00	24.34 1.80 0.01	23.00 1.61 0.00	22.13 1.47 0.00	21.02 1.32 0.00	20.85 1.36 0.00	20.86 1.35 0.00	22.07 1.52 0.00	24.89 1.91 0.09	29.79 2.42 -0.15	33.45 2.96 0.00	37.70 3.27 0.00	37.35 3.43 0.00	32.55 2.28 -1.38	27.74 1.86 0.00	24.53 1.50 0.00
FPL_FAR_ROCK_GT2 23815	20.34 1.37 -0.18	19.00 1.11 0.00	18.67 1.01 0.00	18.74 0.99 0.00	19.31 1.09 0.00	21.37 1.38 0.00	29.41 2.03 0.00	32.90 2.46 0.00	31.22 2.20 0.00	24.34 1.80 0.01	23.00 1.61 0.00	22.13 1.47 0.00	21.02 1.32 0.00	20.85 1.36 0.00	20.86 1.35 0.00	22.07 1.52 0.00	24.89 1.91 0.09	29.79 2.42 -0.15	33.45 2.96 0.00	37.70 3.27 0.00	37.35 3.43 0.00	32.55 2.28 -1.38	27.74 1.86 0.00	24.53 1.50 0.00



FRANKLIN_FALL_HYD 24054	18.19 -0.60 0.00	17.32 -0.57 0.00	17.12 -0.55 0.00	17.20 -0.55 0.00	17.66 -0.56 0.00	19.37 -0.62 0.00	26.67 -0.71 0.00	29.71 -0.73 0.00	28.43 -0.58 0.00	21.98 -0.56 0.00	20.84 -0.56 0.00	20.06 -0.60 0.00	19.23 -0.47 0.00	18.98 -0.51 0.00	19.03 -0.49 0.00	20.12 -0.43 0.00	22.60 -0.46 0.00	26.84 -0.38 0.00	29.76 -0.73 0.00	33.67 -0.76 0.00	32.98 -0.95 0.00	28.40 -0.49 0.00	25.49 -0.39 0.00	22.65 -0.39 0.00
FREEPORT_EQUS_GT1 23764	20.27 1.30 -0.18	18.91 1.02 0.00	18.60 0.94 0.00	18.66 0.90 0.00	19.22 1.00 0.00	21.29 1.30 0.00	29.30 1.92 0.00	32.75 2.31 0.00	31.04 2.03 0.00	24.23 1.69 0.01	22.89 1.50 0.00	22.03 1.36 0.00	20.92 1.22 0.00	20.76 1.27 0.00	20.77 1.25 0.00	21.99 1.44 0.00	24.82 1.85 0.09	29.71 2.34 -0.15	33.36 2.87 0.00	37.60 3.17 0.00	37.26 3.33 0.00	32.46 2.19 -1.38	27.64 1.76 0.00	24.44 1.41 0.00
FREEPORT___CT2 23818	20.27 1.30 -0.18	18.91 1.02 0.00	18.60 0.94 0.00	18.66 0.90 0.00	19.22 1.00 0.00	21.29 1.30 0.00	29.30 1.92 0.00	32.75 2.31 0.00	31.04 2.03 0.00	24.23 1.69 0.01	22.89 1.50 0.00	22.03 1.36 0.00	20.92 1.22 0.00	20.76 1.27 0.00	20.77 1.25 0.00	21.99 1.44 0.00	24.82 1.85 0.09	29.71 2.34 -0.15	33.36 2.87 0.00	37.60 3.17 0.00	37.26 3.33 0.00	32.46 2.19 -1.38	27.64 1.76 0.00	24.44 1.41 0.00
FRESHKLS_33_KV_LOAD 356253	19.94 1.15 -0.01	18.85 0.95 -0.01	18.50 0.83 0.00	18.55 0.80 0.00	19.13 0.91 0.00	21.09 1.10 0.00	28.97 1.59 0.00	32.46 2.01 -0.02	30.86 1.83 -0.02	24.17 1.40 -0.23	22.74 1.33 -0.02	21.88 1.20 -0.02	20.84 1.12 -0.02	20.63 1.13 -0.01	20.63 1.11 0.00	21.79 1.23 0.00	26.91 1.57 -2.28	30.00 1.93 -0.84	33.17 2.62 -0.05	37.10 2.65 -0.02	35.63 2.75 1.05	30.74 1.85 0.00	27.41 1.53 0.00	24.30 1.27 0.00
FULTON COGEN____ 23766	18.55 -0.24 0.00	17.70 -0.20 0.00	17.51 -0.16 0.00	17.61 -0.14 0.00	18.04 -0.18 0.00	19.75 -0.24 0.00	27.06 -0.33 0.00	29.98 -0.46 0.00	28.49 -0.52 0.00	22.20 -0.34 0.00	21.07 -0.32 0.00	20.42 -0.25 0.00	19.47 -0.24 0.00	19.26 -0.23 0.00	19.26 -0.25 0.00	20.26 -0.29 0.00	22.65 -0.42 0.00	26.70 -0.52 0.00	30.01 -0.49 0.00	33.98 -0.45 0.00	33.45 -0.48 0.00	28.40 -0.49 0.00	25.57 -0.31 0.00	22.81 -0.23 0.00
FULTON___LFGE 323630	20.61 1.82 0.00	19.67 1.77 0.00	19.42 1.75 0.00	19.53 1.77 0.00	20.13 1.91 0.00	22.17 2.18 0.00	30.73 3.34 0.00	34.03 3.59 0.00	32.23 3.22 0.00	24.50 1.96 0.00	23.21 1.82 0.00	22.17 1.51 0.00	21.10 1.40 0.00	20.91 1.42 0.00	20.98 1.46 0.00	22.13 1.58 0.00	25.00 1.94 0.00	29.70 2.48 0.00	33.94 3.45 0.00	38.87 4.44 0.00	38.44 4.51 0.00	32.35 3.47 0.00	28.70 2.82 0.00	25.50 2.47 0.00
G.F.CEMENT___DRP 24184	19.49 0.70 0.00	18.54 0.64 0.00	18.27 0.60 0.00	18.35 0.60 0.00	18.91 0.69 0.00	20.81 0.82 0.00	28.70 1.31 0.00	32.05 1.61 0.00	30.41 1.39 0.00	23.42 0.88 0.00	22.21 0.81 0.00	21.33 0.66 0.00	20.33 0.63 0.00	20.13 0.64 0.00	20.18 0.66 0.00	21.25 0.70 0.00	23.96 0.90 0.00	28.31 1.09 0.00	32.11 1.62 0.00	36.46 2.03 0.00	36.03 2.10 0.00	30.28 1.39 0.00	26.86 0.98 0.00	23.87 0.83 0.00
GARDENVILLE___LBMP 24039	18.51 -0.28 0.00	18.04 0.14 0.00	17.91 0.25 0.00	18.05 0.30 0.00	18.33 0.11 0.00	19.87 -0.12 0.00	26.45 -0.93 0.00	28.58 -1.86 0.00	27.07 -1.94 0.00	21.71 -0.83 0.00	20.65 -0.75 0.00	20.25 -0.41 0.00	19.15 -0.55 0.00	18.93 -0.57 0.00	18.99 -0.53 0.00	19.89 -0.66 0.00	21.70 -1.36 0.00	25.48 -1.74 0.00	28.54 -1.95 0.00	32.40 -2.03 0.00	31.76 -2.17 0.00	26.81 -2.08 0.00	24.43 -1.45 0.00	22.30 -0.74 0.00
GARDNVLA_35_KV_LD 355827	18.62 -0.17 0.00	18.14 0.25 0.00	18.02 0.35 0.00	18.16 0.41 0.00	18.46 0.24 0.00	19.99 0.00 0.00	26.62 -0.77 0.00	28.76 -1.67 0.00	27.22 -1.80 0.00	21.84 -0.70 0.00	20.77 -0.62 0.00	20.40 -0.27 0.00	19.29 -0.41 0.00	19.06 -0.43 0.00	19.13 -0.39 0.00	20.04 -0.51 0.00	21.84 -1.22 0.00	25.64 -1.58 0.00	28.73 -1.77 0.00	32.61 -1.82 0.00	31.96 -1.97 0.00	26.98 -1.91 0.00	24.56 -1.32 0.00	22.42 -0.62 0.00
GELCKHM___115KV_LOAD 80723	18.70 -0.09 0.00	17.86 -0.04 0.00	17.68 0.02 0.00	17.79 0.04 0.00	18.22 0.00 0.00	19.93 -0.06 0.00	27.30 -0.08 0.00	30.22 -0.21 0.00	28.72 -0.29 0.00	22.41 -0.14 0.00	21.29 -0.11 0.00	20.62 -0.04 0.00	19.68 -0.02 0.00	19.45 -0.04 0.00	19.48 -0.04 0.00	20.49 -0.06 0.00	22.88 -0.18 0.00	26.95 -0.27 0.00	30.25 -0.24 0.00	34.26 -0.17 0.00	33.73 -0.20 0.00	28.63 -0.26 0.00	25.78 -0.10 0.00	22.99 -0.05 0.00
GENERAL___MILLS 23808	18.58 -0.21 0.00	18.11 0.21 0.00	17.99 0.32 0.00	18.12 0.37 0.00	18.42 0.20 0.00	19.95 -0.04 0.00	26.56 -0.82 0.00	28.70 -1.73 0.00	27.16 -1.86 0.00	21.80 -0.74 0.00	20.73 -0.66 0.00	20.33 -0.33 0.00	19.23 -0.47 0.00	19.00 -0.49 0.00	19.07 -0.45 0.00	19.98 -0.58 0.00	21.79 -1.27 0.00	25.56 -1.66 0.00	28.67 -1.83 0.00	32.54 -1.89 0.00	31.86 -2.07 0.00	26.92 -1.96 0.00	24.51 -1.37 0.00	22.37 -0.67 0.00
GE_PLASTICS___DRP 24183	19.26 0.47 0.00	18.31 0.41 0.00	18.04 0.37 0.00	18.11 0.36 0.00	18.64 0.42 0.00	20.49 0.50 0.00	28.07 0.68 0.00	31.32 0.88 0.00	29.74 0.73 0.00	23.04 0.50 0.00	21.87 0.47 0.00	21.08 0.41 0.00	20.10 0.39 0.00	19.90 0.41 0.00	19.93 0.41 0.00	20.98 0.43 0.00	23.59 0.53 0.00	27.87 0.65 0.00	31.47 0.98 0.00	35.46 1.03 0.00	35.02 1.09 0.00	29.58 0.69 0.00	26.34 0.47 0.00	23.45 0.41 0.00
GILBOA___1 23756	19.19 0.40 0.00	18.22 0.32 0.00	17.97 0.30 0.00	18.05 0.30 0.00	18.55 0.33 0.00	20.39 0.40 0.00	27.96 0.58 0.00	31.20 0.76 0.00	29.65 0.64 0.00	23.02 0.47 0.00	21.82 0.43 0.00	21.08 0.41 0.00	20.08 0.37 0.00	19.86 0.37 0.00	19.89 0.37 0.00	20.94 0.39 0.00	23.55 0.49 0.00	27.82 0.60 0.00	31.35 0.85 0.00	35.33 0.89 0.00	34.85 0.92 0.00	29.47 0.58 0.00	26.29 0.41 0.00	23.38 0.35 0.00
GILBOA___2 23757	19.19 0.40 0.00	18.22 0.32 0.00	17.97 0.30 0.00	18.05 0.30 0.00	18.55 0.33 0.00	20.39 0.40 0.00	27.96 0.58 0.00	31.20 0.76 0.00	29.65 0.64 0.00	23.02 0.47 0.00	21.82 0.43 0.00	21.08 0.41 0.00	20.08 0.37 0.00	19.86 0.37 0.00	19.89 0.37 0.00	20.94 0.39 0.00	23.55 0.49 0.00	27.82 0.60 0.00	31.35 0.85 0.00	35.33 0.89 0.00	34.85 0.92 0.00	29.47 0.58 0.00	26.29 0.41 0.00	23.38 0.35 0.00
GILBOA___3 23758	19.19 0.40 0.00	18.22 0.32 0.00	17.97 0.30 0.00	18.05 0.30 0.00	18.55 0.33 0.00	20.39 0.40 0.00	27.96 0.58 0.00	31.20 0.76 0.00	29.65 0.64 0.00	23.02 0.47 0.00	21.82 0.43 0.00	21.08 0.41 0.00	20.08 0.37 0.00	19.86 0.37 0.00	19.89 0.37 0.00	20.94 0.39 0.00	23.55 0.49 0.00	27.82 0.60 0.00	31.35 0.85 0.00	35.33 0.89 0.00	34.85 0.92 0.00	29.47 0.58 0.00	26.29 0.41 0.00	23.38 0.35 0.00

GILBOA___4 23759	19.19 0.40 0.00	18.22 0.32 0.00	17.97 0.30 0.00	18.05 0.30 0.00	18.55 0.33 0.00	20.39 0.40 0.00	27.96 0.58 0.00	31.20 0.76 0.00	29.65 0.64 0.00	23.02 0.47 0.00	21.82 0.43 0.00	21.08 0.41 0.00	20.08 0.37 0.00	19.86 0.37 0.00	19.89 0.37 0.00	20.94 0.39 0.00	23.55 0.49 0.00	27.82 0.60 0.00	31.35 0.85 0.00	35.33 0.89 0.00	34.85 0.92 0.00	29.47 0.58 0.00	26.29 0.41 0.00	23.38 0.35 0.00
GILBOA____ 23599	19.18 0.39 0.00	18.23 0.34 0.00	17.97 0.30 0.00	18.05 0.30 0.00	18.55 0.33 0.00	20.39 0.40 0.00	27.96 0.58 0.00	31.17 0.73 0.00	29.65 0.64 0.00	23.02 0.47 0.00	21.84 0.45 0.00	21.08 0.41 0.00	20.08 0.37 0.00	19.86 0.37 0.00	19.89 0.37 0.00	20.94 0.39 0.00	23.57 0.51 0.00	27.82 0.60 0.00	31.35 0.85 0.00	35.33 0.90 0.00	34.85 0.92 0.00	29.47 0.58 0.00	26.29 0.41 0.00	23.38 0.35 0.00
GINNA____ 23603	17.59 -1.20 0.00	16.94 -0.95 0.00	16.75 -0.92 0.00	16.85 -0.90 0.00	17.29 -0.93 0.00	18.79 -1.20 0.00	25.55 -1.83 0.00	28.18 -2.25 0.00	26.81 -2.21 0.00	21.12 -1.42 0.00	20.22 -1.18 0.00	19.53 -1.14 0.00	18.56 -1.14 0.00	18.36 -1.13 0.00	18.41 -1.11 0.00	19.32 -1.23 0.00	21.40 -1.66 0.00	25.21 -2.01 0.00	28.30 -2.20 0.00	32.02 -2.41 0.00	31.52 -2.41 0.00	26.61 -2.28 0.00	23.96 -1.91 0.00	21.54 -1.50 0.00
GLEN PARK____ 23778	18.45 -0.34 0.00	17.57 -0.32 0.00	17.40 -0.26 0.00	17.48 -0.27 0.00	17.98 -0.24 0.00	19.71 -0.28 0.00	27.17 -0.22 0.00	30.22 -0.21 0.00	28.40 -0.61 0.00	21.80 -0.74 0.00	20.60 -0.79 0.00	19.90 -0.76 0.00	18.95 -0.75 0.00	18.73 -0.76 0.00	18.72 -0.80 0.00	19.81 -0.74 0.00	22.37 -0.69 0.00	26.62 -0.60 0.00	30.47 -0.03 0.00	34.95 0.52 0.00	34.27 0.34 0.00	29.18 0.29 0.00	26.11 0.23 0.00	23.11 0.07 0.00
GLENDALE_27_KV_LOAD 356172	19.93 1.13 -0.01	18.83 0.93 -0.01	18.48 0.81 0.00	18.55 0.80 0.00	19.13 0.91 0.00	21.13 1.14 0.00	29.08 1.70 0.00	32.61 2.16 -0.02	31.12 2.09 -0.02	24.42 1.65 -0.23	22.97 1.56 -0.02	22.08 1.41 -0.02	21.02 1.30 -0.02	20.79 1.29 -0.01	20.79 1.27 0.00	21.93 1.38 0.00	27.16 1.78 -2.32	30.19 2.12 -0.84	33.17 2.62 -0.05	37.30 2.86 -0.02	36.90 2.95 -0.02	30.74 1.85 0.00	27.38 1.50 0.00	24.26 1.22 0.00
GLENWOOD_IC_1_G5 23712	20.27 1.30 -0.18	18.91 1.02 0.00	18.59 0.92 0.00	18.66 0.91 0.00	19.24 1.02 0.00	21.29 1.30 0.00	29.28 1.89 0.00	32.69 2.25 0.00	31.10 2.09 0.00	24.31 1.78 0.01	23.08 1.69 0.00	22.09 1.43 0.00	21.00 1.30 0.00	20.82 1.33 0.00	20.85 1.33 0.00	22.05 1.50 0.00	24.89 1.91 0.09	29.79 2.42 -0.15	33.42 2.93 0.00	37.70 3.27 0.00	37.32 3.39 0.00	32.52 2.25 -1.38	27.66 1.79 0.00	24.49 1.45 0.00
GLENWOOD_IC_2_G1 23688	20.19 1.22 -0.18	18.84 0.95 0.00	18.55 0.88 0.00	18.60 0.85 0.00	19.17 0.95 0.00	21.21 1.22 0.00	29.19 1.81 0.00	32.66 2.22 0.00	30.99 1.97 0.00	24.04 1.51 0.01	22.72 1.33 0.00	22.03 1.36 0.00	20.94 1.24 0.00	20.78 1.29 0.00	20.79 1.27 0.00	21.99 1.44 0.00	24.79 1.82 0.09	29.68 2.31 -0.15	33.33 2.84 0.00	37.56 3.13 0.00	37.19 3.26 0.00	32.41 2.14 -1.38	27.61 1.73 0.00	24.42 1.38 0.00
GLENWOOD_IC_3_G1 23689	20.19 1.22 -0.18	18.84 0.95 0.00	18.55 0.88 0.00	18.60 0.85 0.00	19.17 0.95 0.00	21.21 1.22 0.00	29.19 1.81 0.00	32.66 2.22 0.00	30.99 1.97 0.00	24.04 1.51 0.01	22.72 1.33 0.00	22.03 1.36 0.00	20.94 1.24 0.00	20.78 1.29 0.00	20.79 1.27 0.00	21.99 1.44 0.00	24.79 1.82 0.09	29.68 2.31 -0.15	33.33 2.84 0.00	37.56 3.13 0.00	37.19 3.26 0.00	32.41 2.14 -1.38	27.61 1.73 0.00	24.42 1.38 0.00
GLENWOOD___4 23550	20.27 1.30 -0.18	18.91 1.02 0.00	18.59 0.92 0.00	18.66 0.91 0.00	19.24 1.02 0.00	21.29 1.30 0.00	29.28 1.89 0.00	32.69 2.25 0.00	31.10 2.09 0.00	24.31 1.78 0.01	23.08 1.69 0.00	22.09 1.43 0.00	21.00 1.30 0.00	20.82 1.33 0.00	20.85 1.33 0.00	22.05 1.50 0.00	24.89 1.91 0.09	29.79 2.42 -0.15	33.42 2.93 0.00	37.70 3.27 0.00	37.32 3.39 0.00	32.52 2.25 -1.38	27.66 1.79 0.00	24.49 1.45 0.00
GLENWOOD___5 23614	20.27 1.30 -0.18	18.91 1.02 0.00	18.59 0.92 0.00	18.66 0.91 0.00	19.24 1.02 0.00	21.29 1.30 0.00	29.28 1.89 0.00	32.69 2.25 0.00	31.10 2.09 0.00	24.31 1.78 0.01	23.08 1.69 0.00	22.09 1.43 0.00	21.00 1.30 0.00	20.82 1.33 0.00	20.85 1.33 0.00	22.05 1.50 0.00	24.89 1.91 0.09	29.79 2.42 -0.15	33.42 2.93 0.00	37.70 3.27 0.00	37.32 3.39 0.00	32.52 2.25 -1.38	27.66 1.79 0.00	24.49 1.45 0.00
GLOBAL GREEN_PORT_GT1 23814	21.27 2.29 -0.18	19.79 1.90 0.00	19.45 1.78 0.00	19.53 1.77 0.00	20.15 1.93 0.00	22.29 2.30 0.00	30.64 3.26 0.00	33.93 3.50 0.00	31.80 2.79 0.00	24.92 2.39 0.01	23.49 2.10 0.00	22.44 1.78 0.00	21.42 1.71 0.00	21.15 1.66 0.00	21.08 1.56 0.00	22.40 1.85 0.00	25.39 2.42 0.09	30.50 3.13 -0.15	34.61 4.12 0.00	38.73 4.30 0.00	38.44 4.51 0.00	33.53 3.26 -1.38	28.42 2.54 0.00	25.20 2.16 0.00
GLOBE___DSASP 323697	17.81 -0.98 0.00	17.39 -0.50 0.00	17.30 -0.37 0.00	17.41 -0.34 0.00	17.69 -0.53 0.00	19.15 -0.84 0.00	25.36 -2.03 0.00	27.33 -3.10 0.00	25.91 -3.10 0.00	20.81 -1.74 0.00	19.79 -1.60 0.00	19.47 -1.20 0.00	18.40 -1.30 0.00	18.18 -1.31 0.00	18.25 -1.27 0.00	19.11 -1.44 0.00	20.80 -2.26 0.00	24.42 -2.80 0.00	27.32 -3.17 0.00	30.92 -3.51 0.00	30.33 -3.60 0.00	25.65 -3.24 0.00	23.39 -2.48 0.00	21.40 -1.64 0.00
GOETHSLN___LBMP 323567	19.64 0.85 0.00	18.56 0.66 0.00	18.23 0.57 0.00	18.30 0.55 0.00	18.86 0.64 0.00	20.85 0.86 0.00	28.73 1.34 0.00	32.25 1.80 -0.02	30.77 1.74 -0.02	24.15 1.38 -0.24	22.72 1.31 -0.02	21.84 1.16 -0.02	20.80 1.08 -0.02	20.57 1.07 -0.01	20.57 1.05 0.00	21.68 1.13 0.00	26.79 1.45 -2.28	29.80 1.74 -0.83	32.71 2.17 -0.05	36.82 2.38 -0.02	35.32 2.44 1.05	30.39 1.50 0.00	27.02 1.14 0.00	23.91 0.88 0.00
GOLAH___69_KV_TB 1_2 80279	18.49 -0.30 0.00	17.89 0.00 0.00	17.79 0.12 0.00	17.91 0.16 0.00	18.27 0.05 0.00	19.89 -0.10 0.00	26.87 -0.52 0.00	29.43 -1.00 0.00	27.91 -1.10 0.00	22.00 -0.54 0.00	20.88 -0.51 0.00	20.35 -0.31 0.00	19.31 -0.39 0.00	19.14 -0.35 0.00	19.17 -0.35 0.00	20.10 -0.45 0.00	22.14 -0.92 0.00	26.05 -1.17 0.00	29.31 -1.19 0.00	33.23 -1.21 0.00	32.64 -1.29 0.00	27.59 -1.30 0.00	24.95 -0.93 0.00	22.58 -0.46 0.00
GOODYEAR_LAKE_HYD 323669	19.67 0.88 0.00	18.73 0.84 0.00	18.50 0.83 0.00	18.58 0.83 0.00	19.11 0.89 0.00	21.03 1.04 0.00	28.95 1.56 0.00	32.14 1.70 0.00	30.55 1.54 0.00	23.71 1.17 0.00	22.44 1.05 0.00	21.68 1.01 0.00	20.65 0.95 0.00	20.41 0.92 0.00	20.46 0.94 0.00	21.54 0.99 0.00	24.14 1.08 0.00	28.45 1.22 0.00	32.20 1.71 0.00	36.43 2.00 0.00	35.83 1.90 0.00	30.33 1.44 0.00	27.12 1.24 0.00	24.10 1.06 0.00

GOUDEY___7 235031	19.15 0.36 0.00	18.32 0.43 0.00	18.13 0.46 0.00	18.23 0.48 0.00	18.66 0.44 0.00	20.47 0.48 0.00	27.93 0.55 0.00	30.89 0.46 0.00	29.42 0.41 0.00	22.90 0.36 0.00	21.72 0.32 0.00	21.04 0.37 0.00	20.04 0.33 0.00	19.80 0.31 0.00	19.83 0.31 0.00	20.86 0.31 0.00	23.27 0.21 0.00	27.44 0.22 0.00	30.86 0.37 0.00	34.98 0.55 0.00	34.40 0.48 0.00	29.12 0.23 0.00	26.19 0.31 0.00	23.41 0.37 0.00
GOUDEY___7 23579	19.17 0.38 0.00	18.32 0.43 0.00	18.13 0.46 0.00	18.25 0.50 0.00	18.68 0.46 0.00	20.49 0.50 0.00	27.96 0.58 0.00	30.92 0.49 0.00	29.45 0.44 0.00	22.93 0.38 0.00	21.76 0.36 0.00	21.06 0.39 0.00	20.06 0.35 0.00	19.82 0.33 0.00	19.85 0.33 0.00	20.88 0.33 0.00	23.29 0.23 0.00	27.47 0.24 0.00	30.89 0.40 0.00	35.02 0.59 0.00	34.44 0.51 0.00	29.15 0.26 0.00	26.22 0.34 0.00	23.43 0.39 0.00
GOUDEY___8 23580	19.15 0.36 0.00	18.32 0.43 0.00	18.13 0.46 0.00	18.23 0.48 0.00	18.66 0.44 0.00	20.47 0.48 0.00	27.93 0.55 0.00	30.89 0.46 0.00	29.42 0.41 0.00	22.90 0.36 0.00	21.72 0.32 0.00	21.04 0.37 0.00	20.04 0.33 0.00	19.80 0.31 0.00	19.83 0.31 0.00	20.86 0.31 0.00	23.27 0.21 0.00	27.44 0.22 0.00	30.86 0.37 0.00	34.98 0.55 0.00	34.40 0.48 0.00	29.12 0.23 0.00	26.19 0.31 0.00	23.41 0.37 0.00
GOWANUS_GT1_1 24077	19.93 1.13 -0.01	18.83 0.93 -0.01	18.48 0.81 0.00	18.53 0.78 0.00	19.11 0.89 0.00	21.11 1.12 0.00	29.03 1.64 0.00	32.58 2.13 -0.02	31.03 2.00 -0.02	24.35 1.58 -0.23	22.91 1.50 -0.02	22.02 1.34 -0.02	20.98 1.26 -0.02	20.75 1.25 -0.01	20.75 1.23 0.00	21.91 1.36 0.00	27.13 1.75 -2.32	30.16 2.10 -0.84	33.20 2.65 -0.05	37.30 2.86 -0.02	36.86 2.92 -0.02	30.77 1.88 0.00	27.41 1.53 0.00	24.28 1.24 0.00
GOWANUS_GT1_2 24078	19.93 1.13 -0.01	18.83 0.93 -0.01	18.48 0.81 0.00	18.53 0.78 0.00	19.11 0.89 0.00	21.11 1.12 0.00	29.03 1.64 0.00	32.58 2.13 -0.02	31.03 2.00 -0.02	24.35 1.58 -0.23	22.91 1.50 -0.02	22.02 1.34 -0.02	20.98 1.26 -0.02	20.75 1.25 -0.01	20.75 1.23 0.00	21.91 1.36 0.00	27.13 1.75 -2.32	30.16 2.10 -0.84	33.20 2.65 -0.05	37.30 2.86 -0.02	36.86 2.92 -0.02	30.77 1.88 0.00	27.41 1.53 0.00	24.28 1.24 0.00
GOWANUS_GT1_3 24079	19.93 1.13 -0.01	18.83 0.93 -0.01	18.48 0.81 0.00	18.53 0.78 0.00	19.11 0.89 0.00	21.11 1.12 0.00	29.03 1.64 0.00	32.58 2.13 -0.02	31.03 2.00 -0.02	24.35 1.58 -0.23	22.91 1.50 -0.02	22.02 1.34 -0.02	20.98 1.26 -0.02	20.75 1.25 -0.01	20.75 1.23 0.00	21.91 1.36 0.00	27.13 1.75 -2.32	30.16 2.10 -0.84	33.20 2.65 -0.05	37.30 2.86 -0.02	36.86 2.92 -0.02	30.77 1.88 0.00	27.41 1.53 0.00	24.28 1.24 0.00
GOWANUS_GT1_4 24080	19.93 1.13 -0.01	18.83 0.93 -0.01	18.48 0.81 0.00	18.53 0.78 0.00	19.11 0.89 0.00	21.11 1.12 0.00	29.03 1.64 0.00	32.58 2.13 -0.02	31.03 2.00 -0.02	24.35 1.58 -0.23	22.91 1.50 -0.02	22.02 1.34 -0.02	20.98 1.26 -0.02	20.75 1.25 -0.01	20.75 1.23 0.00	21.91 1.36 0.00	27.13 1.75 -2.32	30.16 2.10 -0.84	33.20 2.65 -0.05	37.30 2.86 -0.02	36.86 2.92 -0.02	30.77 1.88 0.00	27.41 1.53 0.00	24.28 1.24 0.00
GOWANUS_GT1_5 24084	19.93 1.13 -0.01	18.83 0.93 -0.01	18.48 0.81 0.00	18.53 0.78 0.00	19.11 0.89 0.00	21.11 1.12 0.00	29.03 1.64 0.00	32.58 																

GOWANUS_GT2_5 24118	19.91 1.11 -0.01	18.81 0.91 -0.01	18.50 0.83 0.00	18.53 0.78 0.00	19.09 0.87 0.00	21.09 1.10 0.00	29.00 1.62 0.00	32.61 2.16 -0.02	31.03 2.00 -0.02	24.35 1.58 -0.23	22.84 1.43 -0.02	22.02 1.34 -0.02	20.98 1.26 -0.02	20.77 1.27 -0.01	20.75 1.23 0.00	21.91 1.36 0.00	27.13 1.75 -2.32	30.19 2.12 -0.84	33.20 2.65 -0.05	37.27 2.82 -0.02	36.86 2.92 -0.02	30.74 1.85 0.00	27.41 1.53 0.00	24.28 1.24 0.00
GOWANUS_GT2_6 24119	19.91 1.11 -0.01	18.81 0.91 -0.01	18.50 0.83 0.00	18.53 0.78 0.00	19.09 0.87 0.00	21.09 1.10 0.00	29.00 1.62 0.00	32.61 2.16 -0.02	31.03 2.00 -0.02	24.35 1.58 -0.23	22.84 1.43 -0.02	22.02 1.34 -0.02	20.98 1.26 -0.02	20.77 1.27 -0.01	20.75 1.23 0.00	21.91 1.36 0.00	27.13 1.75 -2.32	30.19 2.12 -0.84	33.20 2.65 -0.05	37.27 2.82 -0.02	36.86 2.92 -0.02	30.74 1.85 0.00	27.41 1.53 0.00	24.28 1.24 0.00
GOWANUS_GT2_7 24120	19.91 1.11 -0.01	18.81 0.91 -0.01	18.50 0.83 0.00	18.53 0.78 0.00	19.09 0.87 0.00	21.09 1.10 0.00	29.00 1.62 0.00	32.61 2.16 -0.02	31.03 2.00 -0.02	24.35 1.58 -0.23	22.84 1.43 -0.02	22.02 1.34 -0.02	20.98 1.26 -0.02	20.77 1.27 -0.01	20.75 1.23 0.00	21.91 1.36 0.00	27.13 1.75 -2.32	30.19 2.12 -0.84	33.20 2.65 -0.05	37.27 2.82 -0.02	36.86 2.92 -0.02	30.74 1.85 0.00	27.41 1.53 0.00	24.28 1.24 0.00
GOWANUS_GT2_8 24121	19.91 1.11 -0.01	18.81 0.91 -0.01	18.50 0.83 0.00	18.53 0.78 0.00	19.09 0.87 0.00	21.09 1.10 0.00	29.00 1.62 0.00	32.61 2.16 -0.02	31.03 2.00 -0.02	24.35 1.58 -0.23	22.84 1.43 -0.02	22.02 1.34 -0.02	20.98 1.26 -0.02	20.77 1.27 -0.01	20.75 1.23 0.00	21.91 1.36 0.00	27.13 1.75 -2.32	30.19 2.12 -0.84	33.20 2.65 -0.05	37.27 2.82 -0.02	36.86 2.92 -0.02	30.74 1.85 0.00	27.41 1.53 0.00	24.28 1.24 0.00
GOWANUS_GT3_1 24122	19.91 1.11 -0.01	18.81 0.91 -0.01	18.50 0.83 0.00	18.53 0.78 0.00	19.09 0.87 0.00	21.09 1.10 0.00	29.00 1.62 0.00	32.61 2.16 -0.02	31.03 2.00 -0.02	24.35 1.58 -0.23	22.84 1.43 -0.02	22.02 1.34 -0.02	20.98 1.26 -0.02	20.77 1.27 -0.01	20.75 1.23 0.00	21.91 1.36 0.00	27.13 1.75 -2.32	30.19 2.12 -0.84	33.20 2.65 -0.05	37.27 2.82 -0.02	36.86 2.92 -0.02	30.74 1.85 0.00	27.41 1.53 0.00	24.28 1.24 0.00
GOWANUS_GT3_2 24123	19.91 1.11 -0.01	18.81 0.91 -0.01	18.50 0.83 0.00	18.53 0.78 0.00	19.09 0.87 0.00	21.09 1.10 0.00	29.00 1.62 0.00	32.61 2.16 -0.02	31.03 2.00 -0.02	24.35 1.58 -0.23	22.84 1.43 -0.02	22.02 1.34 -0.02	20.98 1.26 -0.02	20.77 1.27 -0.01	20.75 1.23 0.00	21.91 1.36 0.00	27.13 1.75 -2.32	30.19 2.12 -0.84	33.20 2.65 -0.05	37.27 2.82 -0.02	36.86 2.92 -0.02	30.74 1.85 0.00	27.41 1.53 0.00	24.28 1.24 0.00
GOWANUS_GT3_3 24124	19.91 1.11 -0.01	18.81 0.91 -0.01	18.50 0.83 0.00	18.53 0.78 0.00	19.09 0.87 0.00	21.09 1.10 0.00	29.00 1.62 0.00	32.61 2.16 -0.02	31.03 2.00 -0.02	24.35 1.58 -0.23	22.84 1.43 -0.02	22.02 1.34 -0.02	20.98 1.26 -0.02	20.77 1.27 -0.01	20.75 1.23 0.00	21.91 1.36 0.00	27.13 1.75 -2.32	30.19 2.12 -0.84	33.20 2.65 -0.05	37.27 2.82 -0.02	36.86 2.92 -0.02	30.74 1.85 0.00	27.41 1.53 0.00	24.28 1.24 0.00
GOWANUS_GT3_4 24125	19.91 1.11 -0.01	18.81 0.91 -0.01	18.50 0.83 0.00	18.53 0.78 0.00	19.09 0.87 0.00	21.09 1.10 0.00	29.00 1.62 0.00	32.61 2.16 -0.02	31.03 2.00 -0.02	24.35 1.58 -0.23	22.84 1.43 -0.02	22.02 1.34 -0.02	20.98 1.26 -0.02	20.77 1.27 -0.01	20.75 1.23 0.00	21.91 1.36 0.00	27.13 1.75 -2.32	30.19 2.12 -0.84	33.20 2.65 -0.05	37.27 2.82 -0.02	36.86 2.92 -0.02	30.74 1.85 0.00	27.41 1.53 0.00	24.28 1.24 0.00
GOWANUS_GT3_5 24126	19.91 1.11 -0.01	18.81 0.91 -0.01	18.50 0.83 0.00	18.53 0.78 0.00	19.09 0.87 0.00	21.09 1.10 0.00	29.00 1.62 0.00	32.61 2.16 -0.02	31.03 2.00 -0.02	24.35 1.58 -0.23	22.84 1.43 -0.02	22.02 1.34 -0.02	20.98 1.26 -0.02	20.77 1.27 -0.01	20.75 1.23 0.00	21.91 1.36 0.00	27.13 1.75 -2.32	30.19 2.12 -0.84	33.20 2.65 -0.05	37.27 2.82 -0.02	36.86 2.92 -0.02	30.74 1.85 0.00	27.41 1.53 0.00	24.28 1.24 0.00
GOWANUS_GT3_6 24127	19.91 1.11 -0.01	18.81 0.91 -0.01	18.50 0.83 0.00	18.53 0.78 0.00	19.09 0.87 0.00	21.09 1.10 0.00	29.00 1.62 0.00	32.61 2.16 -0.02	31.03 2.00 -0.02	24.35 1.58 -0.23	22.84 1.43 -0.02	22.02 1.34 -0.02	20.98 1.26 -0.02	20.77 1.27 -0.01	20.75 1.23 0.00	21.91 1.36 0.00	27.13 1.75 -2.32	30.19 2.12 -0.84	33.20 2.65 -0.05	37.27 2.82 -0.02	36.86 2.92 -0.02	30.74 1.85 0.00	27.41 1.53 0.00	24.28 1.24 0.00
GOWANUS_GT3_7 24128	19.91 1.11 -0.01	18.81 0.91 -0.01	18.50 0.83 0.00	18.53 0.78 0.00	19.09 0.87 0.00	21.09 1.10 0.00	29.00 1.62 0.00	32.61 2.16 -0.02	31.03 2.00 -0.02	24.35 1.58 -0.23	22.84 1.43 -0.02	22.02 1.34 -0.02	20.98 1.26 -0.02	20.77 1.27 -0.01	20.75 1.23 0.00	21.91 1.36 0.00	27.13 1.75 -2.32	30.19 2.12 -0.84	33.20 2.65 -0.05	37.27 2.82 -0.02	36.86 2.92 -0.02	30.74 1.85 0.00	27.41 1.53 0.00	24.28 1.24 0.00
GOWANUS_GT3_8 24129	19.91 1.11 -0.01	18.81 0.91 -0.01	18.50 0.83 0.00	18.53 0.78 0.00	19.09 0.87 0.00	21.09 1.10 0.00	29.00 1.62 0.00	32.61 2.16 -0.02	31.03 2.00 -0.02	24.35 1.58 -0.23	22.84 1.43 -0.02	22.02 1.34 -0.02	20.98 1.26 -0.02	20.77 1.27 -0.01	20.75 1.23 0.00	21.91 1.36 0.00	27.13 1.75 -2.32	30.19 2.12 -0.84	33.20 2.65 -0.05	37.27 2.82 -0.02	36.86 2.92 -0.02	30.74 1.85 0.00	27.41 1.53 0.00	24.28 1.24 0.00
GOWANUS_GT4_1 24130	19.93 1.13 -0.01	18.83 0.93 -0.01	18.48 0.81 0.00	18.53 0.78 0.00	19.11 0.89 0.00	21.11 1.12 0.00	29.03 1.64 0.00	32.58 2.13 -0.02	31.03 2.00 -0.02	24.35 1.58 -0.23	22.91 1.50 -0.02	22.02 1.34 -0.02	20.98 1.26 -0.02	20.75 1.25 -0.01	20.75 1.23 0.00	21.91 1.36 0.00	27.13 1.75 -2.32	30.16 2.10 -0.84	33.20 2.65 -0.05	37.30 2.86 -0.02	36.86 2.92 -0.02	30.77 1.88 0.00	27.41 1.53 0.00	24.28 1.24 0.00
GOWANUS_GT4_2 24131	19.93 1.13 -0.01	18.83 0.93 -0.01	18.48 0.81 0.00	18.53 0.78 0.00	19.11 0.89 0.00	21.11 1.12 0.00	29.03 1.64 0.00	32.58 2.13 -0.02	31.03 2.00 -0.02	24.35 1.58 -0.23	22.91 1.50 -0.02	22.02 1.34 -0.02	20.98 1.26 -0.02	20.75 1.25 -0.01	20.75 1.23 0.00	21.91 1.36 0.00	27.13 1.75 -2.32	30.16 2.10 -0.84	33.20 2.65 -0.05	37.30 2.86 -0.02	36.86 2.92 -0.02	30.77 1.88 0.00	27.41 1.53 0.00	24.28 1.24 0.00
GOWANUS_GT4_3 24132	19.93 1.13 -0.01	18.83 0.93 -0.01	18.48 0.81 0.00	18.53 0.78 0.00	19.11 0.89 0.00	21.11 1.12 0.00	29.03 1.64 0.00	32.58 2.13 -0.02	31.03 2.00 -0.02	24.35 1.58 -0.23	22.91 1.50 -0.02	22.02 1.34 -0.02	20.98 1.26 -0.02	20.75 1.25 -0.01	20.75 1.23 0.00	21.91 1.36 0.00	27.13 1.75 -2.32	30.16 2.10 -0.84	33.20 2.65 -0.05	37.30 2.86 -0.02	36.86 2.92 -0.02	30.77 1.88 0.00	27.41 1.53 0.00	24.28 1.24 0.00

GOWANUS_GT4_4 24133	19.93 1.13 -0.01	18.83 0.93 -0.01	18.48 0.81 0.00	18.53 0.78 0.00	19.11 0.89 0.00	21.11 1.12 0.00	29.03 1.64 0.00	32.58 2.13 -0.02	31.03 2.00 -0.02	24.35 1.58 -0.23	22.91 1.50 -0.02	22.02 1.34 -0.02	20.98 1.26 -0.02	20.75 1.25 -0.01	20.75 1.23 0.00	21.91 1.36 0.00	27.13 1.75 -2.32	30.16 2.10 -0.84	33.20 2.65 -0.05	37.30 2.86 -0.02	36.86 2.92 -0.02	30.77 1.88 0.00	27.41 1.53 0.00	24.28 1.24 0.00
GOWANUS_GT4_5 24134	19.93 1.13 -0.01	18.83 0.93 -0.01	18.48 0.81 0.00	18.53 0.78 0.00	19.11 0.89 0.00	21.11 1.12 0.00	29.03 1.64 0.00	32.58 2.13 -0.02	31.03 2.00 -0.02	24.35 1.58 -0.23	22.91 1.50 -0.02	22.02 1.34 -0.02	20.98 1.26 -0.02	20.75 1.25 -0.01	20.75 1.23 0.00	21.91 1.36 0.00	27.13 1.75 -2.32	30.16 2.10 -0.84	33.20 2.65 -0.05	37.30 2.86 -0.02	36.86 2.92 -0.02	30.77 1.88 0.00	27.41 1.53 0.00	24.28 1.24 0.00
GOWANUS_GT4_6 24135	19.93 1.13 -0.01	18.83 0.93 -0.01	18.48 0.81 0.00	18.53 0.78 0.00	19.11 0.89 0.00	21.11 1.12 0.00	29.03 1.64 0.00	32.58 2.13 -0.02	31.03 2.00 -0.02	24.35 1.58 -0.23	22.91 1.50 -0.02	22.02 1.34 -0.02	20.98 1.26 -0.02	20.75 1.25 -0.01	20.75 1.23 0.00	21.91 1.36 0.00	27.13 1.75 -2.32	30.16 2.10 -0.84	33.20 2.65 -0.05	37.30 2.86 -0.02	36.86 2.92 -0.02	30.77 1.88 0.00	27.41 1.53 0.00	24.28 1.24 0.00
GOWANUS_GT4_7 24136	19.93 1.13 -0.01	18.83 0.93 -0.01	18.48 0.81 0.00	18.53 0.78 0.00	19.11 0.89 0.00	21.11 1.12 0.00	29.03 1.64 0.00	32.58 2.13 -0.02	31.03 2.00 -0.02	24.35 1.58 -0.23	22.91 1.50 -0.02	22.02 1.34 -0.02	20.98 1.26 -0.02	20.75 1.25 -0.01	20.75 1.23 0.00	21.91 1.36 0.00	27.13 1.75 -2.32	30.16 2.10 -0.84	33.20 2.65 -0.05	37.30 2.86 -0.02	36.86 2.92 -0.02	30.77 1.88 0.00	27.41 1.53 0.00	24.28 1.24 0.00
GOWANUS_GT4_8 24137	19.93 1.13 -0.01	18.83 0.93 -0.01	18.48 0.81 0.00	18.53 0.78 0.00	19.11 0.89 0.00	21.11 1.12 0.00	29.03 1.64 0.00	32.58 2.13 -0.02	31.03 2.00 -0.02	24.35 1.58 -0.23	22.91 1.50 -0.02	22.02 1.34 -0.02	20.98 1.26 -0.02	20.75 1.25 -0.01	20.75 1.23 0.00	21.91 1.36 0.00	27.13 1.75 -2.32	30.16 2.10 -0.84	33.20 2.65 -0.05	37.30 2.86 -0.02	36.86 2.92 -0.02	30.77 1.88 0.00	27.41 1.53 0.00	24.28 1.24 0.00
GREENBSH_115KV_TB3 55895	19.32 0.53 0.00	18.36 0.47 0.00	18.09 0.42 0.00	18.16 0.41 0.00	18.69 0.47 0.00	20.55 0.56 0.00	28.18 0.79 0.00	31.44 1.00 0.00	29.86 0.84 0.00	23.11 0.56 0.00	21.95 0.56 0.00	21.16 0.50 0.00	20.16 0.45 0.00	19.96 0.47 0.00	19.99 0.47 0.00	21.07 0.51 0.00	23.68 0.62 0.00	27.96 0.73 0.00	31.62 1.13 0.00	35.64 1.21 0.00	35.19 1.26 0.00	29.70 0.81 0.00	26.45 0.57 0.00	23.52 0.48 0.00
GREENDGE_115KV_TB5 80291	19.60 0.81 0.00	18.79 0.89 0.00	18.62 0.95 0.00	18.76 1.01 0.00	19.20 0.98 0.00	21.11 1.12 0.00	29.03 1.64 0.00	31.90 1.46 0.00	30.44 1.42 0.00	23.02 0.47 0.00	21.78 0.39 0.00	21.14 0.48 0.00	20.12 0.41 0.00	19.86 0.37 0.00	19.89 0.37 0.00	20.90 0.35 0.00	23.29 0.23 0.00	27.41 0.19 0.00	30.98 0.49 0.00	34.98 0.55 0.00	34.37 0.44 0.00	29.18 0.29 0.00	26.22 0.34 0.00	23.45 0.41 0.00
GREENIDGE___3 23582	19.60 0.81 0.00	18.79 0.89 0.00	18.62 0.95 0.00	18.76 1.01 0.00	19.20 0.98 0.00	21.11 1.12 0.00	29.03 1.64 0.00	31.90 1.46 0.00	30.44 1.42 0.00	23.02 0.47 0.00	21.78 0.39 0.00	21.14 0.48 0.00	20.12 0.41 0.00	19.86 0.37 0.00	19.89 0.37 0.00	20.90 0.35 0.00	23.29 0.23 0.00	27.41 0.19 0.00	30.98 0.49 0.00	34.98 0.55 0.00	34.37 0.44 0.00	29.18 0.29 0.00	26.22 0.34 0.00	23.45 0.41 0.00
GREENIDGE___4 23583	19.64 0.85 0.00	18.82 0.93 0.00	18.62 0.95 0.00	18.76 1.01 0.00	19.26 1.04 0.00	21.13 1.14 0.00	29.03 1.64 0.00	31.99 1.55 0.00	30.44 1.42 0.00	23.02 0.47 0.00	21.89 0.49 0.00	21.14 0.48 0.00	20.12 0.41 0.00	19.86 0.37 0.00	19.89 0.37 0.00	20.90 0.35 0.00	23.29 0.23 0.00	27.44 0.22 0.00	30.98 0.49 0.00	34.98 0.55 0.00	34.37 0.44 0.00	29.18 0.29 0.00	26.21 0.34 0.00	23.45 0.42 0.00
GREENLWN_69_KV_BK 3 55738	20.35 1.37 -0.18	18.99 1.09 0.00	18.66 0.99 0.00	18.73 0.98 0.00	19.31 1.09 0.00	21.37 1.38 0.00	29.38 2.00 0.00	32.72 2.28 0.00	31.13 2.12 0.00	24.31 1.78 0.01	23.08 1.69 0.00	22.07 1.41 0.00	21.00 1.30 0.00	20.82 1.33 0.00	20.85 1.33 0.00	22.05 1.50 0.00	24.89 1.91 0.09	29.79 2.42 -0.15	33.45 2.96 0.00	37.67 3.24 0.00	37.29 3.36 0.00	32.52 2.25 -1.38	27.66 1.79 0.00	24.49 1.45 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	19.93 1.13 -0.01	18.83 0.93 -0.01	18.48 0.81 0.00	18.53 0.78 0.00	19.11 0.89 0.00	21.11 1.12 0.00	29.03 1.64 0.00	32.58 2.13 -0.02	31.03 2.00 -0.02	24.35 1.58 -0.23	22.91 1.50 -0.02	22.02 1.34 -0.02	20.98 1.26 -0.02	20.75 1.25 -0.01	20.75 1.23 0.00	21.91 1.36 0.00	27.13 1.75 -2.32	30.16 2.10 -0.84	33.20 2.65 -0.05	37.30 2.86 -0.02	36.86 2.92 -0.02	30.77 1.88 0.00	27.41 1.53 0.00	24.28 1.24 0.00
GRISSOM___SOLAR 323813	20.61 1.82 0.00	19.67 1.77 0.00	19.42 1.75 0.00	19.53 1.77 0.00	20.13 1.91 0.00	22.17 2.18 0.00	30.73 3.34 0.00	34.03 3.59 0.00	32.23 3.22 0.00	24.50 1.96 0.00	23.21 1.82 0.00	22.17 1.51 0.00	21.10 1.40 0.00	20.91 1.42 0.00	20.98 1.46 0.00	22.13 1.58 0.00	25.00 1.94 0.00	29.70 2.48 0.00	33.94 3.45 0.00	38.87 4.44 0.00	38.44 4.51 0.00	32.35 3.47 0.00	28.70 2.82 0.00	25.50 2.47 0.00
GROVEVILLE___HYD 323602	19.62 0.83 0.00	18.57 0.68 0.00	18.27 0.60 0.00	18.35 0.60 0.00	18.89 0.67 0.00	20.81 0.82 0.00	28.62 1.23 0.00	32.08 1.64 0.00	30.49 1.48 0.00	23.62 1.08 0.00	22.40 1.01 0.00	21.55 0.89 0.00	20.49 0.79 0.00	20.29 0.80 0.00	20.32 0.80 0.00	21.46 0.90 0.00	24.21 1.15 0.00	28.64 1.42 0.00	32.36 1.86 0.00	36.60 2.17 0.00	36.17 2.24 0.00	30.30 1.42 0.00	26.91 1.04 0.00	23.87 0.83 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	18.85 0.06 0.00	18.00 0.11 0.00	17.81 0.14 0.00	17.93 0.18 0.00	18.35 0.13 0.00	20.11 0.12 0.00	27.55 0.16 0.00	30.53 0.09 0.00	29.01 0.00 0.00	22.61 0.07 0.00	21.46 0.06 0.00	20.81 0.14 0.00	19.84 0.14 0.00	19.61 0.12 0.00	19.64 0.12 0.00	20.63 0.08 0.00	23.06 0.00 0.00	27.17 -0.05 0.00	30.53 0.03 0.00	34.57 0.14 0.00	34.03 0.10 0.00	28.89 0.00 0.00	25.98 0.10 0.00	23.18 0.14 0.00
HAMLTNNY_34_KV_TB 80303	18.87 0.08 0.00	18.04 0.14 0.00	17.84 0.18 0.00	17.96 0.21 0.00	18.38 0.16 0.00	20.15 0.16 0.00	27.60 0.22 0.00	30.56 0.12 0.00	29.04 0.03 0.00	22.63 0.09 0.00	21.46 0.06 0.00	20.81 0.14 0.00	19.84 0.14 0.00	19.61 0.12 0.00	19.64 0.12 0.00	20.63 0.08 0.00	23.04 -0.02 0.00	27.17 -0.05 0.00	30.53 0.03 0.00	34.57 0.14 0.00	34.03 0.10 0.00	28.83 -0.06 0.00	25.93 0.05 0.00	23.15 0.12 0.00

HAMPSHIRE___PAPER_HYD 323593	17.94 -0.85 0.00	17.07 -0.82 0.00	16.85 -0.81 0.00	16.93 -0.82 0.00	17.40 -0.82 0.00	19.09 -0.90 0.00	26.29 -1.10 0.00	29.25 -1.19 0.00	27.80 -1.22 0.00	21.44 -1.10 0.00	20.28 -1.11 0.00	19.59 -1.08 0.00	18.70 -1.00 0.00	18.48 -1.01 0.00	18.48 -1.04 0.00	19.57 -0.99 0.00	22.05 -1.01 0.00	26.16 -1.06 0.00	29.46 -1.04 0.00	33.57 -0.86 0.00	32.94 -0.99 0.00	28.20 -0.69 0.00	25.23 -0.65 0.00	22.37 -0.67 0.00
HARDSCRABBLE_WT_PWR 323673	18.58 -0.21 0.00	17.68 -0.21 0.00	17.46 -0.21 0.00	17.54 -0.21 0.00	18.00 -0.22 0.00	19.75 -0.24 0.00	27.11 -0.27 0.00	30.22 -0.21 0.00	28.70 -0.32 0.00	22.21 -0.34 0.00	21.03 -0.36 0.00	20.31 -0.35 0.00	19.35 -0.35 0.00	19.12 -0.37 0.00	19.15 -0.37 0.00	20.16 -0.39 0.00	22.67 -0.39 0.00	26.76 -0.46 0.00	30.19 -0.30 0.00	34.15 -0.28 0.00	33.69 -0.24 0.00	28.63 -0.26 0.00	25.65 -0.23 0.00	22.81 -0.23 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	19.58 0.79 0.00	18.54 0.64 0.00	18.23 0.57 0.00	18.30 0.55 0.00	18.84 0.62 0.00	20.79 0.80 0.00	28.56 1.18 0.00	32.02 1.58 0.00	30.52 1.51 0.00	23.69 1.15 0.00	22.46 1.07 0.00	21.61 0.95 0.00	20.55 0.85 0.00	20.35 0.86 0.00	20.40 0.88 0.00	21.52 0.97 0.00	24.27 1.25 0.03	28.68 1.47 0.01	32.39 1.89 0.00	36.60 2.17 0.00	36.17 2.24 0.00	30.25 1.36 0.00	26.91 1.04 0.00	23.87 0.83 0.00
HARSNRAD_115KV_TB1 81005	18.13 -0.66 0.00	17.70 -0.20 0.00	17.60 -0.07 0.00	17.71 -0.04 0.00	18.00 -0.22 0.00	19.49 -0.50 0.00	25.88 -1.51 0.00	27.94 -2.50 0.00	26.46 -2.55 0.00	21.24 -1.31 0.00	20.18 -1.22 0.00	19.84 -0.83 0.00	18.76 -0.95 0.00	18.54 -0.96 0.00	18.60 -0.92 0.00	19.48 -1.07 0.00	21.22 -1.84 0.00	24.93 -2.29 0.00	27.93 -2.56 0.00	31.68 -2.75 0.00	31.05 -2.88 0.00	26.23 -2.66 0.00	23.89 -1.99 0.00	21.82 -1.22 0.00
HARZA MOOSE___RIVER 24016	18.81 0.02 0.00	17.91 0.02 0.00	17.70 0.04 0.00	17.79 0.04 0.00	18.26 0.04 0.00	20.03 0.04 0.00	27.50 0.11 0.00	30.65 0.21 0.00	29.07 0.06 0.00	22.45 -0.09 0.00	21.25 -0.15 0.00	20.52 -0.14 0.00	19.57 -0.14 0.00	19.35 -0.14 0.00	19.38 -0.14 0.00	20.51 -0.04 0.00	23.08 0.02 0.00	27.36 0.14 0.00	31.02 0.52 0.00	35.36 0.93 0.00	34.74 0.81 0.00	29.52 0.64 0.00	26.42 0.54 0.00	23.43 0.39 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	18.73 -0.06 0.00	17.89 0.00 0.00	17.70 0.04 0.00	17.80 0.05 0.00	18.24 0.02 0.00	19.97 -0.02 0.00	27.33 -0.05 0.00	30.25 -0.18 0.00	28.75 -0.26 0.00	22.45 -0.09 0.00	21.31 -0.09 0.00	20.66 0.00 0.00	19.70 0.00 0.00	19.49 0.00 0.00	19.52 0.00 0.00	20.51 -0.04 0.00	22.90 -0.16 0.00	26.95 -0.27 0.00	30.22 -0.27 0.00	34.22 -0.21 0.00	33.69 -0.24 0.00	28.63 -0.26 0.00	25.80 -0.08 0.00	23.01 -0.02 0.00
HELLGATE_13_KV_LD 55870	19.89 1.09 -0.01	18.80 0.89 -0.01	18.46 0.80 0.00	18.53 0.78 0.00	19.09 0.87 0.00	21.09 1.10 0.00	29.00 1.62 0.00	32.49 2.04 -0.02	31.00 1.97 -0.02	24.33 1.56 -0.23	22.87 1.45 -0.02	22.00 1.32 -0.02	20.94 1.22 -0.02	20.71 1.21 -0.01	20.71 1.19 0.00	21.85 1.29 0.00	27.06 1.68 -2.32	30.08 2.01 -0.84	33.02 2.47 -0.05	37.13 2.69 -0.02	36.69 2.75 -0.02	30.62 1.73 0.00	27.28 1.40 0.00	24.19 1.15 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	19.89 1.09 -0.01	18.80 0.89 -0.01	18.46 0.80 0.00	18.53 0.78 0.00	19.09 0.87 0.00	21.09 1.10 0.00	29.00 1.62 0.00	32.49 2.04 -0.02	31.00 1.97 -0.02	24.33 1.56 -0.23	22.87 1.45 -0.02	22.00 1.32 -0.02	20.94 1.22 -0.02	20.71 1.21 -0.01	20.71 1.19 0.00	21.85 1.29 0.00	27.06 1.68 -2.32	30.08 2.01 -0.84	33.02 2.47 -0.05	37.13 2.69 -0.02	36.69 2.75 -0.02	30.62 1.73 0.00	27.28 1.40 0.00	24.19 1.15 0.00
HEMPSTEAD____ 23647	20.19 1.22 -0.18	18.84 0.95 0.00	18.53 0.87 0.00	18.58 0.83 0.00	19.15 0.93 0.00	21.19 1.20 0.00	29.19 1.81 0.00	32.63 2.19 0.00	30.96 1.94 0.00	24.16 1.62 0.01	22.83 1.43 0.00	21.97 1.30 0.00	20.88 1.18 0.00	20.70 1.21 0.00	20.71 1.19 0.00	21.91 1.36 0.00	24.73 1.75 0.09	29.60 2.23 -0.15	33.24 2.75 0.00	37.46 3.03 0.00	37.12 3.19 0.00	32.35 2.08 -1.38	27.54 1.66 0.00	24.35 1.31 0.00
HEWLETT__69_KV_BK3 55828	20.29 1.32 -0.18	18.95 1.06 0.00	18.60 0.94 0.00	18.67 0.92 0.00	19.26 1.04 0.00	21.29 1.30 0.00	29.28 1.89 0.00	32.69 2.25 0.00	31.10 2.09 0.00	24.27 1.74 0.01	23.02 1.63 0.00	22.05 1.38 0.00	20.96 1.26 0.00	20.78 1.29 0.00	20.79 1.27 0.00	21.99 1.44 0.00	24.80 1.82 0.09	29.68 2.31 -0.15	33.30 2.81 0.00	37.56 3.13 0.00	37.19 3.26 0.00	32.43 2.17 -1.38	27.61 1.73 0.00	24.44 1.41 0.00
HICKLING___1 23621	19.43 0.64 0.00	18.66 0.77 0.00	18.50 0.83 0.00	18.62 0.87 0.00	19.04 0.82 0.00	20.89 0.90 0.00	28.51 1.12 0.00	31.38 0.94 0.00	29.88 0.87 0.00	23.15 0.61 0.00	21.93 0.53 0.00	21.28 0.62 0.00	20.27 0.57 0.00	20.02 0.53 0.00	20.05 0.53 0.00	21.05 0.49 0.00	23.41 0.35 0.00	27.57 0.35 0.00	31.08 0.58 0.00	35.33 0.90 0.00	34.71 0.78 0.00	29.29 0.40 0.00	26.40 0.52 0.00	23.66 0.62 0.00
HICKLING___2 23622	19.43 0.64 0.00	18.66 0.77 0.00	18.50 0.83 0.00	18.62 0.87 0.00	19.04 0.82 0.00	20.89 0.90 0.00	28.51 1.12 0.00	31.38 0.94 0.00	29.88 0.87 0.00	23.15 0.61 0.00	21.93 0.53 0.00	21.28 0.62 0.00	20.27 0.57 0.00	20.02 0.53 0.00	20.05 0.53 0.00	21.05 0.49 0.00	23.41 0.35 0.00	27.57 0.35 0.00	31.08 0.58 0.00	35.33 0.90 0.00	34.71 0.78 0.00	29.29 0.40 0.00	26.40 0.52 0.00	23.66 0.62 0.00
HIGH FALLS___HY 23754	19.58 0.79 0.00	18.52 0.63 0.00	18.23 0.57 0.00	18.30 0.55 0.00	18.84 0.62 0.00	20.77 0.78 0.00	28.59 1.20 0.00	32.02 1.58 0.00	30.49 1.48 0.00	23.65 1.10 0.00	22.44 1.05 0.00	21.57 0.91 0.00	20.49 0.79 0.00	20.29 0.80 0.00	20.30 0.78 0.00	21.46 0.90 0.00	24.26 1.20 0.00	28.69 1.47 0.00	32.45 1.95 0.00	36.70 2.27 0.00	36.27 2.34 0.00	30.33 1.44 0.00	26.97 1.09 0.00	23.91 0.88 0.00
HILLBURN___GT 23639	19.60 0.81 0.00	18.54 0.64 0.00	18.25 0.58 0.00	18.32 0.57 0.00	18.84 0.62 0.00	20.81 0.82 0.00	28.59 1.20 0.00	32.08 1.64 0.00	30.55 1.54 0.00	23.75 1.22 0.00	22.49 1.09 0.00	21.68 1.01 0.00	20.63 0.93 0.00	20.43 0.94 0.00	20.44 0.92 0.00	21.56 1.01 0.00	24.29 1.27 0.04	28.73 1.52 0.02	32.42 1.92 0.00	36.60 2.17 0.00	36.17 2.24 0.00	30.22 1.33 0.00	26.94 1.06 0.00	23.87 0.83 0.00
HILLSIDE_115KV_TB1 80332	19.17 0.38 0.00	18.41 0.52 0.00	18.23 0.57 0.00	18.35 0.60 0.00	18.77 0.55 0.00	20.57 0.58 0.00	27.99 0.60 0.00	30.80 0.37 0.00	29.36 0.35 0.00	22.79 0.25 0.00	21.61 0.21 0.00	20.95 0.29 0.00	19.94 0.24 0.00	19.70 0.21 0.00	19.73 0.21 0.00	20.72 0.16 0.00	23.04 -0.02 0.00	27.14 -0.08 0.00	30.53 0.03 0.00	34.64 0.21 0.00	34.07 0.14 0.00	28.80 -0.09 0.00	25.98 0.10 0.00	23.31 0.28 0.00

HISHELDN_WT_PWR 323625	18.43 -0.36 0.00	18.00 0.11 0.00	17.74 0.07 0.00	17.86 0.11 0.00	18.29 0.07 0.00	19.75 -0.24 0.00	26.18 -1.20 0.00	28.22 -2.22 0.00	26.72 -2.29 0.00	21.44 -1.10 0.00	20.67 -0.73 0.00	19.98 -0.68 0.00	18.89 -0.81 0.00	18.69 -0.80 0.00	18.76 -0.76 0.00	19.65 -0.90 0.00	21.45 -1.61 0.00	25.15 -2.07 0.00	28.21 -2.29 0.00	31.99 -2.44 0.00	31.32 -2.61 0.00	26.46 -2.43 0.00	24.07 -1.81 0.00	22.00 -1.04 0.00
HOLTSVILLE_IC_1 23690	20.44 1.47 -0.18	19.06 1.16 0.00	18.73 1.06 0.00	18.80 1.05 0.00	19.37 1.15 0.00	21.43 1.44 0.00	29.44 2.05 0.00	32.69 2.25 0.00	30.84 1.83 0.00	24.18 1.64 0.01	22.83 1.43 0.00	21.90 1.24 0.00	20.88 1.18 0.00	20.68 1.19 0.00	20.67 1.15 0.00	21.89 1.34 0.00	24.75 1.78 0.09	29.65 2.29 -0.15	33.39 2.90 0.00	37.46 3.03 0.00	37.16 3.23 0.00	32.46 2.19 -1.38	27.61 1.73 0.00	24.44 1.41 0.00
HOLTSVILLE_IC_10 23699	20.57 1.60 -0.18	19.16 1.27 0.00	18.83 1.17 0.00	18.89 1.14 0.00	19.48 1.26 0.00	21.55 1.56 0.00	29.60 2.22 0.00	32.87 2.44 0.00	30.96 1.94 0.00	24.29 1.76 0.01	22.91 1.52 0.00	21.99 1.32 0.00	20.96 1.26 0.00	20.76 1.27 0.00	20.75 1.23 0.00	21.97 1.42 0.00	24.86 1.89 0.09	29.82 2.45 -0.15	33.61 3.11 0.00	37.70 3.27 0.00	37.39 3.46 0.00	32.64 2.37 -1.38	27.77 1.89 0.00	24.56 1.52 0.00
HOLTSVILLE_IC_2 23691	20.44 1.47 -0.18	19.06 1.16 0.00	18.73 1.06 0.00	18.80 1.05 0.00	19.37 1.15 0.00	21.43 1.44 0.00	29.44 2.05 0.00	32.69 2.25 0.00	30.84 1.83 0.00	24.18 1.64 0.01	22.83 1.43 0.00	21.90 1.24 0.00	20.88 1.18 0.00	20.68 1.19 0.00	20.67 1.15 0.00	21.89 1.34 0.00	24.75 1.78 0.09	29.65 2.29 -0.15	33.39 2.90 0.00	37.46 3.03 0.00	37.16 3.23 0.00	32.46 2.19 -1.38	27.61 1.73 0.00	24.44 1.41 0.00
HOLTSVILLE_IC_3 23692	20.44 1.47 -0.18	19.06 1.16 0.00	18.73 1.06 0.00	18.80 1.05 0.00	19.37 1.15 0.00	21.43 1.44 0.00	29.44 2.05 0.00	32.69 2.25 0.00	30.84 1.83 0.00	24.18 1.64 0.01	22.83 1.43 0.00	21.90 1.24 0.00	20.88 1.18 0.00	20.68 1.19 0.00	20.67 1.15 0.00	21.89 1.34 0.00	24.75 1.78 0.09	29.65 2.29 -0.15	33.39 2.90 0.00	37.46 3.03 0.00	37.16 3.23 0.00	32.46 2.19 -1.38	27.61 1.73 0.00	24.44 1.41 0.00
HOLTSVILLE_IC_4 23693	20.44 1.47 -0.18	19.06 1.16 0.00	18.73 1.06 0.00	18.80 1.05 0.00	19.37 1.15 0.00	21.43 1.44 0.00	29.44 2.05 0.00	32.69 2.25 0.00	30.84 1.83 0.00	24.18 1.64 0.01	22.83 1.43 0.00	21.90 1.24 0.00	20.88 1.18 0.00	20.68 1.19 0.00	20.67 1.15 0.00	21.89 1.34 0.00	24.75 1.78 0.09	29.65 2.29 -0.15	33.39 2.90 0.00	37.46 3.03 0.00	37.16 3.23 0.00	32.46 2.19 -1.38	27.61 1.73 0.00	24.44 1.41 0.00
HOLTSVILLE_IC_5 23694	20.44 1.47 -0.18	19.06 1.16 0.00	18.73 1.06 0.00	18.80 1.05 0.00	19.37 1.15 0.00	21.43 1.44 0.00	29.44 2.05 0.00	32.69 2.25 0.00	30.84 1.83 0.00	24.18 1.64 0.01	22.83 1.43 0.00	21.90 1.24 0.00	20.88 1.18 0.00	20.68 1.19 0.00	20.67 1.15 0.00	21.89 1.34 0.00	24.75 1.78 0.09	29.65 2.29 -0.15	33.39 2.90 0.00	37.46 3.03 0.00	37.16 3.23 0.00	32.46 2.19 -1.38	27.61 1.73 0.00	24.44 1.41 0.00
HOLTSVILLE_IC_6 23695	20.57 1.60 -0.18	19.16 1.27 0.00	18.83 1.17 0.00	18.89 1.14 0.00	19.48 1.26 0.00	21.55 1.56 0.00	29.60 2.22 0.00	32.87 2.44 0.00	30.96 1.94 0.00	24.29 1.76 0.01	22.91 1.52 0.00	21.99 1.32 0.00	20.96 1.26 0.00	20.76 1.27 0.00	20.75 1.23 0.00	21.97 1.42 0.00	24.86 1.89 0.09	29.82 2.45 -0.15	33.61 3.11 0.00	37.70 3.27 0.00	37.39 3.46 0.00	32.64 2.37 -1.38	27.77 1.89 0.00	24.56 1.52 0.00
HOLTSVILLE_IC_7 23696	20.57 1.60 -0.18	19.16 1.27 0.00	18.83 1.17 0.00	18.89 1.14 0.00	19.48 1.26 0.00	21.55 1.56 0.00	29.60 2.22 0.00	32.87 2.44 0.00	30.96 1.94 0.00	24.29 1.76 0.01	22.91 1.52 0.00	21.99 1.32 0.00	20.96 1.26 0.00	20.76 1.27 0.00	20.75 1.23 0.00	21.97 1.42 0.00	24.86 1.89 0.09	29.82 2.45 -0.15	33.61 3.11 0.00	37.70 3.27 0.00	37.39 3.46 0.00	32.64 2.37 -1.38	27.77 1.89 0.00	24.56 1.52 0.00
HOLTSVILLE_IC_8 23697	20.57 1.60 -0.18	19.16 1.27 0.00	18.83 1.17 0.00	18.89 1.14 0.00	19.48 1.26 0.00	21.55 1.56 0.00	29.60 2.22 0.00	32.87 2.44 0.00	30.96 1.94 0.00	24.29 1.76 0.01	22.91 1.52 0.00	21.99 1.32 0.00	20.96 1.26 0.00	20.76 1.27 0.00	20.75 1.23 0.00	21.97 1.42 0.00	24.86 1.89 0.09	29.82 2.45 -0.15	33.61 3.11 0.00	37.70 3.27 0.00	37.39 3.46 0.00	32.64 2.37 -1.38	27.77 1.89 0.00	24.56 1.52 0.00
HOLTSVILLE_IC_9 23698	20.57 1.60 -0.18	19.16 1.27 0.00	18.83 1.17 0.00	18.89 1.14 0.00	19.48 1.26 0.00	21.55 1.56 0.00	29.60 2.22 0.00	32.87 2.44 0.00	30.96 1.94 0.00	24.29 1.76 0.01	22.91 1.52 0.00	21.99 1.32 0.00	20.96 1.26 0.00	20.76 1.27 0.00	20.75 1.23 0.00	21.97 1.42 0.00	24.86 1.89 0.09	29.82 2.45 -0.15	33.61 3.11 0.00	37.70 3.27 0.00	37.39 3.46 0.00	32.64 2.37 -1.38	27.77 1.89 0.00	24.56 1.52 0.00
HOMER_HL_115KV_TB2 355744	19.20 0.41 0.00	18.66 0.77 0.00	18.53 0.87 0.00	18.67 0.92 0.00	18.99 0.77 0.00	20.65 0.66 0.00	27.63 0.25 0.00	29.86 -0.58 0.00	28.52 -0.49 0.00	22.90 0.36 0.00	21.74 0.34 0.00	21.22 0.56 0.00	20.10 0.39 0.00	19.84 0.35 0.00	19.89 0.37 0.00	20.82 0.27 0.00	22.85 -0.21 0.00	26.73 -0.49 0.00	29.98 -0.52 0.00	34.12 -0.31 0.00	33.42 -0.51 0.00	28.20 -0.69 0.00	25.75 -0.13 0.00	23.48 0.44 0.00
HOWARD_WT_PWR 323690	19.64 0.85 0.00	18.90 1.00 0.00	18.71 1.04 0.00	18.85 1.10 0.00	19.33 1.11 0.00	21.19 1.20 0.00	28.95 1.56 0.00	31.90 1.46 0.00	30.23 1.22 0.00	23.24 0.70 0.00	22.04 0.64 0.00	21.28 0.62 0.00	20.25 0.55 0.00	19.98 0.49 0.00	20.01 0.49 0.00	20.98 0.43 0.00	23.38 0.32 0.00	27.60 0.38 0.00	31.26 0.76 0.00	35.64 1.20 0.00	35.05 1.12 0.00	29.55 0.66 0.00	26.53 0.65 0.00	23.73 0.69 0.00
HQ_GEN_CEDARS 23644	18.41 -0.38 0.00	17.54 -0.36 0.00	17.31 -0.35 0.00	17.40 -0.36 0.00	17.86 -0.36 0.00	19.57 -0.42 0.00	26.92 -0.47 0.00	29.89 -0.55 0.00	28.58 -0.44 0.00	22.16 -0.38 0.00	20.99 -0.41 0.00	20.27 -0.39 0.00	19.37 -0.33 0.00	19.14 -0.35 0.00	19.17 -0.35 0.00	20.20 -0.35 0.00	22.69 -0.37 0.00	26.87 -0.35 0.00	29.80 -0.70 0.00	33.64 -0.79 0.00	33.05 -0.88 0.00	28.48 -0.40 0.00	25.54 -0.34 0.00	22.72 -0.32 0.00
HQ_GEN_CEDARS_PROXY 323590	18.41 -0.38 0.00	17.54 -0.36 0.00	17.31 -0.35 0.00	17.40 -0.35 0.00	17.86 -0.36 0.00	20.62 -0.42 -1.05	25.87 -0.47 1.05	29.86 -0.58 0.00	27.90 -0.43 0.68	22.84 -0.38 -0.68	20.99 -0.41 0.00	20.27 -0.39 0.00	19.37 -0.34 0.00	19.14 -0.35 0.00	19.17 -0.35 0.00	20.20 -0.35 0.00	22.69 -0.37 0.00	26.87 -0.35 0.00	29.80 -0.70 0.00	33.64 -0.79 0.00	32.49 -0.88 0.56	29.04 -0.40 -0.56	25.54 -0.34 0.00	22.72 -0.32 0.00

HQ_GEN_IMPORT 323601	18.60 -0.19 0.00	17.71 -0.18 0.00	17.49 -0.18 0.00	17.57 -0.18 0.00	18.04 -0.18 0.00	20.84 -0.20 -1.05	26.09 -0.25 1.05	30.04 -0.40 0.00	28.10 -0.23 0.68	23.02 -0.20 -0.68	21.20 -0.19 0.00	20.46 -0.21 0.00	19.53 -0.18 0.00	19.31 -0.18 0.00	19.34 -0.18 0.00	20.37 -0.19 0.00	22.88 -0.19 0.00	27.03 -0.19 0.00	30.04 -0.46 0.00	33.88 -0.55 0.00	32.80 -0.58 0.56	29.24 -0.20 -0.56	25.70 -0.18 0.00	22.88 -0.16 0.00
HQ_GEN_WHEEL 23651	18.60 -0.19 0.00	17.71 -0.18 0.00	17.49 -0.18 0.00	17.57 -0.18 0.00	18.04 -0.18 0.00	20.84 -0.20 -1.05	26.09 -0.25 1.05	30.04 -0.40 0.00	28.10 -0.23 0.68	23.02 -0.20 -0.68	21.20 -0.19 0.00	20.46 -0.21 0.00	19.53 -0.18 0.00	19.31 -0.18 0.00	19.34 -0.18 0.00	20.37 -0.19 0.00	22.88 -0.19 0.00	27.03 -0.19 0.00	30.04 -0.46 0.00	33.88 -0.55 0.00	32.80 -0.58 0.56	29.24 -0.20 -0.56	25.70 -0.18 0.00	22.88 -0.16 0.00
HUDSON AVE_GT_3 23810	19.77 0.98 0.00	18.68 0.79 0.00	18.36 0.69 0.00	18.43 0.67 0.00	18.99 0.77 0.00	20.99 1.00 0.00	28.92 1.53 0.00	32.46 2.01 -0.02	30.94 1.91 -0.02	24.29 1.51 -0.24	22.87 1.45 -0.02	21.98 1.30 -0.02	20.92 1.20 -0.02	20.69 1.19 -0.01	20.69 1.17 0.00	21.83 1.27 0.00	26.93 1.59 -2.28	29.99 1.93 -0.83	32.93 2.38 -0.05	37.13 2.69 -0.02	36.69 2.75 -0.02	30.59 1.70 0.00	27.20 1.32 0.00	24.07 1.04 0.00
HUDSON AVE_GT_4 23540	19.77 0.98 0.00	18.68 0.79 0.00	18.36 0.69 0.00	18.43 0.67 0.00	18.99 0.77 0.00	20.99 1.00 0.00	28.92 1.53 0.00	32.46 2.01 -0.02	30.94 1.91 -0.02	24.29 1.51 -0.24	22.87 1.45 -0.02	21.98 1.30 -0.02	20.92 1.20 -0.02	20.69 1.19 -0.01	20.69 1.17 0.00	21.83 1.27 0.00	26.93 1.59 -2.28	29.99 1.93 -0.83	32.93 2.38 -0.05	37.13 2.69 -0.02	36.69 2.75 -0.02	30.59 1.70 0.00	27.20 1.32 0.00	24.07 1.04 0.00
HUDSON AVE_GT_5 23657	19.77 0.98 0.00	18.68 0.79 0.00	18.36 0.69 0.00	18.43 0.67 0.00	18.99 0.77 0.00	20.99 1.00 0.00	28.92 1.53 0.00	32.46 2.01 -0.02	30.94 1.91 -0.02	24.29 1.51 -0.24	22.87 1.45 -0.02	21.98 1.30 -0.02	20.92 1.20 -0.02	20.69 1.19 -0.01	20.69 1.17 0.00	21.83 1.27 0.00	26.93 1.59 -2.28	29.99 1.93 -0.83	32.93 2.38 -0.05	37.13 2.69 -0.02	36.69 2.75 -0.02	30.59 1.70 0.00	27.20 1.32 0.00	24.07 1.04 0.00
HUDSON_AVE_10 24168	19.71 0.92 0.00	18.63 0.73 0.00	18.30 0.64 0.00	18.37 0.62 0.00	18.93 0.71 0.00	20.95 0.96 0.00	28.86 1.48 0.00	32.40 1.95 -0.02	30.89 1.86 -0.02	24.22 1.44 -0.24	22.80 1.39 -0.02	21.92 1.24 -0.02	20.86 1.14 -0.02	20.65 1.15 -0.01	20.65 1.13 0.00	21.79 1.23 0.00	26.84 1.50 -2.28	29.88 1.82 -0.83	32.87 2.32 -0.05	37.06 2.62 -0.02	36.63 2.68 -0.02	30.54 1.65 0.00	27.15 1.27 0.00	24.01 0.97 0.00
HUDSON___115KV_TB 4 355613	19.56 0.77 0.00	18.59 0.70 0.00	18.32 0.65 0.00	18.41 0.66 0.00	18.95 0.73 0.00	20.85 0.86 0.00	28.67 1.29 0.00	31.99 1.55 0.00	30.26 1.25 0.00	23.31 0.77 0.00	22.10 0.71 0.00	21.26 0.60 0.00	20.26 0.55 0.00	20.08 0.58 0.00	20.12 0.61 0.00	21.19 0.64 0.00	23.89 0.83 0.00	28.26 1.03 0.00	32.02 1.52 0.00	36.26 1.82 0.00	35.83 1.90 0.00	30.19 1.30 0.00	26.84 0.96 0.00	23.89 0.85 0.00
HUNTER MOUNT___DRP 323613	19.64 0.85 0.00	18.66 0.77 0.00	18.39 0.72 0.00	18.50 0.75 0.00	19.04 0.82 0.00	20.93 0.94 0.00	28.86 1.48 0.00	32.17 1.73 0.00	30.38 1.36 0.00	23.31 0.77 0.00	22.10 0.71 0.00	21.24 0.58 0.00	20.22 0.51 0.00	20.04 0.55 0.00	20.10 0.59 0.00	21.19 0.64 0.00	23.87 0.81 0.00	28.26 1.03 0.00	32.05 1.56 0.00	36.36 1.93 0.00	35.93 2.00 0.00	30.30 1.42 0.00	26.91 1.04 0.00	23.98 0.94 0.00
HUNTINGTON_RES_REC 323705	20.44 1.47 -0.18	19.04 1.15 0.00	18.73 1.06 0.00	18.78 1.03 0.00	19.37 1.15 0.00	21.43 1.44 0.00	29.49 2.11 0.00	32.84 2.40 0.00	31.07 2.06 0.00	24.29 1.76 0.01	22.94 1.54 0.00	22.05 1.38 0.00	20.98 1.28 0.00	20.82 1.33 0.00	20.81 1.29 0.00	22.05 1.50 0.00	24.91 1.94 0.09	29.87 2.50 -0.15	33.57 3.08 0.00	37.74 3.31 0.00	37.40 3.46 0.00	32.58 2.31 -1.38	27.72 1.84 0.00	24.51 1.48 0.00
HUNTLEY___63 23557	18.32 -0.47 0.00	17.88 -0.02 0.00	17.77 0.11 0.00	17.89 0.14 0.00	18.18 -0.04 0.00	19.69 -0.30 0.00	26.18 -1.20 0.00	28.28 -2.16 0.00	26.78 -2.23 0.00	21.48 -1.06 0.00	20.43 -0.96 0.00	20.06 -0.60 0.00	18.97 -0.73 0.00	18.75 -0.74 0.00	18.82 -0.70 0.00	19.71 -0.84 0.00	21.47 -1.59 0.00	25.21 -2.01 0.00	28.27 -2.23 0.00	32.06 -2.38 0.00	31.42 -2.51 0.00	26.55 -2.34 0.00	24.17 -1.71 0.00	22.07 -0.97 0.00
HUNTLEY___64 23558	18.32 -0.47 0.00	17.88 -0.02 0.00	17.77 0.11 0.00	17.89 0.14 0.00	18.18 -0.04 0.00	19.69 -0.30 0.00	26.18 -1.20 0.00	28.28 -2.16 0.00	26.78 -2.23 0.00	21.48 -1.06 0.00	20.43 -0.96 0.00	20.06 -0.60 0.00	18.97 -0.73 0.00	18.75 -0.74 0.00	18.82 -0.70 0.00	19.71 -0.84 0.00	21.47 -1.59 0.00	25.21 -2.01 0.00	28.27 -2.23 0.00	32.06 -2.38 0.00	31.42 -2.51 0.00	26.55 -2.34 0.00	24.17 -1.71 0.00	22.07 -0.97 0.00
HUNTLEY___65 23559	18.32 -0.47 0.00	17.88 -0.02 0.00	17.77 0.11 0.00	17.89 0.14 0.00	18.18 -0.04 0.00	19.69 -0.30 0.00	26.18 -1.20 0.00	28.28 -2.16 0.00	26.78 -2.23 0.00	21.48 -1.06 0.00	20.43 -0.96 0.00	20.06 -0.60 0.00	18.97 -0.73 0.00	18.75 -0.74 0.00	18.82 -0.70 0.00	19.71 -0.84 0.00	21.47 -1.59 0.00	25.21 -2.01 0.00	28.27 -2.23 0.00	32.06 -2.38 0.00	31.42 -2.51 0.00	26.55 -2.34 0.00	24.17 -1.71 0.00	22.07 -0.97 0.00
HUNTLEY___66 23560	18.32 -0.47 0.00	17.88 -0.02 0.00	17.77 0.11 0.00	17.89 0.14 0.00	18.18 -0.04 0.00	19.69 -0.30 0.00	26.18 -1.20 0.00	28.28 -2.16 0.00	26.78 -2.23 0.00	21.48 -1.06 0.00	20.43 -0.96 0.00	20.06 -0.60 0.00	18.97 -0.73 0.00	18.75 -0.74 0.00	18.82 -0.70 0.00	19.71 -0.84 0.00	21.47 -1.59 0.00	25.21 -2.01 0.00	28.27 -2.23 0.00	32.06 -2.38 0.00	31.42 -2.51 0.00	26.55 -2.34 0.00	24.17 -1.71 0.00	22.07 -0.97 0.00
HUNTLEY___67 23561	18.26 -0.53 0.00	17.80 -0.09 0.00	17.70 0.04 0.00	17.82 0.07 0.00	18.11 -0.11 0.00	19.61 -0.38 0.00	26.07 -1.31 0.00	28.12 -2.31 0.00	26.66 -2.35 0.00	21.39 -1.15 0.00	20.35 -1.05 0.00	19.98 -0.68 0.00	18.90 -0.81 0.00	18.67 -0.82 0.00	18.74 -0.78 0.00	19.63 -0.92 0.00	21.40 -1.66 0.00	25.12 -2.10 0.00	28.15 -2.35 0.00	31.88 -2.55 0.00	31.25 -2.68 0.00	26.40 -2.48 0.00	24.07 -1.81 0.00	21.98 -1.06 0.00
HUNTLEY___68 23562	18.26 -0.53 0.00	17.80 -0.09 0.00	17.70 0.04 0.00	17.82 0.07 0.00	18.11 -0.11 0.00	19.61 -0.38 0.00	26.07 -1.31 0.00	28.12 -2.31 0.00	26.66 -2.35 0.00	21.39 -1.15 0.00	20.35 -1.05 0.00	19.98 -0.68 0.00	18.90 -0.81 0.00	18.67 -0.82 0.00	18.74 -0.78 0.00	19.63 -0.92 0.00	21.40 -1.66 0.00	25.12 -2.10 0.00	28.15 -2.35 0.00	31.88 -2.55 0.00	31.25 -2.68 0.00	26.40 -2.48 0.00	24.07 -1.81 0.00	21.98 -1.06 0.00



HYLAND___LFGE 323620	19.60 0.81 0.00	18.90 1.00 0.00	18.71 1.04 0.00	18.83 1.08 0.00	19.35 1.13 0.00	21.09 1.10 0.00	28.89 1.51 0.00	31.68 1.25 0.00	29.45 0.44 0.00	22.54 0.00 0.00	21.35 -0.04 0.00	20.62 -0.04 0.00	19.62 -0.08 0.00	19.36 -0.14 0.00	19.42 -0.10 0.00	20.49 -0.06 0.00	22.90 -0.16 0.00	27.25 0.03 0.00	31.26 0.76 0.00	35.98 1.55 0.00	35.56 1.63 0.00	29.84 0.95 0.00	26.73 0.85 0.00	23.98 0.94 0.00
INDECK___CORINTH 23802	19.39 0.60 0.00	18.45 0.56 0.00	18.20 0.53 0.00	18.28 0.53 0.00	18.82 0.60 0.00	20.71 0.72 0.00	28.59 1.20 0.00	31.93 1.49 0.00	30.29 1.28 0.00	23.33 0.79 0.00	22.12 0.73 0.00	21.26 0.60 0.00	20.28 0.57 0.00	20.07 0.58 0.00	20.12 0.61 0.00	21.19 0.64 0.00	23.87 0.81 0.00	28.20 0.98 0.00	31.99 1.49 0.00	36.32 1.89 0.00	35.90 1.97 0.00	30.16 1.27 0.00	26.76 0.88 0.00	23.80 0.76 0.00
INDECK___ILION 23567	18.81 0.02 0.00	17.89 0.00 0.00	17.67 0.00 0.00	17.75 0.00 0.00	18.22 0.00 0.00	19.99 0.00 0.00	27.41 0.03 0.00	30.56 0.12 0.00	29.07 0.06 0.00	22.54 0.00 0.00	21.37 -0.02 0.00	20.64 -0.02 0.00	19.68 -0.02 0.00	19.47 -0.02 0.00	19.50 -0.02 0.00	20.53 -0.02 0.00	23.06 0.00 0.00	27.22 0.00 0.00	30.68 0.18 0.00	34.67 0.24 0.00	34.17 0.24 0.00	29.00 0.12 0.00	25.96 0.08 0.00	23.08 0.05 0.00
INDECK___OLEAN 23982	19.28 0.49 0.00	18.77 0.88 0.00	18.53 0.87 0.00	18.67 0.92 0.00	19.11 0.89 0.00	20.73 0.74 0.00	27.66 0.27 0.00	29.89 -0.55 0.00	28.52 -0.49 0.00	22.90 0.36 0.00	21.95 0.56 0.00	21.22 0.56 0.00	20.10 0.39 0.00	19.84 0.35 0.00	19.89 0.37 0.00	20.82 0.27 0.00	22.88 -0.19 0.00	26.76 -0.46 0.00	29.98 -0.52 0.00	34.12 -0.31 0.00	33.42 -0.51 0.00	28.20 -0.69 0.00	25.72 -0.15 0.00	23.47 0.44 0.00
INDECK___OSWEGO 23783	18.53 -0.26 0.00	17.70 -0.20 0.00	17.49 -0.18 0.00	17.59 -0.16 0.00	18.04 -0.18 0.00	19.73 -0.26 0.00	26.98 -0.41 0.00	29.89 -0.55 0.00	28.40 -0.61 0.00	22.14 -0.41 0.00	21.05 -0.34 0.00	20.33 -0.33 0.00	19.41 -0.30 0.00	19.18 -0.31 0.00	19.19 -0.33 0.00	20.18 -0.37 0.00	22.58 -0.49 0.00	26.62 -0.60 0.00	29.92 -0.58 0.00	33.88 -0.55 0.00	33.35 -0.58 0.00	28.34 -0.55 0.00	25.52 -0.36 0.00	22.76 -0.28 0.00
INDECK___YERKES 23781	18.45 -0.34 0.00	18.04 0.14 0.00	17.79 0.12 0.00	17.91 0.16 0.00	18.37 0.15 0.00	19.83 -0.16 0.00	26.24 -1.15 0.00	28.31 -2.13 0.00	26.81 -2.21 0.00	21.53 -1.01 0.00	20.77 -0.62 0.00	20.09 -0.58 0.00	18.99 -0.71 0.00	18.77 -0.72 0.00	18.83 -0.68 0.00	19.73 -0.82 0.00	21.54 -1.52 0.00	25.26 -1.96 0.00	28.30 -2.20 0.00	32.12 -2.31 0.00	31.45 -2.48 0.00	26.61 -2.28 0.00	24.17 -1.71 0.00	22.09 -0.95 0.00
INDIAN POINT_GT_1 24139	19.60 0.81 0.00	18.54 0.64 0.00	18.23 0.57 0.00	18.30 0.55 0.00	18.84 0.62 0.00	20.81 0.82 0.00	28.59 1.20 0.00	32.05 1.61 0.00	30.55 1.54 0.00	23.73 1.19 0.01	22.53 1.13 0.00	21.66 0.99 0.00	20.63 0.93 0.00	20.41 0.92 0.00	20.42 0.90 0.00	21.54 0.99 0.00	24.26 1.27 0.07	28.72 1.52 0.02	32.42 1.92 0.00	36.60 2.17 0.00	36.20 2.27 0.00	30.25 1.36 0.00	26.91 1.04 0.00	23.84 0.81 0.00
INDIAN POINT_GT_2 23659	19.60 0.81 0.00	18.54 0.64 0.00	18.23 0.57 0.00	18.30 0.55 0.00	18.84 0.62 0.00	20.81 0.82 0.00	28.59 1.20 0.00	32.05 1.61 0.00	30.55 1.54 0.00	23.73 1.19 0.01	22.53 1.13 0.00	21.66 0.99 0.00	20.63 0.93 0.00	20.41 0.92 0.00	20.42 0.90 0.00	21.54 0.99 0.00	24.26 1.27 0.07	28.72 1.52 0.02	32.42 1.92 0.00	36.60 2.17 0.00	36.20 2.27 0.00	30.25 1.36 0.00	26.91 1.04 0.00	23.84 0.81 0.00
INDIAN POINT_GT_3 24019	19.60 0.81 0.00	18.54 0.64 0.00	18.23 0.57 0.00	18.30 0.55 0.00	18.84 0.62 0.00	20.81 0.82 0.00	28.59 1.20 0.00	32.05 1.61 0.00	30.55 1.54 0.00	23.73 1.19 0.01	22.53 1.13 0.00	21.66 0.99 0.00	20.63 0.93 0.00	20.41 0.92 0.00	20.42 0.90 0.00	21.54 0.99 0.00	24.26 1.27 0.07	28.72 1.52 0.02	32.42 1.92 0.00	36.60 2.17 0.00	36.20 2.27 0.00	30.25 1.36 0.00	26.91 1.04 0.00	23.84 0.81 0.00
INDIAN POINT___2 23530	19.58 0.79 0.00	18.52 0.63 0.00	18.23 0.57 0.00	18.30 0.55 0.00	18.82 0.60 0.00	20.79 0.80 0.00	28.56 1.18 0.00	32.05 1.61 0.00	30.52 1.51 0.00	23.73 1.19 0.01	22.46 1.07 0.00	21.66 0.99 0.00	20.61 0.91 0.00	20.41 0.92 0.00	20.42 0.90 0.00	21.52 0.97 0.00	24.24 1.24 0.06	28.69 1.50 0.02	32.39 1.89 0.00	36.57 2.14 0.00	36.13 2.20 0.00	30.19 1.30 0.00	26.89 1.01 0.00	23.82 0.78 0.00
INDIAN POINT___3 23531	19.60 0.81 0.00	18.54 0.64 0.00	18.23 0.57 0.00	18.30 0.55 0.00	18.84 0.62 0.00	20.81 0.82 0.00	28.59 1.20 0.00	32.02 1.58 0.00	30.52 1.51 0.00	23.73 1.19 0.01	22.53 1.13 0.00	21.66 0.99 0.00	20.61 0.91 0.00	20.39 0.90 0.00	20.42 0.90 0.00	21.52 0.97 0.00	24.24 1.25 0.06	28.69 1.50 0.02	32.39 1.89 0.00	36.57 2.13 0.00	36.13 2.21 0.00	30.22 1.33 0.00	26.89 1.01 0.00	23.82 0.78 0.00
INGHAM_C_115KV_TB7 356103	18.58 -0.21 0.00	17.68 -0.21 0.00	17.45 -0.21 0.00	17.54 -0.21 0.00	18.02 -0.20 0.00	19.75 -0.24 0.00	27.11 -0.27 0.00	30.19 -0.24 0.00	28.69 -0.32 0.00	22.20 -0.34 0.00	21.03 -0.36 0.00	20.31 -0.35 0.00	19.37 -0.33 0.00	19.14 -0.35 0.00	19.15 -0.37 0.00	20.18 -0.37 0.00	22.69 -0.37 0.00	26.79 -0.44 0.00	30.22 -0.27 0.00	34.19 -0.24 0.00	33.69 -0.24 0.00	28.66 -0.23 0.00	25.65 -0.23 0.00	22.81 -0.23 0.00
IP CORINTH___1 23988	19.41 0.62 0.00	18.45 0.55 0.00	18.20 0.53 0.00	18.28 0.53 0.00	18.84 0.62 0.00	20.73 0.74 0.00	28.59 1.20 0.00	31.93 1.49 0.00	30.29 1.28 0.00	23.35 0.81 0.00	22.14 0.75 0.00	21.26 0.60 0.00	20.27 0.57 0.00	20.08 0.58 0.00	20.12 0.61 0.00	21.19 0.64 0.00	23.89 0.83 0.00	28.20 0.98 0.00	31.99 1.49 0.00	36.33 1.89 0.00	35.90 1.97 0.00	30.16 1.27 0.00	26.76 0.88 0.00	23.80 0.76 0.00
IP___TICONDEROGA 23804	19.88 1.09 0.00	18.93 1.04 0.00	18.67 1.01 0.00	18.76 1.01 0.00	19.37 1.15 0.00	21.33 1.34 0.00	29.58 2.19 0.00	33.05 2.62 0.00	31.39 2.38 0.00	24.05 1.51 0.00	22.79 1.39 0.00	21.78 1.12 0.00	20.77 1.06 0.00	20.56 1.07 0.00	20.63 1.11 0.00	21.79 1.23 0.00	24.61 1.55 0.00	29.04 1.82 0.00	33.00 2.50 0.00	37.74 3.31 0.00	37.46 3.53 0.00	31.26 2.37 0.00	27.59 1.71 0.00	24.49 1.45 0.00
ISLIP_RES_REC 323679	20.63 1.65 -0.18	19.22 1.32 0.00	18.89 1.22 0.00	18.96 1.21 0.00	19.53 1.31 0.00	21.63 1.64 0.00	29.74 2.36 0.00	32.99 2.56 0.00	31.10 2.09 0.00	24.36 1.83 0.01	23.00 1.61 0.00	22.05 1.38 0.00	21.02 1.32 0.00	20.82 1.33 0.00	20.81 1.29 0.00	22.05 1.50 0.00	24.96 1.98 0.09	29.92 2.56 -0.15	33.76 3.26 0.00	37.87 3.44 0.00	37.60 3.67 0.00	32.78 2.51 -1.38	27.87 1.99 0.00	24.65 1.61 0.00

JAMAICA__27_KV_LOAD 355505	19.80 1.01 0.00	18.70 0.81 0.00	18.36 0.69 0.00	18.43 0.67 0.00	18.99 0.77 0.00	21.05 1.06 0.00	29.03 1.64 0.00	32.64 2.19 -0.02	31.06 2.03 -0.02	24.31 1.53 -0.24	22.91 1.50 -0.02	22.02 1.34 -0.02	20.96 1.24 -0.02	20.77 1.27 -0.01	20.79 1.27 0.00	21.93 1.38 0.00	26.88 1.55 -2.28	29.99 1.93 -0.83	33.05 2.50 -0.05	37.34 2.89 -0.02	36.93 2.99 -0.02	30.77 1.88 0.00	27.33 1.45 0.00	24.14 1.11 0.00
JANIS__SOLAR 323808	19.84 1.05 0.00	18.97 1.07 0.00	18.76 1.10 0.00	18.89 1.14 0.00	19.40 1.18 0.00	21.31 1.32 0.00	29.33 1.94 0.00	32.51 2.07 0.00	30.67 1.65 0.00	23.69 1.15 0.00	22.31 0.92 0.00	21.51 0.85 0.00	20.49 0.79 0.00	20.25 0.76 0.00	20.30 0.78 0.00	21.39 0.84 0.00	24.01 0.95 0.00	28.42 1.20 0.00	32.39 1.89 0.00	36.88 2.44 0.00	36.20 2.27 0.00	30.62 1.73 0.00	27.43 1.55 0.00	24.40 1.36 0.00
JARVIS____ 23743	18.85 0.06 0.00	17.95 0.05 0.00	17.72 0.05 0.00	17.80 0.05 0.00	18.27 0.05 0.00	20.05 0.06 0.00	27.47 0.08 0.00	30.62 0.18 0.00	29.16 0.15 0.00	22.63 0.09 0.00	21.48 0.09 0.00	20.75 0.08 0.00	19.76 0.06 0.00	19.57 0.08 0.00	19.60 0.08 0.00	20.63 0.08 0.00	23.18 0.12 0.00	27.36 0.14 0.00	30.74 0.24 0.00	34.71 0.27 0.00	34.23 0.30 0.00	29.03 0.15 0.00	25.98 0.10 0.00	23.13 0.09 0.00
JENNISON____1 23625	19.99 1.20 0.00	19.09 1.20 0.00	18.92 1.25 0.00	19.03 1.28 0.00	19.53 1.31 0.00	21.47 1.48 0.00	29.58 2.19 0.00	32.81 2.37 0.00	31.07 2.06 0.00	24.08 1.53 0.00	22.72 1.33 0.00	21.99 1.32 0.00	20.93 1.22 0.00	20.66 1.17 0.00	20.73 1.21 0.00	21.83 1.27 0.00	24.40 1.34 0.00	28.75 1.52 0.00	32.72 2.23 0.00	37.15 2.72 0.00	36.44 2.51 0.00	30.80 1.91 0.00	27.61 1.73 0.00	24.54 1.50 0.00
JENNISON____2 23626	19.99 1.20 0.00	19.09 1.20 0.00	18.92 1.25 0.00	19.03 1.28 0.00	19.53 1.31 0.00	21.47 1.48 0.00	29.58 2.19 0.00	32.81 2.37 0.00	31.07 2.06 0.00	24.08 1.53 0.00	22.72 1.33 0.00	21.99 1.32 0.00	20.93 1.22 0.00	20.66 1.17 0.00	20.73 1.21 0.00	21.83 1.27 0.00	24.40 1.34 0.00	28.75 1.52 0.00	32.72 2.23 0.00	37.15 2.72 0.00	36.44 2.51 0.00	30.80 1.91 0.00	27.61 1.73 0.00	24.54 1.50 0.00
JERICOHO_RISE_WT_PWR 323719	18.11 -0.68 0.00	17.25 -0.64 0.00	17.07 -0.60 0.00	17.17 -0.59 0.00	17.58 -0.64 0.00	19.31 -0.68 0.00	26.54 -0.85 0.00	29.49 -0.94 0.00	28.26 -0.75 0.00	21.87 -0.68 0.00	20.73 -0.66 0.00	19.98 -0.68 0.00	19.13 -0.57 0.00	18.91 -0.55 0.00	18.97 -0.55 0.00	20.06 -0.49 0.00	22.49 -0.58 0.00	26.73 -0.49 0.00	29.61 -0.89 0.00	33.50 -0.93 0.00	32.84 -1.09 0.00	28.28 -0.61 0.00	25.41 -0.47 0.00	22.58 -0.46 0.00
KATONAH__115KV_46KV_TB4 355592	19.62 0.83 0.00	18.57 0.68 0.00	18.27 0.60 0.00	18.35 0.60 0.00	18.88 0.66 0.00	20.81 0.82 0.00	28.65 1.26 0.00	32.14 1.70 0.00	30.61 1.60 0.00	23.71 1.17 0.00	22.51 1.11 0.00	21.64 0.97 0.00	20.57 0.87 0.00	20.37 0.88 0.00	20.36 0.84 0.00	21.50 0.95 0.00	24.28 1.22 0.00	28.75 1.52 0.00	32.45 1.95 0.00	36.70 2.27 0.00	36.34 2.41 0.00	30.36 1.47 0.00	26.94 1.06 0.00	23.84 0.81 0.00
KCE_NY_1 323755	19.45 0.66 0.00	18.48 0.59 0.00	18.23 0.57 0.00	18.32 0.57 0.00	18.84 0.62 0.00	20.73 0.74 0.00	28.54 1.15 0.00	31.84 1.40 0.00	30.20 1.19 0.00	23.31 0.77 0.00	22.10 0.70 0.00	21.28 0.62 0.00	20.29 0.59 0.00	20.10 0.60 0.00	20.14 0.62 0.00	21.19 0.64 0.00	23.87 0.81 0.00	28.20 0.98 0.00	31.93 1.43 0.00	36.12 1.69 0.00	35.69 1.76 0.00	30.07 1.18 0.00	26.73 0.85 0.00	23.77 0.74 0.00
KCE_NY_6_ESR 323823	18.72 -0.07 0.00	18.27 0.38 0.00	18.00 0.33 0.00	18.14 0.39 0.00	18.58 0.36 0.00	20.09 0.10 0.00	26.62 -0.77 0.00	28.73 -1.70 0.00	27.19 -1.83 0.00	21.82 -0.72 0.00	21.05 -0.34 0.00	20.35 -0.31 0.00	19.25 -0.45 0.00	19.02 -0.47 0.00	19.09 -0.43 0.00	20.00 -0.55 0.00	21.84 -1.22 0.00	25.61 -1.61 0.00	28.73 -1.77 0.00	32.57 -1.86 0.00	31.89 -2.03 0.00	26.98 -1.91 0.00	24.53 -1.35 0.00	22.39 -0.64 0.00
KEDC PORT_JEFF_GT2 24210	20.55 1.58 -0.18	19.15 1.25 0.00	18.81 1.15 0.00	18.89 1.14 0.00	19.48 1.26 0.00	21.55 1.56 0.00	29.60 2.22 0.00	32.87 2.44 0.00	30.99 1.97 0.00	24.29 1.76 0.01	22.91 1.52 0.00	21.99 1.32 0.00	20.96 1.26 0.00	20.78 1.29 0.00	20.75 1.23 0.00	21.99 1.44 0.00	24.89 1.91 0.09	29.82 2.45 -0.15	33.64 3.14 0.00	37.70 3.27 0.00	37.43 3.50 0.00	32.66 2.40 -1.38	27.77 1.89 0.00	24.56 1.52 0.00
KEDC PORT_JEFF_GT3 24211	20.55 1.58 -0.18	19.15 1.25 0.00	18.81 1.15 0.00	18.89 1.14 0.00	19.48 1.26 0.00	21.55 1.56 0.00	29.60 2.22 0.00	32.87 2.44 0.00	30.99 1.97 0.00	24.29 1.76 0.01	22.91 1.52 0.00	21.99 1.32 0.00	20.96 1.26 0.00	20.78 1.29 0.00	20.75 1.23 0.00	21.99 1.44 0.00	24.89 1.91 0.09	29.82 2.45 -0.15	33.64 3.14 0.00	37.70 3.27 0.00	37.43 3.50 0.00	32.66 2.40 -1.38	27.77 1.89 0.00	24.56 1.52 0.00
KEDC_GLWD_GT4 24219	20.25 1.28 -0.18	18.90 1.00 0.00	18.59 0.92 0.00	18.66 0.90 0.00	19.22 1.00 0.00	21.27 1.28 0.00	29.30 1.92 0.00	32.78 2.34 0.00	31.10 2.09 0.00	24.29 1.76 0.01	22.96 1.56 0.00	22.09 1.42 0.00	21.00 1.30 0.00	20.82 1.33 0.00	20.85 1.33 0.00	22.05 1.50 0.00	24.89 1.91 0.09	29.79 2.42 -0.15	33.42 2.93 0.00	37.67 3.24 0.00	37.32 3.39 0.00	32.52 2.25 -1.38	27.69 1.81 0.00	24.49 1.45 0.00
KEDC_GLWD_GT5 24220	20.25 1.28 -0.18	18.90 1.00 0.00	18.59 0.92 0.00	18.66 0.90 0.00	19.22 1.00 0.00	21.27 1.28 0.00	29.30 1.92 0.00	32.78 2.34 0.00	31.10 2.09 0.00	24.29 1.76 0.01	22.96 1.56 0.00	22.09 1.42 0.00	21.00 1.30 0.00	20.82 1.33 0.00	20.85 1.33 0.00	22.05 1.50 0.00	24.89 1.91 0.09	29.79 2.42 -0.15	33.42 2.93 0.00	37.67 3.24 0.00	37.32 3.39 0.00	32.52 2.25 -1.38	27.69 1.81 0.00	24.49 1.45 0.00
KENSICO____ 23655	19.65 0.86 0.00	18.59 0.70 0.00	18.27 0.60 0.00	18.34 0.59 0.00	18.89 0.67 0.00	20.87 0.88 0.00	28.67 1.29 0.00	32.14 1.70 0.00	30.64 1.62 0.00	23.82 1.28 0.01	22.61 1.22 0.00	21.74 1.07 0.00	20.71 1.00 0.00	20.48 0.99 0.00	20.49 0.98 0.00	21.62 1.07 0.00	24.34 1.36 0.08	28.83 1.63 0.03	32.57 2.07 0.00	36.74 2.31 0.00	36.34 2.41 0.00	30.33 1.44 0.00	26.99 1.11 0.00	23.91 0.88 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	19.62 0.83 0.00	18.57 0.68 0.00	18.27 0.60 0.00	18.35 0.60 0.00	18.89 0.67 0.00	20.83 0.84 0.00	28.67 1.29 0.00	32.08 1.64 0.00	30.52 1.51 0.00	23.62 1.08 0.00	22.44 1.05 0.00	21.55 0.89 0.00	20.49 0.79 0.00	20.29 0.80 0.00	20.30 0.78 0.00	21.46 0.90 0.00	24.26 1.20 0.00	28.69 1.47 0.00	32.45 1.95 0.00	36.74 2.31 0.00	36.30 2.38 0.00	30.36 1.47 0.00	26.99 1.11 0.00	23.94 0.90 0.00

KIAC_JFK_GT1 23816	19.77 0.98 0.00	18.65 0.75 0.00	18.32 0.65 0.00	18.37 0.62 0.00	18.95 0.73 0.00	20.99 1.00 0.00	28.97 1.59 0.00	32.55 2.10 -0.02	30.97 1.94 -0.02	24.24 1.47 -0.24	22.84 1.43 -0.02	21.98 1.30 -0.02	20.92 1.20 -0.02	20.71 1.21 -0.01	20.73 1.21 0.00	21.87 1.32 0.00	26.81 1.48 -2.28	29.90 1.85 -0.83	32.93 2.38 -0.05	37.24 2.79 -0.02	36.83 2.88 -0.02	30.68 1.79 0.00	27.25 1.37 0.00	24.07 1.04 0.00
KIAC_JFK_GT2 23817	19.77 0.98 0.00	18.65 0.75 0.00	18.32 0.65 0.00	18.37 0.62 0.00	18.95 0.73 0.00	20.99 1.00 0.00	28.97 1.59 0.00	32.55 2.10 -0.02	30.97 1.94 -0.02	24.24 1.47 -0.24	22.84 1.43 -0.02	21.98 1.30 -0.02	20.92 1.20 -0.02	20.71 1.21 -0.01	20.73 1.21 0.00	21.87 1.32 0.00	26.81 1.48 -2.28	29.90 1.85 -0.83	32.93 2.38 -0.05	37.24 2.79 -0.02	36.83 2.88 -0.02	30.68 1.79 0.00	27.25 1.37 0.00	24.07 1.04 0.00
KIAC_JFK____ 323774	19.75 0.96 0.00	18.63 0.73 0.00	18.34 0.67 0.00	18.37 0.62 0.00	18.91 0.69 0.00	20.97 0.98 0.00	28.95 1.56 0.00	32.58 2.13 -0.02	30.97 1.94 -0.02	24.24 1.46 -0.24	22.78 1.37 -0.02	21.98 1.30 -0.02	20.92 1.20 -0.02	20.71 1.21 -0.01	20.73 1.21 0.00	21.87 1.32 0.00	26.81 1.48 -2.28	29.91 1.85 -0.83	32.87 2.32 -0.05	37.20 2.76 -0.02	36.83 2.88 -0.02	30.68 1.79 0.00	27.28 1.40 0.00	24.08 1.04 0.00
KINTIGH____ 23543	18.06 -0.73 0.00	17.54 -0.36 0.00	17.44 -0.23 0.00	17.54 -0.21 0.00	17.86 -0.36 0.00	19.37 -0.62 0.00	25.88 -1.51 0.00	28.09 -2.34 0.00	26.69 -2.32 0.00	21.30 -1.24 0.00	20.24 -1.16 0.00	19.84 -0.83 0.00	18.80 -0.91 0.00	18.59 -0.90 0.00	18.64 -0.88 0.00	19.54 -1.01 0.00	21.40 -1.66 0.00	25.15 -2.07 0.00	28.18 -2.32 0.00	31.85 -2.58 0.00	31.28 -2.65 0.00	26.46 -2.43 0.00	24.07 -1.81 0.00	21.84 -1.20 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	18.34 -0.45 0.00	17.48 -0.41 0.00	17.28 -0.39 0.00	17.38 -0.37 0.00	17.82 -0.40 0.00	19.55 -0.44 0.00	26.92 -0.47 0.00	29.95 -0.49 0.00	28.67 -0.35 0.00	22.16 -0.38 0.00	21.01 -0.39 0.00	20.23 -0.43 0.00	19.41 -0.30 0.00	19.14 -0.35 0.00	19.21 -0.31 0.00	20.33 -0.23 0.00	22.81 -0.25 0.00	27.11 -0.11 0.00	30.10 -0.40 0.00	34.05 -0.38 0.00	33.32 -0.61 0.00	28.63 -0.26 0.00	25.72 -0.16 0.00	22.85 -0.18 0.00
LACHUTE____HYDRO 323717	19.88 1.09 0.00	18.91 1.02 0.00	18.66 0.99 0.00	18.76 1.01 0.00	19.35 1.13 0.00	21.31 1.32 0.00	29.58 2.19 0.00	33.08 2.65 0.00	31.39 2.38 0.00	24.05 1.51 0.00	22.77 1.37 0.00	21.78 1.12 0.00	20.77 1.06 0.00	20.56 1.07 0.00	20.63 1.11 0.00	21.78 1.23 0.00	24.58 1.52 0.00	29.04 1.82 0.00	33.00 2.50 0.00	37.74 3.31 0.00	37.46 3.53 0.00	31.26 2.37 0.00	27.59 1.71 0.00	24.49 1.45 0.00
LAWRNCV_115KV_TB1 80681	17.96 -0.83 0.00	17.09 -0.81 0.00	16.87 -0.80 0.00	16.95 -0.80 0.00	17.42 -0.80 0.00	19.11 -0.88 0.00	26.32 -1.07 0.00	29.28 -1.16 0.00	27.97 -1.04 0.00	21.66 -0.88 0.00	20.50 -0.90 0.00	19.78 -0.89 0.00	18.92 -0.79 0.00	18.69 -0.80 0.00	18.72 -0.80 0.00	19.73 -0.82 0.00	22.21 -0.85 0.00	26.30 -0.93 0.00	29.22 -1.28 0.00	33.09 -1.34 0.00	32.47 -1.46 0.00	27.99 -0.90 0.00	25.08 -0.80 0.00	22.25 -0.78 0.00
LEDERLE____ 23769	19.65 0.86 0.00	18.61 0.72 0.00	18.30 0.64 0.00	18.37 0.62 0.00	18.91 0.69 0.00	20.89 0.90 0.00	28.70 1.31 0.00	32.14 1.70 0.00	30.64 1.62 0.00	23.82 1.28 0.01	22.61 1.22 0.00	21.74 1.07 0.00	20.69 0.99 0.00	20.46 0.97 0.00	20.49 0.98 0.00	21.62 1.07 0.00	24.37 1.36 0.05	28.81 1.61 0.02	32.51 2.01 0.00	36.74 2.31 0.00	36.30 2.38 0.00	30.33 1.44 0.00	27.02 1.14 0.00	23.94 0.90 0.00
LIGHTHSE_115KV_TB6 355974	18.55 -0.24 0.00	17.68 -0.21 0.00	17.51 -0.16 0.00	17.61 -0.14 0.00	18.06 -0.16 0.00	19.73 -0.26 0.00	27.03 -0.36 0.00	29.98 -0.46 0.00	28.40 -0.61 0.00	22.09 -0.45 0.00	20.97 -0.43 0.00	20.29 -0.37 0.00	19.35 -0.35 0.00	19.12 -0.37 0.00	19.11 -0.41 0.00	20.14 -0.41 0.00	22.53 -0.53 0.00	26.62 -0.60 0.00	30.10 -0.40 0.00	34.19 -0.24 0.00	33.62 -0.31 0.00	28.60 -0.29 0.00	25.75 -0.13 0.00	22.90 -0.14 0.00
LINDEN COGEN____ 23786	19.62 0.83 0.00	18.52 0.63 0.00	18.23 0.57 0.00	18.28 0.53 0.00	18.82 0.60 0.00	20.83 0.84 0.00	28.70 1.31 0.00	32.28 1.83 -0.02	30.74 1.71 -0.02	24.13 1.35 -0.24	22.65 1.24 -0.02	21.84 1.16 -0.02	20.78 1.06 -0.02	20.55 1.05 -0.01	20.55 1.03 0.00	21.68 1.13 0.00	26.79 1.45 -2.28	29.80 1.74 -0.83	32.71 2.17 -0.05	36.82 2.37 -0.02	35.32 2.44 1.05	30.36 1.47 0.00	27.02 1.14 0.00	23.89 0.85 0.00
LINDHRST_69_KV_BK1 356055	20.44 1.47 -0.18	19.07 1.18 0.00	18.71 1.04 0.00	18.80 1.05 0.00	19.39 1.17 0.00	21.45 1.46 0.00	29.49 2.11 0.00	32.78 2.34 0.00	31.13 2.12 0.00	24.34 1.80 0.01	23.13 1.73 0.00	22.05 1.38 0.00	20.98 1.28 0.00	20.80 1.31 0.00	20.81 1.29 0.00	22.03 1.48 0.00	24.91 1.94 0.09	29.84 2.48 -0.15	33.54 3.05 0.00	37.81 3.37 0.00	37.46 3.53 0.00	32.64 2.37 -1.38	27.77 1.89 0.00	24.58 1.54 0.00
LIPA_MISC_IPP 23656	20.61 1.63 -0.18	19.20 1.31 0.00	18.83 1.17 0.00	18.92 1.17 0.00	19.51 1.29 0.00	21.57 1.58 0.00	29.55 2.16 0.00	32.51 2.07 0.00	30.75 1.74 0.00	24.22 1.69 0.01	23.11 1.71 0.00	21.86 1.20 0.00	20.89 1.18 0.00	20.64 1.15 0.00	20.59 1.07 0.00	21.83 1.27 0.00	24.73 1.75 0.09	29.60 2.23 -0.15	33.48 2.99 0.00	37.53 3.10 0.00	37.19 3.26 0.00	32.52 2.25 -1.38	27.59 1.71 0.00	24.51 1.47 0.00
LISF____SOLAR 323691	20.63 1.65 -0.18	19.22 1.32 0.00	18.89 1.22 0.00	18.94 1.19 0.00	19.53 1.31 0.00	21.59 1.60 0.00	29.63 2.25 0.00	32.78 2.34 0.00	30.78 1.77 0.00	24.20 1.67 0.01	22.85 1.46 0.00	21.86 1.20 0.00	20.90 1.20 0.00	20.66 1.17 0.00	20.61 1.09 0.00	21.85 1.30 0.00	24.75 1.78 0.09	29.62 2.26 -0.15	33.54 3.05 0.00	37.53 3.10 0.00	37.26 3.33 0.00	32.58 2.31 -1.38	27.64 1.76 0.00	24.51 1.48 0.00
LITTLE FALLS____HYD 24013	18.58 -0.21 0.00	17.68 -0.21 0.00	17.45 -0.21 0.00	17.54 -0.21 0.00	18.02 -0.20 0.00	19.75 -0.24 0.00	27.11 -0.27 0.00	30.19 -0.24 0.00	28.69 -0.32 0.00	22.20 -0.34 0.00	21.03 -0.36 0.00	20.31 -0.35 0.00	19.37 -0.33 0.00	19.14 -0.35 0.00	19.15 -0.37 0.00	20.18 -0.37 0.00	22.69 -0.37 0.00	26.79 -0.44 0.00	30.22 -0.27 0.00	34.19 -0.24 0.00	33.69 -0.24 0.00	28.66 -0.23 0.00	25.65 -0.23 0.00	22.81 -0.23 0.00
LITTLRIV_115KV_TB1 356100	18.13 -0.66 0.00	17.25 -0.64 0.00	17.03 -0.64 0.00	17.11 -0.64 0.00	17.60 -0.62 0.00	19.33 -0.66 0.00	26.70 -0.68 0.00	29.77 -0.67 0.00	28.43 -0.58 0.00	22.00 -0.54 0.00	20.80 -0.60 0.00	20.06 -0.60 0.00	19.21 -0.49 0.00	18.96 -0.53 0.00	18.99 -0.53 0.00	20.00 -0.55 0.00	22.48 -0.58 0.00	26.62 -0.60 0.00	29.64 -0.85 0.00	33.57 -0.86 0.00	32.91 -1.02 0.00	28.40 -0.49 0.00	25.41 -0.47 0.00	22.53 -0.51 0.00

LI_NEWBRDGE___DRP 323616	20.12 1.15 -0.18	18.79 0.89 0.00	18.44 0.78 0.00	18.51 0.76 0.00	19.09 0.87 0.00	21.13 1.14 0.00	29.03 1.64 0.00	32.35 1.92 0.00	30.78 1.77 0.00	24.04 1.51 0.01	22.83 1.43 0.00	21.84 1.18 0.00	20.79 1.08 0.00	20.58 1.09 0.00	20.61 1.09 0.00	21.79 1.23 0.00	24.59 1.61 0.09	29.41 2.04 -0.15	33.00 2.50 0.00	37.19 2.75 0.00	36.81 2.88 0.00	32.12 1.85 -1.38	27.33 1.45 0.00	24.21 1.17 0.00
LOCKPORT_115KV_TB60_63_64 80432	18.13 -0.66 0.00	17.68 -0.21 0.00	17.58 -0.09 0.00	17.70 -0.05 0.00	18.00 -0.22 0.00	19.47 -0.52 0.00	25.88 -1.51 0.00	27.97 -2.47 0.00	26.49 -2.52 0.00	21.24 -1.31 0.00	20.18 -1.22 0.00	19.84 -0.83 0.00	18.76 -0.95 0.00	18.54 -0.96 0.00	18.60 -0.92 0.00	19.48 -1.07 0.00	21.24 -1.82 0.00	24.93 -2.29 0.00	27.97 -2.53 0.00	31.71 -2.72 0.00	31.08 -2.85 0.00	26.26 -2.63 0.00	23.89 -1.99 0.00	21.82 -1.22 0.00
LOCKPORT___CC1 323769	18.24 -0.55 0.00	17.84 -0.05 0.00	17.60 -0.07 0.00	17.72 -0.04 0.00	18.17 -0.05 0.00	19.59 -0.40 0.00	25.91 -1.48 0.00	27.94 -2.50 0.00	26.49 -2.52 0.00	21.23 -1.31 0.00	20.52 -0.88 0.00	19.84 -0.83 0.00	18.76 -0.95 0.00	18.54 -0.95 0.00	18.60 -0.92 0.00	19.48 -1.07 0.00	21.26 -1.80 0.00	24.93 -2.29 0.00	27.97 -2.53 0.00	31.68 -2.76 0.00	31.05 -2.88 0.00	26.26 -2.63 0.00	23.86 -2.02 0.00	21.82 -1.22 0.00
LOCKPORT___CC2 323770	18.24 -0.55 0.00	17.84 -0.05 0.00	17.60 -0.07 0.00	17.72 -0.04 0.00	18.17 -0.05 0.00	19.59 -0.40 0.00	25.91 -1.48 0.00	27.94 -2.50 0.00	26.49 -2.52 0.00	21.23 -1.31 0.00	20.52 -0.88 0.00	19.84 -0.83 0.00	18.76 -0.95 0.00	18.54 -0.95 0.00	18.60 -0.92 0.00	19.48 -1.07 0.00	21.26 -1.80 0.00	24.93 -2.29 0.00	27.97 -2.53 0.00	31.68 -2.76 0.00	31.05 -2.88 0.00	26.26 -2.63 0.00	23.86 -2.02 0.00	21.82 -1.22 0.00
LOCKPORT___CC3 323771	18.24 -0.55 0.00	17.84 -0.05 0.00	17.60 -0.07 0.00	17.72 -0.04 0.00	18.17 -0.05 0.00	19.59 -0.40 0.00	25.91 -1.48 0.00	27.94 -2.50 0.00	26.49 -2.52 0.00	21.23 -1.31 0.00	20.52 -0.88 0.00	19.84 -0.83 0.00	18.76 -0.95 0.00	18.54 -0.95 0.00	18.60 -0.92 0.00	19.48 -1.07 0.00	21.26 -1.80 0.00	24.93 -2.29 0.00	27.97 -2.53 0.00	31.68 -2.76 0.00	31.05 -2.88 0.00	26.26 -2.63 0.00	23.86 -2.02 0.00	21.82 -1.22 0.00
LONG_LAKE_PHOENIX 24014	18.55 -0.24 0.00	17.70 -0.20 0.00	17.51 -0.16 0.00	17.61 -0.14 0.00	18.04 -0.18 0.00	19.75 -0.24 0.00	27.06 -0.33 0.00	29.98 -0.46 0.00	28.49 -0.52 0.00	22.20 -0.34 0.00	21.07 -0.32 0.00	20.42 -0.25 0.00	19.47 -0.24 0.00	19.26 -0.23 0.00	19.26 -0.25 0.00	20.26 -0.29 0.00	22.65 -0.42 0.00	26.70 -0.52 0.00	30.01 -0.49 0.00	33.98 -0.45 0.00	33.45 -0.48 0.00	28.40 -0.49 0.00	25.57 -0.31 0.00	22.81 -0.23 0.00
LOVETT___3 23632	19.58 0.79 0.00	18.52 0.63 0.00	18.21 0.55 0.00	18.28 0.53 0.00	18.84 0.62 0.00	20.79 0.80 0.00	28.56 1.18 0.00	31.99 1.55 0.00	30.49 1.48 0.00	23.71 1.17 0.01	22.49 1.09 0.00	21.63 0.97 0.00	20.59 0.89 0.00	20.37 0.88 0.00	20.40 0.88 0.00	21.50 0.95 0.00	24.23 1.22 0.05	28.64 1.44 0.02	32.36 1.86 0.00	36.53 2.10 0.00	36.10 2.17 0.00	30.16 1.27 0.00	26.86 0.98 0.00	23.82 0.78 0.00
LOVETT___4 23642	19.58 0.79 0.00	18.52 0.63 0.00	18.21 0.55 0.00	18.28 0.53 0.00	18.84 0.62 0.00	20.79 0.80 0.00	28.56 1.18 0.00	31.99 1.55 0.00	30.49 1.48 0.00	23.71 1.17 0.01	22.49 1.09 0.00	21.63 0.97 0.00	20.59 0.89 0.00	20.37 0.88 0.00	20.40 0.88 0.00	21.50 0.95 0.00	24.23 1.22 0.05	28.64 1.44 0.02	32.36 1.86 0.00	36.53 2.10 0.00	36.10 2.17 0.00	30.16 1.27 0.00	26.86 0.98 0.00	23.82 0.78 0.00
LOVETT___5 23593	19.58 0.79 0.00	18.52 0.63 0.00	18.21 0.55 0.00	18.28 0.53 0.00	18.84 0.62 0.00	20.79 0.80 0.00	28.56 1.18 0.00	31.99 1.55 0.00	30.49 1.48 0.00	23.71 1.17 0.01	22.49 1.09 0.00	21.63 0.97 0.00	20.59 0.89 0.00	20.37 0.88 0.00	20.40 0.88 0.00	21.50 0.95 0.00	24.23 1.22 0.05	28.64 1.44 0.02	32.36 1.86 0.00	36.53 2.10 0.00	36.10 2.17 0.00	30.16 1.27 0.00	26.86 0.98 0.00	23.82 0.78 0.00
LOWER RAQUET___HYD 24057	17.81 -0.98 0.00	16.94 -0.95 0.00	16.73 -0.94 0.00	16.81 -0.94 0.00	17.25 -0.97 0.00	18.95 -1.04 0.00	26.13 -1.26 0.00	29.07 -1.37 0.00	27.80 -1.22 0.00	21.48 -1.06 0.00	20.33 -1.07 0.00	19.63 -1.03 0.00	18.76 -0.95 0.00	18.54 -0.95 0.00	18.56 -0.96 0.00	19.59 -0.97 0.00	22.05 -1.01 0.00	26.10 -1.12 0.00	29.03 -1.46 0.00	32.88 -1.55 0.00	32.27 -1.66 0.00	27.82 -1.07 0.00	24.92 -0.96 0.00	22.09 -0.95 0.00
LOWER___HUDSON 24059	19.24 0.45 0.00	18.27 0.38 0.00	18.02 0.35 0.00	18.09 0.34 0.00	18.58 0.36 0.00	20.45 0.46 0.00	28.07 0.68 0.00	31.38 0.94 0.00	29.71 0.70 0.00	22.99 0.45 0.00	21.80 0.41 0.00	21.04 0.37 0.00	20.06 0.36 0.00	19.86 0.37 0.00	19.89 0.37 0.00	20.94 0.39 0.00	23.57 0.51 0.00	27.82 0.60 0.00	31.50 1.00 0.00	35.53 1.10 0.00	35.08 1.15 0.00	29.58 0.69 0.00	26.32 0.44 0.00	23.41 0.37 0.00
LOWVILLE_115KV_TB2 356335	18.56 -0.23 0.00	17.66 -0.23 0.00	17.45 -0.21 0.00	17.52 -0.23 0.00	17.98 -0.24 0.00	19.73 -0.26 0.00	27.08 -0.30 0.00	30.16 -0.27 0.00	28.55 -0.46 0.00	21.98 -0.56 0.00	20.77 -0.62 0.00	20.06 -0.60 0.00	19.13 -0.57 0.00	18.93 -0.57 0.00	18.93 -0.59 0.00	20.10 -0.45 0.00	22.67 -0.39 0.00	26.95 -0.27 0.00	30.65 0.15 0.00	35.09 0.65 0.00	34.44 0.51 0.00	29.32 0.43 0.00	26.24 0.36 0.00	23.25 0.21 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	19.45 0.66 0.00	18.50 0.61 0.00	18.23 0.57 0.00	18.32 0.57 0.00	18.86 0.64 0.00	20.73 0.74 0.00	28.51 1.12 0.00	31.81 1.37 0.00	30.17 1.16 0.00	23.31 0.77 0.00	22.12 0.73 0.00	21.26 0.60 0.00	20.27 0.57 0.00	20.08 0.58 0.00	20.12 0.61 0.00	21.19 0.64 0.00	23.87 0.81 0.00	28.17 0.95 0.00	31.90 1.40 0.00	36.08 1.65 0.00	35.66 1.73 0.00	30.04 1.16 0.00	26.71 0.83 0.00	23.77 0.74 0.00
LUTHERNY_35_KV_BK2 355980	19.47 0.68 0.00	18.50 0.61 0.00	18.25 0.58 0.00	18.32 0.57 0.00	18.86 0.64 0.00	20.75 0.76 0.00	28.54 1.15 0.00	31.84 1.40 0.00	30.20 1.19 0.00	23.31 0.77 0.00	22.12 0.73 0.00	21.28 0.62 0.00	20.29 0.59 0.00	20.09 0.60 0.00	20.14 0.62 0.00	21.19 0.64 0.00	23.87 0.81 0.00	28.20 0.98 0.00	31.93 1.43 0.00	36.12 1.69 0.00	35.69 1.76 0.00	30.07 1.18 0.00	26.73 0.85 0.00	23.77 0.74 0.00
LWR___OSWEGATCHIE_HYD 23850	17.94 -0.85 0.00	17.07 -0.82 0.00	16.85 -0.81 0.00	16.93 -0.82 0.00	17.40 -0.82 0.00	19.09 -0.90 0.00	26.29 -1.10 0.00	29.28 -1.16 0.00	27.80 -1.22 0.00	21.44 -1.10 0.00	20.28 -1.11 0.00	19.59 -1.07 0.00	18.70 -1.00 0.00	18.48 -1.01 0.00	18.48 -1.03 0.00	19.57 -0.99 0.00	22.05 -1.01 0.00	26.16 -1.06 0.00	29.46 -1.04 0.00	33.57 -0.86 0.00	32.95 -0.98 0.00	28.20 -0.69 0.00	25.23 -0.65 0.00	22.37 -0.67 0.00

LYONS_FALL_HYD 23570	18.81 0.02 0.00	17.91 0.02 0.00	17.70 0.04 0.00	17.79 0.04 0.00	18.26 0.04 0.00	20.03 0.04 0.00	27.50 0.11 0.00	30.65 0.21 0.00	29.07 0.06 0.00	22.45 -0.09 0.00	21.25 -0.15 0.00	20.52 -0.14 0.00	19.57 -0.14 0.00	19.36 -0.14 0.00	19.38 -0.14 0.00	20.51 -0.04 0.00	23.08 0.02 0.00	27.36 0.14 0.00	31.01 0.52 0.00	35.36 0.93 0.00	34.74 0.81 0.00	29.52 0.63 0.00	26.42 0.54 0.00	23.43 0.39 0.00
MADISON___COUNTY_LFGE 323628	19.28 0.49 0.00	18.38 0.48 0.00	18.18 0.51 0.00	18.28 0.53 0.00	18.77 0.55 0.00	20.61 0.62 0.00	28.29 0.90 0.00	31.47 1.03 0.00	29.86 0.84 0.00	23.15 0.61 0.00	21.91 0.51 0.00	21.20 0.54 0.00	20.24 0.53 0.00	20.02 0.53 0.00	20.06 0.55 0.00	21.15 0.60 0.00	23.73 0.67 0.00	27.98 0.76 0.00	31.69 1.19 0.00	35.95 1.51 0.00	35.32 1.39 0.00	29.99 1.10 0.00	26.89 1.01 0.00	23.87 0.83 0.00
MALONE___115KV_TB1 356076	18.19 -0.60 0.00	17.32 -0.57 0.00	17.12 -0.55 0.00	17.20 -0.55 0.00	17.66 -0.56 0.00	19.37 -0.62 0.00	26.67 -0.71 0.00	29.71 -0.73 0.00	28.43 -0.58 0.00	21.98 -0.56 0.00	20.84 -0.56 0.00	20.06 -0.60 0.00	19.23 -0.47 0.00	18.98 -0.51 0.00	19.03 -0.49 0.00	20.12 -0.43 0.00	22.60 -0.46 0.00	26.84 -0.38 0.00	29.76 -0.73 0.00	33.67 -0.76 0.00	32.98 -0.95 0.00	28.40 -0.49 0.00	25.49 -0.39 0.00	22.65 -0.39 0.00
MAPLEWOD_115KV_TB3 80458	19.37 0.58 0.00	18.41 0.52 0.00	18.13 0.46 0.00	18.19 0.44 0.00	18.73 0.51 0.00	20.61 0.62 0.00	28.26 0.88 0.00	31.53 1.10 0.00	29.91 0.90 0.00	23.15 0.61 0.00	21.99 0.60 0.00	21.20 0.54 0.00	20.22 0.51 0.00	20.02 0.53 0.00	20.05 0.53 0.00	21.11 0.55 0.00	23.75 0.69 0.00	28.04 0.82 0.00	31.72 1.22 0.00	35.81 1.38 0.00	35.35 1.43 0.00	29.81 0.92 0.00	26.53 0.65 0.00	23.59 0.55 0.00
MAPLE_RIDGE_WT_1 323574	18.43 -0.36 0.00	17.54 -0.36 0.00	17.31 -0.35 0.00	17.36 -0.39 0.00	17.80 -0.42 0.00	19.51 -0.48 0.00	26.76 -0.63 0.00	29.71 -0.73 0.00	28.35 -0.67 0.00	21.96 -0.59 0.00	20.82 -0.58 0.00	20.11 -0.56 0.00	19.17 -0.53 0.00	18.97 -0.53 0.00	18.99 -0.53 0.00	20.04 -0.51 0.00	22.53 -0.53 0.00	26.68 -0.54 0.00	29.89 -0.61 0.00	33.81 -0.62 0.00	33.35 -0.58 0.00	28.54 -0.35 0.00	25.59 -0.28 0.00	22.78 -0.25 0.00
MAPLE_RIDGE_WT_2 323611	18.43 -0.36 0.00	17.54 -0.36 0.00	17.31 -0.35 0.00	17.36 -0.39 0.00	17.80 -0.42 0.00	19.51 -0.48 0.00	26.76 -0.63 0.00	29.71 -0.73 0.00	28.35 -0.67 0.00	21.96 -0.59 0.00	20.82 -0.58 0.00	20.11 -0.56 0.00	19.17 -0.53 0.00	18.97 -0.53 0.00	18.99 -0.53 0.00	20.04 -0.51 0.00	22.53 -0.53 0.00	26.68 -0.54 0.00	29.89 -0.61 0.00	33.81 -0.62 0.00	33.35 -0.58 0.00	28.54 -0.35 0.00	25.59 -0.28 0.00	22.78 -0.25 0.00
MARBLE_RIVER_WT_PWR 323696	18.13 -0.66 0.00	17.27 -0.63 0.00	17.08 -0.58 0.00	17.18 -0.57 0.00	17.60 -0.62 0.00	19.33 -0.66 0.00	26.56 -0.82 0.00	29.52 -0.91 0.00	28.29 -0.72 0.00	21.89 -0.65 0.00	20.75 -0.64 0.00	19.98 -0.68 0.00	19.15 -0.55 0.00	18.92 -0.57 0.00	18.99 -0.53 0.00	20.08 -0.47 0.00	22.51 -0.55 0.00	26.73 -0.49 0.00	29.67 -0.82 0.00	33.57 -0.86 0.00	32.91 -1.02 0.00	28.31 -0.58 0.00	25.44 -0.44 0.00	22.60 -0.44 0.00
MARSHVLE_115KV_TB1 80742	20.11 1.32 0.00	19.18 1.29 0.00	18.94 1.27 0.00	19.03 1.28 0.00	19.59 1.37 0.00	21.57 1.58 0.00	29.77 2.38 0.00	32.87 2.43 0.00	31.19 2.18 0.00	24.01 1.47 0.00	22.72 1.33 0.00	21.84 1.18 0.00	20.79 1.08 0.00	20.56 1.07 0.00	20.63 1.11 0.00	21.74 1.19 0.00	24.38 1.31 0.00	28.83 1.61 0.00	32.84 2.35 0.00	37.39 2.96 0.00	36.88 2.95 0.00	31.32 2.43 0.00	27.87 1.99 0.00	24.77 1.73 0.00
MARSH_HILL_WT_PWR 323713	19.65 0.86 0.00	18.90 1.00 0.00	18.71 1.04 0.00	18.85 1.10 0.00	19.33 1.11 0.00	21.19 1.20 0.00	29.00 1.62 0.00	31.96 1.52 0.00	30.29 1.28 0.00	23.26 0.72 0.00	22.08 0.68 0.00	21.31 0.64 0.00	20.29 0.59 0.00	20.02 0.53 0.00	20.05 0.53 0.00	21.02 0.47 0.00	23.43 0.37 0.00	27.68 0.46 0.00	31.32 0.82 0.00	35.71 1.27 0.00	35.08 1.15 0.00	29.61 0.72 0.00	26.58 0.70 0.00	23.77 0.74 0.00
MCINTYRE_115KV_TB2 80467	18.41 -0.38 0.00	17.52 -0.38 0.00	17.30 -0.37 0.00	17.40 -0.36 0.00	17.87 -0.35 0.00	19.65 -0.34 0.00	27.14 -0.25 0.00	30.25 -0.18 0.00	28.84 -0.17 0.00	22.34 -0.20 0.00	21.12 -0.28 0.00	20.35 -0.31 0.00	19.47 -0.24 0.00	19.22 -0.27 0.00	19.25 -0.27 0.00	20.26 -0.29 0.00	22.78 -0.28 0.00	26.98 -0.24 0.00	30.04 -0.46 0.00	34.05 -0.38 0.00	33.35 -0.58 0.00	28.80 -0.09 0.00	25.78 -0.10 0.00	22.85 -0.18 0.00
MECO____69_KV_BK1 80468	20.61 1.82 0.00	19.67 1.77 0.00	19.42 1.75 0.00	19.53 1.78 0.00	20.11 1.89 0.00	22.17 2.18 0.00	30.73 3.34 0.00	34.00 3.56 0.00	32.23 3.22 0.00	24.50 1.96 0.00	23.21 1.82 0.00	22.17 1.51 0.00	21.10 1.40 0.00	20.91 1.42 0.00	20.98 1.46 0.00	22.13 1.58 0.00	25.00 1.94 0.00	29.70 2.48 0.00	33.94 3.45 0.00	38.87 4.44 0.00	38.44 4.51 0.00	32.36 3.47 0.00	28.70 2.82 0.00	25.50 2.47 0.00
MENANDS___115KV_TB5 355628	19.34 0.54 0.00	18.38 0.48 0.00	18.09 0.42 0.00	18.18 0.43 0.00	18.71 0.49 0.00	20.57 0.58 0.00	28.18 0.79 0.00	31.47 1.03 0.00	29.86 0.84 0.00	23.11 0.56 0.00	21.97 0.58 0.00	21.18 0.52 0.00	20.18 0.47 0.00	20.00 0.51 0.00	20.01 0.49 0.00	21.09 0.53 0.00	23.71 0.65 0.00	27.98 0.76 0.00	31.66 1.16 0.00	35.67 1.24 0.00	35.22 1.29 0.00	29.73 0.84 0.00	26.45 0.57 0.00	23.54 0.51 0.00
MG INDUSTRY___DRP 24185	19.35 0.56 0.00	18.41 0.52 0.00	18.14 0.48 0.00	18.23 0.48 0.00	18.75 0.53 0.00	20.59 0.60 0.00	28.21 0.82 0.00	31.44 1.00 0.00	29.83 0.81 0.00	23.08 0.54 0.00	21.93 0.53 0.00	21.12 0.45 0.00	20.14 0.43 0.00	19.94 0.45 0.00	19.97 0.45 0.00	21.02 0.47 0.00	23.64 0.58 0.00	27.90 0.68 0.00	31.50 1.01 0.00	35.53 1.10 0.00	35.08 1.15 0.00	29.67 0.78 0.00	26.45 0.57 0.00	23.54 0.51 0.00
MID___OSWEGATCHIE_HYD 23849	17.94 -0.85 0.00	17.07 -0.82 0.00	16.85 -0.81 0.00	16.93 -0.82 0.00	17.40 -0.82 0.00	19.09 -0.90 0.00	26.29 -1.10 0.00	29.28 -1.16 0.00	27.80 -1.22 0.00	21.44 -1.10 0.00	20.28 -1.11 0.00	19.59 -1.07 0.00	18.70 -1.00 0.00	18.48 -1.01 0.00	18.48 -1.03 0.00	19.57 -0.99 0.00	22.05 -1.01 0.00	26.16 -1.06 0.00	29.46 -1.04 0.00	33.57 -0.86 0.00	32.95 -0.98 0.00	28.20 -0.69 0.00	25.23 -0.65 0.00	22.37 -0.67 0.00
MID___RAQUETTE_HYD 23851	17.81 -0.98 0.00	16.95 -0.95 0.00	16.73 -0.94 0.00	16.81 -0.94 0.00	17.27 -0.95 0.00	18.95 -1.04 0.00	26.13 -1.26 0.00	29.10 -1.34 0.00	27.80 -1.22 0.00	21.48 -1.06 0.00	20.35 -1.05 0.00	19.63 -1.03 0.00	18.76 -0.95 0.00	18.54 -0.96 0.00	18.56 -0.96 0.00	19.59 -0.97 0.00	22.05 -1.01 0.00	26.13 -1.09 0.00	29.03 -1.46 0.00	32.88 -1.55 0.00	32.27 -1.66 0.00	27.82 -1.07 0.00	24.92 -0.96 0.00	22.09 -0.94 0.00

MILLIKEN___1 23584	19.28 0.49 0.00	18.43 0.54 0.00	18.25 0.58 0.00	18.37 0.62 0.00	18.80 0.58 0.00	20.63 0.64 0.00	28.32 0.93 0.00	31.38 0.94 0.00	29.77 0.75 0.00	23.13 0.59 0.00	21.84 0.45 0.00	21.16 0.50 0.00	20.16 0.45 0.00	19.92 0.43 0.00	19.95 0.43 0.00	21.00 0.45 0.00	23.50 0.44 0.00	27.77 0.54 0.00	31.32 0.82 0.00	35.57 1.14 0.00	34.98 1.05 0.00	29.61 0.72 0.00	26.58 0.70 0.00	23.71 0.67 0.00
MILLIKEN___2 23585	19.28 0.49 0.00	18.43 0.54 0.00	18.25 0.58 0.00	18.37 0.62 0.00	18.80 0.58 0.00	20.63 0.64 0.00	28.32 0.93 0.00	31.38 0.94 0.00	29.77 0.75 0.00	23.13 0.59 0.00	21.84 0.45 0.00	21.16 0.50 0.00	20.16 0.45 0.00	19.92 0.43 0.00	19.95 0.43 0.00	21.00 0.45 0.00	23.50 0.44 0.00	27.77 0.54 0.00	31.32 0.82 0.00	35.57 1.14 0.00	34.98 1.05 0.00	29.61 0.72 0.00	26.58 0.70 0.00	23.71 0.67 0.00
MILLIKEN___DIESEL 23629	19.28 0.49 0.00	18.43 0.54 0.00	18.25 0.58 0.00	18.37 0.62 0.00	18.80 0.58 0.00	20.63 0.64 0.00	28.32 0.93 0.00	31.38 0.94 0.00	29.77 0.75 0.00	23.13 0.59 0.00	21.84 0.45 0.00	21.16 0.50 0.00	20.16 0.45 0.00	19.92 0.43 0.00	19.95 0.43 0.00	21.00 0.45 0.00	23.50 0.44 0.00	27.77 0.54 0.00	31.32 0.82 0.00	35.57 1.14 0.00	34.98 1.05 0.00	29.61 0.72 0.00	26.58 0.70 0.00	23.71 0.67 0.00
MILLSEAT___LFGE 323607	18.47 -0.32 0.00	18.02 0.13 0.00	17.79 0.12 0.00	17.91 0.16 0.00	18.38 0.16 0.00	19.85 -0.14 0.00	26.45 -0.93 0.00	28.70 -1.73 0.00	27.19 -1.83 0.00	21.69 -0.86 0.00	20.88 -0.51 0.00	20.17 -0.50 0.00	19.09 -0.61 0.00	18.87 -0.62 0.00	18.93 -0.59 0.00	19.83 -0.72 0.00	21.72 -1.34 0.00	25.53 -1.69 0.00	28.70 -1.80 0.00	32.57 -1.86 0.00	31.93 -2.00 0.00	26.95 -1.94 0.00	24.41 -1.47 0.00	22.25 -0.78 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	19.62 0.83 0.00	18.56 0.66 0.00	18.25 0.58 0.00	18.32 0.57 0.00	18.88 0.66 0.00	20.83 0.84 0.00	28.62 1.23 0.00	32.08 1.64 0.00	30.58 1.57 0.00	23.78 1.24 0.01	22.55 1.16 0.00	21.70 1.03 0.00	20.65 0.95 0.00	20.43 0.94 0.00	20.44 0.92 0.00	21.56 1.01 0.00	24.29 1.29 0.07	28.75 1.55 0.02	32.48 1.98 0.00	36.67 2.24 0.00	36.24 2.31 0.00	30.28 1.39 0.00	26.94 1.06 0.00	23.87 0.83 0.00
MILLWOOD_13_KV_LOAD 356217	19.64 0.85 0.00	18.59 0.70 0.00	18.29 0.62 0.00	18.35 0.60 0.00	18.89 0.67 0.00	20.85 0.86 0.00	28.67 1.29 0.00	32.17 1.73 0.00	30.64 1.62 0.00	23.80 1.26 0.01	22.59 1.20 0.00	21.72 1.05 0.00	20.67 0.97 0.00	20.45 0.96 0.00	20.46 0.94 0.00	21.58 1.03 0.00	24.31 1.31 0.07	28.80 1.61 0.02	32.54 2.04 0.00	36.74 2.31 0.00	36.34 2.41 0.00	30.36 1.47 0.00	26.99 1.11 0.00	23.89 0.85 0.00
MODEL_CITY_ENERGY 24167	18.04 -0.75 0.00	17.63 -0.27 0.00	17.38 -0.28 0.00	17.52 -0.23 0.00	17.95 -0.27 0.00	19.37 -0.62 0.00	25.61 -1.78 0.00	27.57 -2.86 0.00	26.14 -2.87 0.00	20.96 -1.58 0.00	20.26 -1.13 0.00	19.59 -1.08 0.00	18.54 -1.16 0.00	18.32 -1.17 0.00	18.37 -1.15 0.00	19.24 -1.32 0.00	21.01 -2.05 0.00	24.63 -2.59 0.00	27.60 -2.90 0.00	31.26 -3.17 0.00	30.64 -3.29 0.00	25.91 -2.97 0.00	23.58 -2.30 0.00	21.56 -1.47 0.00
MODERN_LFGE___ 323580	18.04 -0.75 0.00	17.63 -0.27 0.00	17.38 -0.28 0.00	17.52 -0.23 0.00	17.95 -0.27 0.00	19.37 -0.62 0.00	25.61 -1.78 0.00	27.57 -2.86 0.00	26.14 -2.87 0.00	20.96 -1.58 0.00	20.26 -1.13 0.00	19.59 -1.08 0.00	18.54 -1.16 0.00	18.32 -1.17 0.00	18.37 -1.15 0.00	19.24 -1.32 0.00	21.01 -2.05 0.00	24.63 -2.59 0.00	27.60 -2.90 0.00	31.26 -3.17 0.00	30.64 -3.29 0.00	25.91 -2.97 0.00	23.58 -2.30 0.00	21.56 -1.47 0.00
MOHAWK_PAPER___DRP 24187	19.37 0.58 0.00	18.41 0.52 0.00	18.13 0.46 0.00	18.19 0.44 0.00	18.73 0.51 0.00	20.61 0.62 0.00	28.26 0.88 0.00	31.53 1.10 0.00	29.91 0.90 0.00	23.15 0.61 0.00	21.99 0.60 0.00	21.20 0.54 0.00	20.22 0.51 0.00	20.02 0.53 0.00	20.05 0.53 0.00	21.11 0.55 0.00	23.75 0.69 0.00	28.04 0.82 0.00	31.72 1.22 0.00	35.81 1.38 0.00	35.35 1.43 0.00	29.81 0.92 0.00	26.53 0.65 0.00	23.59 0.55 0.00
MOHICAN___35_KV_115KV_LD 80490	19.49 0.70 0.00	18.54 0.64 0.00	18.27 0.60 0.00	18.35 0.60 0.00	18.91 0.69 0.00	20.81 0.82 0.00	28.70 1.31 0.00	32.05 1.61 0.00	30.41 1.39 0.00	23.42 0.88 0.00	22.21 0.81 0.00	21.33 0.66 0.00	20.33 0.63 0.00	20.13 0.64 0.00	20.18 0.66 0.00	21.25 0.70 0.00	23.96 0.90 0.00	28.31 1.09 0.00	32.11 1.62 0.00	36.46 2.03 0.00	36.03 2.10 0.00	30.28 1.39 0.00	26.86 0.98 0.00	23.87 0.83 0.00
MONGAUP___HYD 23641	19.32 0.53 0.00	18.29 0.39 0.00	18.02 0.35 0.00	18.11 0.35 0.00	18.60 0.38 0.00	20.51 0.52 0.00	27.99 0.60 0.00	31.38 0.94 0.00	29.77 0.75 0.00	23.02 0.47 0.00	21.76 0.36 0.00	21.20 0.54 0.00	20.14 0.43 0.00	19.94 0.45 0.00	19.97 0.45 0.00	21.09 0.53 0.00	23.61 0.55 0.00	27.96 0.74 0.00	31.63 1.13 0.00	35.84 1.41 0.00	35.42 1.49 0.00	29.67 0.78 0.00	26.40 0.52 0.00	23.41 0.37 0.00
MONTAUK___DIESEL 23721	21.32 2.35 -0.18	19.84 1.95 0.00	19.49 1.82 0.00	19.58 1.83 0.00	20.21 1.99 0.00	22.35 2.36 0.00	30.67 3.29 0.00	33.75 3.32 0.00	31.89 2.87 0.00	25.04 2.50 0.01	23.88 2.48 0.00	22.48 1.82 0.00	21.44 1.73 0.00	21.15 1.66 0.00	21.10 1.58 0.00	22.42 1.87 0.00	25.42 2.44 0.09	30.50 3.13 -0.15	34.61 4.12 0.00	38.84 4.41 0.00	38.48 4.55 0.00	33.59 3.32 -1.38	28.44 2.56 0.00	25.30 2.26 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	18.90 0.11 0.00	18.27 0.38 0.00	18.13 0.46 0.00	18.34 0.59 0.00	18.46 0.24 0.00	20.01 0.02 0.00	26.95 -0.44 0.00	28.98 -1.46 0.00	27.24 -1.77 0.00	21.87 -0.68 0.00	20.75 -0.64 0.00	20.35 -0.31 0.00	19.21 -0.49 0.00	18.96 -0.53 0.00	18.99 -0.53 0.00	19.87 -0.68 0.00	21.70 -1.36 0.00	25.42 -1.80 0.00	28.67 -1.83 0.00	32.78 -1.65 0.00	32.20 -1.73 0.00	27.13 -1.76 0.00	24.69 -1.19 0.00	22.67 -0.37 0.00
MORTIMER_115KV_TB3 55949	18.43 -0.36 0.00	17.80 -0.09 0.00	17.68 0.02 0.00	17.79 0.04 0.00	18.17 -0.05 0.00	19.75 -0.24 0.00	26.73 -0.66 0.00	29.31 -1.13 0.00	27.88 -1.13 0.00	21.98 -0.56 0.00	20.90 -0.49 0.00	20.40 -0.27 0.00	19.37 -0.33 0.00	19.16 -0.33 0.00	19.19 -0.33 0.00	20.14 -0.41 0.00	22.21 -0.85 0.00	26.13 -1.09 0.00	29.34 -1.16 0.00	33.23 -1.21 0.00	32.67 -1.26 0.00	27.59 -1.30 0.00	24.95 -0.93 0.00	22.48 -0.55 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	19.75 0.96 0.00	18.66 0.77 0.00	18.34 0.67 0.00	18.41 0.66 0.00	18.97 0.75 0.00	20.95 0.96 0.00	28.84 1.45 0.00	32.37 1.92 -0.01	30.86 1.83 -0.01	24.21 1.44 -0.23	22.78 1.37 -0.01	21.90 1.22 -0.01	20.84 1.12 -0.01	20.61 1.11 -0.01	20.63 1.11 0.00	21.74 1.19 0.00	26.79 1.52 -2.21	29.85 1.82 -0.81	32.83 2.29 -0.05	36.99 2.55 -0.01	36.56 2.61 -0.01	30.51 1.62 0.00	27.15 1.27 0.00	24.03 0.99 0.00

MUNSVILLE_WIND_PWR 323609	20.50 1.71 0.00	19.58 1.68 0.00	19.42 1.75 0.00	19.54 1.79 0.00	20.11 1.89 0.00	22.09 2.10 0.00	30.48 3.09 0.00	33.84 3.41 0.00	31.89 2.87 0.00	24.57 2.03 0.00	23.15 1.75 0.00	22.32 1.65 0.00	21.26 1.56 0.00	20.97 1.48 0.00	21.06 1.54 0.00	22.18 1.62 0.00	24.86 1.80 0.00	29.32 2.10 0.00	33.64 3.14 0.00	38.36 3.92 0.00	37.52 3.59 0.00	31.75 2.86 0.00	28.42 2.54 0.00	25.20 2.16 0.00
N SALMON___HYD 24042	18.17 -0.62 0.00	17.32 -0.57 0.00	17.12 -0.55 0.00	17.20 -0.55 0.00	17.66 -0.56 0.00	19.37 -0.62 0.00	26.67 -0.71 0.00	29.68 -0.76 0.00	28.43 -0.58 0.00	21.98 -0.56 0.00	20.82 -0.58 0.00	20.06 -0.60 0.00	19.23 -0.47 0.00	18.98 -0.51 0.00	19.03 -0.49 0.00	20.12 -0.43 0.00	22.58 -0.49 0.00	26.84 -0.38 0.00	29.76 -0.73 0.00	33.67 -0.76 0.00	32.98 -0.95 0.00	28.40 -0.49 0.00	25.49 -0.39 0.00	22.65 -0.39 0.00
N.AKRON___115KV_KNAPP 355671	18.38 -0.41 0.00	17.89 0.00 0.00	17.81 0.14 0.00	17.93 0.18 0.00	18.24 0.02 0.00	19.75 -0.24 0.00	26.40 -0.99 0.00	28.67 -1.77 0.00	27.16 -1.86 0.00	21.69 -0.86 0.00	20.58 -0.81 0.00	20.19 -0.48 0.00	19.09 -0.61 0.00	18.89 -0.60 0.00	18.93 -0.59 0.00	19.85 -0.70 0.00	21.68 -1.38 0.00	25.51 -1.71 0.00	28.67 -1.83 0.00	32.54 -1.89 0.00	31.93 -2.00 0.00	26.90 -1.99 0.00	24.43 -1.45 0.00	22.23 -0.81 0.00
N.BELMOR_69_KV_BK1 55787	20.27 1.30 -0.18	18.91 1.02 0.00	18.57 0.90 0.00	18.64 0.89 0.00	19.22 1.00 0.00	21.27 1.28 0.00	29.25 1.86 0.00	32.63 2.19 0.00	31.02 2.00 0.00	24.22 1.69 0.01	23.00 1.60 0.00	22.01 1.34 0.00	20.90 1.20 0.00	20.74 1.25 0.00	20.75 1.23 0.00	21.97 1.42 0.00	24.80 1.82 0.09	29.68 2.31 -0.15	33.33 2.84 0.00	37.60 3.17 0.00	37.22 3.29 0.00	32.43 2.17 -1.38	27.59 1.71 0.00	24.42 1.38 0.00
N.E_GEN_SANDY PD 24062	19.26 0.47 0.00	18.27 0.38 0.00	18.00 0.33 0.00	18.07 0.32 0.00	18.57 0.35 0.00	21.50 0.46 -1.05	26.94 0.60 1.05	31.35 0.91 0.00	29.00 0.67 0.68	23.67 0.45 -0.68	21.80 0.41 0.00	21.06 0.39 0.00	20.08 0.37 0.00	19.86 0.37 0.00	19.89 0.37 0.00	20.94 0.39 0.00	23.59 0.53 0.00	27.85 0.63 0.00	31.56 1.07 0.00	35.50 1.07 0.00	34.49 1.12 0.56	30.08 0.63 -0.56	26.21 0.34 0.00	23.32 0.28 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	19.60 0.81 0.00	18.56 0.66 0.00	18.25 0.58 0.00	18.32 0.57 0.00	18.86 0.64 0.00	20.81 0.82 0.00	28.59 1.20 0.00	32.02 1.58 0.00	30.52 1.51 0.00	23.73 1.19 0.01	22.53 1.13 0.00	21.66 0.99 0.00	20.61 0.91 0.00	20.41 0.92 0.00	20.44 0.92 0.00	21.54 0.99 0.00	24.28 1.27 0.05	28.70 1.50 0.02	32.42 1.92 0.00	36.60 2.17 0.00	36.17 2.24 0.00	30.22 1.33 0.00	26.91 1.04 0.00	23.87 0.83 0.00
N.QUEENS_27_KV_LOAD 356247	19.94 1.15 -0.01	18.87 0.97 -0.01	18.52 0.85 0.00	18.58 0.83 0.00	19.17 0.95 0.00	21.09 1.10 0.00	28.95 1.56 0.00	32.37 1.92 -0.02	31.03 2.00 -0.02	24.39 1.62 -0.23	22.91 1.50 -0.02	22.02 1.34 -0.02	20.98 1.26 -0.02	20.71 1.21 -0.01	20.69 1.17 0.00	21.81 1.25 0.00	27.06 1.75 -2.25	30.14 2.10 -0.82	33.10 2.56 -0.04	37.17 2.72 -0.02	36.69 2.75 -0.02	30.48 1.59 0.00	27.17 1.29 0.00	24.17 1.13 0.00
N.TROY___115KV_TB1 355778	19.26 0.47 0.00	18.29 0.39 0.00	18.02 0.35 0.00	18.09 0.34 0.00	18.62 0.40 0.00	20.47 0.48 0.00	28.07 0.68 0.00	31.35 0.91 0.00	29.71 0.70 0.00	22.99 0.45 0.00	21.82 0.43 0.00	21.04 0.37 0.00	20.06 0.35 0.00	19.86 0.37 0.00	19.89 0.37 0.00	20.94 0.39 0.00	23.57 0.51 0.00	27.85 0.63 0.00	31.50 1.01 0.00	35.53 1.10 0.00	35.08 1.15 0.00	29.61 0.72 0.00	26.32 0.44 0.00	23.41 0.37 0.00
NARROWS_GT1_1 24228	19.91 1.11 -0.01	18.81 0.91 -0.01	18.50 0.83 0.00	18.53 0.78 0.00	19.09 0.87 0.00	21.09 1.10 0.00	29.00 1.62 0.00	32.61 2.16 -0.02	31.03 2.00 -0.02	24.35 1.58 -0.23	22.84 1.43 -0.02	22.02 1.34 -0.02	20.98 1.26 -0.02	20.77 1.27 -0.01	20.75 1.23 0.00	21.91 1.36 0.00	27.13 1.75 -2.32	30.19 2.12 -0.84	33.20 2.65 -0.05	37.27 2.82 -0.02	36.86 2.92 -0.02	30.74 1.85 0.00	27.41 1.53 0.00	24.28 1.24 0.00
NARROWS_GT1_2 24229	19.91 1.11 -0.01	18.81 0.91 -0.01	18.50 0.83 0.00	18.53 0.78 0.00	19.09 0.87 0.00	21.09 1.10 0.00	29.00 1.62 0.00	32.61 2.16 -0.02	31.03 2.00 -0.02	24.35 1.58 -0.23	22.84 1.43 -0.02	22.02 1.34 -0.02	20.98 1.26 -0.02	20.77 1.27 -0.01	20.75 1.23 0.00	21.91 1.36 0.00	27.13 1.75 -2.32	30.19 2.12 -0.84	33.20 2.65 -0.05	37.27 2.82 -0.02	36.86 2.92 -0.02	30.74 1.85 0.00	27.41 1.53 0.00	24.28 1.24 0.00
NARROWS_GT1_3 24230	19.91 1.11 -0.01	18.81 0.91 -0.01	18.50 0.83 0.00	18.53 0.78 0.00	19.09 0.87 0.00	21.09 1.10 0.00	29.00 1.62 0.00	32.61 2.16 -0.02	31.03 2.00 -0.02	24.35 1.58 -0.23	22.84 1.43 -0.02	22.02 1.34 -0.02	20.98 1.26 -0.02	20.77 1.27 -0.01	20.75 1.23 0.00	21.91 1.36 0.00	27.13 1.75 -2.32	30.19 2.12 -0.84	33.20 2.65 -0.05	37.27 2.82 -0.02	36.86 2.92 -0.02	30.74 1.85 0.00	27.41 1.53 0.00	24.28 1.24 0.00
NARROWS_GT1_4 24231	19.91 1.11 -0.01	18.81 0.91 -0.01	18.50 0.83 0.00	18.53 0.78 0.00	19.09 0.87 0.00	21.09 1.10 0.00	29.00 1.62 0.00	32.61 2.16 -0.02	31.03 2.00 -0.02	24.35 1.58 -0.23	22.84 1.43 -0.02	22.02 1.34 -0.02	20.98 1.26 -0.02	20.77 1.27 -0.01	20.75 1.23 0.00	21.91 1.36 0.00	27.13 1.75 -2.32	30.19 2.12 -0.84	33.20 2.65 -0.05	37.27 2.82 -0.02	36.86 2.92 -0.02	30.74 1.85 0.00	27.41 1.53 0.00	24.28 1.24 0.00
NARROWS_GT1_5 24232	19.91 1.11 -0.01	18.81 0.91 -0.01	18.50 0.83 0.00	18.53 0.78 0.00	19.09 0.87 0.00	21.09 1.10 0.00	29.00 1.62 0.00	32.61 2.16 -0.02	31.03 2.00 -0.02	24.35 1.58 -0.23	22.84 1.43 -0.02	22.02 1.34 -0.02	20.98 1.26 -0.02	20.77 1.27 -0.01	20.75 1.23 0.00	21.91 1.36 0.00	27.13 1.75 -2.32	30.19 2.12 -0.84	33.20 2.65 -0.05	37.27 2.82 -0.02	36.86 2.92 -0.02	30.74 1.85 0.00	27.41 1.53 0.00	24.28 1.24 0.00
NARROWS_GT1_6 24233	19.91 1.11 -0.01	18.81 0.91 -0.01	18.50 0.83 0.00	18.53 0.78 0.00	19.09 0.87 0.00	21.09 1.10 0.00	29.00 1.62 0.00	32.61 2.16 -0.02	31.03 2.00 -0.02	24.35 1.58 -0.23	22.84 1.43 -0.02	22.02 1.34 -0.02	20.98 1.26 -0.02	20.77 1.27 -0.01	20.75 1.23 0.00	21.91 1.36 0.00	27.13 1.75 -2.32	30.19 2.12 -0.84	33.20 2.65 -0.05	37.27 2.82 -0.02	36.86 2.92 -0.02	30.74 1.85 0.00	27.41 1.53 0.00	24.28 1.24 0.00
NARROWS_GT1_7 24234	19.91 1.11 -0.01	18.81 0.91 -0.01	18.50 0.83 0.00	18.53 0.78 0.00	19.09 0.87 0.00	21.09 1.10 0.00	29.00 1.62 0.00	32.61 2.16 -0.02	31.03 2.00 -0.02	24.35 1.58 -0.23	22.84 1.43 -0.02	22.02 1.34 -0.02	20.98 1.26 -0.02	20.77 1.27 -0.01	20.75 1.23 0.00	21.91 1.36 0.00	27.13 1.75 -2.32	30.19 2.12 -0.84	33.20 2.65 -0.05	37.27 2.82 -0.02	36.86 2.92 -0.02	30.74 1.85 0.00	27.41 1.53 0.00	24.28 1.24 0.00

NARROWS_GT1_8 24235	19.91 1.11 -0.01	18.81 0.91 -0.01	18.50 0.83 0.00	18.53 0.78 0.00	19.09 0.87 0.00	21.09 1.10 0.00	29.00 1.62 0.00	32.61 2.16 -0.02	31.03 2.00 -0.02	24.35 1.58 -0.23	22.84 1.43 -0.02	22.02 1.34 -0.02	20.98 1.26 -0.02	20.77 1.27 -0.01	20.75 1.23 0.00	21.91 1.36 0.00	27.13 1.75 -2.32	30.19 2.12 -0.84	33.20 2.65 -0.05	37.27 2.82 -0.02	36.86 2.92 -0.02	30.74 1.85 0.00	27.41 1.53 0.00	24.28 1.24 0.00
NARROWS_GT2_1 24236	19.91 1.11 -0.01	18.81 0.91 -0.01	18.50 0.83 0.00	18.53 0.78 0.00	19.09 0.87 0.00	21.09 1.10 0.00	29.00 1.62 0.00	32.61 2.16 -0.02	31.03 2.00 -0.02	24.35 1.58 -0.23	22.84 1.43 -0.02	22.02 1.34 -0.02	20.98 1.26 -0.02	20.77 1.27 -0.01	20.75 1.23 0.00	21.91 1.36 0.00	27.13 1.75 -2.32	30.19 2.12 -0.84	33.20 2.65 -0.05	37.27 2.82 -0.02	36.86 2.92 -0.02	30.74 1.85 0.00	27.41 1.53 0.00	24.28 1.24 0.00
NARROWS_GT2_2 24237	19.91 1.11 -0.01	18.81 0.91 -0.01	18.50 0.83 0.00	18.53 0.78 0.00	19.09 0.87 0.00	21.09 1.10 0.00	29.00 1.62 0.00	32.61 2.16 -0.02	31.03 2.00 -0.02	24.35 1.58 -0.23	22.84 1.43 -0.02	22.02 1.34 -0.02	20.98 1.26 -0.02	20.77 1.27 -0.01	20.75 1.23 0.00	21.91 1.36 0.00	27.13 1.75 -2.32	30.19 2.12 -0.84	33.20 2.65 -0.05	37.27 2.82 -0.02	36.86 2.92 -0.02	30.74 1.85 0.00	27.41 1.53 0.00	24.28 1.24 0.00
NARROWS_GT2_3 24238	19.91 1.11 -0.01	18.81 0.91 -0.01	18.50 0.83 0.00	18.53 0.78 0.00	19.09 0.87 0.00	21.09 1.10 0.00	29.00 1.62 0.00	32.61 2.16 -0.02	31.03 2.00 -0.02	24.35 1.58 -0.23	22.84 1.43 -0.02	22.02 1.34 -0.02	20.98 1.26 -0.02	20.77 1.27 -0.01	20.75 1.23 0.00	21.91 1.36 0.00	27.13 1.75 -2.32	30.19 2.12 -0.84	33.20 2.65 -0.05	37.27 2.82 -0.02	36.86 2.92 -0.02	30.74 1.85 0.00	27.41 1.53 0.00	24.28 1.24 0.00
NARROWS_GT2_4 24239	19.91 1.11 -0.01	18.81 0.91 -0.01	18.50 0.83 0.00	18.53 0.78 0.00	19.09 0.87 0.00	21.09 1.10 0.00	29.00 1.62 0.00	32.61 2.16 -0.02	31.03 2.00 -0.02	24.35 1.58 -0.23	22.84 1.43 -0.02	22.02 1.34 -0.02	20.98 1.26 -0.02	20.77 1.27 -0.01	20.75 1.23 0.00	21.91 1.36 0.00	27.13 1.75 -2.32	30.19 2.12 -0.84	33.20 2.65 -0.05	37.27 2.82 -0.02	36.86 2.92 -0.02	30.74 1.85 0.00	27.41 1.53 0.00	24.28 1.24 0.00
NARROWS_GT2_5 24240	19.91 1.11 -0.01	18.81 0.91 -0.01	18.50 0.83 0.00	18.53 0.78 0.00	19.09 0.87 0.00	21.09 1.10 0.00	29.00 1.62 0.00	32.61 2.16 -0.02	31.03 2.00 -0.02	24.35 1.58 -0.23	22.84 1.43 -0.02	22.02 1.34 -0.02	20.98 1.26 -0.02	20.77 1.27 -0.01	20.75 1.23 0.00	21.91 1.36 0.00	27.13 1.75 -2.32	30.19 2.12 -0.84	33.20 2.65 -0.05	37.27 2.82 -0.02	36.86 2.92 -0.02	30.74 1.85 0.00	27.41 1.53 0.00	24.28 1.24 0.00
NARROWS_GT2_6 24241	19.91 1.11 -0.01	18.81 0.91 -0.01	18.50 0.83 0.00	18.53 0.78 0.00	19.09 0.87 0.00	21.09 1.10 0.00	29.00 1.62 0.00	32.61 2.16 -0.02	31.03 2.00 -0.02	24.35 1.58 -0.23	22.84 1.43 -0.02	22.02 1.34 -0.02	20.98 1.26 -0.02	20.77 1.27 -0.01	20.75 1.23 0.00	21.91 1.36 0.00	27.13 1.75 -2.32	30.19 2.12 -0.84	33.20 2.65 -0.05	37.27 2.82 -0.02	36.86 2.92 -0.02	30.74 1.85 0.00	27.41 1.53 0.00	24.28 1.24 0.00
NARROWS_GT2_7 24242	19.91 1.11 -0.01	18.81 0.91 -0.01	18.50 0.83 0.00	18.53 0.78 0.00	19.09 0.87 0.00	21.09 1.10 0.00	29.00 1.62 0.00	32.61 2.16 -0.02	31.03 2.00 -0.02	24.35 1.58 -0.23	22.84 1.43 -0.02	22.02 1.34 -0.02	20.98 1.26 -0.02	20.77 1.27 -0.01	20.75 1.23 0.00	21.91 1.36 0.00	27.13 1.75 -2.32	30.19 2.12 -0.84	33.20 2.65 -0.05	37.27 2.82 -0.02	36.86 2.92 -0.02	30.74 1.85 0.00	27.41 1.53 0.00	24.28 1.24 0.00
NARROWS_GT2_8 24243	19.91 1.11 -0.01	18.81 0.91 -0.01	18.50 0.83 0.00	18.53 0.78 0.00	19.09 0.87 0.00	21.09 1.10 0.00	29.00 1.62 0.00	32.61 2.16 -0.02	31.03 2.00 -0.02	24.35 1.58 -0.23	22.84 1.43 -0.02	22.02 1.34 -0.02	20.98 1.26 -0.02	20.77 1.27 -0.01	20.75 1.23 0.00	21.91 1.36 0.00	27.13 1.75 -2.32	30.19 2.12 -0.84	33.20 2.65 -0.05	37.27 2.82 -0.02	36.86 2.92 -0.02	30.74 1.85 0.00	27.41 1.53 0.00	24.28 1.24 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	19.64 0.85 0.00	18.66 0.77 0.00	18.39 0.72 0.00	18.50 0.75 0.00	19.04 0.82 0.00	20.93 0.94 0.00	28.86 1.48 0.00	32.17 1.73 0.00	30.38 1.36 0.00	23.31 0.77 0.00	22.10 0.71 0.00	21.24 0.58 0.00	20.22 0.51 0.00	20.04 0.55 0.00	20.10 0.59 0.00	21.19 0.64 0.00	23.87 0.81 0.00	28.26 1.03 0.00	32.05 1.56 0.00	36.36 1.93 0.00	35.93 2.00 0.00	30.30 1.42 0.00	26.91 1.04 0.00	23.98 0.94 0.00
NCHELSEA_115KV_TR2 355582	19.60 0.81 0.00	18.56 0.66 0.00	18.25 0.58 0.00	18.34 0.59 0.00	18.88 0.66 0.00	20.79 0.80 0.00	28.59 1.20 0.00	32.02 1.58 0.00	30.46 1.45 0.00	23.60 1.06 0.00	22.38 0.98 0.00	21.53 0.87 0.00	20.47 0.77 0.00	20.27 0.78 0.00	20.30 0.78 0.00	21.44 0.88 0.00	24.19 1.13 0.00	28.61 1.39 0.00	32.33 1.83 0.00	36.53 2.10 0.00	36.14 2.21 0.00	30.25 1.36 0.00	26.89 1.01 0.00	23.84 0.81 0.00
NEG CAPITAL___MECHNVIL 23645	19.43 0.64 0.00	18.47 0.57 0.00	18.22 0.55 0.00	18.28 0.53 0.00	18.82 0.60 0.00	20.71 0.72 0.00	28.48 1.10 0.00	31.81 1.37 0.00	30.14 1.13 0.00	23.29 0.74 0.00	22.08 0.68 0.00	21.26 0.60 0.00	20.28 0.57 0.00	20.07 0.58 0.00	20.12 0.61 0.00	21.17 0.62 0.00	23.85 0.78 0.00	28.17 0.95 0.00	31.90 1.40 0.00	36.12 1.69 0.00	35.66 1.73 0.00	30.05 1.16 0.00	26.71 0.83 0.00	23.75 0.71 0.00
NEG CENTRAL_HIGH_ACRES 23767	18.15 -0.64 0.00	17.48 -0.41 0.00	17.28 -0.39 0.00	17.38 -0.37 0.00	17.84 -0.38 0.00	19.41 -0.58 0.00	26.35 -1.04 0.00	29.01 -1.43 0.00	27.56 -1.45 0.00	21.75 -0.79 0.00	20.84 -0.56 0.00	20.15 -0.52 0.00	19.13 -0.57 0.00	18.92 -0.57 0.00	18.97 -0.55 0.00	19.91 -0.64 0.00	22.07 -0.99 0.00	25.97 -1.25 0.00	29.16 -1.34 0.00	33.02 -1.41 0.00	32.47 -1.46 0.00	27.44 -1.44 0.00	24.72 -1.16 0.00	22.21 -0.83 0.00
NEG CENTRAL___DRP 24199	19.26 0.47 0.00	18.45 0.55 0.00	18.29 0.62 0.00	18.41 0.66 0.00	18.84 0.62 0.00	20.67 0.68 0.00	28.43 1.04 0.00	31.35 0.91 0.00	29.83 0.81 0.00	22.77 0.23 0.00	21.57 0.17 0.00	20.91 0.25 0.00	19.92 0.22 0.00	19.70 0.21 0.00	19.71 0.20 0.00	20.74 0.18 0.00	23.11 0.05 0.00	27.25 0.03 0.00	30.71 0.21 0.00	34.78 0.34 0.00	34.20 0.27 0.00	28.98 0.09 0.00	26.03 0.16 0.00	23.27 0.23 0.00
NEG CENTRAL___INDECK 23768	19.43 0.64 0.00	18.73 0.84 0.00	18.55 0.88 0.00	18.67 0.92 0.00	19.19 0.97 0.00	20.91 0.92 0.00	28.56 1.18 0.00	31.41 0.97 0.00	29.51 0.49 0.00	22.83 0.29 0.00	21.72 0.32 0.00	20.99 0.33 0.00	19.96 0.26 0.00	19.71 0.21 0.00	19.75 0.24 0.00	20.78 0.23 0.00	23.13 0.07 0.00	27.36 0.14 0.00	31.11 0.61 0.00	35.57 1.13 0.00	35.02 1.09 0.00	29.47 0.58 0.00	26.45 0.57 0.00	23.73 0.69 0.00



NEG CENTRAL___SENECA 23627	19.58 0.79 0.00	18.77 0.88 0.00	18.62 0.95 0.00	18.76 1.01 0.00	19.20 0.98 0.00	21.09 1.10 0.00	29.00 1.62 0.00	31.93 1.49 0.00	30.41 1.39 0.00	22.88 0.34 0.00	21.67 0.28 0.00	21.04 0.37 0.00	20.02 0.32 0.00	19.78 0.29 0.00	19.79 0.27 0.00	20.80 0.25 0.00	23.15 0.09 0.00	27.33 0.11 0.00	30.83 0.34 0.00	34.91 0.48 0.00	34.30 0.37 0.00	29.03 0.14 0.00	26.09 0.21 0.00	23.36 0.32 0.00
NEG CENTRAL___STATE_STREET 24147	18.98 0.19 0.00	18.14 0.25 0.00	17.95 0.28 0.00	18.07 0.32 0.00	18.51 0.29 0.00	20.27 0.28 0.00	27.82 0.44 0.00	30.83 0.40 0.00	29.25 0.23 0.00	22.79 0.25 0.00	21.59 0.19 0.00	20.93 0.27 0.00	19.96 0.26 0.00	19.74 0.25 0.00	19.75 0.23 0.00	20.78 0.23 0.00	23.20 0.14 0.00	27.36 0.14 0.00	30.77 0.27 0.00	34.88 0.45 0.00	34.37 0.44 0.00	29.06 0.17 0.00	26.09 0.21 0.00	23.29 0.25 0.00
NEG MILLWOOD___DRP 24198	19.64 0.85 0.00	18.59 0.70 0.00	18.30 0.64 0.00	18.39 0.64 0.00	18.91 0.69 0.00	20.81 0.82 0.00	28.67 1.29 0.00	32.17 1.73 0.00	30.61 1.60 0.00	23.69 1.15 0.00	22.46 1.07 0.00	21.59 0.93 0.00	20.53 0.83 0.00	20.33 0.84 0.00	20.34 0.82 0.00	21.48 0.92 0.00	24.26 1.20 0.00	28.72 1.50 0.00	32.45 1.95 0.00	36.74 2.31 0.00	36.37 2.44 0.00	30.42 1.53 0.00	26.97 1.09 0.00	23.87 0.83 0.00
NEG NORTH_FLCN_SEA 23793	18.32 -0.47 0.00	17.46 -0.43 0.00	17.28 -0.39 0.00	17.38 -0.37 0.00	17.82 -0.40 0.00	19.55 -0.44 0.00	26.89 -0.49 0.00	29.89 -0.55 0.00	28.61 -0.41 0.00	22.14 -0.41 0.00	20.99 -0.41 0.00	20.21 -0.45 0.00	19.39 -0.32 0.00	19.12 -0.37 0.00	19.19 -0.33 0.00	20.31 -0.25 0.00	22.76 -0.30 0.00	27.03 -0.19 0.00	30.01 -0.49 0.00	33.95 -0.48 0.00	33.25 -0.68 0.00	28.60 -0.29 0.00	25.70 -0.18 0.00	22.81 -0.23 0.00
NEG NORTH_KES_CHATEGAY 23792	18.17 -0.62 0.00	17.32 -0.57 0.00	17.12 -0.55 0.00	17.22 -0.53 0.00	17.66 -0.56 0.00	19.37 -0.62 0.00	26.62 -0.77 0.00	29.61 -0.82 0.00	28.35 -0.67 0.00	21.91 -0.63 0.00	20.77 -0.62 0.00	20.00 -0.66 0.00	19.17 -0.53 0.00	18.93 -0.57 0.00	18.99 -0.53 0.00	20.08 -0.47 0.00	22.53 -0.53 0.00	26.81 -0.41 0.00	29.73 -0.76 0.00	33.64 -0.79 0.00	32.98 -0.95 0.00	28.40 -0.49 0.00	25.49 -0.39 0.00	22.65 -0.39 0.00
NEG NORTH___ALICE_FALLS 23915	18.34 -0.45 0.00	17.48 -0.41 0.00	17.28 -0.39 0.00	17.38 -0.37 0.00	17.82 -0.40 0.00	19.55 -0.44 0.00	26.92 -0.47 0.00	29.95 -0.49 0.00	28.67 -0.35 0.00	22.16 -0.38 0.00	21.01 -0.39 0.00	20.23 -0.43 0.00	19.41 -0.30 0.00	19.14 -0.35 0.00	19.21 -0.31 0.00	20.33 -0.23 0.00	22.81 -0.25 0.00	27.11 -0.11 0.00	30.10 -0.40 0.00	34.05 -0.38 0.00	33.32 -0.61 0.00	28.63 -0.26 0.00	25.72 -0.16 0.00	22.85 -0.18 0.00
NEG NORTH___LWR_SARANAC 23913	18.34 -0.45 0.00	17.48 -0.41 0.00	17.28 -0.39 0.00	17.38 -0.37 0.00	17.82 -0.40 0.00	19.55 -0.44 0.00	26.92 -0.47 0.00	29.95 -0.49 0.00	28.67 -0.35 0.00	22.16 -0.38 0.00	21.01 -0.39 0.00	20.23 -0.43 0.00	19.41 -0.30 0.00	19.14 -0.35 0.00	19.21 -0.31 0.00	20.33 -0.23 0.00	22.81 -0.25 0.00	27.11 -0.11 0.00	30.10 -0.40 0.00	34.05 -0.38 0.00	33.32 -0.61 0.00	28.63 -0.26 0.00	25.72 -0.16 0.00	22.85 -0.18 0.00
NEG NORTH___PLATTSBURG 23628	18.34 -0.45 0.00	17.46 -0.43 0.00	17.28 -0.39 0.00	17.38 -0.37 0.00	17.82 -0.40 0.00	19.55 -0.44 0.00	26.92 -0.47 0.00	29.92 -0.52 0.00	28.67 -0.35 0.00	22.16 -0.38 0.00	21.01 -0.38 0.00	20.23 -0.43 0.00	19.41 -0.30 0.00	19.14 -0.35 0.00	19.21 -0.31 0.00	20.33 -0.23 0.00	22.81 -0.25 0.00	27.11 -0.11 0.00	30.10 -0.40 0.00	34.05 -0.38 0.00	33.32 -0.61 0.00	28.63 -0.26 0.00	25.72 -0.15 0.00	22.85 -0.19 0.00
NEG WEST_LEA_LOCKPORT 23791	18.13 -0.66 0.00	17.70 -0.20 0.00	17.60 -0.07 0.00	17.71 -0.04 0.00	18.00 -0.22 0.00	19.49 -0.50 0.00	25.88 -1.51 0.00	27.94 -2.50 0.00	26.46 -2.55 0.00	21.24 -1.31 0.00	20.18 -1.22 0.00	19.84 -0.83 0.00	18.76 -0.95 0.00	18.54 -0.96 0.00	18.60 -0.92 0.00	19.48 -1.07 0.00	21.22 -1.84 0.00	24.93 -2.29 0.00	27.93 -2.56 0.00	31.68 -2.75 0.00	31.05 -2.88 0.00	26.23 -2.66 0.00	23.89 -1.99 0.00	21.82 -1.22 0.00
NEG WEST___LANCASTR 23811	19.09 0.30 0.00	18.57 0.68 0.00	18.43 0.76 0.00	18.57 0.82 0.00	18.88 0.66 0.00	20.51 0.52 0.00	27.39 0.00 0.00	29.52 -0.91 0.00	28.09 -0.93 0.00	22.54 0.00 0.00	21.42 0.02 0.00	20.95 0.29 0.00	19.84 0.14 0.00	19.61 0.12 0.00	19.66 0.14 0.00	20.59 0.04 0.00	22.53 -0.53 0.00	26.40 -0.82 0.00	29.61 -0.88 0.00	33.64 -0.79 0.00	32.95 -0.98 0.00	27.82 -1.07 0.00	25.36 -0.52 0.00	23.15 0.12 0.00
NEG_PENN_ALLEGHNY 23528	19.13 0.34 0.00	18.31 0.41 0.00	18.07 0.41 0.00	18.18 0.43 0.00	18.66 0.44 0.00	20.45 0.46 0.00	27.93 0.55 0.00	30.92 0.49 0.00	29.42 0.41 0.00	22.90 0.36 0.00	21.76 0.36 0.00	21.02 0.35 0.00	20.02 0.31 0.00	19.80 0.31 0.00	19.83 0.31 0.00	20.84 0.29 0.00	23.29 0.23 0.00	27.44 0.22 0.00	30.86 0.37 0.00	34.98 0.55 0.00	34.40 0.47 0.00	29.12 0.23 0.00	26.16 0.29 0.00	23.38 0.35 0.00
NEG___GEN_MONROE 24207	18.49 -0.30 0.00	17.89 0.00 0.00	17.79 0.12 0.00	17.91 0.16 0.00	18.27 0.05 0.00	19.89 -0.10 0.00	26.87 -0.52 0.00	29.43 -1.00 0.00	27.91 -1.10 0.00	22.00 -0.54 0.00	20.88 -0.51 0.00	20.35 -0.31 0.00	19.31 -0.39 0.00	19.14 -0.35 0.00	19.17 -0.35 0.00	20.10 -0.45 0.00	22.14 -0.92 0.00	26.05 -1.17 0.00	29.31 -1.19 0.00	33.23 -1.21 0.00	32.64 -1.29 0.00	27.59 -1.30 0.00	24.95 -0.93 0.00	22.58 -0.46 0.00
NEPA___ENERGY 23901	18.83 0.04 0.00	18.31 0.41 0.00	18.18 0.51 0.00	18.32 0.57 0.00	18.60 0.38 0.00	20.21 0.22 0.00	26.98 -0.41 0.00	29.16 -1.28 0.00	27.24 -1.77 0.00	21.84 -0.70 0.00	20.77 -0.62 0.00	20.37 -0.29 0.00	19.27 -0.43 0.00	19.02 -0.47 0.00	19.09 -0.43 0.00	19.98 -0.58 0.00	21.79 -1.27 0.00	25.59 -1.63 0.00	28.73 -1.77 0.00	32.68 -1.76 0.00	32.03 -1.90 0.00	27.04 -1.85 0.00	24.59 -1.29 0.00	22.46 -0.58 0.00
NEVERSINK___HYD 23608	19.65 0.86 0.00	18.61 0.72 0.00	18.34 0.67 0.00	18.42 0.67 0.00	18.93 0.71 0.00	20.87 0.88 0.00	28.75 1.37 0.00	32.23 1.80 0.00	30.67 1.65 0.00	23.76 1.22 0.00	22.51 1.11 0.00	21.68 1.01 0.00	20.57 0.87 0.00	20.37 0.88 0.00	20.40 0.88 0.00	21.54 0.99 0.00	24.33 1.27 0.00	28.80 1.58 0.00	32.57 2.07 0.00	36.88 2.44 0.00	36.44 2.51 0.00	30.51 1.62 0.00	27.15 1.27 0.00	24.08 1.04 0.00
NEWKRMKL_115KV_TB1 55635	19.41 0.62 0.00	18.43 0.54 0.00	18.16 0.49 0.00	18.23 0.48 0.00	18.77 0.55 0.00	20.65 0.66 0.00	28.32 0.93 0.00	31.62 1.19 0.00	30.00 0.99 0.00	23.22 0.68 0.00	22.06 0.66 0.00	21.26 0.60 0.00	20.27 0.57 0.00	20.08 0.58 0.00	20.10 0.59 0.00	21.17 0.62 0.00	23.82 0.76 0.00	28.09 0.87 0.00	31.78 1.28 0.00	35.88 1.45 0.00	35.42 1.49 0.00	29.87 0.98 0.00	26.58 0.70 0.00	23.66 0.62 0.00

NEWTON___FALLS_HYD 23847	17.94 -0.85 0.00	17.07 -0.82 0.00	16.85 -0.81 0.00	16.93 -0.82 0.00	17.40 -0.82 0.00	19.09 -0.90 0.00	26.29 -1.10 0.00	29.28 -1.16 0.00	27.80 -1.22 0.00	21.44 -1.10 0.00	20.28 -1.11 0.00	19.59 -1.07 0.00	18.70 -1.00 0.00	18.48 -1.01 0.00	18.48 -1.03 0.00	19.57 -0.99 0.00	22.05 -1.01 0.00	26.16 -1.06 0.00	29.46 -1.04 0.00	33.57 -0.86 0.00	32.95 -0.98 0.00	28.20 -0.69 0.00	25.23 -0.65 0.00	22.37 -0.67 0.00
NGRID_A1_DSASP 323792	17.98 -0.81 0.00	17.57 -0.32 0.00	17.33 -0.34 0.00	17.45 -0.30 0.00	17.89 -0.33 0.00	19.29 -0.70 0.00	25.44 -1.94 0.00	27.36 -3.07 0.00	25.97 -3.05 0.00	20.85 -1.69 0.00	20.15 -1.24 0.00	19.51 -1.16 0.00	18.44 -1.26 0.00	18.22 -1.27 0.00	18.29 -1.23 0.00	19.15 -1.40 0.00	20.89 -2.17 0.00	24.50 -2.72 0.00	27.42 -3.08 0.00	31.02 -3.41 0.00	30.40 -3.53 0.00	25.74 -3.15 0.00	23.45 -2.43 0.00	21.45 -1.59 0.00
NGRID_A2_DSASP 323793	17.98 -0.81 0.00	17.57 -0.32 0.00	17.33 -0.34 0.00	17.45 -0.30 0.00	17.89 -0.33 0.00	19.29 -0.70 0.00	25.44 -1.94 0.00	27.36 -3.07 0.00	25.97 -3.05 0.00	20.85 -1.69 0.00	20.15 -1.24 0.00	19.51 -1.16 0.00	18.44 -1.26 0.00	18.22 -1.27 0.00	18.29 -1.23 0.00	19.15 -1.40 0.00	20.89 -2.17 0.00	24.50 -2.72 0.00	27.42 -3.08 0.00	31.02 -3.41 0.00	30.40 -3.53 0.00	25.74 -3.15 0.00	23.45 -2.43 0.00	21.45 -1.59 0.00
NGRID_A4_DSASP 323807	17.98 -0.81 0.00	17.57 -0.32 0.00	17.33 -0.34 0.00	17.45 -0.30 0.00	17.89 -0.33 0.00	19.29 -0.70 0.00	25.44 -1.94 0.00	27.36 -3.07 0.00	25.97 -3.05 0.00	20.85 -1.69 0.00	20.15 -1.24 0.00	19.51 -1.16 0.00	18.44 -1.26 0.00	18.22 -1.27 0.00	18.29 -1.23 0.00	19.15 -1.40 0.00	20.89 -2.17 0.00	24.50 -2.72 0.00	27.42 -3.08 0.00	31.02 -3.41 0.00	30.40 -3.53 0.00	25.74 -3.15 0.00	23.45 -2.43 0.00	21.45 -1.59 0.00
NIAGARA_115E_LBMP 323715	17.93 -0.86 0.00	17.54 -0.36 0.00	17.28 -0.39 0.00	17.41 -0.34 0.00	17.84 -0.38 0.00	19.25 -0.74 0.00	25.41 -1.97 0.00	27.33 -3.10 0.00	25.94 -3.08 0.00	20.81 -1.74 0.00	20.11 -1.28 0.00	19.47 -1.20 0.00	18.40 -1.30 0.00	18.18 -1.31 0.00	18.25 -1.27 0.00	19.11 -1.44 0.00	20.85 -2.21 0.00	24.44 -2.78 0.00	27.39 -3.11 0.00	30.99 -3.44 0.00	30.40 -3.53 0.00	25.71 -3.18 0.00	23.39 -2.48 0.00	21.40 -1.64 0.00
NIAGARA_115W_LBMP 323714	17.94 -0.85 0.00	17.54 -0.36 0.00	17.30 -0.37 0.00	17.41 -0.34 0.00	17.86 -0.36 0.00	19.25 -0.74 0.00	25.39 -2.00 0.00	27.30 -3.13 0.00	25.91 -3.10 0.00	20.81 -1.74 0.00	20.11 -1.28 0.00	19.47 -1.20 0.00	18.40 -1.30 0.00	18.18 -1.31 0.00	18.25 -1.27 0.00	19.11 -1.44 0.00	20.85 -2.21 0.00	24.44 -2.78 0.00	27.36 -3.14 0.00	30.96 -3.48 0.00	30.33 -3.60 0.00	25.68 -3.21 0.00	23.39 -2.48 0.00	21.40 -1.64 0.00
NIAGARA_230_LBMP 323716	18.11 -0.68 0.00	17.68 -0.21 0.00	17.44 -0.23 0.00	17.56 -0.19 0.00	18.00 -0.22 0.00	19.43 -0.56 0.00	25.66 -1.72 0.00	27.64 -2.80 0.00	26.23 -2.79 0.00	21.03 -1.51 0.00	20.33 -1.07 0.00	19.67 -0.99 0.00	18.60 -1.10 0.00	18.40 -1.09 0.00	18.44 -1.07 0.00	19.32 -1.23 0.00	21.10 -1.96 0.00	24.74 -2.48 0.00	27.69 -2.81 0.00	31.30 -3.13 0.00	30.71 -3.22 0.00	26.00 -2.89 0.00	23.68 -2.20 0.00	21.63 -1.41 0.00
NIAGARA___115KV_198_GIBSON 55903	17.81 -0.98 0.00	17.39 -0.50 0.00	17.30 -0.37 0.00	17.41 -0.34 0.00	17.69 -0.53 0.00	19.15 -0.84 0.00	25.36 -2.03 0.00	27.33 -3.10 0.00	25.91 -3.10 0.00	20.81 -1.74 0.00	19.79 -1.60 0.00	19.47 -1.20 0.00	18.40 -1.30 0.00	18.18 -1.31 0.00	18.25 -1.27 0.00	19.11 -1.44 0.00	20.80 -2.26 0.00	24.42 -2.80 0.00	27.32 -3.17 0.00	30.92 -3.51 0.00	30.33 -3.60 0.00	25.65 -3.24 0.00	23.39 -2.48 0.00	21.40 -1.64 0.00
NIAGARA____ 23760	18.11 -0.68 0.00	17.68 -0.21 0.00	17.44 -0.23 0.00	17.56 -0.19 0.00	18.00 -0.22 0.00	19.43 -0.56 0.00	25.66 -1.72 0.00	27.64 -2.80 0.00	26.23 -2.79 0.00	21.03 -1.51 0.00	20.33 -1.07 0.00	19.67 -0.99 0.00	18.60 -1.10 0.00	18.40 -1.09 0.00	18.44 -1.07 0.00	19.32 -1.23 0.00	21.10 -1.96 0.00	24.74 -2.48 0.00	27.69 -2.81 0.00	31.30 -3.13 0.00	30.71 -3.22 0.00	26.00 -2.89 0.00	23.68 -2.20 0.00	21.63 -1.41 0.00
NINE_MILE_1 23575	18.41 -0.38 0.00	17.61 -0.29 0.00	17.40 -0.26 0.00	17.48 -0.27 0.00	17.93 -0.29 0.00	19.61 -0.38 0.00	26.81 -0.58 0.00	29.71 -0.73 0.00	28.26 -0.75 0.00	22.03 -0.52 0.00	20.94 -0.45 0.00	20.25 -0.41 0.00	19.31 -0.39 0.00	19.10 -0.39 0.00	19.13 -0.39 0.00	20.10 -0.45 0.00	22.46 -0.60 0.00	26.49 -0.73 0.00	29.74 -0.76 0.00	33.60 -0.83 0.00	33.12 -0.81 0.00	28.14 -0.75 0.00	25.36 -0.52 0.00	22.62 -0.41 0.00
NINE_MILE_2 23744	18.43 -0.36 0.00	17.61 -0.29 0.00	17.40 -0.26 0.00	17.50 -0.25 0.00	17.93 -0.29 0.00	19.61 -0.38 0.00	26.81 -0.58 0.00	29.71 -0.73 0.00	28.26 -0.75 0.00	22.03 -0.52 0.00	20.94 -0.45 0.00	20.25 -0.41 0.00	19.31 -0.39 0.00	19.10 -0.39 0.00	19.13 -0.39 0.00	20.10 -0.45 0.00	22.49 -0.58 0.00	26.49 -0.73 0.00	29.74 -0.76 0.00	33.64 -0.79 0.00	33.12 -0.81 0.00	28.14 -0.75 0.00	25.36 -0.52 0.00	22.62 -0.41 0.00
NM_CAPITAL___DRP 24208	19.34 0.54 0.00	18.38 0.48 0.00	18.09 0.42 0.00	18.16 0.41 0.00	18.69 0.47 0.00	20.57 0.58 0.00	28.18 0.79 0.00	31.47 1.03 0.00	29.86 0.84 0.00	23.11 0.56 0.00	21.95 0.56 0.00	21.18 0.52 0.00	20.18 0.47 0.00	19.98 0.49 0.00	20.01 0.49 0.00	21.07 0.51 0.00	23.71 0.65 0.00	27.98 0.76 0.00	31.62 1.13 0.00	35.67 1.24 0.00	35.22 1.29 0.00	29.73 0.84 0.00	26.45 0.57 0.00	23.54 0.51 0.00
NM_CENTRAL___DRP 24181	18.73 -0.06 0.00	17.89 0.00 0.00	17.72 0.05 0.00	17.82 0.07 0.00	18.26 0.04 0.00	19.99 0.00 0.00	27.36 -0.03 0.00	30.28 -0.15 0.00	28.78 -0.23 0.00	22.47 -0.07 0.00	21.35 -0.04 0.00	20.68 0.02 0.00	19.74 0.04 0.00	19.51 0.02 0.00	19.54 0.02 0.00	20.53 -0.02 0.00	22.92 -0.14 0.00	26.98 -0.24 0.00	30.28 -0.21 0.00	34.29 -0.14 0.00	33.73 -0.20 0.00	28.66 -0.23 0.00	25.83 -0.05 0.00	23.04 0.00 0.00
NM_FRONTIER___DRP 24179	17.81 -0.98 0.00	17.39 -0.50 0.00	17.30 -0.37 0.00	17.41 -0.34 0.00	17.69 -0.53 0.00	19.15 -0.84 0.00	25.36 -2.03 0.00	27.33 -3.10 0.00	25.91 -3.10 0.00	20.81 -1.74 0.00	19.79 -1.60 0.00	19.47 -1.20 0.00	18.40 -1.30 0.00	18.18 -1.31 0.00	18.25 -1.27 0.00	19.11 -1.44 0.00	20.80 -2.26 0.00	24.42 -2.80 0.00	27.32 -3.17 0.00	30.92 -3.51 0.00	30.33 -3.60 0.00	25.65 -3.24 0.00	23.39 -2.48 0.00	21.40 -1.64 0.00
NM_ST_REGIS___HYD 24053	17.87 -0.92 0.00	17.00 -0.89 0.00	16.80 -0.87 0.00	16.88 -0.87 0.00	17.35 -0.87 0.00	19.03 -0.96 0.00	26.24 -1.15 0.00	29.19 -1.25 0.00	27.91 -1.10 0.00	21.60 -0.95 0.00	20.43 -0.96 0.00	19.71 -0.95 0.00	18.86 -0.85 0.00	18.61 -0.88 0.00	18.66 -0.86 0.00	19.69 -0.86 0.00	22.16 -0.90 0.00	26.27 -0.95 0.00	29.19 -1.31 0.00	33.05 -1.38 0.00	32.40 -1.53 0.00	27.94 -0.95 0.00	25.03 -0.85 0.00	22.21 -0.83 0.00

NORTHPORT___1 23551	20.21 1.24 -0.18	18.84 0.95 0.00	18.51 0.85 0.00	18.58 0.83 0.00	19.15 0.93 0.00	21.21 1.22 0.00	29.14 1.75 0.00	32.26 1.83 0.00	30.55 1.54 0.00	24.00 1.46 0.01	22.66 1.26 0.00	21.76 1.09 0.00	20.73 1.02 0.00	20.54 1.05 0.00	20.53 1.01 0.00	21.74 1.19 0.00	24.54 1.57 0.09	29.41 2.04 -0.15	32.94 2.44 0.00	36.91 2.48 0.00	36.58 2.65 0.00	32.03 1.76 -1.38	27.35 1.47 0.00	24.21 1.17 0.00
NORTHPORT___2 23552	20.21 1.24 -0.18	18.84 0.95 0.00	18.51 0.85 0.00	18.58 0.83 0.00	19.15 0.93 0.00	21.21 1.22 0.00	29.14 1.75 0.00	32.26 1.83 0.00	30.55 1.54 0.00	24.00 1.46 0.01	22.66 1.26 0.00	21.76 1.09 0.00	20.73 1.02 0.00	20.54 1.05 0.00	20.53 1.01 0.00	21.74 1.19 0.00	24.54 1.57 0.09	29.41 2.04 -0.15	32.94 2.44 0.00	36.91 2.48 0.00	36.58 2.65 0.00	32.03 1.76 -1.38	27.35 1.47 0.00	24.21 1.17 0.00
NORTHPORT___3 23553	20.36 1.39 -0.18	19.00 1.11 0.00	18.69 1.02 0.00	18.74 0.99 0.00	19.31 1.09 0.00	21.37 1.38 0.00	29.41 2.03 0.00	32.84 2.40 0.00	31.13 2.12 0.00	24.31 1.78 0.01	22.96 1.56 0.00	22.09 1.42 0.00	21.00 1.30 0.00	20.83 1.34 0.00	20.85 1.33 0.00	22.05 1.50 0.00	24.89 1.91 0.09	29.79 2.42 -0.15	33.45 2.96 0.00	37.67 3.24 0.00	37.33 3.39 -0.01	32.52 2.25 -1.38	27.69 1.81 0.00	24.51 1.48 0.00
NORTHPORT___4 23650	20.36 1.39 -0.18	19.00 1.11 0.00	18.69 1.02 0.00	18.74 0.99 0.00	19.31 1.09 0.00	21.37 1.38 0.00	29.41 2.03 0.00	32.84 2.40 0.00	31.13 2.12 0.00	24.31 1.78 0.01	22.96 1.56 0.00	22.09 1.42 0.00	21.00 1.30 0.00	20.83 1.34 0.00	20.85 1.33 0.00	22.05 1.50 0.00	24.89 1.91 0.09	29.79 2.42 -0.15	33.45 2.96 0.00	37.67 3.24 0.00	37.33 3.39 -0.01	32.52 2.25 -1.38	27.69 1.81 0.00	24.51 1.48 0.00
NORTHPORT___IC 23718	20.21 1.24 -0.18	18.86 0.97 0.00	18.52 0.85 0.00	18.58 0.83 0.00	19.17 0.95 0.00	21.21 1.22 0.00	29.08 1.70 0.00	32.14 1.70 0.00	30.58 1.57 0.00	24.02 1.49 0.01	22.85 1.45 0.00	21.76 1.10 0.00	20.73 1.02 0.00	20.52 1.03 0.00	20.53 1.01 0.00	21.74 1.19 0.00	24.56 1.59 0.09	29.41 2.04 -0.15	32.93 2.44 0.00	36.94 2.51 0.00	36.58 2.65 0.00	32.06 1.79 -1.38	27.33 1.45 0.00	24.24 1.20 0.00
NORTH___COUNTRY_ESR 323785	18.11 -0.68 0.00	17.25 -0.64 0.00	17.07 -0.60 0.00	17.17 -0.59 0.00	17.58 -0.64 0.00	19.31 -0.68 0.00	26.54 -0.85 0.00	29.49 -0.94 0.00	28.26 -0.75 0.00	21.87 -0.68 0.00	20.73 -0.66 0.00	19.98 -0.68 0.00	19.13 -0.57 0.00	18.91 -0.58 0.00	18.97 -0.55 0.00	20.06 -0.49 0.00	22.49 -0.58 0.00	26.73 -0.49 0.00	29.61 -0.89 0.00	33.50 -0.93 0.00	32.84 -1.09 0.00	28.28 -0.61 0.00	25.41 -0.47 0.00	22.58 -0.46 0.00
NPX_GEN_1385_PROXY 323591	20.16 1.18 -0.18	18.79 0.89 0.00	18.46 0.80 0.00	18.53 0.78 0.00	19.08 0.86 0.00	22.26 1.22 -1.05	28.09 1.75 1.05	32.17 1.73 0.00	29.75 1.42 0.68	24.50 1.28 -0.67	22.38 0.98 0.00	21.51 0.85 0.00	20.49 0.79 0.00	20.31 0.82 0.00	20.30 0.78 0.00	21.44 0.88 0.00	24.22 1.24 0.09	29.00 1.63 -0.15	32.54 2.04 0.00	36.15 1.72 0.00	35.34 1.97 0.56	32.07 1.24 -1.94	26.94 1.06 0.00	23.96 0.92 0.00
NPX_GEN_CSC 323557	20.72 1.75 -0.18	19.31 1.41 0.00	18.96 1.29 0.00	19.03 1.28 0.00	19.62 1.40 0.00	22.76 1.72 -1.05	28.69 2.36 1.05	32.78 2.34 0.00	29.98 1.65 0.68	24.86 1.64 -0.67	22.83 1.43 0.00	21.82 1.16 0.00	20.90 1.20 0.00	20.60 1.11 0.00	20.49 0.98 0.00	21.76 1.21 0.00	24.68 1.71 0.09	29.52 2.15 -0.15	33.57 3.08 0.00	37.42 2.99 0.00	36.60 3.23 0.56	33.14 2.31 -1.94	27.59 1.71 0.00	24.49 1.45 0.00
NSINS_S_GLNS_FALLS 23858	19.50 0.71 0.00	18.54 0.64 0.00	18.27 0.60 0.00	18.35 0.60 0.00	18.93 0.71 0.00	20.83 0.84 0.00	28.73 1.34 0.00	32.08 1.64 0.00	30.44 1.42 0.00	23.44 0.90 0.00	22.23 0.83 0.00	21.35 0.68 0.00	20.35 0.65 0.00	20.15 0.66 0.00	20.20 0.68 0.00	21.27 0.72 0.00	23.98 0.92 0.00	28.31 1.09 0.00	32.11 1.62 0.00	36.46 2.03 0.00	36.07 2.14 0.00	30.28 1.39 0.00	26.89 1.01 0.00	23.89 0.85 0.00
NUCOR_STEEL___DRP 24197	19.00 0.21 0.00	18.16 0.27 0.00	17.99 0.32 0.00	18.11 0.36 0.00	18.53 0.31 0.00	20.31 0.32 0.00	27.85 0.47 0.00	30.86 0.43 0.00	29.25 0.23 0.00	22.81 0.27 0.00	21.61 0.21 0.00	20.95 0.29 0.00	19.98 0.28 0.00	19.76 0.27 0.00	19.75 0.23 0.00	20.78 0.23 0.00	23.20 0.14 0.00	27.36 0.14 0.00	30.77 0.27 0.00	34.88 0.45 0.00	34.37 0.44 0.00	29.09 0.20 0.00	26.14 0.26 0.00	23.34 0.30 0.00
NUMBER_THREE_WT_PWR 323818	18.51 -0.28 0.00	17.61 -0.29 0.00	17.40 -0.26 0.00	17.47 -0.28 0.00	17.95 -0.27 0.00	19.69 -0.30 0.00	27.00 -0.38 0.00	30.07 -0.36 0.00	28.46 -0.55 0.00	21.94 -0.61 0.00	20.73 -0.66 0.00	20.02 -0.64 0.00	19.07 -0.63 0.00	18.87 -0.62 0.00	18.89 -0.63 0.00	20.06 -0.49 0.00	22.62 -0.44 0.00	26.87 -0.35 0.00	30.59 0.09 0.00	35.02 0.58 0.00	34.37 0.44 0.00	29.26 0.37 0.00	26.19 0.31 0.00	23.20 0.16 0.00
NYISO_LBMP_REFERENCE 24008	18.79 0.00 0.00	17.89 0.00 0.00	17.67 0.00 0.00	17.75 0.00 0.00	18.22 0.00 0.00	19.99 0.00 0.00	27.39 0.00 0.00	30.44 0.00 0.00	29.01 0.00 0.00	22.54 0.00 0.00	21.40 0.00 0.00	20.66 0.00 0.00	19.70 0.00 0.00	19.49 0.00 0.00	19.52 0.00 0.00	20.55 0.00 0.00	23.06 0.00 0.00	27.22 0.00 0.00	30.50 0.00 0.00	34.43 0.00 0.00	33.93 0.00 0.00	28.89 0.00 0.00	25.88 0.00 0.00	23.04 0.00 0.00
NYPA_BRENTWD___GT 24164	20.46 1.48 -0.18	19.07 1.18 0.00	18.74 1.08 0.00	18.80 1.05 0.00	19.39 1.17 0.00	21.45 1.46 0.00	29.52 2.14 0.00	32.78 2.34 0.00	30.99 1.97 0.00	24.27 1.74 0.01	22.91 1.52 0.00	22.01 1.34 0.00	20.94 1.24 0.00	20.76 1.27 0.00	20.77 1.25 0.00	21.99 1.44 0.00	24.84 1.87 0.09	29.79 2.42 -0.15	33.48 2.99 0.00	37.60 3.17 0.00	37.29 3.36 0.00	32.55 2.28 -1.38	27.74 1.86 0.00	24.53 1.50 0.00
NYPA_GOWANUS___GT5 24156	19.91 1.11 -0.01	18.81 0.91 -0.01	18.50 0.83 0.00	18.53 0.78 0.00	19.09 0.87 0.00	21.09 1.10 0.00	29.00 1.62 0.00	32.61 2.16 -0.02	31.03 2.00 -0.02	24.35 1.58 -0.23	22.84 1.43 -0.02	22.02 1.34 -0.02	20.98 1.26 -0.02	20.77 1.27 -0.01	20.75 1.23 0.00	21.91 1.36 0.00	27.13 1.75 -2.32	30.19 2.12 -0.84	33.20 2.65 -0.05	37.27 2.82 -0.02	36.86 2.92 -0.02	30.74 1.85 0.00	27.41 1.53 0.00	24.28 1.24 0.00
NYPA_GOWANUS___GT6 24157	19.91 1.11 -0.01	18.81 0.91 -0.01	18.50 0.83 0.00	18.53 0.78 0.00	19.09 0.87 0.00	21.09 1.10 0.00	29.00 1.62 0.00	32.61 2.16 -0.02	31.03 2.00 -0.02	24.35 1.58 -0.23	22.84 1.43 -0.02	22.02 1.34 -0.02	20.98 1.26 -0.02	20.77 1.27 -0.01	20.75 1.23 0.00	21.91 1.36 0.00	27.13 1.75 -2.32	30.19 2.12 -0.84	33.20 2.65 -0.05	37.27 2.82 -0.02	36.86 2.92 -0.02	30.74 1.85 0.00	27.41 1.53 0.00	24.28 1.24 0.00

NYPA_HARLEM__RVR__GT1 24160	19.91 1.11 -0.01	18.83 0.93 -0.01	18.57 0.90 0.00	18.57 0.82 0.00	19.11 0.89 0.00	21.05 1.06 0.00	28.84 1.45 0.00	32.36 1.92 -0.01	30.94 1.91 -0.01	24.12 1.55 -0.03	22.77 1.37 -0.01	21.95 1.28 -0.01	20.91 1.20 -0.01	20.66 1.17 0.00	20.64 1.13 0.01	21.76 1.21 0.01	24.98 1.66 -0.25	29.30 1.99 -0.09	33.04 2.47 -0.08	37.05 2.62 -0.01	36.62 2.68 -0.01	30.44 1.56 0.01	27.15 1.27 0.00	24.14 1.11 0.00
NYPA_HARLEM__RVR__GT2 24161	19.91 1.11 -0.01	18.83 0.93 -0.01	18.57 0.90 0.00	18.57 0.82 0.00	19.11 0.89 0.00	21.05 1.06 0.00	28.84 1.45 0.00	32.36 1.92 -0.01	30.94 1.91 -0.01	24.12 1.55 -0.03	22.77 1.37 -0.01	21.95 1.28 -0.01	20.91 1.20 -0.01	20.66 1.17 0.00	20.64 1.13 0.01	21.76 1.21 0.01	24.98 1.66 -0.25	29.30 1.99 -0.09	33.04 2.47 -0.08	37.05 2.62 -0.01	36.62 2.68 -0.01	30.44 1.56 0.01	27.15 1.27 0.00	24.14 1.11 0.00
NYPA_KENT____GT 24152	19.89 1.09 -0.01	18.80 0.89 -0.01	18.48 0.81 0.00	18.53 0.78 0.00	19.08 0.86 0.00	21.07 1.08 0.00	28.97 1.59 0.00	32.58 2.13 -0.02	31.03 2.00 -0.02	24.35 1.58 -0.23	22.82 1.41 -0.02	22.02 1.34 -0.02	20.96 1.24 -0.02	20.75 1.25 -0.01	20.75 1.23 0.00	21.89 1.34 0.00	27.09 1.71 -2.33	30.13 2.07 -0.84	33.14 2.59 -0.05	37.23 2.79 -0.02	36.80 2.85 -0.02	30.71 1.82 0.00	27.35 1.47 0.00	24.23 1.20 0.00
NYPA_POUCH1____GT 24155	19.91 1.11 -0.01	18.81 0.91 -0.01	18.50 0.83 0.00	18.53 0.78 0.00	19.09 0.87 0.00	21.07 1.08 0.00	28.95 1.56 0.00	32.55 2.10 -0.02	30.94 1.91 -0.02	24.26 1.49 -0.23	22.74 1.33 -0.02	21.94 1.26 -0.02	20.90 1.18 -0.02	20.69 1.19 -0.01	20.69 1.17 0.00	21.85 1.30 0.00	27.04 1.66 -2.32	30.08 2.01 -0.84	33.20 2.65 -0.05	37.17 2.72 -0.02	36.76 2.81 -0.02	30.74 1.85 0.00	27.41 1.53 0.00	24.28 1.24 0.00
NYPA_VERNON____GT2 24162	19.87 1.07 -0.01	18.76 0.86 -0.01	18.48 0.81 0.00	18.51 0.76 0.00	19.06 0.84 0.00	21.05 1.06 0.00	28.97 1.59 0.00	32.55 2.10 -0.02	31.00 1.97 -0.02	24.35 1.58 -0.23	22.82 1.41 -0.02	22.00 1.32 -0.02	20.96 1.24 -0.02	20.73 1.23 -0.01	20.73 1.21 0.00	21.87 1.32 0.00	27.08 1.68 -2.33	30.08 2.01 -0.85	33.05 2.50 -0.05	37.17 2.72 -0.02	36.73 2.78 -0.02	30.65 1.76 0.00	27.30 1.42 0.00	24.19 1.15 0.00
NYPA_VERNON____GT3 24163	19.87 1.07 -0.01	18.76 0.86 -0.01	18.48 0.81 0.00	18.51 0.76 0.00	19.06 0.84 0.00	21.05 1.06 0.00	28.97 1.59 0.00	32.55 2.10 -0.02	31.00 1.97 -0.02	24.35 1.58 -0.23	22.82 1.41 -0.02	22.00 1.32 -0.02	20.96 1.24 -0.02	20.73 1.23 -0.01	20.73 1.21 0.00	21.87 1.32 0.00	27.08 1.68 -2.33	30.08 2.01 -0.85	33.05 2.50 -0.05	37.17 2.72 -0.02	36.73 2.78 -0.02	30.65 1.76 0.00	27.30 1.42 0.00	24.19 1.15 0.00
NYPA__ASTORIA_CC1 323568	19.87 1.07 -0.01	18.78 0.88 -0.01	18.48 0.81 0.00	18.51 0.76 0.00	19.06 0.84 0.00	21.05 1.06 0.00	28.95 1.56 0.00	32.55 2.10 -0.02	31.00 1.97 -0.02	24.33 1.55 -0.23	22.80 1.39 -0.02	22.00 1.32 -0.02	20.94 1.22 -0.02	20.71 1.21 -0.01	20.71 1.19 0.00	21.85 1.30 0.00	27.06 1.68 -2.32	30.08 2.01 -0.84	33.02 2.47 -0.05	37.13 2.69 -0.02	36.69 2.75 -0.02	30.62 1.73 0.00	27.28 1.40 0.00	24.17 1.13 0.00
NYPA__ASTORIA_CC2 323569	19.87 1.07 -0.01	18.78 0.88 -0.01	18.48 0.81 0.00	18.51 0.76 0.00	19.06 0.84 0.00	21.05 1.06 0.00	28.95 1.56 0.00	32.55 2.10 -0.02	31.00 1.97 -0.02	24.33 1.55 -0.23	22.80 1.39 -0.02	22.00 1.32 -0.02	20.94 1.22 -0.02	20.71 1.21 -0.01	20.71 1.19 0.00	21.85 1.30 0.00	27.06 1.68 -2.32	30.08 2.01 -0.84	33.02 2.47 -0.05	37.13 2.69 -0.02	36.69 2.75 -0.02	30.62 1.73 0.00	27.28 1.40 0.00	24.17 1.13 0.00
NYPA__HOLTSVILL 23794	20.44 1.47 -0.18	19.06 1.16 0.00	18.73 1.06 0.00	18.80 1.05 0.00	19.37 1.15 0.00	21.43 1.44 0.00	29.44 2.05 0.00	32.69 2.25 0.00	30.84 1.83 0.00	24.18 1.64 0.01	22.83 1.43 0.00	21.90 1.24 0.00	20.88 1.18 0.00	20.68 1.19 0.00	20.67 1.15 0.00	21.89 1.34 0.00	24.75 1.78 0.09	29.65 2.29 -0.15	33.39 2.90 0.00	37.46 3.03 0.00	37.16 3.23 0.00	32.46 2.19 -1.38	27.61 1.73 0.00	24.44 1.41 0.00
NYPA__HELLGATE_GT1 24158	19.91 1.11 -0.01	18.83 0.93 -0.01	18.57 0.90 0.00	18.57 0.82 0.00	19.11 0.89 0.00	21.05 1.06 0.00	28.84 1.45 0.00	32.36 1.92 -0.01	30.94 1.91 -0.01	24.52 1.55 -0.43	22.77 1.37 -0.01	21.95 1.28 -0.01	20.91 1.20 -0.01	20.66 1.17 0.00	20.64 1.13 0.01	21.76 1.21 0.01	28.97 1.66 -4.24	30.77 1.99 -1.56	32.98 2.47 -0.01	37.05 2.62 -0.01	36.62 2.68 -0.01	30.44 1.56 0.01	27.15 1.27 0.00	24.14 1.11 0.00
NYPA__HELLGATE_GT2 24159	19.91 1.11 -0.01	18.83 0.93 -0.01	18.57 0.90 0.00	18.57 0.82 0.00	19.11 0.89 0.00	21.05 1.06 0.00	28.84 1.45 0.00	32.36 1.92 -0.01	30.94 1.91 -0.01	24.52 1.55 -0.43	22.77 1.37 -0.01	21.95 1.28 -0.01	20.91 1.20 -0.01	20.66 1.17 0.00	20.64 1.13 0.01	21.76 1.21 0.01	28.97 1.66 -4.24	30.77 1.99 -1.56	32.98 2.47 -0.01	37.05 2.62 -0.01	36.62 2.68 -0.01	30.44 1.56 0.01	27.15 1.27 0.00	24.14 1.11 0.00
NYS_BARGE__HYD 23848	18.24 -0.55 0.00	17.82 -0.07 0.00	17.58 -0.09 0.00	17.70 -0.05 0.00	18.15 -0.07 0.00	19.59 -0.40 0.00	25.93 -1.45 0.00	27.97 -2.46 0.00	26.49 -2.52 0.00	21.23 -1.31 0.00	20.52 -0.88 0.00	19.84 -0.83 0.00	18.76 -0.95 0.00	18.54 -0.95 0.00	18.60 -0.92 0.00	19.48 -1.07 0.00	21.29 -1.78 0.00	24.96 -2.26 0.00	28.00 -2.50 0.00	31.71 -2.72 0.00	31.08 -2.85 0.00	26.29 -2.60 0.00	23.89 -1.99 0.00	21.82 -1.22 0.00
OAK ORCHARD__HYD 24046	18.51 -0.28 0.00	17.89 0.00 0.00	17.68 0.02 0.00	17.79 0.04 0.00	18.26 0.04 0.00	19.81 -0.18 0.00	26.73 -0.66 0.00	29.31 -1.13 0.00	27.88 -1.13 0.00	22.00 -0.54 0.00	21.10 -0.30 0.00	20.39 -0.27 0.00	19.37 -0.34 0.00	19.16 -0.33 0.00	19.19 -0.33 0.00	20.14 -0.41 0.00	22.23 -0.83 0.00	26.16 -1.06 0.00	29.37 -1.13 0.00	33.23 -1.21 0.00	32.67 -1.25 0.00	27.62 -1.27 0.00	24.92 -0.96 0.00	22.48 -0.55 0.00
OAKDALE__35_KV_LOAD 356122	19.09 0.30 0.00	18.27 0.38 0.00	18.06 0.39 0.00	18.18 0.43 0.00	18.60 0.38 0.00	20.41 0.42 0.00	27.85 0.47 0.00	30.83 0.40 0.00	29.36 0.35 0.00	22.86 0.32 0.00	21.67 0.28 0.00	20.99 0.33 0.00	20.00 0.30 0.00	19.76 0.27 0.00	19.79 0.27 0.00	20.82 0.27 0.00	23.22 0.16 0.00	27.38 0.16 0.00	30.80 0.30 0.00	34.88 0.45 0.00	34.34 0.41 0.00	29.06 0.17 0.00	26.11 0.23 0.00	23.36 0.32 0.00
OCC_CHEM__DRP 24175	17.85 -0.94 0.00	17.43 -0.47 0.00	17.33 -0.34 0.00	17.45 -0.30 0.00	17.73 -0.49 0.00	19.19 -0.80 0.00	25.41 -1.97 0.00	27.39 -3.04 0.00	25.97 -3.05 0.00	20.85 -1.69 0.00	19.83 -1.56 0.00	19.51 -1.16 0.00	18.44 -1.26 0.00	18.22 -1.27 0.00	18.29 -1.23 0.00	19.15 -1.40 0.00	20.85 -2.21 0.00	24.47 -2.75 0.00	27.39 -3.11 0.00	30.99 -3.44 0.00	30.40 -3.53 0.00	25.71 -3.18 0.00	23.45 -2.43 0.00	21.45 -1.59 0.00

OH_GEN_PROXY 24063	18.13 -0.66 0.00	17.71 -0.18 0.00	17.46 -0.21 0.00	17.59 -0.16 0.00	18.02 -0.20 0.00	20.52 -0.52 -1.05	24.69 -1.64 1.05	27.76 -2.68 0.00	25.66 -2.67 0.68	21.80 -1.42 -0.68	20.39 -1.01 0.00	19.73 -0.93 0.00	18.68 -1.03 0.00	18.46 -1.03 0.00	18.52 -0.99 0.00	19.40 -1.15 0.00	21.19 -1.87 0.00	24.85 -2.37 0.00	27.81 -2.68 0.00	31.47 -2.96 0.00	30.32 -3.05 0.56	26.67 -2.77 -0.56	23.78 -2.10 0.00	21.70 -1.34 0.00
OLIN_CORP_DRP 24177	17.85 -0.94 0.00	17.43 -0.47 0.00	17.33 -0.34 0.00	17.45 -0.30 0.00	17.73 -0.49 0.00	19.19 -0.80 0.00	25.44 -1.94 0.00	27.42 -3.01 0.00	26.00 -3.02 0.00	20.85 -1.69 0.00	19.83 -1.56 0.00	19.51 -1.16 0.00	18.44 -1.26 0.00	18.24 -1.25 0.00	18.29 -1.23 0.00	19.15 -1.40 0.00	20.87 -2.19 0.00	24.50 -2.72 0.00	27.45 -3.05 0.00	31.06 -3.37 0.00	30.47 -3.46 0.00	25.74 -3.15 0.00	23.47 -2.41 0.00	21.45 -1.59 0.00
OLIN_CORP_DSASP 323712	17.98 -0.81 0.00	17.57 -0.32 0.00	17.33 -0.34 0.00	17.45 -0.30 0.00	17.89 -0.33 0.00	19.29 -0.70 0.00	25.44 -1.94 0.00	27.36 -3.07 0.00	25.97 -3.05 0.00	20.85 -1.69 0.00	20.15 -1.24 0.00	19.51 -1.16 0.00	18.44 -1.26 0.00	18.22 -1.27 0.00	18.29 -1.23 0.00	19.15 -1.40 0.00	20.89 -2.17 0.00	24.50 -2.72 0.00	27.42 -3.08 0.00	31.02 -3.41 0.00	30.40 -3.53 0.00	25.74 -3.15 0.00	23.45 -2.43 0.00	21.45 -1.59 0.00
ONEIDA_HERK_LFGE 323681	18.96 0.17 0.00	18.05 0.16 0.00	17.84 0.18 0.00	17.93 0.18 0.00	18.42 0.20 0.00	20.21 0.22 0.00	27.74 0.36 0.00	30.92 0.49 0.00	29.33 0.32 0.00	22.70 0.16 0.00	21.50 0.11 0.00	20.77 0.10 0.00	19.80 0.10 0.00	19.59 0.10 0.00	19.62 0.10 0.00	20.74 0.18 0.00	23.32 0.25 0.00	27.57 0.35 0.00	31.23 0.73 0.00	35.50 1.07 0.00	34.88 0.95 0.00	29.64 0.75 0.00	26.53 0.65 0.00	23.54 0.51 0.00
ONEIDA___115KV_TB4 55905	19.28 0.49 0.00	18.38 0.48 0.00	18.18 0.51 0.00	18.28 0.53 0.00	18.77 0.55 0.00	20.61 0.62 0.00	28.29 0.90 0.00	31.47 1.03 0.00	29.86 0.84 0.00	23.15 0.61 0.00	21.91 0.51 0.00	21.20 0.54 0.00	20.24 0.53 0.00	20.02 0.53 0.00	20.06 0.55 0.00	21.15 0.60 0.00	23.73 0.67 0.00	27.98 0.76 0.00	31.69 1.19 0.00	35.95 1.51 0.00	35.32 1.39 0.00	29.99 1.10 0.00	26.89 1.01 0.00	23.87 0.83 0.00
ONONDAGA_REF_OCCRA 23987	18.81 0.02 0.00	17.97 0.07 0.00	17.79 0.12 0.00	17.89 0.14 0.00	18.33 0.11 0.00	20.07 0.08 0.00	27.50 0.11 0.00	30.47 0.03 0.00	28.96 -0.06 0.00	22.59 0.05 0.00	21.44 0.04 0.00	20.77 0.10 0.00	19.80 0.10 0.00	19.59 0.10 0.00	19.62 0.10 0.00	20.61 0.06 0.00	23.04 -0.02 0.00	27.14 -0.08 0.00	30.47 -0.03 0.00	34.53 0.10 0.00	33.96 0.03 0.00	28.83 -0.06 0.00	25.96 0.08 0.00	23.15 0.12 0.00
ONONDAGA___COGEN 23986	18.85 0.06 0.00	18.00 0.11 0.00	17.81 0.14 0.00	17.93 0.18 0.00	18.35 0.13 0.00	20.11 0.12 0.00	27.55 0.16 0.00	30.53 0.09 0.00	29.01 0.00 0.00	22.61 0.07 0.00	21.46 0.06 0.00	20.81 0.14 0.00	19.84 0.14 0.00	19.61 0.12 0.00	19.64 0.12 0.00	20.63 0.08 0.00	23.06 0.00 0.00	27.17 -0.05 0.00	30.53 0.03 0.00	34.57 0.14 0.00	34.03 0.10 0.00	28.89 0.00 0.00	25.98 0.10 0.00	23.18 0.14 0.00
ONTARIO___LFGE 23819	19.62 0.83 0.00	18.82 0.93 0.00	18.62 0.95 0.00	18.76 1.01 0.00	19.26 1.04 0.00	21.13 1.14 0.00	29.00 1.62 0.00	32.02 1.58 0.00	30.41 1.39 0.00	22.88 0.34 0.00	21.78 0.39 0.00	21.04 0.37 0.00	20.02 0.31 0.00	19.78 0.29 0.00	19.79 0.27 0.00	20.80 0.25 0.00	23.18 0.12 0.00	27.33 0.11 0.00	30.86 0.37 0.00	34.91 0.48 0.00	34.30 0.37 0.00	29.03 0.15 0.00	26.09 0.21 0.00	23.36 0.32 0.00
ORANGEVILLE_WT_PWR 323706	18.39 -0.40 0.00	17.97 0.07 0.00	17.72 0.05 0.00	17.82 0.07 0.00	18.27 0.05 0.00	19.73 -0.26 0.00	26.13 -1.26 0.00	28.15 -2.28 0.00	26.69 -2.32 0.00	21.39 -1.15 0.00	20.63 -0.77 0.00	19.94 -0.72 0.00	18.86 -0.85 0.00	18.63 -0.86 0.00	18.72 -0.80 0.00	19.61 -0.95 0.00	21.40 -1.66 0.00	25.10 -2.12 0.00	28.15 -2.35 0.00	31.88 -2.55 0.00	31.21 -2.72 0.00	26.40 -2.48 0.00	24.02 -1.86 0.00	21.93 -1.11 0.00
ORANGEVILLE___ESR 323794	18.39 -0.40 0.00	17.97 0.07 0.00	17.72 0.05 0.00	17.82 0.07 0.00	18.27 0.05 0.00	19.73 -0.26 0.00	26.13 -1.26 0.00	28.15 -2.28 0.00	26.69 -2.32 0.00	21.39 -1.15 0.00	20.63 -0.77 0.00	19.94 -0.72 0.00	18.86 -0.85 0.00	18.63 -0.86 0.00	18.72 -0.80 0.00	19.61 -0.95 0.00	21.40 -1.66 0.00	25.10 -2.12 0.00	28.15 -2.35 0.00	31.88 -2.55 0.00	31.21 -2.72 0.00	26.40 -2.48 0.00	24.02 -1.86 0.00	21.93 -1.11 0.00
OSWEGATCHIE___HYD 24044	17.94 -0.85 0.00	17.07 -0.82 0.00	16.85 -0.81 0.00	16.93 -0.82 0.00	17.40 -0.82 0.00	19.09 -0.90 0.00	26.29 -1.10 0.00	29.25 -1.19 0.00	27.80 -1.22 0.00	21.44 -1.10 0.00	20.28 -1.11 0.00	19.59 -1.08 0.00	18.70 -1.00 0.00	18.48 -1.01 0.00	18.48 -1.04 0.00	19.57 -0.99 0.00	22.05 -1.01 0.00	26.16 -1.06 0.00	29.46 -1.04 0.00	33.57 -0.86 0.00	32.94 -0.99 0.00	28.20 -0.69 0.00	25.23 -0.65 0.00	22.37 -0.67 0.00
OSWEGO___5 23606	18.55 -0.24 0.00	17.71 -0.18 0.00	17.51 -0.16 0.00	17.59 -0.16 0.00	18.04 -0.18 0.00	19.75 -0.24 0.00	27.00 -0.38 0.00	29.92 -0.52 0.00	28.43 -0.58 0.00	22.16 -0.38 0.00	21.07 -0.32 0.00	20.37 -0.29 0.00	19.43 -0.28 0.00	19.22 -0.27 0.00	19.25 -0.27 0.00	20.22 -0.33 0.00	22.60 -0.46 0.00	26.65 -0.57 0.00	29.92 -0.58 0.00	33.85 -0.59 0.00	33.32 -0.61 0.00	28.31 -0.58 0.00	25.49 -0.39 0.00	22.76 -0.28 0.00
OSWEGO___6 23613	18.55 -0.24 0.00	17.71 -0.18 0.00	17.51 -0.16 0.00	17.59 -0.16 0.00	18.04 -0.18 0.00	19.75 -0.24 0.00	27.00 -0.38 0.00	29.92 -0.52 0.00	28.43 -0.58 0.00	22.16 -0.38 0.00	21.07 -0.32 0.00	20.37 -0.29 0.00	19.43 -0.28 0.00	19.22 -0.27 0.00	19.25 -0.27 0.00	20.22 -0.33 0.00	22.60 -0.46 0.00	26.65 -0.57 0.00	29.92 -0.58 0.00	33.85 -0.59 0.00	33.32 -0.61 0.00	28.31 -0.58 0.00	25.49 -0.39 0.00	22.76 -0.28 0.00
OUTOKUMPU-AB___DRP 24206	18.32 -0.47 0.00	17.88 -0.02 0.00	17.77 0.11 0.00	17.89 0.14 0.00	18.18 -0.04 0.00	19.69 -0.30 0.00	26.18 -1.20 0.00	28.28 -2.16 0.00	26.78 -2.23 0.00	21.48 -1.06 0.00	20.43 -0.96 0.00	20.06 -0.60 0.00	18.97 -0.73 0.00	18.75 -0.74 0.00	18.82 -0.70 0.00	19.71 -0.84 0.00	21.47 -1.59 0.00	25.21 -2.01 0.00	28.27 -2.23 0.00	32.06 -2.38 0.00	31.42 -2.51 0.00	26.55 -2.34 0.00	24.17 -1.71 0.00	22.07 -0.97 0.00
OXBOW___BTM 323836	18.21 -0.58 0.00	17.80 -0.09 0.00	17.54 -0.12 0.00	17.68 -0.07 0.00	18.13 -0.09 0.00	19.55 -0.44 0.00	25.85 -1.53 0.00	27.85 -2.59 0.00	26.40 -2.61 0.00	21.19 -1.35 0.00	20.48 -0.92 0.00	19.80 -0.87 0.00	18.72 -0.98 0.00	18.52 -0.97 0.00	18.56 -0.96 0.00	19.44 -1.11 0.00	21.22 -1.85 0.00	24.88 -2.34 0.00	27.87 -2.62 0.00	31.57 -2.86 0.00	30.94 -2.99 0.00	26.17 -2.72 0.00	23.81 -2.07 0.00	21.77 -1.27 0.00

OXBOW____ 24026	18.09 -0.70 0.00	17.66 -0.23 0.00	17.56 -0.11 0.00	17.68 -0.07 0.00	17.96 -0.26 0.00	19.45 -0.54 0.00	25.80 -1.59 0.00	27.85 -2.59 0.00	26.37 -2.64 0.00	21.17 -1.38 0.00	20.13 -1.26 0.00	19.80 -0.87 0.00	18.72 -0.99 0.00	18.52 -0.97 0.00	18.56 -0.96 0.00	19.44 -1.11 0.00	21.17 -1.89 0.00	24.88 -2.34 0.00	27.84 -2.65 0.00	31.57 -2.86 0.00	30.94 -2.99 0.00	26.14 -2.74 0.00	23.83 -2.04 0.00	21.77 -1.27 0.00
OXY_CHEM_DSASP 323612	17.85 -0.94 0.00	17.43 -0.47 0.00	17.33 -0.34 0.00	17.45 -0.30 0.00	17.73 -0.49 0.00	19.19 -0.80 0.00	25.41 -1.97 0.00	27.39 -3.04 0.00	25.97 -3.05 0.00	20.85 -1.69 0.00	19.83 -1.56 0.00	19.51 -1.16 0.00	18.44 -1.26 0.00	18.22 -1.27 0.00	18.29 -1.23 0.00	19.15 -1.40 0.00	20.85 -2.21 0.00	24.47 -2.75 0.00	27.39 -3.11 0.00	30.99 -3.44 0.00	30.40 -3.53 0.00	25.71 -3.18 0.00	23.45 -2.43 0.00	21.45 -1.59 0.00
OZONE_PARK_ESR 323760	19.90 1.11 0.00	18.77 0.88 0.00	18.44 0.78 0.00	18.51 0.76 0.00	19.08 0.86 0.00	21.11 1.12 0.00	29.08 1.70 0.00	32.64 2.19 -0.02	31.12 2.09 -0.02	24.42 1.65 -0.24	22.97 1.56 -0.02	22.11 1.43 -0.02	21.04 1.32 -0.02	20.81 1.31 -0.01	20.81 1.29 0.00	21.93 1.38 0.00	27.07 1.73 -2.28	30.15 2.10 -0.83	33.14 2.59 -0.05	37.34 2.89 -0.02	36.93 2.99 -0.02	30.77 1.88 0.00	27.35 1.48 0.00	24.21 1.17 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	17.85 -0.94 0.00	17.43 -0.47 0.00	17.33 -0.34 0.00	17.45 -0.30 0.00	17.73 -0.49 0.00	19.19 -0.80 0.00	25.41 -1.97 0.00	27.39 -3.04 0.00	25.97 -3.05 0.00	20.85 -1.69 0.00	19.83 -1.56 0.00	19.51 -1.16 0.00	18.44 -1.26 0.00	18.22 -1.27 0.00	18.29 -1.23 0.00	19.15 -1.40 0.00	20.85 -2.21 0.00	24.47 -2.75 0.00	27.39 -3.11 0.00	30.99 -3.44 0.00	30.40 -3.53 0.00	25.71 -3.18 0.00	23.45 -2.43 0.00	21.45 -1.59 0.00
PACKARD__115KV_DUPONT_184 80571	17.85 -0.94 0.00	17.43 -0.47 0.00	17.33 -0.34 0.00	17.45 -0.30 0.00	17.73 -0.49 0.00	19.19 -0.80 0.00	25.41 -1.97 0.00	27.39 -3.04 0.00	25.97 -3.05 0.00	20.85 -1.69 0.00	19.83 -1.56 0.00	19.51 -1.16 0.00	18.44 -1.26 0.00	18.22 -1.27 0.00	18.29 -1.23 0.00	19.15 -1.40 0.00	20.85 -2.21 0.00	24.47 -2.75 0.00	27.39 -3.11 0.00	30.99 -3.44 0.00	30.40 -3.53 0.00	25.71 -3.18 0.00	23.45 -2.43 0.00	21.45 -1.59 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	19.94 1.15 -0.01	18.87 0.97 -0.01	18.52 0.85 0.00	18.57 0.82 0.00	19.15 0.93 0.00	21.09 1.10 0.00	28.92 1.53 0.00	32.34 1.89 -0.02	30.86 1.83 -0.02	23.99 1.44 -0.01	22.76 1.35 -0.02	21.90 1.22 -0.02	20.84 1.12 -0.02	20.61 1.11 -0.01	20.61 1.09 0.00	21.74 1.19 0.00	24.68 1.57 -0.05	29.11 1.88 -0.01	32.82 2.32 -0.01	36.96 2.51 -0.02	36.52 2.58 -0.02	30.51 1.62 0.00	27.20 1.32 0.00	24.17 1.13 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	20.06 1.26 -0.01	18.99 1.09 -0.01	18.66 0.99 0.00	18.73 0.98 0.00	19.31 1.09 0.00	21.23 1.24 0.00	29.14 1.75 0.00	32.58 2.13 -0.02	31.03 2.00 -0.02	24.08 1.53 -0.01	22.84 1.43 -0.02	21.96 1.28 -0.02	20.88 1.16 -0.02	20.65 1.15 -0.01	20.65 1.13 0.00	21.79 1.23 0.00	24.72 1.61 -0.05	29.17 1.93 -0.01	32.88 2.38 -0.01	37.06 2.62 -0.02	36.66 2.71 -0.02	30.56 1.68 0.00	27.28 1.40 0.00	24.24 1.20 0.00
PATROON__115KV_TB1 80586	19.43 0.64 0.00	18.47 0.57 0.00	18.20 0.53 0.00	18.27 0.51 0.00	18.80 0.58 0.00	20.67 0.68 0.00	28.37 0.99 0.00	31.68 1.25 0.00	30.06 1.04 0.00	23.26 0.72 0.00	22.10 0.71 0.00	21.30 0.64 0.00	20.29 0.59 0.00	20.11 0.62 0.00	20.14 0.62 0.00	21.21 0.66 0.00	23.87 0.81 0.00	28.15 0.93 0.00	31.84 1.34 0.00	35.95 1.51 0.00	35.49 1.56 0.00	29.93 1.04 0.00	26.63 0.75 0.00	23.68 0.65 0.00
PATTRSNVILLE__SOLAR 323815	19.39 0.60 0.00	18.45 0.56 0.00	18.20 0.53 0.00	18.28 0.53 0.00	18.80 0.58 0.00	20.67 0.68 0.00	28.40 1.01 0.00	31.62 1.19 0.00	30.03 1.01 0.00	23.22 0.68 0.00	21.99 0.60 0.00	21.20 0.54 0.00	20.21 0.51 0.00	20.00 0.51 0.00	20.05 0.53 0.00	21.11 0.56 0.00	23.75 0.69 0.00	28.07 0.84 0.00	31.75 1.25 0.00	35.91 1.48 0.00	35.46 1.53 0.00	29.96 1.07 0.00	26.71 0.83 0.00	23.73 0.69 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	18.94 0.15 0.00	18.43 0.54 0.00	18.30 0.64 0.00	18.44 0.69 0.00	18.75 0.53 0.00	20.33 0.34 0.00	27.14 -0.25 0.00	29.31 -1.13 0.00	27.82 -1.19 0.00	22.34 -0.20 0.00	21.25 -0.15 0.00	20.81 0.14 0.00	19.68 -0.02 0.00	19.45 -0.04 0.00	19.52 0.00 0.00	20.45 -0.10 0.00	22.35 -0.71 0.00	26.19 -1.03 0.00	29.37 -1.13 0.00	33.36 -1.07 0.00	32.67 -1.26 0.00	27.59 -1.30 0.00	25.13 -0.75 0.00	22.92 -0.12 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	19.64 0.85 0.00	18.59 0.70 0.00	18.30 0.64 0.00	18.39 0.64 0.00	18.91 0.69 0.00	20.81 0.82 0.00	28.67 1.29 0.00	32.17 1.73 0.00	30.61 1.60 0.00	23.69 1.15 0.00	22.46 1.07 0.00	21.59 0.93 0.00	20.53 0.83 0.00	20.33 0.84 0.00	20.34 0.82 0.00	21.48 0.92 0.00	24.26 1.20 0.00	28.72 1.50 0.00	32.45 1.95 0.00	36.74 2.31 0.00	36.37 2.44 0.00	30.42 1.53 0.00	26.97 1.09 0.00	23.87 0.83 0.00
PEEKSKILL____ 23653	19.58 0.79 0.00	18.52 0.63 0.00	18.25 0.58 0.00	18.30 0.55 0.00	18.82 0.60 0.00	20.79 0.80 0.00	28.59 1.20 0.00	32.08 1.64 0.00	30.55 1.54 0.00	23.73 1.19 0.01	22.46 1.07 0.00	21.66 0.99 0.00	20.63 0.93 0.00	20.41 0.92 0.00	20.42 0.90 0.00	21.54 0.99 0.00	24.26 1.27 0.07	28.72 1.52 0.02	32.45 1.95 0.00	36.60 2.17 0.00	36.20 2.27 0.00	30.25 1.36 0.00	26.92 1.04 0.00	23.84 0.81 0.00
PGE MADISON__WINDPWR 24146	20.50 1.71 0.00	19.58 1.68 0.00	19.42 1.75 0.00	19.54 1.79 0.00	20.11 1.89 0.00	22.09 2.10 0.00	30.48 3.09 0.00	33.84 3.41 0.00	31.89 2.87 0.00	24.57 2.03 0.00	23.15 1.75 0.00	22.32 1.65 0.00	21.26 1.56 0.00	20.97 1.48 0.00	21.06 1.54 0.00	22.18 1.62 0.00	24.86 1.80 0.00	29.32 2.10 0.00	33.64 3.14 0.00	38.36 3.92 0.00	37.52 3.59 0.00	31.75 2.86 0.00	28.42 2.54 0.00	25.20 2.16 0.00
PIERCEFIELD__HYD 23852	17.81 -0.98 0.00	16.95 -0.95 0.00	16.73 -0.94 0.00	16.81 -0.94 0.00	17.27 -0.95 0.00	18.95 -1.04 0.00	26.13 -1.26 0.00	29.10 -1.34 0.00	27.80 -1.22 0.00	21.48 -1.06 0.00	20.35 -1.05 0.00	19.63 -1.03 0.00	18.76 -0.95 0.00	18.54 -0.96 0.00	18.56 -0.96 0.00	19.59 -0.97 0.00	22.05 -1.01 0.00	26.13 -1.09 0.00	29.03 -1.46 0.00	32.88 -1.55 0.00	32.27 -1.66 0.00	27.82 -1.07 0.00	24.92 -0.96 0.00	22.09 -0.94 0.00
PINELAWN_CC_1 323563	20.33 1.35 -0.18	18.95 1.06 0.00	18.64 0.97 0.00	18.71 0.96 0.00	19.28 1.06 0.00	21.33 1.34 0.00	29.38 2.00 0.00	32.72 2.28 0.00	30.96 1.94 0.00	24.20 1.67 0.01	22.83 1.43 0.00	21.95 1.28 0.00	20.88 1.18 0.00	20.70 1.21 0.00	20.71 1.19 0.00	21.93 1.38 0.00	24.77 1.80 0.09	29.71 2.34 -0.15	33.39 2.90 0.00	37.56 3.13 0.00	37.26 3.33 0.00	32.49 2.22 -1.38	27.64 1.76 0.00	24.44 1.41 0.00

PJM_GEN_HTP_PROXY 323702	19.71 0.92 0.00	18.63 0.73 0.00	18.34 0.67 0.00	18.39 0.64 0.00	18.93 0.71 0.00	21.98 0.94 -1.05	27.79 1.45 1.05	32.43 1.98 -0.02	30.21 1.86 0.67	24.93 1.46 -0.92	22.74 1.33 -0.02	21.92 1.24 -0.02	20.88 1.16 -0.02	20.65 1.15 -0.01	20.65 1.13 0.00	21.76 1.21 0.00	26.90 1.52 -2.32	29.92 1.85 -0.85	32.87 2.32 -0.05	37.03 2.58 -0.02	36.04 2.65 0.54	31.06 1.62 -0.56	27.15 1.27 0.00	24.03 0.99 0.00
PJM_GEN_KEystone 24065	19.09 0.30 0.00	18.29 0.39 0.00	18.04 0.37 0.00	18.12 0.37 0.00	18.60 0.38 0.00	21.42 0.38 -1.05	26.58 0.25 1.05	30.50 0.06 0.00	28.36 0.03 0.68	23.58 0.34 -0.70	21.78 0.39 0.00	21.04 0.37 0.00	19.98 0.28 0.00	19.76 0.27 0.00	19.79 0.27 0.00	20.80 0.25 0.00	23.36 0.16 -0.14	27.38 0.11 -0.05	30.71 0.21 0.00	34.74 0.31 0.00	33.57 0.27 0.63	29.18 -0.14 -0.44	26.00 0.00 -0.12	23.18 0.14 0.00
PJM_GEN_NEPTUNE_PROXY 323594	20.08 1.11 -0.18	18.75 0.86 0.00	18.44 0.78 0.00	18.50 0.75 0.00	19.06 0.84 0.00	22.14 1.10 -1.05	27.98 1.64 1.05	32.41 1.98 0.00	30.07 1.74 0.68	24.68 1.46 -0.67	22.68 1.28 0.00	21.82 1.16 0.00	20.77 1.06 0.00	20.58 1.09 0.00	20.59 1.07 0.00	21.76 1.21 0.00	24.56 1.59 0.09	29.38 2.01 -0.15	33.00 2.50 0.00	37.15 2.72 0.00	36.22 2.85 0.56	32.64 1.82 -1.94	27.33 1.45 0.00	24.19 1.15 0.00
PJM_GEN_VFT_PROXY 323633	19.62 0.83 0.00	18.52 0.63 0.00	18.23 0.57 0.00	18.28 0.53 0.00	18.82 0.60 0.00	21.88 0.84 -1.05	27.65 1.31 1.05	32.28 1.83 -0.02	30.06 1.71 0.67	24.81 1.35 -0.92	22.65 1.24 -0.02	21.84 1.16 -0.02	20.78 1.06 -0.02	20.55 1.05 -0.01	20.55 1.03 0.00	21.68 1.13 0.00	26.79 1.45 -2.28	29.80 1.74 -0.83	32.71 2.17 -0.05	36.82 2.37 -0.02	34.77 2.44 1.61	30.92 1.47 -0.56	27.02 1.14 0.00	23.89 0.85 0.00
PLATSBURG_115KV_PMLD1 355749	18.32 -0.47 0.00	17.46 -0.43 0.00	17.28 -0.39 0.00	17.36 -0.39 0.00	17.80 -0.42 0.00	19.53 -0.46 0.00	26.87 -0.52 0.00	29.89 -0.55 0.00	28.61 -0.41 0.00	22.14 -0.41 0.00	20.99 -0.41 0.00	20.19 -0.48 0.00	19.37 -0.33 0.00	19.12 -0.37 0.00	19.19 -0.33 0.00	20.28 -0.27 0.00	22.74 -0.32 0.00	27.03 -0.19 0.00	29.98 -0.52 0.00	33.95 -0.48 0.00	33.22 -0.71 0.00	28.57 -0.32 0.00	25.67 -0.21 0.00	22.81 -0.23 0.00
PLEASANTVLY__LBMP 24000	19.43 0.64 0.00	18.41 0.52 0.00	18.11 0.44 0.00	18.18 0.43 0.00	18.71 0.49 0.00	20.61 0.62 0.00	28.29 0.90 0.00	31.65 1.22 0.00	30.12 1.10 0.00	23.38 0.83 0.00	22.19 0.79 0.00	21.37 0.70 0.00	20.35 0.65 0.00	20.13 0.64 0.00	20.14 0.62 0.00	21.25 0.70 0.00	23.96 0.90 0.00	28.28 1.06 0.00	31.96 1.46 0.00	36.05 1.62 0.00	35.59 1.66 0.00	29.87 0.98 0.00	26.58 0.70 0.00	23.57 0.53 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	19.56 0.77 0.00	18.50 0.61 0.00	18.21 0.55 0.00	18.28 0.53 0.00	18.82 0.60 0.00	20.75 0.76 0.00	28.51 1.12 0.00	31.93 1.49 0.00	30.41 1.39 0.00	23.61 1.06 -0.01	22.42 1.03 0.00	21.57 0.91 0.00	20.53 0.83 0.00	20.33 0.84 0.00	20.34 0.82 0.00	21.44 0.88 0.00	24.30 1.15 -0.08	28.64 1.39 -0.03	32.30 1.80 0.00	36.43 2.00 0.00	36.00 2.07 0.00	30.13 1.24 0.00	26.81 0.93 0.00	23.75 0.71 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	19.56 0.77 0.00	18.50 0.61 0.00	18.21 0.55 0.00	18.28 0.53 0.00	18.82 0.60 0.00	20.75 0.76 0.00	28.51 1.12 0.00	31.93 1.49 0.00	30.41 1.39 0.00	23.61 1.06 -0.01	22.42 1.03 0.00	21.57 0.91 0.00	20.53 0.83 0.00	20.33 0.84 0.00	20.34 0.82 0.00	21.44 0.88 0.00	24.30 1.15 -0.08	28.64 1.39 -0.03	32.30 1.80 0.00	36.43 2.00 0.00	36.00 2.07 0.00	30.13 1.24 0.00	26.81 0.93 0.00	23.75 0.71 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	19.56 0.77 0.00	18.52 0.63 0.00	18.21 0.55 0.00	18.30 0.55 0.00	18.84 0.62 0.00	20.75 0.76 0.00	28.51 1.12 0.00	31.93 1.49 0.00	30.35 1.33 0.00	23.49 0.95 0.00	22.29 0.90 0.00	21.45 0.79 0.00	20.41 0.71 0.00	20.21 0.72 0.00	20.24 0.72 0.00	21.35 0.80 0.00	24.12 1.06 0.00	28.47 1.25 0.00	32.17 1.68 0.00	36.33 1.89 0.00	35.90 1.97 0.00	30.10 1.21 0.00	26.73 0.85 0.00	23.73 0.69 0.00
POLETTI____ 23519	19.77 0.98 0.00	18.68 0.79 0.00	18.36 0.69 0.00	18.43 0.67 0.00	18.99 0.77 0.00	20.99 1.00 0.00	28.89 1.51 0.00	32.43 1.98 -0.02	30.92 1.89 -0.02	24.24 1.47 -0.24	22.82 1.41 -0.02	21.94 1.26 -0.02	20.88 1.16 -0.02	20.65 1.15 -0.01	20.67 1.15 0.00	21.79 1.23 0.00	26.86 1.52 -2.28	29.90 1.85 -0.83	32.87 2.32 -0.05	37.06 2.62 -0.02	36.63 2.68 -0.02	30.54 1.65 0.00	27.17 1.29 0.00	24.05 1.01 0.00
POMONA____ESR 323819	19.60 0.81 0.00	18.54 0.64 0.00	18.25 0.58 0.00	18.32 0.57 0.00	18.84 0.62 0.00	20.81 0.82 0.00	28.59 1.20 0.00	32.08 1.64 0.00	30.52 1.51 0.00	23.73 1.19 0.01	22.46 1.07 0.00	21.66 0.99 0.00	20.61 0.91 0.00	20.41 0.92 0.00	20.44 0.92 0.00	21.54 0.99 0.00	24.28 1.27 0.05	28.70 1.50 0.02	32.42 1.92 0.00	36.60 2.17 0.00	36.17 2.24 0.00	30.22 1.33 0.00	26.92 1.04 0.00	23.87 0.83 0.00
PORT_JEFF_3 23555	20.53 1.56 -0.18	19.13 1.23 0.00	18.80 1.13 0.00	18.87 1.12 0.00	19.44 1.22 0.00	21.51 1.52 0.00	29.58 2.19 0.00	32.84 2.40 0.00	30.96 1.94 0.00	24.27 1.74 0.01	22.91 1.52 0.00	21.99 1.32 0.00	20.94 1.24 0.00	20.76 1.27 0.00	20.75 1.23 0.00	21.97 1.42 0.00	24.86 1.89 0.09	29.79 2.42 -0.15	33.57 3.08 0.00	37.67 3.24 0.00	37.36 3.43 0.00	32.61 2.34 -1.38	27.74 1.86 0.00	24.53 1.50 0.00
PORT_JEFF_4 23616	20.53 1.56 -0.18	19.13 1.23 0.00	18.80 1.13 0.00	18.87 1.12 0.00	19.44 1.22 0.00	21.51 1.52 0.00	29.58 2.19 0.00	32.84 2.40 0.00	30.96 1.94 0.00	24.27 1.74 0.01	22.91 1.52 0.00	21.99 1.32 0.00	20.94 1.24 0.00	20.76 1.27 0.00	20.75 1.23 0.00	21.97 1.42 0.00	24.86 1.89 0.09	29.79 2.42 -0.15	33.57 3.08 0.00	37.67 3.24 0.00	37.36 3.43 0.00	32.61 2.34 -1.38	27.74 1.86 0.00	24.53 1.50 0.00
PORT_JEFF_IC 23713	20.57 1.60 -0.18	19.16 1.27 0.00	18.82 1.15 0.00	18.89 1.14 0.00	19.50 1.28 0.00	21.55 1.56 0.00	29.58 2.19 0.00	32.69 2.25 0.00	30.99 1.97 0.00	24.34 1.80 0.01	23.17 1.78 0.00	21.99 1.32 0.00	20.96 1.26 0.00	20.76 1.27 0.00	20.75 1.23 0.00	21.99 1.44 0.00	24.89 1.91 0.09	29.82 2.45 -0.15	33.64 3.14 0.00	37.77 3.34 0.00	37.43 3.49 0.00	32.67 2.40 -1.38	27.74 1.86 0.00	24.60 1.57 0.00
PPL PILGRIM_ST_GT1 24216	20.46 1.48 -0.18	19.07 1.18 0.00	18.74 1.08 0.00	18.80 1.05 0.00	19.39 1.17 0.00	21.45 1.46 0.00	29.52 2.14 0.00	32.78 2.34 0.00	30.99 1.97 0.00	24.27 1.74 0.01	22.91 1.52 0.00	22.01 1.34 0.00	20.94 1.24 0.00	20.76 1.27 0.00	20.77 1.25 0.00	21.99 1.44 0.00	24.84 1.87 0.09	29.79 2.42 -0.15	33.48 2.99 0.00	37.60 3.17 0.00	37.29 3.36 0.00	32.55 2.28 -1.38	27.74 1.86 0.00	24.53 1.50 0.00

PPL PILGRIM_ST_GT2 24217	20.46 1.48 -0.18	19.07 1.18 0.00	18.74 1.08 0.00	18.80 1.05 0.00	19.39 1.17 0.00	21.45 1.46 0.00	29.52 2.14 0.00	32.78 2.34 0.00	30.99 1.97 0.00	24.27 1.74 0.01	22.91 1.52 0.00	22.01 1.34 0.00	20.94 1.24 0.00	20.76 1.27 0.00	20.77 1.25 0.00	21.99 1.44 0.00	24.84 1.87 0.09	29.79 2.42 -0.15	33.48 2.99 0.00	37.60 3.17 0.00	37.29 3.36 0.00	32.55 2.28 -1.38	27.74 1.86 0.00	24.53 1.50 0.00
PPL_SHRM_GT3 24213	20.72 1.75 -0.18	19.29 1.40 0.00	18.96 1.29 0.00	19.03 1.28 0.00	19.62 1.40 0.00	21.69 1.70 0.00	29.74 2.36 0.00	32.78 2.34 0.00	30.70 1.68 0.00	24.18 1.64 0.01	22.83 1.43 0.00	21.82 1.16 0.00	20.90 1.20 0.00	20.62 1.13 0.00	20.51 0.99 0.00	21.78 1.23 0.00	24.68 1.71 0.09	29.55 2.18 -0.15	33.61 3.11 0.00	37.46 3.03 0.00	37.19 3.26 0.00	32.61 2.34 -1.38	27.61 1.73 0.00	24.49 1.45 0.00
PPL_SHRM_GT4 24214	20.72 1.75 -0.18	19.29 1.40 0.00	18.96 1.29 0.00	19.03 1.28 0.00	19.62 1.40 0.00	21.69 1.70 0.00	29.74 2.36 0.00	32.78 2.34 0.00	30.70 1.68 0.00	24.18 1.64 0.01	22.83 1.43 0.00	21.82 1.16 0.00	20.90 1.20 0.00	20.62 1.13 0.00	20.51 0.99 0.00	21.78 1.23 0.00	24.68 1.71 0.09	29.55 2.18 -0.15	33.61 3.11 0.00	37.46 3.03 0.00	37.19 3.26 0.00	32.61 2.34 -1.38	27.61 1.73 0.00	24.49 1.45 0.00
PROJECT___ORANGE 1 24174	18.75 -0.04 0.00	17.91 0.02 0.00	17.74 0.07 0.00	17.84 0.09 0.00	18.27 0.05 0.00	20.01 0.02 0.00	27.39 0.00 0.00	30.31 -0.12 0.00	28.81 -0.20 0.00	22.50 -0.05 0.00	21.37 -0.02 0.00	20.71 0.04 0.00	19.76 0.06 0.00	19.53 0.04 0.00	19.56 0.04 0.00	20.55 0.00 0.00	22.95 -0.12 0.00	27.00 -0.22 0.00	30.28 -0.21 0.00	34.29 -0.14 0.00	33.76 -0.17 0.00	28.69 -0.20 0.00	25.85 -0.03 0.00	23.06 0.02 0.00
PROJECT___ORANGE 2 24166	18.75 -0.04 0.00	17.91 0.02 0.00	17.74 0.07 0.00	17.84 0.09 0.00	18.27 0.05 0.00	20.01 0.02 0.00	27.39 0.00 0.00	30.31 -0.12 0.00	28.81 -0.20 0.00	22.50 -0.05 0.00	21.37 -0.02 0.00	20.71 0.04 0.00	19.76 0.06 0.00	19.53 0.04 0.00	19.56 0.04 0.00	20.55 0.00 0.00	22.95 -0.12 0.00	27.00 -0.22 0.00	30.28 -0.21 0.00	34.29 -0.14 0.00	33.76 -0.17 0.00	28.69 -0.20 0.00	25.85 -0.03 0.00	23.06 0.02 0.00
PUCKETT___SOLAR 323809	19.49 0.70 0.00	18.63 0.73 0.00	18.41 0.74 0.00	18.53 0.78 0.00	19.02 0.80 0.00	20.87 0.88 0.00	28.59 1.20 0.00	31.68 1.25 0.00	30.03 1.01 0.00	23.31 0.77 0.00	22.10 0.70 0.00	21.33 0.66 0.00	20.31 0.61 0.00	20.07 0.58 0.00	20.12 0.61 0.00	21.19 0.64 0.00	23.68 0.62 0.00	27.93 0.71 0.00	31.59 1.10 0.00	35.84 1.41 0.00	35.22 1.29 0.00	29.79 0.90 0.00	26.73 0.85 0.00	23.84 0.81 0.00
PYRITES___HYD 24023	18.25 -0.54 0.00	17.36 -0.54 0.00	17.14 -0.53 0.00	17.24 -0.51 0.00	17.71 -0.51 0.00	19.49 -0.50 0.00	26.95 -0.44 0.00	30.07 -0.37 0.00	28.69 -0.32 0.00	22.23 -0.32 0.00	20.99 -0.41 0.00	20.27 -0.39 0.00	19.39 -0.32 0.00	19.14 -0.35 0.00	19.17 -0.35 0.00	20.16 -0.39 0.00	22.65 -0.42 0.00	26.81 -0.41 0.00	29.86 -0.64 0.00	33.81 -0.62 0.00	33.15 -0.78 0.00	28.63 -0.26 0.00	25.59 -0.28 0.00	22.69 -0.35 0.00
QUAKERRD_115KV_BK1 80622	18.00 -0.79 0.00	17.34 -0.55 0.00	17.21 -0.46 0.00	17.31 -0.44 0.00	17.67 -0.55 0.00	19.25 -0.74 0.00	26.15 -1.23 0.00	28.79 -1.64 0.00	27.39 -1.62 0.00	21.60 -0.95 0.00	20.52 -0.88 0.00	19.98 -0.68 0.00	18.99 -0.71 0.00	18.79 -0.70 0.00	18.84 -0.68 0.00	19.77 -0.78 0.00	21.86 -1.20 0.00	25.75 -1.47 0.00	28.91 -1.59 0.00	32.74 -1.69 0.00	32.20 -1.73 0.00	27.21 -1.68 0.00	24.56 -1.32 0.00	22.07 -0.97 0.00
QUENSBRY_115KV_TB8 356137	19.49 0.70 0.00	18.54 0.64 0.00	18.27 0.60 0.00	18.35 0.60 0.00	18.91 0.69 0.00	20.83 0.84 0.00	28.73 1.34 0.00	32.08 1.64 0.00	30.46 1.45 0.00	23.47 0.92 0.00	22.25 0.86 0.00	21.35 0.68 0.00	20.35 0.65 0.00	20.15 0.66 0.00	20.22 0.70 0.00	21.27 0.72 0.00	23.98 0.92 0.00	28.34 1.12 0.00	32.14 1.65 0.00	36.53 2.10 0.00	36.14 2.21 0.00	30.33 1.44 0.00	26.89 1.01 0.00	23.89 0.85 0.00
RAMAPO___LBMP 323565	19.54 0.75 0.00	18.48 0.59 0.00	18.20 0.53 0.00	18.27 0.51 0.00	18.80 0.58 0.00	20.75 0.76 0.00	28.48 1.10 0.00	31.90 1.46 0.00	30.41 1.39 0.00	23.66 1.13 0.00	22.44 1.05 0.00	21.59 0.93 0.00	20.55 0.85 0.00	20.33 0.84 0.00	20.36 0.84 0.00	21.46 0.90 0.00	24.19 1.18 0.05	28.59 1.39 0.02	32.26 1.77 0.00	36.43 2.00 0.00	36.00 2.07 0.00	30.10 1.21 0.00	26.81 0.93 0.00	23.77 0.74 0.00
RANKINE___ 23646	18.58 -0.21 0.00	18.11 0.21 0.00	17.99 0.32 0.00	18.12 0.37 0.00	18.42 0.20 0.00	19.95 -0.04 0.00	26.56 -0.82 0.00	28.70 -1.73 0.00	27.16 -1.86 0.00	21.80 -0.74 0.00	20.73 -0.66 0.00	20.33 -0.33 0.00	19.23 -0.47 0.00	19.00 -0.49 0.00	19.07 -0.45 0.00	19.98 -0.58 0.00	21.79 -1.27 0.00	25.56 -1.66 0.00	28.67 -1.83 0.00	32.54 -1.89 0.00	31.86 -2.07 0.00	26.92 -1.96 0.00	24.51 -1.37 0.00	22.37 -0.67 0.00
RAVENSWOOD_GT2_1 24244	19.75 0.96 0.00	18.66 0.77 0.00	18.34 0.67 0.00	18.41 0.66 0.00	18.97 0.75 0.00	20.97 0.98 0.00	28.86 1.48 0.00	32.40 1.95 -0.02	30.89 1.86 -0.02	24.24 1.47 -0.23	22.80 1.39 -0.02	21.92 1.24 -0.02	20.86 1.14 -0.02	20.63 1.13 -0.01	20.65 1.13 0.00	21.76 1.21 0.00	26.85 1.55 -2.24	29.89 1.85 -0.82	32.87 2.32 -0.05	37.03 2.58 -0.02	36.59 2.65 -0.02	30.54 1.65 0.00	27.15 1.27 0.00	24.05 1.01 0.00
RAVENSWOOD_GT2_2 24245	19.75 0.96 0.00	18.66 0.77 0.00	18.34 0.67 0.00	18.41 0.66 0.00	18.97 0.75 0.00	20.97 0.98 0.00	28.86 1.48 0.00	32.40 1.95 -0.02	30.89 1.86 -0.02	24.24 1.47 -0.23	22.80 1.39 -0.02	21.92 1.24 -0.02	20.86 1.14 -0.02	20.63 1.13 -0.01	20.65 1.13 0.00	21.76 1.21 0.00	26.85 1.55 -2.24	29.89 1.85 -0.82	32.87 2.32 -0.05	37.03 2.58 -0.02	36.59 2.65 -0.02	30.54 1.65 0.00	27.15 1.27 0.00	24.05 1.01 0.00
RAVENSWOOD_GT2_3 24246	19.77 0.98 0.00	18.68 0.79 0.00	18.36 0.69 0.00	18.41 0.66 0.00	18.99 0.77 0.00	20.97 0.98 0.00	28.89 1.51 0.00	32.40 1.95 -0.02	30.89 1.86 -0.02	24.26 1.49 -0.23	22.80 1.39 -0.02	21.94 1.26 -0.02	20.88 1.16 -0.02	20.65 1.15 -0.01	20.65 1.13 0.00	21.79 1.23 0.00	26.87 1.57 -2.24	29.92 1.88 -0.82	32.87 2.32 -0.05	37.03 2.58 -0.02	36.63 2.68 -0.02	30.54 1.65 0.00	27.17 1.29 0.00	24.05 1.01 0.00
RAVENSWOOD_GT2_4 24247	19.77 0.98 0.00	18.68 0.79 0.00	18.36 0.69 0.00	18.41 0.66 0.00	18.99 0.77 0.00	20.97 0.98 0.00	28.89 1.51 0.00	32.40 1.95 -0.02	30.89 1.86 -0.02	24.26 1.49 -0.23	22.80 1.39 -0.02	21.94 1.26 -0.02	20.88 1.16 -0.02	20.65 1.15 -0.01	20.65 1.13 0.00	21.79 1.23 0.00	26.87 1.57 -2.24	29.92 1.88 -0.82	32.87 2.32 -0.05	37.03 2.58 -0.02	36.63 2.68 -0.02	30.54 1.65 0.00	27.17 1.29 0.00	24.05 1.01 0.00



RAVENSWOOD_GT3_1 24248	19.75 0.96 0.00	18.66 0.77 0.00	18.34 0.67 0.00	18.41 0.66 0.00	18.97 0.75 0.00	20.97 0.98 0.00	28.86 1.48 0.00	32.40 1.95 -0.02	30.89 1.86 -0.02	24.24 1.47 -0.23	22.80 1.39 -0.02	21.92 1.24 -0.02	20.86 1.14 -0.02	20.63 1.13 -0.01	20.65 1.13 0.00	21.76 1.21 0.00	26.85 1.55 -2.24	29.89 1.85 -0.82	32.87 2.32 -0.05	37.03 2.58 -0.02	36.59 2.65 -0.02	30.54 1.65 0.00	27.17 1.29 0.00	24.05 1.01 0.00
RAVENSWOOD_GT3_2 24249	19.75 0.96 0.00	18.66 0.77 0.00	18.34 0.67 0.00	18.41 0.66 0.00	18.97 0.75 0.00	20.97 0.98 0.00	28.86 1.48 0.00	32.40 1.95 -0.02	30.89 1.86 -0.02	24.24 1.47 -0.23	22.80 1.39 -0.02	21.92 1.24 -0.02	20.86 1.14 -0.02	20.63 1.13 -0.01	20.65 1.13 0.00	21.76 1.21 0.00	26.85 1.55 -2.24	29.89 1.85 -0.82	32.87 2.32 -0.05	37.03 2.58 -0.02	36.59 2.65 -0.02	30.54 1.65 0.00	27.17 1.29 0.00	24.05 1.01 0.00
RAVENSWOOD_GT3_3 24250	19.77 0.98 0.00	18.68 0.79 0.00	18.36 0.69 0.00	18.43 0.67 0.00	18.99 0.77 0.00	20.99 1.00 0.00	28.89 1.51 0.00	32.43 1.98 -0.02	30.92 1.89 -0.02	24.28 1.51 -0.23	22.82 1.41 -0.02	21.96 1.28 -0.02	20.90 1.18 -0.02	20.67 1.17 -0.01	20.67 1.15 0.00	21.81 1.25 0.00	26.89 1.59 -2.24	29.95 1.91 -0.82	32.90 2.35 -0.05	37.06 2.62 -0.02	36.66 2.71 -0.02	30.56 1.68 0.00	27.20 1.32 0.00	24.07 1.04 0.00
RAVENSWOOD_GT3_4 24251	19.77 0.98 0.00	18.68 0.79 0.00	18.36 0.69 0.00	18.43 0.67 0.00	18.99 0.77 0.00	20.99 1.00 0.00	28.89 1.51 0.00	32.43 1.98 -0.02	30.92 1.89 -0.02	24.28 1.51 -0.23	22.82 1.41 -0.02	21.96 1.28 -0.02	20.90 1.18 -0.02	20.67 1.17 -0.01	20.67 1.15 0.00	21.81 1.25 0.00	26.89 1.59 -2.24	29.95 1.91 -0.82	32.90 2.35 -0.05	37.06 2.62 -0.02	36.66 2.71 -0.02	30.56 1.68 0.00	27.20 1.32 0.00	24.07 1.04 0.00
RAVENSWOOD_GT_1 23729	19.87 1.07 -0.01	18.78 0.88 -0.01	18.44 0.78 0.00	18.51 0.76 0.00	19.08 0.86 0.00	21.07 1.08 0.00	29.00 1.62 0.00	32.52 2.07 -0.02	31.03 2.00 -0.02	24.35 1.58 -0.23	22.89 1.48 -0.02	22.00 1.32 -0.02	20.96 1.24 -0.02	20.73 1.23 -0.01	20.73 1.21 0.00	21.87 1.32 0.00	27.08 1.68 -2.33	30.08 2.01 -0.85	33.05 2.50 -0.05	37.17 2.72 -0.02	36.73 2.78 -0.02	30.65 1.76 0.00	27.30 1.42 0.00	24.19 1.15 0.00
RAVENSWOOD_GT_10 24258	19.75 0.96 0.00	18.66 0.77 0.00	18.34 0.67 0.00	18.41 0.66 0.00	18.97 0.75 0.00	20.97 0.98 0.00	28.86 1.48 0.00	32.40 1.95 -0.02	30.89 1.86 -0.02	24.24 1.47 -0.23	22.80 1.39 -0.02	21.92 1.24 -0.02	20.86 1.14 -0.02	20.63 1.13 -0.01	20.65 1.13 0.00	21.76 1.21 0.00	26.84 1.55 -2.23	29.89 1.85 -0.82	32.87 2.32 -0.05	37.03 2.58 -0.02	36.59 2.65 -0.02	30.54 1.65 0.00	27.15 1.27 0.00	24.03 0.99 0.00
RAVENSWOOD_GT_11 24259	19.75 0.96 0.00	18.66 0.77 0.00	18.34 0.67 0.00	18.41 0.66 0.00	18.97 0.75 0.00	20.97 0.98 0.00	28.86 1.48 0.00	32.40 1.95 -0.02	30.89 1.86 -0.02	24.24 1.47 -0.23	22.80 1.39 -0.02	21.92 1.24 -0.02	20.86 1.14 -0.02	20.63 1.13 -0.01	20.65 1.13 0.00	21.76 1.21 0.00	26.84 1.55 -2.23	29.89 1.85 -0.82	32.87 2.32 -0.05	37.03 2.58 -0.02	36.59 2.65 -0.02	30.54 1.65 0.00	27.15 1.27 0.00	24.03 0.99 0.00
RAVENSWOOD_GT_4 24252	19.72 0.94 0.01	18.64 0.75 0.01	18.32 0.65 0.00	18.39 0.64 0.00	18.95 0.73 0.00	20.95 0.96 0.00	28.84 1.45 0.00	32.37 1.92 -0.02	30.86 1.83 -0.02	24.24 1.47 -0.23	22.80 1.39 -0.02	21.92 1.24 -0.02	20.86 1.14 -0.02	20.63 1.13 -0.01	20.63 1.11 0.00	21.76 1.21 0.00	26.77 1.52 -2.19	29.85 1.82 -0.80	32.84 2.29 -0.05	36.99 2.55 -0.02	36.59 2.65 -0.02	30.51 1.62 0.00	27.15 1.27 0.00	24.03 0.99 0.00
RAVENSWOOD_GT_5 24254	19.72 0.94 0.01	18.64 0.75 0.01	18.32 0.65 0.00	18.39 0.64 0.00	18.95 0.73 0.00	20.95 0.96 0.00	28.84 1.45 0.00	32.37 1.92 -0.02	30.86 1.83 -0.02	24.24 1.47 -0.23	22.80 1.39 -0.02	21.92 1.24 -0.02	20.86 1.14 -0.02	20.63 1.13 -0.01	20.63 1.11 0.00	21.76 1.21 0.00	26.77 1.52 -2.19	29.85 1.82 -0.80	32.84 2.29 -0.05	36.99 2.55 -0.02	36.59 2.65 -0.02	30.51 1.62 0.00	27.15 1.27 0.00	24.03 0.99 0.00
RAVENSWOOD_GT_6 24253	19.72 0.94 0.01	18.64 0.75 0.01	18.32 0.65 0.00	18.39 0.64 0.00	18.95 0.73 0.00	20.95 0.96 0.00	28.84 1.45 0.00	32.37 1.92 -0.02	30.86 1.83 -0.02	24.24 1.47 -0.23	22.80 1.39 -0.02	21.92 1.24 -0.02	20.86 1.14 -0.02	20.63 1.13 -0.01	20.63 1.11 0.00	21.76 1.21 0.00	26.77 1.52 -2.19	29.85 1.82 -0.80	32.84 2.29 -0.05	36.99 2.55 -0.02	36.59 2.65 -0.02	30.51 1.62 0.00	27.15 1.27 0.00	24.03 0.99 0.00
RAVENSWOOD_GT_7 24255	19.72 0.94 0.01	18.64 0.75 0.01	18.32 0.65 0.00	18.39 0.64 0.00	18.95 0.73 0.00	20.95 0.96 0.00	28.84 1.45 0.00	32.37 1.92 -0.02	30.86 1.83 -0.02	24.24 1.47 -0.23	22.80 1.39 -0.02	21.92 1.24 -0.02	20.86 1.14 -0.02	20.63 1.13 -0.01	20.63 1.11 0.00	21.76 1.21 0.00	26.77 1.52 -2.19	29.85 1.82 -0.80	32.84 2.29 -0.05	36.99 2.55 -0.02	36.59 2.65 -0.02	30.51 1.62 0.00	27.15 1.27 0.00	24.03 0.99 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	19.75 0.96 0.00	18.66 0.77 0.00	18.34 0.67 0.00	18.41 0.66 0.00	18.97 0.75 0.00	20.97 0.98 0.00	28.86 1.48 0.00	32.40 1.95 -0.02	30.89 1.86 -0.02	24.24 1.47 -0.23	22.80 1.39 -0.02	21.92 1.24 -0.02	20.86 1.14 -0.02	20.63 1.13 -0.01	20.65 1.13 0.00	21.76 1.21 0.00	26.84 1.55 -2.23	29.89 1.85 -0.82	32.87 2.32 -0.05	37.03 2.58 -0.02	36.59 2.65 -0.02	30.54 1.65 0.00	27.15 1.27 0.00	24.03 0.99 0.00
RAVENSWOOD_GT_9 24257	19.75 0.96 0.00	18.66 0.77 0.00	18.34 0.67 0.00	18.41 0.66 0.00	18.97 0.75 0.00	20.97 0.98 0.00	28.86 1.48 0.00	32.40 1.95 -0.02	30.89 1.86 -0.02	24.24 1.47 -0.23	22.80 1.39 -0.02	21.92 1.24 -0.02	20.86 1.14 -0.02	20.63 1.13 -0.01	20.65 1.13 0.00	21.76 1.21 0.00	26.84 1.55 -2.23	29.89 1.85 -0.82	32.87 2.32 -0.05	37.03 2.58 -0.02	36.59 2.65 -0.02	30.54 1.65 0.00	27.15 1.27 0.00	24.03 0.99 0.00
RAVENSWOOD___1 23533	19.85 1.05 -0.01	18.76 0.86 -0.01	18.46 0.80 0.00	18.50 0.75 0.00	19.04 0.82 0.00	21.05 1.06 0.00	28.95 1.56 0.00	32.55 2.10 -0.02	31.00 1.97 -0.02	24.33 1.55 -0.23	22.80 1.39 -0.02	22.00 1.32 -0.02	20.94 1.22 -0.02	20.71 1.21 -0.01	20.71 1.19 0.00	21.85 1.30 0.00	27.04 1.66 -2.32	30.08 2.01 -0.84	33.02 2.47 -0.05	37.13 2.69 -0.02	36.73 2.78 -0.02	30.62 1.73 0.00	27.28 1.40 0.00	24.17 1.13 0.00
RAVENSWOOD___2 23534	19.85 1.05 -0.01	18.74 0.84 -0.01	18.44 0.78 0.00	18.50 0.75 0.00	19.04 0.82 0.00	21.03 1.04 0.00	28.95 1.56 0.00	32.52 2.07 -0.02	30.97 1.94 -0.02	24.33 1.55 -0.23	22.80 1.39 -0.02	21.98 1.30 -0.02	20.94 1.22 -0.02	20.71 1.21 -0.01	20.71 1.19 0.00	21.85 1.30 0.00	27.04 1.66 -2.32	30.05 1.99 -0.84	33.02 2.47 -0.05	37.13 2.69 -0.02	36.69 2.75 -0.02	30.62 1.73 0.00	27.28 1.40 0.00	24.14 1.11 0.00

RAVENSWOOD___3 23535	19.75 0.96 0.00	18.64 0.75 0.00	18.36 0.69 0.00	18.41 0.66 0.00	18.95 0.73 0.00	20.95 0.96 0.00	28.86 1.48 0.00	32.43 1.98 -0.02	30.89 1.86 -0.02	24.24 1.46 -0.23	22.74 1.33 -0.02	21.92 1.24 -0.02	20.86 1.14 -0.02	20.65 1.15 -0.01	20.65 1.13 0.00	21.76 1.21 0.00	26.85 1.55 -2.24	29.89 1.85 -0.82	32.86 2.32 -0.05	37.03 2.58 -0.02	36.59 2.65 -0.02	30.53 1.65 0.00	27.17 1.29 0.00	24.05 1.01 0.00
RAVENSWOOD___4 23820	19.83 1.03 -0.01	18.74 0.84 -0.01	18.44 0.78 0.00	18.48 0.73 0.00	19.04 0.82 0.00	21.03 1.04 0.00	28.92 1.53 0.00	32.52 2.07 -0.02	30.97 1.94 -0.02	24.31 1.53 -0.23	22.80 1.39 -0.02	21.98 1.30 -0.02	20.92 1.20 -0.02	20.71 1.21 -0.01	20.69 1.17 0.00	21.83 1.27 0.00	27.03 1.66 -2.31	30.05 1.99 -0.84	33.02 2.47 -0.05	37.10 2.65 -0.02	36.69 2.75 -0.02	30.59 1.70 0.00	27.25 1.37 0.00	24.14 1.11 0.00
RCPL_TRUST___DRP 24196	19.75 0.96 0.00	18.66 0.77 0.00	18.34 0.67 0.00	18.41 0.66 0.00	18.99 0.77 0.00	20.99 1.00 0.00	28.89 1.51 0.00	32.43 1.98 -0.02	30.94 1.91 -0.02	24.29 1.51 -0.24	22.84 1.43 -0.02	21.96 1.28 -0.02	20.90 1.18 -0.02	20.67 1.17 -0.01	20.67 1.15 0.00	21.81 1.25 0.00	26.95 1.57 -2.32	29.95 1.88 -0.85	32.90 2.35 -0.05	37.10 2.65 -0.02	36.66 2.71 -0.02	30.56 1.68 0.00	27.17 1.29 0.00	24.05 1.01 0.00
RED___ROCHESTER 323720	18.58 -0.21 0.00	17.97 0.07 0.00	17.76 0.09 0.00	17.88 0.13 0.00	18.35 0.13 0.00	19.89 -0.10 0.00	26.89 -0.49 0.00	29.52 -0.91 0.00	28.08 -0.93 0.00	22.16 -0.38 0.00	21.27 -0.13 0.00	20.56 -0.10 0.00	19.51 -0.20 0.00	19.31 -0.18 0.00	19.34 -0.18 0.00	20.31 -0.25 0.00	22.42 -0.65 0.00	26.38 -0.84 0.00	29.61 -0.89 0.00	33.54 -0.90 0.00	32.94 -0.99 0.00	27.82 -1.07 0.00	25.10 -0.78 0.00	22.62 -0.41 0.00
REGAN___SOLAR 323812	20.61 1.82 0.00	19.67 1.77 0.00	19.42 1.75 0.00	19.53 1.77 0.00	20.13 1.91 0.00	22.17 2.18 0.00	30.73 3.34 0.00	34.03 3.59 0.00	32.23 3.22 0.00	24.50 1.96 0.00	23.21 1.82 0.00	22.17 1.51 0.00	21.10 1.40 0.00	20.91 1.42 0.00	20.98 1.46 0.00	22.13 1.58 0.00	25.00 1.94 0.00	29.70 2.48 0.00	33.94 3.45 0.00	38.87 4.44 0.00	38.44 4.51 0.00	32.35 3.47 0.00	28.70 2.82 0.00	25.50 2.47 0.00
RENSSELAER___COGEN 23796	19.30 0.51 0.00	18.34 0.45 0.00	18.09 0.42 0.00	18.16 0.41 0.00	18.66 0.44 0.00	20.53 0.54 0.00	28.18 0.79 0.00	31.47 1.04 0.00	29.86 0.84 0.00	23.11 0.56 0.00	21.91 0.51 0.00	21.16 0.50 0.00	20.16 0.45 0.00	19.96 0.47 0.00	19.99 0.47 0.00	21.07 0.51 0.00	23.68 0.62 0.00	27.96 0.74 0.00	31.63 1.13 0.00	35.64 1.20 0.00	35.19 1.26 0.00	29.70 0.81 0.00	26.45 0.57 0.00	23.52 0.48 0.00
REPUBLIC_115KV_BARTNBRK 55605	19.99 1.20 0.00	19.02 1.13 0.00	18.76 1.10 0.00	18.87 1.12 0.00	19.48 1.26 0.00	21.45 1.46 0.00	29.77 2.38 0.00	33.30 2.86 0.00	31.63 2.61 0.00	24.23 1.69 0.00	22.96 1.56 0.00	21.90 1.24 0.00	20.89 1.18 0.00	20.68 1.19 0.00	20.77 1.25 0.00	21.99 1.44 0.00	24.81 1.75 0.00	29.29 2.07 0.00	33.27 2.78 0.00	38.05 3.62 0.00	37.83 3.90 0.00	31.52 2.63 0.00	27.79 1.92 0.00	24.65 1.61 0.00
REVERE_CPPR_DRP 24186	19.37 0.58 0.00	18.45 0.55 0.00	18.25 0.58 0.00	18.35 0.60 0.00	18.84 0.62 0.00	20.69 0.70 0.00	28.45 1.07 0.00	31.68 1.25 0.00	30.00 0.99 0.00	23.22 0.68 0.00	21.97 0.58 0.00	21.26 0.60 0.00	20.29 0.59 0.00	20.08 0.58 0.00	20.12 0.61 0.00	21.23 0.68 0.00	23.85 0.78 0.00	28.15 0.93 0.00	31.96 1.46 0.00	36.29 1.86 0.00	35.66 1.73 0.00	30.28 1.39 0.00	27.12 1.24 0.00	24.07 1.04 0.00
REYNOLDS_115KV_TB3 80639	19.30 0.51 0.00	18.32 0.43 0.00	18.04 0.37 0.00	18.11 0.36 0.00	18.64 0.42 0.00	20.51 0.52 0.00	28.07 0.68 0.00	31.35 0.91 0.00	29.74 0.73 0.00	23.02 0.47 0.00	21.89 0.49 0.00	21.10 0.43 0.00	20.12 0.41 0.00	19.92 0.43 0.00	19.95 0.43 0.00	21.00 0.45 0.00	23.61 0.55 0.00	27.87 0.65 0.00	31.53 1.04 0.00	35.53 1.10 0.00	35.05 1.12 0.00	29.61 0.72 0.00	26.34 0.47 0.00	23.45 0.41 0.00
RIVERBAY____ 323610	20.06 1.26 -0.01	18.99 1.09 -0.01	18.66 0.99 0.00	18.73 0.98 0.00	19.31 1.09 0.00	21.23 1.24 0.00	29.14 1.75 0.00	32.58 2.13 -0.02	31.03 2.00 -0.02	24.08 1.53 -0.01	22.84 1.43 -0.02	21.96 1.28 -0.02	20.88 1.16 -0.02	20.65 1.15 -0.01	20.65 1.13 0.00	21.79 1.23 0.00	24.72 1.61 -0.05	29.17 1.93 -0.01	32.88 2.38 -0.01	37.06 2.62 -0.02	36.66 2.71 -0.02	30.56 1.68 0.00	27.28 1.40 0.00	24.24 1.20 0.00
RIVERSDE_115KV_TB3 55908	19.34 0.54 0.00	18.38 0.48 0.00	18.09 0.42 0.00	18.16 0.41 0.00	18.69 0.47 0.00	20.57 0.58 0.00	28.18 0.79 0.00	31.47 1.03 0.00	29.86 0.84 0.00	23.11 0.56 0.00	21.95 0.56 0.00	21.18 0.52 0.00	20.18 0.47 0.00	19.98 0.49 0.00	20.01 0.49 0.00	21.07 0.51 0.00	23.71 0.65 0.00	27.98 0.76 0.00	31.62 1.13 0.00	35.67 1.24 0.00	35.22 1.29 0.00	29.73 0.84 0.00	26.45 0.57 0.00	23.54 0.51 0.00
ROARING___BROOK_WT_PWR 323790	18.43 -0.36 0.00	17.54 -0.36 0.00	17.31 -0.35 0.00	17.36 -0.39 0.00	17.80 -0.42 0.00	19.51 -0.48 0.00	26.76 -0.63 0.00	29.71 -0.73 0.00	28.35 -0.67 0.00	21.96 -0.59 0.00	20.82 -0.58 0.00	20.11 -0.56 0.00	19.17 -0.53 0.00	18.97 -0.53 0.00	18.99 -0.53 0.00	20.04 -0.51 0.00	22.53 -0.53 0.00	26.68 -0.54 0.00	29.89 -0.61 0.00	33.81 -0.62 0.00	33.35 -0.58 0.00	28.54 -0.35 0.00	25.59 -0.28 0.00	22.78 -0.25 0.00
ROCHESRG_115KV_T4 355643	18.36 -0.43 0.00	17.73 -0.16 0.00	17.60 -0.07 0.00	17.71 -0.04 0.00	18.07 -0.15 0.00	19.65 -0.34 0.00	26.56 -0.82 0.00	29.13 -1.31 0.00	27.71 -1.31 0.00	21.87 -0.68 0.00	20.77 -0.62 0.00	20.29 -0.37 0.00	19.27 -0.43 0.00	19.06 -0.43 0.00	19.09 -0.43 0.00	20.04 -0.51 0.00	22.09 -0.97 0.00	26.00 -1.22 0.00	29.19 -1.31 0.00	33.05 -1.38 0.00	32.47 -1.46 0.00	27.44 -1.44 0.00	24.82 -1.06 0.00	22.37 -0.67 0.00
ROCHESTER_9_IC 23652	18.45 -0.34 0.00	17.82 -0.07 0.00	17.70 0.04 0.00	17.80 0.05 0.00	18.17 -0.05 0.00	19.75 -0.24 0.00	26.73 -0.66 0.00	29.34 -1.10 0.00	27.91 -1.10 0.00	22.02 -0.52 0.00	20.92 -0.47 0.00	20.44 -0.23 0.00	19.39 -0.32 0.00	19.20 -0.29 0.00	19.23 -0.29 0.00	20.18 -0.37 0.00	22.25 -0.81 0.00	26.19 -1.03 0.00	29.40 -1.10 0.00	33.30 -1.14 0.00	32.74 -1.19 0.00	27.65 -1.24 0.00	24.97 -0.91 0.00	22.51 -0.53 0.00
ROCKVIEW_13_KV_LD 356306	19.71 0.92 0.00	18.63 0.73 0.00	18.32 0.65 0.00	18.39 0.64 0.00	18.95 0.73 0.00	20.93 0.94 0.00	28.81 1.42 0.00	32.32 1.89 0.00	30.84 1.83 0.00	23.99 1.44 0.00	22.76 1.37 0.00	21.88 1.22 0.00	20.83 1.12 0.00	20.60 1.11 0.00	20.61 1.09 0.00	21.72 1.17 0.00	24.61 1.55 0.00	29.07 1.85 0.00	32.78 2.29 0.00	37.01 2.58 0.00	36.61 2.68 0.00	30.51 1.62 0.00	27.12 1.24 0.00	24.01 0.97 0.00

ROME____115KV_TB2 80656	19.37 0.58 0.00	18.45 0.55 0.00	18.25 0.58 0.00	18.35 0.60 0.00	18.84 0.62 0.00	20.69 0.70 0.00	28.45 1.07 0.00	31.68 1.25 0.00	30.00 0.99 0.00	23.22 0.68 0.00	21.97 0.58 0.00	21.26 0.60 0.00	20.29 0.59 0.00	20.08 0.58 0.00	20.12 0.61 0.00	21.23 0.68 0.00	23.85 0.78 0.00	28.15 0.93 0.00	31.96 1.46 0.00	36.29 1.86 0.00	35.66 1.73 0.00	30.28 1.39 0.00	27.12 1.24 0.00	24.07 1.04 0.00
ROSETON___1 23587	19.41 0.62 0.00	18.38 0.48 0.00	18.11 0.44 0.00	18.18 0.43 0.00	18.69 0.47 0.00	20.61 0.62 0.00	28.29 0.90 0.00	31.71 1.28 0.00	30.14 1.13 0.00	23.40 0.86 0.00	22.16 0.77 0.00	21.39 0.72 0.00	20.37 0.67 0.00	20.15 0.66 0.00	20.18 0.66 0.00	21.27 0.72 0.00	23.98 0.92 0.00	28.34 1.12 0.00	31.99 1.49 0.00	36.05 1.62 0.00	35.63 1.70 0.00	29.87 0.98 0.00	26.60 0.72 0.00	23.61 0.58 0.00
ROSETON___2 23588	19.41 0.62 0.00	18.38 0.48 0.00	18.11 0.44 0.00	18.18 0.43 0.00	18.69 0.47 0.00	20.61 0.62 0.00	28.29 0.90 0.00	31.71 1.28 0.00	30.14 1.13 0.00	23.40 0.86 0.00	22.16 0.77 0.00	21.39 0.72 0.00	20.37 0.67 0.00	20.15 0.66 0.00	20.18 0.66 0.00	21.27 0.72 0.00	23.98 0.92 0.00	28.34 1.12 0.00	31.99 1.49 0.00	36.05 1.62 0.00	35.63 1.70 0.00	29.87 0.98 0.00	26.60 0.72 0.00	23.61 0.58 0.00
ROTTDRAM_115KV_TB3 80664	19.22 0.43 0.00	18.27 0.38 0.00	18.02 0.35 0.00	18.09 0.34 0.00	18.60 0.38 0.00	20.45 0.46 0.00	28.04 0.66 0.00	31.29 0.85 0.00	29.71 0.70 0.00	23.02 0.47 0.00	21.84 0.45 0.00	21.06 0.39 0.00	20.08 0.37 0.00	19.86 0.37 0.00	19.89 0.37 0.00	20.96 0.41 0.00	23.57 0.51 0.00	27.85 0.63 0.00	31.41 0.91 0.00	35.50 1.07 0.00	35.05 1.12 0.00	29.61 0.72 0.00	26.40 0.52 0.00	23.48 0.44 0.00
RUSSELL___1 23602	18.53 -0.26 0.00	17.88 -0.02 0.00	17.77 0.11 0.00	17.87 0.12 0.00	18.24 0.02 0.00	19.83 -0.16 0.00	26.87 -0.52 0.00	29.52 -0.91 0.00	28.09 -0.93 0.00	22.16 -0.38 0.00	21.05 -0.34 0.00	20.54 -0.12 0.00	19.51 -0.20 0.00	19.32 -0.18 0.00	19.34 -0.18 0.00	20.31 -0.25 0.00	22.39 -0.67 0.00	26.35 -0.87 0.00	29.61 -0.88 0.00	33.54 -0.90 0.00	32.95 -0.98 0.00	27.82 -1.07 0.00	25.13 -0.75 0.00	22.62 -0.41 0.00
RUSSELL___2 23532	18.53 -0.26 0.00	17.88 -0.02 0.00	17.77 0.11 0.00	17.87 0.12 0.00	18.24 0.02 0.00	19.83 -0.16 0.00	26.87 -0.52 0.00	29.52 -0.91 0.00	28.09 -0.93 0.00	22.16 -0.38 0.00	21.05 -0.34 0.00	20.54 -0.12 0.00	19.51 -0.20 0.00	19.32 -0.18 0.00	19.34 -0.18 0.00	20.31 -0.25 0.00	22.39 -0.67 0.00	26.35 -0.87 0.00	29.61 -0.88 0.00	33.54 -0.90 0.00	32.95 -0.98 0.00	27.82 -1.07 0.00	25.13 -0.75 0.00	22.62 -0.41 0.00
RUSSELL___3 23549	18.53 -0.26 0.00	17.88 -0.02 0.00	17.77 0.11 0.00	17.87 0.12 0.00	18.24 0.02 0.00	19.83 -0.16 0.00	26.87 -0.52 0.00	29.52 -0.91 0.00	28.09 -0.93 0.00	22.16 -0.38 0.00	21.05 -0.34 0.00	20.54 -0.12 0.00	19.51 -0.20 0.00	19.32 -0.18 0.00	19.34 -0.18 0.00	20.31 -0.25 0.00	22.39 -0.67 0.00	26.35 -0.87 0.00	29.61 -0.88 0.00	33.54 -0.90 0.00	32.95 -0.98 0.00	27.82 -1.07 0.00	25.13 -0.75 0.00	22.62 -0.41 0.00
RUSSELL___4 23556	18.53 -0.26 0.00	17.88 -0.02 0.00	17.77 0.11 0.00	17.87 0.12 0.00	18.24 0.02 0.00	19.83 -0.16 0.00	26.87 -0.52 0.00	29.52 -0.91 0.00	28.09 -0.93 0.00	22.16 -0.38 0.00	21.05 -0.34 0.00	20.54 -0.12 0.00	19.51 -0.20 0.00	19.32 -0.18 0.00	19.34 -0.18 0.00	20.31 -0.25 0.00	22.39 -0.67 0.00	26.35 -0.87 0.00	29.61 -0.88 0.00	33.54 -0.90 0.00	32.95 -0.98 0.00	27.82 -1.07 0.00	25.13 -0.75 0.00	22.62 -0.41 0.00
RUSSELL___STATION 23914	18.53 -0.26 0.00	17.88 -0.02 0.00	17.77 0.11 0.00	17.87 0.12 0.00	18.24 0.02 0.00	19.83 -0.16 0.00	26.87 -0.52 0.00	29.52 -0.91 0.00	28.09 -0.93 0.00	22.16 -0.38 0.00	21.05 -0.34 0.00	20.54 -0.12 0.00	19.51 -0.20 0.00	19.32 -0.18 0.00	19.34 -0.18 0.00	20.31 -0.25 0.00	22.39 -0.67 0.00	26.35 -0.87 0.00	29.61 -0.88 0.00	33.54 -0.90 0.00	32.95 -0.98 0.00	27.82 -1.07 0.00	25.13 -0.75 0.00	22.62 -0.41 0.00
S SALMON___HYD 24043	18.55 -0.24 0.00	17.70 -0.20 0.00	17.51 -0.16 0.00	17.61 -0.14 0.00	18.07 -0.15 0.00	19.75 -0.24 0.00	27.06 -0.33 0.00	29.98 -0.46 0.00	28.40 -0.61 0.00	22.09 -0.45 0.00	21.01 -0.38 0.00	20.29 -0.37 0.00	19.35 -0.35 0.00	19.12 -0.37 0.00	19.11 -0.41 0.00	20.14 -0.41 0.00	22.53 -0.53 0.00	26.62 -0.60 0.00	30.10 -0.40 0.00	34.19 -0.24 0.00	33.62 -0.31 0.00	28.60 -0.29 0.00	25.75 -0.13 0.00	22.90 -0.14 0.00
S.PERRY__115KV_TB1 80734	19.37 0.58 0.00	18.66 0.77 0.00	18.55 0.88 0.00	18.67 0.92 0.00	19.09 0.87 0.00	20.85 0.86 0.00	28.56 1.18 0.00	31.38 0.94 0.00	29.51 0.49 0.00	22.84 0.29 0.00	21.57 0.17 0.00	20.99 0.33 0.00	19.96 0.26 0.00	19.70 0.21 0.00	19.75 0.23 0.00	20.78 0.23 0.00	23.11 0.05 0.00	27.33 0.11 0.00	31.08 0.58 0.00	35.57 1.14 0.00	35.02 1.09 0.00	29.47 0.58 0.00	26.45 0.57 0.00	23.73 0.69 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	18.32 -0.47 0.00	17.84 -0.05 0.00	17.74 0.07 0.00	17.86 0.11 0.00	18.15 -0.07 0.00	19.67 -0.32 0.00	26.13 -1.26 0.00	28.21 -2.22 0.00	26.72 -2.29 0.00	21.44 -1.10 0.00	20.39 -1.01 0.00	20.04 -0.62 0.00	18.95 -0.75 0.00	18.73 -0.76 0.00	18.80 -0.72 0.00	19.69 -0.86 0.00	21.45 -1.61 0.00	25.21 -2.01 0.00	28.24 -2.26 0.00	32.02 -2.41 0.00	31.38 -2.54 0.00	26.52 -2.37 0.00	24.15 -1.73 0.00	22.05 -0.99 0.00
SAWYER___23_KV_LOAD 55526	18.32 -0.47 0.00	17.84 -0.05 0.00	17.74 0.07 0.00	17.86 0.11 0.00	18.15 -0.07 0.00	19.67 -0.32 0.00	26.13 -1.26 0.00	28.21 -2.22 0.00	26.72 -2.29 0.00	21.44 -1.10 0.00	20.39 -1.01 0.00	20.04 -0.62 0.00	18.95 -0.75 0.00	18.73 -0.76 0.00	18.80 -0.72 0.00	19.69 -0.86 0.00	21.45 -1.61 0.00	25.21 -2.01 0.00	28.24 -2.26 0.00	32.02 -2.41 0.00	31.38 -2.54 0.00	26.52 -2.37 0.00	24.15 -1.73 0.00	22.05 -0.99 0.00
SELKIRK___I 23801	19.34 0.55 0.00	18.39 0.50 0.00	18.14 0.48 0.00	18.23 0.48 0.00	18.73 0.51 0.00	20.59 0.60 0.00	28.21 0.82 0.00	31.47 1.04 0.00	29.83 0.81 0.00	23.08 0.54 0.00	21.89 0.49 0.00	21.12 0.45 0.00	20.14 0.43 0.00	19.94 0.45 0.00	19.97 0.45 0.00	21.02 0.47 0.00	23.61 0.55 0.00	27.90 0.68 0.00	31.50 1.00 0.00	35.53 1.10 0.00	35.08 1.15 0.00	29.67 0.78 0.00	26.45 0.57 0.00	23.54 0.51 0.00
SELKIRK___II 23799	19.24 0.45 0.00	18.29 0.39 0.00	18.04 0.37 0.00	18.11 0.35 0.00	18.62 0.40 0.00	20.47 0.48 0.00	28.07 0.68 0.00	31.35 0.91 0.00	29.74 0.73 0.00	23.04 0.50 0.00	21.85 0.45 0.00	21.08 0.41 0.00	20.10 0.39 0.00	19.90 0.41 0.00	19.93 0.41 0.00	20.98 0.43 0.00	23.59 0.53 0.00	27.85 0.63 0.00	31.47 0.98 0.00	35.46 1.03 0.00	35.02 1.09 0.00	29.58 0.69 0.00	26.35 0.47 0.00	23.45 0.42 0.00

SENECA OSWGO___HYD 24041	18.55 -0.24 0.00	17.71 -0.18 0.00	17.51 -0.16 0.00	17.61 -0.14 0.00	18.06 -0.16 0.00	19.77 -0.22 0.00	27.06 -0.33 0.00	29.98 -0.46 0.00	28.49 -0.52 0.00	22.21 -0.34 0.00	21.12 -0.28 0.00	20.42 -0.25 0.00	19.47 -0.24 0.00	19.26 -0.23 0.00	19.26 -0.25 0.00	20.26 -0.29 0.00	22.65 -0.41 0.00	26.70 -0.52 0.00	30.01 -0.49 0.00	33.98 -0.45 0.00	33.45 -0.48 0.00	28.40 -0.49 0.00	25.57 -0.31 0.00	22.81 -0.23 0.00
SENECA___115KV_TB3 355854	18.62 -0.17 0.00	18.14 0.25 0.00	18.02 0.35 0.00	18.16 0.41 0.00	18.44 0.22 0.00	19.99 0.00 0.00	26.62 -0.77 0.00	28.76 -1.67 0.00	27.22 -1.80 0.00	21.84 -0.70 0.00	20.77 -0.62 0.00	20.37 -0.29 0.00	19.27 -0.43 0.00	19.04 -0.45 0.00	19.11 -0.41 0.00	20.02 -0.53 0.00	21.82 -1.25 0.00	25.61 -1.61 0.00	28.73 -1.77 0.00	32.61 -1.82 0.00	31.93 -2.00 0.00	26.98 -1.91 0.00	24.56 -1.32 0.00	22.42 -0.62 0.00
SENECA___ENERGY 23797	19.15 0.36 0.00	18.32 0.43 0.00	18.13 0.46 0.00	18.25 0.50 0.00	18.73 0.51 0.00	20.53 0.54 0.00	28.18 0.79 0.00	31.14 0.70 0.00	29.56 0.55 0.00	22.59 0.05 0.00	21.48 0.09 0.00	20.75 0.08 0.00	19.78 0.08 0.00	19.55 0.06 0.00	19.58 0.06 0.00	20.57 0.02 0.00	22.95 -0.11 0.00	27.06 -0.16 0.00	30.50 0.00 0.00	34.54 0.10 0.00	33.96 0.03 0.00	28.77 -0.12 0.00	25.85 -0.03 0.00	23.11 0.07 0.00
SHOEMAKER___GT 23640	19.35 0.56 0.00	18.34 0.45 0.00	18.07 0.41 0.00	18.14 0.39 0.00	18.66 0.44 0.00	20.57 0.58 0.00	28.24 0.85 0.00	31.66 1.22 0.00	30.09 1.07 0.00	23.35 0.81 0.00	22.12 0.73 0.00	21.35 0.68 0.00	20.31 0.61 0.00	20.11 0.62 0.00	20.14 0.62 0.00	21.23 0.68 0.00	23.94 0.88 0.00	28.28 1.06 0.00	31.90 1.40 0.00	36.05 1.62 0.00	35.59 1.66 0.00	29.87 0.98 0.00	26.60 0.72 0.00	23.61 0.58 0.00
SHOEMAKR_138KV_BK 111 55601	19.37 0.58 0.00	18.36 0.47 0.00	18.07 0.41 0.00	18.14 0.39 0.00	18.68 0.46 0.00	20.57 0.58 0.00	28.23 0.85 0.00	31.62 1.19 0.00	30.12 1.10 0.00	23.38 0.83 0.00	22.21 0.81 0.00	21.37 0.70 0.00	20.33 0.63 0.00	20.13 0.64 0.00	20.14 0.62 0.00	21.25 0.70 0.00	23.96 0.90 0.00	28.28 1.06 0.00	31.93 1.43 0.00	36.05 1.62 0.00	35.63 1.70 0.00	29.87 0.98 0.00	26.60 0.72 0.00	23.61 0.58 0.00
SHOREHAM_IC_1 23715	20.72 1.75 -0.18	19.29 1.40 0.00	18.96 1.29 0.00	19.03 1.28 0.00	19.62 1.40 0.00	21.69 1.70 0.00	29.74 2.36 0.00	32.78 2.34 0.00	30.70 1.68 0.00	24.18 1.64 0.01	22.83 1.43 0.00	21.82 1.16 0.00	20.90 1.20 0.00	20.62 1.13 0.00	20.51 0.99 0.00	21.78 1.23 0.00	24.68 1.71 0.09	29.55 2.18 -0.15	33.61 3.11 0.00	37.46 3.03 0.00	37.19 3.26 0.00	32.61 2.34 -1.38	27.61 1.73 0.00	24.49 1.45 0.00
SHOREHAM_IC_2 23716	20.72 1.75 -0.18	19.29 1.40 0.00	18.96 1.29 0.00	19.03 1.28 0.00	19.62 1.40 0.00	21.69 1.70 0.00	29.74 2.36 0.00	32.78 2.34 0.00	30.70 1.68 0.00	24.18 1.64 0.01	22.83 1.43 0.00	21.82 1.16 0.00	20.90 1.20 0.00	20.62 1.13 0.00	20.51 0.99 0.00	21.78 1.23 0.00	24.68 1.71 0.09	29.55 2.18 -0.15	33.61 3.11 0.00	37.46 3.03 0.00	37.19 3.26 0.00	32.61 2.34 -1.38	27.61 1.73 0.00	24.49 1.45 0.00
SISSONVILLE___ 23735	17.81 -0.98 0.00	16.95 -0.95 0.00	16.73 -0.94 0.00	16.81 -0.94 0.00	17.27 -0.95 0.00	18.95 -1.04 0.00	26.13 -1.26 0.00	29.10 -1.34 0.00	27.80 -1.22 0.00	21.48 -1.06 0.00	20.35 -1.05 0.00	19.63 -1.03 0.00	18.76 -0.95 0.00	18.54 -0.96 0.00	18.56 -0.96 0.00	19.59 -0.97 0.00	22.05 -1.01 0.00	26.13 -1.09 0.00	29.03 -1.46 0.00	32.88 -1.55 0.00	32.27 -1.66 0.00	27.82 -1.07 0.00	24.92 -0.96 0.00	22.09 -0.94 0.00
SITHE_IND_GS1 24169	18.41 -0.38 0.00	17.59 -0.30 0.00	17.38 -0.28 0.00	17.48 -0.27 0.00	17.91 -0.31 0.00	19.59 -0.40 0.00	26.78 -0.60 0.00	29.68 -0.76 0.00	28.20 -0.81 0.00	22.00 -0.54 0.00	20.92 -0.47 0.00	20.23 -0.43 0.00	19.29 -0.41 0.00	19.08 -0.41 0.00	19.11 -0.41 0.00	20.08 -0.47 0.00	22.44 -0.62 0.00	26.46 -0.76 0.00	29.70 -0.79 0.00	33.57 -0.86 0.00	33.08 -0.85 0.00	28.11 -0.78 0.00	25.36 -0.52 0.00	22.62 -0.41 0.00
SITHE_IND_GS2 24170	18.41 -0.38 0.00	17.59 -0.30 0.00	17.38 -0.28 0.00	17.48 -0.27 0.00	17.91 -0.31 0.00	19.59 -0.40 0.00	26.78 -0.60 0.00	29.68 -0.76 0.00	28.20 -0.81 0.00	22.00 -0.54 0.00	20.92 -0.47 0.00	20.23 -0.43 0.00	19.29 -0.41 0.00	19.08 -0.41 0.00	19.11 -0.41 0.00	20.08 -0.47 0.00	22.44 -0.62 0.00	26.46 -0.76 0.00	29.70 -0.79 0.00	33.57 -0.86 0.00	33.08 -0.85 0.00	28.11 -0.78 0.00	25.36 -0.52 0.00	22.62 -0.41 0.00
SITHE_IND_GS3 24171	18.41 -0.38 0.00	17.59 -0.30 0.00	17.38 -0.28 0.00	17.48 -0.27 0.00	17.91 -0.31 0.00	19.59 -0.40 0.00	26.78 -0.60 0.00	29.68 -0.76 0.00	28.20 -0.81 0.00	22.00 -0.54 0.00	20.92 -0.47 0.00	20.23 -0.43 0.00	19.29 -0.41 0.00	19.08 -0.41 0.00	19.11 -0.41 0.00	20.08 -0.47 0.00	22.44 -0.62 0.00	26.46 -0.76 0.00	29.70 -0.79 0.00	33.57 -0.86 0.00	33.08 -0.85 0.00	28.11 -0.78 0.00	25.36 -0.52 0.00	22.62 -0.41 0.00
SITHE_IND_GS4 24172	18.41 -0.38 0.00	17.59 -0.30 0.00	17.38 -0.28 0.00	17.48 -0.27 0.00	17.91 -0.31 0.00	19.59 -0.40 0.00	26.78 -0.60 0.00	29.68 -0.76 0.00	28.20 -0.81 0.00	22.00 -0.54 0.00	20.92 -0.47 0.00	20.23 -0.43 0.00	19.29 -0.41 0.00	19.08 -0.41 0.00	19.11 -0.41 0.00	20.08 -0.47 0.00	22.44 -0.62 0.00	26.46 -0.76 0.00	29.70 -0.79 0.00	33.57 -0.86 0.00	33.08 -0.85 0.00	28.11 -0.78 0.00	25.36 -0.52 0.00	22.62 -0.41 0.00
SITHE___BATAVIA 24024	18.62 -0.17 0.00	18.14 0.25 0.00	17.91 0.25 0.00	18.03 0.28 0.00	18.53 0.31 0.00	20.01 0.02 0.00	26.78 -0.60 0.00	29.13 -1.31 0.00	27.59 -1.42 0.00	21.94 -0.61 0.00	21.12 -0.28 0.00	20.37 -0.29 0.00	19.29 -0.41 0.00	19.08 -0.41 0.00	19.13 -0.39 0.00	20.06 -0.49 0.00	22.00 -1.06 0.00	25.86 -1.36 0.00	29.12 -1.37 0.00	33.05 -1.38 0.00	32.44 -1.49 0.00	27.36 -1.53 0.00	24.74 -1.14 0.00	22.51 -0.53 0.00
SITHE___INDEPEND 23800	18.40 -0.39 0.00	17.57 -0.32 0.00	17.38 -0.28 0.00	17.48 -0.27 0.00	17.91 -0.31 0.00	19.57 -0.42 0.00	26.78 -0.60 0.00	29.68 -0.76 0.00	28.20 -0.81 0.00	22.00 -0.54 0.00	20.88 -0.51 0.00	20.23 -0.43 0.00	19.29 -0.41 0.00	19.08 -0.41 0.00	19.11 -0.41 0.00	20.08 -0.47 0.00	22.44 -0.62 0.00	26.46 -0.76 0.00	29.70 -0.79 0.00	33.57 -0.86 0.00	33.08 -0.85 0.00	28.11 -0.78 0.00	25.36 -0.52 0.00	22.62 -0.41 0.00
SITHE___MASSENA 23902	18.49 -0.30 0.00	17.61 -0.29 0.00	17.38 -0.28 0.00	17.47 -0.28 0.00	17.93 -0.29 0.00	19.65 -0.34 0.00	27.00 -0.38 0.00	29.95 -0.49 0.00	28.67 -0.35 0.00	22.23 -0.32 0.00	21.07 -0.32 0.00	20.33 -0.33 0.00	19.43 -0.28 0.00	19.20 -0.29 0.00	19.25 -0.27 0.00	20.28 -0.27 0.00	22.79 -0.28 0.00	26.95 -0.27 0.00	29.89 -0.61 0.00	33.74 -0.69 0.00	33.18 -0.75 0.00	28.57 -0.32 0.00	25.62 -0.26 0.00	22.78 -0.25 0.00

SITHE___OGDNSBRG 24021	18.43 -0.36 0.00	17.54 -0.36 0.00	17.31 -0.35 0.00	17.41 -0.34 0.00	17.89 -0.33 0.00	19.65 -0.34 0.00	27.14 -0.25 0.00	30.22 -0.21 0.00	28.84 -0.17 0.00	22.34 -0.20 0.00	21.10 -0.30 0.00	20.35 -0.31 0.00	19.47 -0.24 0.00	19.22 -0.27 0.00	19.25 -0.27 0.00	20.26 -0.29 0.00	22.78 -0.28 0.00	26.98 -0.24 0.00	30.04 -0.46 0.00	34.02 -0.41 0.00	33.35 -0.58 0.00	28.80 -0.09 0.00	25.78 -0.10 0.00	22.85 -0.18 0.00
SITHE___STERLING 23777	19.30 0.51 0.00	18.39 0.50 0.00	18.18 0.51 0.00	18.28 0.53 0.00	18.79 0.57 0.00	20.61 0.62 0.00	28.32 0.93 0.00	31.50 1.06 0.00	29.86 0.84 0.00	23.15 0.61 0.00	21.93 0.54 0.00	21.20 0.54 0.00	20.24 0.53 0.00	20.02 0.53 0.00	20.06 0.55 0.00	21.15 0.60 0.00	23.73 0.67 0.00	28.01 0.79 0.00	31.68 1.19 0.00	35.94 1.51 0.00	35.32 1.39 0.00	29.99 1.10 0.00	26.86 0.98 0.00	23.87 0.83 0.00
SLEIGHT__34_KV_TB1 80719	18.41 -0.38 0.00	17.70 -0.20 0.00	17.54 -0.12 0.00	17.66 -0.09 0.00	18.06 -0.16 0.00	19.71 -0.28 0.00	26.89 -0.49 0.00	29.71 -0.73 0.00	28.20 -0.81 0.00	22.18 -0.36 0.00	21.05 -0.34 0.00	20.50 -0.17 0.00	19.51 -0.20 0.00	19.30 -0.19 0.00	19.30 -0.21 0.00	20.28 -0.27 0.00	22.48 -0.58 0.00	26.49 -0.73 0.00	29.76 -0.73 0.00	33.74 -0.69 0.00	33.18 -0.75 0.00	28.05 -0.84 0.00	25.23 -0.65 0.00	22.62 -0.41 0.00
SOUTH CAIRO___GT 23612	19.79 1.00 0.00	18.79 0.89 0.00	18.53 0.87 0.00	18.64 0.89 0.00	19.17 0.95 0.00	21.09 1.10 0.00	29.19 1.81 0.00	32.54 2.10 0.00	30.70 1.68 0.00	23.47 0.92 0.00	22.21 0.81 0.00	21.33 0.66 0.00	20.29 0.59 0.00	20.11 0.62 0.00	20.18 0.66 0.00	21.29 0.74 0.00	24.01 0.95 0.00	28.45 1.23 0.00	32.33 1.83 0.00	36.74 2.31 0.00	36.34 2.41 0.00	30.62 1.73 0.00	27.15 1.27 0.00	24.19 1.15 0.00
SOUTH HAMPTN___IC 23720	20.93 1.95 -0.18	19.49 1.59 0.00	19.15 1.48 0.00	19.22 1.47 0.00	19.82 1.60 0.00	21.93 1.94 0.00	30.10 2.71 0.00	33.27 2.83 0.00	31.19 2.18 0.00	24.52 1.98 0.01	23.13 1.73 0.00	22.11 1.45 0.00	21.12 1.42 0.00	20.85 1.36 0.00	20.79 1.27 0.00	22.07 1.52 0.00	25.00 2.03 0.09	29.95 2.59 -0.15	34.00 3.51 0.00	38.01 3.58 0.00	37.73 3.80 0.00	32.98 2.71 -1.38	27.95 2.07 0.00	24.81 1.77 0.00
SOUTHDOW__115KV_TB1 355954	19.26 0.47 0.00	18.68 0.79 0.00	18.53 0.87 0.00	18.73 0.98 0.00	18.95 0.73 0.00	20.57 0.58 0.00	27.66 0.27 0.00	29.92 -0.52 0.00	28.17 -0.84 0.00	22.61 0.07 0.00	21.46 0.06 0.00	21.02 0.35 0.00	19.86 0.16 0.00	19.59 0.10 0.00	19.62 0.10 0.00	20.51 -0.04 0.00	22.44 -0.62 0.00	26.30 -0.93 0.00	29.58 -0.91 0.00	33.85 -0.59 0.00	33.15 -0.78 0.00	27.96 -0.92 0.00	25.44 -0.44 0.00	23.25 0.21 0.00
SOUTHOLD_69_KV_BK 2 55809	21.27 2.29 -0.18	19.81 1.91 0.00	19.43 1.77 0.00	19.53 1.78 0.00	20.17 1.95 0.00	22.31 2.32 0.00	30.62 3.23 0.00	33.69 3.26 0.00	31.83 2.81 0.00	24.99 2.46 0.01	23.83 2.44 0.00	22.46 1.80 0.00	21.42 1.71 0.00	21.15 1.66 0.00	21.08 1.56 0.00	22.40 1.85 0.00	25.39 2.42 0.09	30.50 3.13 -0.15	34.61 4.12 0.00	38.80 4.37 0.00	38.44 4.51 0.00	33.53 3.26 -1.38	28.39 2.51 0.00	25.25 2.21 0.00
SOUTHOLD___IC 23719	21.27 2.29 -0.18	19.79 1.90 0.00	19.45 1.78 0.00	19.53 1.77 0.00	20.15 1.93 0.00	22.29 2.30 0.00	30.64 3.26 0.00	33.93 3.50 0.00	31.80 2.79 0.00	24.92 2.39 0.01	23.49 2.10 0.00	22.44 1.78 0.00	21.42 1.71 0.00	21.15 1.66 0.00	21.08 1.56 0.00	22.40 1.85 0.00	25.39 2.42 0.09	30.50 3.13 -0.15	34.61 4.12 0.00	38.73 4.30 0.00	38.44 4.51 0.00	33.53 3.26 -1.38	28.42 2.54 0.00	25.20 2.16 0.00
SOUTH_FORK_WT_PWR 323839	21.32 2.35 -0.18	19.84 1.95 0.00	19.50 1.84 0.00	19.58 1.83 0.00	20.21 1.99 0.00	22.35 2.36 0.00	30.73 3.34 0.00	34.03 3.59 0.00	31.89 2.87 0.00	24.99 2.46 0.01	23.55 2.16 0.00	22.48 1.82 0.00	21.44 1.73 0.00	21.17 1.68 0.00	21.10 1.58 0.00	22.42 1.87 0.00	25.42 2.44 0.09	30.50 3.13 -0.15	34.64 4.15 0.00	38.77 4.34 0.00	38.51 4.58 0.00	33.59 3.32 -1.38	28.47 2.59 0.00	25.25 2.21 0.00
SPIERFLS_115KV_TB 1 80737	19.41 0.62 0.00	18.45 0.55 0.00	18.20 0.53 0.00	18.28 0.53 0.00	18.84 0.62 0.00	20.73 0.74 0.00	28.59 1.20 0.00	31.93 1.49 0.00	30.29 1.28 0.00	23.35 0.81 0.00	22.14 0.75 0.00	21.26 0.60 0.00	20.27 0.57 0.00	20.08 0.58 0.00	20.12 0.61 0.00	21.19 0.64 0.00	23.89 0.83 0.00	28.20 0.98 0.00	31.99 1.49 0.00	36.33 1.89 0.00	35.90 1.97 0.00	30.16 1.27 0.00	26.76 0.88 0.00	23.80 0.76 0.00
ST LAWRENCE____ 23600	18.39 -0.40 0.00	17.50 -0.39 0.00	17.28 -0.39 0.00	17.38 -0.37 0.00	17.82 -0.40 0.00	19.55 -0.44 0.00	26.84 -0.55 0.00	29.74 -0.70 0.00	28.49 -0.52 0.00	22.11 -0.43 0.00	20.97 -0.43 0.00	20.23 -0.43 0.00	19.33 -0.37 0.00	19.10 -0.39 0.00	19.13 -0.39 0.00	20.16 -0.39 0.00	22.65 -0.41 0.00	26.78 -0.44 0.00	29.70 -0.79 0.00	33.54 -0.90 0.00	32.98 -0.95 0.00	28.43 -0.46 0.00	25.46 -0.42 0.00	22.65 -0.39 0.00
STATE_CA_115KV_115_LB 55624	19.43 0.64 0.00	18.47 0.57 0.00	18.20 0.53 0.00	18.27 0.51 0.00	18.80 0.58 0.00	20.67 0.68 0.00	28.37 0.99 0.00	31.68 1.25 0.00	30.06 1.04 0.00	23.26 0.72 0.00	22.10 0.71 0.00	21.30 0.64 0.00	20.29 0.59 0.00	20.11 0.62 0.00	20.14 0.62 0.00	21.21 0.66 0.00	23.87 0.81 0.00	28.15 0.93 0.00	31.84 1.34 0.00	35.95 1.51 0.00	35.49 1.56 0.00	29.93 1.04 0.00	26.63 0.75 0.00	23.68 0.65 0.00
STATE_ST_34_KV_LOAD 55959	18.98 0.19 0.00	18.14 0.25 0.00	17.95 0.28 0.00	18.07 0.32 0.00	18.51 0.29 0.00	20.27 0.28 0.00	27.82 0.44 0.00	30.83 0.40 0.00	29.25 0.23 0.00	22.79 0.25 0.00	21.59 0.19 0.00	20.93 0.27 0.00	19.96 0.26 0.00	19.74 0.25 0.00	19.75 0.23 0.00	20.78 0.23 0.00	23.20 0.14 0.00	27.36 0.14 0.00	30.77 0.27 0.00	34.88 0.45 0.00	34.37 0.44 0.00	29.06 0.17 0.00	26.09 0.21 0.00	23.29 0.25 0.00
STATION 5_MISC_HYD 23604	18.53 -0.26 0.00	17.91 0.02 0.00	17.68 0.02 0.00	17.80 0.05 0.00	18.27 0.05 0.00	19.83 -0.16 0.00	26.76 -0.63 0.00	29.34 -1.09 0.00	27.91 -1.10 0.00	22.03 -0.52 0.00	21.14 -0.26 0.00	20.44 -0.23 0.00	19.39 -0.32 0.00	19.20 -0.29 0.00	19.23 -0.29 0.00	20.18 -0.37 0.00	22.28 -0.78 0.00	26.21 -1.01 0.00	29.43 -1.07 0.00	33.30 -1.14 0.00	32.74 -1.19 0.00	27.65 -1.24 0.00	24.97 -0.91 0.00	22.51 -0.53 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	19.35 0.56 0.00	18.57 0.68 0.00	18.44 0.78 0.00	18.57 0.82 0.00	19.00 0.78 0.00	20.79 0.80 0.00	28.54 1.15 0.00	31.50 1.07 0.00	30.00 0.99 0.00	22.45 -0.09 0.00	21.31 -0.09 0.00	20.73 0.06 0.00	19.70 0.00 0.00	19.49 0.00 0.00	19.52 0.00 0.00	20.51 -0.04 0.00	22.74 -0.32 0.00	26.81 -0.41 0.00	30.16 -0.34 0.00	34.16 -0.28 0.00	33.56 -0.37 0.00	28.34 -0.55 0.00	25.52 -0.36 0.00	22.90 -0.14 0.00

STA_56___34_KV_BUS2_REV_LBMP_B 345033	18.36 -0.43 0.00	17.70 -0.20 0.00	17.58 -0.09 0.00	17.68 -0.07 0.00	18.06 -0.16 0.00	19.63 -0.36 0.00	26.62 -0.77 0.00	29.28 -1.16 0.00	27.85 -1.16 0.00	21.96 -0.59 0.00	20.88 -0.51 0.00	20.35 -0.31 0.00	19.35 -0.35 0.00	19.14 -0.35 0.00	19.19 -0.33 0.00	20.12 -0.43 0.00	22.23 -0.83 0.00	26.16 -1.06 0.00	29.37 -1.13 0.00	33.26 -1.17 0.00	32.67 -1.26 0.00	27.59 -1.30 0.00	24.92 -0.96 0.00	22.44 -0.60 0.00
STA_56___34_KV_BUS2 355983	18.36 -0.43 0.00	17.70 -0.20 0.00	17.58 -0.09 0.00	17.68 -0.07 0.00	18.06 -0.16 0.00	19.63 -0.36 0.00	26.62 -0.77 0.00	29.28 -1.16 0.00	27.85 -1.16 0.00	21.96 -0.59 0.00	20.88 -0.51 0.00	20.35 -0.31 0.00	19.35 -0.35 0.00	19.14 -0.35 0.00	19.19 -0.33 0.00	20.12 -0.43 0.00	22.23 -0.83 0.00	26.16 -1.06 0.00	29.37 -1.13 0.00	33.26 -1.17 0.00	32.67 -1.26 0.00	27.59 -1.30 0.00	24.92 -0.96 0.00	22.44 -0.60 0.00
STA_67___115KV_BK2 355882	18.41 -0.38 0.00	17.79 -0.11 0.00	17.67 0.00 0.00	17.77 0.02 0.00	18.13 -0.09 0.00	19.71 -0.28 0.00	26.67 -0.71 0.00	29.28 -1.16 0.00	27.82 -1.19 0.00	21.96 -0.59 0.00	20.88 -0.51 0.00	20.37 -0.29 0.00	19.35 -0.35 0.00	19.14 -0.35 0.00	19.19 -0.33 0.00	20.12 -0.43 0.00	22.18 -0.88 0.00	26.13 -1.09 0.00	29.31 -1.19 0.00	33.19 -1.24 0.00	32.64 -1.29 0.00	27.56 -1.33 0.00	24.92 -0.96 0.00	22.46 -0.58 0.00
STA_7___115KV_9TRANS 80674	18.53 -0.26 0.00	17.88 -0.02 0.00	17.77 0.11 0.00	17.87 0.12 0.00	18.24 0.02 0.00	19.83 -0.16 0.00	26.87 -0.52 0.00	29.52 -0.91 0.00	28.09 -0.93 0.00	22.16 -0.38 0.00	21.05 -0.34 0.00	20.54 -0.12 0.00	19.51 -0.20 0.00	19.32 -0.18 0.00	19.34 -0.18 0.00	20.31 -0.25 0.00	22.39 -0.67 0.00	26.35 -0.87 0.00	29.61 -0.88 0.00	33.54 -0.90 0.00	32.95 -0.98 0.00	27.82 -1.07 0.00	25.13 -0.75 0.00	22.62 -0.41 0.00
STA_82___115KV_TB1 80780	18.43 -0.36 0.00	17.79 -0.11 0.00	17.67 0.00 0.00	17.79 0.04 0.00	18.15 -0.07 0.00	19.73 -0.26 0.00	26.70 -0.68 0.00	29.31 -1.13 0.00	27.85 -1.16 0.00	21.98 -0.56 0.00	20.88 -0.51 0.00	20.37 -0.29 0.00	19.35 -0.35 0.00	19.14 -0.35 0.00	19.19 -0.33 0.00	20.14 -0.41 0.00	22.21 -0.85 0.00	26.13 -1.09 0.00	29.34 -1.16 0.00	33.23 -1.21 0.00	32.64 -1.29 0.00	27.59 -1.30 0.00	24.92 -0.96 0.00	22.46 -0.58 0.00
STEEL___WIND 323596	18.72 -0.07 0.00	18.27 0.38 0.00	18.00 0.33 0.00	18.14 0.39 0.00	18.58 0.36 0.00	20.09 0.10 0.00	26.62 -0.77 0.00	28.73 -1.70 0.00	27.19 -1.83 0.00	21.82 -0.72 0.00	21.05 -0.34 0.00	20.35 -0.31 0.00	19.25 -0.45 0.00	19.02 -0.47 0.00	19.09 -0.43 0.00	20.00 -0.55 0.00	21.84 -1.22 0.00	25.61 -1.61 0.00	28.73 -1.77 0.00	32.57 -1.86 0.00	31.89 -2.03 0.00	26.98 -1.91 0.00	24.53 -1.35 0.00	22.39 -0.64 0.00
STEPHTWN_115KV_BK_2 55603	19.50 0.71 0.00	18.54 0.64 0.00	18.25 0.58 0.00	18.34 0.59 0.00	18.88 0.66 0.00	20.77 0.78 0.00	28.54 1.15 0.00	31.84 1.40 0.00	30.20 1.19 0.00	23.35 0.81 0.00	22.17 0.77 0.00	21.37 0.70 0.00	20.37 0.67 0.00	20.19 0.70 0.00	20.22 0.70 0.00	21.29 0.74 0.00	23.96 0.90 0.00	28.28 1.06 0.00	31.99 1.49 0.00	36.12 1.69 0.00	35.66 1.73 0.00	30.10 1.21 0.00	26.76 0.88 0.00	23.80 0.76 0.00
STEUBEN_REC_LFGE 323667	19.65 0.86 0.00	18.90 1.00 0.00	18.76 1.10 0.00	18.92 1.17 0.00	19.33 1.11 0.00	21.21 1.22 0.00	29.03 1.64 0.00	31.90 1.46 0.00	30.26 1.25 0.00	23.31 0.77 0.00	22.04 0.64 0.00	21.37 0.70 0.00	20.33 0.63 0.00	20.06 0.57 0.00	20.08 0.57 0.00	21.07 0.51 0.00	23.43 0.37 0.00	27.68 0.46 0.00	31.35 0.85 0.00	35.74 1.31 0.00	35.12 1.19 0.00	29.64 0.75 0.00	26.60 0.72 0.00	23.82 0.78 0.00
STILLWATER___SOLAR 323814	19.41 0.62 0.00	18.45 0.56 0.00	18.20 0.53 0.00	18.28 0.53 0.00	18.80 0.58 0.00	20.69 0.70 0.00	28.45 1.07 0.00	31.77 1.34 0.00	30.12 1.10 0.00	23.26 0.72 0.00	22.06 0.66 0.00	21.24 0.58 0.00	20.25 0.55 0.00	20.06 0.57 0.00	20.08 0.57 0.00	21.15 0.60 0.00	23.82 0.76 0.00	28.12 0.90 0.00	31.87 1.37 0.00	36.05 1.62 0.00	35.59 1.66 0.00	29.99 1.10 0.00	26.68 0.80 0.00	23.73 0.69 0.00
STONY___BROOK 24151	20.55 1.58 -0.18	19.15 1.25 0.00	18.81 1.15 0.00	18.87 1.12 0.00	19.46 1.24 0.00	21.53 1.54 0.00	29.60 2.22 0.00	32.93 2.50 0.00	31.07 2.06 0.00	24.34 1.80 0.01	22.96 1.56 0.00	22.05 1.38 0.00	21.00 1.30 0.00	20.82 1.33 0.00	20.81 1.29 0.00	22.05 1.50 0.00	24.93 1.96 0.09	29.90 2.53 -0.15	33.67 3.17 0.00	37.77 3.34 0.00	37.46 3.53 0.00	32.66 2.40 -1.38	27.79 1.92 0.00	24.58 1.54 0.00
STURGEON_POOL_HYD 23609	19.41 0.62 0.00	18.36 0.47 0.00	18.06 0.39 0.00	18.14 0.39 0.00	18.66 0.44 0.00	20.57 0.58 0.00	28.26 0.88 0.00	31.65 1.22 0.00	30.12 1.10 0.00	23.38 0.83 0.00	22.19 0.79 0.00	21.35 0.68 0.00	20.29 0.59 0.00	20.09 0.60 0.00	20.12 0.61 0.00	21.23 0.68 0.00	23.96 0.90 0.00	28.34 1.12 0.00	31.96 1.46 0.00	36.08 1.65 0.00	35.69 1.76 0.00	29.87 0.98 0.00	26.58 0.70 0.00	23.57 0.53 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	19.47 0.68 0.00	18.43 0.54 0.00	18.14 0.48 0.00	18.21 0.46 0.00	18.75 0.53 0.00	20.67 0.68 0.00	28.37 0.99 0.00	31.81 1.37 0.00	30.29 1.28 0.00	23.53 0.99 0.00	22.34 0.94 0.00	21.49 0.83 0.00	20.45 0.75 0.00	20.25 0.76 0.00	20.26 0.74 0.00	21.37 0.82 0.00	24.09 1.06 0.03	28.46 1.25 0.01	32.14 1.65 0.00	36.29 1.86 0.00	35.86 1.93 0.00	30.02 1.13 0.00	26.73 0.85 0.00	23.73 0.69 0.00
SWANROAD_115KV_TB1 355699	17.85 -0.94 0.00	17.43 -0.47 0.00	17.33 -0.34 0.00	17.45 -0.30 0.00	17.73 -0.49 0.00	19.19 -0.80 0.00	25.44 -1.94 0.00	27.42 -3.01 0.00	26.00 -3.02 0.00	20.85 -1.69 0.00	19.83 -1.56 0.00	19.51 -1.16 0.00	18.44 -1.26 0.00	18.22 -1.27 0.00	18.29 -1.23 0.00	19.15 -1.40 0.00	20.85 -2.21 0.00	24.50 -2.72 0.00	27.45 -3.05 0.00	31.09 -3.34 0.00	30.47 -3.46 0.00	25.74 -3.15 0.00	23.47 -2.41 0.00	21.47 -1.57 0.00
SYNERGY___BIOGAS 323694	18.62 -0.17 0.00	18.14 0.25 0.00	17.91 0.25 0.00	18.03 0.28 0.00	18.53 0.31 0.00	20.01 0.02 0.00	26.78 -0.60 0.00	29.13 -1.31 0.00	27.59 -1.42 0.00	21.94 -0.61 0.00	21.12 -0.28 0.00	20.37 -0.29 0.00	19.29 -0.41 0.00	19.08 -0.41 0.00	19.13 -0.39 0.00	20.06 -0.49 0.00	22.00 -1.06 0.00	25.86 -1.36 0.00	29.12 -1.37 0.00	33.05 -1.38 0.00	32.44 -1.49 0.00	27.36 -1.53 0.00	24.74 -1.14 0.00	22.51 -0.53 0.00
SYRACUSE___ENERGY_ST1 323597	18.85 0.06 0.00	18.00 0.11 0.00	17.81 0.14 0.00	17.93 0.18 0.00	18.35 0.13 0.00	20.11 0.12 0.00	27.55 0.16 0.00	30.53 0.09 0.00	29.01 0.00 0.00	22.61 0.07 0.00	21.46 0.06 0.00	20.81 0.14 0.00	19.84 0.14 0.00	19.61 0.12 0.00	19.64 0.12 0.00	20.63 0.08 0.00	23.06 0.00 0.00	27.17 -0.05 0.00	30.53 0.03 0.00	34.57 0.14 0.00	34.03 0.10 0.00	28.89 0.00 0.00	25.98 0.10 0.00	23.18 0.14 0.00

SYRACUSE___ENERGY_ST2 323598	18.85 0.06 0.00	18.00 0.11 0.00	17.81 0.14 0.00	17.93 0.18 0.00	18.35 0.13 0.00	20.11 0.12 0.00	27.55 0.16 0.00	30.53 0.09 0.00	29.01 0.00 0.00	22.61 0.07 0.00	21.46 0.06 0.00	20.81 0.14 0.00	19.84 0.14 0.00	19.61 0.12 0.00	19.64 0.12 0.00	20.63 0.08 0.00	23.06 0.00 0.00	27.17 -0.05 0.00	30.53 0.03 0.00	34.57 0.14 0.00	34.03 0.10 0.00	28.89 0.00 0.00	25.98 0.10 0.00	23.18 0.14 0.00
SYRACUSE___POWER 24017	18.81 0.02 0.00	17.95 0.05 0.00	17.77 0.11 0.00	17.87 0.12 0.00	18.31 0.09 0.00	20.07 0.08 0.00	27.50 0.11 0.00	30.44 0.00 0.00	28.93 -0.09 0.00	22.57 0.02 0.00	21.42 0.02 0.00	20.75 0.08 0.00	19.80 0.10 0.00	19.59 0.10 0.00	19.60 0.08 0.00	20.61 0.06 0.00	23.01 -0.05 0.00	27.11 -0.11 0.00	30.47 -0.03 0.00	34.50 0.07 0.00	33.93 0.00 0.00	28.83 -0.06 0.00	25.93 0.05 0.00	23.13 0.09 0.00
TALLMAN__138KV_BK151 55660	19.60 0.81 0.00	18.54 0.64 0.00	18.23 0.57 0.00	18.30 0.55 0.00	18.84 0.62 0.00	20.81 0.82 0.00	28.59 1.20 0.00	31.99 1.55 0.00	30.49 1.48 0.00	23.71 1.17 0.00	22.51 1.11 0.00	21.63 0.97 0.00	20.61 0.91 0.00	20.39 0.90 0.00	20.42 0.90 0.00	21.52 0.97 0.00	24.26 1.25 0.05	28.67 1.47 0.02	32.36 1.86 0.00	36.53 2.10 0.00	36.10 2.17 0.00	30.19 1.30 0.00	26.89 1.01 0.00	23.82 0.78 0.00
TEALLAVE_115KV_TB7 355573	18.73 -0.06 0.00	17.89 0.00 0.00	17.72 0.05 0.00	17.82 0.07 0.00	18.26 0.04 0.00	19.99 0.00 0.00	27.36 -0.03 0.00	30.28 -0.15 0.00	28.78 -0.23 0.00	22.47 -0.07 0.00	21.35 -0.04 0.00	20.68 0.02 0.00	19.74 0.04 0.00	19.51 0.02 0.00	19.54 0.02 0.00	20.53 -0.02 0.00	22.92 -0.14 0.00	26.98 -0.24 0.00	30.28 -0.21 0.00	34.29 -0.14 0.00	33.73 -0.20 0.00	28.66 -0.23 0.00	25.83 -0.05 0.00	23.04 0.00 0.00
TELGRAPH_34_KV_EAST 80808	18.28 -0.51 0.00	17.80 -0.09 0.00	17.72 0.05 0.00	17.84 0.09 0.00	18.15 -0.07 0.00	19.65 -0.34 0.00	26.24 -1.15 0.00	28.46 -1.98 0.00	26.98 -2.03 0.00	21.55 -0.99 0.00	20.48 -0.92 0.00	20.09 -0.58 0.00	18.99 -0.71 0.00	18.79 -0.70 0.00	18.84 -0.68 0.00	19.75 -0.80 0.00	21.56 -1.50 0.00	25.34 -1.88 0.00	28.45 -2.04 0.00	32.26 -2.17 0.00	31.66 -2.27 0.00	26.69 -2.20 0.00	24.27 -1.60 0.00	22.12 -0.92 0.00
TEMPLE___115KV_TB 2 55572	18.75 -0.04 0.00	17.91 0.02 0.00	17.74 0.07 0.00	17.84 0.09 0.00	18.27 0.05 0.00	20.01 0.02 0.00	27.39 0.00 0.00	30.31 -0.12 0.00	28.81 -0.20 0.00	22.50 -0.05 0.00	21.37 -0.02 0.00	20.71 0.04 0.00	19.76 0.06 0.00	19.53 0.04 0.00	19.56 0.04 0.00	20.55 0.00 0.00	22.95 -0.12 0.00	27.00 -0.22 0.00	30.28 -0.21 0.00	34.29 -0.14 0.00	33.76 -0.17 0.00	28.69 -0.20 0.00	25.85 -0.03 0.00	23.06 0.02 0.00
TIANA____69_KV_BK 1 55817	20.87 1.90 -0.18	19.43 1.54 0.00	19.08 1.41 0.00	19.15 1.40 0.00	19.77 1.55 0.00	21.87 1.88 0.00	29.96 2.57 0.00	32.90 2.47 0.00	31.10 2.09 0.01	24.49 1.96 0.00	23.38 1.99 0.00	22.05 1.38 0.00	21.06 1.36 0.00	20.80 1.31 0.00	20.73 1.21 0.00	21.99 1.44 0.00	24.93 1.96 0.09	29.87 2.50 -0.15	33.88 3.39 0.00	37.94 3.51 0.00	37.60 3.66 0.00	32.90 2.63 -1.38	27.85 1.97 0.00	24.77 1.73 0.00
TILDEN___115KV_TB1 80814	18.81 0.02 0.00	17.95 0.05 0.00	17.77 0.11 0.00	17.87 0.12 0.00	18.31 0.09 0.00	20.07 0.08 0.00	27.50 0.11 0.00	30.44 0.00 0.00	28.93 -0.09 0.00	22.57 0.02 0.00	21.42 0.02 0.00	20.75 0.08 0.00	19.80 0.10 0.00	19.59 0.10 0.00	19.60 0.08 0.00	20.61 0.06 0.00	23.01 -0.05 0.00	27.11 -0.11 0.00	30.47 -0.03 0.00	34.50 0.07 0.00	33.93 0.00 0.00	28.83 -0.06 0.00	25.93 0.05 0.00	23.13 0.09 0.00
TRIGEN___CC 323695	20.16 1.18 -0.18	18.82 0.93 0.00	18.48 0.81 0.00	18.55 0.80 0.00	19.13 0.91 0.00	21.17 1.18 0.00	29.11 1.73 0.00	32.48 2.04 0.00	30.90 1.89 0.00	24.11 1.58 0.01	22.89 1.50 0.00	21.92 1.26 0.00	20.85 1.14 0.00	20.66 1.17 0.00	20.67 1.15 0.00	21.87 1.32 0.00	24.66 1.68 0.09	29.49 2.12 -0.15	33.09 2.59 0.00	37.32 2.89 0.00	36.95 3.02 0.00	32.23 1.96 -1.38	27.43 1.55 0.00	24.28 1.24 0.00
TRINITY__115KV__ 4 BK 55933	19.34 0.54 0.00	18.38 0.48 0.00	18.09 0.42 0.00	18.18 0.43 0.00	18.69 0.47 0.00	20.57 0.58 0.00	28.21 0.82 0.00	31.47 1.03 0.00	29.86 0.84 0.00	23.13 0.59 0.00	21.97 0.58 0.00	21.18 0.52 0.00	20.20 0.49 0.00	20.00 0.51 0.00	20.03 0.51 0.00	21.09 0.53 0.00	23.71 0.65 0.00	27.98 0.76 0.00	31.66 1.16 0.00	35.67 1.24 0.00	35.22 1.29 0.00	29.73 0.84 0.00	26.45 0.57 0.00	23.54 0.51 0.00
UNION___PROCESSING_DRP 323587	18.43 -0.36 0.00	17.80 -0.09 0.00	17.68 0.02 0.00	17.79 0.04 0.00	18.17 -0.05 0.00	19.75 -0.24 0.00	26.73 -0.66 0.00	29.31 -1.13 0.00	27.88 -1.13 0.00	21.98 -0.56 0.00	20.90 -0.49 0.00	20.40 -0.27 0.00	19.37 -0.33 0.00	19.16 -0.33 0.00	19.19 -0.33 0.00	20.14 -0.41 0.00	22.21 -0.85 0.00	26.13 -1.09 0.00	29.34 -1.16 0.00	33.23 -1.21 0.00	32.67 -1.26 0.00	27.59 -1.30 0.00	24.95 -0.93 0.00	22.48 -0.55 0.00
UPPER HUDSON___HYD 24058	19.39 0.60 0.00	18.45 0.56 0.00	18.20 0.53 0.00	18.28 0.53 0.00	18.82 0.60 0.00	20.71 0.72 0.00	28.59 1.20 0.00	31.93 1.49 0.00	30.29 1.28 0.00	23.33 0.79 0.00	22.12 0.73 0.00	21.26 0.60 0.00	20.28 0.57 0.00	20.07 0.58 0.00	20.12 0.61 0.00	21.19 0.64 0.00	23.87 0.81 0.00	28.20 0.98 0.00	31.99 1.49 0.00	36.32 1.89 0.00	35.90 1.97 0.00	30.16 1.27 0.00	26.76 0.88 0.00	23.80 0.76 0.00
UPPER RAQUET___HYD 24056	17.81 -0.98 0.00	16.94 -0.95 0.00	16.73 -0.94 0.00	16.81 -0.94 0.00	17.25 -0.97 0.00	18.95 -1.04 0.00	26.13 -1.26 0.00	29.07 -1.37 0.00	27.80 -1.22 0.00	21.48 -1.06 0.00	20.33 -1.07 0.00	19.63 -1.03 0.00	18.76 -0.95 0.00	18.54 -0.95 0.00	18.56 -0.96 0.00	19.59 -0.97 0.00	22.05 -1.01 0.00	26.10 -1.12 0.00	29.03 -1.46 0.00	32.88 -1.55 0.00	32.27 -1.66 0.00	27.82 -1.07 0.00	24.92 -0.96 0.00	22.09 -0.95 0.00
VALLEY44_115KV_TB2 355964	19.11 0.32 0.00	18.59 0.70 0.00	18.44 0.78 0.00	18.58 0.83 0.00	18.89 0.67 0.00	20.55 0.56 0.00	27.47 0.08 0.00	29.68 -0.76 0.00	28.35 -0.67 0.00	22.77 0.23 0.00	21.63 0.24 0.00	21.10 0.43 0.00	20.00 0.30 0.00	19.74 0.25 0.00	19.79 0.27 0.00	20.72 0.16 0.00	22.72 -0.35 0.00	26.59 -0.63 0.00	29.80 -0.70 0.00	33.91 -0.52 0.00	33.22 -0.71 0.00	28.02 -0.87 0.00	25.59 -0.28 0.00	23.31 0.28 0.00
VALLEY___115KV_TB 1-4 80826	18.70 -0.09 0.00	17.79 -0.11 0.00	17.58 -0.09 0.00	17.64 -0.11 0.00	18.13 -0.09 0.00	19.89 -0.10 0.00	27.28 -0.11 0.00	30.41 -0.03 0.00	28.93 -0.09 0.00	22.38 -0.16 0.00	21.22 -0.17 0.00	20.50 -0.17 0.00	19.55 -0.16 0.00	19.32 -0.18 0.00	19.32 -0.20 0.00	20.37 -0.18 0.00	22.88 -0.18 0.00	27.00 -0.22 0.00	30.44 -0.06 0.00	34.43 0.00 0.00	33.93 0.00 0.00	28.83 -0.06 0.00	25.83 -0.05 0.00	22.97 -0.07 0.00

VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	19.97 1.18 0.00	19.00 1.11 0.00	18.80 1.13 0.00	18.89 1.14 0.00	19.42 1.20 0.00	21.39 1.40 0.00	29.49 2.11 0.00	33.11 2.68 0.00	31.48 2.47 0.00	24.48 1.94 0.00	23.15 1.75 0.00	22.40 1.74 0.00	21.32 1.62 0.00	21.05 1.56 0.00	21.10 1.58 0.00	22.20 1.64 0.00	24.84 1.78 0.00	29.18 1.96 0.00	33.12 2.62 0.00	37.46 3.03 0.00	36.75 2.82 0.00	31.06 2.17 0.00	27.77 1.89 0.00	24.63 1.59 0.00
VISCHER___FERRY HYD 24020	19.24 0.45 0.00	18.27 0.38 0.00	18.02 0.35 0.00	18.09 0.34 0.00	18.58 0.36 0.00	20.45 0.46 0.00	28.07 0.68 0.00	31.38 0.94 0.00	29.71 0.70 0.00	22.99 0.45 0.00	21.80 0.41 0.00	21.04 0.37 0.00	20.06 0.36 0.00	19.86 0.37 0.00	19.89 0.37 0.00	20.94 0.39 0.00	23.57 0.51 0.00	27.82 0.60 0.00	31.50 1.00 0.00	35.53 1.10 0.00	35.08 1.15 0.00	29.58 0.69 0.00	26.32 0.44 0.00	23.41 0.37 0.00
V_A_10_SYNC_DSASP 323832	18.15 -0.64 0.00	17.66 -0.23 0.00	17.44 -0.23 0.00	17.54 -0.21 0.00	17.98 -0.24 0.00	19.47 -0.52 0.00	25.91 -1.48 0.00	28.09 -2.34 0.00	26.69 -2.32 0.00	21.30 -1.24 0.00	20.52 -0.88 0.00	19.84 -0.83 0.00	18.80 -0.91 0.00	18.59 -0.90 0.00	18.64 -0.88 0.00	19.55 -1.01 0.00	21.42 -1.64 0.00	25.15 -2.07 0.00	28.18 -2.32 0.00	31.88 -2.55 0.00	31.28 -2.65 0.00	26.49 -2.40 0.00	24.04 -1.84 0.00	21.84 -1.20 0.00
V_CMM_10_SYNC_DSASP 323787	18.47 -0.32 0.00	17.59 -0.30 0.00	17.37 -0.30 0.00	17.45 -0.30 0.00	17.89 -0.33 0.00	19.63 -0.36 0.00	26.95 -0.44 0.00	29.86 -0.58 0.00	28.64 -0.38 0.00	22.21 -0.34 0.00	21.05 -0.34 0.00	20.31 -0.35 0.00	19.41 -0.30 0.00	19.18 -0.31 0.00	19.21 -0.31 0.00	20.24 -0.31 0.00	22.74 -0.32 0.00	26.90 -0.33 0.00	29.83 -0.67 0.00	33.67 -0.76 0.00	33.12 -0.81 0.00	28.51 -0.38 0.00	25.57 -0.31 0.00	22.74 -0.30 0.00
V_CMP_10_SYNC_DSASP 323788	18.32 -0.47 0.00	17.45 -0.45 0.00	17.28 -0.39 0.00	17.36 -0.39 0.00	17.80 -0.42 0.00	19.53 -0.46 0.00	26.86 -0.52 0.00	29.86 -0.58 0.00	28.61 -0.41 0.00	22.14 -0.41 0.00	20.97 -0.43 0.00	20.19 -0.47 0.00	19.37 -0.34 0.00	19.12 -0.37 0.00	19.19 -0.33 0.00	20.28 -0.27 0.00	22.74 -0.32 0.00	27.03 -0.19 0.00	29.98 -0.52 0.00	33.95 -0.48 0.00	33.22 -0.71 0.00	28.57 -0.32 0.00	25.67 -0.21 0.00	22.81 -0.23 0.00
V_D_10_SYNC_DSASP 323841	18.49 -0.30 0.00	17.61 -0.29 0.00	17.38 -0.28 0.00	17.47 -0.28 0.00	17.93 -0.29 0.00	19.65 -0.34 0.00	27.00 -0.38 0.00	29.95 -0.49 0.00	28.70 -0.32 0.00	22.25 -0.29 0.00	21.07 -0.32 0.00	20.35 -0.31 0.00	19.45 -0.26 0.00	19.22 -0.27 0.00	19.25 -0.27 0.00	20.28 -0.27 0.00	22.79 -0.28 0.00	26.95 -0.27 0.00	29.89 -0.61 0.00	33.74 -0.69 0.00	33.18 -0.75 0.00	28.60 -0.29 0.00	25.62 -0.26 0.00	22.81 -0.23 0.00
V_E_10_SYNC_DSASP 323830	20.50 1.71 0.00	19.58 1.68 0.00	19.42 1.75 0.00	19.54 1.79 0.00	20.11 1.89 0.00	22.09 2.10 0.00	30.48 3.09 0.00	33.84 3.41 0.00	31.89 2.87 0.00	24.57 2.03 0.00	23.15 1.75 0.00	22.32 1.65 0.00	21.26 1.56 0.00	20.97 1.48 0.00	21.06 1.54 0.00	22.18 1.62 0.00	24.86 1.80 0.00	29.32 2.10 0.00	33.64 3.14 0.00	38.36 3.92 0.00	37.52 3.59 0.00	31.75 2.86 0.00	28.42 2.54 0.00	25.20 2.16 0.00
V_F_30_NSYNC___DSASP 323816	19.45 0.66 0.00	18.48 0.59 0.00	18.23 0.57 0.00	18.32 0.57 0.00	18.84 0.62 0.00	20.73 0.74 0.00	28.51 1.12 0.00	31.81 1.37 0.00	30.18 1.16 0.00	23.31 0.77 0.00	22.10 0.70 0.00	21.26 0.60 0.00	20.28 0.57 0.00	20.07 0.58 0.00	20.12 0.61 0.00	21.19 0.64 0.00	23.85 0.78 0.00	28.17 0.95 0.00	31.90 1.40 0.00	36.08 1.65 0.00	35.66 1.73 0.00	30.05 1.16 0.00	26.71 0.83 0.00	23.77 0.74 0.00
V_F_30_SYNC_DSASP 323786	19.43 0.64 0.00	18.47 0.57 0.00	18.20 0.53 0.00	18.27 0.51 0.00	18.80 0.58 0.00	20.67 0.68 0.00	28.37 0.99 0.00	31.68 1.25 0.00	30.06 1.04 0.00	23.26 0.72 0.00	22.10 0.71 0.00	21.30 0.64 0.00	20.29 0.59 0.00	20.11 0.62 0.00	20.14 0.62 0.00	21.21 0.66 0.00	23.87 0.81 0.00	28.15 0.93 0.00	31.84 1.34 0.00	35.95 1.51 0.00	35.49 1.56 0.00	29.93 1.04 0.00	26.63 0.75 0.00	23.68 0.65 0.00
V_XM_10_SYNC_DSASP 323789	18.32 -0.47 0.00	17.45 -0.45 0.00	17.28 -0.39 0.00	17.36 -0.39 0.00	17.80 -0.42 0.00	19.53 -0.46 0.00	26.86 -0.52 0.00	29.86 -0.58 0.00	28.61 -0.41 0.00	22.14 -0.41 0.00	20.97 -0.43 0.00	20.19 -0.47 0.00	19.37 -0.34 0.00	19.12 -0.37 0.00	19.19 -0.33 0.00	20.28 -0.27 0.00	22.74 -0.32 0.00	27.03 -0.19 0.00	29.98 -0.52 0.00	33.95 -0.48 0.00	33.22 -0.71 0.00	28.57 -0.32 0.00	25.67 -0.21 0.00	22.81 -0.23 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	19.64 0.85 0.00	18.59 0.70 0.00	18.29 0.62 0.00	18.35 0.60 0.00	18.89 0.67 0.00	20.85 0.86 0.00	28.67 1.29 0.00	32.11 1.67 0.00	30.61 1.60 0.00	23.78 1.24 0.01	22.57 1.18 0.00	21.70 1.03 0.00	20.65 0.95 0.00	20.45 0.96 0.00	20.47 0.96 0.00	21.58 1.03 0.00	24.33 1.31 0.05	28.75 1.55 0.02	32.48 1.98 0.00	36.67 2.24 0.00	36.24 2.31 0.00	30.30 1.42 0.00	26.97 1.09 0.00	23.91 0.88 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	19.75 0.96 0.00	18.66 0.77 0.00	18.34 0.67 0.00	18.41 0.66 0.00	18.99 0.77 0.00	20.99 1.00 0.00	28.89 1.51 0.00	32.43 1.98 -0.02	30.94 1.91 -0.02	24.29 1.51 -0.24	22.84 1.43 -0.02	21.96 1.28 -0.02	20.90 1.18 -0.02	20.67 1.17 -0.01	20.67 1.15 0.00	21.81 1.25 0.00	26.95 1.57 -2.32	29.95 1.88 -0.85	32.90 2.35 -0.05	37.10 2.65 -0.02	36.66 2.71 -0.02	30.56 1.68 0.00	27.17 1.29 0.00	24.05 1.01 0.00
W50THST__13_KV_LOAD 356117	19.82 1.03 0.00	18.73 0.84 0.00	18.41 0.74 0.00	18.48 0.73 0.00	19.04 0.82 0.00	21.07 1.08 0.00	29.03 1.64 0.00	32.61 2.16 -0.02	31.09 2.06 -0.02	24.40 1.62 -0.24	22.95 1.54 -0.02	22.08 1.41 -0.02	21.02 1.30 -0.02	20.77 1.27 -0.01	20.79 1.27 0.00	21.91 1.36 0.00	27.06 1.68 -2.32	30.11 2.04 -0.85	33.08 2.53 -0.05	37.27 2.82 -0.02	36.83 2.88 -0.02	30.68 1.79 0.00	27.28 1.40 0.00	24.14 1.11 0.00
WADING RIVER_IC_1 23522	20.74 1.77 -0.18	19.31 1.41 0.00	18.97 1.31 0.00	19.05 1.30 0.00	19.64 1.42 0.00	21.71 1.72 0.00	29.74 2.36 0.00	32.78 2.34 0.00	30.67 1.65 0.00	24.18 1.64 0.01	22.83 1.43 0.00	21.82 1.16 0.00	20.90 1.20 0.00	20.60 1.11 0.00	20.49 0.98 0.00	21.76 1.21 0.00	24.68 1.71 0.09	29.52 2.15 -0.15	33.61 3.11 0.00	37.42 2.99 0.00	37.16 3.23 0.00	32.58 2.31 -1.38	27.59 1.71 0.00	24.49 1.45 0.00
WADING RIVER_IC_2 23547	20.74 1.77 -0.18	19.31 1.41 0.00	18.97 1.31 0.00	19.05 1.30 0.00	19.64 1.42 0.00	21.71 1.72 0.00	29.74 2.36 0.00	32.78 2.34 0.00	30.67 1.65 0.00	24.18 1.64 0.01	22.83 1.43 0.00	21.82 1.16 0.00	20.90 1.20 0.00	20.60 1.11 0.00	20.49 0.98 0.00	21.76 1.21 0.00	24.68 1.71 0.09	29.52 2.15 -0.15	33.61 3.11 0.00	37.42 2.99 0.00	37.16 3.23 0.00	32.58 2.31 -1.38	27.59 1.71 0.00	24.49 1.45 0.00



WADING RIVER_IC_3 23601	20.74 1.77 -0.18	19.31 1.41 0.00	18.97 1.31 0.00	19.05 1.30 0.00	19.64 1.42 0.00	21.71 1.72 0.00	29.74 2.36 0.00	32.78 2.34 0.00	30.67 1.65 0.00	24.18 1.64 0.01	22.83 1.43 0.00	21.82 1.16 0.00	20.90 1.20 0.00	20.60 1.11 0.00	20.49 0.98 0.00	21.76 1.21 0.00	24.68 1.71 0.09	29.52 2.15 -0.15	33.61 3.11 0.00	37.42 2.99 0.00	37.16 3.23 0.00	32.58 2.31 -1.38	27.59 1.71 0.00	24.49 1.45 0.00
WALDENNY_I2_KV_BK2 80841	18.56 -0.23 0.00	18.09 0.20 0.00	17.97 0.30 0.00	18.11 0.36 0.00	18.38 0.16 0.00	19.93 -0.06 0.00	26.54 -0.85 0.00	28.67 -1.77 0.00	27.16 -1.86 0.00	21.78 -0.77 0.00	20.71 -0.68 0.00	20.33 -0.33 0.00	19.23 -0.47 0.00	19.00 -0.49 0.00	19.07 -0.45 0.00	19.98 -0.58 0.00	21.77 -1.29 0.00	25.56 -1.66 0.00	28.67 -1.83 0.00	32.54 -1.89 0.00	31.86 -2.07 0.00	26.90 -1.99 0.00	24.51 -1.37 0.00	22.35 -0.69 0.00
WALDEN___HYDRO 24148	19.56 0.77 0.00	18.52 0.63 0.00	18.21 0.55 0.00	18.30 0.55 0.00	18.84 0.62 0.00	20.77 0.78 0.00	28.54 1.15 0.00	31.96 1.52 0.00	30.38 1.36 0.00	23.56 1.01 0.00	22.36 0.96 0.00	21.51 0.85 0.00	20.43 0.73 0.00	20.23 0.74 0.00	20.26 0.74 0.00	21.39 0.84 0.00	24.17 1.11 0.00	28.58 1.36 0.00	32.30 1.80 0.00	36.57 2.13 0.00	36.14 2.21 0.00	30.25 1.36 0.00	26.89 1.01 0.00	23.84 0.81 0.00
WARRENSBURG____ 23737	19.39 0.60 0.00	18.45 0.56 0.00	18.20 0.53 0.00	18.28 0.53 0.00	18.82 0.60 0.00	20.71 0.72 0.00	28.59 1.20 0.00	31.93 1.49 0.00	30.29 1.28 0.00	23.33 0.79 0.00	22.12 0.73 0.00	21.26 0.60 0.00	20.28 0.57 0.00	20.07 0.58 0.00	20.12 0.61 0.00	21.19 0.64 0.00	23.87 0.81 0.00	28.20 0.98 0.00	31.99 1.49 0.00	36.32 1.89 0.00	35.90 1.97 0.00	30.16 1.27 0.00	26.76 0.88 0.00	23.80 0.76 0.00
WATERSIDE___6 8 9 23538	19.85 1.05 -0.01	18.76 0.86 -0.01	18.43 0.76 0.00	18.48 0.73 0.00	19.06 0.84 0.00	21.05 1.06 0.00	28.95 1.56 0.00	32.49 2.04 -0.02	30.97 1.94 -0.02	24.31 1.53 -0.23	22.87 1.45 -0.02	21.98 1.30 -0.02	20.92 1.20 -0.02	20.69 1.19 -0.01	20.69 1.17 0.00	21.83 1.27 0.00	27.03 1.66 -2.31	30.05 1.99 -0.84	32.99 2.44 -0.05	37.13 2.69 -0.02	36.69 2.75 -0.02	30.62 1.73 0.00	27.25 1.37 0.00	24.14 1.11 0.00
WATKINRD_115KV_LN8_ILLION 55919	18.81 0.02 0.00	17.89 0.00 0.00	17.67 0.00 0.00	17.75 0.00 0.00	18.22 0.00 0.00	19.99 0.00 0.00	27.41 0.03 0.00	30.56 0.12 0.00	29.07 0.06 0.00	22.54 0.00 0.00	21.37 -0.02 0.00	20.64 -0.02 0.00	19.68 -0.02 0.00	19.47 -0.02 0.00	19.50 -0.02 0.00	20.53 -0.02 0.00	23.06 0.00 0.00	27.22 0.00 0.00	30.68 0.18 0.00	34.67 0.24 0.00	34.17 0.24 0.00	29.00 0.12 0.00	25.96 0.08 0.00	23.08 0.05 0.00
WATSON___69_KV_BK 1 55734	20.65 1.67 -0.18	19.24 1.34 0.00	18.87 1.20 0.00	18.96 1.21 0.00	19.55 1.33 0.00	21.65 1.66 0.00	29.74 2.36 0.00	32.93 2.50 0.00	31.25 2.23 0.00	24.47 1.94 0.01	23.26 1.86 0.00	22.13 1.47 0.00	21.06 1.36 0.00	20.87 1.38 0.00	20.88 1.37 0.00	22.13 1.58 0.00	25.03 2.05 0.09	30.03 2.67 -0.15	33.79 3.29 0.00	38.05 3.62 0.00	37.70 3.77 0.00	32.87 2.60 -1.38	27.95 2.07 0.00	24.74 1.70 0.00
WDELAWARE___HYD 323627	19.65 0.86 0.00	18.61 0.72 0.00	18.34 0.67 0.00	18.41 0.66 0.00	18.93 0.71 0.00	20.87 0.88 0.00	28.75 1.37 0.00	32.20 1.76 0.00	30.67 1.65 0.00	23.74 1.19 0.00	22.49 1.09 0.00	21.66 0.99 0.00	20.57 0.87 0.00	20.37 0.88 0.00	20.38 0.86 0.00	21.54 0.99 0.00	24.33 1.27 0.00	28.77 1.55 0.00	32.54 2.04 0.00	36.88 2.44 0.00	36.41 2.48 0.00	30.51 1.62 0.00	27.12 1.24 0.00	24.05 1.01 0.00
WEST BABYLON___IC 23714	20.53 1.56 -0.18	19.13 1.23 0.00	18.78 1.11 0.00	18.85 1.10 0.00	19.46 1.24 0.00	21.53 1.54 0.00	29.60 2.22 0.00	32.87 2.43 0.00	31.19 2.18 0.00	24.40 1.87 0.01	23.17 1.78 0.00	22.09 1.43 0.00	21.02 1.32 0.00	20.84 1.34 0.00	20.85 1.33 0.00	22.09 1.54 0.00	24.96 1.98 0.09	29.93 2.56 -0.15	33.67 3.17 0.00	37.91 3.48 0.00	37.56 3.63 0.00	32.75 2.48 -1.38	27.85 1.97 0.00	24.67 1.64 0.00
WEST CANADA___HYD 24049	18.85 0.06 0.00	17.95 0.05 0.00	17.72 0.05 0.00	17.80 0.05 0.00	18.27 0.05 0.00	20.05 0.06 0.00	27.47 0.08 0.00	30.62 0.18 0.00	29.16 0.15 0.00	22.63 0.09 0.00	21.48 0.09 0.00	20.75 0.08 0.00	19.76 0.06 0.00	19.57 0.08 0.00	19.60 0.08 0.00	20.63 0.08 0.00	23.18 0.12 0.00	27.36 0.14 0.00	30.74 0.24 0.00	34.71 0.27 0.00	34.23 0.30 0.00	29.03 0.15 0.00	25.98 0.10 0.00	23.13 0.09 0.00
WESTERN_NY_WIND 24143	18.51 -0.28 0.00	18.00 0.11 0.00	17.91 0.25 0.00	18.03 0.28 0.00	18.37 0.15 0.00	19.89 -0.10 0.00	26.70 -0.68 0.00	29.07 -1.37 0.00	27.53 -1.48 0.00	21.89 -0.65 0.00	20.77 -0.62 0.00	20.35 -0.31 0.00	19.25 -0.45 0.00	19.04 -0.45 0.00	19.09 -0.43 0.00	20.02 -0.53 0.00	21.91 -1.15 0.00	25.81 -1.42 0.00	29.03 -1.46 0.00	32.99 -1.45 0.00	32.37 -1.56 0.00	27.27 -1.62 0.00	24.71 -1.16 0.00	22.46 -0.58 0.00
WESTOVER___LESR 323668	19.17 0.38 0.00	18.32 0.43 0.00	18.13 0.46 0.00	18.25 0.50 0.00	18.68 0.46 0.00	20.49 0.50 0.00	27.96 0.58 0.00	30.92 0.49 0.00	29.45 0.44 0.00	22.93 0.38 0.00	21.76 0.36 0.00	21.06 0.39 0.00	20.06 0.35 0.00	19.82 0.33 0.00	19.85 0.33 0.00	20.88 0.33 0.00	23.29 0.23 0.00	27.47 0.24 0.00	30.89 0.40 0.00	35.02 0.59 0.00	34.44 0.51 0.00	29.15 0.26 0.00	26.22 0.34 0.00	23.43 0.39 0.00
WETHRSFD_WT_PWR 323626	18.39 -0.40 0.00	17.97 0.07 0.00	17.70 0.04 0.00	17.82 0.07 0.00	18.26 0.04 0.00	19.71 -0.28 0.00	26.13 -1.26 0.00	28.15 -2.28 0.00	26.66 -2.35 0.00	21.39 -1.15 0.00	20.63 -0.77 0.00	19.92 -0.74 0.00	18.86 -0.85 0.00	18.63 -0.86 0.00	18.72 -0.80 0.00	19.61 -0.95 0.00	21.38 -1.68 0.00	25.07 -2.15 0.00	28.12 -2.38 0.00	31.88 -2.55 0.00	31.18 -2.75 0.00	26.38 -2.51 0.00	23.99 -1.89 0.00	21.91 -1.13 0.00
WHAVSTOR_138KV_BK127 55557	19.58 0.79 0.00	18.52 0.63 0.00	18.21 0.55 0.00	18.28 0.53 0.00	18.84 0.62 0.00	20.79 0.80 0.00	28.56 1.18 0.00	31.99 1.55 0.00	30.49 1.48 0.00	23.71 1.17 0.01	22.49 1.09 0.00	21.63 0.97 0.00	20.59 0.89 0.00	20.37 0.88 0.00	20.40 0.88 0.00	21.50 0.95 0.00	24.23 1.22 0.05	28.64 1.44 0.02	32.36 1.86 0.00	36.53 2.10 0.00	36.07 2.14 0.00	30.16 1.27 0.00	26.86 0.98 0.00	23.82 0.78 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	19.58 0.79 0.00	18.52 0.63 0.00	18.21 0.55 0.00	18.28 0.53 0.00	18.84 0.62 0.00	20.79 0.80 0.00	28.56 1.18 0.00	31.99 1.55 0.00	30.49 1.48 0.00	23.71 1.17 0.01	22.49 1.09 0.00	21.63 0.97 0.00	20.59 0.89 0.00	20.37 0.88 0.00	20.40 0.88 0.00	21.50 0.95 0.00	24.23 1.22 0.05	28.64 1.44 0.02	32.36 1.86 0.00	36.53 2.10 0.00	36.07 2.14 0.00	30.16 1.27 0.00	26.86 0.98 0.00	23.82 0.78 0.00

WHITEHAL_115KV_TB1 80871	19.62 0.83 0.00	18.65 0.75 0.00	18.39 0.72 0.00	18.48 0.73 0.00	19.06 0.84 0.00	20.99 1.00 0.00	29.03 1.64 0.00	32.41 1.98 0.00	30.75 1.74 0.00	23.62 1.08 0.00	22.40 1.01 0.00	21.47 0.81 0.00	20.45 0.75 0.00	20.27 0.78 0.00	20.32 0.80 0.00	21.44 0.88 0.00	24.19 1.13 0.00	28.58 1.36 0.00	32.45 1.95 0.00	36.98 2.55 0.00	36.64 2.71 0.00	30.65 1.76 0.00	27.15 1.27 0.00	24.10 1.06 0.00
WHITEPLN_13_KV_LOAD 356215	19.79 1.00 0.00	18.70 0.81 0.00	18.39 0.72 0.00	18.46 0.71 0.00	19.02 0.80 0.00	21.01 1.02 0.00	28.89 1.51 0.00	32.48 2.04 0.00	30.96 1.94 0.00	24.02 1.49 0.01	22.81 1.41 0.00	21.92 1.26 0.00	20.87 1.16 0.00	20.64 1.15 0.00	20.65 1.13 0.00	21.79 1.23 0.00	24.55 1.57 0.08	29.10 1.91 0.03	32.84 2.35 0.00	37.15 2.72 0.00	36.75 2.82 0.00	30.62 1.73 0.00	27.22 1.35 0.00	24.10 1.06 0.00
WM_FLOYD_69_KV_BK2 356380	20.66 1.69 -0.18	19.25 1.36 0.00	18.89 1.22 0.00	18.96 1.21 0.00	19.57 1.35 0.00	21.63 1.64 0.00	29.66 2.27 0.00	32.63 2.19 0.00	30.87 1.86 0.00	24.29 1.76 0.01	23.17 1.78 0.00	21.90 1.24 0.00	20.92 1.22 0.00	20.68 1.19 0.00	20.65 1.13 0.00	21.89 1.34 0.00	24.80 1.82 0.09	29.71 2.34 -0.15	33.61 3.11 0.00	37.67 3.24 0.00	37.32 3.39 0.00	32.64 2.37 -1.38	27.69 1.81 0.00	24.58 1.54 0.00
WOODARD__115KV_TB2 355635	18.71 -0.08 0.00	17.86 -0.04 0.00	17.68 0.02 0.00	17.79 0.04 0.00	18.22 0.00 0.00	19.95 -0.04 0.00	27.30 -0.08 0.00	30.22 -0.21 0.00	28.72 -0.29 0.00	22.43 -0.11 0.00	21.31 -0.09 0.00	20.64 -0.02 0.00	19.68 -0.02 0.00	19.47 -0.02 0.00	19.50 -0.02 0.00	20.49 -0.06 0.00	22.88 -0.18 0.00	26.95 -0.27 0.00	30.25 -0.24 0.00	34.26 -0.17 0.00	33.73 -0.20 0.00	28.63 -0.26 0.00	25.78 -0.10 0.00	22.99 -0.05 0.00
YORK__WARBASSE 23770	19.93 1.13 -0.01	18.83 0.93 -0.01	18.48 0.81 0.00	18.53 0.78 0.00	19.11 0.89 0.00	21.11 1.12 0.00	29.03 1.64 0.00	32.58 2.13 -0.02	31.03 2.00 -0.02	24.35 1.58 -0.23	22.91 1.50 -0.02	22.02 1.34 -0.02	20.98 1.26 -0.02	20.75 1.25 -0.01	20.75 1.23 0.00	21.91 1.36 0.00	27.13 1.75 -2.32	30.16 2.10 -0.84	33.20 2.65 -0.05	37.30 2.86 -0.02	36.86 2.92 -0.02	30.77 1.88 0.00	27.41 1.53 0.00	24.28 1.24 0.00