

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

03/10/2024

Name	00:00	01:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EST	EST	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	22.63	20.46	18.89	19.42	20.55	21.48	23.03	23.57	22.60	23.17	23.26	22.79	22.38	22.32	22.37	24.39	30.87	32.91	36.47	35.67	28.55	24.27	23.27
24138	1.24	1.08	0.85	0.78	0.58	0.63	0.97	1.02	0.85	0.91	1.00	0.96	1.00	1.06	1.06	1.21	1.66	2.15	2.48	2.30	1.54	1.37	1.54
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	22.63	20.48	18.90	19.46	20.61	21.57	23.01	23.55	22.63	23.15	23.17	22.77	22.34	22.21	22.32	24.37	30.87	32.91	36.47	35.71	28.55	24.31	23.36
24260	1.24	1.10	0.87	0.82	0.64	0.71	0.95	0.99	0.87	0.89	0.91	0.94	0.96	0.96	1.02	1.18	1.66	2.15	2.48	2.34	1.54	1.42	1.63
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	22.63	20.48	18.90	19.46	20.61	21.57	23.01	23.55	22.63	23.15	23.17	22.77	22.34	22.21	22.32	24.37	30.87	32.91	36.47	35.71	28.55	24.31	23.36
24261	1.24	1.10	0.87	0.82	0.64	0.71	0.95	0.99	0.87	0.89	0.91	0.94	0.96	0.96	1.02	1.18	1.66	2.15	2.48	2.34	1.54	1.42	1.63
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	22.52	20.32	18.83	19.48	20.69	21.67	22.99	23.52	22.73	23.24	23.23	22.73	22.27	22.15	22.20	24.28	30.70	32.63	36.30	35.47	28.44	24.02	22.93
24011	1.13	0.95	0.79	0.84	0.72	0.81	0.93	0.97	0.98	0.98	0.98	0.90	0.90	0.89	0.89	1.09	1.49	1.88	2.31	2.10	1.43	1.12	1.20
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	22.58	20.36	18.89	19.50	20.75	21.67	23.10	23.61	22.80	23.33	23.32	22.82	22.34	22.26	22.28	24.37	30.81	32.72	36.44	35.61	28.52	24.08	22.95
23798	1.20	0.99	0.85	0.86	0.78	0.81	1.04	1.06	1.04	1.07	1.07	0.98	0.96	1.00	0.98	1.18	1.61	1.97	2.45	2.24	1.51	1.19	1.22
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	22.52	20.32	18.83	19.48	20.69	21.67	22.99	23.52	22.73	23.24	23.23	22.73	22.27	22.15	22.20	24.28	30.70	32.63	36.30	35.47	28.44	24.02	22.93
24028	1.13	0.95	0.79	0.84	0.72	0.81	0.93	0.97	0.98	0.98	0.98	0.90	0.90	0.89	0.89	1.09	1.49	1.88	2.31	2.10	1.43	1.12	1.20
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	22.22	20.17	18.71	19.25	20.39	21.25	22.62	23.23	22.34	22.91	22.90	22.42	21.97	21.92	21.98	24.09	30.49	32.26	35.82	35.04	28.17	23.81	22.71
23527	0.83	0.79	0.67	0.61	0.42	0.40	0.55	0.68	0.59	0.65	0.65	0.59	0.60	0.66	0.68	0.90	1.28	1.51	1.83	1.67	1.16	0.92	0.98
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	22.20	20.11	18.65	19.26	20.45	21.38	22.61	23.16	22.32	22.88	22.86	22.42	21.97	21.85	21.94	23.95	30.26	32.05	35.55	34.81	27.98	23.74	22.66
24190	0.81	0.74	0.61	0.62	0.48	0.52	0.55	0.61	0.57	0.62	0.60	0.59	0.60	0.60	0.64	0.77	1.05	1.29	1.56	1.43	0.97	0.85	0.93
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	20.74	18.78	17.61	18.23	19.79	20.79	21.97	22.46	21.67	22.15	22.14	21.68	21.25	21.11	21.11	22.98	28.83	30.02	33.05	32.57	26.63	22.53	21.11
355683	-0.64	-0.58	-0.43	-0.41	-0.18	-0.06	-0.09	-0.09	-0.09	-0.11	-0.11	-0.15	-0.13	-0.15	-0.19	-0.21	-0.38	-0.74	-0.92	-0.80	-0.38	-0.37	-0.61
	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.01
ALBANY_1_SOLAR	22.41	20.26	18.81	19.39	20.63	21.50	22.84	23.34	22.50	23.02	23.03	22.55	22.12	22.02	22.05	24.09	30.40	32.20	35.76	35.01	28.14	23.86	22.77
323833	1.03	0.89	0.78	0.75	0.66	0.65	0.77	0.79	0.74	0.76	0.78	0.72	0.75	0.76	0.75	0.90	1.20	1.45	1.77	1.63	1.13	0.96	1.04
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	22.39	20.26	18.80	19.39	20.63	21.50	22.84	23.34	22.47	23.02	23.03	22.55	22.10	22.02	22.05	24.09	30.40	32.20	35.76	35.01	28.14	23.86	22.77
323834	1.01	0.89	0.76	0.75	0.66	0.65	0.77	0.79	0.72	0.76	0.78	0.72	0.73	0.76	0.75	0.90	1.20	1.45	1.77	1.63	1.13	0.96	1.04
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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___I	22.20	20.11	18.65	19.26	20.45	21.38	22.61	23.16	22.32	22.88	22.86	22.42	21.97	21.85	21.94	23.95	30.26	32.05	35.55	34.81	27.98	23.74	22.66
23571	0.81	0.74	0.61	0.62	0.48	0.52	0.55	0.61	0.57	0.62	0.60	0.59	0.60	0.60	0.64	0.77	1.05	1.29	1.56	1.43	0.97	0.85	0.93
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	22.20 0.81 0.00	20.11 0.74 0.00	18.65 0.61 0.00	19.26 0.62 0.00	20.45 0.48 0.00	21.38 0.52 0.00	22.61 0.55 0.00	23.16 0.61 0.00	22.32 0.57 0.00	22.88 0.62 0.00	22.86 0.60 0.00	22.42 0.59 0.00	21.97 0.60 0.00	21.85 0.60 0.00	21.94 0.64 0.00	23.95 0.77 0.00	30.26 1.05 0.00	32.05 1.29 0.00	35.55 1.56 0.00	34.81 1.43 0.00	27.98 0.97 0.00	23.74 0.85 0.00	22.66 0.93 0.00
ALBANY___3 23573	22.20 0.81 0.00	20.11 0.74 0.00	18.65 0.61 0.00	19.26 0.62 0.00	20.45 0.48 0.00	21.38 0.52 0.00	22.61 0.55 0.00	23.16 0.61 0.00	22.32 0.57 0.00	22.88 0.62 0.00	22.86 0.60 0.00	22.42 0.59 0.00	21.97 0.60 0.00	21.85 0.60 0.00	21.94 0.64 0.00	23.95 0.77 0.00	30.26 1.05 0.00	32.05 1.29 0.00	35.55 1.56 0.00	34.81 1.43 0.00	27.98 0.97 0.00	23.74 0.85 0.00	22.66 0.93 0.00
ALBANY___4 23574	22.20 0.81 0.00	20.11 0.74 0.00	18.65 0.61 0.00	19.26 0.62 0.00	20.45 0.48 0.00	21.38 0.52 0.00	22.61 0.55 0.00	23.16 0.61 0.00	22.32 0.57 0.00	22.88 0.62 0.00	22.86 0.60 0.00	22.42 0.59 0.00	21.97 0.60 0.00	21.85 0.60 0.00	21.94 0.64 0.00	23.95 0.77 0.00	30.26 1.05 0.00	32.05 1.29 0.00	35.55 1.56 0.00	34.81 1.43 0.00	27.98 0.97 0.00	23.74 0.85 0.00	22.66 0.93 0.00
ALBANY___LFGE 323615	22.37 0.98 0.00	20.24 0.87 0.00	18.78 0.74 0.00	19.35 0.71 0.00	20.55 0.58 0.00	21.44 0.58 0.00	22.77 0.71 0.00	23.30 0.74 0.00	22.45 0.70 0.00	23.02 0.76 0.00	23.03 0.78 0.00	22.58 0.74 0.00	22.12 0.75 0.00	22.02 0.76 0.00	22.07 0.77 0.00	24.12 0.93 0.00	30.43 1.23 0.00	32.26 1.51 0.00	35.79 1.80 0.00	35.01 1.63 0.00	28.14 1.13 0.00	23.86 0.96 0.00	22.77 1.04 0.00
ALCOA_PA_115KV_PL-6C 55860	20.72 -0.66 0.01	18.76 -0.60 0.01	17.61 -0.43 0.00	18.21 -0.43 0.00	19.79 -0.18 0.00	20.86 0.00 0.00	22.04 -0.02 0.00	22.55 0.00 0.00	21.73 -0.02 0.00	22.24 -0.02 0.00	22.21 -0.04 0.00	21.75 -0.09 0.00	21.31 -0.06 0.00	21.19 -0.06 0.00	21.20 -0.11 0.00	23.05 -0.14 0.00	28.83 -0.38 0.00	30.78 -0.74 -0.76	34.13 -0.88 -1.02	32.57 -0.80 0.00	27.34 -0.35 -0.68	22.85 -0.30 -0.25	21.91 -0.54 -0.72
ALCOA_RYNLDS___DRP 24188	20.72 -0.66 0.01	18.76 -0.60 0.01	17.61 -0.43 0.00	18.21 -0.43 0.00	19.79 -0.18 0.00	20.86 0.00 0.00	22.04 -0.02 0.00	22.55 0.00 0.00	21.73 -0.02 0.00	22.24 -0.02 0.00	22.21 -0.04 0.00	21.75 -0.09 0.00	21.31 -0.06 0.00	21.19 -0.06 0.00	21.20 -0.11 0.00	23.05 -0.14 0.00	28.83 -0.38 0.00	30.78 -0.74 -0.76	34.13 -0.88 -1.02	32.57 -0.80 0.00	27.34 -0.35 -0.68	22.85 -0.30 -0.25	21.91 -0.54 -0.72
ALCOA___DSASP 323711	20.71 -0.66 0.01	18.76 -0.60 0.01	17.61 -0.43 0.00	18.21 -0.43 0.00	19.77 -0.20 0.00	20.86 0.00 0.00	22.04 -0.02 0.00	22.55 0.00 0.00	21.73 -0.02 0.00	22.24 -0.02 0.00	22.23 -0.02 0.00	21.75 -0.09 0.00	21.31 -0.06 0.00	21.19 -0.06 0.00	21.20 -0.11 0.00	23.05 -0.14 0.00	28.83 -0.38 0.00	30.78 -0.74 -0.76	34.09 -0.92 -1.02	32.57 -0.80 0.00	27.31 -0.38 -0.68	22.85 -0.30 -0.25	21.89 -0.57 -0.72
ALLEGHENY___COGEN 23514	21.86 0.47 0.00	19.76 0.39 0.00	18.33 0.29 0.00	18.96 0.32 0.00	20.07 0.10 0.00	20.75 -0.10 0.00	21.67 -0.40 0.00	21.81 -0.74 0.00	21.08 -0.67 0.00	21.39 -0.87 0.00	21.32 -0.93 0.00	21.03 -0.81 0.00	20.46 -0.92 0.00	20.32 -0.93 0.00	20.43 -0.87 0.00	22.24 -0.95 0.00	28.10 -1.11 0.00	30.36 -0.40 0.00	33.96 -0.03 0.00	33.34 -0.03 0.00	26.74 -0.43 -0.16	22.69 -0.21 0.00	21.77 0.04 0.00
ALTAMONT_115KV_TB 2 55880	22.05 0.66 0.00	19.97 0.60 0.00	18.53 0.49 0.00	19.12 0.48 0.00	20.33 0.36 0.00	21.25 0.40 0.00	22.50 0.44 0.00	23.03 0.47 0.00	22.19 0.44 0.00	22.73 0.47 0.00	22.72 0.47 0.00	22.27 0.44 0.00	21.82 0.45 0.00	21.70 0.45 0.00	21.79 0.49 0.00	23.79 0.60 0.00	30.02 0.82 0.00	31.83 1.08 0.00	35.28 1.29 0.00	34.57 1.20 0.00	27.79 0.78 0.00	23.58 0.69 0.00	22.51 0.78 0.00
ALTONA_WT_PWR 323606	19.95 -1.43 0.01	18.03 -1.34 0.01	17.37 -0.67 0.00	17.61 -1.03 0.00	19.37 -0.60 0.00	20.71 -0.14 0.00	21.75 -0.31 0.00	22.31 -0.25 0.00	21.56 -0.20 0.00	22.13 -0.13 0.00	22.12 -0.13 0.00	21.53 -0.31 0.00	21.05 -0.32 0.00	20.81 -0.45 0.00	20.64 -0.66 0.00	22.24 -0.95 0.00	27.78 -1.43 0.00	0.31 -2.03 28.41	-7.01 -2.11 38.89	31.30 -2.07 0.00	0.23 -1.43 25.35	12.24 -1.30 9.35	-7.03 -1.52 27.24
AMERICAN_REF_FUEL 24010	19.59 -1.80 0.00	17.71 -1.67 0.00	16.49 -1.55 0.00	17.11 -1.53 0.00	18.03 -1.94 0.00	18.29 -2.57 0.00	19.26 -2.80 0.00	19.62 -2.93 0.00	19.32 -2.44 0.00	19.59 -2.67 0.00	19.49 -2.76 0.00	19.43 -2.40 0.00	18.79 -2.59 0.00	18.49 -2.76 0.00	18.62 -2.68 0.00	19.87 -3.32 0.00	24.75 -4.44 0.02	26.35 -4.40 0.01	28.94 -5.03 0.02	28.42 -4.94 0.02	21.73 -4.32 0.96	19.77 -3.11 0.01	19.30 -2.43 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	20.51 -0.88 0.00	18.48 -0.89 0.00	17.19 -0.85 0.00	17.60 -1.04 0.00	18.53 -1.44 0.00	18.81 -2.04 0.00	19.88 -2.18 0.00	20.23 -2.32 0.00	19.86 -1.89 0.00	20.14 -2.12 0.00	20.03 -2.23 0.00	19.85 -1.99 0.00	19.19 -2.18 0.00	18.85 -2.40 0.00	18.96 -2.34 0.00	20.24 -2.95 0.00	25.16 -4.03 0.01	26.87 -3.88 0.01	29.53 -4.45 0.01	28.79 -4.57 0.01	22.12 -4.13 0.76	20.32 -2.56 0.01	19.75 -1.98 0.00
ARTHUR KILL_GT_1 23520	22.74 1.35 -0.01	20.60 1.22 -0.01	18.98 0.94 0.00	19.48 0.84 0.00	20.43 0.46 0.00	21.26 0.42 0.01	22.78 0.73 0.01	23.31 0.77 0.01	22.35 0.61 0.01	22.92 0.67 0.01	23.00 0.76 0.01	22.57 0.74 0.01	22.16 0.79 0.01	22.14 0.89 0.01	22.15 0.85 0.01	24.18 1.00 0.01	30.69 1.49 0.01	32.74 2.00 0.01	36.29 2.31 0.01	35.50 2.14 0.01	28.33 1.32 0.01	24.08 1.19 0.01	23.35 1.61 -0.01
ARTHUR_KILL_2 23512	22.68 1.28 -0.01	20.54 1.16 -0.01	18.92 0.88 0.00	19.44 0.80 0.00	20.37 0.40 0.00	21.20 0.35 0.01	22.74 0.68 0.01	23.27 0.72 0.01	22.31 0.56 0.01	22.87 0.62 0.01	22.96 0.71 0.01	22.52 0.70 0.01	22.11 0.75 0.01	22.07 0.83 0.01	22.10 0.81 0.01	24.11 0.93 0.01	30.60 1.40 0.01	32.65 1.91 0.01	36.19 2.21 0.01	35.40 2.04 0.01	28.25 1.24 0.01	24.01 1.12 0.01	23.28 1.54 -0.01
ARTHUR_KILL_3 23513	22.39 1.01 0.00	20.24 0.87 0.00	18.69 0.65 0.00	19.22 0.58 0.00	20.33 0.36 0.00	21.25 0.40 0.00	22.79 0.73 0.00	23.32 0.77 0.00	22.36 0.61 0.00	22.93 0.67 0.00	23.01 0.76 0.00	22.55 0.72 0.00	22.14 0.77 0.00	22.08 0.83 0.00	22.13 0.83 0.00	24.14 0.95 0.00	30.52 1.32 0.00	32.57 1.81 0.00	36.03 2.04 0.00	35.24 1.87 0.00	28.28 1.27 0.00	24.04 1.14 0.00	23.03 1.30 0.00

ARTHUR_KILL_COGEN 323718	22.74 1.35 -0.01	20.60 1.22 -0.01	18.98 0.94 0.00	19.48 0.84 0.00	20.43 0.46 0.00	21.26 0.42 0.01	22.78 0.73 0.01	23.31 0.77 0.01	22.35 0.61 0.01	22.92 0.67 0.01	23.00 0.76 0.01	22.57 0.74 0.01	22.16 0.79 0.01	22.14 0.89 0.01	22.15 0.85 0.01	24.18 1.00 0.01	30.69 1.49 0.01	32.74 2.00 0.01	36.29 2.31 0.01	35.50 2.14 0.01	28.33 1.32 0.01	24.08 1.19 0.01	23.35 1.61 -0.01
ASHOKAN____ 23654	22.41 1.03 0.00	20.24 0.87 0.00	18.74 0.70 0.00	19.31 0.67 0.00	20.51 0.54 0.00	21.36 0.50 0.00	22.68 0.62 0.00	23.09 0.54 0.00	22.15 0.39 0.00	22.62 0.36 0.00	22.61 0.35 0.00	22.12 0.28 0.00	21.67 0.30 0.00	21.59 0.34 0.00	21.66 0.36 0.00	23.77 0.58 0.00	30.20 0.99 0.00	32.23 1.48 0.00	35.93 1.94 0.00	35.24 1.87 0.00	28.17 1.16 0.00	23.81 0.92 0.00	22.71 0.98 0.00
ASTORIA_EAST_ENERGY_CC1 323581	22.85 1.45 -0.01	20.66 1.28 -0.01	19.04 0.99 -0.01	19.56 0.91 -0.01	20.58 0.60 -0.01	21.40 0.54 0.00	22.90 0.84 0.00	23.33 0.79 0.01	22.38 0.63 0.01	22.94 0.69 0.01	23.03 0.78 0.01	22.57 0.74 0.01	22.16 0.79 0.01	22.16 0.91 0.01	22.15 0.85 0.01	24.15 0.97 0.01	30.57 1.37 0.01	32.59 1.85 0.01	36.17 2.18 0.00	35.33 1.97 0.01	28.31 1.30 0.00	24.13 1.24 0.00	23.32 1.59 0.00
ASTORIA_EAST_ENERGY_CC2 323582	22.85 1.45 -0.01	20.66 1.28 -0.01	19.04 0.99 -0.01	19.56 0.91 -0.01	20.58 0.60 -0.01	21.40 0.54 0.00	22.90 0.84 0.00	23.33 0.79 0.01	22.38 0.63 0.01	22.94 0.69 0.01	23.03 0.78 0.01	22.57 0.74 0.01	22.16 0.79 0.01	22.16 0.91 0.01	22.15 0.85 0.01	24.15 0.97 0.01	30.57 1.37 0.01	32.59 1.85 0.01	36.17 2.18 0.00	35.33 1.97 0.01	28.31 1.30 0.00	24.13 1.24 0.00	23.32 1.59 0.00
ASTORIA_GT2_1 24094	22.85 1.45 -0.01	20.68 1.30 -0.01	19.06 1.01 -0.01	19.62 0.97 -0.01	20.72 0.74 -0.01	21.52 0.67 0.00	22.92 0.86 0.00	23.34 0.79 0.00	22.43 0.67 0.00	22.95 0.69 0.00	22.99 0.73 0.00	22.60 0.76 0.00	22.17 0.79 0.00	22.04 0.79 0.00	22.15 0.85 0.00	24.19 1.00 0.00	30.64 1.43 0.00	32.66 1.91 0.00	36.20 2.21 0.00	35.44 2.07 0.00	28.33 1.32 0.00	24.22 1.33 0.00	23.45 1.72 0.00
ASTORIA_GT2_2 24095	22.85 1.45 -0.01	20.68 1.30 -0.01	19.06 1.01 -0.01	19.62 0.97 -0.01	20.72 0.74 -0.01	21.52 0.67 0.00	22.92 0.86 0.00	23.34 0.79 0.00	22.43 0.67 0.00	22.95 0.69 0.00	22.99 0.73 0.00	22.60 0.76 0.00	22.17 0.79 0.00	22.04 0.79 0.00	22.15 0.85 0.00	24.19 1.00 0.00	30.64 1.43 0.00	32.66 1.91 0.00	36.20 2.21 0.00	35.44 2.07 0.00	28.33 1.32 0.00	24.22 1.33 0.00	23.45 1.72 0.00
ASTORIA_GT2_3 24096	22.85 1.45 -0.01	20.68 1.30 -0.01	19.06 1.01 -0.01	19.62 0.97 -0.01	20.72 0.74 -0.01	21.52 0.67 0.00	22.92 0.86 0.00	23.34 0.79 0.00	22.43 0.67 0.00	22.95 0.69 0.00	22.99 0.73 0.00	22.60 0.76 0.00	22.17 0.79 0.00	22.04 0.79 0.00	22.15 0.85 0.00	24.19 1.00 0.00	30.64 1.43 0.00	32.66 1.91 0.00	36.20 2.21 0.00	35.44 2.07 0.00	28.33 1.32 0.00	24.22 1.33 0.00	23.45 1.72 0.00
ASTORIA_GT2_4 24097	22.85 1.45 -0.01	20.68 1.30 -0.01	19.06 1.01 -0.01	19.62 0.97 -0.01	20.72 0.74 -0.01	21.52 0.67 0.00	22.92 0.86 0.00	23.34 0.79 0.00	22.43 0.67 0.00	22.95 0.69 0.00	22.99 0.73 0.00	22.60 0.76 0.00	22.17 0.79 0.00	22.04 0.79 0.00	22.15 0.85 0.00	24.19 1.00 0.00	30.64 1.43 0.00	32.66 1.91 0.00	36.20 2.21 0.00	35.44 2.07 0.00	28.33 1.32 0.00	24.22 1.33 0.00	23.45 1.72 0.00
ASTORIA_GT3_1 24098	22.85 1.45 -0.01	20.68 1.30 -0.01	19.06 1.01 -0.01	19.62 0.97 -0.01	20.72 0.74 -0.01	21.52 0.67 0.00	22.92 0.86 0.00	23.34 0.79 0.00	22.43 0.67 0.00	22.95 0.69 0.00	22.99 0.73 0.00	22.60 0.76 0.00	22.17 0.79 0.00	22.04 0.79 0.00	22.15 0.85 0.00	24.19 1.00 0.00	30.64 1.43 0.00	32.66 1.91 0.00	36.20 2.21 0.00	35.44 2.07 0.00	28.33 1.32 0.00	24.22 1.33 0.00	23.45 1.72 0.00
ASTORIA_GT3_2 24099	22.85 1.45 -0.01	20.68 1.30 -0.01	19.06 1.01 -0.01	19.62 0.97 -0.01	20.72 0.74 -0.01	21.52 0.67 0.00	22.92 0.86 0.00	23.34 0.79 0.00	22.43 0.67 0.00	22.95 0.69 0.00	22.99 0.73 0.00	22.60 0.76 0.00	22.17 0.79 0.00	22.04 0.79 0.00	22.15 0.85 0.00	24.19 1.00 0.00	30.64 1.43 0.00	32.66 1.91 0.00	36.20 2.21 0.00	35.44 2.07 0.00	28.33 1.32 0.00	24.22 1.33 0.00	23.45 1.72 0.00
ASTORIA_GT3_3 24100	22.85 1.45 -0.01	20.68 1.30 -0.01	19.06 1.01 -0.01	19.62 0.97 -0.01	20.72 0.74 -0.01	21.52 0.67 0.00	22.92 0.86 0.00	23.34 0.79 0.00	22.43 0.67 0.00	22.95 0.69 0.00	22.99 0.73 0.00	22.60 0.76 0.00	22.17 0.79 0.00	22.04 0.79 0.00	22.15 0.85 0.00	24.19 1.00 0.00	30.64 1.43 0.00	32.66 1.91 0.00	36.20 2.21 0.00	35.44 2.07 0.00	28.33 1.32 0.00	24.22 1.33 0.00	23.45 1.72 0.00
ASTORIA_GT3_4 24101	22.85 1.45 -0.01	20.68 1.30 -0.01	19.06 1.01 -0.01	19.62 0.97 -0.01	20.72 0.74 -0.01	21.52 0.67 0.00	22.92 0.86 0.00	23.34 0.79 0.00	22.43 0.67 0.00	22.95 0.69 0.00	22.99 0.73 0.00	22.60 0.76 0.00	22.17 0.79 0.00	22.04 0.79 0.00	22.15 0.85 0.00	24.19 1.00 0.00	30.64 1.43 0.00	32.66 1.91 0.00	36.20 2.21 0.00	35.44 2.07 0.00	28.33 1.32 0.00	24.22 1.33 0.00	23.45 1.72 0.00
ASTORIA_GT4_1 24102	22.85 1.45 -0.01	20.68 1.30 -0.01	19.06 1.01 -0.01	19.62 0.97 -0.01	20.72 0.74 -0.01	21.52 0.67 0.00	22.92 0.86 0.00	23.34 0.79 0.00	22.43 0.67 0.00	22.95 0.69 0.00	22.99 0.73 0.00	22.60 0.76 0.00	22.17 0.79 0.00	22.04 0.79 0.00	22.15 0.85 0.00	24.19 1.00 0.00	30.64 1.43 0.00	32.66 1.91 0.00	36.20 2.21 0.00	35.44 2.07 0.00	28.33 1.32 0.00	24.22 1.33 0.00	23.45 1.72 0.00
ASTORIA_GT4_2 24103	22.85 1.45 -0.01	20.68 1.30 -0.01	19.06 1.01 -0.01	19.62 0.97 -0.01	20.72 0.74 -0.01	21.52 0.67 0.00	22.92 0.86 0.00	23.34 0.79 0.00	22.43 0.67 0.00	22.95 0.69 0.00	22.99 0.73 0.00	22.60 0.76 0.00	22.17 0.79 0.00	22.04 0.79 0.00	22.15 0.85 0.00	24.19 1.00 0.00	30.64 1.43 0.00	32.66 1.91 0.00	36.20 2.21 0.00	35.44 2.07 0.00	28.33 1.32 0.00	24.22 1.33 0.00	23.45 1.72 0.00
ASTORIA_GT4_3 24104	22.85 1.45 -0.01	20.68 1.30 -0.01	19.06 1.01 -0.01	19.62 0.97 -0.01	20.72 0.74 -0.01	21.52 0.67 0.00	22.92 0.86 0.00	23.34 0.79 0.00	22.43 0.67 0.00	22.95 0.69 0.00	22.99 0.73 0.00	22.60 0.76 0.00	22.17 0.79 0.00	22.04 0.79 0.00	22.15 0.85 0.00	24.19 1.00 0.00	30.64 1.43 0.00	32.66 1.91 0.00	36.20 2.21 0.00	35.44 2.07 0.00	28.33 1.32 0.00	24.22 1.33 0.00	23.45 1.72 0.00

ASTORIA_GT4_4 24105	22.85 1.45 -0.01	20.68 1.30 -0.01	19.06 1.01 -0.01	19.62 0.97 -0.01	20.72 0.74 -0.01	21.52 0.67 0.00	22.92 0.86 0.00	23.34 0.79 0.00	22.43 0.67 0.00	22.95 0.69 0.00	22.99 0.73 0.00	22.60 0.76 0.00	22.17 0.79 0.00	22.04 0.79 0.00	22.15 0.85 0.00	24.19 1.00 0.00	30.64 1.43 0.00	32.66 1.91 0.00	36.20 2.21 0.00	35.44 2.07 0.00	28.33 1.32 0.00	24.22 1.33 0.00	23.45 1.72 0.00
ASTORIA_GT_1 23523	22.89 1.50 -0.01	20.70 1.32 -0.01	19.07 1.03 -0.01	19.60 0.95 -0.01	20.62 0.64 -0.01	21.44 0.58 0.00	22.95 0.88 0.00	23.38 0.83 0.01	22.42 0.68 0.01	22.99 0.73 0.01	23.07 0.82 0.01	22.61 0.78 0.01	22.20 0.83 0.01	22.21 0.96 0.01	22.19 0.89 0.01	24.20 1.02 0.01	30.63 1.43 0.01	32.65 1.91 0.01	36.23 2.24 0.00	35.40 2.04 0.01	28.36 1.35 0.00	24.18 1.28 0.00	23.36 1.63 0.00
ASTORIA_GT_10 24110	22.63 1.24 0.00	20.49 1.12 0.00	18.90 0.87 0.00	19.46 0.82 0.00	20.57 0.60 0.00	21.46 0.60 0.00	22.88 0.82 0.00	23.39 0.83 0.00	22.47 0.72 0.00	22.99 0.73 0.00	23.03 0.78 0.00	22.64 0.81 0.00	22.21 0.83 0.00	22.08 0.83 0.00	22.20 0.89 0.00	24.23 1.04 0.00	30.70 1.49 0.00	32.72 1.97 0.00	36.27 2.28 0.00	35.51 2.14 0.00	28.36 1.35 0.00	24.20 1.30 0.00	23.32 1.59 0.00
ASTORIA_GT_11 24225	22.63 1.24 0.00	20.49 1.12 0.00	18.90 0.87 0.00	19.46 0.82 0.00	20.57 0.60 0.00	21.46 0.60 0.00	22.88 0.82 0.00	23.39 0.83 0.00	22.47 0.72 0.00	22.99 0.73 0.00	23.03 0.78 0.00	22.64 0.81 0.00	22.21 0.83 0.00	22.08 0.83 0.00	22.20 0.89 0.00	24.23 1.04 0.00	30.70 1.49 0.00	32.72 1.97 0.00	36.27 2.28 0.00	35.51 2.14 0.00	28.36 1.35 0.00	24.20 1.30 0.00	23.32 1.59 0.00
ASTORIA_GT_12 24226	22.63 1.24 0.00	20.49 1.12 0.00	18.90 0.87 0.00	19.46 0.82 0.00	20.57 0.60 0.00	21.46 0.60 0.00	22.88 0.82 0.00	23.39 0.83 0.00	22.47 0.72 0.00	22.99 0.73 0.00	23.03 0.78 0.00	22.64 0.81 0.00	22.21 0.83 0.00	22.08 0.83 0.00	22.20 0.89 0.00	24.23 1.04 0.00	30.70 1.49 0.00	32.72 1.97 0.00	36.27 2.28 0.00	35.51 2.14 0.00	28.36 1.35 0.00	24.20 1.30 0.00	23.32 1.59 0.00
ASTORIA_GT_13 24227	22.63 1.24 0.00	20.49 1.12 0.00	18.90 0.87 0.00	19.46 0.82 0.00	20.57 0.60 0.00	21.46 0.60 0.00	22.88 0.82 0.00	23.39 0.83 0.00	22.47 0.72 0.00	22.99 0.73 0.00	23.03 0.78 0.00	22.64 0.81 0.00	22.21 0.83 0.00	22.08 0.83 0.00	22.20 0.89 0.00	24.23 1.04 0.00	30.70 1.49 0.00	32.72 1.97 0.00	36.27 2.28 0.00	35.51 2.14 0.00	28.36 1.35 0.00	24.20 1.30 0.00	23.32 1.59 0.00
ASTORIA_GT_5 24106	22.89 1.50 -0.01	20.70 1.32 -0.01	19.09 1.05 -0.01	19.65 1.01 -0.01	20.74 0.76 -0.01	21.55 0.69 0.00	22.97 0.90 0.00	23.39 0.83 0.00	22.47 0.72 0.00	22.99 0.73 0.00	23.01 0.76 0.00	22.62 0.79 0.00	22.21 0.83 0.00	22.08 0.83 0.00	22.20 0.89 0.00	24.21 1.02 0.00	30.67 1.46 0.00	32.72 1.97 0.00	36.27 2.28 0.00	35.47 2.10 0.00	28.39 1.38 0.00	24.25 1.35 0.00	23.47 1.74 0.00
ASTORIA_GT_7 24107	22.89 1.50 -0.01	20.70 1.32 -0.01	19.09 1.05 -0.01	19.65 1.01 -0.01	20.74 0.76 -0.01	21.55 0.69 0.00	22.97 0.90 0.00	23.39 0.83 0.00	22.47 0.72 0.00	22.99 0.73 0.00	23.01 0.76 0.00	22.62 0.79 0.00	22.21 0.83 0.00	22.08 0.83 0.00	22.20 0.89 0.00	24.21 1.02 0.00	30.67 1.46 0.00	32.72 1.97 0.00	36.27 2.28 0.00	35.47 2.10 0.00	28.39 1.38 0.00	24.25 1.35 0.00	23.47 1.74 0.00
ASTORIA_GT_8 24108	22.89 1.50 -0.01	20.70 1.32 -0.01	19.09 1.05 -0.01	19.65 1.01 -0.01	20.74 0.76 -0.01	21.55 0.69 0.00	22.97 0.90 0.00	23.39 0.83 0.00	22.47 0.72 0.00	22.99 0.73 0.00	23.01 0.76 0.00	22.62 0.79 0.00	22.21 0.83 0.00	22.08 0.83 0.00	22.20 0.89 0.00	24.21 1.02 0.00	30.67 1.46 0.00	32.72 1.97 0.00	36.27 2.28 0.00	35.47 2.10 0.00	28.39 1.38 0.00	24.25 1.35 0.00	23.47 1.74 0.00
ASTORIA___2 24149	22.85 1.45 -0.01	20.68 1.30 -0.01	19.06 1.01 -0.01	19.58 0.93 -0.01	20.58 0.60 -0.01	21.42 0.56 0.00	22.92 0.86 0.00	23.33 0.79 0.01	22.40 0.65 0.01	22.94 0.69 0.01	23.03 0.78 0.01	22.59 0.76 0.01	22.16 0.79 0.01	22.16 0.91 0.01	22.15 0.85 0.01	24.15 0.97 0.01	30.57 1.37 0.01	32.62 1.88 0.01	36.17 2.18 0.00	35.33 1.97 0.01	28.31 1.30 0.00	24.13 1.24 0.00	23.32 1.59 0.00
ASTORIA___3 23516	22.63 1.24 0.00	20.47 1.10 0.00	18.89 0.85 0.00	19.40 0.76 0.00	20.49 0.52 0.00	21.36 0.50 0.00	22.88 0.82 0.00	23.39 0.83 0.00	22.45 0.70 0.00	22.99 0.73 0.00	23.08 0.82 0.00	22.64 0.81 0.00	22.21 0.83 0.00	22.19 0.93 0.00	22.20 0.89 0.00	24.23 1.04 0.00	30.64 1.43 0.00	32.69 1.94 0.00	36.23 2.24 0.00	35.44 2.07 0.00	28.36 1.35 0.00	24.13 1.24 0.00	23.21 1.48 0.00
ASTORIA___4 23517	22.63 1.24 0.00	20.49 1.12 0.00	18.90 0.87 0.00	19.46 0.82 0.00	20.57 0.60 0.00	21.46 0.60 0.00	22.88 0.82 0.00	23.39 0.83 0.00	22.47 0.72 0.00	22.99 0.73 0.00	23.03 0.78 0.00	22.64 0.81 0.00	22.21 0.83 0.00	22.08 0.83 0.00	22.20 0.89 0.00	24.23 1.04 0.00	30.70 1.49 0.00	32.72 1.97 0.00	36.27 2.28 0.00	35.51 2.14 0.00	28.36 1.35 0.00	24.20 1.30 0.00	23.32 1.59 0.00
ASTORIA___5 23518	22.63 1.24 0.00	20.47 1.10 0.00	18.89 0.85 0.00	19.40 0.76 0.00	20.49 0.52 0.00	21.36 0.50 0.00	22.88 0.82 0.00	23.39 0.83 0.00	22.45 0.70 0.00	22.99 0.73 0.00	23.08 0.82 0.00	22.64 0.81 0.00	22.21 0.83 0.00	22.19 0.93 0.00	22.20 0.89 0.00	24.23 1.04 0.00	30.64 1.43 0.00	32.69 1.94 0.00	36.23 2.24 0.00	35.44 2.07 0.00	28.36 1.35 0.00	24.13 1.24 0.00	23.21 1.48 0.00
AST_ENERGY_2_CC3 323677	22.48 1.09 0.00	20.32 0.95 0.00	18.78 0.74 0.00	19.31 0.67 0.00	20.41 0.44 0.00	21.34 0.48 0.00	22.86 0.79 0.00	23.39 0.83 0.00	22.43 0.68 0.00	22.99 0.73 0.00	23.08 0.82 0.00	22.62 0.78 0.00	22.19 0.81 0.00	22.15 0.89 0.00	22.18 0.87 0.00	24.21 1.02 0.00	30.61 1.40 0.00	32.66 1.91 0.00	36.17 2.18 0.00	35.37 2.00 0.00	28.33 1.32 0.00	24.08 1.19 0.00	23.10 1.37 0.00
AST_ENERGY_2_CC4 323678	22.48 1.09 0.00	20.32 0.95 0.00	18.78 0.74 0.00	19.31 0.67 0.00	20.41 0.44 0.00	21.34 0.48 0.00	22.86 0.79 0.00	23.39 0.83 0.00	22.43 0.68 0.00	22.99 0.73 0.00	23.08 0.82 0.00	22.62 0.78 0.00	22.19 0.81 0.00	22.15 0.89 0.00	22.18 0.87 0.00	24.21 1.02 0.00	30.61 1.40 0.00	32.66 1.91 0.00	36.17 2.18 0.00	35.37 2.00 0.00	28.33 1.32 0.00	24.08 1.19 0.00	23.10 1.37 0.00

ATHENS_STG_1 23668	22.07 0.68 0.00	19.99 0.62 0.00	18.53 0.49 0.00	19.09 0.45 0.00	20.27 0.30 0.00	21.15 0.29 0.00	22.53 0.46 0.00	23.05 0.50 0.00	22.19 0.43 0.00	22.73 0.47 0.00	22.74 0.49 0.00	22.29 0.46 0.00	21.84 0.47 0.00	21.77 0.51 0.00	21.81 0.51 0.00	23.82 0.63 0.00	30.08 0.88 0.00	31.89 1.14 0.00	35.35 1.36 0.00	34.64 1.27 0.00	27.82 0.81 0.00	23.60 0.71 0.00	22.53 0.80 0.00
ATHENS_STG_2 23670	22.07 0.68 0.00	19.99 0.62 0.00	18.53 0.49 0.00	19.09 0.45 0.00	20.27 0.30 0.00	21.15 0.29 0.00	22.53 0.46 0.00	23.05 0.50 0.00	22.19 0.43 0.00	22.73 0.47 0.00	22.74 0.49 0.00	22.29 0.46 0.00	21.84 0.47 0.00	21.77 0.51 0.00	21.81 0.51 0.00	23.82 0.63 0.00	30.08 0.88 0.00	31.89 1.14 0.00	35.35 1.36 0.00	34.64 1.27 0.00	27.82 0.81 0.00	23.60 0.71 0.00	22.53 0.80 0.00
ATHENS_STG_3 23677	22.07 0.68 0.00	19.99 0.62 0.00	18.53 0.49 0.00	19.09 0.45 0.00	20.27 0.30 0.00	21.15 0.29 0.00	22.53 0.46 0.00	23.05 0.50 0.00	22.19 0.43 0.00	22.73 0.47 0.00	22.74 0.49 0.00	22.29 0.46 0.00	21.84 0.47 0.00	21.77 0.51 0.00	21.81 0.51 0.00	23.82 0.63 0.00	30.08 0.88 0.00	31.89 1.14 0.00	35.35 1.36 0.00	34.64 1.27 0.00	27.82 0.81 0.00	23.60 0.71 0.00	22.53 0.80 0.00
AUBURN___LFGE 323710	21.49 0.11 0.00	19.51 0.14 0.00	18.11 0.07 0.00	18.68 0.04 0.00	19.91 -0.06 0.00	20.73 -0.13 0.00	21.91 -0.15 0.00	22.39 -0.16 0.00	21.65 -0.11 0.00	22.17 -0.09 0.00	22.21 -0.04 0.00	21.79 -0.04 0.00	21.29 -0.09 0.00	21.21 -0.04 0.00	21.24 -0.06 0.00	23.05 -0.14 0.00	29.02 -0.20 -0.02	30.80 0.03 -0.01	34.08 0.07 -0.02	33.32 -0.07 -0.02	27.58 -0.22 -0.79	22.74 -0.16 -0.01	21.73 0.00 0.00
BABYLON_RES_REC 323704	22.93 1.54 0.00	20.71 1.34 0.00	19.05 1.01 0.00	19.55 0.91 0.00	20.83 0.86 0.00	21.88 1.02 0.00	25.23 1.39 -1.78	23.95 1.40 0.00	22.86 1.11 0.00	23.39 1.13 0.00	23.41 1.16 0.00	22.88 1.05 0.00	22.44 1.07 0.00	22.40 1.15 0.00	22.49 1.19 0.00	24.63 1.44 0.00	31.16 1.96 0.00	33.40 2.65 0.00	37.36 3.09 -0.28	36.18 2.80 0.00	32.23 2.03 -3.20	29.99 1.76 -5.33	23.60 1.87 0.00
BABYLON__69_KV_BK2 356345	23.10 1.71 0.00	20.86 1.49 0.00	19.25 1.21 0.00	19.80 1.16 0.00	21.09 1.12 0.00	22.19 1.33 0.00	25.45 1.61 -1.78	24.18 1.62 0.00	23.15 1.39 0.00	23.57 1.31 0.00	23.55 1.29 0.00	23.03 1.20 0.00	22.59 1.22 0.00	22.51 1.25 0.00	22.66 1.36 0.00	24.81 1.62 0.00	31.51 2.31 0.00	33.74 2.98 0.00	37.73 3.47 -0.28	36.51 3.14 0.00	32.50 2.30 -3.20	30.27 2.04 -5.33	23.88 2.15 0.00
BALL_HILL_WT_PWR 323825	20.40 -0.98 0.00	18.42 -0.95 0.00	17.10 -0.94 0.00	17.67 -0.97 0.00	18.63 -1.34 0.00	19.02 -1.84 0.00	20.12 -1.94 0.00	20.50 -2.05 0.00	20.17 -1.59 0.00	20.48 -1.78 0.00	20.39 -1.87 0.00	20.24 -1.59 0.00	19.60 -1.77 0.00	19.28 -1.98 0.00	19.41 -1.90 0.00	20.75 -2.43 0.00	25.80 -3.39 0.01	27.52 -3.23 0.01	30.24 -3.74 0.01	29.49 -3.87 0.01	22.62 -3.54 0.85	20.69 -2.20 0.01	20.10 -1.63 0.00
BARON_WINDS___WT_PWR 323822	21.81 0.43 0.00	19.72 0.35 0.00	18.27 0.23 0.00	18.83 0.19 0.00	19.89 -0.08 0.00	20.56 -0.29 0.00	21.73 -0.33 0.00	22.12 -0.43 0.00	21.43 -0.33 0.00	21.86 -0.40 0.00	21.83 -0.42 0.00	21.46 -0.37 0.00	20.95 -0.43 0.00	20.77 -0.49 0.00	20.85 -0.45 0.00	22.61 -0.58 0.00	28.44 -0.79 -0.02	30.33 -0.43 -0.01	33.46 -0.55 -0.02	32.69 -0.70 -0.02	26.74 -0.92 -0.65	22.45 -0.46 -0.01	21.51 -0.22 0.00
BARRETT_IC_1 23704	22.80 1.41 0.00	20.59 1.22 0.00	18.98 0.94 0.00	19.48 0.84 0.00	20.71 0.74 0.00	21.71 0.86 0.00	25.06 1.21 -1.78	23.81 1.26 0.00	22.80 1.04 0.00	23.35 1.09 0.00	23.37 1.11 0.00	22.86 1.03 0.00	22.42 1.05 0.00	22.38 1.13 0.00	22.45 1.15 0.00	24.56 1.37 0.00	30.99 1.78 0.00	33.09 2.34 0.00	36.95 2.68 -0.27	35.84 2.47 0.00	32.02 1.81 -3.20	29.83 1.60 -5.33	23.45 1.72 0.00
BARRETT_IC_10 23701	22.80 1.41 0.00	20.59 1.22 0.00	18.98 0.94 0.00	19.48 0.84 0.00	20.71 0.74 0.00	21.71 0.86 0.00	25.06 1.21 -1.78	23.81 1.26 0.00	22.80 1.04 0.00	23.35 1.09 0.00	23.37 1.11 0.00	22.86 1.03 0.00	22.42 1.05 0.00	22.38 1.13 0.00	22.45 1.15 0.00	24.56 1.37 0.00	30.99 1.78 0.00	33.09 2.34 0.00	36.95 2.68 -0.27	35.84 2.47 0.00	32.02 1.81 -3.20	29.83 1.60 -5.33	23.45 1.72 0.00
BARRETT_IC_11 23702	22.80 1.41 0.00	20.59 1.22 0.00	18.98 0.94 0.00	19.48 0.84 0.00	20.71 0.74 0.00	21.71 0.86 0.00	25.06 1.21 -1.78	23.81 1.26 0.00	22.80 1.04 0.00	23.35 1.09 0.00	23.37 1.11 0.00	22.86 1.03 0.00	22.42 1.05 0.00	22.38 1.13 0.00	22.45 1.15 0.00	24.56 1.37 0.00	30.99 1.78 0.00	33.09 2.34 0.00	36.95 2.68 -0.27	35.84 2.47 0.00	32.02 1.81 -3.20	29.83 1.60 -5.33	23.45 1.72 0.00
BARRETT_IC_12 23703	22.80 1.41 0.00	20.59 1.22 0.00	18.98 0.94 0.00	19.48 0.84 0.00	20.71 0.74 0.00	21.71 0.86 0.00	25.06 1.21 -1.78	23.81 1.26 0.00	22.80 1.04 0.00	23.35 1.09 0.00	23.37 1.11 0.00	22.86 1.03 0.00	22.42 1.05 0.00	22.38 1.13 0.00	22.45 1.15 0.00	24.56 1.37 0.00	30.99 1.78 0.00	33.09 2.34 0.00	36.95 2.68 -0.27	35.84 2.47 0.00	32.02 1.81 -3.20	29.83 1.60 -5.33	23.45 1.72 0.00
BARRETT_IC_2 23705	22.80 1.41 0.00	20.59 1.22 0.00	18.98 0.94 0.00	19.48 0.84 0.00	20.71 0.74 0.00	21.71 0.86 0.00	25.06 1.21 -1.78	23.81 1.26 0.00	22.80 1.04 0.00	23.35 1.09 0.00	23.37 1.11 0.00	22.86 1.03 0.00	22.42 1.05 0.00	22.38 1.13 0.00	22.45 1.15 0.00	24.56 1.37 0.00	30.99 1.78 0.00	33.09 2.34 0.00	36.95 2.68 -0.27	35.84 2.47 0.00	32.02 1.81 -3.20	29.83 1.60 -5.33	23.45 1.72 0.00
BARRETT_IC_3 23706	22.80 1.41 0.00	20.59 1.22 0.00	18.98 0.94 0.00	19.48 0.84 0.00	20.71 0.74 0.00	21.71 0.86 0.00	25.06 1.21 -1.78	23.81 1.26 0.00	22.80 1.04 0.00	23.35 1.09 0.00	23.37 1.11 0.00	22.86 1.03 0.00	22.42 1.05 0.00	22.38 1.13 0.00	22.45 1.15 0.00	24.56 1.37 0.00	30.99 1.78 0.00	33.09 2.34 0.00	36.95 2.68 -0.27	35.84 2.47 0.00	32.02 1.81 -3.20	29.83 1.60 -5.33	23.45 1.72 0.00
BARRETT_IC_4 23707	22.80 1.41 0.00	20.59 1.22 0.00	18.98 0.94 0.00	19.48 0.84 0.00	20.71 0.74 0.00	21.71 0.86 0.00	25.06 1.21 -1.78	23.81 1.26 0.00	22.80 1.04 0.00	23.35 1.09 0.00	23.37 1.11 0.00	22.86 1.03 0.00	22.42 1.05 0.00	22.38 1.13 0.00	22.45 1.15 0.00	24.56 1.37 0.00	30.99 1.78 0.00	33.09 2.34 0.00	36.95 2.68 -0.27	35.84 2.47 0.00	32.02 1.81 -3.20	29.83 1.60 -5.33	23.45 1.72 0.00

BARRETT_IC_5 23708	22.80 1.41 0.00	20.59 1.22 0.00	18.98 0.94 0.00	19.48 0.84 0.00	20.71 0.74 0.00	21.71 0.86 0.00	25.06 1.21 -1.78	23.81 1.26 0.00	22.80 1.04 0.00	23.35 1.09 0.00	23.37 1.11 0.00	22.86 1.03 0.00	22.42 1.05 0.00	22.38 1.13 0.00	22.45 1.15 0.00	24.56 1.37 0.00	30.99 1.78 0.00	33.09 2.34 0.00	36.95 2.68 -0.27	35.84 2.47 0.00	32.02 1.81 -3.20	29.83 1.60 -5.33	23.45 1.72 0.00
BARRETT_IC_6 23709	22.80 1.41 0.00	20.59 1.22 0.00	18.98 0.94 0.00	19.48 0.84 0.00	20.71 0.74 0.00	21.71 0.86 0.00	25.06 1.21 -1.78	23.81 1.26 0.00	22.80 1.04 0.00	23.35 1.09 0.00	23.37 1.11 0.00	22.86 1.03 0.00	22.42 1.05 0.00	22.38 1.13 0.00	22.45 1.15 0.00	24.56 1.37 0.00	30.99 1.78 0.00	33.09 2.34 0.00	36.95 2.68 -0.27	35.84 2.47 0.00	32.02 1.81 -3.20	29.83 1.60 -5.33	23.45 1.72 0.00
BARRETT_IC_7 23710	22.80 1.41 0.00	20.59 1.22 0.00	19.00 0.96 0.00	19.55 0.91 0.00	20.77 0.80 0.00	21.80 0.94 0.00	25.06 1.21 -1.78	23.82 1.26 0.00	22.87 1.11 0.00	23.35 1.09 0.00	23.32 1.07 0.00	22.86 1.03 0.00	22.42 1.05 0.00	22.32 1.06 0.00	22.45 1.15 0.00	24.56 1.37 0.00	31.08 1.87 0.00	33.12 2.37 0.00	36.98 2.72 -0.27	35.88 2.50 0.00	32.02 1.81 -3.20	29.90 1.67 -5.33	23.53 1.80 0.00
BARRETT_IC_8 23711	22.80 1.41 0.00	20.59 1.22 0.00	18.98 0.94 0.00	19.48 0.84 0.00	20.71 0.74 0.00	21.71 0.86 0.00	25.06 1.21 -1.78	23.81 1.26 0.00	22.80 1.04 0.00	23.35 1.09 0.00	23.37 1.11 0.00	22.86 1.03 0.00	22.42 1.05 0.00	22.38 1.13 0.00	22.45 1.15 0.00	24.56 1.37 0.00	30.99 1.78 0.00	33.09 2.34 0.00	36.95 2.68 -0.27	35.84 2.47 0.00	32.02 1.81 -3.20	29.83 1.60 -5.33	23.45 1.72 0.00
BARRETT_IC_9 23700	22.80 1.41 0.00	20.59 1.22 0.00	18.98 0.94 0.00	19.48 0.84 0.00	20.71 0.74 0.00	21.71 0.86 0.00	25.06 1.21 -1.78	23.81 1.26 0.00	22.80 1.04 0.00	23.35 1.09 0.00	23.37 1.11 0.00	22.86 1.03 0.00	22.42 1.05 0.00	22.38 1.13 0.00	22.45 1.15 0.00	24.56 1.37 0.00	30.99 1.78 0.00	33.09 2.34 0.00	36.95 2.68 -0.27	35.84 2.47 0.00	32.02 1.81 -3.20	29.83 1.60 -5.33	23.45 1.72 0.00
BARRETT___1 23545	22.80 1.41 0.00	20.59 1.22 0.00	18.98 0.94 0.00	19.48 0.84 0.00	20.71 0.74 0.00	21.71 0.86 0.00	25.06 1.21 -1.78	23.81 1.26 0.00	22.80 1.04 0.00	23.35 1.09 0.00	23.37 1.11 0.00	22.86 1.03 0.00	22.42 1.05 0.00	22.38 1.13 0.00	22.45 1.15 0.00	24.56 1.37 0.00	30.99 1.78 0.00	33.09 2.34 0.00	36.95 2.68 -0.27	35.84 2.47 0.00	32.02 1.81 -3.20	29.83 1.60 -5.33	23.45 1.72 0.00
BARRETT___2 23546	22.80 1.41 0.00	20.59 1.22 0.00	18.98 0.94 0.00	19.48 0.84 0.00	20.71 0.74 0.00	21.71 0.86 0.00	25.06 1.21 -1.78	23.81 1.26 0.00	22.80 1.04 0.00	23.35 1.09 0.00	23.37 1.11 0.00	22.86 1.03 0.00	22.42 1.05 0.00	22.38 1.13 0.00	22.45 1.15 0.00	24.56 1.37 0.00	30.99 1.78 0.00	33.09 2.34 0.00	36.95 2.68 -0.27	35.84 2.47 0.00	32.02 1.81 -3.20	29.83 1.60 -5.33	23.45 1.72 0.00
BATAVIA__115KV_TB1 55881	20.34 -1.05 0.00	18.36 -1.01 0.00	17.08 -0.96 0.00	17.45 -1.19 0.00	18.51 -1.46 0.00	19.17 -1.69 0.00	20.30 -1.77 0.00	20.57 -1.98 0.00	19.93 -1.83 0.00	20.43 -1.83 0.00	20.56 -1.69 0.00	20.28 -1.55 0.00	19.64 -1.73 0.00	19.62 -1.64 0.00	19.47 -1.83 0.00	20.87 -2.32 0.00	26.03 -3.15 0.02	27.85 -2.89 0.01	30.84 -3.13 0.02	30.08 -3.27 0.02	23.05 -3.00 0.97	20.64 -2.24 0.01	20.14 -1.59 0.00
BAYONEEC___CTG1 323682	22.48 1.09 0.00	20.34 0.97 0.00	18.78 0.74 0.00	19.29 0.65 0.00	20.41 0.44 0.00	21.34 0.48 0.00	22.86 0.79 0.00	23.39 0.83 0.00	22.45 0.70 0.00	22.99 0.73 0.00	23.08 0.82 0.00	22.64 0.81 0.00	22.21 0.83 0.00	22.15 0.89 0.00	22.20 0.89 0.00	24.23 1.04 0.00	30.64 1.43 0.00	32.70 1.94 0.00	36.20 2.21 0.00	35.41 2.04 0.00	28.36 1.35 0.00	24.11 1.21 0.00	23.12 1.39 0.00
BAYONEEC___CTG10 323750	22.48 1.09 0.00	20.34 0.97 0.00	18.78 0.74 0.00	19.29 0.65 0.00	20.41 0.44 0.00	21.34 0.48 0.00	22.86 0.79 0.00	23.39 0.83 0.00	22.45 0.70 0.00	22.99 0.73 0.00	23.08 0.82 0.00	22.64 0.81 0.00	22.21 0.83 0.00	22.15 0.89 0.00	22.20 0.89 0.00	24.23 1.04 0.00	30.64 1.43 0.00	32.70 1.94 0.00	36.20 2.21 0.00	35.41 2.04 0.00	28.36 1.35 0.00	24.11 1.21 0.00	23.12 1.39 0.00
BAYONEEC___CTG2 323683	22.48 1.09 0.00	20.34 0.97 0.00	18.78 0.74 0.00	19.29 0.65 0.00	20.41 0.44 0.00	21.34 0.48 0.00	22.86 0.79 0.00	23.39 0.83 0.00	22.45 0.70 0.00	22.99 0.73 0.00	23.08 0.82 0.00	22.64 0.81 0.00	22.21 0.83 0.00	22.15 0.89 0.00	22.20 0.89 0.00	24.23 1.04 0.00	30.64 1.43 0.00	32.70 1.94 0.00	36.20 2.21 0.00	35.41 2.04 0.00	28.36 1.35 0.00	24.11 1.21 0.00	23.12 1.39 0.00
BAYONEEC___CTG3 323684	22.48 1.09 0.00	20.34 0.97 0.00	18.78 0.74 0.00	19.29 0.65 0.00	20.41 0.44 0.00	21.34 0.48 0.00	22.86 0.79 0.00	23.39 0.83 0.00	22.45 0.70 0.00	22.99 0.73 0.00	23.08 0.82 0.00	22.64 0.81 0.00	22.21 0.83 0.00	22.15 0.89 0.00	22.20 0.89 0.00	24.23 1.04 0.00	30.64 1.43 0.00	32.70 1.94 0.00	36.20 2.21 0.00	35.41 2.04 0.00	28.36 1.35 0.00	24.11 1.21 0.00	23.12 1.39 0.00
BAYONEEC___CTG4 323685	22.48 1.09 0.00	20.34 0.97 0.00	18.78 0.74 0.00	19.29 0.65 0.00	20.41 0.44 0.00	21.34 0.48 0.00	22.86 0.79 0.00	23.39 0.83 0.00	22.45 0.70 0.00	22.99 0.73 0.00	23.08 0.82 0.00	22.64 0.81 0.00	22.21 0.83 0.00	22.15 0.89 0.00	22.20 0.89 0.00	24.23 1.04 0.00	30.64 1.43 0.00	32.70 1.94 0.00	36.20 2.21 0.00	35.41 2.04 0.00	28.36 1.35 0.00	24.11 1.21 0.00	23.12 1.39 0.00
BAYONEEC___CTG5 323686	22.48 1.09 0.00	20.34 0.97 0.00	18.78 0.74 0.00	19.29 0.65 0.00	20.41 0.44 0.00	21.34 0.48 0.00	22.86 0.79 0.00	23.39 0.83 0.00	22.45 0.70 0.00	22.99 0.73 0.00	23.08 0.82 0.00	22.64 0.81 0.00	22.21 0.83 0.00	22.15 0.89 0.00	22.20 0.89 0.00	24.23 1.04 0.00	30.64 1.43 0.00	32.70 1.94 0.00	36.20 2.21 0.00	35.41 2.04 0.00	28.36 1.35 0.00	24.11 1.21 0.00	23.12 1.39 0.00
BAYONEEC___CTG6 323687	22.48 1.09 0.00	20.34 0.97 0.00	18.78 0.74 0.00	19.29 0.65 0.00	20.41 0.44 0.00	21.34 0.48 0.00	22.86 0.79 0.00	23.39 0.83 0.00	22.45 0.70 0.00	22.99 0.73 0.00	23.08 0.82 0.00	22.64 0.81 0.00	22.21 0.83 0.00	22.15 0.89 0.00	22.20 0.89 0.00	24.23 1.04 0.00	30.64 1.43 0.00	32.70 1.94 0.00	36.20 2.21 0.00	35.41 2.04 0.00	28.36 1.35 0.00	24.11 1.21 0.00	23.12 1.39 0.00

BAYONEEC___CTG7 323688	22.48 1.09 0.00	20.34 0.97 0.00	18.78 0.74 0.00	19.29 0.65 0.00	20.41 0.44 0.00	21.34 0.48 0.00	22.86 0.79 0.00	23.39 0.83 0.00	22.45 0.70 0.00	22.99 0.73 0.00	23.08 0.82 0.00	22.64 0.81 0.00	22.21 0.83 0.00	22.15 0.89 0.00	22.20 0.89 0.00	24.23 1.04 0.00	30.64 1.43 0.00	32.70 1.94 0.00	36.20 2.21 0.00	35.41 2.04 0.00	28.36 1.35 0.00	24.11 1.21 0.00	23.12 1.39 0.00
BAYONEEC___CTG8 323689	22.48 1.09 0.00	20.34 0.97 0.00	18.78 0.74 0.00	19.29 0.65 0.00	20.41 0.44 0.00	21.34 0.48 0.00	22.86 0.79 0.00	23.39 0.83 0.00	22.45 0.70 0.00	22.99 0.73 0.00	23.08 0.82 0.00	22.64 0.81 0.00	22.21 0.83 0.00	22.15 0.89 0.00	22.20 0.89 0.00	24.23 1.04 0.00	30.64 1.43 0.00	32.70 1.94 0.00	36.20 2.21 0.00	35.41 2.04 0.00	28.36 1.35 0.00	24.11 1.21 0.00	23.12 1.39 0.00
BAYONEEC___CTG9 323749	22.48 1.09 0.00	20.34 0.97 0.00	18.78 0.74 0.00	19.29 0.65 0.00	20.41 0.44 0.00	21.34 0.48 0.00	22.86 0.79 0.00	23.39 0.83 0.00	22.45 0.70 0.00	22.99 0.73 0.00	23.08 0.82 0.00	22.64 0.81 0.00	22.21 0.83 0.00	22.15 0.89 0.00	22.20 0.89 0.00	24.23 1.04 0.00	30.64 1.43 0.00	32.70 1.94 0.00	36.20 2.21 0.00	35.41 2.04 0.00	28.36 1.35 0.00	24.11 1.21 0.00	23.12 1.39 0.00
BEACON___LESR 323632	22.45 1.07 0.00	20.32 0.95 0.00	18.85 0.81 0.00	19.42 0.78 0.00	20.63 0.66 0.00	21.52 0.67 0.00	22.86 0.79 0.00	23.41 0.86 0.00	22.54 0.78 0.00	23.13 0.87 0.00	23.12 0.87 0.00	22.66 0.83 0.00	22.21 0.83 0.00	22.11 0.85 0.00	22.15 0.85 0.00	24.21 1.02 0.00	30.55 1.34 0.00	32.38 1.63 0.00	36.00 2.00 0.00	35.17 1.80 0.00	28.28 1.27 0.00	23.97 1.08 0.00	22.88 1.15 0.00
BEAVER RIVER___HYD 24048	20.81 -0.58 0.00	18.83 -0.54 0.00	17.59 -0.45 0.00	18.21 -0.43 0.00	19.55 -0.42 0.00	20.42 -0.44 0.00	21.53 -0.53 0.00	21.94 -0.61 0.00	21.12 -0.63 0.00	21.61 -0.65 0.00	21.56 -0.69 0.00	21.11 -0.72 0.00	20.65 -0.73 0.00	20.51 -0.74 0.00	20.58 -0.72 0.00	22.49 -0.70 0.00	28.48 -0.73 0.00	31.88 -0.55 -1.67	35.87 -0.41 -2.28	32.97 -0.40 0.00	28.10 -0.40 -1.49	23.08 -0.37 -0.55	22.92 -0.41 -1.60
BEEBEE_GT_13 23619	20.55 -0.83 0.00	18.58 -0.79 0.00	17.30 -0.74 0.00	17.75 -0.89 0.00	18.85 -1.12 0.00	19.61 -1.25 0.00	20.74 -1.32 0.00	21.11 -1.44 0.00	20.45 -1.31 0.00	20.99 -1.27 0.00	21.08 -1.18 0.00	20.74 -1.09 0.00	20.18 -1.20 0.00	20.11 -1.15 0.00	20.04 -1.26 0.00	21.57 -1.62 0.00	26.99 -2.19 0.02	28.68 -2.06 0.01	31.76 -2.21 0.02	31.11 -2.24 0.02	24.06 -2.00 0.96	21.23 -1.65 0.01	20.54 -1.20 0.00
BENSHRST_27_KV_BENSHRST_1 355998	22.87 1.48 -0.01	20.70 1.32 -0.01	19.05 1.01 0.00	19.61 0.97 0.00	20.69 0.72 0.00	21.59 0.73 0.00	23.06 0.99 0.00	23.57 1.01 0.00	22.67 0.91 0.00	23.20 0.93 0.00	23.23 0.98 0.00	22.84 1.00 0.00	22.42 1.05 0.00	22.30 1.04 0.00	22.41 1.11 0.00	24.44 1.25 0.00	31.05 1.84 0.00	33.10 2.34 -0.01	36.72 2.72 -0.01	35.92 2.54 -0.01	28.63 1.62 0.00	24.41 1.51 0.00	23.56 1.83 -0.01
BETHLEHEM___GRP 23843	22.20 0.81 0.00	20.11 0.74 0.00	18.65 0.61 0.00	19.26 0.62 0.00	20.45 0.48 0.00	21.38 0.52 0.00	22.61 0.55 0.00	23.16 0.61 0.00	22.32 0.57 0.00	22.88 0.62 0.00	22.86 0.60 0.00	22.42 0.59 0.00	21.97 0.60 0.00	21.85 0.60 0.00	21.94 0.64 0.00	23.95 0.77 0.00	30.26 1.05 0.00	32.05 1.29 0.00	35.55 1.56 0.00	34.81 1.43 0.00	27.98 0.97 0.00	23.74 0.85 0.00	22.66 0.93 0.00
BETHLEHEM___GS1 323560	22.20 0.81 0.00	20.11 0.74 0.00	18.65 0.61 0.00	19.24 0.60 0.00	20.43 0.46 0.00	21.32 0.46 0.00	22.64 0.57 0.00	23.16 0.61 0.00	22.30 0.54 0.00	22.86 0.60 0.00	22.88 0.62 0.00	22.42 0.59 0.00	21.97 0.60 0.00	21.87 0.62 0.00	21.94 0.64 0.00	23.95 0.76 0.00	30.23 1.02 0.00	32.02 1.26 0.00	35.52 1.53 0.00	34.77 1.40 0.00	27.98 0.97 0.00	23.72 0.82 0.00	22.62 0.89 0.00
BETHLEHEM___GS2 323561	22.20 0.81 0.00	20.11 0.74 0.00	18.65 0.61 0.00	19.24 0.60 0.00	20.43 0.46 0.00	21.32 0.46 0.00	22.64 0.57 0.00	23.16 0.61 0.00	22.30 0.54 0.00	22.86 0.60 0.00	22.88 0.62 0.00	22.42 0.59 0.00	21.97 0.60 0.00	21.87 0.62 0.00	21.94 0.64 0.00	23.95 0.76 0.00	30.23 1.02 0.00	32.02 1.26 0.00	35.52 1.53 0.00	34.77 1.40 0.00	27.98 0.97 0.00	23.72 0.82 0.00	22.62 0.89 0.00
BETHLEHEM___GS3 323562	22.20 0.81 0.00	20.11 0.74 0.00	18.65 0.61 0.00	19.24 0.60 0.00	20.43 0.46 0.00	21.32 0.46 0.00	22.64 0.57 0.00	23.16 0.61 0.00	22.30 0.54 0.00	22.86 0.60 0.00	22.88 0.62 0.00	22.42 0.59 0.00	21.97 0.60 0.00	21.87 0.62 0.00	21.94 0.64 0.00	23.95 0.76 0.00	30.23 1.02 0.00	32.02 1.26 0.00	35.52 1.53 0.00	34.77 1.40 0.00	27.98 0.97 0.00	23.72 0.82 0.00	22.62 0.89 0.00
BETHLEHEM___STEEL 23779	20.27 -1.11 0.00	18.29 -1.08 0.00	16.99 -1.05 0.00	17.34 -1.30 0.00	18.35 -1.62 0.00	18.98 -1.88 0.00	20.19 -1.88 0.00	20.41 -2.14 0.00	19.84 -1.91 0.00	20.37 -1.89 0.00	20.50 -1.76 0.00	20.20 -1.64 0.00	19.56 -1.82 0.00	19.51 -1.74 0.00	19.36 -1.94 0.00	20.68 -2.50 0.00	25.66 -3.53 0.02	27.43 -3.32 0.01	30.24 -3.74 0.02	29.29 -4.07 0.02	22.43 -3.70 0.88	20.44 -2.45 0.01	19.99 -1.74 0.00
BETHLHEM_115KV_TB1 79974	22.18 0.79 0.00	20.09 0.72 0.00	18.63 0.60 0.00	19.24 0.60 0.00	20.43 0.46 0.00	21.36 0.50 0.00	22.61 0.55 0.00	23.14 0.59 0.00	22.30 0.54 0.00	22.84 0.58 0.00	22.83 0.58 0.00	22.40 0.57 0.00	21.95 0.58 0.00	21.83 0.57 0.00	21.90 0.60 0.00	23.93 0.74 0.00	30.20 0.99 0.00	32.02 1.26 0.00	35.49 1.50 0.00	34.77 1.40 0.00	27.96 0.95 0.00	23.72 0.82 0.00	22.64 0.91 0.00
BETHPAGE_CC_5 323564	22.93 1.54 0.00	20.71 1.34 0.00	19.07 1.03 0.00	19.57 0.93 0.00	20.83 0.86 0.00	21.86 1.00 0.00	25.23 1.39 -1.78	23.97 1.42 0.00	22.93 1.17 0.00	23.48 1.22 0.00	23.50 1.25 0.00	22.97 1.13 0.00	22.53 1.15 0.00	22.49 1.23 0.00	22.58 1.28 0.00	24.70 1.51 0.00	31.22 2.01 0.00	33.43 2.67 0.00	37.39 3.13 -0.28	36.18 2.80 0.00	32.26 2.05 -3.20	30.01 1.79 -5.33	23.60 1.87 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	20.34 -1.05 0.00	18.36 -1.01 0.00	17.05 -0.99 0.00	17.39 -1.25 0.00	18.41 -1.56 0.00	19.04 -1.81 0.00	20.28 -1.79 0.00	20.48 -2.07 0.00	19.93 -1.83 0.00	20.46 -1.80 0.00	20.56 -1.69 0.00	20.26 -1.57 0.00	19.62 -1.75 0.00	19.58 -1.68 0.00	19.43 -1.87 0.00	20.78 -2.41 0.00	25.75 -3.45 0.01	27.55 -3.20 0.01	30.34 -3.64 0.01	29.32 -4.04 0.01	22.46 -3.70 0.85	20.53 -2.36 0.01	20.06 -1.67 0.00

BINGHAMTON___COGEN 23790	21.66 0.28 0.00	19.60 -0.23 0.00	18.22 0.18 0.00	18.77 0.13 0.00	19.97 0.00 0.00	20.79 -0.06 0.00	22.04 -0.02 0.00	22.49 -0.07 0.00	21.73 -0.02 0.00	22.24 -0.02 0.00	22.25 0.00 0.00	21.86 0.02 0.00	21.35 -0.02 0.00	21.23 -0.02 0.00	21.26 -0.04 0.00	23.10 -0.09 0.00	29.04 -0.18 -0.01	30.88 0.12 0.00	34.13 0.14 -0.01	33.34 -0.03 -0.01	26.97 -0.24 -0.20	22.90 0.00 0.00	21.90 0.17 0.00
BIXINCNT_115KV_LOAD 355685	20.19 -1.20 0.00	18.11 -1.26 0.00	16.70 -1.33 0.00	17.07 -1.57 0.00	18.07 -1.90 0.00	18.65 -2.21 0.00	19.83 -2.23 0.00	20.14 -2.41 0.00	19.65 -2.11 0.00	20.15 -2.11 0.00	20.16 -2.09 0.00	19.87 -1.96 0.00	19.22 -2.16 0.00	19.13 -2.13 0.00	19.02 -2.28 0.00	20.38 -2.81 0.00	25.19 -4.00 0.01	27.06 -3.69 0.01	29.73 -4.25 0.01	28.62 -4.74 0.01	21.95 -4.35 0.71	20.19 -2.70 0.01	19.67 -2.06 0.00
BLACK RIVER___HYD 24047	20.91 -0.47 0.00	18.92 -0.44 0.00	17.66 -0.38 0.00	18.30 -0.33 0.00	19.61 -0.36 0.00	20.40 -0.46 0.00	21.45 -0.62 0.00	21.81 -0.74 0.00	21.02 -0.74 0.00	21.53 -0.73 0.00	21.45 -0.80 0.00	21.00 -0.83 0.00	20.50 -0.88 0.00	20.38 -0.87 0.00	20.47 -0.83 0.00	22.38 -0.81 0.00	28.42 -0.79 0.00	31.47 -0.46 -1.17	35.39 -0.20 -1.60	33.17 -0.20 0.00	27.76 -0.30 -1.05	22.98 -0.30 -0.39	22.55 -0.30 -1.12
BLACKRVR_115KV_TB2 79977	20.91 -0.47 0.00	18.92 -0.45 0.00	17.66 -0.38 0.00	18.29 -0.35 0.00	19.59 -0.38 0.00	20.36 -0.50 0.00	21.45 -0.62 0.00	21.81 -0.74 0.00	20.99 -0.76 0.00	21.53 -0.73 0.00	21.45 -0.80 0.00	21.00 -0.83 0.00	20.50 -0.88 0.00	20.41 -0.85 0.00	20.47 -0.83 0.00	22.38 -0.81 0.00	28.42 -0.79 0.00	31.44 -0.49 -1.17	35.39 -0.20 -1.60	33.14 -0.23 0.00	27.73 -0.32 -1.05	22.96 -0.32 -0.39	22.53 -0.33 -1.12
BLISS_WT_PWR 323608	20.04 -1.35 0.00	17.96 -1.41 0.00	16.52 -1.52 0.00	17.13 -1.51 0.00	18.07 -1.90 0.00	18.40 -2.46 0.00	19.44 -2.63 0.00	19.91 -2.64 0.00	19.65 -2.11 0.00	19.94 -2.32 0.00	19.78 -2.47 0.00	19.65 -2.18 0.00	18.98 -2.39 0.00	18.68 -2.57 0.00	18.79 -2.51 0.00	20.13 -3.06 0.00	24.96 -4.24 0.01	26.69 -4.06 0.01	29.29 -4.69 0.01	28.32 -5.04 0.01	21.76 -4.54 0.71	20.05 -2.84 0.01	19.43 -2.30 0.00
BLUESTONE___WT_PWR 323821	22.73 1.35 0.00	20.69 1.32 0.00	19.18 1.14 0.00	19.85 1.21 0.00	21.17 1.20 0.00	22.00 1.15 0.00	23.34 1.28 0.00	23.84 1.28 0.00	23.04 1.28 0.00	23.64 1.38 0.00	23.57 1.31 0.00	23.21 1.38 0.00	22.61 1.24 0.00	22.45 1.19 0.00	22.54 1.24 0.00	24.49 1.30 0.00	30.90 1.69 0.00	32.88 2.12 0.00	36.37 2.38 0.00	35.58 2.20 0.00	28.65 1.48 -0.15	24.29 1.40 0.00	23.19 1.46 0.00
BLUE_CIRC_CHEM_DRP 24182	22.24 0.86 0.00	20.13 0.76 0.00	18.69 0.65 0.00	19.29 0.65 0.00	20.51 0.54 0.00	21.42 0.56 0.00	22.68 0.62 0.00	23.21 0.65 0.00	22.37 0.61 0.00	22.88 0.62 0.00	22.88 0.62 0.00	22.44 0.61 0.00	21.99 0.62 0.00	21.87 0.62 0.00	21.94 0.64 0.00	23.95 0.77 0.00	30.23 1.02 0.00	32.02 1.26 0.00	35.49 1.50 0.00	34.77 1.40 0.00	27.96 0.95 0.00	23.72 0.82 0.00	22.64 0.91 0.00
BOC_GAS_DRP 24189	22.01 0.62 0.00	19.95 0.58 0.00	18.51 0.47 0.00	19.11 0.47 0.00	20.29 0.32 0.00	21.21 0.35 0.00	22.48 0.42 0.00	23.00 0.45 0.00	22.17 0.41 0.00	22.68 0.42 0.00	22.68 0.42 0.00	22.25 0.41 0.00	21.80 0.43 0.00	21.68 0.43 0.00	21.77 0.47 0.00	23.75 0.56 0.00	30.00 0.79 0.00	31.77 1.01 0.00	35.18 1.19 0.00	34.47 1.10 0.00	27.74 0.73 0.00	23.54 0.64 0.00	22.47 0.74 0.00
BOONVILLE_115KV_TB1 79983	21.64 0.26 0.00	19.58 0.21 0.00	18.26 0.22 0.00	18.88 0.24 0.00	20.19 0.22 0.00	21.07 0.21 0.00	22.28 0.22 0.00	22.76 0.20 0.00	21.95 0.20 0.00	22.48 0.22 0.00	22.45 0.20 0.00	22.03 0.20 0.00	21.52 0.15 0.00	21.43 0.17 0.00	21.49 0.19 0.00	23.42 0.23 0.00	29.59 0.38 0.00	31.98 0.58 -0.64	35.64 0.78 -0.87	34.07 0.70 0.00	28.04 0.46 -0.57	23.49 0.39 -0.21	22.73 0.39 -0.61
BORALEX_4TH_BRANCH 23824	22.22 0.83 0.00	20.17 0.79 0.00	18.69 0.65 0.00	19.31 0.67 0.00	20.41 0.44 0.00	21.36 0.50 0.00	22.61 0.55 0.00	23.23 0.68 0.00	22.37 0.61 0.00	22.91 0.65 0.00	22.88 0.62 0.00	22.42 0.59 0.00	21.97 0.60 0.00	21.89 0.64 0.00	21.98 0.68 0.00	24.09 0.90 0.00	30.52 1.31 0.00	32.32 1.57 0.00	35.86 1.87 0.00	35.11 1.74 0.00	28.20 1.19 0.00	23.83 0.94 0.00	22.77 1.04 0.00
BOWLINE___1 23526	22.41 1.03 0.00	20.28 0.91 0.00	18.72 0.69 0.00	19.25 0.61 0.00	20.41 0.44 0.00	21.34 0.48 0.00	22.84 0.77 0.00	23.36 0.81 0.00	22.45 0.70 0.00	22.99 0.73 0.00	23.03 0.78 0.00	22.58 0.74 0.00	22.14 0.77 0.00	22.06 0.81 0.00	22.11 0.81 0.00	24.14 0.95 0.00	30.52 1.32 0.00	32.51 1.75 0.00	36.03 2.04 0.00	35.31 1.93 0.00	28.28 1.27 0.00	24.02 1.12 0.00	22.97 1.24 0.00
BOWLINE___2 23595	22.41 1.03 0.00	20.28 0.91 0.00	18.72 0.69 0.00	19.25 0.61 0.00	20.41 0.44 0.00	21.34 0.48 0.00	22.84 0.77 0.00	23.36 0.81 0.00	22.45 0.70 0.00	22.99 0.73 0.00	23.03 0.78 0.00	22.58 0.74 0.00	22.14 0.77 0.00	22.06 0.81 0.00	22.11 0.81 0.00	24.14 0.95 0.00	30.52 1.32 0.00	32.51 1.75 0.00	36.03 2.04 0.00	35.31 1.93 0.00	28.28 1.27 0.00	24.02 1.12 0.00	22.97 1.24 0.00
BRADY___115KV_TB2 356060	20.69 -0.68 0.01	18.72 -0.64 0.01	17.59 -0.45 0.00	18.19 -0.45 0.00	19.79 -0.18 0.00	20.88 0.02 0.00	22.04 -0.02 0.00	22.58 0.02 0.00	21.76 0.00 0.00	22.24 -0.02 0.00	22.23 -0.02 0.00	21.77 -0.07 0.00	21.31 -0.06 0.00	21.19 -0.06 0.00	21.20 -0.11 0.00	23.07 -0.12 0.00	28.89 -0.32 0.00	32.10 -0.65 -1.99	35.95 -0.75 -2.70	32.74 -0.63 0.00	28.55 -0.24 -1.78	23.32 -0.23 -0.66	23.11 -0.52 -1.90
BRANSCOMB___SOLAR 323811	22.35 0.96 0.00	20.20 0.83 0.00	18.74 0.70 0.00	19.33 0.69 0.00	20.55 0.58 0.00	21.44 0.58 0.00	22.81 0.75 0.00	23.34 0.79 0.00	22.50 0.74 0.00	23.04 0.78 0.00	23.03 0.78 0.00	22.53 0.70 0.00	22.08 0.70 0.00	22.00 0.74 0.00	22.05 0.75 0.00	24.09 0.90 0.00	30.46 1.26 0.00	32.29 1.54 0.00	35.89 1.90 0.00	35.11 1.73 0.00	28.20 1.19 0.00	23.83 0.94 0.00	22.73 1.00 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	22.97 1.58 0.00	20.75 1.38 0.00	19.14 1.10 0.00	19.68 1.04 0.00	20.99 1.02 0.00	22.09 1.23 0.00	25.34 1.50 -1.78	24.04 1.49 0.00	23.02 1.26 0.00	23.46 1.20 0.00	23.41 1.16 0.00	22.88 1.05 0.00	22.44 1.07 0.00	22.36 1.11 0.00	22.52 1.21 0.00	24.67 1.48 0.00	31.28 2.07 0.00	33.46 2.71 0.00	37.39 3.13 -0.28	36.21 2.84 0.00	32.26 2.05 -3.20	30.08 1.85 -5.33	23.73 2.00 0.00

BRISTLHL_115KV_TB1 79998	21.21 -0.17 0.00	19.22 -0.15 0.00	17.89 -0.14 0.00	18.45 -0.19 0.00	19.65 -0.32 0.00	20.42 -0.44 0.00	21.53 -0.53 0.00	21.97 -0.59 0.00	21.23 -0.52 0.00	21.73 -0.53 0.00	21.74 -0.51 0.00	21.35 -0.48 0.00	20.88 -0.49 0.00	20.77 -0.49 0.00	20.79 -0.51 0.00	22.59 -0.60 0.00	28.42 -0.79 0.00	30.08 -0.68 0.00	33.31 -0.68 0.00	32.64 -0.73 0.00	26.31 -0.70 0.00	22.34 -0.55 0.00	21.34 -0.39 0.00
BROOKHAVEN___DRP 24191	22.73 1.35 0.00	20.57 1.20 0.00	19.01 0.97 0.00	19.53 0.89 0.00	20.93 0.96 0.00	22.11 1.25 0.00	25.34 1.50 -1.78	23.93 1.38 0.00	22.80 1.04 0.00	23.15 0.89 0.00	23.10 0.85 0.00	22.60 0.76 0.00	22.17 0.79 0.00	22.08 0.83 0.00	22.26 0.96 0.00	24.39 1.21 0.00	30.99 1.78 0.00	33.25 2.49 0.00	37.12 2.86 -0.28	35.91 2.54 0.00	31.99 1.78 -3.20	29.88 1.65 -5.33	23.49 1.76 0.00
BROOKLYN_NAVY_YARD 23515	22.48 1.09 0.00	20.32 0.95 0.00	18.76 0.72 0.00	19.27 0.63 0.00	20.41 0.44 0.00	21.34 0.48 0.00	22.88 0.82 0.00	23.41 0.86 0.00	22.45 0.70 0.00	23.02 0.76 0.00	23.10 0.85 0.00	22.64 0.81 0.00	22.23 0.86 0.00	22.17 0.91 0.00	22.22 0.92 0.00	24.23 1.04 0.00	30.67 1.46 0.00	32.72 1.97 0.00	36.27 2.28 0.00	35.48 2.10 0.00	28.39 1.38 0.00	24.11 1.21 0.00	23.12 1.39 0.00
BROOKLYN___ARMY_DRP 323595	22.78 1.39 -0.01	20.62 1.24 -0.01	19.00 0.96 0.00	19.55 0.91 0.00	20.63 0.66 0.00	21.52 0.67 0.00	22.97 0.90 0.00	23.50 0.95 0.00	22.58 0.83 0.00	23.11 0.85 0.00	23.14 0.89 0.00	22.75 0.92 0.00	22.34 0.96 0.00	22.21 0.96 0.00	22.32 1.02 0.00	24.35 1.16 0.00	30.93 1.72 0.00	32.98 2.21 -0.01	36.55 2.55 -0.01	35.78 2.40 -0.01	28.52 1.51 0.00	24.34 1.44 0.00	23.48 1.74 -0.01
BROOKVLE_69_KV_TB1 55790	23.03 1.65 0.00	20.79 1.41 0.00	19.18 1.14 0.00	19.74 1.10 0.00	20.97 1.00 0.00	22.02 1.17 0.00	25.30 1.46 -1.78	24.06 1.51 0.00	23.13 1.37 0.00	23.60 1.34 0.00	23.61 1.36 0.00	23.12 1.29 0.00	22.70 1.33 0.00	22.59 1.34 0.00	22.73 1.43 0.00	24.84 1.65 0.00	31.48 2.28 0.00	33.65 2.89 0.00	37.60 3.33 -0.27	36.44 3.07 0.00	32.42 2.21 -3.20	30.20 1.97 -5.33	23.82 2.09 0.00
BROOME_2_LFGE 323671	21.66 0.28 0.00	19.62 0.25 0.00	18.22 0.18 0.00	18.83 0.19 0.00	20.01 0.04 0.00	20.79 -0.06 0.00	22.02 -0.04 0.00	22.49 -0.07 0.00	21.76 0.00 0.00	22.24 -0.02 0.00	22.23 -0.02 0.00	21.86 0.02 0.00	21.35 -0.02 0.00	21.19 -0.06 0.00	21.26 -0.04 0.00	23.10 -0.09 0.00	29.07 -0.15 -0.01	30.88 0.12 0.00	34.10 0.10 -0.01	33.38 0.00 -0.01	27.00 -0.22 -0.20	22.90 0.00 0.00	21.90 0.17 0.00
BROOME___LFGE 323600	21.66 0.28 0.00	19.62 0.25 0.00	18.22 0.18 0.00	18.83 0.19 0.00	20.01 0.04 0.00	20.79 -0.06 0.00	22.02 -0.04 0.00	22.49 -0.07 0.00	21.76 0.00 0.00	22.24 -0.02 0.00	22.23 -0.02 0.00	21.86 0.02 0.00	21.35 -0.02 0.00	21.19 -0.06 0.00	21.26 -0.04 0.00	23.10 -0.09 0.00	29.07 -0.15 -0.01	30.88 0.12 0.00	34.10 0.10 -0.01	33.38 0.00 -0.01	27.00 -0.22 -0.20	22.90 0.00 0.00	21.90 0.17 0.00
BROWNFLS_115KV_TB 3_5 80003	20.31 -1.07 0.00	18.38 -0.99 0.00	17.23 -0.81 0.00	17.82 -0.82 0.00	19.25 -0.72 0.00	20.21 -0.65 0.00	21.34 -0.73 0.00	21.79 -0.77 0.00	20.99 -0.76 0.00	21.48 -0.78 0.00	21.43 -0.82 0.00	20.98 -0.85 0.00	20.52 -0.85 0.00	20.41 -0.85 0.00	20.45 -0.85 0.00	22.28 -0.90 0.00	28.07 -1.14 0.00	32.52 -1.23 -3.00	36.82 -1.26 -4.09	32.17 -1.20 0.00	28.79 -0.89 -2.68	23.10 -0.78 -0.99	23.69 -0.91 -2.87
BROWNSV1_27_KV_LOAD 356125	22.69 1.30 0.00	20.51 1.14 0.00	18.94 0.90 0.00	19.50 0.86 0.00	20.65 0.68 0.00	21.61 0.75 0.00	23.06 0.99 0.00	23.59 1.04 0.00	22.69 0.94 0.00	23.20 0.93 0.00	23.23 0.98 0.00	22.84 1.00 0.00	22.40 1.03 0.00	22.28 1.02 0.00	22.39 1.09 0.00	24.44 1.25 0.00	30.96 1.75 0.00	33.03 2.28 0.00	36.61 2.62 0.00	35.84 2.47 0.00	28.63 1.62 0.00	24.41 1.51 0.00	23.43 1.69 0.00
BURROWS___LYONSDAL 23803	21.47 0.09 0.00	19.45 0.08 0.00	18.13 0.09 0.00	18.75 0.11 0.00	20.07 0.10 0.00	20.94 0.08 0.00	22.15 0.09 0.00	22.60 0.05 0.00	21.78 0.02 0.00	22.30 0.04 0.00	22.28 0.02 0.00	21.86 0.02 0.00	21.35 -0.02 0.00	21.23 -0.02 0.00	21.30 0.00 0.00	23.24 0.05 0.00	29.38 0.18 0.00	31.96 0.37 -0.84	35.68 0.54 -1.15	33.87 0.50 0.00	28.06 0.30 -0.75	23.42 0.25 -0.28	22.77 0.24 -0.81
CAITHNESS_CC_1 323624	22.73 1.35 0.00	20.55 1.18 0.00	18.90 0.87 0.00	19.40 0.76 0.00	20.77 0.80 0.00	21.94 1.08 0.00	25.28 1.43 -1.78	23.91 1.35 0.00	22.65 0.89 0.00	23.17 0.91 0.00	23.17 0.91 0.00	22.60 0.76 0.00	22.17 0.79 0.00	22.17 0.91 0.00	22.26 0.96 0.00	24.39 1.21 0.00	30.87 1.66 0.00	33.18 2.43 0.00	37.05 2.79 -0.28	35.81 2.43 0.00	31.96 1.75 -3.20	29.79 1.56 -5.33	23.38 1.65 0.00
CALPINE BETH_PAGE_GT4 24209	22.95 1.56 0.00	20.73 1.36 0.00	19.12 1.08 0.00	19.67 1.03 0.00	20.91 0.94 0.00	21.98 1.13 0.00	25.26 1.41 -1.78	24.00 1.44 0.00	23.02 1.26 0.00	23.51 1.25 0.00	23.48 1.22 0.00	22.99 1.16 0.00	22.55 1.18 0.00	22.47 1.21 0.00	22.60 1.30 0.00	24.72 1.53 0.00	31.34 2.13 0.00	33.49 2.74 0.00	37.43 3.16 -0.28	36.28 2.90 0.00	32.29 2.08 -3.20	30.11 1.88 -5.33	23.71 1.98 0.00
CALPINE_BETH_PAGE_GT_4 323586	22.95 1.56 0.00	20.73 1.36 0.00	19.08 1.05 0.00	19.59 0.95 0.00	20.85 0.88 0.00	21.88 1.02 0.00	25.23 1.39 -1.78	24.00 1.44 0.00	22.95 1.20 0.00	23.48 1.22 0.00	23.52 1.27 0.00	22.99 1.16 0.00	22.55 1.17 0.00	22.51 1.25 0.00	22.60 1.30 0.00	24.72 1.53 0.00	31.25 2.04 0.00	33.46 2.71 0.00	37.43 3.16 -0.28	36.24 2.87 0.00	32.29 2.08 -3.20	30.04 1.81 -5.33	23.62 1.89 0.00
CALPINE_BP_GT1 23823	22.95 1.56 0.00	20.73 1.36 0.00	19.08 1.05 0.00	19.59 0.95 0.00	20.85 0.88 0.00	21.88 1.02 0.00	25.23 1.39 -1.78	24.00 1.44 0.00	22.95 1.20 0.00	23.48 1.22 0.00	23.52 1.27 0.00	22.99 1.16 0.00	22.55 1.17 0.00	22.51 1.25 0.00	22.60 1.30 0.00	24.72 1.53 0.00	31.25 2.04 0.00	33.46 2.71 0.00	37.43 3.16 -0.28	36.24 2.87 0.00	32.29 2.08 -3.20	30.04 1.81 -5.33	23.62 1.89 0.00
CALSPAN___DRP 24200	20.27 -1.11 0.00	18.29 -1.08 0.00	16.99 -1.05 0.00	17.34 -1.30 0.00	18.35 -1.62 0.00	18.98 -1.88 0.00	20.19 -1.88 0.00	20.41 -2.14 0.00	19.84 -1.91 0.00	20.37 -1.89 0.00	20.50 -1.76 0.00	20.20 -1.64 0.00	19.56 -1.82 0.00	19.51 -1.74 0.00	19.36 -1.94 0.00	20.68 -2.50 0.00	25.66 -3.53 0.02	27.43 -3.32 0.01	30.24 -3.74 0.02	29.29 -4.07 0.02	22.43 -3.70 0.88	20.44 -2.45 0.01	19.99 -1.74 0.00

CALVERTON___SOLAR 323806	22.77 1.39 0.00	20.59 1.22 0.00	18.92 0.88 0.00	19.42 0.78 0.00	20.85 0.88 0.00	22.07 1.21 0.00	25.41 1.57 -1.78	23.97 1.42 0.00	22.67 0.91 0.00	23.17 0.91 0.00	23.17 0.91 0.00	22.60 0.76 0.00	22.17 0.79 0.00	22.17 0.91 0.00	22.26 0.96 0.00	24.39 1.21 0.00	30.90 1.69 0.00	33.28 2.52 0.00	37.15 2.89 -0.28	35.91 2.54 0.00	32.04 1.84 -3.20	29.83 1.60 -5.33	23.43 1.70 0.00
CANDIGU_WT_PWR 323617	21.81 0.43 0.00	19.72 0.35 0.00	18.27 0.23 0.00	18.83 0.19 0.00	19.89 -0.08 0.00	20.56 -0.29 0.00	21.73 -0.33 0.00	22.12 -0.43 0.00	21.43 -0.33 0.00	21.86 -0.40 0.00	21.83 -0.42 0.00	21.46 -0.37 0.00	20.95 -0.43 0.00	20.77 -0.49 0.00	20.85 -0.45 0.00	22.61 -0.58 0.00	28.44 -0.79 -0.02	30.33 -0.43 -0.01	33.46 -0.55 -0.02	32.69 -0.70 -0.02	26.74 -0.92 -0.65	22.45 -0.46 -0.01	21.51 -0.22 0.00
CARR STREET_E_SYR 24060	21.34 -0.04 0.00	19.33 -0.04 0.00	18.00 -0.04 0.00	18.60 -0.04 0.00	19.81 -0.16 0.00	20.61 -0.25 0.00	21.67 -0.40 0.00	22.12 -0.43 0.00	21.43 -0.33 0.00	21.90 -0.36 0.00	21.90 -0.36 0.00	21.53 -0.31 0.00	21.05 -0.32 0.00	20.91 -0.34 0.00	20.98 -0.32 0.00	22.77 -0.42 0.00	28.68 -0.52 0.00	30.39 -0.37 0.00	33.58 -0.41 0.00	32.94 -0.43 0.00	26.50 -0.51 0.00	22.53 -0.37 0.00	21.56 -0.17 0.00
CARTHAGE___PAPER 23857	20.76 -0.62 0.00	18.77 -0.60 0.00	17.53 -0.50 0.00	18.16 -0.48 0.00	19.49 -0.48 0.00	20.34 -0.52 0.00	21.42 -0.64 0.00	21.79 -0.77 0.00	20.95 -0.80 0.00	21.41 -0.85 0.00	21.36 -0.89 0.00	20.90 -0.94 0.00	20.41 -0.96 0.00	20.30 -0.96 0.00	20.36 -0.94 0.00	22.31 -0.88 0.00	28.33 -0.88 0.00	31.47 -0.65 -1.37	35.41 -0.44 -1.86	32.94 -0.43 0.00	27.80 -0.43 -1.22	22.93 -0.41 -0.45	22.56 -0.48 -1.31
CASSADAGA_WT_PWR 323784	20.66 -0.73 0.00	18.58 -0.80 0.00	17.19 -0.85 0.00	17.60 -1.04 0.00	18.57 -1.40 0.00	18.81 -2.04 0.00	19.90 -2.16 0.00	20.25 -2.30 0.00	19.86 -1.89 0.00	20.17 -2.09 0.00	20.03 -2.23 0.00	19.83 -2.01 0.00	19.15 -2.22 0.00	18.81 -2.44 0.00	18.92 -2.39 0.00	20.22 -2.97 0.00	25.08 -4.12 0.01	26.84 -3.91 0.01	29.49 -4.49 0.01	28.69 -4.67 0.01	22.03 -4.24 0.74	20.39 -2.49 0.01	19.80 -1.93 0.00
CE_DUNWOOD___DRP 24194	22.50 1.11 0.00	20.36 0.99 0.00	18.81 0.78 0.00	19.39 0.75 0.00	20.53 0.56 0.00	21.50 0.65 0.00	22.92 0.86 0.00	23.45 0.90 0.00	22.56 0.80 0.00	23.08 0.82 0.00	23.08 0.82 0.00	22.66 0.83 0.00	22.23 0.85 0.00	22.11 0.85 0.00	22.22 0.92 0.00	24.26 1.07 0.00	30.70 1.49 0.00	32.69 1.94 0.00	36.27 2.28 0.00	35.51 2.14 0.00	28.42 1.40 0.00	24.18 1.28 0.00	23.16 1.43 0.00
CE_MILLWOOD___DRP 24193	22.48 1.09 0.00	20.34 0.97 0.00	18.80 0.76 0.00	19.37 0.73 0.00	20.51 0.54 0.00	21.46 0.60 0.00	22.90 0.84 0.00	23.41 0.86 0.00	22.54 0.78 0.00	23.04 0.78 0.00	23.06 0.80 0.00	22.64 0.81 0.00	22.21 0.83 0.00	22.06 0.81 0.00	22.17 0.87 0.00	24.21 1.02 0.00	30.67 1.46 0.00	32.66 1.91 0.00	36.20 2.21 0.00	35.44 2.07 0.00	28.39 1.38 0.00	24.13 1.24 0.00	23.14 1.41 0.00
CE_NYC2_DRP 24202	22.63 1.24 0.00	20.48 1.10 0.00	18.89 0.85 0.00	19.46 0.82 0.00	20.57 0.60 0.00	21.48 0.63 0.00	22.90 0.84 0.00	23.41 0.86 0.00	22.50 0.74 0.00	23.02 0.76 0.00	23.06 0.80 0.00	22.64 0.81 0.00	22.23 0.85 0.00	22.11 0.85 0.00	22.22 0.92 0.00	24.23 1.04 0.00	30.73 1.52 0.00	32.75 2.00 0.00	36.30 2.31 0.00	35.54 2.17 0.00	28.39 1.38 0.00	24.22 1.33 0.00	23.32 1.59 0.00
CE_NYC_DRP 24195	22.52 1.13 0.00	20.36 0.99 0.00	18.80 0.76 0.00	19.37 0.73 0.00	20.51 0.54 0.00	21.46 0.60 0.00	22.90 0.84 0.00	23.41 0.86 0.00	22.52 0.76 0.00	23.04 0.78 0.00	23.06 0.80 0.00	22.66 0.83 0.00	22.23 0.85 0.00	22.11 0.85 0.00	22.22 0.92 0.00	24.26 1.07 0.00	30.73 1.52 0.00	32.75 2.00 0.00	36.30 2.31 0.00	35.54 2.17 0.00	28.42 1.40 0.00	24.22 1.33 0.00	23.23 1.50 0.00
CHAFFEE___LFGE 323603	20.34 -1.05 0.00	18.36 -1.01 0.00	17.03 -1.01 0.00	17.67 -0.97 0.00	18.61 -1.36 0.00	19.02 -1.84 0.00	20.12 -1.94 0.00	20.50 -2.05 0.00	20.17 -1.59 0.00	20.50 -1.76 0.00	20.41 -1.85 0.00	20.30 -1.53 0.00	19.64 -1.73 0.00	19.34 -1.91 0.00	19.47 -1.83 0.00	20.80 -2.39 0.00	25.86 -3.33 0.01	27.61 -3.14 0.01	30.31 -3.67 0.01	29.49 -3.87 0.01	22.68 -3.54 0.79	20.71 -2.18 0.01	20.12 -1.61 0.00
CHATEAUG_35_KV_LOAD 355732	19.99 -1.39 0.01	18.05 -1.32 0.01	17.37 -0.67 0.00	17.65 -0.99 0.00	19.41 -0.56 0.00	20.69 -0.17 0.00	21.78 -0.29 0.00	22.33 -0.23 0.00	21.56 -0.20 0.00	22.13 -0.13 0.00	22.10 -0.16 0.00	21.53 -0.31 0.00	21.05 -0.32 0.00	20.81 -0.45 0.00	20.66 -0.64 0.00	22.28 -0.90 0.00	27.86 -1.34 0.00	-1.66 -1.94 30.48	-9.93 -2.21 41.71	31.30 -2.07 0.00	-1.59 -1.40 27.19	11.59 -1.28 10.03	-9.01 -1.52 29.22
CHATEAUG_WT_PWR 323614	19.90 -1.48 0.01	17.97 -1.39 0.01	17.26 -0.78 0.00	17.56 -1.08 0.00	19.29 -0.68 0.00	20.65 -0.21 0.00	21.73 -0.33 0.00	22.26 -0.29 0.00	21.52 -0.24 0.00	22.11 -0.15 0.00	22.05 -0.20 0.00	21.46 -0.37 0.00	20.99 -0.38 0.00	20.77 -0.49 0.00	20.62 -0.68 0.00	22.22 -0.97 0.00	27.75 -1.46 0.00	0.38 -2.03 28.34	-6.98 -2.18 38.79	31.20 -2.17 0.00	0.21 -1.51 25.29	12.22 -1.35 9.32	-7.01 -1.56 27.17
CHAT_HIGH_FALL_HYD 323578	19.99 -1.39 0.01	18.05 -1.32 0.01	17.37 -0.67 0.00	17.65 -0.99 0.00	19.41 -0.56 0.00	20.69 -0.17 0.00	21.78 -0.29 0.00	22.33 -0.23 0.00	21.56 -0.20 0.00	22.13 -0.13 0.00	22.10 -0.16 0.00	21.53 -0.31 0.00	21.05 -0.32 0.00	20.81 -0.45 0.00	20.66 -0.64 0.00	22.28 -0.90 0.00	27.86 -1.34 0.00	-1.66 -1.94 30.48	-9.93 -2.21 41.71	31.30 -2.07 0.00	-1.59 -1.40 27.19	11.59 -1.28 10.03	-9.01 -1.52 29.22
CHAUTAUQUA___LFGE 323629	20.55 -0.83 0.00	18.56 -0.81 0.00	17.23 -0.81 0.00	17.73 -0.91 0.00	18.69 -1.28 0.00	19.04 -1.81 0.00	20.17 -1.90 0.00	20.52 -2.03 0.00	20.17 -1.59 0.00	20.48 -1.78 0.00	20.36 -1.89 0.00	20.22 -1.62 0.00	19.56 -1.82 0.00	19.22 -2.04 0.00	19.34 -1.96 0.00	20.68 -2.50 0.00	25.69 -3.51 0.01	27.46 -3.29 0.01	30.14 -3.84 0.01	29.39 -3.97 0.01	22.59 -3.62 0.80	20.67 -2.22 0.01	20.08 -1.65 0.00
CHERRYST_13_KV_LD 356241	22.56 1.18 0.00	20.42 1.05 0.00	18.85 0.81 0.00	19.40 0.76 0.00	20.55 0.58 0.00	21.50 0.65 0.00	22.95 0.88 0.00	23.48 0.92 0.00	22.56 0.80 0.00	23.08 0.82 0.00	23.12 0.87 0.00	22.71 0.87 0.00	22.29 0.92 0.00	22.15 0.89 0.00	22.28 0.98 0.00	24.30 1.11 0.00	30.78 1.58 0.00	32.85 2.09 0.00	36.37 2.38 0.00	35.61 2.24 0.00	28.47 1.46 0.00	24.27 1.37 0.00	23.29 1.56 0.00

CHESTROR_138KV_BK263 355645	22.28 0.90 0.00	20.17 0.79 0.00	18.65 0.61 0.00	19.24 0.60 0.00	20.41 0.44 0.00	21.34 0.48 0.00	22.70 0.64 0.00	23.23 0.68 0.00	22.37 0.61 0.00	22.86 0.60 0.00	22.88 0.62 0.00	22.44 0.61 0.00	22.02 0.64 0.00	21.87 0.62 0.00	21.98 0.68 0.00	24.00 0.81 0.00	30.35 1.14 0.00	32.29 1.54 0.00	35.79 1.80 0.00	35.11 1.74 0.00	28.12 1.11 0.00	23.90 1.01 0.00	22.88 1.15 0.00
CH_MIDHUDSON___DRP 24192	22.45 1.07 0.00	20.32 0.95 0.00	18.80 0.76 0.00	19.37 0.73 0.00	20.53 0.56 0.00	21.48 0.63 0.00	22.86 0.79 0.00	23.39 0.83 0.00	22.50 0.74 0.00	23.02 0.76 0.00	23.01 0.76 0.00	22.58 0.74 0.00	22.14 0.77 0.00	22.00 0.74 0.00	22.11 0.81 0.00	24.16 0.97 0.00	30.58 1.37 0.00	32.57 1.81 0.00	36.10 2.11 0.00	35.37 2.00 0.00	28.31 1.30 0.00	24.04 1.14 0.00	23.01 1.28 0.00
CH_MISC_IPPS 23765	22.56 1.18 0.00	20.42 1.05 0.00	18.87 0.83 0.00	19.40 0.76 0.00	20.59 0.62 0.00	21.48 0.63 0.00	22.95 0.88 0.00	23.48 0.93 0.00	22.56 0.81 0.00	23.08 0.82 0.00	23.12 0.87 0.00	22.66 0.83 0.00	22.21 0.83 0.00	22.13 0.87 0.00	22.20 0.89 0.00	24.26 1.07 0.00	30.70 1.49 0.00	32.69 1.94 0.00	36.27 2.28 0.00	35.54 2.17 0.00	28.44 1.43 0.00	24.11 1.21 0.00	23.06 1.33 0.00
CH_RES_BVR_FALLS 23983	20.62 -0.75 0.01	18.70 -0.66 0.01	17.73 -0.31 0.00	18.16 -0.48 0.00	19.73 -0.24 0.00	20.71 -0.14 0.00	21.89 -0.18 0.00	22.33 -0.23 0.00	21.47 -0.28 0.00	21.90 -0.36 0.00	21.83 -0.42 0.00	21.37 -0.46 0.00	20.90 -0.47 0.00	20.79 -0.47 0.00	20.81 -0.49 0.00	22.66 -0.53 0.00	28.48 -0.73 0.00	29.80 -0.95 0.00	32.90 -1.05 0.04	32.37 -1.00 0.00	26.36 -0.65 0.00	22.30 -0.60 0.00	20.98 -0.74 0.01
CH_RES_NIAGARA 23895	19.35 -2.03 0.00	17.51 -1.86 0.00	16.31 -1.73 0.00	16.93 -1.71 0.00	17.83 -2.14 0.00	18.19 -2.67 0.00	19.15 -2.91 0.00	19.51 -3.05 0.00	19.21 -2.55 0.00	19.48 -2.78 0.00	19.38 -2.87 0.00	19.32 -2.51 0.00	18.68 -2.69 0.00	18.39 -2.87 0.00	18.51 -2.79 0.00	19.76 -3.43 0.00	24.58 -4.61 0.02	26.16 -4.58 0.01	28.71 -5.27 0.02	28.25 -5.11 0.02	21.57 -4.46 0.98	19.63 -3.25 0.01	19.19 -2.54 0.00
CH_RES_SYRACUSE 23985	21.49 0.11 0.00	19.49 0.12 0.00	18.13 0.09 0.00	18.73 0.09 0.00	19.95 -0.02 0.00	20.79 -0.06 0.00	21.84 -0.22 0.00	22.33 -0.23 0.00	21.63 -0.13 0.00	22.11 -0.15 0.00	22.10 -0.15 0.00	21.70 -0.13 0.00	21.25 -0.13 0.00	21.09 -0.17 0.00	21.15 -0.15 0.00	22.98 -0.21 0.00	28.95 -0.26 -0.01	30.63 -0.12 0.00	33.86 -0.14 -0.01	33.21 -0.17 -0.01	26.93 -0.30 -0.22	22.71 -0.18 0.00	21.73 0.00 0.00
CLINTON_WT_PWR 323605	19.90 -1.48 0.01	17.97 -1.39 0.01	17.26 -0.78 0.00	17.56 -1.08 0.00	19.29 -0.68 0.00	20.65 -0.21 0.00	21.73 -0.33 0.00	22.26 -0.29 0.00	21.52 -0.24 0.00	22.11 -0.15 0.00	22.05 -0.20 0.00	21.46 -0.37 0.00	20.99 -0.38 0.00	20.77 -0.49 0.00	20.62 -0.68 0.00	22.22 -0.97 0.00	27.75 -1.46 0.00	0.38 -2.03 28.34	-6.98 -2.18 38.79	31.20 -2.17 0.00	0.21 -1.51 25.29	12.22 -1.35 9.32	-7.01 -1.56 27.17
CLINTON___LFGE 323618	20.05 -1.33 0.01	18.12 -1.24 0.01	17.43 -0.61 0.00	17.71 -0.93 0.00	19.45 -0.52 0.00	20.79 -0.06 0.00	21.80 -0.26 0.00	22.37 -0.18 0.00	21.63 -0.13 0.00	22.19 -0.07 0.00	22.17 -0.09 0.00	21.57 -0.26 0.00	21.10 -0.28 0.00	20.87 -0.38 0.00	20.71 -0.60 0.00	22.35 -0.83 0.00	27.92 -1.28 0.00	0.01 -1.84 28.90	-7.43 -1.87 39.55	31.50 -1.87 0.00	0.01 -1.21 25.79	12.31 -1.08 9.51	-7.28 -1.30 27.71
COBBLENY_34_KV_TB1 80064	20.34 -1.05 0.00	18.34 -1.03 0.00	17.03 -1.01 0.00	17.37 -1.27 0.00	18.41 -1.56 0.00	19.06 -1.79 0.00	20.28 -1.79 0.00	20.50 -2.05 0.00	19.93 -1.83 0.00	20.48 -1.78 0.00	20.59 -1.67 0.00	20.30 -1.53 0.00	19.64 -1.73 0.00	19.60 -1.66 0.00	19.47 -1.83 0.00	20.80 -2.39 0.00	25.78 -3.42 0.01	27.61 -3.14 0.01	30.41 -3.57 0.01	29.42 -3.94 0.01	22.60 -3.62 0.79	20.55 -2.34 0.01	20.08 -1.65 0.00
COFFEEN___115KV_TB3 355620	21.04 -0.34 0.00	19.02 -0.35 0.00	17.77 -0.27 0.00	18.38 -0.26 0.00	19.69 -0.28 0.00	20.44 -0.42 0.00	21.51 -0.55 0.00	21.88 -0.68 0.00	21.06 -0.70 0.00	21.59 -0.67 0.00	21.50 -0.76 0.00	21.05 -0.79 0.00	20.54 -0.83 0.00	20.45 -0.81 0.00	20.51 -0.79 0.00	22.45 -0.74 0.00	28.53 -0.67 0.00	31.59 -0.31 -1.14	35.58 0.03 -1.55	33.37 0.00 0.00	27.89 -0.14 -1.02	23.11 -0.16 -0.37	22.62 -0.20 -1.09
COLDSPRG_115KV_BK1 355956	21.06 -0.32 0.00	19.00 -0.37 0.00	17.57 -0.47 0.00	17.86 -0.78 0.00	18.93 -1.04 0.00	19.52 -1.33 0.00	20.85 -1.21 0.00	21.09 -1.47 0.00	20.52 -1.24 0.00	21.04 -1.22 0.00	21.08 -1.18 0.00	20.74 -1.09 0.00	20.09 -1.28 0.00	19.94 -1.32 0.00	19.83 -1.47 0.00	21.24 -1.95 0.00	26.31 -2.89 0.01	28.26 -2.49 0.01	31.13 -2.86 0.01	29.96 -3.40 0.01	23.03 -3.35 0.63	21.20 -1.69 0.01	20.62 -1.11 0.00
COLONIE_LFGE___ 323577	22.15 0.77 0.00	20.07 0.70 0.00	18.63 0.59 0.00	19.20 0.56 0.00	20.37 0.40 0.00	21.25 0.40 0.00	22.59 0.53 0.00	23.14 0.59 0.00	22.30 0.54 0.00	22.84 0.58 0.00	22.86 0.60 0.00	22.38 0.55 0.00	21.93 0.55 0.00	21.85 0.59 0.00	21.90 0.60 0.00	23.95 0.76 0.00	30.26 1.05 0.00	32.05 1.29 0.00	35.55 1.56 0.00	34.81 1.43 0.00	27.98 0.97 0.00	23.70 0.80 0.00	22.60 0.87 0.00
COOPERNY_115KV_TB1 80082	22.07 0.68 0.00	19.99 0.62 0.00	18.51 0.47 0.00	19.09 0.45 0.00	20.29 0.32 0.00	21.21 0.35 0.00	22.55 0.49 0.00	23.05 0.50 0.00	22.21 0.46 0.00	22.73 0.47 0.00	22.72 0.47 0.00	22.31 0.48 0.00	21.87 0.49 0.00	21.72 0.47 0.00	21.81 0.51 0.00	23.79 0.60 0.00	30.05 0.85 0.00	31.92 1.17 0.00	35.35 1.36 0.00	34.67 1.30 0.00	27.82 0.81 0.01	23.65 0.76 0.00	22.62 0.89 0.00
COPENHAGEN_WT_PWR 323753	20.93 -0.45 0.00	18.94 -0.43 0.00	17.68 -0.36 0.00	18.30 -0.33 0.00	19.59 -0.38 0.00	20.40 -0.46 0.00	21.45 -0.62 0.00	21.81 -0.74 0.00	21.02 -0.74 0.00	21.53 -0.73 0.00	21.45 -0.80 0.00	21.03 -0.81 0.00	20.52 -0.86 0.00	20.40 -0.85 0.00	20.49 -0.81 0.00	22.38 -0.81 0.00	28.42 -0.79 0.00	31.34 -0.49 -1.08	35.19 -0.27 -1.47	33.10 -0.27 0.00	27.62 -0.35 -0.96	22.93 -0.32 -0.35	22.46 -0.30 -1.03
CORNELL_____ 23752	21.94 0.56 0.00	19.89 0.52 0.00	18.51 0.47 0.00	19.09 0.45 0.00	20.33 0.36 0.00	21.17 0.31 0.00	22.39 0.33 0.00	22.80 0.25 0.00	22.00 0.24 0.00	22.48 0.22 0.00	22.48 0.22 0.00	22.07 0.24 0.00	21.57 0.19 0.00	21.45 0.19 0.00	21.51 0.21 0.00	23.40 0.21 0.00	29.50 0.29 0.00	31.40 0.65 0.00	34.78 0.78 0.00	34.01 0.63 0.00	27.46 0.30 -0.15	23.26 0.37 0.00	22.23 0.50 0.00

CORONA__69_KV_TB1 355595	22.90 1.52 0.00	20.69 1.32 0.00	19.09 1.05 0.00	19.65 1.01 0.00	20.87 0.90 0.00	21.90 1.04 0.00	25.17 1.32 -1.78	23.91 1.35 0.00	22.97 1.22 0.00	23.46 1.20 0.00	23.46 1.20 0.00	22.97 1.14 0.00	22.53 1.15 0.00	22.42 1.17 0.00	22.56 1.26 0.00	24.67 1.48 0.00	31.25 2.04 0.00	33.37 2.61 0.00	37.26 2.99 -0.27	36.14 2.77 0.00	32.21 2.00 -3.20	30.01 1.79 -5.33	23.64 1.91 0.00
CORTLAND__115KV_TB3 80093	21.75 0.36 0.00	19.72 0.35 0.00	18.33 0.29 0.00	18.90 0.26 0.00	20.15 0.18 0.00	20.96 0.10 0.00	22.17 0.11 0.00	22.60 0.05 0.00	21.84 0.09 0.00	22.35 0.09 0.00	22.34 0.09 0.00	21.94 0.11 0.00	21.44 0.06 0.00	21.34 0.09 0.00	21.39 0.09 0.00	23.24 0.05 0.00	29.26 0.06 0.00	31.09 0.34 0.00	34.40 0.41 0.00	33.67 0.30 0.00	27.06 0.05 0.01	23.05 0.16 0.00	22.03 0.30 0.00
COXSACKIE__GT 23611	23.05 1.67 0.00	20.82 1.45 0.00	19.30 1.26 0.00	19.91 1.27 0.00	21.19 1.22 0.00	22.07 1.21 0.00	23.41 1.35 0.00	23.84 1.28 0.00	22.89 1.13 0.00	23.37 1.11 0.00	23.32 1.07 0.00	22.84 1.00 0.00	22.36 0.98 0.00	22.26 1.00 0.00	22.30 1.00 0.00	24.49 1.30 0.00	31.10 1.90 0.00	33.18 2.43 0.00	36.98 2.99 0.00	36.31 2.94 0.00	28.98 1.97 0.00	24.47 1.58 0.00	23.32 1.59 0.00
CPV_VALLEY__CC1 323721	22.13 0.75 0.00	20.03 0.66 0.00	18.53 0.49 0.00	19.07 0.43 0.00	20.25 0.28 0.00	21.15 0.29 0.00	22.57 0.51 0.00	23.09 0.54 0.00	22.21 0.46 0.00	22.75 0.49 0.00	22.77 0.51 0.00	22.34 0.50 0.00	21.89 0.51 0.00	21.79 0.53 0.00	21.85 0.55 0.00	23.86 0.67 0.00	30.11 0.91 0.00	32.02 1.26 0.00	35.48 1.49 0.00	34.77 1.40 0.00	27.90 0.89 0.01	23.70 0.80 0.00	22.64 0.91 0.00
CPV_VALLEY__CC2 323722	22.13 0.75 0.00	20.03 0.66 0.00	18.53 0.49 0.00	19.07 0.43 0.00	20.25 0.28 0.00	21.15 0.29 0.00	22.57 0.51 0.00	23.09 0.54 0.00	22.21 0.46 0.00	22.75 0.49 0.00	22.77 0.51 0.00	22.34 0.50 0.00	21.89 0.51 0.00	21.79 0.53 0.00	21.85 0.55 0.00	23.86 0.67 0.00	30.11 0.91 0.00	32.02 1.26 0.00	35.48 1.49 0.00	34.77 1.40 0.00	27.90 0.89 0.01	23.70 0.80 0.00	22.64 0.91 0.00
CRESCENT__HYD 24018	22.15 0.77 0.00	20.07 0.70 0.00	18.63 0.59 0.00	19.20 0.56 0.00	20.37 0.40 0.00	21.25 0.40 0.00	22.59 0.53 0.00	23.14 0.59 0.00	22.30 0.54 0.00	22.84 0.58 0.00	22.86 0.60 0.00	22.38 0.55 0.00	21.93 0.55 0.00	21.85 0.59 0.00	21.90 0.60 0.00	23.95 0.76 0.00	30.26 1.05 0.00	32.05 1.29 0.00	35.55 1.56 0.00	34.81 1.43 0.00	27.98 0.97 0.00	23.70 0.80 0.00	22.60 0.87 0.00
CRICKET__VALLEY_CC1 323756	22.28 0.90 0.00	20.20 0.83 0.00	18.71 0.67 0.00	19.24 0.60 0.00	20.37 0.40 0.00	21.27 0.42 0.00	22.68 0.62 0.00	23.25 0.70 0.00	22.34 0.59 0.00	22.88 0.62 0.00	22.92 0.67 0.00	22.44 0.61 0.00	22.02 0.64 0.00	21.96 0.70 0.00	22.00 0.70 0.00	24.05 0.86 0.00	30.38 1.17 0.00	32.26 1.51 0.00	35.79 1.80 0.00	35.01 1.63 0.00	28.09 1.08 0.00	23.81 0.92 0.00	22.75 1.02 0.00
CRICKET__VALLEY_CC2 323757	22.28 0.90 0.00	20.20 0.83 0.00	18.71 0.67 0.00	19.24 0.60 0.00	20.37 0.40 0.00	21.27 0.42 0.00	22.68 0.62 0.00	23.25 0.70 0.00	22.34 0.59 0.00	22.88 0.62 0.00	22.92 0.67 0.00	22.44 0.61 0.00	22.02 0.64 0.00	21.96 0.70 0.00	22.00 0.70 0.00	24.05 0.86 0.00	30.38 1.17 0.00	32.26 1.51 0.00	35.79 1.80 0.00	35.01 1.63 0.00	28.09 1.08 0.00	23.81 0.92 0.00	22.75 1.02 0.00
CRICKET__VALLEY_CC3 323758	22.28 0.90 0.00	20.20 0.83 0.00	18.71 0.67 0.00	19.24 0.60 0.00	20.37 0.40 0.00	21.27 0.42 0.00	22.68 0.62 0.00	23.25 0.70 0.00	22.34 0.59 0.00	22.88 0.62 0.00	22.92 0.67 0.00	22.44 0.61 0.00	22.02 0.64 0.00	21.96 0.70 0.00	22.00 0.70 0.00	24.05 0.86 0.00	30.38 1.17 0.00	32.26 1.51 0.00	35.79 1.80 0.00	35.01 1.63 0.00	28.09 1.08 0.00	23.81 0.92 0.00	22.75 1.02 0.00
CRUCIBLE__METL_DRP 24180	21.49 0.11 0.00	19.47 0.10 0.00	18.13 0.09 0.00	18.70 0.06 0.00	19.93 -0.04 0.00	20.71 -0.15 0.00	21.86 -0.20 0.00	22.33 -0.23 0.00	21.58 -0.17 0.00	22.10 -0.16 0.00	22.12 -0.13 0.00	21.70 -0.13 0.00	21.25 -0.13 0.00	21.13 -0.13 0.00	21.15 -0.15 0.00	22.98 -0.21 0.00	28.89 -0.32 -0.01	30.57 -0.18 0.00	33.83 -0.17 -0.01	33.14 -0.23 -0.01	26.91 -0.32 -0.22	22.69 -0.21 0.00	21.67 -0.07 0.00
DAHOWA__HYDRO 323763	22.37 0.98 0.00	20.20 0.83 0.00	18.74 0.70 0.00	19.35 0.71 0.00	20.57 0.60 0.00	21.46 0.61 0.00	22.84 0.77 0.00	23.36 0.81 0.00	22.54 0.78 0.00	23.06 0.80 0.00	23.05 0.80 0.00	22.55 0.72 0.00	22.10 0.73 0.00	22.02 0.76 0.00	22.07 0.77 0.00	24.14 0.95 0.00	30.49 1.28 0.00	32.35 1.60 0.00	36.00 2.00 0.00	35.17 1.80 0.00	28.23 1.22 0.00	23.88 0.98 0.00	22.75 1.02 0.00
DANC__LFGE 323619	21.00 -0.38 0.00	19.00 -0.37 0.00	17.71 -0.32 0.00	18.34 -0.30 0.00	19.59 -0.38 0.00	20.38 -0.48 0.00	21.42 -0.64 0.00	21.83 -0.72 0.00	21.06 -0.70 0.00	21.55 -0.71 0.00	21.50 -0.76 0.00	21.09 -0.74 0.00	20.61 -0.77 0.00	20.47 -0.79 0.00	20.56 -0.75 0.00	22.40 -0.79 0.00	28.36 -0.85 0.00	30.91 -0.59 -0.74	34.53 -0.48 -1.02	32.90 -0.47 0.00	27.14 -0.54 -0.66	22.68 -0.46 -0.25	22.09 -0.35 -0.71
DANSKAMMER__1 23586	22.56 1.18 0.00	20.42 1.05 0.00	18.87 0.83 0.00	19.40 0.76 0.00	20.59 0.62 0.00	21.48 0.63 0.00	22.95 0.88 0.00	23.48 0.93 0.00	22.56 0.81 0.00	23.08 0.82 0.00	23.12 0.87 0.00	22.66 0.83 0.00	22.21 0.83 0.00	22.13 0.87 0.00	22.20 0.89 0.00	24.26 1.07 0.00	30.70 1.49 0.00	32.69 1.94 0.00	36.27 2.28 0.00	35.54 2.17 0.00	28.44 1.43 0.00	24.11 1.21 0.00	23.06 1.33 0.00
DANSKAMMER__2 23589	22.56 1.18 0.00	20.42 1.05 0.00	18.87 0.83 0.00	19.40 0.76 0.00	20.59 0.62 0.00	21.48 0.63 0.00	22.95 0.88 0.00	23.48 0.93 0.00	22.56 0.81 0.00	23.08 0.82 0.00	23.12 0.87 0.00	22.66 0.83 0.00	22.21 0.83 0.00	22.13 0.87 0.00	22.20 0.89 0.00	24.26 1.07 0.00	30.70 1.49 0.00	32.69 1.94 0.00	36.27 2.28 0.00	35.54 2.17 0.00	28.44 1.43 0.00	24.11 1.21 0.00	23.06 1.33 0.00
DANSKAMMER__3 23590	22.56 1.18 0.00	20.42 1.05 0.00	18.87 0.83 0.00	19.40 0.76 0.00	20.59 0.62 0.00	21.48 0.63 0.00	22.95 0.88 0.00	23.48 0.93 0.00	22.56 0.81 0.00	23.08 0.82 0.00	23.12 0.87 0.00	22.66 0.83 0.00	22.21 0.83 0.00	22.13 0.87 0.00	22.20 0.89 0.00	24.26 1.07 0.00	30.70 1.49 0.00	32.69 1.94 0.00	36.27 2.28 0.00	35.54 2.17 0.00	28.44 1.43 0.00	24.11 1.21 0.00	23.06 1.33 0.00

DANSKAMMER___4 23591	22.56 1.18 0.00	20.42 1.05 0.00	18.87 0.83 0.00	19.40 0.76 0.00	20.59 0.62 0.00	21.48 0.63 0.00	22.95 0.88 0.00	23.48 0.93 0.00	22.56 0.81 0.00	23.08 0.82 0.00	23.12 0.87 0.00	22.66 0.83 0.00	22.21 0.83 0.00	22.13 0.87 0.00	22.20 0.89 0.00	24.26 1.07 0.00	30.70 1.49 0.00	32.69 1.94 0.00	36.27 2.28 0.00	35.54 2.17 0.00	28.44 1.43 0.00	24.11 1.21 0.00	23.06 1.33 0.00
DANSKAMMER___DIESEL 23592	22.56 1.18 0.00	20.42 1.05 0.00	18.89 0.85 0.00	19.46 0.82 0.00	20.63 0.66 0.00	21.57 0.71 0.00	22.97 0.90 0.00	23.48 0.92 0.00	22.58 0.83 0.00	23.11 0.85 0.00	23.10 0.85 0.00	22.66 0.83 0.00	22.21 0.83 0.00	22.08 0.83 0.00	22.20 0.89 0.00	24.26 1.07 0.00	30.73 1.52 0.00	32.72 1.97 0.00	36.30 2.31 0.00	35.57 2.20 0.00	28.44 1.43 0.00	24.18 1.28 0.00	23.12 1.39 0.00
DARBY___SOLAR 323810	22.37 0.98 0.00	20.20 0.83 0.00	18.76 0.72 0.00	19.35 0.71 0.00	20.57 0.60 0.00	21.46 0.61 0.00	22.84 0.77 0.00	23.36 0.81 0.00	22.54 0.78 0.00	23.06 0.80 0.00	23.05 0.80 0.00	22.58 0.74 0.00	22.10 0.73 0.00	22.02 0.76 0.00	22.07 0.77 0.00	24.14 0.95 0.00	30.49 1.28 0.00	32.32 1.57 0.00	35.93 1.94 0.00	35.14 1.77 0.00	28.23 1.22 0.00	23.86 0.96 0.00	22.75 1.02 0.00
DASHVILLE___HYD 23610	22.22 0.83 0.00	20.11 0.74 0.00	18.58 0.54 0.00	19.14 0.50 0.00	20.29 0.32 0.00	21.21 0.35 0.00	22.57 0.51 0.00	23.07 0.52 0.00	22.17 0.41 0.00	22.66 0.40 0.00	22.66 0.40 0.00	22.25 0.41 0.00	21.80 0.43 0.00	21.68 0.43 0.00	21.79 0.49 0.00	23.81 0.63 0.00	30.17 0.96 0.00	32.17 1.41 0.00	35.69 1.70 0.00	35.01 1.64 0.00	28.01 1.00 0.00	23.79 0.89 0.00	22.77 1.04 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	23.05 1.67 0.00	20.82 1.45 0.00	19.25 1.21 0.00	19.78 1.14 0.00	21.23 1.26 0.00	22.46 1.61 0.00	25.76 1.92 -1.78	24.36 1.80 0.00	23.17 1.41 0.00	23.51 1.25 0.00	23.46 1.20 0.00	22.88 1.05 0.00	22.42 1.05 0.00	22.36 1.11 0.00	22.54 1.24 0.00	24.70 1.51 0.00	31.43 2.22 0.00	33.83 3.08 0.00	37.80 3.53 -0.28	36.51 3.14 0.00	32.50 2.30 -3.20	30.27 2.04 -5.33	23.82 2.09 0.00
DELAWARE___LFGE 323621	22.11 0.73 0.00	20.03 0.66 0.00	18.60 0.56 0.00	19.18 0.54 0.00	20.43 0.46 0.00	21.32 0.46 0.00	22.66 0.60 0.00	23.16 0.61 0.00	22.37 0.61 0.00	22.93 0.67 0.00	22.92 0.67 0.00	22.51 0.68 0.00	22.02 0.64 0.00	21.89 0.64 0.00	21.94 0.64 0.00	23.88 0.70 0.00	30.14 0.93 0.00	31.95 1.20 0.00	35.38 1.39 0.00	34.64 1.27 0.00	27.81 0.81 0.02	23.67 0.78 0.00	22.60 0.87 0.00
DERFIELD_115KV_TB7 355931	21.56 0.17 0.00	19.53 0.15 0.00	18.17 0.13 0.00	18.75 0.11 0.00	20.05 0.08 0.00	20.92 0.06 0.00	22.15 0.09 0.00	22.64 0.09 0.00	21.82 0.07 0.00	22.35 0.09 0.00	22.32 0.07 0.00	21.92 0.09 0.00	21.46 0.09 0.00	21.34 0.09 0.00	21.39 0.09 0.00	23.30 0.12 0.00	29.38 0.18 0.00	31.03 0.28 0.00	34.33 0.34 0.00	33.71 0.33 0.00	27.20 0.19 0.00	23.05 0.16 0.00	21.93 0.20 0.00
DOGLEVILLE___HYD 23807	21.41 0.02 0.00	19.43 0.06 0.00	18.13 0.09 0.00	18.83 0.19 0.00	20.21 0.24 0.00	21.13 0.27 0.00	22.35 0.29 0.00	22.78 0.23 0.00	21.91 0.15 0.00	22.39 0.13 0.00	22.32 0.07 0.00	21.86 0.02 0.00	21.37 0.00 0.00	21.26 0.00 0.00	21.28 -0.02 0.00	23.17 -0.02 0.00	29.24 0.03 0.00	30.91 0.15 0.00	34.23 0.24 0.00	33.57 0.20 0.00	27.12 0.11 0.00	22.96 0.07 0.00	21.84 0.11 0.00
DUNKIRK___115KV_TB_200 55889	20.55 -0.83 0.00	18.54 -0.83 0.00	17.21 -0.83 0.00	17.48 -1.16 0.00	18.51 -1.46 0.00	19.10 -1.75 0.00	20.36 -1.70 0.00	20.57 -1.98 0.00	19.99 -1.76 0.00	20.50 -1.76 0.00	20.59 -1.67 0.00	20.26 -1.57 0.00	19.62 -1.75 0.00	19.51 -1.74 0.00	19.41 -1.90 0.00	20.73 -2.46 0.00	25.69 -3.50 0.01	27.52 -3.23 0.01	30.34 -3.64 0.01	29.42 -3.94 0.01	22.58 -3.62 0.81	20.60 -2.29 0.01	20.10 -1.63 0.00
DUNKIRK___1 23563	20.55 -0.83 0.00	18.54 -0.83 0.00	17.21 -0.83 0.00	17.48 -1.16 0.00	18.51 -1.46 0.00	19.10 -1.75 0.00	20.36 -1.70 0.00	20.57 -1.98 0.00	19.99 -1.76 0.00	20.50 -1.76 0.00	20.59 -1.67 0.00	20.26 -1.57 0.00	19.62 -1.75 0.00	19.51 -1.74 0.00	19.41 -1.90 0.00	20.73 -2.46 0.00	25.69 -3.50 0.01	27.52 -3.23 0.01	30.34 -3.64 0.01	29.42 -3.94 0.01	22.58 -3.62 0.81	20.60 -2.29 0.01	20.10 -1.63 0.00
DUNKIRK___2 23564	20.55 -0.83 0.00	18.54 -0.83 0.00	17.21 -0.83 0.00	17.48 -1.16 0.00	18.51 -1.46 0.00	19.10 -1.75 0.00	20.36 -1.70 0.00	20.57 -1.98 0.00	19.99 -1.76 0.00	20.50 -1.76 0.00	20.59 -1.67 0.00	20.26 -1.57 0.00	19.62 -1.75 0.00	19.51 -1.74 0.00	19.41 -1.90 0.00	20.73 -2.46 0.00	25.69 -3.50 0.01	27.52 -3.23 0.01	30.34 -3.64 0.01	29.42 -3.94 0.01	22.58 -3.62 0.81	20.60 -2.29 0.01	20.10 -1.63 0.00
DUNKIRK___3 23565	20.47 -0.92 0.00	18.46 -0.91 0.00	17.16 -0.88 0.00	17.47 -1.17 0.00	18.49 -1.48 0.00	19.10 -1.75 0.00	20.34 -1.72 0.00	20.57 -1.98 0.00	19.99 -1.76 0.00	20.52 -1.74 0.00	20.61 -1.65 0.00	20.28 -1.55 0.00	19.64 -1.73 0.00	19.56 -1.70 0.00	19.45 -1.85 0.00	20.80 -2.39 0.00	25.78 -3.42 0.01	27.61 -3.14 0.01	30.41 -3.57 0.01	29.49 -3.87 0.01	22.61 -3.57 0.83	20.62 -2.27 0.01	20.12 -1.61 0.00
DUNKIRK___4 23566	20.47 -0.92 0.00	18.46 -0.91 0.00	17.16 -0.88 0.00	17.47 -1.17 0.00	18.49 -1.48 0.00	19.10 -1.75 0.00	20.34 -1.72 0.00	20.57 -1.98 0.00	19.99 -1.76 0.00	20.52 -1.74 0.00	20.61 -1.65 0.00	20.28 -1.55 0.00	19.64 -1.73 0.00	19.56 -1.70 0.00	19.45 -1.85 0.00	20.80 -2.39 0.00	25.78 -3.42 0.01	27.61 -3.14 0.01	30.41 -3.57 0.01	29.49 -3.87 0.01	22.61 -3.57 0.83	20.62 -2.27 0.01	20.12 -1.61 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	22.54 1.15 0.00	20.40 1.03 0.00	18.83 0.79 0.00	19.40 0.76 0.00	20.57 0.60 0.00	21.52 0.67 0.00	22.97 0.90 0.00	23.48 0.92 0.00	22.58 0.83 0.00	23.11 0.85 0.00	23.12 0.87 0.00	22.71 0.87 0.00	22.27 0.90 0.00	22.13 0.87 0.00	22.26 0.96 0.00	24.30 1.11 0.00	30.75 1.55 0.00	32.75 2.00 0.00	36.34 2.35 0.00	35.57 2.20 0.00	28.47 1.46 0.00	24.22 1.33 0.00	23.21 1.48 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	22.41 1.03 0.00	20.28 0.91 0.00	18.74 0.70 0.00	19.33 0.69 0.00	20.49 0.52 0.00	21.42 0.56 0.00	22.81 0.75 0.00	23.32 0.77 0.00	22.45 0.70 0.00	22.95 0.69 0.00	22.94 0.69 0.00	22.53 0.70 0.00	22.08 0.71 0.00	21.94 0.68 0.00	22.05 0.75 0.00	24.09 0.90 0.00	30.49 1.29 0.00	32.48 1.72 0.00	36.03 2.04 0.00	35.31 1.94 0.00	28.25 1.24 0.00	24.02 1.12 0.00	22.99 1.26 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	22.73 1.35 0.00	20.55 1.18 0.00	18.96 0.92 0.00	19.52 0.88 0.00	20.59 0.62 0.00	21.44 0.58 0.00	22.84 0.77 0.00	23.30 0.74 0.00	22.39 0.63 0.00	22.91 0.65 0.00	22.94 0.69 0.00	22.53 0.70 0.00	22.12 0.75 0.00	22.00 0.74 0.00	22.11 0.81 0.00	24.12 0.93 0.00	30.58 1.37 0.00	32.60 1.85 0.00	36.13 2.14 0.00	35.37 2.00 0.00	28.28 1.27 0.00	24.15 1.26 0.00	23.36 1.63 0.00
E179THST_13_KV_LOAD 356214	22.82 1.43 0.00	20.63 1.26 0.00	19.01 0.97 0.00	19.57 0.93 0.00	20.67 0.70 0.00	21.50 0.65 0.00	22.92 0.86 0.00	23.39 0.83 0.00	22.47 0.72 0.00	22.99 0.73 0.00	23.03 0.78 0.00	22.62 0.79 0.00	22.21 0.83 0.00	22.08 0.83 0.00	22.20 0.89 0.00	24.21 1.02 0.00	30.70 1.49 0.00	32.75 2.00 0.00	36.30 2.31 0.00	35.54 2.17 0.00	28.39 1.38 0.00	24.25 1.35 0.00	23.45 1.72 0.00
EAST HAMPTON___GT 23717	23.18 1.80 0.00	20.94 1.57 0.00	19.23 1.19 0.00	19.74 1.10 0.00	21.21 1.24 0.00	22.48 1.63 0.00	25.94 2.10 -1.78	24.54 1.99 0.00	23.19 1.44 0.00	23.66 1.40 0.00	23.63 1.38 0.00	23.01 1.18 0.00	22.53 1.15 0.00	22.51 1.25 0.00	22.62 1.32 0.00	24.81 1.62 0.00	31.51 2.31 0.00	34.05 3.29 0.00	38.07 3.81 -0.28	36.68 3.30 0.00	32.69 2.48 -3.20	30.38 2.15 -5.33	23.90 2.17 0.00
EAST RIVER___6 23660	22.45 1.07 0.00	20.30 0.93 0.00	18.74 0.70 0.00	19.27 0.63 0.00	20.39 0.42 0.00	21.32 0.46 0.00	22.84 0.77 0.00	23.36 0.81 0.00	22.43 0.68 0.00	22.97 0.71 0.00	23.08 0.82 0.00	22.62 0.78 0.00	22.21 0.83 0.00	22.15 0.89 0.00	22.20 0.89 0.00	24.21 1.02 0.00	30.64 1.43 0.00	32.66 1.91 0.00	36.20 2.21 0.00	35.41 2.04 0.00	28.33 1.32 0.00	24.08 1.19 0.00	23.10 1.37 0.00
EAST RIVER___7 23524	22.45 1.07 0.00	20.30 0.93 0.00	18.74 0.70 0.00	19.27 0.63 0.00	20.39 0.42 0.00	21.32 0.46 0.00	22.84 0.77 0.00	23.36 0.81 0.00	22.43 0.68 0.00	22.97 0.71 0.00	23.08 0.82 0.00	22.62 0.78 0.00	22.21 0.83 0.00	22.15 0.89 0.00	22.20 0.89 0.00	24.21 1.02 0.00	30.64 1.43 0.00	32.66 1.91 0.00	36.20 2.21 0.00	35.41 2.04 0.00	28.33 1.32 0.00	24.08 1.19 0.00	23.10 1.37 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	22.50 1.11 0.00	20.36 0.99 0.00	18.81 0.78 0.00	19.39 0.75 0.00	20.53 0.56 0.00	21.50 0.65 0.00	22.92 0.86 0.00	23.45 0.90 0.00	22.56 0.80 0.00	23.08 0.82 0.00	23.08 0.82 0.00	22.66 0.83 0.00	22.23 0.85 0.00	22.11 0.85 0.00	22.22 0.92 0.00	24.26 1.07 0.00	30.70 1.49 0.00	32.69 1.94 0.00	36.27 2.28 0.00	35.51 2.14 0.00	28.42 1.40 0.00	24.18 1.28 0.00	23.16 1.43 0.00
EAST_HAMPTON___DIESEL 23722	23.18 1.80 0.00	20.94 1.57 0.00	19.23 1.19 0.00	19.74 1.10 0.00	21.19 1.22 0.00	22.46 1.61 0.00	25.92 2.07 -1.78	24.54 1.99 0.00	23.19 1.44 0.00	23.66 1.40 0.00	23.63 1.38 0.00	22.99 1.16 0.00	22.53 1.15 0.00	22.51 1.25 0.00	22.62 1.32 0.00	24.81 1.62 0.00	31.49 2.28 0.00	34.01 3.26 0.00	38.04 3.77 -0.28	36.68 3.30 0.00	32.69 2.48 -3.20	30.36 2.13 -5.33	23.88 2.15 0.00
EAST_PULASKI___ESR 323781	21.13 -0.26 0.00	19.14 -0.23 0.00	17.82 -0.22 0.00	18.44 -0.20 0.00	19.65 -0.32 0.00	20.46 -0.40 0.00	21.49 -0.57 0.00	21.92 -0.63 0.00	21.21 -0.54 0.00	21.68 -0.58 0.00	21.63 -0.62 0.00	21.24 -0.59 0.00	20.78 -0.60 0.00	20.62 -0.64 0.00	20.71 -0.60 0.00	22.52 -0.67 0.00	28.45 -0.76 0.00	30.17 -0.59 0.00	33.44 -0.55 0.00	32.80 -0.57 0.00	26.39 -0.62 0.00	22.41 -0.48 0.00	21.40 -0.33 0.00
EAST_RIVER___1 323558	22.52 1.13 0.00	20.36 0.99 0.00	18.80 0.76 0.00	19.33 0.69 0.00	20.45 0.48 0.00	21.36 0.50 0.00	22.90 0.84 0.00	23.41 0.86 0.00	22.47 0.72 0.00	23.04 0.78 0.00	23.10 0.85 0.00	22.66 0.83 0.00	22.23 0.86 0.00	22.19 0.93 0.00	22.22 0.92 0.00	24.26 1.07 0.00	30.67 1.46 0.00	32.72 1.97 0.00	36.27 2.28 0.00	35.44 2.07 0.00	28.39 1.38 0.00	24.13 1.24 0.00	23.14 1.41 0.00
EAST_RIVER___2 323559	22.45 1.07 0.00	20.30 0.93 0.00	18.74 0.70 0.00	19.27 0.63 0.00	20.39 0.42 0.00	21.32 0.46 0.00	22.84 0.77 0.00	23.36 0.81 0.00	22.43 0.68 0.00	22.97 0.71 0.00	23.08 0.82 0.00	22.62 0.78 0.00	22.21 0.83 0.00	22.15 0.89 0.00	22.20 0.89 0.00	24.21 1.02 0.00	30.64 1.43 0.00	32.66 1.91 0.00	36.20 2.21 0.00	35.41 2.04 0.00	28.33 1.32 0.00	24.08 1.19 0.00	23.10 1.37 0.00
EAST___DELAWARE_HYD 23607	22.67 1.28 0.00	20.49 1.12 0.00	18.94 0.90 0.00	19.50 0.86 0.00	20.69 0.72 0.00	21.59 0.73 0.00	23.03 0.97 0.00	23.52 0.97 0.00	22.58 0.83 0.00	23.11 0.85 0.00	23.12 0.87 0.00	22.66 0.83 0.00	22.19 0.81 0.00	22.11 0.85 0.00	22.15 0.85 0.00	24.23 1.04 0.00	30.67 1.46 0.00	32.78 2.03 0.00	36.37 2.38 0.00	35.67 2.30 0.00	28.52 1.51 0.00	24.20 1.30 0.00	23.12 1.39 0.00
EIGHT_POINT___WT_PWR 323820	22.11 0.73 0.00	19.99 0.62 0.00	18.49 0.45 0.00	19.01 0.37 0.00	20.09 0.12 0.00	20.65 -0.21 0.00	21.73 -0.33 0.00	22.06 -0.50 0.00	21.34 -0.41 0.00	21.77 -0.49 0.00	21.72 -0.53 0.00	21.35 -0.48 0.00	20.84 -0.53 0.00	20.66 -0.60 0.00	20.75 -0.55 0.00	22.52 -0.67 0.00	28.38 -0.85 -0.02	30.33 -0.43 -0.01	33.50 -0.51 -0.02	32.76 -0.64 -0.02	26.82 -0.92 -0.73	22.40 -0.50 -0.01	21.45 -0.28 0.00
ELBRIDGE_115KV_TB2 80188	21.39 0.00 0.00	19.39 0.02 0.00	18.02 -0.02 0.00	18.58 -0.06 0.00	19.81 -0.16 0.00	20.61 -0.25 0.00	21.75 -0.31 0.00	22.19 -0.36 0.00	21.45 -0.30 0.00	21.97 -0.29 0.00	21.99 -0.27 0.00	21.57 -0.26 0.00	21.10 -0.28 0.00	21.00 -0.26 0.00	21.02 -0.28 0.00	22.82 -0.37 0.00	28.72 -0.50 -0.01	30.42 -0.34 0.00	33.66 -0.34 -0.01	32.95 -0.43 -0.01	26.86 -0.46 -0.31	22.55 -0.34 0.00	21.56 -0.17 0.00
ELEC_TRO_TEK 24086	22.80 1.41 0.00	20.59 1.22 0.00	19.00 0.96 0.00	19.55 0.91 0.00	20.77 0.80 0.00	21.80 0.94 0.00	25.06 1.21 -1.78	23.82 1.26 0.00	22.87 1.11 0.00	23.35 1.09 0.00	23.34 1.09 0.00	22.86 1.03 0.00	22.44 1.07 0.00	22.32 1.06 0.00	22.45 1.15 0.00	24.56 1.37 0.00	31.10 1.90 0.00	33.21 2.46 0.00	37.09 2.82 -0.27	35.98 2.60 0.00	32.04 1.84 -3.20	29.90 1.67 -5.33	23.53 1.80 0.00
ELLENBURG_WT_PWR 323604	19.90 -1.48 0.01	17.97 -1.39 0.01	17.26 -0.78 0.00	17.56 -1.08 0.00	19.29 -0.68 0.00	20.65 -0.21 0.00	21.73 -0.33 0.00	22.26 -0.29 0.00	21.52 -0.24 0.00	22.11 -0.15 0.00	22.05 -0.20 0.00	21.46 -0.37 0.00	20.99 -0.38 0.00	20.77 -0.49 0.00	20.62 -0.68 0.00	22.22 -0.97 0.00	27.75 -1.46 0.00	0.38 -2.03 28.34	-6.98 -2.18 38.79	31.20 -2.17 0.00	0.21 -1.51 25.29	12.22 -1.35 9.32	-7.01 -1.56 27.17

ELM_ST_23_KV_LD_REV_LBMP_A 345012	20.12 -1.26 0.00	18.15 -1.22 0.00	16.88 -1.15 0.00	17.22 -1.42 0.00	18.23 -1.74 0.00	18.85 -2.00 0.00	20.06 -2.01 0.00	20.25 -2.30 0.00	19.69 -2.07 0.00	20.21 -2.05 0.00	20.34 -1.91 0.00	20.04 -1.79 0.00	19.41 -1.97 0.00	19.36 -1.89 0.00	19.21 -2.09 0.00	20.52 -2.67 0.00	25.45 -3.74 0.02	27.21 -3.54 0.01	30.00 -3.98 0.02	29.15 -4.20 0.02	22.31 -3.78 0.92	20.28 -2.61 0.01	19.84 -1.89 0.00
EMPIRE_CC_1 323656	22.03 0.64 0.00	19.97 0.60 0.00	18.53 0.49 0.00	19.09 0.45 0.00	20.23 0.26 0.00	21.07 0.21 0.00	22.35 0.29 0.00	22.91 0.36 0.00	22.04 0.28 0.00	22.68 0.42 0.00	22.70 0.44 0.00	22.25 0.41 0.00	21.80 0.43 0.00	21.72 0.47 0.00	21.77 0.47 0.00	23.79 0.60 0.00	29.96 0.76 0.00	31.74 0.98 0.00	35.21 1.22 0.00	34.44 1.07 0.00	27.71 0.70 0.00	23.56 0.66 0.00	22.47 0.74 0.00
EMPIRE_CC_2 323658	22.03 0.64 0.00	19.97 0.60 0.00	18.53 0.49 0.00	19.09 0.45 0.00	20.23 0.26 0.00	21.07 0.21 0.00	22.35 0.29 0.00	22.91 0.36 0.00	22.04 0.28 0.00	22.68 0.42 0.00	22.70 0.44 0.00	22.25 0.41 0.00	21.80 0.43 0.00	21.72 0.47 0.00	21.77 0.47 0.00	23.79 0.60 0.00	29.96 0.76 0.00	31.74 0.98 0.00	35.21 1.22 0.00	34.44 1.07 0.00	27.71 0.70 0.00	23.56 0.66 0.00	22.47 0.74 0.00
ENORWICH_115KV_TB1 80156	22.93 1.54 0.00	21.04 1.67 0.00	19.43 1.39 0.00	20.11 1.47 0.00	21.53 1.56 0.00	22.38 1.52 0.00	23.70 1.63 0.00	24.04 1.49 0.00	23.10 1.35 0.00	23.71 1.45 0.00	23.61 1.36 0.00	23.21 1.38 0.00	22.59 1.22 0.00	22.49 1.23 0.00	22.56 1.26 0.00	24.51 1.32 0.00	31.02 1.81 0.00	33.16 2.40 0.00	36.82 2.82 0.00	35.95 2.57 0.00	28.89 1.73 -0.15	24.50 1.60 0.00	23.38 1.65 0.00
ERIE_ST__34_KV_TB1-2 80199	20.62 -0.77 0.00	18.62 -0.76 0.00	17.28 -0.76 0.00	17.63 -1.01 0.00	18.67 -1.30 0.00	19.31 -1.54 0.00	20.58 -1.48 0.00	20.82 -1.74 0.00	20.25 -1.50 0.00	20.79 -1.47 0.00	20.90 -1.36 0.00	20.61 -1.22 0.00	19.96 -1.41 0.00	19.90 -1.36 0.00	19.77 -1.53 0.00	21.15 -2.04 0.00	26.18 -3.01 0.01	28.10 -2.64 0.01	30.88 -3.09 0.01	29.65 -3.70 0.01	22.63 -3.54 0.85	20.92 -1.97 0.01	20.40 -1.33 0.00
ERIE_WT_PWR 323693	20.30 -1.09 0.00	18.32 -1.05 0.00	17.01 -1.03 0.00	17.63 -1.01 0.00	18.57 -1.40 0.00	18.98 -1.88 0.00	20.03 -2.03 0.00	20.43 -2.12 0.00	20.10 -1.65 0.00	20.41 -1.85 0.00	20.32 -1.94 0.00	20.22 -1.62 0.00	19.56 -1.82 0.00	19.24 -2.02 0.00	19.38 -1.92 0.00	20.71 -2.48 0.00	25.74 -3.45 0.02	27.46 -3.29 0.01	30.13 -3.84 0.02	29.39 -3.97 0.02	22.54 -3.59 0.88	20.62 -2.27 0.01	20.06 -1.67 0.00
ESPRGFLD_115KV_TB1 80157	22.26 0.88 0.00	20.11 0.74 0.00	18.69 0.65 0.00	19.31 0.67 0.00	20.59 0.62 0.00	21.48 0.63 0.00	22.84 0.77 0.00	23.32 0.77 0.00	22.52 0.76 0.00	23.06 0.80 0.00	23.03 0.78 0.00	22.64 0.81 0.00	22.10 0.73 0.00	21.98 0.72 0.00	22.05 0.75 0.00	24.02 0.83 0.00	30.37 1.17 0.00	32.32 1.57 0.00	35.86 1.87 0.00	35.11 1.74 0.00	28.14 1.13 0.01	23.88 0.98 0.00	22.75 1.02 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	21.90 0.51 0.00	19.86 0.48 0.00	18.47 0.43 0.00	19.05 0.41 0.00	20.29 0.32 0.00	21.13 0.27 0.00	22.35 0.29 0.00	22.76 0.20 0.00	21.95 0.20 0.00	22.44 0.18 0.00	22.43 0.18 0.00	22.03 0.20 0.00	21.52 0.15 0.00	21.40 0.15 0.00	21.47 0.17 0.00	23.35 0.16 0.00	29.44 0.23 0.00	31.34 0.58 0.00	34.67 0.68 0.00	33.94 0.57 0.00	27.41 0.24 -0.15	23.19 0.30 0.00	22.19 0.46 0.00
ETNA____115KV_TB2 80207	21.90 0.51 0.00	19.86 0.48 0.00	18.47 0.43 0.00	19.05 0.41 0.00	20.29 0.32 0.00	21.13 0.27 0.00	22.35 0.29 0.00	22.76 0.20 0.00	21.95 0.20 0.00	22.44 0.18 0.00	22.43 0.18 0.00	22.03 0.20 0.00	21.52 0.15 0.00	21.40 0.15 0.00	21.47 0.17 0.00	23.35 0.16 0.00	29.44 0.23 0.00	31.34 0.58 0.00	34.67 0.68 0.00	33.94 0.57 0.00	27.41 0.24 -0.15	23.19 0.30 0.00	22.19 0.46 0.00
EUCLID____115KV_TB2 356179	21.24 -0.15 0.00	19.24 -0.14 0.00	17.91 -0.13 0.00	18.45 -0.19 0.00	19.67 -0.30 0.00	20.44 -0.42 0.00	21.56 -0.51 0.00	22.01 -0.54 0.00	21.28 -0.48 0.00	21.77 -0.49 0.00	21.79 -0.47 0.00	21.40 -0.44 0.00	20.95 -0.43 0.00	20.83 -0.43 0.00	20.85 -0.45 0.00	22.66 -0.53 0.00	28.48 -0.73 0.00	30.11 -0.65 0.00	33.31 -0.68 0.00	32.64 -0.73 0.00	26.34 -0.68 0.00	22.37 -0.53 0.00	21.38 -0.35 0.00
E_CANADA_CAP_HY 24051	22.26 0.88 0.00	20.07 0.70 0.00	18.63 0.59 0.00	19.25 0.61 0.00	20.53 0.56 0.00	21.42 0.56 0.00	22.77 0.71 0.00	23.18 0.63 0.00	22.36 0.61 0.00	22.88 0.62 0.00	22.86 0.60 0.00	22.40 0.57 0.00	21.89 0.51 0.00	21.79 0.53 0.00	21.85 0.55 0.00	23.88 0.70 0.00	30.29 1.08 0.00	32.26 1.51 0.00	35.86 1.87 0.00	35.11 1.73 0.00	28.14 1.13 0.01	23.79 0.89 0.00	22.64 0.91 0.00
E_CANADA_MHWK_HY 24050	21.41 0.02 0.00	19.43 0.06 0.00	18.13 0.09 0.00	18.83 0.19 0.00	20.21 0.24 0.00	21.13 0.27 0.00	22.35 0.29 0.00	22.78 0.23 0.00	21.91 0.15 0.00	22.39 0.13 0.00	22.32 0.07 0.00	21.86 0.02 0.00	21.37 0.00 0.00	21.26 0.00 0.00	21.28 -0.02 0.00	23.17 -0.02 0.00	29.24 0.03 0.00	30.91 0.15 0.00	34.23 0.24 0.00	33.57 0.20 0.00	27.12 0.11 0.00	22.96 0.07 0.00	21.84 0.11 0.00
E_FISHKILL___LBMP 23776	22.35 0.96 0.00	20.24 0.87 0.00	18.72 0.69 0.00	19.29 0.65 0.00	20.45 0.48 0.00	21.40 0.54 0.00	22.77 0.71 0.00	23.30 0.74 0.00	22.43 0.67 0.00	22.95 0.69 0.00	22.94 0.69 0.00	22.53 0.70 0.00	22.08 0.71 0.00	21.96 0.70 0.00	22.07 0.77 0.00	24.09 0.90 0.00	30.49 1.29 0.00	32.42 1.66 0.00	35.93 1.94 0.00	35.21 1.84 0.00	28.20 1.19 0.00	23.97 1.08 0.00	22.95 1.22 0.00
FALCON___SEABRD_CC1 323796	20.05 -1.33 0.01	18.12 -1.24 0.01	17.44 -0.59 0.00	17.71 -0.93 0.00	19.47 -0.50 0.00	20.79 -0.06 0.00	21.75 -0.31 0.00	22.33 -0.23 0.00	21.56 -0.20 0.00	22.15 -0.11 0.00	22.12 -0.13 0.00	21.53 -0.31 0.00	21.05 -0.32 0.00	20.81 -0.45 0.00	20.66 -0.64 0.00	22.26 -0.93 0.00	27.81 -1.40 0.00	0.15 -2.00 28.60	-7.09 -1.94 39.15	31.47 -1.90 0.00	0.19 -1.30 25.52	12.32 -1.17 9.41	-7.08 -1.39 27.42
FALCON___SEABRD_CC2 323797	20.05 -1.33 0.01	18.12 -1.24 0.01	17.44 -0.59 0.00	17.71 -0.93 0.00	19.47 -0.50 0.00	20.79 -0.06 0.00	21.75 -0.31 0.00	22.33 -0.23 0.00	21.56 -0.20 0.00	22.15 -0.11 0.00	22.12 -0.13 0.00	21.53 -0.31 0.00	21.05 -0.32 0.00	20.81 -0.45 0.00	20.66 -0.64 0.00	22.26 -0.93 0.00	27.81 -1.40 0.00	0.15 -2.00 28.60	-7.09 -1.94 39.15	31.47 -1.90 0.00	0.19 -1.30 25.52	12.32 -1.17 9.41	-7.08 -1.39 27.42

FAR ROCKAWAY___4 23548	23.05 1.67 0.00	20.80 1.43 0.00	19.19 1.15 0.00	19.76 1.12 0.00	20.99 1.02 0.00	22.02 1.17 0.00	25.30 1.46 -1.78	24.06 1.51 0.00	23.13 1.37 0.00	23.62 1.36 0.00	23.61 1.36 0.00	23.12 1.29 0.00	22.68 1.30 0.00	22.57 1.32 0.00	22.71 1.41 0.00	24.81 1.62 0.00	31.46 2.25 0.00	33.58 2.83 0.00	37.53 3.26 -0.27	36.41 3.04 0.00	32.42 2.21 -3.20	30.20 1.97 -5.33	23.82 2.09 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	22.54 1.15 0.00	20.40 1.03 0.00	18.83 0.79 0.00	19.39 0.75 0.00	20.53 0.56 0.00	21.48 0.63 0.00	22.92 0.86 0.00	23.45 0.90 0.00	22.54 0.78 0.00	23.06 0.80 0.00	23.10 0.85 0.00	22.68 0.85 0.00	22.27 0.90 0.00	22.13 0.87 0.00	22.26 0.96 0.00	24.28 1.09 0.00	30.75 1.55 0.00	32.82 2.06 0.00	36.34 2.35 0.00	35.57 2.20 0.00	28.44 1.43 0.00	24.25 1.35 0.00	23.27 1.54 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	22.54 1.15 0.00	20.38 1.01 0.00	18.83 0.79 0.00	19.39 0.75 0.00	20.53 0.56 0.00	21.48 0.63 0.00	22.92 0.86 0.00	23.45 0.90 0.00	22.54 0.78 0.00	23.06 0.80 0.00	23.08 0.82 0.00	22.68 0.85 0.00	22.27 0.90 0.00	22.13 0.87 0.00	22.24 0.94 0.00	24.28 1.09 0.00	30.75 1.55 0.00	32.78 2.03 0.00	36.34 2.35 0.00	35.57 2.20 0.00	28.44 1.43 0.00	24.25 1.35 0.00	23.27 1.54 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	22.52 1.13 0.00	20.38 1.01 0.00	18.81 0.78 0.00	19.39 0.75 0.00	20.51 0.54 0.00	21.46 0.60 0.00	22.90 0.84 0.00	23.43 0.88 0.00	22.52 0.76 0.00	23.04 0.78 0.00	23.06 0.80 0.00	22.66 0.83 0.00	22.25 0.88 0.00	22.11 0.85 0.00	22.24 0.94 0.00	24.26 1.07 0.00	30.73 1.52 0.00	32.75 2.00 0.00	36.30 2.31 0.00	35.54 2.17 0.00	28.42 1.40 0.00	24.22 1.33 0.00	23.25 1.52 0.00
FARRAGUT___LBMP 323566	22.50 1.11 0.00	20.36 0.99 0.00	18.80 0.76 0.00	19.37 0.73 0.00	20.51 0.54 0.00	21.44 0.58 0.00	22.90 0.84 0.00	23.41 0.86 0.00	22.52 0.76 0.00	23.02 0.76 0.00	23.06 0.80 0.00	22.66 0.83 0.00	22.23 0.85 0.00	22.11 0.85 0.00	22.22 0.92 0.00	24.26 1.07 0.00	30.70 1.49 0.00	32.75 2.00 0.00	36.27 2.28 0.00	35.51 2.14 0.00	28.39 1.38 0.00	24.20 1.30 0.00	23.23 1.50 0.00
FENNER___WINDPWR 24204	21.84 0.45 0.00	19.78 0.41 0.00	18.42 0.38 0.00	19.05 0.41 0.00	20.31 0.34 0.00	21.15 0.29 0.00	22.35 0.29 0.00	22.80 0.25 0.00	22.04 0.28 0.00	22.55 0.29 0.00	22.52 0.27 0.00	22.16 0.33 0.00	21.65 0.28 0.00	21.53 0.28 0.00	21.60 0.30 0.00	23.49 0.30 0.00	29.65 0.44 0.00	31.43 0.68 0.00	34.77 0.78 0.00	34.07 0.70 0.00	27.44 0.43 0.00	23.31 0.41 0.00	22.23 0.50 0.00
FIBERTEK___ENERGY 23856	21.49 0.11 0.00	19.47 0.10 0.00	18.13 0.09 0.00	18.70 0.06 0.00	19.93 -0.04 0.00	20.71 -0.15 0.00	21.86 -0.20 0.00	22.33 -0.23 0.00	21.58 -0.17 0.00	22.10 -0.16 0.00	22.12 -0.13 0.00	21.70 -0.13 0.00	21.25 -0.13 0.00	21.13 -0.13 0.00	21.15 -0.15 0.00	22.98 -0.21 0.00	28.89 -0.32 -0.01	30.57 -0.18 0.00	33.83 -0.17 -0.01	33.14 -0.23 -0.01	26.91 -0.32 -0.22	22.69 -0.21 0.00	21.67 -0.07 0.00
FITZPATRICK___ 23598	21.00 -0.38 0.00	19.02 -0.35 0.00	17.71 -0.32 0.00	18.30 -0.33 0.00	19.51 -0.46 0.00	20.31 -0.54 0.00	21.34 -0.73 0.00	21.76 -0.79 0.00	21.06 -0.70 0.00	21.53 -0.73 0.00	21.52 -0.73 0.00	21.16 -0.68 0.00	20.69 -0.68 0.00	20.55 -0.70 0.00	20.62 -0.68 0.00	22.38 -0.81 0.00	28.18 -1.02 0.00	29.77 -0.99 0.00	32.94 -1.05 0.00	32.30 -1.07 0.00	26.07 -0.95 -0.01	22.14 -0.75 0.00	21.17 -0.57 0.00
FLOWRFLD_69_KV_BK1 356044	22.97 1.58 0.00	20.75 1.38 0.00	19.16 1.12 0.00	19.70 1.06 0.00	21.01 1.04 0.00	22.13 1.27 0.00	25.41 1.57 -1.78	24.09 1.53 0.00	23.04 1.28 0.00	23.46 1.20 0.00	23.43 1.18 0.00	22.92 1.09 0.00	22.51 1.13 0.00	22.42 1.17 0.00	22.58 1.28 0.00	24.74 1.55 0.00	31.40 2.19 0.00	33.65 2.89 0.00	37.56 3.30 -0.28	36.34 2.97 0.00	32.34 2.13 -3.20	30.13 1.90 -5.33	23.75 2.02 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	22.60 1.22 0.00	20.46 1.08 0.00	18.90 0.87 0.00	19.48 0.84 0.00	20.65 0.68 0.00	21.59 0.73 0.00	22.99 0.93 0.00	23.52 0.97 0.00	22.63 0.87 0.00	23.13 0.87 0.00	23.12 0.87 0.00	22.71 0.87 0.00	22.25 0.88 0.00	22.11 0.85 0.00	22.22 0.92 0.00	24.30 1.11 0.00	30.78 1.58 0.00	32.78 2.03 0.00	36.37 2.38 0.00	35.64 2.27 0.00	28.50 1.49 0.00	24.20 1.30 0.00	23.16 1.43 0.00
FORT ORANGE___ 23900	22.30 0.92 0.00	20.20 0.83 0.00	18.74 0.70 0.00	19.31 0.67 0.00	20.51 0.54 0.00	21.40 0.54 0.00	22.72 0.66 0.00	23.23 0.68 0.00	22.36 0.61 0.00	22.91 0.65 0.00	22.92 0.67 0.00	22.44 0.61 0.00	22.02 0.64 0.00	21.92 0.66 0.00	21.96 0.66 0.00	24.02 0.83 0.00	30.34 1.14 0.00	32.17 1.42 0.00	35.72 1.73 0.00	34.97 1.60 0.00	28.09 1.08 0.00	23.81 0.92 0.00	22.71 0.98 0.00
FORT_DRUM_COGEN 23780	20.91 -0.47 0.00	18.90 -0.46 0.00	17.66 -0.38 0.00	18.29 -0.35 0.00	19.59 -0.38 0.00	20.36 -0.50 0.00	21.45 -0.62 0.00	21.83 -0.72 0.00	21.02 -0.74 0.00	21.53 -0.73 0.00	21.45 -0.80 0.00	21.00 -0.83 0.00	20.52 -0.85 0.00	20.41 -0.85 0.00	20.47 -0.83 0.00	22.38 -0.81 0.00	28.42 -0.79 0.00	31.47 -0.49 -1.21	35.40 -0.24 -1.65	33.11 -0.27 0.00	27.77 -0.32 -1.08	22.97 -0.32 -0.40	22.54 -0.35 -1.16
FOX_HILLS___ESR 323835	22.76 1.37 -0.01	20.62 1.24 -0.01	19.00 0.96 0.00	19.55 0.91 0.00	20.59 0.62 0.00	21.48 0.63 0.00	22.92 0.86 0.00	23.43 0.88 0.00	22.52 0.76 0.00	23.06 0.80 0.00	23.08 0.82 0.00	22.68 0.85 0.00	22.27 0.90 0.00	22.15 0.89 0.00	22.28 0.98 0.00	24.30 1.11 0.00	30.87 1.66 0.00	32.92 2.15 -0.01	36.48 2.48 -0.01	35.72 2.34 -0.01	28.47 1.46 0.00	24.27 1.37 0.00	23.45 1.72 -0.01
FPL_FAR_ROCK_GT1 24212	23.05 1.67 0.00	20.80 1.43 0.00	19.16 1.12 0.00	19.68 1.04 0.00	20.91 0.94 0.00	21.92 1.06 0.00	25.30 1.46 -1.78	24.06 1.51 0.00	23.06 1.31 0.00	23.62 1.36 0.00	23.66 1.40 0.00	23.12 1.29 0.00	22.68 1.30 0.00	22.64 1.38 0.00	22.71 1.41 0.00	24.81 1.62 0.00	31.37 2.16 0.00	33.55 2.80 0.00	37.50 3.23 -0.27	36.34 2.97 0.00	32.39 2.19 -3.20	30.13 1.90 -5.33	23.73 2.00 0.00
FPL_FAR_ROCK_GT2 23815	23.05 1.67 0.00	20.80 1.43 0.00	19.16 1.12 0.00	19.68 1.04 0.00	20.91 0.94 0.00	21.92 1.06 0.00	25.30 1.46 -1.78	24.06 1.51 0.00	23.06 1.31 0.00	23.62 1.36 0.00	23.66 1.40 0.00	23.12 1.29 0.00	22.68 1.30 0.00	22.64 1.38 0.00	22.71 1.41 0.00	24.81 1.62 0.00	31.37 2.16 0.00	33.55 2.80 0.00	37.50 3.23 -0.27	36.34 2.97 0.00	32.39 2.19 -3.20	30.13 1.90 -5.33	23.73 2.00 0.00

FRANKLIN_FALL_HYD 24054	20.05 -1.33 0.01	18.12 -1.24 0.01	17.34 -0.70 0.00	17.71 -0.93 0.00	19.41 -0.56 0.00	20.67 -0.19 0.00	21.78 -0.29 0.00	22.33 -0.23 0.00	21.58 -0.17 0.00	22.13 -0.13 0.00	22.10 -0.16 0.00	21.53 -0.31 0.00	21.08 -0.30 0.00	20.87 -0.38 0.00	20.75 -0.55 0.00	22.42 -0.77 0.00	28.04 -1.17 0.00	48.67 -1.69 -19.61	58.85 -1.94 -26.80	31.54 -1.84 0.00	43.29 -1.22 -17.50	28.22 -1.12 -6.45	39.13 -1.39 -18.79
FREEPORT_EQUS_GT1 23764	22.95 1.56 0.00	20.71 1.34 0.00	19.07 1.03 0.00	19.59 0.95 0.00	20.83 0.86 0.00	21.84 0.98 0.00	25.21 1.37 -1.78	23.97 1.42 0.00	22.95 1.20 0.00	23.51 1.25 0.00	23.52 1.27 0.00	22.99 1.16 0.00	22.57 1.20 0.00	22.53 1.28 0.00	22.60 1.30 0.00	24.72 1.53 0.00	31.25 2.04 0.00	33.46 2.71 0.00	37.39 3.13 -0.27	36.21 2.84 0.00	32.29 2.08 -3.20	30.04 1.81 -5.33	23.62 1.89 0.00
FREEPORT___CT2 23818	22.95 1.56 0.00	20.71 1.34 0.00	19.07 1.03 0.00	19.59 0.95 0.00	20.83 0.86 0.00	21.84 0.98 0.00	25.21 1.37 -1.78	23.97 1.42 0.00	22.95 1.20 0.00	23.51 1.25 0.00	23.52 1.27 0.00	22.99 1.16 0.00	22.57 1.20 0.00	22.53 1.28 0.00	22.60 1.30 0.00	24.72 1.53 0.00	31.25 2.04 0.00	33.46 2.71 0.00	37.39 3.13 -0.27	36.21 2.84 0.00	32.29 2.08 -3.20	30.04 1.81 -5.33	23.62 1.89 0.00
FRESHKLS_33_KV_LOAD 356253	22.74 1.35 -0.01	20.60 1.22 -0.01	18.98 0.94 0.00	19.53 0.89 0.00	20.49 0.52 0.00	21.36 0.50 0.00	22.79 0.73 0.00	23.32 0.77 0.00	22.41 0.65 0.00	22.93 0.67 0.00	22.97 0.71 0.00	22.58 0.74 0.00	22.17 0.79 0.00	22.04 0.79 0.00	22.15 0.85 0.00	24.19 1.00 0.00	30.75 1.55 0.00	32.80 2.06 0.01	36.33 2.35 0.01	35.57 2.20 0.01	28.33 1.32 0.00	24.15 1.26 0.00	23.45 1.72 -0.01
FULTON COGEN____ 23766	21.21 -0.17 0.00	19.22 -0.15 0.00	17.89 -0.14 0.00	18.45 -0.19 0.00	19.65 -0.32 0.00	20.42 -0.44 0.00	21.53 -0.53 0.00	21.97 -0.59 0.00	21.23 -0.52 0.00	21.73 -0.53 0.00	21.74 -0.51 0.00	21.35 -0.48 0.00	20.88 -0.49 0.00	20.77 -0.49 0.00	20.79 -0.51 0.00	22.59 -0.60 0.00	28.42 -0.79 0.00	30.08 -0.68 0.00	33.31 -0.68 0.00	32.64 -0.73 0.00	26.31 -0.70 0.00	22.34 -0.55 0.00	21.34 -0.39 0.00
FULTON___LFGE 323630	23.29 1.90 0.00	20.92 1.55 0.00	19.39 1.35 0.00	20.08 1.44 0.00	21.39 1.42 0.00	22.34 1.48 0.00	23.74 1.68 0.00	24.06 1.51 0.00	23.17 1.41 0.00	23.60 1.34 0.00	23.59 1.34 0.00	23.08 1.24 0.00	22.55 1.17 0.00	22.42 1.17 0.00	22.52 1.21 0.00	24.77 1.58 0.00	31.51 2.31 0.00	33.71 2.95 0.00	37.66 3.67 0.00	36.81 3.44 0.00	29.41 2.40 0.01	24.82 1.92 0.00	23.64 1.91 0.00
G.F.CEMENT___DRP 24184	22.52 1.13 0.00	20.32 0.95 0.00	18.83 0.79 0.00	19.48 0.84 0.00	20.69 0.72 0.00	21.67 0.81 0.00	22.99 0.93 0.00	23.52 0.97 0.00	22.73 0.98 0.00	23.24 0.98 0.00	23.23 0.98 0.00	22.73 0.90 0.00	22.27 0.90 0.00	22.15 0.89 0.00	22.20 0.89 0.00	24.28 1.09 0.00	30.70 1.49 0.00	32.63 1.88 0.00	36.30 2.31 0.00	35.47 2.10 0.00	28.44 1.43 0.00	24.02 1.12 0.00	22.93 1.20 0.00
GARDENVILLE___LBMP 24039	20.21 -1.18 0.00	18.25 -1.12 0.00	16.96 -1.08 0.00	17.28 -1.36 0.00	18.29 -1.68 0.00	18.94 -1.92 0.00	20.14 -1.92 0.00	20.34 -2.21 0.00	19.78 -1.98 0.00	20.30 -1.96 0.00	20.41 -1.85 0.00	20.13 -1.70 0.00	19.49 -1.88 0.00	19.45 -1.81 0.00	19.30 -2.00 0.00	20.61 -2.57 0.00	25.57 -3.62 0.02	27.33 -3.41 0.01	30.13 -3.84 0.02	29.22 -4.14 0.02	22.38 -3.73 0.90	20.37 -2.52 0.01	19.93 -1.80 0.00
GARDNVLA_35_KV_LD 355827	20.29 -1.09 0.00	18.33 -1.05 0.00	17.01 -1.03 0.00	17.35 -1.29 0.00	18.37 -1.60 0.00	19.02 -1.84 0.00	20.23 -1.83 0.00	20.43 -2.12 0.00	19.88 -1.87 0.00	20.41 -1.85 0.00	20.54 -1.71 0.00	20.24 -1.59 0.00	19.60 -1.77 0.00	19.56 -1.70 0.00	19.41 -1.90 0.00	20.73 -2.46 0.00	25.69 -3.50 0.01	27.49 -3.26 0.01	30.30 -3.67 0.01	29.35 -4.00 0.01	22.50 -3.65 0.87	20.48 -2.40 0.01	20.04 -1.69 0.00
GELCKHM___115KV_LOAD 80723	21.32 -0.06 0.00	19.31 -0.06 0.00	17.98 -0.05 0.00	18.53 -0.11 0.00	19.75 -0.22 0.00	20.52 -0.33 0.00	21.67 -0.40 0.00	22.10 -0.45 0.00	21.39 -0.37 0.00	21.88 -0.38 0.00	21.90 -0.36 0.00	21.51 -0.33 0.00	21.03 -0.34 0.00	20.94 -0.32 0.00	20.96 -0.34 0.00	22.77 -0.42 0.00	28.62 -0.58 0.00	30.29 -0.46 0.00	33.51 -0.48 0.00	32.84 -0.53 0.00	26.47 -0.54 0.00	22.48 -0.41 0.00	21.47 -0.26 0.00
GENERAL___MILLS 23808	20.27 -1.11 0.00	18.29 -1.08 0.00	16.99 -1.05 0.00	17.34 -1.30 0.00	18.35 -1.62 0.00	18.98 -1.88 0.00	20.19 -1.88 0.00	20.41 -2.14 0.00	19.84 -1.91 0.00	20.37 -1.89 0.00	20.50 -1.76 0.00	20.20 -1.64 0.00	19.56 -1.82 0.00	19.51 -1.74 0.00	19.36 -1.94 0.00	20.68 -2.50 0.00	25.66 -3.53 0.02	27.43 -3.32 0.01	30.24 -3.74 0.02	29.29 -4.07 0.02	22.43 -3.70 0.88	20.44 -2.45 0.01	19.99 -1.74 0.00
GE_PLASTICS___DRP 24183	22.11 0.73 0.00	20.03 0.66 0.00	18.58 0.54 0.00	19.20 0.56 0.00	20.39 0.42 0.00	21.32 0.46 0.00	22.57 0.51 0.00	23.09 0.54 0.00	22.26 0.50 0.00	22.79 0.53 0.00	22.77 0.51 0.00	22.34 0.50 0.00	21.89 0.51 0.00	21.77 0.51 0.00	21.83 0.53 0.00	23.86 0.67 0.00	30.11 0.91 0.00	31.92 1.17 0.00	35.38 1.39 0.00	34.67 1.30 0.00	27.88 0.86 0.00	23.65 0.76 0.00	22.58 0.85 0.00
GILBOA___1 23756	21.96 0.58 0.00	19.89 0.52 0.00	18.45 0.42 0.00	19.03 0.39 0.00	20.23 0.26 0.00	21.11 0.25 0.00	22.44 0.37 0.00	22.96 0.41 0.00	22.10 0.35 0.00	22.64 0.38 0.00	22.66 0.40 0.00	22.20 0.37 0.00	21.76 0.39 0.00	21.66 0.40 0.00	21.71 0.40 0.00	23.70 0.51 0.00	29.91 0.70 0.00	31.71 0.95 0.00	35.11 1.12 0.00	34.41 1.04 0.00	27.65 0.65 0.01	23.47 0.57 0.00	22.40 0.67 0.00
GILBOA___2 23757	21.96 0.58 0.00	19.89 0.52 0.00	18.45 0.42 0.00	19.03 0.39 0.00	20.23 0.26 0.00	21.11 0.25 0.00	22.44 0.37 0.00	22.96 0.41 0.00	22.10 0.35 0.00	22.64 0.38 0.00	22.66 0.40 0.00	22.20 0.37 0.00	21.76 0.39 0.00	21.66 0.40 0.00	21.71 0.40 0.00	23.70 0.51 0.00	29.91 0.70 0.00	31.71 0.95 0.00	35.11 1.12 0.00	34.41 1.04 0.00	27.65 0.65 0.01	23.47 0.57 0.00	22.40 0.67 0.00
GILBOA___3 23758	21.96 0.58 0.00	19.89 0.52 0.00	18.45 0.42 0.00	19.03 0.39 0.00	20.23 0.26 0.00	21.11 0.25 0.00	22.44 0.37 0.00	22.96 0.41 0.00	22.10 0.35 0.00	22.64 0.38 0.00	22.66 0.40 0.00	22.20 0.37 0.00	21.76 0.39 0.00	21.66 0.40 0.00	21.71 0.40 0.00	23.70 0.51 0.00	29.91 0.70 0.00	31.71 0.95 0.00	35.11 1.12 0.00	34.41 1.04 0.00	27.65 0.65 0.01	23.47 0.57 0.00	22.40 0.67 0.00

GILBOA___4 23759	21.96 0.58 0.00	19.89 0.52 0.00	18.45 0.42 0.00	19.03 0.39 0.00	20.23 0.26 0.00	21.11 0.25 0.00	22.44 0.37 0.00	22.96 0.41 0.00	22.10 0.35 0.00	22.64 0.38 0.00	22.66 0.40 0.00	22.20 0.37 0.00	21.76 0.39 0.00	21.66 0.40 0.00	21.71 0.40 0.00	23.70 0.51 0.00	29.91 0.70 0.00	31.71 0.95 0.00	35.11 1.12 0.00	34.41 1.04 0.00	27.65 0.65 0.01	23.47 0.57 0.00	22.40 0.67 0.00
GILBOA____ 23599	21.96 0.58 0.00	19.89 0.52 0.00	18.45 0.41 0.00	19.05 0.41 0.00	20.25 0.28 0.00	21.15 0.29 0.00	22.44 0.38 0.00	22.96 0.41 0.00	22.13 0.37 0.00	22.64 0.38 0.00	22.63 0.38 0.00	22.20 0.37 0.00	21.76 0.38 0.00	21.64 0.38 0.00	21.71 0.40 0.00	23.70 0.51 0.00	29.91 0.70 0.00	31.71 0.95 0.00	35.11 1.12 0.00	34.41 1.03 0.00	27.65 0.65 0.01	23.49 0.60 0.00	22.45 0.72 0.00
GINNA____ 23603	19.70 -1.69 0.00	17.82 -1.55 0.00	16.58 -1.46 0.00	17.19 -1.45 0.00	18.25 -1.72 0.00	18.92 -1.94 0.00	19.88 -2.18 0.00	20.37 -2.19 0.00	19.84 -1.91 0.00	20.23 -2.03 0.00	20.21 -2.05 0.00	19.96 -1.88 0.00	19.45 -1.92 0.00	19.22 -2.04 0.00	19.32 -1.98 0.00	20.85 -2.34 0.00	26.19 -2.98 0.03	27.81 -2.92 0.02	30.69 -3.26 0.03	30.17 -3.17 0.03	22.82 -2.78 1.41	20.59 -2.29 0.02	19.82 -1.91 0.00
GLEN PARK____ 23778	20.96 -0.43 0.00	18.94 -0.43 0.00	17.70 -0.34 0.00	18.34 -0.30 0.00	19.63 -0.34 0.00	20.42 -0.44 0.00	21.45 -0.62 0.00	21.81 -0.74 0.00	20.99 -0.76 0.00	21.53 -0.73 0.00	21.43 -0.82 0.00	20.98 -0.85 0.00	20.50 -0.88 0.00	20.36 -0.89 0.00	20.45 -0.85 0.00	22.38 -0.81 0.00	28.45 -0.76 0.00	31.50 -0.40 -1.15	35.49 -0.07 -1.57	33.27 -0.10 0.00	27.79 -0.24 -1.02	23.04 -0.23 -0.38	22.59 -0.24 -1.10
GLENDALE_27_KV_LOAD 356172	22.71 1.33 0.00	20.55 1.18 0.00	18.96 0.92 0.00	19.52 0.88 0.00	20.63 0.66 0.00	21.55 0.69 0.00	22.99 0.93 0.00	23.50 0.95 0.00	22.58 0.83 0.00	23.11 0.85 0.00	23.14 0.89 0.00	22.73 0.90 0.00	22.32 0.94 0.00	22.19 0.94 0.00	22.30 1.00 0.00	24.33 1.14 0.00	30.84 1.64 0.00	32.88 2.12 0.00	36.47 2.48 0.00	35.67 2.30 0.00	28.50 1.49 0.00	24.31 1.42 0.00	23.40 1.67 0.00
GLENWOOD_IC_1_G5 23712	22.99 1.60 0.00	20.75 1.38 0.00	19.14 1.10 0.00	19.70 1.06 0.00	20.93 0.96 0.00	21.98 1.13 0.00	25.26 1.41 -1.78	24.02 1.47 0.00	23.06 1.31 0.00	23.55 1.29 0.00	23.57 1.31 0.00	23.08 1.24 0.00	22.64 1.26 0.00	22.53 1.28 0.00	22.69 1.38 0.00	24.79 1.60 0.00	31.43 2.22 0.00	33.55 2.80 0.00	37.49 3.23 -0.27	36.34 2.97 0.00	32.37 2.16 -3.20	30.13 1.90 -5.33	23.75 2.02 0.00
GLENWOOD_IC_2_G1 23688	22.93 1.54 0.00	20.71 1.34 0.00	19.07 1.03 0.00	19.59 0.95 0.00	20.81 0.84 0.00	21.84 0.98 0.00	25.19 1.35 -1.78	23.95 1.40 0.00	22.95 1.20 0.00	23.51 1.25 0.00	23.54 1.29 0.00	23.01 1.18 0.00	22.59 1.22 0.00	22.55 1.30 0.00	22.62 1.32 0.00	24.72 1.53 0.00	31.25 2.04 0.00	33.43 2.67 0.00	37.36 3.09 -0.27	36.21 2.84 0.00	32.26 2.05 -3.20	30.01 1.79 -5.33	23.60 1.87 0.00
GLENWOOD_IC_3_G1 23689	22.93 1.54 0.00	20.71 1.34 0.00	19.07 1.03 0.00	19.59 0.95 0.00	20.81 0.84 0.00	21.84 0.98 0.00	25.19 1.35 -1.78	23.95 1.40 0.00	22.95 1.20 0.00	23.51 1.25 0.00	23.54 1.29 0.00	23.01 1.18 0.00	22.59 1.22 0.00	22.55 1.30 0.00	22.62 1.32 0.00	24.72 1.53 0.00	31.25 2.04 0.00	33.43 2.67 0.00	37.36 3.09 -0.27	36.21 2.84 0.00	32.26 2.05 -3.20	30.01 1.79 -5.33	23.60 1.87 0.00
GLENWOOD___4 23550	22.99 1.60 0.00	20.75 1.38 0.00	19.14 1.10 0.00	19.70 1.06 0.00	20.93 0.96 0.00	21.98 1.13 0.00	25.26 1.41 -1.78	24.02 1.47 0.00	23.06 1.31 0.00	23.55 1.29 0.00	23.57 1.31 0.00	23.08 1.24 0.00	22.64 1.26 0.00	22.53 1.28 0.00	22.69 1.38 0.00	24.79 1.60 0.00	31.43 2.22 0.00	33.55 2.80 0.00	37.49 3.23 -0.27	36.34 2.97 0.00	32.37 2.16 -3.20	30.13 1.90 -5.33	23.75 2.02 0.00
GLENWOOD___5 23614	22.99 1.60 0.00	20.75 1.38 0.00	19.14 1.10 0.00	19.70 1.06 0.00	20.93 0.96 0.00	21.98 1.13 0.00	25.26 1.41 -1.78	24.02 1.47 0.00	23.06 1.31 0.00	23.55 1.29 0.00	23.57 1.31 0.00	23.08 1.24 0.00	22.64 1.26 0.00	22.53 1.28 0.00	22.69 1.38 0.00	24.79 1.60 0.00	31.43 2.22 0.00	33.55 2.80 0.00	37.49 3.23 -0.27	36.34 2.97 0.00	32.37 2.16 -3.20	30.13 1.90 -5.33	23.75 2.02 0.00
GLOBAL GREEN_PORT_GT1 23814	23.23 1.84 0.00	20.98 1.61 0.00	19.27 1.23 0.00	19.78 1.14 0.00	21.23 1.26 0.00	22.50 1.65 0.00	25.96 2.12 -1.78	24.58 2.03 0.00	23.24 1.48 0.00	23.71 1.45 0.00	23.68 1.43 0.00	23.06 1.22 0.00	22.59 1.22 0.00	22.57 1.32 0.00	22.69 1.38 0.00	24.88 1.69 0.00	31.60 2.40 0.00	34.11 3.35 0.00	38.14 3.87 -0.28	36.78 3.41 0.00	32.75 2.54 -3.20	30.43 2.20 -5.33	23.92 2.19 0.00
GLOBE___DSASP 323697	19.31 -2.07 0.00	17.43 -1.94 0.00	16.27 -1.77 0.00	16.57 -2.07 0.00	17.55 -2.42 0.00	18.19 -2.67 0.00	19.28 -2.78 0.00	19.46 -3.09 0.00	18.88 -2.87 0.00	19.41 -2.85 0.00	19.54 -2.72 0.00	19.26 -2.58 0.00	18.64 -2.74 0.00	18.64 -2.61 0.00	18.47 -2.83 0.00	19.69 -3.50 0.00	24.46 -4.73 0.02	26.07 -4.67 0.01	28.74 -5.23 0.02	28.08 -5.27 0.02	21.46 -4.56 0.99	19.41 -3.48 0.01	19.06 -2.67 0.00
GOETHSLN___LBMP 323567	22.39 1.01 0.00	20.24 0.87 0.00	18.71 0.67 0.00	19.26 0.62 0.00	20.39 0.42 0.00	21.36 0.50 0.00	22.79 0.73 0.00	23.30 0.74 0.00	22.41 0.65 0.00	22.93 0.67 0.00	22.94 0.69 0.00	22.55 0.72 0.00	22.12 0.75 0.00	22.00 0.74 0.00	22.11 0.81 0.00	24.14 0.95 0.00	30.55 1.34 0.00	32.60 1.85 0.00	36.06 2.07 0.00	35.34 1.97 0.00	28.28 1.27 0.00	24.11 1.21 0.00	23.14 1.41 0.00
GOLAH___69_KV_TB 1_2 80279	20.49 -0.90 0.00	18.54 -0.83 0.00	17.30 -0.74 0.00	17.75 -0.89 0.00	18.87 -1.10 0.00	19.58 -1.27 0.00	20.70 -1.37 0.00	20.95 -1.60 0.00	20.28 -1.48 0.00	20.79 -1.47 0.00	20.90 -1.36 0.00	20.57 -1.27 0.00	20.01 -1.37 0.00	19.92 -1.34 0.00	19.83 -1.47 0.00	21.31 -1.88 0.00	26.70 -2.48 0.02	28.41 -2.34 0.01	31.49 -2.48 0.02	30.81 -2.54 0.02	23.82 -2.21 0.97	21.12 -1.76 0.01	20.47 -1.26 0.00
GOODYEAR_LAKE_HYD 323669	22.24 0.86 0.00	20.13 0.76 0.00	18.71 0.67 0.00	19.31 0.67 0.00	20.59 0.62 0.00	21.46 0.60 0.00	22.84 0.77 0.00	23.34 0.79 0.00	22.54 0.78 0.00	23.13 0.87 0.00	23.10 0.85 0.00	22.73 0.90 0.00	22.19 0.81 0.00	22.06 0.81 0.00	22.13 0.83 0.00	24.07 0.88 0.00	30.37 1.17 0.00	32.26 1.51 0.00	35.72 1.73 0.00	34.97 1.60 0.00	28.05 1.05 0.01	23.86 0.96 0.00	22.77 1.04 0.00

GOUDEY___7	21.68	19.64	18.26	18.79	19.99	20.82	22.06	22.51	21.76	22.26	22.25	21.88	21.37	21.23	21.28	23.10	29.04	30.88	34.13	33.38	26.98	22.90	21.93
345031	0.30	0.27	0.22	0.15	0.02	-0.04	0.00	-0.05	0.00	0.00	0.00	0.04	0.00	-0.02	-0.02	-0.09	-0.18	0.12	0.14	0.00	-0.24	0.00	0.20
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	-0.01	-0.01	-0.21	0.00	0.00
GOUDEY___8	21.71	19.66	18.27	18.81	20.01	20.84	22.09	22.53	21.78	22.28	22.28	21.90	21.40	21.26	21.30	23.12	29.07	30.91	34.17	33.41	27.00	22.92	21.95
23579	0.32	0.29	0.23	0.17	0.04	-0.02	0.02	-0.02	0.02	0.02	0.02	0.07	0.02	0.00	0.00	-0.07	-0.15	0.15	0.17	0.03	-0.22	0.02	0.22
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	-0.01	-0.01	-0.21	0.00	0.00
GOUDEY___8	21.68	19.64	18.26	18.79	19.99	20.82	22.06	22.51	21.76	22.26	22.25	21.88	21.37	21.23	21.28	23.10	29.04	30.88	34.13	33.38	26.98	22.90	21.93
23580	0.30	0.27	0.22	0.15	0.02	-0.04	0.00	-0.05	0.00	0.00	0.00	0.04	0.00	-0.02	-0.02	-0.09	-0.18	0.12	0.14	0.00	-0.24	0.00	0.20
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	-0.01	-0.01	-0.21	0.00	0.00
GOWANUS_GT1_1	22.78	20.62	19.00	19.55	20.63	21.52	22.97	23.50	22.58	23.11	23.14	22.75	22.34	22.21	22.32	24.35	30.93	32.98	36.55	35.78	28.52	24.34	23.48
24077	1.39	1.24	0.96	0.91	0.66	0.67	0.90	0.95	0.83	0.85	0.89	0.92	0.96	0.96	1.02	1.16	1.72	2.21	2.55	2.40	1.51	1.44	1.74
	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	-0.01	0.00	0.00	-0.01
GOWANUS_GT1_2	22.78	20.62	19.00	19.55	20.63	21.52	22.97	23.50	22.58	23.11	23.14	22.75	22.34	22.21	22.32	24.35	30.93	32.98	36.55	35.78	28.52	24.34	23.48
24078	1.39	1.24	0.96	0.91	0.66	0.67	0.90	0.95	0.83	0.85	0.89	0.92	0.96	0.96	1.02	1.16	1.72	2.21	2.55	2.40	1.51	1.44	1.74
	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	-0.01	0.00	0.00	-0.01
GOWANUS_GT1_3	22.78	20.62	19.00	19.55	20.63	21.52	22.97	23.50	22.58	23.11	23.14	22.75	22.34	22.21	22.32	24.35	30.93	32.98	36.55	35.78	28.52	24.34	23.48
24079	1.39	1.24	0.96	0.91	0.66	0.67	0.90	0.95	0.83	0.85	0.89	0.92	0.96	0.96	1.02	1.16	1.72	2.21	2.55	2.40	1.51	1.44	1.74
	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	-0.01	0.00	0.00	-0.01
GOWANUS																							

GOWANUS_GT2_5 24118	22.78 1.39 -0.01	20.62 1.24 -0.01	18.99 0.96 0.00	19.52 0.88 0.00	20.55 0.58 0.00	21.44 0.58 0.00	22.97 0.90 0.00	23.50 0.95 0.00	22.54 0.78 0.00	23.11 0.85 0.00	23.19 0.93 0.00	22.75 0.92 0.00	22.34 0.96 0.00	22.30 1.04 0.00	22.32 1.02 0.00	24.35 1.16 0.00	30.87 1.66 0.00	32.95 2.18 -0.01	36.51 2.52 -0.01	35.72 2.34 -0.01	28.52 1.51 0.00	24.24 1.35 0.00	23.37 1.63 -0.01
GOWANUS_GT2_6 24119	22.78 1.39 -0.01	20.62 1.24 -0.01	18.99 0.96 0.00	19.52 0.88 0.00	20.55 0.58 0.00	21.44 0.58 0.00	22.97 0.90 0.00	23.50 0.95 0.00	22.54 0.78 0.00	23.11 0.85 0.00	23.19 0.93 0.00	22.75 0.92 0.00	22.34 0.96 0.00	22.30 1.04 0.00	22.32 1.02 0.00	24.35 1.16 0.00	30.87 1.66 0.00	32.95 2.18 -0.01	36.51 2.52 -0.01	35.72 2.34 -0.01	28.52 1.51 0.00	24.24 1.35 0.00	23.37 1.63 -0.01
GOWANUS_GT2_7 24120	22.78 1.39 -0.01	20.62 1.24 -0.01	18.99 0.96 0.00	19.52 0.88 0.00	20.55 0.58 0.00	21.44 0.58 0.00	22.97 0.90 0.00	23.50 0.95 0.00	22.54 0.78 0.00	23.11 0.85 0.00	23.19 0.93 0.00	22.75 0.92 0.00	22.34 0.96 0.00	22.30 1.04 0.00	22.32 1.02 0.00	24.35 1.16 0.00	30.87 1.66 0.00	32.95 2.18 -0.01	36.51 2.52 -0.01	35.72 2.34 -0.01	28.52 1.51 0.00	24.24 1.35 0.00	23.37 1.63 -0.01
GOWANUS_GT2_8 24121	22.78 1.39 -0.01	20.62 1.24 -0.01	18.99 0.96 0.00	19.52 0.88 0.00	20.55 0.58 0.00	21.44 0.58 0.00	22.97 0.90 0.00	23.50 0.95 0.00	22.54 0.78 0.00	23.11 0.85 0.00	23.19 0.93 0.00	22.75 0.92 0.00	22.34 0.96 0.00	22.30 1.04 0.00	22.32 1.02 0.00	24.35 1.16 0.00	30.87 1.66 0.00	32.95 2.18 -0.01	36.51 2.52 -0.01	35.72 2.34 -0.01	28.52 1.51 0.00	24.24 1.35 0.00	23.37 1.63 -0.01
GOWANUS_GT3_1 24122	22.78 1.39 -0.01	20.62 1.24 -0.01	18.99 0.96 0.00	19.52 0.88 0.00	20.55 0.58 0.00	21.44 0.58 0.00	22.97 0.90 0.00	23.50 0.95 0.00	22.54 0.78 0.00	23.11 0.85 0.00	23.19 0.93 0.00	22.75 0.92 0.00	22.34 0.96 0.00	22.30 1.04 0.00	22.32 1.02 0.00	24.35 1.16 0.00	30.87 1.66 0.00	32.95 2.18 -0.01	36.51 2.52 -0.01	35.72 2.34 -0.01	28.52 1.51 0.00	24.24 1.35 0.00	23.37 1.63 -0.01
GOWANUS_GT3_2 24123	22.78 1.39 -0.01	20.62 1.24 -0.01	18.99 0.96 0.00	19.52 0.88 0.00	20.55 0.58 0.00	21.44 0.58 0.00	22.97 0.90 0.00	23.50 0.95 0.00	22.54 0.78 0.00	23.11 0.85 0.00	23.19 0.93 0.00	22.75 0.92 0.00	22.34 0.96 0.00	22.30 1.04 0.00	22.32 1.02 0.00	24.35 1.16 0.00	30.87 1.66 0.00	32.95 2.18 -0.01	36.51 2.52 -0.01	35.72 2.34 -0.01	28.52 1.51 0.00	24.24 1.35 0.00	23.37 1.63 -0.01
GOWANUS_GT3_3 24124	22.78 1.39 -0.01	20.62 1.24 -0.01	18.99 0.96 0.00	19.52 0.88 0.00	20.55 0.58 0.00	21.44 0.58 0.00	22.97 0.90 0.00	23.50 0.95 0.00	22.54 0.78 0.00	23.11 0.85 0.00	23.19 0.93 0.00	22.75 0.92 0.00	22.34 0.96 0.00	22.30 1.04 0.00	22.32 1.02 0.00	24.35 1.16 0.00	30.87 1.66 0.00	32.95 2.18 -0.01	36.51 2.52 -0.01	35.72 2.34 -0.01	28.52 1.51 0.00	24.24 1.35 0.00	23.37 1.63 -0.01
GOWANUS_GT3_4 24125	22.78 1.39 -0.01	20.62 1.24 -0.01	18.99 0.96 0.00	19.52 0.88 0.00	20.55 0.58 0.00	21.44 0.58 0.00	22.97 0.90 0.00	23.50 0.95 0.00	22.54 0.78 0.00	23.11 0.85 0.00	23.19 0.93 0.00	22.75 0.92 0.00	22.34 0.96 0.00	22.30 1.04 0.00	22.32 1.02 0.00	24.35 1.16 0.00	30.87 1.66 0.00	32.95 2.18 -0.01	36.51 2.52 -0.01	35.72 2.34 -0.01	28.52 1.51 0.00	24.24 1.35 0.00	23.37 1.63 -0.01
GOWANUS_GT3_5 24126	22.78 1.39 -0.01	20.62 1.24 -0.01	18.99 0.96 0.00	19.52 0.88 0.00	20.55 0.58 0.00	21.44 0.58 0.00	22.97 0.90 0.00	23.50 0.95 0.00	22.54 0.78 0.00	23.11 0.85 0.00	23.19 0.93 0.00	22.75 0.92 0.00	22.34 0.96 0.00	22.30 1.04 0.00	22.32 1.02 0.00	24.35 1.16 0.00	30.87 1.66 0.00	32.95 2.18 -0.01	36.51 2.52 -0.01	35.72 2.34 -0.01	28.52 1.51 0.00	24.24 1.35 0.00	23.37 1.63 -0.01
GOWANUS_GT3_6 24127	22.78 1.39 -0.01	20.62 1.24 -0.01	18.99 0.96 0.00	19.52 0.88 0.00	20.55 0.58 0.00	21.44 0.58 0.00	22.97 0.90 0.00	23.50 0.95 0.00	22.54 0.78 0.00	23.11 0.85 0.00	23.19 0.93 0.00	22.75 0.92 0.00	22.34 0.96 0.00	22.30 1.04 0.00	22.32 1.02 0.00	24.35 1.16 0.00	30.87 1.66 0.00	32.95 2.18 -0.01	36.51 2.52 -0.01	35.72 2.34 -0.01	28.52 1.51 0.00	24.24 1.35 0.00	23.37 1.63 -0.01
GOWANUS_GT3_7 24128	22.78 1.39 -0.01	20.62 1.24 -0.01	18.99 0.96 0.00	19.52 0.88 0.00	20.55 0.58 0.00	21.44 0.58 0.00	22.97 0.90 0.00	23.50 0.95 0.00	22.54 0.78 0.00	23.11 0.85 0.00	23.19 0.93 0.00	22.75 0.92 0.00	22.34 0.96 0.00	22.30 1.04 0.00	22.32 1.02 0.00	24.35 1.16 0.00	30.87 1.66 0.00	32.95 2.18 -0.01	36.51 2.52 -0.01	35.72 2.34 -0.01	28.52 1.51 0.00	24.24 1.35 0.00	23.37 1.63 -0.01
GOWANUS_GT3_8 24129	22.78 1.39 -0.01	20.62 1.24 -0.01	18.99 0.96 0.00	19.52 0.88 0.00	20.55 0.58 0.00	21.44 0.58 0.00	22.97 0.90 0.00	23.50 0.95 0.00	22.54 0.78 0.00	23.11 0.85 0.00	23.19 0.93 0.00	22.75 0.92 0.00	22.34 0.96 0.00	22.30 1.04 0.00	22.32 1.02 0.00	24.35 1.16 0.00	30.87 1.66 0.00	32.95 2.18 -0.01	36.51 2.52 -0.01	35.72 2.34 -0.01	28.52 1.51 0.00	24.24 1.35 0.00	23.37 1.63 -0.01
GOWANUS_GT4_1 24130	22.78 1.39 -0.01	20.62 1.24 -0.01	19.00 0.96 0.00	19.55 0.91 0.00	20.63 0.66 0.00	21.52 0.67 0.00	22.97 0.90 0.00	23.50 0.95 0.00	22.58 0.83 0.00	23.11 0.85 0.00	23.14 0.89 0.00	22.75 0.92 0.00	22.34 0.96 0.00	22.21 0.96 0.00	22.32 1.02 0.00	24.35 1.16 0.00	30.93 1.72 0.00	32.98 2.21 -0.01	36.55 2.55 -0.01	35.78 2.40 -0.01	28.52 1.51 0.00	24.34 1.44 0.00	23.48 1.74 -0.01
GOWANUS_GT4_2 24131	22.78 1.39 -0.01	20.62 1.24 -0.01	19.00 0.96 0.00	19.55 0.91 0.00	20.63 0.66 0.00	21.52 0.67 0.00	22.97 0.90 0.00	23.50 0.95 0.00	22.58 0.83 0.00	23.11 0.85 0.00	23.14 0.89 0.00	22.75 0.92 0.00	22.34 0.96 0.00	22.21 0.96 0.00	22.32 1.02 0.00	24.35 1.16 0.00	30.93 1.72 0.00	32.98 2.21 -0.01	36.55 2.55 -0.01	35.78 2.40 -0.01	28.52 1.51 0.00	24.34 1.44 0.00	23.48 1.74 -0.01
GOWANUS_GT4_3 24132	22.78 1.39 -0.01	20.62 1.24 -0.01	19.00 0.96 0.00	19.55 0.91 0.00	20.63 0.66 0.00	21.52 0.67 0.00	22.97 0.90 0.00	23.50 0.95 0.00	22.58 0.83 0.00	23.11 0.85 0.00	23.14 0.89 0.00	22.75 0.92 0.00	22.34 0.96 0.00	22.21 0.96 0.00	22.32 1.02 0.00	24.35 1.16 0.00	30.93 1.72 0.00	32.98 2.21 -0.01	36.55 2.55 -0.01	35.78 2.40 -0.01	28.52 1.51 0.00	24.34 1.44 0.00	23.48 1.74 -0.01

GOWANUS_GT4_4 24133	22.78 1.39 -0.01	20.62 1.24 -0.01	19.00 0.96 0.00	19.55 0.91 0.00	20.63 0.66 0.00	21.52 0.67 0.00	22.97 0.90 0.00	23.50 0.95 0.00	22.58 0.83 0.00	23.11 0.85 0.00	23.14 0.89 0.00	22.75 0.92 0.00	22.34 0.96 0.00	22.21 0.96 0.00	22.32 1.02 0.00	24.35 1.16 0.00	30.93 1.72 0.00	32.98 2.21 -0.01	36.55 2.55 -0.01	35.78 2.40 -0.01	28.52 1.51 0.00	24.34 1.44 0.00	23.48 1.74 -0.01
GOWANUS_GT4_5 24134	22.78 1.39 -0.01	20.62 1.24 -0.01	19.00 0.96 0.00	19.55 0.91 0.00	20.63 0.66 0.00	21.52 0.67 0.00	22.97 0.90 0.00	23.50 0.95 0.00	22.58 0.83 0.00	23.11 0.85 0.00	23.14 0.89 0.00	22.75 0.92 0.00	22.34 0.96 0.00	22.21 0.96 0.00	22.32 1.02 0.00	24.35 1.16 0.00	30.93 1.72 0.00	32.98 2.21 -0.01	36.55 2.55 -0.01	35.78 2.40 -0.01	28.52 1.51 0.00	24.34 1.44 0.00	23.48 1.74 -0.01
GOWANUS_GT4_6 24135	22.78 1.39 -0.01	20.62 1.24 -0.01	19.00 0.96 0.00	19.55 0.91 0.00	20.63 0.66 0.00	21.52 0.67 0.00	22.97 0.90 0.00	23.50 0.95 0.00	22.58 0.83 0.00	23.11 0.85 0.00	23.14 0.89 0.00	22.75 0.92 0.00	22.34 0.96 0.00	22.21 0.96 0.00	22.32 1.02 0.00	24.35 1.16 0.00	30.93 1.72 0.00	32.98 2.21 -0.01	36.55 2.55 -0.01	35.78 2.40 -0.01	28.52 1.51 0.00	24.34 1.44 0.00	23.48 1.74 -0.01
GOWANUS_GT4_7 24136	22.78 1.39 -0.01	20.62 1.24 -0.01	19.00 0.96 0.00	19.55 0.91 0.00	20.63 0.66 0.00	21.52 0.67 0.00	22.97 0.90 0.00	23.50 0.95 0.00	22.58 0.83 0.00	23.11 0.85 0.00	23.14 0.89 0.00	22.75 0.92 0.00	22.34 0.96 0.00	22.21 0.96 0.00	22.32 1.02 0.00	24.35 1.16 0.00	30.93 1.72 0.00	32.98 2.21 -0.01	36.55 2.55 -0.01	35.78 2.40 -0.01	28.52 1.51 0.00	24.34 1.44 0.00	23.48 1.74 -0.01
GOWANUS_GT4_8 24137	22.78 1.39 -0.01	20.62 1.24 -0.01	19.00 0.96 0.00	19.55 0.91 0.00	20.63 0.66 0.00	21.52 0.67 0.00	22.97 0.90 0.00	23.50 0.95 0.00	22.58 0.83 0.00	23.11 0.85 0.00	23.14 0.89 0.00	22.75 0.92 0.00	22.34 0.96 0.00	22.21 0.96 0.00	22.32 1.02 0.00	24.35 1.16 0.00	30.93 1.72 0.00	32.98 2.21 -0.01	36.55 2.55 -0.01	35.78 2.40 -0.01	28.52 1.51 0.00	24.34 1.44 0.00	23.48 1.74 -0.01
GREENBSH_115KV_TB3 55895	22.22 0.83 0.00	20.13 0.76 0.00	18.67 0.63 0.00	19.27 0.63 0.00	20.45 0.48 0.00	21.38 0.52 0.00	22.61 0.55 0.00	23.16 0.61 0.00	22.32 0.57 0.00	22.88 0.62 0.00	22.86 0.60 0.00	22.42 0.59 0.00	21.97 0.60 0.00	21.85 0.60 0.00	21.94 0.64 0.00	23.95 0.77 0.00	30.26 1.05 0.00	32.08 1.32 0.00	35.55 1.56 0.00	34.81 1.43 0.00	27.98 0.97 0.00	23.74 0.85 0.00	22.69 0.96 0.00
GREENDGE_115KV_TB5 80291	21.66 0.28 0.00	19.60 0.23 0.00	18.24 0.20 0.00	18.75 0.11 0.00	19.93 -0.04 0.00	20.71 -0.15 0.00	21.93 -0.13 0.00	22.28 -0.27 0.00	21.54 -0.22 0.00	22.04 -0.22 0.00	22.08 -0.18 0.00	21.66 -0.17 0.00	21.14 -0.24 0.00	21.02 -0.23 0.00	21.05 -0.26 0.00	22.82 -0.37 0.00	28.78 -0.50 -0.07	30.67 -0.12 -0.04	33.92 -0.14 -0.07	33.14 -0.30 -0.07	29.36 -0.54 -2.89	22.63 -0.30 -0.04	21.69 -0.04 0.00
GREENIDGE___3 23582	21.66 0.28 0.00	19.60 0.23 0.00	18.24 0.20 0.00	18.75 0.11 0.00	19.93 -0.04 0.00	20.71 -0.15 0.00	21.93 -0.13 0.00	22.28 -0.27 0.00	21.54 -0.22 0.00	22.04 -0.22 0.00	22.08 -0.18 0.00	21.66 -0.17 0.00	21.14 -0.24 0.00	21.02 -0.23 0.00	21.05 -0.26 0.00	22.82 -0.37 0.00	28.78 -0.50 -0.07	30.67 -0.12 -0.04	33.92 -0.14 -0.07	33.14 -0.30 -0.07	29.36 -0.54 -2.89	22.63 -0.30 -0.04	21.69 -0.04 0.00
GREENIDGE___4 23583	21.66 0.28 0.00	19.60 0.23 0.00	18.24 0.20 0.00	18.85 0.21 0.00	19.99 0.02 0.00	20.73 -0.12 0.00	21.86 -0.20 0.00	22.28 -0.27 0.00	21.60 -0.15 0.00	22.06 -0.20 0.00	22.01 -0.24 0.00	21.66 -0.18 0.00	21.14 -0.23 0.00	20.96 -0.30 0.00	21.05 -0.25 0.00	22.82 -0.37 0.00	28.81 -0.47 -0.07	30.67 -0.12 -0.04	33.75 -0.31 -0.07	33.17 -0.27 -0.07	29.36 -0.54 -2.89	22.66 -0.27 -0.04	21.69 -0.04 0.00
GREENLWN_69_KV_BK 3 55738	22.97 1.58 0.00	20.75 1.38 0.00	19.14 1.10 0.00	19.70 1.06 0.00	20.95 0.98 0.00	22.00 1.15 0.00	25.28 1.43 -1.78	24.02 1.47 0.00	23.06 1.31 0.00	23.53 1.27 0.00	23.52 1.27 0.00	23.03 1.20 0.00	22.61 1.24 0.00	22.51 1.25 0.00	22.64 1.34 0.00	24.77 1.58 0.00	31.40 2.19 0.00	33.52 2.77 0.00	37.46 3.20 -0.28	36.31 2.94 0.00	32.31 2.11 -3.20	30.11 1.88 -5.33	23.73 2.00 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	22.78 1.39 -0.01	20.62 1.24 -0.01	19.00 0.96 0.00	19.55 0.91 0.00	20.63 0.66 0.00	21.52 0.67 0.00	22.97 0.90 0.00	23.50 0.95 0.00	22.58 0.83 0.00	23.11 0.85 0.00	23.14 0.89 0.00	22.75 0.92 0.00	22.34 0.96 0.00	22.21 0.96 0.00	22.32 1.02 0.00	24.35 1.16 0.00	30.93 1.72 0.00	32.98 2.21 -0.01	36.55 2.55 -0.01	35.78 2.40 -0.01	28.52 1.51 0.00	24.34 1.44 0.00	23.48 1.74 -0.01
GRISSOM___SOLAR 323813	23.29 1.90 0.00	20.92 1.55 0.00	19.39 1.35 0.00	20.08 1.44 0.00	21.39 1.42 0.00	22.34 1.48 0.00	23.74 1.68 0.00	24.06 1.51 0.00	23.17 1.41 0.00	23.60 1.34 0.00	23.59 1.34 0.00	23.08 1.24 0.00	22.55 1.17 0.00	22.42 1.17 0.00	22.52 1.21 0.00	24.77 1.58 0.00	31.51 2.31 0.00	33.71 2.95 0.00	37.66 3.67 0.00	36.81 3.44 0.00	29.41 2.40 0.01	24.82 1.92 0.00	23.64 1.91 0.00
GROVEVILLE___HYD 323602	22.60 1.22 0.00	20.46 1.08 0.00	18.90 0.87 0.00	19.48 0.84 0.00	20.65 0.68 0.00	21.59 0.73 0.00	22.99 0.93 0.00	23.52 0.97 0.00	22.63 0.87 0.00	23.13 0.87 0.00	23.12 0.87 0.00	22.71 0.87 0.00	22.25 0.88 0.00	22.11 0.85 0.00	22.22 0.92 0.00	24.30 1.11 0.00	30.78 1.58 0.00	32.78 2.03 0.00	36.37 2.38 0.00	35.64 2.27 0.00	28.50 1.49 0.00	24.20 1.30 0.00	23.16 1.43 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	21.49 0.11 0.00	19.47 0.10 0.00	18.13 0.09 0.00	18.70 0.06 0.00	19.93 -0.04 0.00	20.71 -0.15 0.00	21.86 -0.20 0.00	22.33 -0.23 0.00	21.58 -0.17 0.00	22.10 -0.16 0.00	22.12 -0.13 0.00	21.70 -0.13 0.00	21.25 -0.13 0.00	21.13 -0.13 0.00	21.15 -0.15 0.00	22.98 -0.21 0.00	28.89 -0.32 -0.01	30.57 -0.18 0.00	33.83 -0.17 -0.01	33.14 -0.23 -0.01	26.91 -0.32 -0.22	22.69 -0.21 0.00	21.67 -0.07 0.00
HAMLTNNY_34_KV_TB 80303	21.45 0.06 0.00	19.45 0.08 0.00	18.09 0.05 0.00	18.64 0.00 0.00	19.87 -0.10 0.00	20.67 -0.19 0.00	21.82 -0.24 0.00	22.28 -0.27 0.00	21.54 -0.22 0.00	22.06 -0.20 0.00	22.08 -0.18 0.00	21.68 -0.15 0.00	21.20 -0.17 0.00	21.09 -0.17 0.00	21.11 -0.19 0.00	22.91 -0.28 0.00	28.83 -0.38 -0.01	30.54 -0.22 0.00	33.79 -0.20 -0.01	33.08 -0.30 -0.01	26.89 -0.38 -0.25	22.62 -0.27 0.00	21.62 -0.11 0.00

HAMPSHIRE___PAPER_HYD 323593	20.31 -1.07 0.00	18.38 -0.99 0.00	17.23 -0.81 0.00	17.80 -0.84 0.00	19.23 -0.74 0.00	20.21 -0.65 0.00	21.34 -0.73 0.00	21.79 -0.77 0.00	20.97 -0.78 0.00	21.48 -0.78 0.00	21.43 -0.82 0.00	20.98 -0.85 0.00	20.52 -0.86 0.00	20.40 -0.85 0.00	20.45 -0.85 0.00	22.28 -0.90 0.00	28.07 -1.14 0.00	32.52 -1.23 -3.00	36.82 -1.26 -4.09	32.17 -1.20 0.00	28.80 -0.89 -2.68	23.10 -0.78 -0.99	23.69 -0.91 -2.87
HARDSCRABBLE_WT_PWR 323673	21.24 -0.15 0.00	19.28 -0.10 0.00	18.00 -0.04 0.00	18.71 0.07 0.00	20.13 0.16 0.00	21.07 0.21 0.00	22.31 0.24 0.00	22.71 0.16 0.00	21.82 0.07 0.00	22.30 0.04 0.00	22.23 -0.02 0.00	21.75 -0.09 0.00	21.27 -0.11 0.00	21.13 -0.13 0.00	21.17 -0.13 0.00	23.03 -0.16 0.00	29.06 -0.15 0.00	30.69 -0.06 0.00	33.99 0.00 0.00	33.34 -0.03 0.00	26.90 -0.11 0.00	22.80 -0.09 0.00	21.67 -0.06 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	22.48 1.09 0.00	20.32 0.95 0.00	18.78 0.74 0.00	19.37 0.73 0.00	20.53 0.56 0.00	21.46 0.60 0.00	22.88 0.82 0.00	23.41 0.86 0.00	22.52 0.76 0.00	23.04 0.78 0.00	23.03 0.78 0.00	22.62 0.79 0.00	22.19 0.81 0.00	22.04 0.79 0.00	22.15 0.85 0.00	24.21 1.02 0.00	30.64 1.43 0.00	32.63 1.88 0.00	36.17 2.18 0.00	35.47 2.10 0.00	28.36 1.35 0.00	24.11 1.21 0.00	23.08 1.35 0.00
HARSNRAD_115KV_TB1 81005	19.82 -1.56 0.00	17.90 -1.47 0.00	16.67 -1.37 0.00	16.98 -1.66 0.00	17.99 -1.98 0.00	18.56 -2.29 0.00	19.70 -2.36 0.00	19.89 -2.66 0.00	19.32 -2.44 0.00	19.86 -2.40 0.00	19.98 -2.27 0.00	19.69 -2.14 0.00	19.07 -2.31 0.00	19.05 -2.21 0.00	18.89 -2.41 0.00	20.15 -3.04 0.00	25.01 -4.18 0.02	26.72 -4.03 0.01	29.49 -4.49 0.02	28.75 -4.61 0.02	21.99 -4.05 0.96	19.89 -3.00 0.01	19.51 -2.22 0.00
HARZA MOOSE___RIVER 24016	21.47 0.09 0.00	19.45 0.08 0.00	18.13 0.09 0.00	18.75 0.11 0.00	20.07 0.10 0.00	20.94 0.08 0.00	22.15 0.09 0.00	22.60 0.05 0.00	21.78 0.02 0.00	22.30 0.04 0.00	22.28 0.02 0.00	21.86 0.02 0.00	21.35 -0.02 0.00	21.23 -0.02 0.00	21.30 0.00 0.00	23.24 0.05 0.00	29.38 0.18 0.00	31.96 0.37 -0.84	35.68 0.54 -1.15	33.87 0.50 0.00	28.06 0.30 -0.75	23.42 0.25 -0.28	22.77 0.24 -0.81
HDSNBRDG_115KV_BRDG_TB1 355580	21.34 -0.04 0.00	19.33 -0.04 0.00	17.98 -0.05 0.00	18.55 -0.09 0.00	19.75 -0.22 0.00	20.52 -0.33 0.00	21.67 -0.40 0.00	22.10 -0.45 0.00	21.39 -0.37 0.00	21.88 -0.38 0.00	21.90 -0.36 0.00	21.53 -0.31 0.00	21.05 -0.32 0.00	20.96 -0.30 0.00	20.98 -0.32 0.00	22.77 -0.42 0.00	28.62 -0.58 0.00	30.26 -0.49 0.00	33.45 -0.54 0.00	32.77 -0.60 0.00	26.44 -0.57 0.00	22.48 -0.41 0.00	21.49 -0.24 0.00
HELLGATE_13_KV_LD 55870	22.65 1.26 0.00	20.49 1.12 0.00	18.90 0.87 0.00	19.46 0.82 0.00	20.57 0.60 0.00	21.46 0.60 0.00	22.90 0.84 0.00	23.39 0.83 0.00	22.47 0.72 0.00	22.99 0.73 0.00	23.03 0.78 0.00	22.64 0.81 0.00	22.21 0.83 0.00	22.08 0.83 0.00	22.22 0.92 0.00	24.23 1.04 0.00	30.70 1.49 0.00	32.72 1.97 0.00	36.27 2.28 0.00	35.51 2.14 0.00	28.36 1.35 0.00	24.20 1.30 0.00	23.34 1.61 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	22.65 1.26 0.00	20.49 1.12 0.00	18.90 0.87 0.00	19.46 0.82 0.00	20.57 0.60 0.00	21.46 0.60 0.00	22.90 0.84 0.00	23.39 0.83 0.00	22.47 0.72 0.00	22.99 0.73 0.00	23.03 0.78 0.00	22.64 0.81 0.00	22.21 0.83 0.00	22.08 0.83 0.00	22.22 0.92 0.00	24.23 1.04 0.00	30.70 1.49 0.00	32.72 1.97 0.00	36.27 2.28 0.00	35.51 2.14 0.00	28.36 1.35 0.00	24.20 1.30 0.00	23.34 1.61 0.00
HEMPSTEAD____ 23647	22.84 1.45 0.00	20.61 1.24 0.00	18.99 0.96 0.00	19.50 0.86 0.00	20.73 0.76 0.00	21.75 0.90 0.00	25.10 1.26 -1.78	23.86 1.31 0.00	22.84 1.09 0.00	23.39 1.13 0.00	23.43 1.18 0.00	22.90 1.07 0.00	22.46 1.09 0.00	22.42 1.17 0.00	22.52 1.21 0.00	24.60 1.41 0.00	31.10 1.90 0.00	33.31 2.55 0.00	37.22 2.96 -0.27	36.04 2.67 0.00	32.15 1.95 -3.20	29.90 1.67 -5.33	23.51 1.78 0.00
HEWLETT__69_KV_BK3 55828	22.95 1.56 0.00	20.73 1.36 0.00	19.12 1.08 0.00	19.68 1.04 0.00	20.91 0.94 0.00	21.94 1.08 0.00	25.21 1.37 -1.78	23.97 1.42 0.00	23.02 1.26 0.00	23.51 1.25 0.00	23.50 1.25 0.00	23.01 1.18 0.00	22.59 1.22 0.00	22.49 1.23 0.00	22.62 1.32 0.00	24.72 1.53 0.00	31.31 2.10 0.00	33.43 2.68 0.00	37.36 3.09 -0.27	36.24 2.87 0.00	32.29 2.08 -3.20	30.08 1.85 -5.33	23.71 1.98 0.00
HICKLING___1 23621	21.90 0.51 0.00	19.82 0.45 0.00	18.40 0.36 0.00	18.92 0.28 0.00	20.07 0.10 0.00	20.86 0.00 0.00	22.13 0.07 0.00	22.49 -0.07 0.00	21.78 0.02 0.00	22.26 0.00 0.00	22.28 0.02 0.00	21.88 0.04 0.00	21.37 0.00 0.00	21.21 -0.04 0.00	21.26 -0.04 0.00	23.03 -0.16 0.00	28.93 -0.29 -0.02	30.89 0.12 -0.01	34.11 0.10 -0.02	33.26 -0.13 -0.02	27.35 -0.46 -0.80	22.86 -0.05 -0.01	21.93 0.20 0.00
HICKLING___2 23622	21.90 0.51 0.00	19.82 0.45 0.00	18.40 0.36 0.00	18.92 0.28 0.00	20.07 0.10 0.00	20.86 0.00 0.00	22.13 0.07 0.00	22.49 -0.07 0.00	21.78 0.02 0.00	22.26 0.00 0.00	22.28 0.02 0.00	21.88 0.04 0.00	21.37 0.00 0.00	21.21 -0.04 0.00	21.26 -0.04 0.00	23.03 -0.16 0.00	28.93 -0.29 -0.02	30.89 0.12 -0.01	34.11 0.10 -0.02	33.26 -0.13 -0.02	27.35 -0.46 -0.80	22.86 -0.05 -0.01	21.93 0.20 0.00
HIGH FALLS___HY 23754	22.52 1.13 0.00	20.38 1.01 0.00	18.81 0.78 0.00	19.39 0.75 0.00	20.57 0.60 0.00	21.50 0.65 0.00	22.92 0.86 0.00	23.39 0.83 0.00	22.47 0.72 0.00	22.95 0.69 0.00	22.92 0.67 0.00	22.51 0.68 0.00	22.06 0.68 0.00	21.94 0.68 0.00	22.07 0.77 0.00	24.14 0.95 0.00	30.64 1.43 0.00	32.72 1.97 0.00	36.27 2.28 0.00	35.61 2.24 0.00	28.42 1.40 0.00	24.15 1.26 0.00	23.12 1.39 0.00
HILLBURN___GT 23639	22.45 1.07 0.00	20.32 0.95 0.00	18.76 0.72 0.00	19.31 0.67 0.00	20.45 0.48 0.00	21.38 0.52 0.00	22.88 0.82 0.00	23.41 0.86 0.00	22.50 0.74 0.00	23.06 0.80 0.00	23.10 0.85 0.00	22.64 0.81 0.00	22.21 0.83 0.00	22.13 0.87 0.00	22.18 0.87 0.00	24.21 1.02 0.00	30.61 1.40 0.00	32.60 1.85 0.00	36.13 2.14 0.00	35.41 2.04 0.00	28.36 1.35 0.00	24.08 1.19 0.00	23.03 1.30 0.00
HILLSIDE_115KV_TB1 80332	21.58 0.19 0.00	19.53 0.15 0.00	18.15 0.11 0.00	18.66 0.02 0.00	19.81 -0.16 0.00	20.59 -0.27 0.00	21.86 -0.20 0.00	22.24 -0.32 0.00	21.52 -0.24 0.00	22.02 -0.24 0.00	22.03 -0.22 0.00	21.64 -0.20 0.00	21.12 -0.26 0.00	20.96 -0.30 0.00	21.00 -0.30 0.00	22.75 -0.44 0.00	28.58 -0.64 -0.02	30.49 -0.28 -0.01	33.63 -0.37 -0.02	32.82 -0.57 -0.02	26.94 -0.78 -0.71	22.61 -0.30 -0.01	21.69 -0.04 0.00

HISHELDN_WT_PWR 323625	20.02 -1.37 0.00	18.05 -1.32 0.00	16.74 -1.30 0.00	17.35 -1.29 0.00	18.29 -1.68 0.00	18.67 -2.19 0.00	19.70 -2.36 0.00	20.10 -2.46 0.00	19.78 -1.98 0.00	20.06 -2.20 0.00	19.96 -2.29 0.00	19.85 -1.99 0.00	19.22 -2.16 0.00	18.92 -2.34 0.00	19.04 -2.26 0.00	20.34 -2.85 0.00	25.31 -3.88 0.02	26.99 -3.75 0.01	29.62 -4.35 0.02	28.95 -4.41 0.02	22.17 -3.92 0.92	20.25 -2.63 0.01	19.71 -2.02 0.00
HOLTSVILLE_IC_1 23690	22.80 1.41 0.00	20.61 1.24 0.00	18.96 0.92 0.00	19.46 0.82 0.00	20.79 0.82 0.00	21.92 1.06 0.00	25.28 1.43 -1.78	23.93 1.38 0.00	22.74 0.98 0.00	23.26 1.00 0.00	23.26 1.00 0.00	22.71 0.87 0.00	22.27 0.90 0.00	22.26 1.00 0.00	22.35 1.04 0.00	24.49 1.30 0.00	30.96 1.75 0.00	33.24 2.49 0.00	37.15 2.89 -0.28	35.91 2.54 0.00	32.04 1.84 -3.20	29.85 1.63 -5.33	23.47 1.74 0.00
HOLTSVILLE_IC_10 23699	22.88 1.50 0.00	20.69 1.32 0.00	19.03 0.99 0.00	19.53 0.89 0.00	20.89 0.92 0.00	22.02 1.17 0.00	25.39 1.54 -1.78	24.02 1.47 0.00	22.82 1.07 0.00	23.33 1.07 0.00	23.32 1.07 0.00	22.77 0.94 0.00	22.34 0.96 0.00	22.34 1.08 0.00	22.43 1.13 0.00	24.58 1.39 0.00	31.10 1.90 0.00	33.43 2.67 0.00	37.36 3.09 -0.28	36.11 2.74 0.00	32.21 2.00 -3.20	29.97 1.74 -5.33	23.56 1.83 0.00
HOLTSVILLE_IC_2 23691	22.80 1.41 0.00	20.61 1.24 0.00	18.96 0.92 0.00	19.46 0.82 0.00	20.79 0.82 0.00	21.92 1.06 0.00	25.28 1.43 -1.78	23.93 1.38 0.00	22.74 0.98 0.00	23.26 1.00 0.00	23.26 1.00 0.00	22.71 0.87 0.00	22.27 0.90 0.00	22.26 1.00 0.00	22.35 1.04 0.00	24.49 1.30 0.00	30.96 1.75 0.00	33.24 2.49 0.00	37.15 2.89 -0.28	35.91 2.54 0.00	32.04 1.84 -3.20	29.85 1.63 -5.33	23.47 1.74 0.00
HOLTSVILLE_IC_3 23692	22.80 1.41 0.00	20.61 1.24 0.00	18.96 0.92 0.00	19.46 0.82 0.00	20.79 0.82 0.00	21.92 1.06 0.00	25.28 1.43 -1.78	23.93 1.38 0.00	22.74 0.98 0.00	23.26 1.00 0.00	23.26 1.00 0.00	22.71 0.87 0.00	22.27 0.90 0.00	22.26 1.00 0.00	22.35 1.04 0.00	24.49 1.30 0.00	30.96 1.75 0.00	33.24 2.49 0.00	37.15 2.89 -0.28	35.91 2.54 0.00	32.04 1.84 -3.20	29.85 1.63 -5.33	23.47 1.74 0.00
HOLTSVILLE_IC_4 23693	22.80 1.41 0.00	20.61 1.24 0.00	18.96 0.92 0.00	19.46 0.82 0.00	20.79 0.82 0.00	21.92 1.06 0.00	25.28 1.43 -1.78	23.93 1.38 0.00	22.74 0.98 0.00	23.26 1.00 0.00	23.26 1.00 0.00	22.71 0.87 0.00	22.27 0.90 0.00	22.26 1.00 0.00	22.35 1.04 0.00	24.49 1.30 0.00	30.96 1.75 0.00	33.24 2.49 0.00	37.15 2.89 -0.28	35.91 2.54 0.00	32.04 1.84 -3.20	29.85 1.63 -5.33	23.47 1.74 0.00
HOLTSVILLE_IC_5 23694	22.80 1.41 0.00	20.61 1.24 0.00	18.96 0.92 0.00	19.46 0.82 0.00	20.79 0.82 0.00	21.92 1.06 0.00	25.28 1.43 -1.78	23.93 1.38 0.00	22.74 0.98 0.00	23.26 1.00 0.00	23.26 1.00 0.00	22.71 0.87 0.00	22.27 0.90 0.00	22.26 1.00 0.00	22.35 1.04 0.00	24.49 1.30 0.00	30.96 1.75 0.00	33.24 2.49 0.00	37.15 2.89 -0.28	35.91 2.54 0.00	32.04 1.84 -3.20	29.85 1.63 -5.33	23.47 1.74 0.00
HOLTSVILLE_IC_6 23695	22.88 1.50 0.00	20.69 1.32 0.00	19.03 0.99 0.00	19.53 0.89 0.00	20.89 0.92 0.00	22.02 1.17 0.00	25.39 1.54 -1.78	24.02 1.47 0.00	22.82 1.07 0.00	23.33 1.07 0.00	23.32 1.07 0.00	22.77 0.94 0.00	22.34 0.96 0.00	22.34 1.08 0.00	22.43 1.13 0.00	24.58 1.39 0.00	31.10 1.90 0.00	33.43 2.67 0.00	37.36 3.09 -0.28	36.11 2.74 0.00	32.21 2.00 -3.20	29.97 1.74 -5.33	23.56 1.83 0.00
HOLTSVILLE_IC_7 23696	22.88 1.50 0.00	20.69 1.32 0.00	19.03 0.99 0.00	19.53 0.89 0.00	20.89 0.92 0.00	22.02 1.17 0.00	25.39 1.54 -1.78	24.02 1.47 0.00	22.82 1.07 0.00	23.33 1.07 0.00	23.32 1.07 0.00	22.77 0.94 0.00	22.34 0.96 0.00	22.34 1.08 0.00	22.43 1.13 0.00	24.58 1.39 0.00	31.10 1.90 0.00	33.43 2.67 0.00	37.36 3.09 -0.28	36.11 2.74 0.00	32.21 2.00 -3.20	29.97 1.74 -5.33	23.56 1.83 0.00
HOLTSVILLE_IC_8 23697	22.88 1.50 0.00	20.69 1.32 0.00	19.03 0.99 0.00	19.53 0.89 0.00	20.89 0.92 0.00	22.02 1.17 0.00	25.39 1.54 -1.78	24.02 1.47 0.00	22.82 1.07 0.00	23.33 1.07 0.00	23.32 1.07 0.00	22.77 0.94 0.00	22.34 0.96 0.00	22.34 1.08 0.00	22.43 1.13 0.00	24.58 1.39 0.00	31.10 1.90 0.00	33.43 2.67 0.00	37.36 3.09 -0.28	36.11 2.74 0.00	32.21 2.00 -3.20	29.97 1.74 -5.33	23.56 1.83 0.00
HOLTSVILLE_IC_9 23698	22.88 1.50 0.00	20.69 1.32 0.00	19.03 0.99 0.00	19.53 0.89 0.00	20.89 0.92 0.00	22.02 1.17 0.00	25.39 1.54 -1.78	24.02 1.47 0.00	22.82 1.07 0.00	23.33 1.07 0.00	23.32 1.07 0.00	22.77 0.94 0.00	22.34 0.96 0.00	22.34 1.08 0.00	22.43 1.13 0.00	24.58 1.39 0.00	31.10 1.90 0.00	33.43 2.67 0.00	37.36 3.09 -0.28	36.11 2.74 0.00	32.21 2.00 -3.20	29.97 1.74 -5.33	23.56 1.83 0.00
HOMER_HL_115KV_TB2 355744	21.02 -0.36 0.00	18.98 -0.39 0.00	17.57 -0.47 0.00	17.97 -0.67 0.00	19.03 -0.94 0.00	19.69 -1.17 0.00	21.07 -0.99 0.00	21.36 -1.20 0.00	20.80 -0.96 0.00	21.28 -0.98 0.00	21.34 -0.91 0.00	21.03 -0.81 0.00	20.39 -0.98 0.00	20.21 -1.04 0.00	20.15 -1.15 0.00	21.64 -1.55 0.00	26.75 -2.45 0.01	28.81 -1.94 0.00	31.57 -2.41 0.01	30.19 -3.17 0.01	23.31 -3.16 0.54	21.49 -1.40 0.00	20.88 -0.85 0.00
HOWARD_WT_PWR 323690	22.09 0.70 0.00	19.95 0.58 0.00	18.45 0.42 0.00	18.96 0.32 0.00	20.03 0.06 0.00	20.59 -0.27 0.00	21.67 -0.40 0.00	21.99 -0.56 0.00	21.28 -0.48 0.00	21.68 -0.58 0.00	21.65 -0.60 0.00	21.27 -0.57 0.00	20.78 -0.60 0.00	20.57 -0.68 0.00	20.66 -0.64 0.00	22.42 -0.76 0.00	28.26 -0.96 -0.02	30.21 -0.55 -0.01	33.36 -0.65 -0.02	32.59 -0.80 -0.02	26.76 -1.05 -0.81	22.29 -0.62 -0.01	21.36 -0.37 0.00
HQ_GEN_CEDARS 23644	20.63 -0.75 0.01	18.69 -0.68 0.01	17.53 -0.51 0.00	18.16 -0.48 0.00	19.73 -0.24 0.00	20.84 -0.02 0.00	22.02 -0.04 0.00	22.53 -0.02 0.00	21.71 -0.04 0.00	22.22 -0.04 0.00	22.21 -0.04 0.00	21.72 -0.11 0.00	21.29 -0.09 0.00	21.17 -0.09 0.00	21.17 -0.13 0.00	23.03 -0.16 0.00	28.74 -0.47 0.00	31.19 -0.83 -1.27	34.71 -0.99 -1.71	32.47 -0.90 0.00	27.71 -0.43 -1.13	22.99 -0.32 -0.42	22.35 -0.59 -1.21
HQ_GEN_CEDARS_PROXY 323590	20.63 -0.75 0.01	18.69 -0.68 0.01	17.53 -0.50 0.00	18.14 -0.50 0.00	19.71 -0.26 0.00	20.84 -0.02 0.00	22.02 -0.04 0.00	22.53 -0.02 0.00	21.71 -0.04 0.00	22.22 -0.04 0.00	22.21 -0.04 0.00	21.72 -0.11 0.00	21.29 -0.09 0.00	21.17 -0.08 0.00	21.17 -0.13 0.00	23.03 -0.16 0.00	28.74 -0.47 0.00	31.19 -0.83 -1.27	34.68 -1.02 -1.71	31.26 -0.90 1.21	28.91 -0.43 -2.34	23.01 -0.32 -0.44	22.33 -0.59 -1.19

HQ_GEN_IMPORT 323601	20.98 -0.41 0.00	19.00 -0.37 0.00	17.77 -0.27 0.00	18.40 -0.24 0.00	19.91 -0.06 0.00	20.86 0.00 0.00	22.04 -0.02 0.00	22.55 0.00 0.00	21.73 -0.02 0.00	22.24 -0.02 0.00	22.23 -0.02 0.00	21.79 -0.04 0.00	21.33 -0.04 0.00	21.21 -0.04 0.00	21.24 -0.06 0.00	23.10 -0.09 0.00	29.29 -0.17 -0.25	30.04 -0.46 0.25	33.37 -0.61 0.01	30.04 -0.50 2.83	29.68 -0.16 -2.83	30.01 -0.21 -7.32	14.02 -0.39 7.32
HQ_GEN_WHEEL 23651	20.98 -0.41 0.00	19.00 -0.37 0.00	17.77 -0.27 0.00	18.40 -0.24 0.00	19.91 -0.06 0.00	20.86 0.00 0.00	22.04 -0.02 0.00	22.55 0.00 0.00	21.73 -0.02 0.00	22.24 -0.02 0.00	22.23 -0.02 0.00	21.79 -0.04 0.00	21.33 -0.04 0.00	21.21 -0.04 0.00	21.24 -0.06 0.00	23.10 -0.09 0.00	29.29 -0.17 -0.25	30.04 -0.46 0.25	33.37 -0.61 0.01	30.04 -0.50 2.83	29.68 -0.16 -2.83	30.01 -0.21 -7.32	14.02 -0.39 7.32
HUDSON AVE_GT_3 23810	22.52 1.13 0.00	20.38 1.01 0.00	18.81 0.78 0.00	19.39 0.75 0.00	20.51 0.54 0.00	21.46 0.60 0.00	22.92 0.86 0.00	23.43 0.88 0.00	22.54 0.78 0.00	23.04 0.78 0.00	23.08 0.82 0.00	22.68 0.85 0.00	22.25 0.88 0.00	22.13 0.87 0.00	22.24 0.94 0.00	24.28 1.09 0.00	30.75 1.55 0.00	32.78 2.03 0.00	36.34 2.35 0.00	35.57 2.20 0.00	28.44 1.43 0.00	24.25 1.35 0.00	23.25 1.52 0.00
HUDSON AVE_GT_4 23540	22.52 1.13 0.00	20.38 1.01 0.00	18.81 0.78 0.00	19.39 0.75 0.00	20.51 0.54 0.00	21.46 0.60 0.00	22.92 0.86 0.00	23.43 0.88 0.00	22.54 0.78 0.00	23.04 0.78 0.00	23.08 0.82 0.00	22.68 0.85 0.00	22.25 0.88 0.00	22.13 0.87 0.00	22.24 0.94 0.00	24.28 1.09 0.00	30.75 1.55 0.00	32.78 2.03 0.00	36.34 2.35 0.00	35.57 2.20 0.00	28.44 1.43 0.00	24.25 1.35 0.00	23.25 1.52 0.00
HUDSON AVE_GT_5 23657	22.52 1.13 0.00	20.38 1.01 0.00	18.81 0.78 0.00	19.39 0.75 0.00	20.51 0.54 0.00	21.46 0.60 0.00	22.92 0.86 0.00	23.43 0.88 0.00	22.54 0.78 0.00	23.04 0.78 0.00	23.08 0.82 0.00	22.68 0.85 0.00	22.25 0.88 0.00	22.13 0.87 0.00	22.24 0.94 0.00	24.28 1.09 0.00	30.75 1.55 0.00	32.78 2.03 0.00	36.34 2.35 0.00	35.57 2.20 0.00	28.44 1.43 0.00	24.25 1.35 0.00	23.25 1.52 0.00
HUDSON_AVE_10 24168	22.48 1.09 0.00	20.32 0.95 0.00	18.76 0.72 0.00	19.33 0.69 0.00	20.47 0.50 0.00	21.42 0.56 0.00	22.88 0.82 0.00	23.41 0.86 0.00	22.50 0.74 0.00	23.02 0.76 0.00	23.03 0.78 0.00	22.64 0.81 0.00	22.23 0.85 0.00	22.08 0.83 0.00	22.22 0.92 0.00	24.23 1.04 0.00	30.70 1.49 0.00	32.75 2.00 0.00	36.30 2.31 0.00	35.54 2.17 0.00	28.39 1.38 0.00	24.20 1.30 0.00	23.21 1.48 0.00
HUDSON___115KV_TB 4 355613	22.54 1.15 0.00	20.38 1.01 0.00	18.90 0.87 0.00	19.53 0.89 0.00	20.73 0.76 0.00	21.67 0.81 0.00	22.92 0.86 0.00	23.43 0.88 0.00	22.54 0.78 0.00	23.06 0.80 0.00	23.03 0.78 0.00	22.58 0.74 0.00	22.12 0.75 0.00	22.00 0.74 0.00	22.09 0.79 0.00	24.19 1.00 0.00	30.61 1.40 0.00	32.51 1.75 0.00	36.13 2.14 0.00	35.41 2.04 0.00	28.39 1.38 0.00	24.04 1.14 0.00	22.95 1.22 0.00
HUNTER MOUNT___DRP 323613	22.65 1.26 0.00	20.48 1.10 0.00	19.00 0.96 0.00	19.63 0.99 0.00	20.85 0.88 0.00	21.77 0.92 0.00	23.01 0.95 0.00	23.50 0.95 0.00	22.60 0.85 0.00	23.13 0.87 0.00	23.10 0.85 0.00	22.62 0.79 0.00	22.14 0.77 0.00	22.04 0.79 0.00	22.11 0.81 0.00	24.23 1.04 0.00	30.67 1.46 0.00	32.63 1.88 0.00	36.30 2.31 0.00	35.57 2.20 0.00	28.50 1.49 0.00	24.11 1.21 0.00	22.99 1.26 0.00
HUNTINGTON_RES_REC 323705	22.95 1.56 0.00	20.73 1.36 0.00	19.08 1.05 0.00	19.59 0.95 0.00	20.87 0.90 0.00	21.94 1.08 0.00	25.32 1.48 -1.78	24.04 1.49 0.00	22.93 1.17 0.00	23.46 1.20 0.00	23.50 1.25 0.00	22.95 1.11 0.00	22.53 1.15 0.00	22.51 1.25 0.00	22.60 1.30 0.00	24.74 1.55 0.00	31.28 2.07 0.00	33.55 2.80 0.00	37.50 3.23 -0.28	36.27 2.90 0.00	32.32 2.11 -3.20	30.06 1.83 -5.33	23.64 1.91 0.00
HUNTLEY___63 23557	19.95 -1.43 0.00	18.00 -1.38 0.00	16.74 -1.30 0.00	17.07 -1.57 0.00	18.07 -1.90 0.00	18.69 -2.17 0.00	19.86 -2.21 0.00	20.05 -2.50 0.00	19.47 -2.28 0.00	20.01 -2.25 0.00	20.14 -2.11 0.00	19.87 -1.96 0.00	19.22 -2.16 0.00	19.19 -2.06 0.00	19.04 -2.26 0.00	20.34 -2.85 0.00	25.22 -3.97 0.02	26.93 -3.81 0.01	29.72 -4.25 0.02	28.95 -4.41 0.02	22.12 -3.94 0.94	20.05 -2.84 0.01	19.67 -2.06 0.00
HUNTLEY___64 23558	19.95 -1.43 0.00	18.00 -1.38 0.00	16.74 -1.30 0.00	17.07 -1.57 0.00	18.07 -1.90 0.00	18.69 -2.17 0.00	19.86 -2.21 0.00	20.05 -2.50 0.00	19.47 -2.28 0.00	20.01 -2.25 0.00	20.14 -2.11 0.00	19.87 -1.96 0.00	19.22 -2.16 0.00	19.19 -2.06 0.00	19.04 -2.26 0.00	20.34 -2.85 0.00	25.22 -3.97 0.02	26.93 -3.81 0.01	29.72 -4.25 0.02	28.95 -4.41 0.02	22.12 -3.94 0.94	20.05 -2.84 0.01	19.67 -2.06 0.00
HUNTLEY___65 23559	19.95 -1.43 0.00	18.00 -1.38 0.00	16.74 -1.30 0.00	17.07 -1.57 0.00	18.07 -1.90 0.00	18.69 -2.17 0.00	19.86 -2.21 0.00	20.05 -2.50 0.00	19.47 -2.28 0.00	20.01 -2.25 0.00	20.14 -2.11 0.00	19.87 -1.96 0.00	19.22 -2.16 0.00	19.19 -2.06 0.00	19.04 -2.26 0.00	20.34 -2.85 0.00	25.22 -3.97 0.02	26.93 -3.81 0.01	29.72 -4.25 0.02	28.95 -4.41 0.02	22.12 -3.94 0.94	20.05 -2.84 0.01	19.67 -2.06 0.00
HUNTLEY___66 23560	19.95 -1.43 0.00	18.00 -1.38 0.00	16.74 -1.30 0.00	17.07 -1.57 0.00	18.07 -1.90 0.00	18.69 -2.17 0.00	19.86 -2.21 0.00	20.05 -2.50 0.00	19.47 -2.28 0.00	20.01 -2.25 0.00	20.14 -2.11 0.00	19.87 -1.96 0.00	19.22 -2.16 0.00	19.19 -2.06 0.00	19.04 -2.26 0.00	20.34 -2.85 0.00	25.22 -3.97 0.02	26.93 -3.81 0.01	29.72 -4.25 0.02	28.95 -4.41 0.02	22.12 -3.94 0.94	20.05 -2.84 0.01	19.67 -2.06 0.00
HUNTLEY___67 23561	19.95 -1.43 0.00	18.02 -1.36 0.00	16.78 -1.26 0.00	17.09 -1.55 0.00	18.09 -1.88 0.00	18.73 -2.13 0.00	19.90 -2.16 0.00	20.09 -2.46 0.00	19.54 -2.22 0.00	20.06 -2.20 0.00	20.18 -2.07 0.00	19.89 -1.94 0.00	19.26 -2.12 0.00	19.24 -2.02 0.00	19.06 -2.24 0.00	20.36 -2.83 0.00	25.28 -3.91 0.02	26.99 -3.75 0.01	29.76 -4.21 0.02	28.95 -4.41 0.02	22.17 -3.89 0.95	20.09 -2.79 0.01	19.69 -2.04 0.00
HUNTLEY___68 23562	19.95 -1.43 0.00	18.02 -1.36 0.00	16.78 -1.26 0.00	17.09 -1.55 0.00	18.09 -1.88 0.00	18.73 -2.13 0.00	19.90 -2.16 0.00	20.09 -2.46 0.00	19.54 -2.22 0.00	20.06 -2.20 0.00	20.18 -2.07 0.00	19.89 -1.94 0.00	19.26 -2.12 0.00	19.24 -2.02 0.00	19.06 -2.24 0.00	20.36 -2.83 0.00	25.28 -3.91 0.02	26.99 -3.75 0.01	29.76 -4.21 0.02	28.95 -4.41 0.02	22.17 -3.89 0.95	20.09 -2.79 0.01	19.69 -2.04 0.00

HYLAND___LFGE 323620	21.92 0.53 0.00	19.80 0.43 0.00	18.36 0.33 0.00	19.01 0.37 0.00	20.13 0.16 0.00	20.82 -0.04 0.00	21.69 -0.38 0.00	21.76 -0.79 0.00	20.99 -0.76 0.00	21.28 -0.98 0.00	21.19 -1.07 0.00	20.90 -0.94 0.00	20.35 -1.03 0.00	20.24 -1.02 0.00	20.32 -0.98 0.00	22.17 -1.02 0.00	28.07 -1.14 0.00	30.39 -0.37 0.00	34.06 0.07 0.00	33.48 0.10 0.00	26.85 -0.32 -0.16	22.76 -0.14 0.00	21.84 0.11 0.00
INDECK___CORINTH 23802	22.41 1.03 0.00	20.22 0.85 0.00	18.76 0.72 0.00	19.39 0.75 0.00	20.61 0.64 0.00	21.52 0.67 0.00	22.92 0.86 0.00	23.43 0.88 0.00	22.65 0.89 0.00	23.17 0.91 0.00	23.17 0.91 0.00	22.66 0.83 0.00	22.19 0.81 0.00	22.11 0.85 0.00	22.13 0.83 0.00	24.19 1.00 0.00	30.58 1.37 0.00	32.48 1.72 0.00	36.13 2.14 0.00	35.31 1.93 0.00	28.31 1.30 0.00	23.93 1.03 0.00	22.79 1.06 0.00
INDECK___ILION 23567	21.56 0.17 0.00	19.53 0.15 0.00	18.20 0.16 0.00	18.83 0.19 0.00	20.17 0.20 0.00	21.07 0.21 0.00	22.28 0.22 0.00	22.76 0.20 0.00	21.93 0.17 0.00	22.44 0.18 0.00	22.41 0.16 0.00	21.96 0.13 0.00	21.50 0.13 0.00	21.36 0.11 0.00	21.43 0.13 0.00	23.33 0.14 0.00	29.44 0.23 0.00	31.12 0.37 0.00	34.43 0.44 0.00	33.77 0.40 0.00	27.25 0.24 0.00	23.10 0.21 0.00	21.97 0.24 0.00
INDECK___OLEAN 23982	21.02 -0.36 0.00	19.00 -0.37 0.00	17.57 -0.47 0.00	18.17 -0.47 0.00	19.15 -0.82 0.00	19.65 -1.21 0.00	20.94 -1.12 0.00	21.36 -1.20 0.00	20.95 -0.80 0.00	21.30 -0.96 0.00	21.21 -1.05 0.00	21.03 -0.81 0.00	20.39 -0.98 0.00	20.05 -1.21 0.00	20.15 -1.15 0.00	21.64 -1.55 0.00	26.83 -2.36 0.01	28.75 -2.00 0.00	31.47 -2.51 0.01	30.23 -3.14 0.01	23.42 -3.05 0.54	21.56 -1.33 0.00	20.86 -0.87 0.00
INDECK___OSWEGO 23783	21.17 -0.21 0.00	19.18 -0.19 0.00	17.84 -0.20 0.00	18.45 -0.19 0.00	19.65 -0.32 0.00	20.46 -0.40 0.00	21.49 -0.57 0.00	21.94 -0.61 0.00	21.23 -0.52 0.00	21.70 -0.56 0.00	21.68 -0.58 0.00	21.31 -0.52 0.00	20.84 -0.53 0.00	20.68 -0.57 0.00	20.75 -0.55 0.00	22.54 -0.65 0.00	28.39 -0.82 0.00	30.08 -0.68 0.00	33.27 -0.72 0.00	32.64 -0.73 0.00	26.28 -0.73 0.00	22.34 -0.55 0.00	21.38 -0.35 0.00
INDECK___YERKES 23781	19.95 -1.43 0.00	18.03 -1.34 0.00	16.76 -1.28 0.00	17.39 -1.25 0.00	18.31 -1.66 0.00	18.69 -2.17 0.00	19.68 -2.38 0.00	20.07 -2.48 0.00	19.75 -2.00 0.00	20.06 -2.20 0.00	19.96 -2.29 0.00	19.87 -1.96 0.00	19.24 -2.14 0.00	18.92 -2.34 0.00	19.07 -2.24 0.00	20.36 -2.83 0.00	25.33 -3.86 0.02	26.99 -3.75 0.01	29.66 -4.32 0.02	29.05 -4.30 0.02	22.23 -3.84 0.94	20.25 -2.63 0.01	19.73 -2.00 0.00
INDIAN POINT_GT_1 24139	22.45 1.07 0.00	20.32 0.95 0.00	18.78 0.74 0.00	19.35 0.71 0.00	20.49 0.52 0.00	21.44 0.58 0.00	22.88 0.82 0.00	23.41 0.86 0.00	22.52 0.76 0.00	23.02 0.76 0.00	23.03 0.78 0.00	22.62 0.79 0.00	22.19 0.81 0.00	22.04 0.79 0.00	22.15 0.85 0.00	24.19 1.00 0.00	30.64 1.43 0.00	32.63 1.88 0.00	36.17 2.18 0.00	35.44 2.07 0.00	28.36 1.35 0.00	24.13 1.24 0.00	23.12 1.39 0.00
INDIAN POINT_GT_2 23659	22.45 1.07 0.00	20.32 0.95 0.00	18.78 0.74 0.00	19.35 0.71 0.00	20.49 0.52 0.00	21.44 0.58 0.00	22.88 0.82 0.00	23.41 0.86 0.00	22.52 0.76 0.00	23.02 0.76 0.00	23.03 0.78 0.00	22.62 0.79 0.00	22.19 0.81 0.00	22.04 0.79 0.00	22.15 0.85 0.00	24.19 1.00 0.00	30.64 1.43 0.00	32.63 1.88 0.00	36.17 2.18 0.00	35.44 2.07 0.00	28.36 1.35 0.00	24.13 1.24 0.00	23.12 1.39 0.00
INDIAN POINT_GT_3 24019	22.45 1.07 0.00	20.32 0.95 0.00	18.78 0.74 0.00	19.35 0.71 0.00	20.49 0.52 0.00	21.44 0.58 0.00	22.88 0.82 0.00	23.41 0.86 0.00	22.52 0.76 0.00	23.02 0.76 0.00	23.03 0.78 0.00	22.62 0.79 0.00	22.19 0.81 0.00	22.04 0.79 0.00	22.15 0.85 0.00	24.19 1.00 0.00	30.64 1.43 0.00	32.63 1.88 0.00	36.17 2.18 0.00	35.44 2.07 0.00	28.36 1.35 0.00	24.13 1.24 0.00	23.12 1.39 0.00
INDIAN POINT___2 23530	22.43 1.05 0.00	20.30 0.93 0.00	18.74 0.70 0.00	19.27 0.63 0.00	20.43 0.46 0.00	21.36 0.50 0.00	22.86 0.79 0.00	23.39 0.83 0.00	22.45 0.70 0.00	23.02 0.76 0.00	23.05 0.80 0.00	22.60 0.76 0.00	22.17 0.79 0.00	22.08 0.83 0.00	22.13 0.83 0.00	24.16 0.97 0.00	30.55 1.34 0.00	32.54 1.78 0.00	36.10 2.11 0.00	35.34 1.97 0.00	28.31 1.30 0.00	24.04 1.14 0.00	23.01 1.28 0.00
INDIAN POINT___3 23531	22.43 1.05 0.00	20.30 0.93 0.00	18.76 0.72 0.00	19.33 0.69 0.00	20.49 0.52 0.00	21.44 0.58 0.00	22.86 0.79 0.00	23.39 0.83 0.00	22.50 0.74 0.00	23.02 0.76 0.00	23.03 0.78 0.00	22.62 0.79 0.00	22.17 0.79 0.00	22.04 0.79 0.00	22.15 0.85 0.00	24.19 1.00 0.00	30.61 1.40 0.00	32.60 1.85 0.00	36.13 2.14 0.00	35.41 2.04 0.00	28.33 1.32 0.00	24.11 1.21 0.00	23.10 1.37 0.00
INGHAM_C_115KV_TB7 356103	21.41 0.02 0.00	19.43 0.06 0.00	18.13 0.09 0.00	18.83 0.19 0.00	20.21 0.24 0.00	21.15 0.29 0.00	22.35 0.29 0.00	22.78 0.23 0.00	21.91 0.15 0.00	22.39 0.13 0.00	22.32 0.07 0.00	21.86 0.02 0.00	21.37 0.00 0.00	21.23 -0.02 0.00	21.28 -0.02 0.00	23.17 -0.02 0.00	29.24 0.03 0.00	30.94 0.18 0.00	34.26 0.27 0.00	33.61 0.23 0.00	27.12 0.11 0.00	22.99 0.09 0.00	21.84 0.11 0.00
IP CORINTH___1 23988	22.41 1.03 0.00	20.22 0.85 0.00	18.76 0.72 0.00	19.40 0.76 0.00	20.63 0.66 0.00	21.59 0.73 0.00	22.90 0.84 0.00	23.43 0.88 0.00	22.65 0.89 0.00	23.17 0.91 0.00	23.17 0.91 0.00	22.66 0.83 0.00	22.19 0.81 0.00	22.08 0.83 0.00	22.13 0.83 0.00	24.19 1.00 0.00	30.58 1.37 0.00	32.48 1.72 0.00	36.13 2.14 0.00	35.34 1.97 0.00	28.33 1.32 0.00	23.92 1.03 0.00	22.84 1.11 0.00
IP___TICONDEROGA 23804	23.08 1.69 0.00	20.77 1.39 0.00	19.23 1.19 0.00	19.93 1.29 0.00	21.17 1.20 0.00	22.19 1.33 0.00	23.59 1.52 0.00	24.11 1.56 0.00	23.32 1.57 0.00	23.82 1.56 0.00	23.81 1.56 0.00	23.25 1.42 0.00	22.79 1.41 0.00	22.68 1.42 0.00	22.69 1.38 0.00	24.81 1.62 0.00	31.40 2.19 0.00	33.43 2.68 0.00	37.32 3.33 0.00	36.44 3.07 0.00	29.12 2.11 0.00	24.54 1.65 0.00	23.43 1.69 0.00
ISLIP_RES_REC 323679	22.97 1.58 0.00	20.77 1.40 0.00	19.08 1.05 0.00	19.59 0.95 0.00	20.95 0.98 0.00	22.09 1.23 0.00	25.48 1.63 -1.78	24.11 1.55 0.00	22.89 1.13 0.00	23.42 1.16 0.00	23.41 1.16 0.00	22.86 1.03 0.00	22.42 1.05 0.00	22.40 1.15 0.00	22.52 1.21 0.00	24.67 1.49 0.00	31.22 2.01 0.00	33.58 2.83 0.00	37.53 3.26 -0.28	36.27 2.90 0.00	32.34 2.13 -3.20	30.08 1.85 -5.33	23.66 1.93 0.00

JAMAICA__27_KV_LOAD 355505	22.54 1.15 0.00	20.40 1.03 0.00	18.81 0.78 0.00	19.39 0.75 0.00	20.53 0.56 0.00	21.50 0.65 0.00	22.99 0.93 0.00	23.55 0.99 0.00	22.60 0.85 0.00	23.15 0.89 0.00	23.17 0.91 0.00	22.77 0.94 0.00	22.34 0.96 0.00	22.21 0.96 0.00	22.35 1.04 0.00	24.39 1.21 0.00	30.93 1.72 0.00	33.00 2.25 0.00	36.61 2.62 0.00	35.84 2.47 0.00	28.58 1.57 0.00	24.31 1.42 0.00	23.32 1.59 0.00
JANIS__SOLAR 323808	22.41 1.03 0.00	20.44 1.06 0.00	18.94 0.90 0.00	19.63 0.99 0.00	20.95 0.98 0.00	21.77 0.92 0.00	22.99 0.93 0.00	23.34 0.79 0.00	22.47 0.72 0.00	22.95 0.69 0.00	22.86 0.60 0.00	22.47 0.63 0.00	21.91 0.53 0.00	21.79 0.53 0.00	21.88 0.58 0.00	23.84 0.65 0.00	30.20 0.99 0.00	32.26 1.51 0.00	35.76 1.77 0.00	35.01 1.63 0.00	28.16 1.00 -0.15	23.86 0.96 0.00	22.79 1.06 0.00
JARVIS____ 23743	21.56 0.17 0.00	19.53 0.15 0.00	18.17 0.13 0.00	18.75 0.11 0.00	20.05 0.08 0.00	20.92 0.06 0.00	22.15 0.09 0.00	22.64 0.09 0.00	21.82 0.07 0.00	22.35 0.09 0.00	22.32 0.07 0.00	21.92 0.09 0.00	21.46 0.09 0.00	21.34 0.09 0.00	21.39 0.09 0.00	23.31 0.12 0.00	29.38 0.18 0.00	31.03 0.28 0.00	34.33 0.34 0.00	33.67 0.30 0.00	27.17 0.16 0.00	23.06 0.16 0.00	21.93 0.20 0.00
JENNISON____1 23625	22.60 1.22 0.00	20.57 1.20 0.00	19.07 1.03 0.00	19.70 1.06 0.00	21.01 1.04 0.00	21.88 1.02 0.00	23.23 1.17 0.00	23.68 1.13 0.00	22.84 1.09 0.00	23.44 1.18 0.00	23.41 1.16 0.00	23.01 1.18 0.00	22.42 1.05 0.00	22.32 1.06 0.00	22.37 1.07 0.00	24.30 1.11 0.00	30.64 1.43 0.00	32.63 1.88 0.00	36.14 2.14 0.00	35.31 1.94 0.00	28.43 1.27 -0.15	24.11 1.21 0.00	23.03 1.30 0.00
JENNISON____2 23626	22.60 1.22 0.00	20.57 1.20 0.00	19.07 1.03 0.00	19.70 1.06 0.00	21.01 1.04 0.00	21.88 1.02 0.00	23.23 1.17 0.00	23.68 1.13 0.00	22.84 1.09 0.00	23.44 1.18 0.00	23.41 1.16 0.00	23.01 1.18 0.00	22.42 1.05 0.00	22.32 1.06 0.00	22.37 1.07 0.00	24.30 1.11 0.00	30.64 1.43 0.00	32.63 1.88 0.00	36.14 2.14 0.00	35.31 1.94 0.00	28.43 1.27 -0.15	24.11 1.21 0.00	23.03 1.30 0.00
JERICOHO_RISE_WT_PWR 323719	19.95 -1.43 0.01	18.01 -1.36 0.01	17.34 -0.70 0.00	17.60 -1.04 0.00	19.35 -0.62 0.00	20.65 -0.21 0.00	21.75 -0.31 0.00	22.28 -0.27 0.00	21.54 -0.22 0.00	22.11 -0.15 0.00	22.08 -0.18 0.00	21.51 -0.33 0.00	21.03 -0.34 0.00	20.81 -0.45 0.00	20.64 -0.66 0.00	22.26 -0.93 0.00	27.81 -1.40 0.00	-1.76 -2.00 30.52	-9.95 -2.18 41.77	31.24 -2.14 0.00	-1.68 -1.46 27.23	11.53 -1.33 10.04	-9.09 -1.56 29.26
KATONAH__115KV_46KV_TB4 355592	22.60 1.22 0.00	20.46 1.08 0.00	18.89 0.85 0.00	19.44 0.80 0.00	20.59 0.62 0.00	21.55 0.69 0.00	23.01 0.95 0.00	23.55 0.99 0.00	22.65 0.89 0.00	23.15 0.89 0.00	23.14 0.89 0.00	22.75 0.92 0.00	22.27 0.90 0.00	22.15 0.89 0.00	22.26 0.96 0.00	24.33 1.14 0.00	30.81 1.61 0.00	32.82 2.06 0.00	36.40 2.41 0.00	35.64 2.27 0.00	28.52 1.51 0.00	24.22 1.33 0.00	23.19 1.46 0.00
KCE_NY_1 323755	22.43 1.05 0.00	20.26 0.89 0.00	18.81 0.78 0.00	19.40 0.76 0.00	20.63 0.66 0.00	21.52 0.67 0.00	22.90 0.84 0.00	23.41 0.86 0.00	22.58 0.83 0.00	23.13 0.87 0.00	23.12 0.87 0.00	22.64 0.81 0.00	22.17 0.79 0.00	22.08 0.83 0.00	22.13 0.83 0.00	24.19 1.00 0.00	30.55 1.34 0.00	32.38 1.63 0.00	36.00 2.00 0.00	35.21 1.83 0.00	28.28 1.27 0.00	23.93 1.03 0.00	22.82 1.09 0.00
KCE_NY_6_ESR 323823	20.30 -1.09 0.00	18.32 -1.05 0.00	17.01 -1.03 0.00	17.63 -1.01 0.00	18.57 -1.40 0.00	18.98 -1.88 0.00	20.03 -2.03 0.00	20.43 -2.12 0.00	20.10 -1.65 0.00	20.41 -1.85 0.00	20.32 -1.94 0.00	20.22 -1.62 0.00	19.56 -1.82 0.00	19.24 -2.02 0.00	19.38 -1.92 0.00	20.71 -2.48 0.00	25.74 -3.45 0.02	27.46 -3.29 0.01	30.13 -3.84 0.02	29.39 -3.97 0.02	22.54 -3.59 0.88	20.62 -2.27 0.01	20.06 -1.67 0.00
KEDC PORT_JEFF_GT2 24210	22.88 1.50 0.00	20.67 1.30 0.00	19.01 0.97 0.00	19.52 0.88 0.00	20.87 0.90 0.00	22.00 1.15 0.00	25.36 1.52 -1.78	24.02 1.47 0.00	22.82 1.07 0.00	23.33 1.07 0.00	23.32 1.07 0.00	22.77 0.94 0.00	22.36 0.98 0.00	22.34 1.08 0.00	22.45 1.15 0.00	24.58 1.39 0.00	31.10 1.90 0.00	33.40 2.65 0.00	37.33 3.06 -0.28	36.07 2.70 0.00	32.18 1.97 -3.20	29.95 1.72 -5.33	23.56 1.83 0.00
KEDC PORT_JEFF_GT3 24211	22.88 1.50 0.00	20.67 1.30 0.00	19.01 0.97 0.00	19.52 0.88 0.00	20.87 0.90 0.00	22.00 1.15 0.00	25.36 1.52 -1.78	24.02 1.47 0.00	22.82 1.07 0.00	23.33 1.07 0.00	23.32 1.07 0.00	22.77 0.94 0.00	22.36 0.98 0.00	22.34 1.08 0.00	22.45 1.15 0.00	24.58 1.39 0.00	31.10 1.90 0.00	33.40 2.65 0.00	37.33 3.06 -0.28	36.07 2.70 0.00	32.18 1.97 -3.20	29.95 1.72 -5.33	23.56 1.83 0.00
KEDC_GLWD_GT4 24219	22.99 1.60 0.00	20.75 1.38 0.00	19.10 1.06 0.00	19.63 0.99 0.00	20.85 0.88 0.00	21.88 1.02 0.00	25.26 1.41 -1.78	24.02 1.47 0.00	23.02 1.26 0.00	23.55 1.29 0.00	23.59 1.34 0.00	23.08 1.24 0.00	22.64 1.26 0.00	22.60 1.34 0.00	22.69 1.38 0.00	24.79 1.60 0.00	31.34 2.13 0.00	33.52 2.77 0.00	37.50 3.23 -0.27	36.31 2.94 0.00	32.34 2.13 -3.20	30.08 1.85 -5.33	23.66 1.93 0.00
KEDC_GLWD_GT5 24220	22.99 1.60 0.00	20.75 1.38 0.00	19.10 1.06 0.00	19.63 0.99 0.00	20.85 0.88 0.00	21.88 1.02 0.00	25.26 1.41 -1.78	24.02 1.47 0.00	23.02 1.26 0.00	23.55 1.29 0.00	23.59 1.34 0.00	23.08 1.24 0.00	22.64 1.26 0.00	22.60 1.34 0.00	22.69 1.38 0.00	24.79 1.60 0.00	31.34 2.13 0.00	33.52 2.77 0.00	37.50 3.23 -0.27	36.31 2.94 0.00	32.34 2.13 -3.20	30.08 1.85 -5.33	23.66 1.93 0.00
KENSICO____ 23655	22.50 1.11 0.00	20.36 0.99 0.00	18.81 0.78 0.00	19.39 0.75 0.00	20.53 0.56 0.00	21.50 0.65 0.00	22.92 0.86 0.00	23.45 0.90 0.00	22.56 0.80 0.00	23.08 0.82 0.00	23.08 0.82 0.00	22.66 0.83 0.00	22.23 0.85 0.00	22.11 0.85 0.00	22.22 0.92 0.00	24.26 1.07 0.00	30.70 1.49 0.00	32.69 1.94 0.00	36.27 2.28 0.00	35.51 2.14 0.00	28.42 1.40 0.00	24.18 1.28 0.00	23.16 1.43 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	22.58 1.20 0.00	20.42 1.05 0.00	18.87 0.83 0.00	19.44 0.80 0.00	20.63 0.66 0.00	21.57 0.71 0.00	22.97 0.90 0.00	23.43 0.88 0.00	22.52 0.76 0.00	22.99 0.73 0.00	22.97 0.71 0.00	22.55 0.72 0.00	22.10 0.73 0.00	21.98 0.72 0.00	22.09 0.79 0.00	24.19 1.00 0.00	30.70 1.49 0.00	32.78 2.03 0.00	36.37 2.38 0.00	35.67 2.30 0.00	28.50 1.49 0.00	24.20 1.30 0.00	23.16 1.43 0.00

KIAC_JFK_GT1 23816	22.48 1.09 0.00	20.36 0.99 0.00	18.78 0.74 0.00	19.33 0.69 0.00	20.49 0.52 0.00	21.46 0.60 0.00	22.95 0.88 0.00	23.48 0.92 0.00	22.56 0.80 0.00	23.08 0.82 0.00	23.12 0.87 0.00	22.71 0.87 0.00	22.29 0.92 0.00	22.17 0.91 0.00	22.30 1.00 0.00	24.33 1.14 0.00	30.84 1.64 0.00	32.91 2.15 0.00	36.47 2.48 0.00	35.74 2.37 0.00	28.50 1.49 0.00	24.25 1.35 0.00	23.25 1.52 0.00
KIAC_JFK_GT2 23817	22.48 1.09 0.00	20.36 0.99 0.00	18.78 0.74 0.00	19.33 0.69 0.00	20.49 0.52 0.00	21.46 0.60 0.00	22.95 0.88 0.00	23.48 0.92 0.00	22.56 0.80 0.00	23.08 0.82 0.00	23.12 0.87 0.00	22.71 0.87 0.00	22.29 0.92 0.00	22.17 0.91 0.00	22.30 1.00 0.00	24.33 1.14 0.00	30.84 1.64 0.00	32.91 2.15 0.00	36.47 2.48 0.00	35.74 2.37 0.00	28.50 1.49 0.00	24.25 1.35 0.00	23.25 1.52 0.00
KIAC_JFK____ 323774	22.48 1.09 0.00	20.34 0.97 0.00	18.76 0.72 0.00	19.29 0.65 0.00	20.41 0.44 0.00	21.38 0.52 0.00	22.92 0.86 0.00	23.48 0.93 0.00	22.52 0.76 0.00	23.08 0.82 0.00	23.17 0.91 0.00	22.71 0.87 0.00	22.29 0.92 0.00	22.26 1.00 0.00	22.30 1.00 0.00	24.32 1.14 0.00	30.81 1.61 0.00	32.87 2.12 0.00	36.47 2.48 0.00	35.64 2.27 0.00	28.47 1.46 0.00	24.18 1.28 0.00	23.16 1.43 0.00
KINTIGH____ 23543	19.89 -1.50 0.00	17.98 -1.39 0.00	16.76 -1.28 0.00	17.13 -1.51 0.00	18.17 -1.80 0.00	18.83 -2.02 0.00	19.99 -2.07 0.00	20.23 -2.32 0.00	19.62 -2.13 0.00	20.15 -2.11 0.00	20.25 -2.00 0.00	19.96 -1.88 0.00	19.34 -2.03 0.00	19.32 -1.93 0.00	19.19 -2.11 0.00	20.55 -2.64 0.00	25.62 -3.56 0.02	27.27 -3.48 0.01	30.10 -3.87 0.02	29.55 -3.80 0.02	23.04 -3.27 0.70	20.25 -2.63 0.01	19.75 -1.98 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	20.05 -1.33 0.01	18.12 -1.24 0.01	17.43 -0.61 0.00	17.73 -0.91 0.00	19.47 -0.50 0.00	20.79 -0.06 0.00	21.80 -0.26 0.00	22.37 -0.18 0.00	21.63 -0.13 0.00	22.19 -0.07 0.00	22.17 -0.09 0.00	21.57 -0.26 0.00	21.10 -0.28 0.00	20.87 -0.38 0.00	20.71 -0.60 0.00	22.35 -0.83 0.00	27.92 -1.29 0.00	0.01 -1.85 28.90	-7.47 -1.90 39.55	31.54 -1.84 0.00	0.01 -1.22 25.79	12.31 -1.08 9.51	-7.28 -1.30 27.71
LACHUTE____HYDRO 323717	23.07 1.69 0.00	20.77 1.40 0.00	19.23 1.19 0.00	19.91 1.27 0.00	21.15 1.18 0.00	22.13 1.27 0.00	23.63 1.57 0.00	24.11 1.55 0.00	23.32 1.57 0.00	23.82 1.56 0.00	23.81 1.56 0.00	23.25 1.42 0.00	22.79 1.41 0.00	22.70 1.45 0.00	22.69 1.38 0.00	24.81 1.62 0.00	31.37 2.16 0.00	33.40 2.65 0.00	37.29 3.30 0.00	36.41 3.04 0.00	29.12 2.11 0.00	24.52 1.63 0.00	23.38 1.65 0.00
LAWRNCV_115KV_TB1 80681	20.20 -1.18 0.01	18.30 -1.07 0.01	17.19 -0.85 0.00	17.78 -0.86 0.00	19.35 -0.62 0.00	20.46 -0.40 0.00	21.60 -0.46 0.00	22.12 -0.43 0.00	21.32 -0.44 0.00	21.81 -0.45 0.00	21.81 -0.45 0.00	21.33 -0.50 0.00	20.88 -0.49 0.00	20.77 -0.49 0.00	20.75 -0.55 0.00	22.59 -0.60 0.00	28.24 -0.96 0.00	33.05 -1.35 -3.65	37.44 -1.53 -4.98	31.94 -1.44 0.00	29.38 -0.89 -3.26	23.36 -0.73 -1.20	24.23 -1.00 -3.49
LEDERLE____ 23769	22.54 1.15 0.00	20.40 1.03 0.00	18.83 0.79 0.00	19.40 0.76 0.00	20.57 0.60 0.00	21.52 0.67 0.00	22.95 0.88 0.00	23.48 0.92 0.00	22.60 0.85 0.00	23.13 0.87 0.00	23.12 0.87 0.00	22.71 0.87 0.00	22.27 0.90 0.00	22.13 0.87 0.00	22.24 0.94 0.00	24.28 1.09 0.00	30.73 1.52 0.00	32.75 2.00 0.00	36.30 2.31 0.00	35.57 2.20 0.00	28.47 1.46 0.00	24.22 1.33 0.00	23.19 1.46 0.00
LIGHTHSE_115KV_TB6 355974	21.06 -0.32 0.00	19.08 -0.29 0.00	17.77 -0.27 0.00	18.34 -0.30 0.00	19.59 -0.38 0.00	20.34 -0.52 0.00	21.45 -0.62 0.00	21.88 -0.68 0.00	21.12 -0.63 0.00	21.61 -0.65 0.00	21.59 -0.67 0.00	21.18 -0.65 0.00	20.71 -0.66 0.00	20.60 -0.66 0.00	20.64 -0.66 0.00	22.47 -0.72 0.00	28.36 -0.85 0.00	30.08 -0.68 0.00	33.38 -0.61 0.00	32.74 -0.63 0.00	26.36 -0.65 0.00	22.34 -0.55 0.00	21.32 -0.41 0.00
LINDEN COGEN____ 23786	22.37 0.98 0.00	20.24 0.87 0.00	18.69 0.65 0.00	19.20 0.56 0.00	20.33 0.36 0.00	21.25 0.40 0.00	22.77 0.71 0.00	23.29 0.74 0.00	22.36 0.61 0.00	22.90 0.65 0.00	22.99 0.73 0.00	22.53 0.70 0.00	22.12 0.75 0.00	22.06 0.81 0.00	22.11 0.81 0.00	24.14 0.95 0.00	30.49 1.28 0.00	32.53 1.78 0.00	36.00 2.00 0.00	35.21 1.83 0.00	28.25 1.24 0.00	24.02 1.12 0.00	23.03 1.30 0.00
LINDHRST_69_KV_BK1 356055	23.03 1.65 0.00	20.80 1.43 0.00	19.18 1.14 0.00	19.72 1.08 0.00	21.01 1.04 0.00	22.09 1.23 0.00	25.37 1.52 -1.78	24.09 1.53 0.00	23.08 1.33 0.00	23.53 1.27 0.00	23.50 1.25 0.00	22.99 1.16 0.00	22.55 1.18 0.00	22.47 1.21 0.00	22.62 1.32 0.00	24.77 1.58 0.00	31.43 2.22 0.00	33.61 2.86 0.00	37.56 3.30 -0.28	36.41 3.04 0.00	32.39 2.19 -3.20	30.17 1.95 -5.33	23.79 2.06 0.00
LIPA_MISC_IPP 23656	22.73 1.35 0.00	20.57 1.20 0.00	19.01 0.97 0.00	19.53 0.89 0.00	20.93 0.96 0.00	22.11 1.25 0.00	25.34 1.50 -1.78	23.93 1.38 0.00	22.80 1.04 0.00	23.15 0.89 0.00	23.10 0.85 0.00	22.60 0.76 0.00	22.17 0.79 0.00	22.08 0.83 0.00	22.26 0.96 0.00	24.39 1.21 0.00	30.99 1.78 0.00	33.25 2.49 0.00	37.12 2.86 -0.28	35.91 2.54 0.00	31.99 1.78 -3.20	29.88 1.65 -5.33	23.49 1.76 0.00
LISF____SOLAR 323691	22.77 1.39 0.00	20.59 1.22 0.00	18.94 0.90 0.00	19.42 0.78 0.00	20.83 0.86 0.00	22.02 1.17 0.00	25.39 1.54 -1.78	23.95 1.40 0.00	22.67 0.91 0.00	23.17 0.91 0.00	23.17 0.91 0.00	22.60 0.76 0.00	22.17 0.79 0.00	22.17 0.91 0.00	22.26 0.96 0.00	24.42 1.23 0.00	30.90 1.69 0.00	33.24 2.49 0.00	37.15 2.89 -0.28	35.88 2.50 0.00	32.04 1.84 -3.20	29.83 1.60 -5.33	23.43 1.70 0.00
LITTLE FALLS____HYD 24013	21.41 0.02 0.00	19.43 0.06 0.00	18.13 0.09 0.00	18.83 0.19 0.00	20.21 0.24 0.00	21.15 0.29 0.00	22.35 0.29 0.00	22.78 0.23 0.00	21.91 0.15 0.00	22.39 0.13 0.00	22.32 0.07 0.00	21.86 0.02 0.00	21.37 0.00 0.00	21.23 -0.02 0.00	21.28 -0.02 0.00	23.17 -0.02 0.00	29.24 0.03 0.00	30.94 0.18 0.00	34.26 0.27 0.00	33.61 0.23 0.00	27.12 0.11 0.00	22.99 0.09 0.00	21.84 0.11 0.00
LITTLRIV_115KV_TB1 356100	20.35 -1.03 0.01	18.42 -0.95 0.01	17.32 -0.72 0.00	17.91 -0.73 0.00	19.51 -0.46 0.00	20.63 -0.23 0.00	21.80 -0.26 0.00	22.35 -0.20 0.00	21.52 -0.24 0.00	22.02 -0.24 0.00	22.01 -0.24 0.00	21.53 -0.31 0.00	21.08 -0.30 0.00	20.96 -0.30 0.00	20.96 -0.34 0.00	22.82 -0.37 0.00	28.53 -0.67 0.00	33.78 -1.01 -4.04	38.35 -1.16 -5.51	32.34 -1.03 0.00	30.05 -0.57 -3.61	23.74 -0.48 -1.33	24.80 -0.80 -3.87

LI_NEWBRDGE___DRP 323616	22.71 1.33 0.00	20.53 1.16 0.00	18.94 0.90 0.00	19.50 0.86 0.00	20.73 0.76 0.00	21.75 0.90 0.00	24.99 1.15 -1.78	23.75 1.20 0.00	22.78 1.02 0.00	23.26 1.00 0.00	23.26 1.00 0.00	22.77 0.94 0.00	22.34 0.96 0.00	22.23 0.98 0.00	22.37 1.07 0.00	24.46 1.28 0.00	30.99 1.78 0.00	33.09 2.34 0.00	36.98 2.72 -0.27	35.84 2.47 0.00	31.94 1.73 -3.20	29.81 1.58 -5.33	23.45 1.72 0.00
LOCKPORT_115KV_TB60_63_64 80432	19.82 -1.56 0.00	17.90 -1.47 0.00	16.67 -1.37 0.00	17.00 -1.64 0.00	17.99 -1.98 0.00	18.56 -2.29 0.00	19.70 -2.36 0.00	19.89 -2.66 0.00	19.32 -2.44 0.00	19.86 -2.40 0.00	19.98 -2.27 0.00	19.69 -2.14 0.00	19.07 -2.31 0.00	19.05 -2.21 0.00	18.89 -2.41 0.00	20.15 -3.04 0.00	25.04 -4.15 0.02	26.75 -4.00 0.01	29.52 -4.45 0.02	28.78 -4.57 0.02	22.00 -4.05 0.96	19.89 -3.00 0.01	19.51 -2.22 0.00
LOCKPORT___CC1 323769	19.83 -1.56 0.00	17.92 -1.45 0.00	16.67 -1.37 0.00	17.30 -1.34 0.00	18.21 -1.76 0.00	18.54 -2.32 0.00	19.53 -2.54 0.00	19.89 -2.66 0.00	19.60 -2.15 0.00	19.88 -2.38 0.00	19.78 -2.47 0.00	19.69 -2.14 0.00	19.07 -2.31 0.00	18.75 -2.51 0.00	18.89 -2.41 0.00	20.15 -3.04 0.00	25.10 -4.09 0.02	26.75 -4.00 0.01	29.38 -4.59 0.02	28.85 -4.51 0.02	22.05 -4.00 0.96	20.07 -2.82 0.01	19.58 -2.15 0.00
LOCKPORT___CC2 323770	19.83 -1.56 0.00	17.92 -1.45 0.00	16.67 -1.37 0.00	17.30 -1.34 0.00	18.21 -1.76 0.00	18.54 -2.32 0.00	19.53 -2.54 0.00	19.89 -2.66 0.00	19.60 -2.15 0.00	19.88 -2.38 0.00	19.78 -2.47 0.00	19.69 -2.14 0.00	19.07 -2.31 0.00	18.75 -2.51 0.00	18.89 -2.41 0.00	20.15 -3.04 0.00	25.10 -4.09 0.02	26.75 -4.00 0.01	29.38 -4.59 0.02	28.85 -4.51 0.02	22.05 -4.00 0.96	20.07 -2.82 0.01	19.58 -2.15 0.00
LOCKPORT___CC3 323771	19.83 -1.56 0.00	17.92 -1.45 0.00	16.67 -1.37 0.00	17.30 -1.34 0.00	18.21 -1.76 0.00	18.54 -2.32 0.00	19.53 -2.54 0.00	19.89 -2.66 0.00	19.60 -2.15 0.00	19.88 -2.38 0.00	19.78 -2.47 0.00	19.69 -2.14 0.00	19.07 -2.31 0.00	18.75 -2.51 0.00	18.89 -2.41 0.00	20.15 -3.04 0.00	25.10 -4.09 0.02	26.75 -4.00 0.01	29.38 -4.59 0.02	28.85 -4.51 0.02	22.05 -4.00 0.96	20.07 -2.82 0.01	19.58 -2.15 0.00
LONG_LAKE_PHOENIX 24014	21.21 -0.17 0.00	19.22 -0.15 0.00	17.89 -0.14 0.00	18.45 -0.19 0.00	19.65 -0.32 0.00	20.42 -0.44 0.00	21.53 -0.53 0.00	21.97 -0.59 0.00	21.23 -0.52 0.00	21.73 -0.53 0.00	21.74 -0.51 0.00	21.35 -0.48 0.00	20.88 -0.49 0.00	20.77 -0.49 0.00	20.79 -0.51 0.00	22.59 -0.60 0.00	28.42 -0.79 0.00	30.08 -0.68 0.00	33.31 -0.68 0.00	32.64 -0.73 0.00	26.31 -0.70 0.00	22.34 -0.55 0.00	21.34 -0.39 0.00
LOVETT___3 23632	22.43 1.05 0.00	20.30 0.93 0.00	18.74 0.70 0.00	19.31 0.67 0.00	20.47 0.50 0.00	21.42 0.56 0.00	22.86 0.79 0.00	23.36 0.81 0.00	22.50 0.74 0.00	23.02 0.76 0.00	23.01 0.76 0.00	22.60 0.76 0.00	22.17 0.79 0.00	22.02 0.77 0.00	22.13 0.83 0.00	24.16 0.97 0.00	30.58 1.37 0.00	32.57 1.81 0.00	36.10 2.11 0.00	35.37 2.00 0.00	28.33 1.32 0.00	24.08 1.19 0.00	23.08 1.35 0.00
LOVETT___4 23642	22.43 1.05 0.00	20.30 0.93 0.00	18.74 0.70 0.00	19.31 0.67 0.00	20.47 0.50 0.00	21.42 0.56 0.00	22.86 0.79 0.00	23.36 0.81 0.00	22.50 0.74 0.00	23.02 0.76 0.00	23.01 0.76 0.00	22.60 0.76 0.00	22.17 0.79 0.00	22.02 0.77 0.00	22.13 0.83 0.00	24.16 0.97 0.00	30.58 1.37 0.00	32.57 1.81 0.00	36.10 2.11 0.00	35.37 2.00 0.00	28.33 1.32 0.00	24.08 1.19 0.00	23.08 1.35 0.00
LOVETT___5 23593	22.43 1.05 0.00	20.30 0.93 0.00	18.74 0.70 0.00	19.31 0.67 0.00	20.47 0.50 0.00	21.42 0.56 0.00	22.86 0.79 0.00	23.36 0.81 0.00	22.50 0.74 0.00	23.02 0.76 0.00	23.01 0.76 0.00	22.60 0.76 0.00	22.17 0.79 0.00	22.02 0.77 0.00	22.13 0.83 0.00	24.16 0.97 0.00	30.58 1.37 0.00	32.57 1.81 0.00	36.10 2.11 0.00	35.37 2.00 0.00	28.33 1.32 0.00	24.08 1.19 0.00	23.08 1.35 0.00
LOWER RAQUET___HYD 24057	20.05 -1.33 0.01	18.16 -1.20 0.01	17.08 -0.96 0.00	17.65 -0.99 0.00	19.23 -0.74 0.00	20.34 -0.52 0.00	21.49 -0.57 0.00	22.01 -0.54 0.00	21.19 -0.57 0.00	21.68 -0.58 0.00	21.68 -0.58 0.00	21.20 -0.63 0.00	20.75 -0.62 0.00	20.64 -0.62 0.00	20.62 -0.68 0.00	22.45 -0.74 0.00	28.07 -1.14 0.00	33.63 -1.54 -4.41	38.28 -1.73 -6.02	31.77 -1.60 0.00	29.92 -1.03 -3.94	23.48 -0.87 -1.45	24.80 -1.15 -4.22
LOWER___HUDSON 24059	22.15 0.77 0.00	20.07 0.70 0.00	18.63 0.59 0.00	19.20 0.56 0.00	20.37 0.40 0.00	21.25 0.40 0.00	22.59 0.53 0.00	23.14 0.59 0.00	22.30 0.54 0.00	22.84 0.58 0.00	22.86 0.60 0.00	22.38 0.55 0.00	21.93 0.55 0.00	21.85 0.59 0.00	21.90 0.60 0.00	23.95 0.76 0.00	30.26 1.05 0.00	32.05 1.29 0.00	35.55 1.56 0.00	34.81 1.43 0.00	27.98 0.97 0.00	23.70 0.80 0.00	22.60 0.87 0.00
LOWVILLE_115KV_TB2 356335	21.19 -0.19 0.00	19.18 -0.19 0.00	17.89 -0.14 0.00	18.53 -0.11 0.00	19.85 -0.12 0.00	20.71 -0.15 0.00	21.89 -0.18 0.00	22.30 -0.25 0.00	21.49 -0.26 0.00	21.99 -0.27 0.00	21.94 -0.31 0.00	21.51 -0.33 0.00	21.01 -0.36 0.00	20.89 -0.36 0.00	20.96 -0.34 0.00	22.89 -0.30 0.00	28.97 -0.23 0.00	32.02 0.00 -1.27	35.89 0.17 -1.73	33.51 0.13 0.00	28.17 0.03 -1.13	23.31 0.00 -0.42	22.90 -0.04 -1.21
LUTHERFT_115KV_GLOB_FND_222 355753	22.41 1.03 0.00	20.26 0.89 0.00	18.80 0.76 0.00	19.42 0.78 0.00	20.63 0.66 0.00	21.59 0.73 0.00	22.88 0.82 0.00	23.41 0.86 0.00	22.58 0.83 0.00	23.11 0.85 0.00	23.10 0.85 0.00	22.62 0.79 0.00	22.17 0.79 0.00	22.06 0.81 0.00	22.11 0.81 0.00	24.16 0.97 0.00	30.55 1.34 0.00	32.38 1.63 0.00	36.00 2.01 0.00	35.21 1.84 0.00	28.25 1.24 0.00	23.92 1.03 0.00	22.84 1.11 0.00
LUTHERNY_35_KV_BK2 355980	22.43 1.05 0.00	20.26 0.89 0.00	18.80 0.76 0.00	19.44 0.80 0.00	20.65 0.68 0.00	21.59 0.73 0.00	22.88 0.82 0.00	23.41 0.86 0.00	22.60 0.85 0.00	23.13 0.87 0.00	23.12 0.87 0.00	22.64 0.81 0.00	22.17 0.79 0.00	22.06 0.81 0.00	22.13 0.83 0.00	24.19 1.00 0.00	30.55 1.34 0.00	32.42 1.66 0.00	36.00 2.01 0.00	35.21 1.84 0.00	28.28 1.27 0.00	23.95 1.05 0.00	22.86 1.13 0.00
LWR___OSWEGATCHIE_HYD 23850	20.31 -1.07 0.00	18.38 -0.99 0.00	17.23 -0.81 0.00	17.82 -0.82 0.00	19.25 -0.72 0.00	20.21 -0.65 0.00	21.34 -0.73 0.00	21.79 -0.77 0.00	20.99 -0.76 0.00	21.48 -0.78 0.00	21.43 -0.82 0.00	20.98 -0.85 0.00	20.52 -0.85 0.00	20.41 -0.85 0.00	20.45 -0.85 0.00	22.28 -0.90 0.00	28.07 -1.14 0.00	32.52 -1.23 -3.00	36.82 -1.26 -4.09	32.17 -1.20 0.00	28.79 -0.89 -2.68	23.10 -0.78 -0.99	23.69 -0.91 -2.87

LYONS_FALL_HYD 23570	21.47 0.09 0.00	19.45 0.08 0.00	18.13 0.09 0.00	18.75 0.11 0.00	20.09 0.12 0.00	20.94 0.08 0.00	22.15 0.09 0.00	22.60 0.05 0.00	21.80 0.04 0.00	22.30 0.04 0.00	22.28 0.02 0.00	21.86 0.02 0.00	21.35 -0.02 0.00	21.23 -0.02 0.00	21.30 0.00 0.00	23.24 0.05 0.00	29.38 0.18 0.00	31.99 0.40 -0.84	35.68 0.54 -1.15	33.87 0.50 0.00	28.06 0.30 -0.75	23.42 0.25 -0.28	22.77 0.24 -0.81
MADISON___COUNTY_LFGE 323628	21.96 0.58 0.00	19.89 0.52 0.00	18.54 0.51 0.00	19.14 0.50 0.00	20.45 0.48 0.00	21.27 0.42 0.00	22.50 0.44 0.00	22.96 0.41 0.00	22.17 0.41 0.00	22.73 0.47 0.00	22.70 0.45 0.00	22.31 0.48 0.00	21.80 0.43 0.00	21.70 0.45 0.00	21.77 0.47 0.00	23.70 0.51 0.00	29.91 0.70 0.00	31.68 0.92 0.00	35.11 1.12 0.00	34.37 1.00 0.00	27.69 0.68 0.00	23.51 0.62 0.00	22.40 0.67 0.00
MALONE___115KV_TB1 356076	20.05 -1.33 0.01	18.12 -1.24 0.01	17.34 -0.70 0.00	17.71 -0.93 0.00	19.41 -0.56 0.00	20.67 -0.19 0.00	21.78 -0.29 0.00	22.33 -0.23 0.00	21.58 -0.17 0.00	22.13 -0.13 0.00	22.10 -0.16 0.00	21.53 -0.31 0.00	21.08 -0.30 0.00	20.87 -0.38 0.00	20.75 -0.55 0.00	22.42 -0.77 0.00	28.04 -1.17 0.00	48.67 -1.69 -19.61	58.85 -1.94 -26.80	31.54 -1.84 0.00	43.29 -1.22 -17.50	28.22 -1.12 -6.45	39.13 -1.39 -18.79
MAPLEWOD_115KV_TB3 80458	22.28 0.90 0.00	20.18 0.81 0.00	18.71 0.67 0.00	19.33 0.69 0.00	20.51 0.54 0.00	21.44 0.58 0.00	22.68 0.62 0.00	23.23 0.68 0.00	22.39 0.63 0.00	22.95 0.69 0.00	22.92 0.67 0.00	22.49 0.65 0.00	22.04 0.66 0.00	21.91 0.66 0.00	22.00 0.70 0.00	24.05 0.86 0.00	30.37 1.17 0.00	32.20 1.45 0.00	35.72 1.73 0.00	34.97 1.60 0.00	28.09 1.08 0.00	23.83 0.94 0.00	22.75 1.02 0.00
MAPLE_RIDGE_WT_1 323574	20.60 -0.77 0.01	18.68 -0.68 0.01	17.79 -0.25 0.00	18.16 -0.48 0.00	19.73 -0.24 0.00	20.69 -0.17 0.00	21.89 -0.18 0.00	22.31 -0.25 0.00	21.41 -0.35 0.00	21.82 -0.45 0.00	21.74 -0.51 0.00	21.27 -0.57 0.00	20.80 -0.58 0.00	20.68 -0.57 0.00	20.71 -0.60 0.00	22.54 -0.65 0.00	28.36 -0.85 0.00	29.77 -0.99 0.00	32.86 -1.09 0.04	32.34 -1.03 0.00	26.28 -0.73 0.00	22.23 -0.66 0.00	20.96 -0.76 0.01
MAPLE_RIDGE_WT_2 323611	20.60 -0.77 0.01	18.68 -0.68 0.01	17.79 -0.25 0.00	18.16 -0.48 0.00	19.73 -0.24 0.00	20.69 -0.17 0.00	21.89 -0.18 0.00	22.31 -0.25 0.00	21.41 -0.35 0.00	21.82 -0.45 0.00	21.74 -0.51 0.00	21.27 -0.57 0.00	20.80 -0.58 0.00	20.68 -0.57 0.00	20.71 -0.60 0.00	22.54 -0.65 0.00	28.36 -0.85 0.00	29.77 -0.99 0.00	32.86 -1.09 0.04	32.34 -1.03 0.00	26.28 -0.73 0.00	22.23 -0.66 0.00	20.96 -0.76 0.01
MARBLE_RIVER_WT_PWR 323696	19.92 -1.45 0.01	18.01 -1.36 0.01	17.37 -0.67 0.00	17.60 -1.04 0.00	19.35 -0.62 0.00	20.65 -0.21 0.00	21.73 -0.33 0.00	22.28 -0.27 0.00	21.54 -0.22 0.00	22.11 -0.15 0.00	22.08 -0.18 0.00	21.51 -0.33 0.00	21.03 -0.34 0.00	20.79 -0.47 0.00	20.64 -0.66 0.00	22.24 -0.95 0.00	27.75 -1.46 0.00	0.36 -2.06 28.34	-7.00 -2.21 38.78	31.20 -2.17 0.00	0.22 -1.51 25.28	12.22 -1.35 9.32	-7.00 -1.56 27.17
MARSHVLE_115KV_TB1 80742	22.35 0.96 0.00	20.13 0.76 0.00	18.67 0.63 0.00	19.31 0.67 0.00	20.59 0.62 0.00	21.52 0.67 0.00	22.81 0.75 0.00	23.25 0.70 0.00	22.43 0.67 0.00	22.93 0.67 0.00	22.90 0.65 0.00	22.44 0.61 0.00	21.95 0.58 0.00	21.83 0.57 0.00	21.90 0.60 0.00	23.95 0.77 0.00	30.37 1.17 0.00	32.35 1.60 0.00	36.00 2.01 0.00	35.24 1.87 0.00	28.22 1.22 0.01	23.88 0.98 0.00	22.75 1.02 0.00
MARSH_HILL_WT_PWR 323713	22.11 0.73 0.00	19.99 0.62 0.00	18.49 0.45 0.00	19.01 0.37 0.00	20.09 0.12 0.00	20.65 -0.21 0.00	21.73 -0.33 0.00	22.06 -0.50 0.00	21.34 -0.41 0.00	21.77 -0.49 0.00	21.72 -0.53 0.00	21.35 -0.48 0.00	20.84 -0.53 0.00	20.66 -0.60 0.00	20.75 -0.55 0.00	22.52 -0.67 0.00	28.38 -0.85 -0.02	30.33 -0.43 -0.01	33.50 -0.51 -0.02	32.76 -0.64 -0.02	26.82 -0.92 -0.73	22.40 -0.50 -0.01	21.45 -0.28 0.00
MCINTYRE_115KV_TB2 80467	20.61 -0.77 0.01	18.65 -0.72 0.01	17.52 -0.52 0.00	18.14 -0.50 0.00	19.77 -0.20 0.00	20.88 0.02 0.00	22.04 -0.02 0.00	22.60 0.05 0.00	21.76 0.00 0.00	22.24 -0.02 0.00	22.23 -0.02 0.00	21.75 -0.09 0.00	21.29 -0.09 0.00	21.17 -0.09 0.00	21.20 -0.11 0.00	23.07 -0.12 0.00	28.89 -0.32 0.00	33.59 -0.62 -3.45	37.98 -0.71 -4.70	32.77 -0.60 0.00	29.90 -0.19 -3.08	23.85 -0.18 -1.14	24.49 -0.54 -3.30
MECO___69_KV_BK1 80468	23.29 1.90 0.00	20.92 1.55 0.00	19.39 1.35 0.00	20.08 1.44 0.00	21.39 1.42 0.00	22.36 1.50 0.00	23.72 1.65 0.00	24.06 1.51 0.00	23.17 1.41 0.00	23.60 1.34 0.00	23.59 1.34 0.00	23.08 1.24 0.00	22.55 1.18 0.00	22.42 1.17 0.00	22.52 1.21 0.00	24.77 1.58 0.00	31.51 2.31 0.00	33.74 2.98 0.00	37.66 3.67 0.00	36.81 3.44 0.00	29.41 2.40 0.01	24.82 1.92 0.00	23.66 1.93 0.00
MENANDS___115KV_TB5 355628	22.24 0.86 0.00	20.15 0.77 0.00	18.69 0.65 0.00	19.29 0.65 0.00	20.47 0.50 0.00	21.40 0.54 0.00	22.64 0.57 0.00	23.18 0.63 0.00	22.34 0.59 0.00	22.91 0.65 0.00	22.90 0.65 0.00	22.47 0.63 0.00	22.02 0.64 0.00	21.89 0.64 0.00	21.98 0.68 0.00	24.02 0.83 0.00	30.32 1.11 0.00	32.14 1.38 0.00	35.62 1.63 0.00	34.87 1.50 0.00	28.04 1.03 0.00	23.79 0.89 0.00	22.73 1.00 0.00
MG INDUSTRY___DRP 24185	22.24 0.86 0.00	20.13 0.76 0.00	18.69 0.65 0.00	19.29 0.65 0.00	20.51 0.54 0.00	21.42 0.56 0.00	22.68 0.62 0.00	23.21 0.65 0.00	22.37 0.61 0.00	22.88 0.62 0.00	22.88 0.62 0.00	22.44 0.61 0.00	21.99 0.62 0.00	21.87 0.62 0.00	21.94 0.64 0.00	23.95 0.77 0.00	30.23 1.02 0.00	32.02 1.26 0.00	35.49 1.50 0.00	34.77 1.40 0.00	27.96 0.95 0.00	23.72 0.82 0.00	22.64 0.91 0.00
MID___OSWEGATCHIE_HYD 23849	20.31 -1.07 0.00	18.38 -0.99 0.00	17.23 -0.81 0.00	17.82 -0.82 0.00	19.25 -0.72 0.00	20.21 -0.65 0.00	21.34 -0.73 0.00	21.79 -0.77 0.00	20.99 -0.76 0.00	21.48 -0.78 0.00	21.43 -0.82 0.00	20.98 -0.85 0.00	20.52 -0.85 0.00	20.41 -0.85 0.00	20.45 -0.85 0.00	22.28 -0.90 0.00	28.07 -1.14 0.00	32.52 -1.23 -3.00	36.82 -1.26 -4.09	32.17 -1.20 0.00	28.79 -0.89 -2.68	23.10 -0.78 -0.99	23.69 -0.91 -2.87
MID___RAQUETTE_HYD 23851	20.05 -1.33 0.01	18.16 -1.20 0.01	17.08 -0.96 0.00	17.67 -0.97 0.00	19.23 -0.74 0.00	20.34 -0.52 0.00	21.49 -0.57 0.00	22.01 -0.54 0.00	21.21 -0.54 0.00	21.68 -0.58 0.00	21.68 -0.58 0.00	21.20 -0.63 0.00	20.75 -0.62 0.00	20.62 -0.64 0.00	20.62 -0.68 0.00	22.45 -0.74 0.00	28.07 -1.14 0.00	33.66 -1.51 -4.41	38.27 -1.73 -6.02	31.77 -1.60 0.00	29.92 -1.03 -3.94	23.48 -0.87 -1.45	24.80 -1.15 -4.22

MILLIKEN___1 23584	21.90 0.51 0.00	19.87 0.50 0.00	18.47 0.43 0.00	19.05 0.41 0.00	20.31 0.34 0.00	21.13 0.27 0.00	22.35 0.29 0.00	22.76 0.20 0.00	21.95 0.20 0.00	22.46 0.20 0.00	22.45 0.20 0.00	22.03 0.20 0.00	21.55 0.17 0.00	21.43 0.17 0.00	21.47 0.17 0.00	23.35 0.16 0.00	29.44 0.23 0.00	31.34 0.58 0.00	34.71 0.71 0.00	33.94 0.57 0.00	27.43 0.24 -0.18	23.19 0.30 0.00	22.19 0.46 0.00
MILLIKEN___2 23585	21.90 0.51 0.00	19.87 0.50 0.00	18.47 0.43 0.00	19.05 0.41 0.00	20.31 0.34 0.00	21.13 0.27 0.00	22.35 0.29 0.00	22.76 0.20 0.00	21.95 0.20 0.00	22.46 0.20 0.00	22.45 0.20 0.00	22.03 0.20 0.00	21.55 0.17 0.00	21.43 0.17 0.00	21.47 0.17 0.00	23.35 0.16 0.00	29.44 0.23 0.00	31.34 0.58 0.00	34.71 0.71 0.00	33.94 0.57 0.00	27.43 0.24 -0.18	23.19 0.30 0.00	22.19 0.46 0.00
MILLIKEN___DIESEL 23629	21.90 0.51 0.00	19.87 0.50 0.00	18.47 0.43 0.00	19.05 0.41 0.00	20.31 0.34 0.00	21.13 0.27 0.00	22.35 0.29 0.00	22.76 0.20 0.00	21.95 0.20 0.00	22.46 0.20 0.00	22.45 0.20 0.00	22.03 0.20 0.00	21.55 0.17 0.00	21.43 0.17 0.00	21.47 0.17 0.00	23.35 0.16 0.00	29.44 0.23 0.00	31.34 0.58 0.00	34.71 0.71 0.00	33.94 0.57 0.00	27.43 0.24 -0.18	23.19 0.30 0.00	22.19 0.46 0.00
MILLSEAT___LFGE 323607	20.17 -1.22 0.00	18.21 -1.16 0.00	16.92 -1.12 0.00	17.58 -1.06 0.00	18.53 -1.44 0.00	18.94 -1.92 0.00	19.92 -2.14 0.00	20.34 -2.21 0.00	19.95 -1.81 0.00	20.26 -2.00 0.00	20.19 -2.07 0.00	20.07 -1.77 0.00	19.45 -1.92 0.00	19.13 -2.13 0.00	19.28 -2.02 0.00	20.61 -2.57 0.00	25.77 -3.42 0.02	27.52 -3.23 0.01	30.30 -3.67 0.02	29.72 -3.64 0.02	22.72 -3.32 0.96	20.55 -2.34 0.01	19.97 -1.76 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	22.48 1.09 0.00	20.34 0.97 0.00	18.80 0.76 0.00	19.37 0.73 0.00	20.51 0.54 0.00	21.46 0.60 0.00	22.90 0.84 0.00	23.41 0.86 0.00	22.54 0.78 0.00	23.04 0.78 0.00	23.06 0.80 0.00	22.64 0.81 0.00	22.21 0.83 0.00	22.06 0.81 0.00	22.17 0.87 0.00	24.21 1.02 0.00	30.67 1.46 0.00	32.66 1.91 0.00	36.20 2.21 0.00	35.44 2.07 0.00	28.39 1.38 0.00	24.13 1.24 0.00	23.14 1.41 0.00
MILLWOOD_13_KV_LOAD 356217	22.54 1.15 0.00	20.40 1.03 0.00	18.83 0.79 0.00	19.40 0.76 0.00	20.55 0.58 0.00	21.50 0.65 0.00	22.95 0.88 0.00	23.48 0.92 0.00	22.58 0.83 0.00	23.08 0.82 0.00	23.10 0.85 0.00	22.68 0.85 0.00	22.23 0.85 0.00	22.11 0.85 0.00	22.22 0.92 0.00	24.26 1.07 0.00	30.73 1.52 0.00	32.75 2.00 0.00	36.30 2.31 0.00	35.54 2.17 0.00	28.44 1.43 0.00	24.20 1.30 0.00	23.19 1.46 0.00
MODEL_CITY_ENERGY 24167	19.65 -1.73 0.00	17.76 -1.61 0.00	16.52 -1.52 0.00	17.15 -1.49 0.00	18.07 -1.90 0.00	18.35 -2.50 0.00	19.33 -2.74 0.00	19.69 -2.86 0.00	19.39 -2.37 0.00	19.66 -2.60 0.00	19.56 -2.69 0.00	19.50 -2.34 0.00	18.85 -2.52 0.00	18.56 -2.70 0.00	18.68 -2.62 0.00	19.94 -3.25 0.00	24.84 -4.35 0.02	26.47 -4.27 0.01	29.08 -4.89 0.02	28.52 -4.84 0.02	21.81 -4.24 0.96	19.86 -3.02 0.01	19.36 -2.37 0.00
MODERN_LFGE___ 323580	19.65 -1.73 0.00	17.76 -1.61 0.00	16.52 -1.52 0.00	17.15 -1.49 0.00	18.07 -1.90 0.00	18.35 -2.50 0.00	19.33 -2.74 0.00	19.69 -2.86 0.00	19.39 -2.37 0.00	19.66 -2.60 0.00	19.56 -2.69 0.00	19.50 -2.34 0.00	18.85 -2.52 0.00	18.56 -2.70 0.00	18.68 -2.62 0.00	19.94 -3.25 0.00	24.84 -4.35 0.02	26.47 -4.27 0.01	29.08 -4.89 0.02	28.52 -4.84 0.02	21.81 -4.24 0.96	19.86 -3.02 0.01	19.36 -2.37 0.00
MOHAWK_PAPER___DRP 24187	22.28 0.90 0.00	20.18 0.81 0.00	18.71 0.67 0.00	19.33 0.69 0.00	20.51 0.54 0.00	21.44 0.58 0.00	22.68 0.62 0.00	23.23 0.68 0.00	22.39 0.63 0.00	22.95 0.69 0.00	22.92 0.67 0.00	22.49 0.65 0.00	22.04 0.66 0.00	21.91 0.66 0.00	22.00 0.70 0.00	24.05 0.86 0.00	30.37 1.17 0.00	32.20 1.45 0.00	35.72 1.73 0.00	34.97 1.60 0.00	28.09 1.08 0.00	23.83 0.94 0.00	22.75 1.02 0.00
MOHICAN___35_KV_115KV_LD 80490	22.52 1.13 0.00	20.32 0.95 0.00	18.83 0.79 0.00	19.48 0.84 0.00	20.69 0.72 0.00	21.67 0.81 0.00	22.99 0.93 0.00	23.52 0.97 0.00	22.73 0.98 0.00	23.24 0.98 0.00	23.23 0.98 0.00	22.73 0.90 0.00	22.27 0.90 0.00	22.15 0.89 0.00	22.20 0.89 0.00	24.28 1.09 0.00	30.70 1.49 0.00	32.63 1.88 0.00	36.30 2.31 0.00	35.47 2.10 0.00	28.44 1.43 0.00	24.02 1.12 0.00	22.93 1.20 0.00
MONGAUP___HYD 23641	22.26 0.88 0.00	20.13 0.75 0.00	18.62 0.58 0.00	19.16 0.52 0.00	20.33 0.36 0.00	21.23 0.38 0.00	22.62 0.55 0.00	23.07 0.52 0.00	22.13 0.37 0.00	22.66 0.40 0.00	22.68 0.42 0.00	22.23 0.39 0.00	21.76 0.39 0.00	21.66 0.40 0.00	21.73 0.43 0.00	23.79 0.60 0.00	29.91 0.70 0.00	32.20 1.45 0.00	35.76 1.77 0.00	35.07 1.70 0.00	28.06 1.05 0.00	23.79 0.89 0.00	22.73 1.00 0.00
MONTAUK___DIESEL 23721	23.18 1.80 0.00	20.94 1.57 0.00	19.36 1.32 0.00	19.89 1.25 0.00	21.33 1.36 0.00	22.59 1.73 0.00	25.92 2.07 -1.78	24.54 1.98 0.00	23.34 1.59 0.00	23.66 1.40 0.00	23.61 1.36 0.00	23.01 1.18 0.00	22.53 1.15 0.00	22.45 1.19 0.00	22.62 1.32 0.00	24.81 1.62 0.00	31.63 2.42 0.00	34.08 3.32 0.00	38.11 3.84 -0.28	36.74 3.37 0.00	32.72 2.51 -3.20	30.43 2.20 -5.33	23.99 2.26 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	20.66 -0.73 0.00	18.58 -0.79 0.00	17.21 -0.83 0.00	17.35 -1.29 0.00	18.39 -1.58 0.00	18.85 -2.00 0.00	20.08 -1.99 0.00	20.25 -2.30 0.00	19.67 -2.09 0.00	20.15 -2.11 0.00	20.18 -2.07 0.00	19.82 -2.01 0.00	19.15 -2.22 0.00	19.05 -2.21 0.00	18.92 -2.39 0.00	20.20 -2.99 0.00	25.02 -4.18 0.01	26.84 -3.91 0.01	29.59 -4.38 0.01	28.62 -4.74 0.01	21.95 -4.32 0.74	20.28 -2.61 0.01	19.80 -1.93 0.00
MORTIMER_115KV_TB3 55949	20.53 -0.86 0.00	18.56 -0.81 0.00	17.28 -0.76 0.00	17.73 -0.91 0.00	18.83 -1.14 0.00	19.58 -1.27 0.00	20.72 -1.35 0.00	21.09 -1.47 0.00	20.43 -1.33 0.00	20.95 -1.31 0.00	21.05 -1.20 0.00	20.72 -1.11 0.00	20.16 -1.22 0.00	20.09 -1.17 0.00	20.00 -1.30 0.00	21.52 -1.67 0.00	26.96 -2.22 0.02	28.65 -2.09 0.01	31.72 -2.24 0.02	31.08 -2.27 0.02	24.01 -2.03 0.98	21.21 -1.67 0.01	20.51 -1.22 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	22.52 1.13 0.00	20.38 1.01 0.00	18.83 0.79 0.00	19.39 0.75 0.00	20.53 0.56 0.00	21.48 0.63 0.00	22.92 0.86 0.00	23.43 0.88 0.00	22.54 0.78 0.00	23.06 0.80 0.00	23.08 0.82 0.00	22.66 0.83 0.00	22.25 0.88 0.00	22.11 0.85 0.00	22.24 0.94 0.00	24.26 1.07 0.00	30.73 1.52 0.00	32.75 2.00 0.00	36.30 2.31 0.00	35.54 2.17 0.00	28.42 1.40 0.00	24.22 1.33 0.00	23.23 1.50 0.00

MUNSVILLE_WIND_PWR 323609	22.99 1.60 0.00	21.17 1.80 0.00	19.50 1.46 0.00	20.28 1.64 0.00	21.69 1.72 0.00	22.53 1.67 0.00	23.81 1.74 0.00	24.18 1.62 0.00	23.28 1.52 0.00	23.86 1.60 0.00	23.72 1.47 0.00	23.34 1.51 0.00	22.70 1.33 0.00	22.55 1.30 0.00	22.67 1.36 0.00	24.63 1.44 0.00	31.17 1.96 0.00	33.31 2.55 0.00	36.92 2.92 0.00	36.11 2.74 0.00	29.00 1.84 -0.15	24.59 1.69 0.00	23.45 1.72 0.00
N SALMON___HYD 24042	20.05 -1.33 0.01	18.12 -1.24 0.01	17.34 -0.70 0.00	17.69 -0.95 0.00	19.41 -0.56 0.00	20.67 -0.19 0.00	21.80 -0.26 0.00	22.33 -0.23 0.00	21.58 -0.17 0.00	22.13 -0.13 0.00	22.10 -0.15 0.00	21.53 -0.31 0.00	21.08 -0.30 0.00	20.87 -0.38 0.00	20.75 -0.55 0.00	22.42 -0.76 0.00	28.04 -1.17 0.00	48.64 -1.72 -19.61	58.92 -1.87 -26.80	31.54 -1.84 0.00	43.29 -1.21 -17.50	28.22 -1.12 -6.45	39.13 -1.39 -18.79
N.AKRON__115KV_KNAPP 355671	20.17 -1.22 0.00	18.19 -1.18 0.00	16.94 -1.10 0.00	17.28 -1.36 0.00	18.31 -1.66 0.00	18.94 -1.92 0.00	20.08 -1.99 0.00	20.32 -2.23 0.00	19.71 -2.05 0.00	20.23 -2.03 0.00	20.36 -1.89 0.00	20.09 -1.75 0.00	19.45 -1.92 0.00	19.41 -1.85 0.00	19.28 -2.02 0.00	20.61 -2.57 0.00	25.68 -3.50 0.02	27.45 -3.29 0.01	30.37 -3.60 0.02	29.58 -3.77 0.02	22.64 -3.40 0.96	20.37 -2.52 0.01	19.90 -1.83 0.00
N.BELMOR_69_KV_BK1 55787	22.93 1.54 0.00	20.69 1.32 0.00	19.09 1.05 0.00	19.65 1.01 0.00	20.87 0.90 0.00	21.92 1.06 0.00	25.19 1.35 -1.78	23.95 1.40 0.00	23.00 1.24 0.00	23.46 1.20 0.00	23.46 1.20 0.00	22.97 1.14 0.00	22.55 1.18 0.00	22.45 1.19 0.00	22.58 1.28 0.00	24.70 1.51 0.00	31.31 2.10 0.00	33.46 2.71 0.00	37.39 3.13 -0.27	36.24 2.87 0.00	32.26 2.05 -3.20	30.06 1.83 -5.33	23.69 1.96 0.00
N.E._GEN_SANDY PD 24062	22.22 0.83 0.00	20.17 0.79 0.00	18.67 0.63 0.00	19.22 0.58 0.00	20.35 0.38 0.00	21.23 0.38 0.00	22.62 0.55 0.00	23.18 0.63 0.00	22.30 0.54 0.00	22.86 0.60 0.00	22.88 0.62 0.00	22.40 0.57 0.00	21.97 0.60 0.00	21.89 0.64 0.00	21.94 0.64 0.00	24.00 0.81 0.00	30.34 1.14 0.00	32.17 1.42 0.00	35.69 1.70 0.00	33.70 1.54 1.21	29.27 1.05 -1.21	23.78 0.87 -0.02	22.67 0.96 0.02
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	22.48 1.09 0.00	20.32 0.95 0.00	18.78 0.74 0.00	19.35 0.71 0.00	20.51 0.54 0.00	21.46 0.60 0.00	22.88 0.82 0.00	23.41 0.86 0.00	22.54 0.78 0.00	23.04 0.78 0.00	23.06 0.80 0.00	22.64 0.81 0.00	22.21 0.83 0.00	22.04 0.79 0.00	22.17 0.87 0.00	24.21 1.02 0.00	30.64 1.43 0.00	32.63 1.88 0.00	36.17 2.18 0.00	35.44 2.07 0.00	28.36 1.35 0.00	24.13 1.24 0.00	23.12 1.39 0.00
N.QUEENS_27_KV_LOAD 356247	22.89 1.50 -0.01	20.70 1.32 -0.01	19.09 1.05 -0.01	19.65 1.01 -0.01	20.74 0.76 -0.01	21.55 0.69 0.00	22.97 0.90 0.00	23.39 0.83 0.00	22.47 0.72 0.00	22.99 0.73 0.00	23.01 0.76 0.00	22.62 0.79 0.00	22.21 0.83 0.00	22.08 0.83 0.00	22.20 0.89 0.00	24.21 1.02 0.00	30.67 1.46 0.00	32.72 1.97 0.00	36.27 2.28 0.00	35.47 2.10 0.00	28.39 1.38 0.00	24.25 1.35 0.00	23.47 1.74 0.00
N.TROY___115KV_TB1 355778	22.16 0.77 0.00	20.07 0.70 0.00	18.62 0.58 0.00	19.24 0.60 0.00	20.39 0.42 0.00	21.34 0.48 0.00	22.59 0.53 0.00	23.14 0.59 0.00	22.30 0.54 0.00	22.84 0.58 0.00	22.83 0.58 0.00	22.38 0.55 0.00	21.93 0.56 0.00	21.83 0.57 0.00	21.90 0.60 0.00	23.95 0.77 0.00	30.26 1.05 0.00	32.08 1.32 0.00	35.59 1.60 0.00	34.84 1.47 0.00	27.98 0.97 0.00	23.72 0.82 0.00	22.64 0.91 0.00
NARROWS_GT1_1 24228	22.78 1.39 -0.01	20.62 1.24 -0.01	18.99 0.96 0.00	19.52 0.88 0.00	20.55 0.58 0.00	21.44 0.58 0.00	22.97 0.90 0.00	23.50 0.95 0.00	22.54 0.78 0.00	23.11 0.85 0.00	23.19 0.93 0.00	22.75 0.92 0.00	22.34 0.96 0.00	22.30 1.04 0.00	22.32 1.02 0.00	24.35 1.16 0.00	30.87 1.66 0.00	32.95 2.18 -0.01	36.51 2.52 -0.01	35.72 2.34 -0.01	28.52 1.51 0.00	24.24 1.35 0.00	23.37 1.63 -0.01
NARROWS_GT1_2 24229	22.78 1.39 -0.01	20.62 1.24 -0.01	18.99 0.96 0.00	19.52 0.88 0.00	20.55 0.58 0.00	21.44 0.58 0.00	22.97 0.90 0.00	23.50 0.95 0.00	22.54 0.78 0.00	23.11 0.85 0.00	23.19 0.93 0.00	22.75 0.92 0.00	22.34 0.96 0.00	22.30 1.04 0.00	22.32 1.02 0.00	24.35 1.16 0.00	30.87 1.66 0.00	32.95 2.18 -0.01	36.51 2.52 -0.01	35.72 2.34 -0.01	28.52 1.51 0.00	24.24 1.35 0.00	23.37 1.63 -0.01
NARROWS_GT1_3 24230	22.78 1.39 -0.01	20.62 1.24 -0.01	18.99 0.96 0.00	19.52 0.88 0.00	20.55 0.58 0.00	21.44 0.58 0.00	22.97 0.90 0.00	23.50 0.95 0.00	22.54 0.78 0.00	23.11 0.85 0.00	23.19 0.93 0.00	22.75 0.92 0.00	22.34 0.96 0.00	22.30 1.04 0.00	22.32 1.02 0.00	24.35 1.16 0.00	30.87 1.66 0.00	32.95 2.18 -0.01	36.51 2.52 -0.01	35.72 2.34 -0.01	28.52 1.51 0.00	24.24 1.35 0.00	23.37 1.63 -0.01
NARROWS_GT1_4 24231	22.78 1.39 -0.01	20.62 1.24 -0.01	18.99 0.96 0.00	19.52 0.88 0.00	20.55 0.58 0.00	21.44 0.58 0.00	22.97 0.90 0.00	23.50 0.95 0.00	22.54 0.78 0.00	23.11 0.85 0.00	23.19 0.93 0.00	22.75 0.92 0.00	22.34 0.96 0.00	22.30 1.04 0.00	22.32 1.02 0.00	24.35 1.16 0.00	30.87 1.66 0.00	32.95 2.18 -0.01	36.51 2.52 -0.01	35.72 2.34 -0.01	28.52 1.51 0.00	24.24 1.35 0.00	23.37 1.63 -0.01
NARROWS_GT1_5 24232	22.78 1.39 -0.01	20.62 1.24 -0.01	18.99 0.96 0.00	19.52 0.88 0.00	20.55 0.58 0.00	21.44 0.58 0.00	22.97 0.90 0.00	23.50 0.95 0.00	22.54 0.78 0.00	23.11 0.85 0.00	23.19 0.93 0.00	22.75 0.92 0.00	22.34 0.96 0.00	22.30 1.04 0.00	22.32 1.02 0.00	24.35 1.16 0.00	30.87 1.66 0.00	32.95 2.18 -0.01	36.51 2.52 -0.01	35.72 2.34 -0.01	28.52 1.51 0.00	24.24 1.35 0.00	23.37 1.63 -0.01
NARROWS_GT1_6 24233	22.78 1.39 -0.01	20.62 1.24 -0.01	18.99 0.96 0.00	19.52 0.88 0.00	20.55 0.58 0.00	21.44 0.58 0.00	22.97 0.90 0.00	23.50 0.95 0.00	22.54 0.78 0.00	23.11 0.85 0.00	23.19 0.93 0.00	22.75 0.92 0.00	22.34 0.96 0.00	22.30 1.04 0.00	22.32 1.02 0.00	24.35 1.16 0.00	30.87 1.66 0.00	32.95 2.18 -0.01	36.51 2.52 -0.01	35.72 2.34 -0.01	28.52 1.51 0.00	24.24 1.35 0.00	23.37 1.63 -0.01
NARROWS_GT1_7 24234	22.78 1.39 -0.01	20.62 1.24 -0.01	18.99 0.96 0.00	19.52 0.88 0.00	20.55 0.58 0.00	21.44 0.58 0.00	22.97 0.90 0.00	23.50 0.95 0.00	22.54 0.78 0.00	23.11 0.85 0.00	23.19 0.93 0.00	22.75 0.92 0.00	22.34 0.96 0.00	22.30 1.04 0.00	22.32 1.02 0.00	24.35 1.16 0.00	30.87 1.66 0.00	32.95 2.18 -0.01	36.51 2.52 -0.01	35.72 2.34 -0.01	28.52 1.51 0.00	24.24 1.35 0.00	23.37 1.63 -0.01

NARROWS_GT1_8 24235	22.78 1.39 -0.01	20.62 1.24 -0.01	18.99 0.96 0.00	19.52 0.88 0.00	20.55 0.58 0.00	21.44 0.58 0.00	22.97 0.90 0.00	23.50 0.95 0.00	22.54 0.78 0.00	23.11 0.85 0.00	23.19 0.93 0.00	22.75 0.92 0.00	22.34 0.96 0.00	22.30 1.04 0.00	22.32 1.02 0.00	24.35 1.16 0.00	30.87 1.66 0.00	32.95 2.18 -0.01	36.51 2.52 -0.01	35.72 2.34 -0.01	28.52 1.51 0.00	24.24 1.35 0.00	23.37 1.63 -0.01
NARROWS_GT2_1 24236	22.78 1.39 -0.01	20.62 1.24 -0.01	18.99 0.96 0.00	19.52 0.88 0.00	20.55 0.58 0.00	21.44 0.58 0.00	22.97 0.90 0.00	23.50 0.95 0.00	22.54 0.78 0.00	23.11 0.85 0.00	23.19 0.93 0.00	22.75 0.92 0.00	22.34 0.96 0.00	22.30 1.04 0.00	22.32 1.02 0.00	24.35 1.16 0.00	30.87 1.66 0.00	32.95 2.18 -0.01	36.51 2.52 -0.01	35.72 2.34 -0.01	28.52 1.51 0.00	24.24 1.35 0.00	23.37 1.63 -0.01
NARROWS_GT2_2 24237	22.78 1.39 -0.01	20.62 1.24 -0.01	18.99 0.96 0.00	19.52 0.88 0.00	20.55 0.58 0.00	21.44 0.58 0.00	22.97 0.90 0.00	23.50 0.95 0.00	22.54 0.78 0.00	23.11 0.85 0.00	23.19 0.93 0.00	22.75 0.92 0.00	22.34 0.96 0.00	22.30 1.04 0.00	22.32 1.02 0.00	24.35 1.16 0.00	30.87 1.66 0.00	32.95 2.18 -0.01	36.51 2.52 -0.01	35.72 2.34 -0.01	28.52 1.51 0.00	24.24 1.35 0.00	23.37 1.63 -0.01
NARROWS_GT2_3 24238	22.78 1.39 -0.01	20.62 1.24 -0.01	18.99 0.96 0.00	19.52 0.88 0.00	20.55 0.58 0.00	21.44 0.58 0.00	22.97 0.90 0.00	23.50 0.95 0.00	22.54 0.78 0.00	23.11 0.85 0.00	23.19 0.93 0.00	22.75 0.92 0.00	22.34 0.96 0.00	22.30 1.04 0.00	22.32 1.02 0.00	24.35 1.16 0.00	30.87 1.66 0.00	32.95 2.18 -0.01	36.51 2.52 -0.01	35.72 2.34 -0.01	28.52 1.51 0.00	24.24 1.35 0.00	23.37 1.63 -0.01
NARROWS_GT2_4 24239	22.78 1.39 -0.01	20.62 1.24 -0.01	18.99 0.96 0.00	19.52 0.88 0.00	20.55 0.58 0.00	21.44 0.58 0.00	22.97 0.90 0.00	23.50 0.95 0.00	22.54 0.78 0.00	23.11 0.85 0.00	23.19 0.93 0.00	22.75 0.92 0.00	22.34 0.96 0.00	22.30 1.04 0.00	22.32 1.02 0.00	24.35 1.16 0.00	30.87 1.66 0.00	32.95 2.18 -0.01	36.51 2.52 -0.01	35.72 2.34 -0.01	28.52 1.51 0.00	24.24 1.35 0.00	23.37 1.63 -0.01
NARROWS_GT2_5 24240	22.78 1.39 -0.01	20.62 1.24 -0.01	18.99 0.96 0.00	19.52 0.88 0.00	20.55 0.58 0.00	21.44 0.58 0.00	22.97 0.90 0.00	23.50 0.95 0.00	22.54 0.78 0.00	23.11 0.85 0.00	23.19 0.93 0.00	22.75 0.92 0.00	22.34 0.96 0.00	22.30 1.04 0.00	22.32 1.02 0.00	24.35 1.16 0.00	30.87 1.66 0.00	32.95 2.18 -0.01	36.51 2.52 -0.01	35.72 2.34 -0.01	28.52 1.51 0.00	24.24 1.35 0.00	23.37 1.63 -0.01
NARROWS_GT2_6 24241	22.78 1.39 -0.01	20.62 1.24 -0.01	18.99 0.96 0.00	19.52 0.88 0.00	20.55 0.58 0.00	21.44 0.58 0.00	22.97 0.90 0.00	23.50 0.95 0.00	22.54 0.78 0.00	23.11 0.85 0.00	23.19 0.93 0.00	22.75 0.92 0.00	22.34 0.96 0.00	22.30 1.04 0.00	22.32 1.02 0.00	24.35 1.16 0.00	30.87 1.66 0.00	32.95 2.18 -0.01	36.51 2.52 -0.01	35.72 2.34 -0.01	28.52 1.51 0.00	24.24 1.35 0.00	23.37 1.63 -0.01
NARROWS_GT2_7 24242	22.78 1.39 -0.01	20.62 1.24 -0.01	18.99 0.96 0.00	19.52 0.88 0.00	20.55 0.58 0.00	21.44 0.58 0.00	22.97 0.90 0.00	23.50 0.95 0.00	22.54 0.78 0.00	23.11 0.85 0.00	23.19 0.93 0.00	22.75 0.92 0.00	22.34 0.96 0.00	22.30 1.04 0.00	22.32 1.02 0.00	24.35 1.16 0.00	30.87 1.66 0.00	32.95 2.18 -0.01	36.51 2.52 -0.01	35.72 2.34 -0.01	28.52 1.51 0.00	24.24 1.35 0.00	23.37 1.63 -0.01
NARROWS_GT2_8 24243	22.78 1.39 -0.01	20.62 1.24 -0.01	18.99 0.96 0.00	19.52 0.88 0.00	20.55 0.58 0.00	21.44 0.58 0.00	22.97 0.90 0.00	23.50 0.95 0.00	22.54 0.78 0.00	23.11 0.85 0.00	23.19 0.93 0.00	22.75 0.92 0.00	22.34 0.96 0.00	22.30 1.04 0.00	22.32 1.02 0.00	24.35 1.16 0.00	30.87 1.66 0.00	32.95 2.18 -0.01	36.51 2.52 -0.01	35.72 2.34 -0.01	28.52 1.51 0.00	24.24 1.35 0.00	23.37 1.63 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	22.65 1.26 0.00	20.48 1.10 0.00	19.00 0.96 0.00	19.63 0.99 0.00	20.85 0.88 0.00	21.77 0.92 0.00	23.01 0.95 0.00	23.50 0.95 0.00	22.60 0.85 0.00	23.13 0.87 0.00	23.10 0.85 0.00	22.62 0.79 0.00	22.14 0.77 0.00	22.04 0.79 0.00	22.11 0.81 0.00	24.23 1.04 0.00	30.67 1.46 0.00	32.63 1.88 0.00	36.30 2.31 0.00	35.57 2.20 0.00	28.50 1.49 0.00	24.11 1.21 0.00	22.99 1.26 0.00
NCHELSEA_115KV_TR2 355582	22.58 1.20 0.00	20.44 1.07 0.00	18.89 0.85 0.00	19.46 0.82 0.00	20.63 0.66 0.00	21.57 0.71 0.00	22.97 0.90 0.00	23.50 0.95 0.00	22.58 0.83 0.00	23.11 0.85 0.00	23.10 0.85 0.00	22.68 0.85 0.00	22.23 0.85 0.00	22.08 0.83 0.00	22.20 0.89 0.00	24.26 1.07 0.00	30.73 1.52 0.00	32.75 2.00 0.00	36.34 2.35 0.00	35.61 2.24 0.00	28.47 1.46 0.00	24.18 1.28 0.00	23.14 1.41 0.00
NEG CAPITAL___MECHNVIL 23645	22.41 1.03 0.00	20.26 0.89 0.00	18.80 0.76 0.00	19.40 0.76 0.00	20.61 0.64 0.00	21.52 0.67 0.00	22.88 0.82 0.00	23.41 0.86 0.00	22.58 0.83 0.00	23.13 0.87 0.00	23.12 0.87 0.00	22.64 0.81 0.00	22.19 0.81 0.00	22.11 0.85 0.00	22.13 0.83 0.00	24.21 1.02 0.00	30.58 1.37 0.00	32.41 1.66 0.00	36.03 2.04 0.00	35.24 1.87 0.00	28.28 1.27 0.00	23.93 1.03 0.00	22.82 1.09 0.00
NEG CENTRAL_HIGH_ACRES 23767	20.34 -1.05 0.00	18.42 -0.95 0.00	17.14 -0.90 0.00	17.76 -0.88 0.00	18.85 -1.12 0.00	19.52 -1.34 0.00	20.54 -1.52 0.00	21.00 -1.56 0.00	20.49 -1.26 0.00	20.88 -1.38 0.00	20.85 -1.40 0.00	20.59 -1.24 0.00	20.07 -1.30 0.00	19.83 -1.42 0.00	19.94 -1.36 0.00	21.52 -1.67 0.00	27.02 -2.16 0.03	28.68 -2.06 0.02	31.65 -2.31 0.03	31.11 -2.24 0.03	23.76 -2.03 1.22	21.25 -1.62 0.02	20.45 -1.28 0.00
NEG CENTRAL___DRP 24199	21.49 0.11 0.00	19.47 0.10 0.00	18.11 0.07 0.00	18.64 0.00 0.00	19.85 -0.12 0.00	20.65 -0.21 0.00	21.82 -0.24 0.00	22.21 -0.34 0.00	21.49 -0.26 0.00	21.99 -0.27 0.00	22.01 -0.24 0.00	21.61 -0.22 0.00	21.12 -0.26 0.00	21.00 -0.26 0.00	21.02 -0.28 0.00	22.82 -0.37 0.00	28.79 -0.50 -0.08	30.58 -0.22 -0.04	33.87 -0.20 -0.08	33.12 -0.33 -0.08	30.06 -0.49 -3.53	22.62 -0.32 -0.04	21.62 -0.11 0.00
NEG CENTRAL___INDECK 23768	21.75 0.36 0.00	19.64 0.27 0.00	18.24 0.20 0.00	18.86 0.22 0.00	19.97 0.00 0.00	20.65 -0.21 0.00	21.64 -0.42 0.00	21.90 -0.65 0.00	21.23 -0.52 0.00	21.61 -0.65 0.00	21.54 -0.71 0.00	21.24 -0.59 0.00	20.69 -0.68 0.00	20.51 -0.74 0.00	20.62 -0.68 0.00	22.35 -0.83 0.00	28.22 -0.99 0.00	30.30 -0.46 0.00	33.69 -0.31 0.00	33.04 -0.33 0.00	26.56 -0.62 -0.17	22.53 -0.37 0.00	21.64 -0.09 0.00

NEG CENTRAL___SENECA 23627	21.56 0.17 0.00	19.49 0.12 0.00	18.13 0.09 0.00	18.66 0.02 0.00	19.83 -0.14 0.00	20.63 -0.23 0.00	21.82 -0.24 0.00	22.21 -0.34 0.00	21.47 -0.28 0.00	21.99 -0.27 0.00	22.01 -0.24 0.00	21.61 -0.22 0.00	21.10 -0.28 0.00	20.98 -0.28 0.00	21.00 -0.30 0.00	22.75 -0.44 0.00	28.76 -0.58 -0.14	30.61 -0.22 -0.07	33.89 -0.24 -0.14	33.11 -0.40 -0.14	32.29 -0.59 -5.87	22.60 -0.37 -0.07	21.62 -0.11 0.00
NEG CENTRAL___STATE_STREET 24147	21.49 0.11 0.00	19.51 0.14 0.00	18.11 0.07 0.00	18.68 0.04 0.00	19.91 -0.06 0.00	20.73 -0.13 0.00	21.91 -0.15 0.00	22.39 -0.16 0.00	21.65 -0.11 0.00	22.17 -0.09 0.00	22.21 -0.04 0.00	21.79 -0.04 0.00	21.29 -0.09 0.00	21.21 -0.04 0.00	21.24 -0.06 0.00	23.05 -0.14 0.00	29.02 -0.20 -0.02	30.80 0.03 -0.01	34.08 0.07 -0.02	33.32 -0.07 -0.02	27.58 -0.22 -0.79	22.74 -0.16 -0.01	21.73 0.00 0.00
NEG MILLWOOD___DRP 24198	22.69 1.30 0.00	20.51 1.14 0.00	18.96 0.92 0.00	19.50 0.86 0.00	20.67 0.70 0.00	21.61 0.75 0.00	23.08 1.01 0.00	23.59 1.04 0.00	22.69 0.94 0.00	23.22 0.96 0.00	23.19 0.93 0.00	22.77 0.94 0.00	22.29 0.92 0.00	22.17 0.91 0.00	22.28 0.98 0.00	24.37 1.18 0.00	30.87 1.66 0.00	32.91 2.15 0.00	36.54 2.55 0.00	35.77 2.40 0.00	28.60 1.59 0.00	24.29 1.40 0.00	23.23 1.50 0.00
NEG NORTH_FLCN_SEA 23793	20.05 -1.33 0.01	18.12 -1.24 0.01	17.44 -0.60 0.00	17.73 -0.91 0.00	19.47 -0.50 0.00	20.82 -0.04 0.00	21.75 -0.31 0.00	22.33 -0.23 0.00	21.58 -0.17 0.00	22.15 -0.11 0.00	22.10 -0.16 0.00	21.53 -0.31 0.00	21.05 -0.32 0.00	20.81 -0.45 0.00	20.66 -0.64 0.00	22.26 -0.93 0.00	27.80 -1.40 0.00	0.18 -1.97 28.60	-7.36 -2.21 39.15	31.47 -1.90 0.00	0.19 -1.30 25.52	12.32 -1.17 9.41	-7.08 -1.39 27.42
NEG NORTH_KES_CHATEGAY 23792	19.99 -1.39 0.01	18.05 -1.32 0.01	17.37 -0.67 0.00	17.65 -0.99 0.00	19.41 -0.56 0.00	20.69 -0.17 0.00	21.78 -0.29 0.00	22.33 -0.23 0.00	21.56 -0.20 0.00	22.13 -0.13 0.00	22.10 -0.16 0.00	21.53 -0.31 0.00	21.05 -0.32 0.00	20.81 -0.45 0.00	20.66 -0.64 0.00	22.28 -0.90 0.00	27.86 -1.34 0.00	-1.66 -1.94 30.48	-9.93 -2.21 41.71	31.30 -2.07 0.00	-1.59 -1.40 27.19	11.59 -1.28 10.03	-9.01 -1.52 29.22
NEG NORTH___ALICE_FALLS 23915	20.05 -1.33 0.01	18.12 -1.24 0.01	17.43 -0.61 0.00	17.73 -0.91 0.00	19.47 -0.50 0.00	20.79 -0.06 0.00	21.80 -0.26 0.00	22.37 -0.18 0.00	21.63 -0.13 0.00	22.19 -0.07 0.00	22.17 -0.09 0.00	21.57 -0.26 0.00	21.10 -0.28 0.00	20.87 -0.38 0.00	20.71 -0.60 0.00	22.35 -0.83 0.00	27.92 -1.29 0.00	0.01 -1.85 28.90	-7.47 -1.90 39.55	31.54 -1.84 0.00	0.01 -1.22 25.79	12.31 -1.08 9.51	-7.28 -1.30 27.71
NEG NORTH___LWR_SARANAC 23913	20.05 -1.33 0.01	18.12 -1.24 0.01	17.43 -0.61 0.00	17.73 -0.91 0.00	19.47 -0.50 0.00	20.79 -0.06 0.00	21.80 -0.26 0.00	22.37 -0.18 0.00	21.63 -0.13 0.00	22.19 -0.07 0.00	22.17 -0.09 0.00	21.57 -0.26 0.00	21.10 -0.28 0.00	20.87 -0.38 0.00	20.71 -0.60 0.00	22.35 -0.83 0.00	27.92 -1.29 0.00	0.01 -1.85 28.90	-7.47 -1.90 39.55	31.54 -1.84 0.00	0.01 -1.22 25.79	12.31 -1.08 9.51	-7.28 -1.30 27.71
NEG NORTH___PLATTSBURG 23628	20.05 -1.33 0.01	18.12 -1.24 0.01	17.43 -0.61 0.00	17.71 -0.93 0.00	19.45 -0.52 0.00	20.79 -0.06 0.00	21.80 -0.26 0.00	22.37 -0.18 0.00	21.63 -0.13 0.00	22.19 -0.07 0.00	22.17 -0.09 0.00	21.57 -0.26 0.00	21.10 -0.28 0.00	20.87 -0.38 0.00	20.71 -0.60 0.00	22.35 -0.83 0.00	27.92 -1.28 0.00	0.01 -1.84 28.90	-7.43 -1.87 39.55	31.50 -1.87 0.00	0.01 -1.21 25.79	12.31 -1.08 9.51	-7.28 -1.30 27.71
NEG WEST_LEA_LOCKPORT 23791	19.82 -1.56 0.00	17.90 -1.47 0.00	16.67 -1.37 0.00	16.98 -1.66 0.00	17.99 -1.98 0.00	18.56 -2.29 0.00	19.70 -2.36 0.00	19.89 -2.66 0.00	19.32 -2.44 0.00	19.86 -2.40 0.00	19.98 -2.27 0.00	19.69 -2.14 0.00	19.07 -2.31 0.00	19.05 -2.21 0.00	18.89 -2.41 0.00	20.15 -3.04 0.00	25.01 -4.18 0.02	26.72 -4.03 0.01	29.49 -4.49 0.02	28.75 -4.61 0.02	21.99 -4.05 0.96	19.89 -3.00 0.01	19.51 -2.22 0.00
NEG WEST___LANCASTR 23811	20.85 -0.53 0.00	18.83 -0.54 0.00	17.46 -0.58 0.00	17.84 -0.80 0.00	18.89 -1.08 0.00	19.56 -1.29 0.00	20.87 -1.19 0.00	21.13 -1.42 0.00	20.56 -1.20 0.00	21.08 -1.18 0.00	21.16 -1.09 0.00	20.85 -0.98 0.00	20.22 -1.15 0.00	20.11 -1.15 0.00	20.00 -1.30 0.00	21.43 -1.76 0.00	26.48 -2.72 0.01	28.47 -2.28 0.01	31.22 -2.75 0.01	29.72 -3.64 0.01	22.70 -3.54 0.77	21.24 -1.65 0.01	20.67 -1.06 0.00
NEG_PENN_ALLEGHNY 23528	21.66 0.28 0.00	19.62 0.25 0.00	18.24 0.20 0.00	18.83 0.19 0.00	20.01 0.04 0.00	20.79 -0.06 0.00	22.02 -0.04 0.00	22.49 -0.07 0.00	21.78 0.02 0.00	22.26 0.00 0.00	22.23 -0.02 0.00	21.88 0.04 0.00	21.37 0.00 0.00	21.21 -0.04 0.00	21.28 -0.02 0.00	23.10 -0.09 0.00	29.10 -0.12 -0.01	30.91 0.15 0.00	34.13 0.14 -0.01	33.41 0.03 -0.01	27.00 -0.22 -0.20	22.90 0.00 0.00	21.93 0.20 0.00
NEG___GEN_MONROE 24207	20.49 -0.90 0.00	18.54 -0.83 0.00	17.30 -0.74 0.00	17.75 -0.89 0.00	18.87 -1.10 0.00	19.58 -1.27 0.00	20.70 -1.37 0.00	20.95 -1.60 0.00	20.28 -1.48 0.00	20.79 -1.47 0.00	20.90 -1.36 0.00	20.57 -1.27 0.00	20.01 -1.37 0.00	19.92 -1.34 0.00	19.83 -1.47 0.00	21.31 -1.88 0.00	26.70 -2.48 0.02	28.41 -2.34 0.01	31.49 -2.48 0.02	30.81 -2.54 0.02	23.82 -2.21 0.97	21.12 -1.76 0.01	20.47 -1.26 0.00
NEPA___ENERGY 23901	20.62 -0.77 0.00	18.62 -0.76 0.00	17.30 -0.74 0.00	17.63 -1.01 0.00	18.65 -1.32 0.00	19.31 -1.54 0.00	20.61 -1.46 0.00	20.86 -1.69 0.00	20.30 -1.46 0.00	20.79 -1.47 0.00	20.87 -1.38 0.00	20.57 -1.27 0.00	19.92 -1.45 0.00	19.79 -1.47 0.00	19.70 -1.60 0.00	21.10 -2.09 0.00	26.16 -3.04 0.01	28.04 -2.71 0.01	30.85 -3.13 0.01	29.89 -3.47 0.01	23.02 -3.21 0.78	20.94 -1.95 0.01	20.38 -1.35 0.00
NEVERSINK___HYD 23608	22.69 1.30 0.00	20.51 1.14 0.00	18.96 0.92 0.00	19.52 0.88 0.00	20.71 0.74 0.00	21.61 0.75 0.00	23.06 0.99 0.00	23.54 0.99 0.00	22.60 0.85 0.00	23.11 0.85 0.00	23.12 0.87 0.00	22.68 0.85 0.00	22.21 0.83 0.00	22.13 0.87 0.00	22.18 0.87 0.00	24.23 1.04 0.00	30.67 1.46 0.00	32.78 2.03 0.00	36.40 2.41 0.00	35.67 2.30 0.00	28.52 1.51 0.01	24.20 1.30 0.00	23.12 1.39 0.00
NEWKRMKL_115KV_TB1 55635	22.33 0.94 0.00	20.20 0.83 0.00	18.74 0.70 0.00	19.35 0.71 0.00	20.53 0.56 0.00	21.46 0.60 0.00	22.73 0.66 0.00	23.27 0.72 0.00	22.43 0.67 0.00	22.99 0.73 0.00	22.99 0.73 0.00	22.53 0.70 0.00	22.08 0.71 0.00	21.96 0.70 0.00	22.05 0.75 0.00	24.07 0.88 0.00	30.40 1.20 0.00	32.20 1.45 0.00	35.72 1.73 0.00	34.97 1.60 0.00	28.12 1.11 0.00	23.86 0.96 0.00	22.77 1.04 0.00

NEWTON___FALLS_HYD 23847	20.31 -1.07 0.00	18.38 -0.99 0.00	17.23 -0.81 0.00	17.82 -0.82 0.00	19.25 -0.72 0.00	20.21 -0.65 0.00	21.34 -0.73 0.00	21.79 -0.77 0.00	20.99 -0.76 0.00	21.48 -0.78 0.00	21.43 -0.82 0.00	20.98 -0.85 0.00	20.52 -0.85 0.00	20.41 -0.85 0.00	20.45 -0.85 0.00	22.28 -0.90 0.00	28.07 -1.14 0.00	32.52 -1.23 -3.00	36.82 -1.26 -4.09	32.17 -1.20 0.00	28.79 -0.89 -2.68	23.10 -0.78 -0.99	23.69 -0.91 -2.87
NGRID_A1_DSASP 323792	19.35 -2.03 0.00	17.51 -1.86 0.00	16.31 -1.73 0.00	16.93 -1.71 0.00	17.83 -2.14 0.00	18.19 -2.67 0.00	19.15 -2.91 0.00	19.51 -3.05 0.00	19.21 -2.55 0.00	19.48 -2.78 0.00	19.38 -2.87 0.00	19.32 -2.51 0.00	18.68 -2.69 0.00	18.39 -2.87 0.00	18.51 -2.79 0.00	19.76 -3.43 0.00	24.58 -4.61 0.02	26.16 -4.58 0.01	28.71 -5.27 0.02	28.25 -5.11 0.02	21.57 -4.46 0.98	19.63 -3.25 0.01	19.19 -2.54 0.00
NGRID_A2_DSASP 323793	19.35 -2.03 0.00	17.51 -1.86 0.00	16.31 -1.73 0.00	16.93 -1.71 0.00	17.83 -2.14 0.00	18.19 -2.67 0.00	19.15 -2.91 0.00	19.51 -3.05 0.00	19.21 -2.55 0.00	19.48 -2.78 0.00	19.38 -2.87 0.00	19.32 -2.51 0.00	18.68 -2.69 0.00	18.39 -2.87 0.00	18.51 -2.79 0.00	19.76 -3.43 0.00	24.58 -4.61 0.02	26.16 -4.58 0.01	28.71 -5.27 0.02	28.25 -5.11 0.02	21.57 -4.46 0.98	19.63 -3.25 0.01	19.19 -2.54 0.00
NGRID_A4_DSASP 323807	19.35 -2.03 0.00	17.51 -1.86 0.00	16.31 -1.73 0.00	16.93 -1.71 0.00	17.83 -2.14 0.00	18.19 -2.67 0.00	19.15 -2.91 0.00	19.51 -3.05 0.00	19.21 -2.55 0.00	19.48 -2.78 0.00	19.38 -2.87 0.00	19.32 -2.51 0.00	18.68 -2.69 0.00	18.39 -2.87 0.00	18.51 -2.79 0.00	19.76 -3.43 0.00	24.58 -4.61 0.02	26.16 -4.58 0.01	28.71 -5.27 0.02	28.25 -5.11 0.02	21.57 -4.46 0.98	19.63 -3.25 0.01	19.19 -2.54 0.00
NIAGARA_115E_LBMP 323715	19.55 -1.84 0.00	17.67 -1.70 0.00	16.45 -1.59 0.00	17.07 -1.57 0.00	17.99 -1.98 0.00	18.25 -2.61 0.00	19.20 -2.87 0.00	19.55 -3.00 0.00	19.28 -2.48 0.00	19.52 -2.74 0.00	19.45 -2.80 0.00	19.37 -2.47 0.00	18.74 -2.63 0.00	18.43 -2.83 0.00	18.57 -2.73 0.00	19.80 -3.39 0.00	24.66 -4.53 0.02	26.25 -4.49 0.01	28.84 -5.13 0.02	28.31 -5.04 0.02	21.65 -4.40 0.96	19.73 -3.16 0.01	19.23 -2.50 0.00
NIAGARA_115W_LBMP 323714	19.31 -2.07 0.00	17.47 -1.90 0.00	16.27 -1.77 0.00	16.89 -1.75 0.00	17.79 -2.18 0.00	18.15 -2.71 0.00	19.11 -2.96 0.00	19.46 -3.09 0.00	19.17 -2.59 0.00	19.43 -2.83 0.00	19.34 -2.91 0.00	19.26 -2.58 0.00	18.64 -2.74 0.00	18.34 -2.91 0.00	18.47 -2.83 0.00	19.71 -3.48 0.00	24.52 -4.67 0.02	26.10 -4.64 0.01	28.64 -5.34 0.02	28.18 -5.17 0.02	21.51 -4.51 0.99	19.59 -3.30 0.01	19.12 -2.61 0.00
NIAGARA_230_LBMP 323716	19.65 -1.73 0.00	17.78 -1.59 0.00	16.58 -1.46 0.00	17.19 -1.45 0.00	18.11 -1.86 0.00	18.50 -2.36 0.00	19.48 -2.58 0.00	19.85 -2.71 0.00	19.54 -2.22 0.00	19.81 -2.45 0.00	19.72 -2.54 0.00	19.63 -2.20 0.00	19.00 -2.37 0.00	18.70 -2.55 0.00	18.83 -2.47 0.00	20.10 -3.08 0.00	25.04 -4.15 0.02	26.66 -4.09 0.01	29.25 -4.72 0.02	28.75 -4.61 0.02	22.00 -4.00 1.01	20.00 -2.89 0.01	19.49 -2.24 0.00
NIAGARA___115KV_198_GIBSON 55903	19.31 -2.07 0.00	17.43 -1.94 0.00	16.27 -1.77 0.00	16.57 -2.07 0.00	17.55 -2.42 0.00	18.19 -2.67 0.00	19.28 -2.78 0.00	19.46 -3.09 0.00	18.88 -2.87 0.00	19.41 -2.85 0.00	19.54 -2.72 0.00	19.26 -2.58 0.00	18.64 -2.74 0.00	18.64 -2.61 0.00	18.47 -2.83 0.00	19.69 -3.50 0.00	24.46 -4.73 0.02	26.07 -4.67 0.01	28.74 -5.23 0.02	28.08 -5.27 0.02	21.46 -4.56 0.99	19.41 -3.48 0.01	19.06 -2.67 0.00
NIAGARA____ 23760	19.65 -1.73 0.00	17.78 -1.59 0.00	16.58 -1.46 0.00	17.19 -1.45 0.00	18.11 -1.86 0.00	18.50 -2.36 0.00	19.48 -2.58 0.00	19.85 -2.71 0.00	19.54 -2.22 0.00	19.81 -2.45 0.00	19.72 -2.54 0.00	19.63 -2.20 0.00	19.00 -2.37 0.00	18.70 -2.55 0.00	18.83 -2.47 0.00	20.10 -3.08 0.00	25.04 -4.15 0.02	26.66 -4.09 0.01	29.25 -4.72 0.02	28.75 -4.61 0.02	22.02 -4.00 0.99	20.00 -2.89 0.01	19.49 -2.24 0.00
NINE_MILE_1 23575	21.00 -0.38 0.00	19.02 -0.35 0.00	17.71 -0.32 0.00	18.30 -0.33 0.00	19.51 -0.46 0.00	20.31 -0.54 0.00	21.34 -0.73 0.00	21.76 -0.79 0.00	21.06 -0.70 0.00	21.53 -0.73 0.00	21.52 -0.73 0.00	21.13 -0.70 0.00	20.69 -0.68 0.00	20.53 -0.72 0.00	20.60 -0.70 0.00	22.38 -0.81 0.00	28.18 -1.02 0.00	29.77 -0.99 0.00	32.94 -1.05 0.00	32.30 -1.07 0.00	26.05 -0.97 -0.01	22.14 -0.75 0.00	21.17 -0.57 0.00
NINE_MILE_2 23744	21.00 -0.38 0.00	19.02 -0.35 0.00	17.71 -0.32 0.00	18.30 -0.33 0.00	19.51 -0.46 0.00	20.34 -0.52 0.00	21.34 -0.73 0.00	21.76 -0.79 0.00	21.06 -0.70 0.00	21.53 -0.73 0.00	21.52 -0.73 0.00	21.16 -0.68 0.00	20.69 -0.68 0.00	20.55 -0.70 0.00	20.62 -0.68 0.00	22.38 -0.81 0.00	28.18 -1.02 0.00	29.77 -0.99 0.00	32.94 -1.05 0.00	32.30 -1.07 0.00	26.07 -0.95 -0.01	22.14 -0.75 0.00	21.17 -0.57 0.00
NM_CAPITAL___DRP 24208	22.24 0.86 0.00	20.15 0.77 0.00	18.69 0.65 0.00	19.29 0.65 0.00	20.47 0.50 0.00	21.40 0.54 0.00	22.64 0.57 0.00	23.18 0.63 0.00	22.34 0.59 0.00	22.91 0.65 0.00	22.90 0.65 0.00	22.44 0.61 0.00	21.99 0.62 0.00	21.89 0.64 0.00	21.96 0.66 0.00	24.00 0.81 0.00	30.29 1.08 0.00	32.11 1.35 0.00	35.62 1.63 0.00	34.87 1.50 0.00	28.04 1.03 0.00	23.79 0.89 0.00	22.71 0.98 0.00
NM_CENTRAL___DRP 24181	21.36 -0.02 0.00	19.35 -0.02 0.00	18.00 -0.04 0.00	18.57 -0.07 0.00	19.79 -0.18 0.00	20.54 -0.31 0.00	21.69 -0.38 0.00	22.12 -0.43 0.00	21.41 -0.35 0.00	21.93 -0.33 0.00	21.94 -0.31 0.00	21.55 -0.28 0.00	21.08 -0.30 0.00	20.98 -0.28 0.00	21.00 -0.30 0.00	22.79 -0.39 0.00	28.65 -0.55 0.00	30.29 -0.46 0.00	33.51 -0.48 0.00	32.80 -0.57 0.00	26.47 -0.54 0.00	22.51 -0.39 0.00	21.51 -0.22 0.00
NM_FRONTIER___DRP 24179	19.31 -2.07 0.00	17.43 -1.94 0.00	16.27 -1.77 0.00	16.57 -2.07 0.00	17.55 -2.42 0.00	18.19 -2.67 0.00	19.28 -2.78 0.00	19.46 -3.09 0.00	18.88 -2.87 0.00	19.41 -2.85 0.00	19.54 -2.72 0.00	19.26 -2.58 0.00	18.64 -2.74 0.00	18.64 -2.61 0.00	18.47 -2.83 0.00	19.69 -3.50 0.00	24.46 -4.73 0.02	26.07 -4.67 0.01	28.74 -5.23 0.02	28.08 -5.27 0.02	21.46 -4.56 0.99	19.41 -3.48 0.01	19.06 -2.67 0.00
NM_ST_REGIS___HYD 24053	20.01 -1.37 0.01	18.12 -1.24 0.01	17.12 -0.92 0.00	17.65 -0.99 0.00	19.25 -0.72 0.00	20.40 -0.46 0.00	21.53 -0.53 0.00	22.08 -0.47 0.00	21.28 -0.48 0.00	21.79 -0.47 0.00	21.76 -0.49 0.00	21.27 -0.57 0.00	20.82 -0.56 0.00	20.66 -0.60 0.00	20.64 -0.66 0.00	22.42 -0.77 0.00	28.01 -1.20 0.00	36.70 -1.60 -7.54	42.45 -1.84 -10.30	31.67 -1.70 0.00	32.63 -1.11 -6.73	24.41 -0.96 -2.48	27.71 -1.24 -7.22

NORTHPORT___1 23551	22.71 1.33 0.00	20.55 1.18 0.00	18.90 0.87 0.00	19.39 0.75 0.00	20.69 0.72 0.00	21.73 0.88 0.00	25.08 1.23 -1.78	23.81 1.26 0.00	22.71 0.96 0.00	23.24 0.98 0.00	23.23 0.98 0.00	22.68 0.85 0.00	22.25 0.88 0.00	22.23 0.98 0.00	22.30 1.00 0.00	24.42 1.23 0.00	30.78 1.58 0.00	32.94 2.18 0.00	36.78 2.52 -0.27	35.61 2.24 0.00	31.80 1.59 -3.20	29.69 1.47 -5.33	23.38 1.65 0.00
NORTHPORT___2 23552	22.71 1.33 0.00	20.55 1.18 0.00	18.90 0.87 0.00	19.39 0.75 0.00	20.69 0.72 0.00	21.73 0.88 0.00	25.08 1.23 -1.78	23.81 1.26 0.00	22.71 0.96 0.00	23.24 0.98 0.00	23.23 0.98 0.00	22.68 0.85 0.00	22.25 0.88 0.00	22.23 0.98 0.00	22.30 1.00 0.00	24.42 1.23 0.00	30.78 1.58 0.00	32.94 2.18 0.00	36.78 2.52 -0.27	35.61 2.24 0.00	31.80 1.59 -3.20	29.69 1.47 -5.33	23.38 1.65 0.00
NORTHPORT___3 23553	22.99 1.60 0.00	20.77 1.40 0.00	19.12 1.08 0.00	19.63 0.99 0.00	20.89 0.92 0.00	21.92 1.06 0.00	25.30 1.46 -1.78	24.04 1.49 0.00	23.00 1.24 0.00	23.53 1.27 0.00	23.57 1.31 0.00	23.03 1.20 0.00	22.61 1.24 0.00	22.57 1.32 0.00	22.64 1.34 0.00	24.77 1.58 0.00	31.31 2.10 0.00	33.49 2.74 0.00	37.43 3.16 -0.28	36.24 2.87 0.00	32.32 2.11 -3.20	30.04 1.81 -5.33	23.64 1.91 0.00
NORTHPORT___4 23650	22.99 1.60 0.00	20.77 1.40 0.00	19.12 1.08 0.00	19.63 0.99 0.00	20.89 0.92 0.00	21.92 1.06 0.00	25.30 1.46 -1.78	24.04 1.49 0.00	23.00 1.24 0.00	23.53 1.27 0.00	23.57 1.31 0.00	23.03 1.20 0.00	22.61 1.24 0.00	22.57 1.32 0.00	22.64 1.34 0.00	24.77 1.58 0.00	31.31 2.10 0.00	33.49 2.74 0.00	37.43 3.16 -0.28	36.24 2.87 0.00	32.32 2.11 -3.20	30.04 1.81 -5.33	23.64 1.91 0.00
NORTHPORT___IC 23718	22.71 1.33 0.00	20.55 1.18 0.00	18.96 0.92 0.00	19.50 0.86 0.00	20.79 0.82 0.00	21.86 1.00 0.00	25.10 1.26 -1.78	23.82 1.26 0.00	22.80 1.04 0.00	23.26 1.00 0.00	23.19 0.93 0.00	22.68 0.85 0.00	22.25 0.88 0.00	22.15 0.89 0.00	22.30 1.00 0.00	24.42 1.23 0.00	30.93 1.72 0.00	32.97 2.21 0.00	36.81 2.55 -0.27	35.67 2.30 0.00	31.83 1.62 -3.20	29.76 1.53 -5.33	23.47 1.74 0.00
NORTH___COUNTRY_ESR 323785	19.95 -1.43 0.01	18.01 -1.36 0.01	17.34 -0.70 0.00	17.60 -1.04 0.00	19.35 -0.62 0.00	20.65 -0.21 0.00	21.75 -0.31 0.00	22.28 -0.27 0.00	21.54 -0.22 0.00	22.11 -0.15 0.00	22.08 -0.18 0.00	21.51 -0.33 0.00	21.03 -0.34 0.00	20.81 -0.45 0.00	20.64 -0.66 0.00	22.26 -0.93 0.00	27.81 -1.40 0.00	-1.76 -2.00 30.52	-9.95 -2.18 41.77	31.24 -2.14 0.00	-1.68 -1.46 27.23	11.53 -1.33 10.04	-9.09 -1.56 29.26
NPX_GEN_1385_PROXY 323591	22.63 1.24 0.00	20.55 1.18 0.00	18.90 0.87 0.00	19.27 0.63 0.00	20.69 0.72 0.00	21.67 0.81 0.00	24.97 1.12 -1.78	23.81 1.26 0.00	22.71 0.96 0.00	23.24 0.98 0.00	23.08 0.82 0.00	22.42 0.59 0.00	22.00 0.62 0.00	21.94 0.68 0.00	22.00 0.70 0.00	24.14 0.95 0.00	30.40 1.20 0.00	32.54 1.78 0.00	36.27 2.00 -0.27	34.00 1.83 1.21	32.71 1.30 -4.40	28.27 0.82 -4.55	23.14 1.43 0.02
NPX_GEN_CSC 323557	22.67 1.28 0.00	20.49 1.12 0.00	18.83 0.79 0.00	19.33 0.69 0.00	20.81 0.84 0.00	22.07 1.21 0.00	25.41 1.57 -1.78	23.93 1.38 0.00	22.54 0.78 0.00	23.04 0.78 0.00	23.03 0.78 0.00	22.47 0.63 0.00	22.04 0.66 0.00	22.04 0.79 0.00	22.15 0.85 0.00	24.28 1.09 0.00	30.75 1.55 0.00	33.15 2.40 0.00	36.99 2.72 -0.28	34.50 2.34 1.21	33.12 1.70 -4.40	29.74 1.49 -5.35	23.28 1.57 0.02
NSINS_S_GLNS_FALLS 23858	22.52 1.13 0.00	20.32 0.95 0.00	18.85 0.81 0.00	19.50 0.86 0.00	20.71 0.74 0.00	21.67 0.81 0.00	23.01 0.95 0.00	23.55 0.99 0.00	22.76 1.00 0.00	23.26 1.00 0.00	23.26 1.00 0.00	22.75 0.92 0.00	22.29 0.92 0.00	22.17 0.91 0.00	22.22 0.92 0.00	24.30 1.11 0.00	30.73 1.52 0.00	32.63 1.88 0.00	36.30 2.31 0.00	35.51 2.14 0.00	28.44 1.43 0.00	24.04 1.14 0.00	22.95 1.22 0.00
NUCOR_STEEL___DRP 24197	21.58 0.19 0.00	19.60 0.23 0.00	18.20 0.16 0.00	18.77 0.13 0.00	20.01 0.04 0.00	20.84 -0.02 0.00	22.00 -0.07 0.00	22.46 -0.09 0.00	21.69 -0.07 0.00	22.22 -0.04 0.00	22.25 0.00 0.00	21.81 -0.02 0.00	21.33 -0.04 0.00	21.23 -0.02 0.00	21.26 -0.04 0.00	23.07 -0.12 0.00	29.04 -0.18 -0.01	30.79 0.03 0.00	34.06 0.07 -0.01	33.34 -0.03 -0.01	27.08 -0.16 -0.23	22.81 -0.09 0.00	21.80 0.07 0.00
NUMBER_THREE_WT_PWR 323818	21.15 -0.23 0.00	19.14 -0.23 0.00	17.86 -0.18 0.00	18.49 -0.15 0.00	19.83 -0.14 0.00	20.69 -0.17 0.00	21.84 -0.22 0.00	22.26 -0.29 0.00	21.45 -0.30 0.00	21.95 -0.31 0.00	21.90 -0.36 0.00	21.46 -0.37 0.00	20.97 -0.41 0.00	20.85 -0.40 0.00	20.92 -0.38 0.00	22.84 -0.35 0.00	28.91 -0.29 0.00	32.00 -0.06 -1.31	35.88 0.10 -1.79	33.44 0.07 0.00	28.15 -0.03 -1.17	23.28 -0.05 -0.43	22.92 -0.06 -1.25
NYISO_LBMP_REFERENCE 24008	21.39 0.00 0.00	19.37 0.00 0.00	18.04 0.00 0.00	18.64 0.00 0.00	19.97 0.00 0.00	20.86 0.00 0.00	22.06 0.00 0.00	22.55 0.00 0.00	21.76 0.00 0.00	22.26 0.00 0.00	22.25 0.00 0.00	21.83 0.00 0.00	21.37 0.00 0.00	21.26 0.00 0.00	21.30 0.00 0.00	23.19 0.00 0.00	29.21 0.00 0.00	30.75 0.00 0.00	33.99 0.00 0.00	33.37 0.00 0.00	27.01 0.00 0.00	22.89 0.00 0.00	21.73 0.00 0.00
NYPA_BRENTWD___GT 24164	22.97 1.58 0.00	20.75 1.38 0.00	19.08 1.05 0.00	19.59 0.95 0.00	20.89 0.92 0.00	21.98 1.13 0.00	25.34 1.50 -1.78	24.04 1.49 0.00	22.91 1.15 0.00	23.46 1.20 0.00	23.46 1.20 0.00	22.88 1.05 0.00	22.44 1.07 0.00	22.42 1.17 0.00	22.52 1.21 0.00	24.67 1.49 0.00	31.16 1.96 0.00	33.43 2.67 0.00	37.36 3.09 -0.28	36.14 2.77 0.00	32.23 2.03 -3.20	30.01 1.79 -5.33	23.64 1.91 0.00
NYPA_GOWANUS___GT5 24156	22.78 1.39 -0.01	20.62 1.24 -0.01	18.99 0.96 0.00	19.52 0.88 0.00	20.55 0.58 0.00	21.44 0.58 0.00	22.97 0.90 0.00	23.50 0.95 0.00	22.54 0.78 0.00	23.11 0.85 0.00	23.19 0.93 0.00	22.75 0.92 0.00	22.34 0.96 0.00	22.30 1.04 0.00	22.32 1.02 0.00	24.35 1.16 0.00	30.87 1.66 0.00	32.95 2.18 -0.01	36.51 2.52 -0.01	35.72 2.34 -0.01	28.52 1.51 0.00	24.24 1.35 0.00	23.37 1.63 -0.01
NYPA_GOWANUS___GT6 24157	22.78 1.39 -0.01	20.62 1.24 -0.01	18.99 0.96 0.00	19.52 0.88 0.00	20.55 0.58 0.00	21.44 0.58 0.00	22.97 0.90 0.00	23.50 0.95 0.00	22.54 0.78 0.00	23.11 0.85 0.00	23.19 0.93 0.00	22.75 0.92 0.00	22.34 0.96 0.00	22.30 1.04 0.00	22.32 1.02 0.00	24.35 1.16 0.00	30.87 1.66 0.00	32.95 2.18 -0.01	36.51 2.52 -0.01	35.72 2.34 -0.01	28.52 1.51 0.00	24.24 1.35 0.00	23.37 1.63 -0.01

NYPA_HARLEM__RVR__GT1 24160	22.81 1.41 -0.02	20.64 1.26 -0.02	19.03 0.97 -0.02	19.55 0.89 -0.02	20.57 0.58 -0.02	21.40 0.54 0.00	22.90 0.84 0.00	23.31 0.77 0.01	22.38 0.63 0.01	22.94 0.69 0.01	23.00 0.76 0.01	22.57 0.74 0.01	22.16 0.79 0.01	22.14 0.89 0.01	22.15 0.85 0.01	24.15 0.97 0.01	30.57 1.37 0.01	32.59 1.85 0.01	36.17 2.18 0.00	35.33 1.97 0.01	28.31 1.30 0.00	24.11 1.21 0.00	23.30 1.57 0.00
NYPA_HARLEM__RVR__GT2 24161	22.81 1.41 -0.02	20.64 1.26 -0.02	19.03 0.97 -0.02	19.55 0.89 -0.02	20.57 0.58 -0.02	21.40 0.54 0.00	22.90 0.84 0.00	23.31 0.77 0.01	22.38 0.63 0.01	22.94 0.69 0.01	23.00 0.76 0.01	22.57 0.74 0.01	22.16 0.79 0.01	22.14 0.89 0.01	22.15 0.85 0.01	24.15 0.97 0.01	30.57 1.37 0.01	32.59 1.85 0.01	36.17 2.18 0.00	35.33 1.97 0.01	28.31 1.30 0.00	24.11 1.21 0.00	23.30 1.57 0.00
NYPA_KENT____GT 24152	22.72 1.33 0.00	20.56 1.18 0.00	18.94 0.90 0.00	19.46 0.82 0.00	20.53 0.56 0.00	21.42 0.56 0.00	22.95 0.88 0.00	23.46 0.90 0.00	22.52 0.76 0.00	23.08 0.82 0.00	23.17 0.91 0.00	22.71 0.87 0.00	22.29 0.92 0.00	22.26 1.00 0.00	22.28 0.98 0.00	24.30 1.11 0.00	30.78 1.58 0.00	32.85 2.09 -0.01	36.41 2.41 0.00	35.61 2.24 0.00	28.47 1.46 0.00	24.20 1.30 0.00	23.30 1.57 0.00
NYPA_POUCH1____GT 24155	22.76 1.37 -0.01	20.60 1.22 -0.01	18.98 0.94 0.00	19.50 0.86 0.00	20.49 0.52 0.00	21.34 0.48 0.00	22.88 0.82 0.00	23.41 0.86 0.00	22.45 0.70 0.00	23.02 0.76 0.00	23.10 0.85 0.00	22.66 0.83 0.00	22.25 0.88 0.00	22.21 0.96 0.00	22.24 0.94 0.00	24.26 1.07 0.00	30.78 1.58 0.00	32.86 2.09 -0.01	36.41 2.41 -0.01	35.62 2.24 -0.01	28.41 1.40 0.00	24.15 1.26 0.00	23.35 1.61 -0.01
NYPA_VERNON____GT2 24162	22.65 1.26 0.00	20.50 1.12 0.00	18.90 0.87 0.00	19.42 0.78 0.00	20.51 0.54 0.00	21.40 0.54 0.00	22.92 0.86 0.00	23.43 0.88 0.00	22.47 0.72 0.00	23.04 0.78 0.00	23.12 0.87 0.00	22.66 0.83 0.00	22.25 0.88 0.00	22.21 0.96 0.00	22.24 0.94 0.00	24.26 1.07 0.00	30.70 1.49 0.00	32.75 2.00 0.00	36.30 2.31 0.00	35.51 2.14 0.00	28.39 1.38 0.00	24.15 1.26 0.00	23.23 1.50 0.00
NYPA_VERNON____GT3 24163	22.65 1.26 0.00	20.50 1.12 0.00	18.90 0.87 0.00	19.42 0.78 0.00	20.51 0.54 0.00	21.40 0.54 0.00	22.92 0.86 0.00	23.43 0.88 0.00	22.47 0.72 0.00	23.04 0.78 0.00	23.12 0.87 0.00	22.66 0.83 0.00	22.25 0.88 0.00	22.21 0.96 0.00	22.24 0.94 0.00	24.26 1.07 0.00	30.70 1.49 0.00	32.75 2.00 0.00	36.30 2.31 0.00	35.51 2.14 0.00	28.39 1.38 0.00	24.15 1.26 0.00	23.23 1.50 0.00
NYPA____ASTORIA_CC1 323568	22.63 1.24 0.00	20.47 1.10 0.00	18.89 0.85 0.00	19.40 0.76 0.00	20.49 0.52 0.00	21.36 0.50 0.00	22.88 0.82 0.00	23.39 0.83 0.00	22.45 0.70 0.00	22.99 0.73 0.00	23.08 0.82 0.00	22.64 0.81 0.00	22.21 0.83 0.00	22.19 0.93 0.00	22.20 0.89 0.00	24.23 1.04 0.00	30.64 1.43 0.00	32.69 1.94 0.00	36.23 2.24 0.00	35.44 2.07 0.00	28.36 1.35 0.00	24.13 1.24 0.00	23.21 1.48 0.00
NYPA____ASTORIA_CC2 323569	22.63 1.24 0.00	20.47 1.10 0.00	18.89 0.85 0.00	19.40 0.76 0.00	20.49 0.52 0.00	21.36 0.50 0.00	22.88 0.82 0.00	23.39 0.83 0.00	22.45 0.70 0.00	22.99 0.73 0.00	23.08 0.82 0.00	22.64 0.81 0.00	22.21 0.83 0.00	22.19 0.93 0.00	22.20 0.89 0.00	24.23 1.04 0.00	30.64 1.43 0.00	32.69 1.94 0.00	36.23 2.24 0.00	35.44 2.07 0.00	28.36 1.35 0.00	24.13 1.24 0.00	23.21 1.48 0.00
NYPA____HOLTSVILL 23794	22.80 1.41 0.00	20.61 1.24 0.00	18.96 0.92 0.00	19.46 0.82 0.00	20.79 0.82 0.00	21.92 1.06 0.00	25.28 1.43 -1.78	23.93 1.38 0.00	22.74 0.98 0.00	23.26 1.00 0.00	23.26 1.00 0.00	22.71 0.87 0.00	22.27 0.90 0.00	22.26 1.00 0.00	22.35 1.04 0.00	24.49 1.30 0.00	30.96 1.75 0.00	33.24 2.49 0.00	37.15 2.89 -0.28	35.91 2.54 0.00	32.04 1.84 -3.20	29.85 1.63 -5.33	23.47 1.74 0.00
NYPA____HELLGATE_GT1 24158	22.80 1.41 0.00	20.63 1.26 0.00	19.01 0.97 0.00	19.54 0.89 0.00	20.55 0.58 0.00	21.40 0.54 0.00	22.90 0.84 0.00	23.31 0.77 0.01	22.38 0.63 0.01	22.94 0.69 0.01	23.00 0.76 0.01	22.57 0.74 0.01	22.16 0.79 0.01	22.14 0.89 0.01	22.15 0.85 0.01	24.15 0.97 0.01	30.57 1.37 0.01	32.59 1.85 0.01	36.17 2.18 0.00	35.33 1.97 0.01	28.31 1.30 0.00	24.11 1.21 0.00	23.30 1.57 0.00
NYPA____HELLGATE_GT2 24159	22.80 1.41 0.00	20.63 1.26 0.00	19.01 0.97 0.00	19.54 0.89 0.00	20.55 0.58 0.00	21.40 0.54 0.00	22.90 0.84 0.00	23.31 0.77 0.01	22.38 0.63 0.01	22.94 0.69 0.01	23.00 0.76 0.01	22.57 0.74 0.01	22.16 0.79 0.01	22.14 0.89 0.01	22.15 0.85 0.01	24.15 0.97 0.01	30.57 1.37 0.01	32.59 1.85 0.01	36.17 2.18 0.00	35.33 1.97 0.01	28.31 1.30 0.00	24.11 1.21 0.00	23.30 1.57 0.00
NYS_BARGE____HYD 23848	19.83 -1.56 0.00	17.92 -1.45 0.00	16.67 -1.37 0.00	17.30 -1.34 0.00	18.23 -1.74 0.00	18.54 -2.32 0.00	19.53 -2.54 0.00	19.89 -2.66 0.00	19.58 -2.18 0.00	19.88 -2.38 0.00	19.78 -2.47 0.00	19.69 -2.14 0.00	19.07 -2.31 0.00	18.75 -2.51 0.00	18.89 -2.41 0.00	20.17 -3.01 0.00	25.13 -4.06 0.02	26.78 -3.97 0.01	29.42 -4.55 0.02	28.88 -4.47 0.02	22.08 -3.97 0.96	20.07 -2.82 0.01	19.58 -2.15 0.00
OAK_ORCHARD____HYD 24046	20.53 -0.86 0.00	18.58 -0.80 0.00	17.28 -0.76 0.00	17.91 -0.73 0.00	18.97 -1.00 0.00	19.61 -1.25 0.00	20.63 -1.43 0.00	21.09 -1.47 0.00	20.58 -1.18 0.00	20.97 -1.29 0.00	20.92 -1.33 0.00	20.72 -1.11 0.00	20.16 -1.22 0.00	19.89 -1.36 0.00	20.00 -1.30 0.00	21.52 -1.67 0.00	27.02 -2.16 0.02	28.71 -2.03 0.01	31.65 -2.31 0.02	31.14 -2.20 0.02	24.04 -2.00 0.98	21.32 -1.56 0.01	20.58 -1.15 0.00
OAKDALE__35_KV_LOAD 356122	21.64 0.26 0.00	19.60 0.23 0.00	18.22 0.18 0.00	18.75 0.11 0.00	19.97 0.00 0.00	20.77 -0.08 0.00	22.04 -0.02 0.00	22.46 -0.09 0.00	21.71 -0.04 0.00	22.22 -0.04 0.00	22.23 -0.02 0.00	21.83 0.00 0.00	21.35 -0.02 0.00	21.21 -0.04 0.00	21.26 -0.04 0.00	23.07 -0.12 0.00	29.04 -0.18 -0.01	30.85 0.09 0.00	34.10 0.10 -0.01	33.31 -0.07 -0.01	26.96 -0.27 -0.22	22.87 -0.02 0.00	21.90 0.17 0.00
OCC_CHEM____DRP 24175	19.35 -2.03 0.00	17.49 -1.88 0.00	16.31 -1.73 0.00	16.61 -2.03 0.00	17.59 -2.38 0.00	18.23 -2.63 0.00	19.33 -2.74 0.00	19.51 -3.04 0.00	18.95 -2.81 0.00	19.46 -2.80 0.00	19.58 -2.67 0.00	19.32 -2.51 0.00	18.68 -2.69 0.00	18.68 -2.57 0.00	18.51 -2.79 0.00	19.73 -3.46 0.00	24.52 -4.67 0.02	26.13 -4.61 0.01	28.81 -5.17 0.02	28.15 -5.21 0.02	21.52 -4.51 0.98	19.45 -3.43 0.01	19.10 -2.63 0.00

OH_GEN_PROXY 24063	17.94 -1.67 1.78	17.84 -1.53 0.00	16.63 -1.41 0.00	17.24 -1.40 0.00	18.03 -1.80 0.14	18.58 -2.27 0.00	19.57 -2.49 0.00	19.96 -2.59 0.00	19.62 -2.13 0.00	19.90 -2.36 0.00	19.83 -2.43 0.00	19.74 -2.10 0.00	19.11 -2.27 0.00	18.81 -2.44 0.00	18.94 -2.37 0.00	20.22 -2.97 0.00	25.19 -4.00 0.02	26.81 -3.94 0.01	29.42 -4.55 0.02	24.66 -4.44 4.27	19.87 -3.86 3.28	20.11 -2.79 -0.01	18.53 -2.15 1.05
OLIN_CORP_DRP 24177	19.59 -1.80 0.00	17.69 -1.69 0.00	16.49 -1.55 0.00	16.79 -1.85 0.00	17.79 -2.18 0.00	18.33 -2.52 0.00	19.44 -2.63 0.00	19.62 -2.93 0.00	19.06 -2.70 0.00	19.57 -2.69 0.00	19.70 -2.56 0.00	19.43 -2.40 0.00	18.79 -2.59 0.00	18.79 -2.47 0.00	18.62 -2.68 0.00	19.87 -3.32 0.00	24.66 -4.53 0.02	26.32 -4.43 0.01	29.01 -4.96 0.02	28.32 -5.04 0.02	21.65 -4.40 0.96	19.59 -3.30 0.01	19.23 -2.50 0.00
OLIN_CORP_DSASP 323712	19.35 -2.03 0.00	17.51 -1.86 0.00	16.31 -1.73 0.00	16.93 -1.71 0.00	17.83 -2.14 0.00	18.19 -2.67 0.00	19.15 -2.91 0.00	19.51 -3.05 0.00	19.21 -2.55 0.00	19.48 -2.78 0.00	19.38 -2.87 0.00	19.32 -2.51 0.00	18.68 -2.69 0.00	18.39 -2.87 0.00	18.51 -2.79 0.00	19.76 -3.43 0.00	24.58 -4.61 0.02	26.16 -4.58 0.01	28.71 -5.27 0.02	28.25 -5.11 0.02	21.57 -4.46 0.98	19.63 -3.25 0.01	19.19 -2.54 0.00
ONEIDA_HERK_LFGE 323681	21.64 0.26 0.00	19.58 0.21 0.00	18.26 0.22 0.00	18.88 0.24 0.00	20.21 0.24 0.00	21.07 0.21 0.00	22.28 0.22 0.00	22.76 0.20 0.00	21.95 0.20 0.00	22.48 0.22 0.00	22.45 0.20 0.00	22.03 0.20 0.00	21.53 0.15 0.00	21.43 0.17 0.00	21.49 0.19 0.00	23.42 0.23 0.00	29.59 0.38 0.00	31.94 0.58 -0.60	35.56 0.75 -0.83	34.07 0.70 0.00	28.01 0.46 -0.54	23.48 0.39 -0.20	22.70 0.39 -0.58
ONEIDA___115KV_TB4 55905	21.96 0.58 0.00	19.89 0.52 0.00	18.54 0.51 0.00	19.14 0.50 0.00	20.45 0.48 0.00	21.27 0.42 0.00	22.50 0.44 0.00	22.96 0.41 0.00	22.17 0.41 0.00	22.73 0.47 0.00	22.70 0.45 0.00	22.31 0.48 0.00	21.80 0.43 0.00	21.70 0.45 0.00	21.77 0.47 0.00	23.70 0.51 0.00	29.91 0.70 0.00	31.68 0.92 0.00	35.11 1.12 0.00	34.37 1.00 0.00	27.69 0.68 0.00	23.51 0.62 0.00	22.40 0.67 0.00
ONONDAGA_REF_OCCRA 23987	21.43 0.04 0.00	19.43 0.06 0.00	18.08 0.04 0.00	18.62 -0.02 0.00	19.85 -0.12 0.00	20.63 -0.23 0.00	21.80 -0.26 0.00	22.24 -0.32 0.00	21.52 -0.24 0.00	22.02 -0.24 0.00	22.03 -0.22 0.00	21.64 -0.20 0.00	21.16 -0.21 0.00	21.06 -0.19 0.00	21.09 -0.21 0.00	22.91 -0.28 0.00	28.80 -0.41 0.00	30.48 -0.28 0.00	33.72 -0.27 0.00	33.04 -0.33 0.00	26.63 -0.38 0.00	22.64 -0.25 0.00	21.62 -0.11 0.00
ONONDAGA___COGEN 23986	21.49 0.11 0.00	19.47 0.10 0.00	18.13 0.09 0.00	18.70 0.06 0.00	19.93 -0.04 0.00	20.71 -0.15 0.00	21.86 -0.20 0.00	22.33 -0.23 0.00	21.58 -0.17 0.00	22.10 -0.16 0.00	22.12 -0.13 0.00	21.70 -0.13 0.00	21.25 -0.13 0.00	21.13 -0.13 0.00	21.15 -0.15 0.00	22.98 -0.21 0.00	28.89 -0.32 -0.01	30.57 -0.18 0.00	33.83 -0.17 -0.01	33.14 -0.23 -0.01	26.91 -0.32 -0.22	22.69 -0.21 0.00	21.67 -0.07 0.00
ONTARIO___LFGE 23819	21.56 0.17 0.00	19.51 0.14 0.00	18.13 0.09 0.00	18.75 0.11 0.00	19.89 -0.08 0.00	20.65 -0.21 0.00	21.78 -0.29 0.00	22.22 -0.34 0.00	21.54 -0.22 0.00	21.99 -0.27 0.00	21.96 -0.29 0.00	21.61 -0.22 0.00	21.10 -0.28 0.00	20.89 -0.36 0.00	21.00 -0.30 0.00	22.75 -0.44 0.00	28.82 -0.52 -0.14	30.61 -0.21 -0.07	33.79 -0.34 -0.14	33.18 -0.33 -0.14	32.31 -0.57 -5.87	22.65 -0.32 -0.07	21.64 -0.09 0.00
ORANGEVILLE_WT_PWR 323706	19.97 -1.41 0.00	18.00 -1.37 0.00	16.69 -1.35 0.00	17.30 -1.34 0.00	18.23 -1.74 0.00	18.60 -2.25 0.00	19.64 -2.43 0.00	20.03 -2.53 0.00	19.71 -2.05 0.00	19.99 -2.27 0.00	19.89 -2.36 0.00	19.78 -2.05 0.00	19.15 -2.22 0.00	18.83 -2.42 0.00	18.98 -2.32 0.00	20.27 -2.92 0.00	25.22 -3.97 0.02	26.87 -3.88 0.01	29.52 -4.45 0.02	28.82 -4.54 0.02	22.06 -4.02 0.92	20.16 -2.72 0.01	19.62 -2.11 0.00
ORANGEVILLE___ESR 323794	19.97 -1.41 0.00	18.00 -1.37 0.00	16.69 -1.35 0.00	17.30 -1.34 0.00	18.23 -1.74 0.00	18.60 -2.25 0.00	19.64 -2.43 0.00	20.03 -2.53 0.00	19.71 -2.05 0.00	19.99 -2.27 0.00	19.89 -2.36 0.00	19.78 -2.05 0.00	19.15 -2.22 0.00	18.83 -2.42 0.00	18.98 -2.32 0.00	20.27 -2.92 0.00	25.22 -3.97 0.02	26.87 -3.88 0.01	29.52 -4.45 0.02	28.82 -4.54 0.02	22.06 -4.02 0.92	20.16 -2.72 0.01	19.62 -2.11 0.00
OSWEGATCHIE___HYD 24044	20.31 -1.07 0.00	18.38 -0.99 0.00	17.23 -0.81 0.00	17.80 -0.84 0.00	19.23 -0.74 0.00	20.21 -0.65 0.00	21.34 -0.73 0.00	21.79 -0.77 0.00	20.97 -0.78 0.00	21.48 -0.78 0.00	21.43 -0.82 0.00	20.98 -0.85 0.00	20.52 -0.86 0.00	20.40 -0.85 0.00	20.45 -0.85 0.00	22.28 -0.90 0.00	28.07 -1.14 0.00	32.52 -1.23 -3.00	36.82 -1.26 -4.09	32.17 -1.20 0.00	28.80 -0.89 -2.68	23.10 -0.78 -0.99	23.69 -0.91 -2.87
OSWEGO___5 23606	21.13 -0.26 0.00	19.16 -0.21 0.00	17.82 -0.22 0.00	18.42 -0.22 0.00	19.65 -0.32 0.00	20.46 -0.40 0.00	21.51 -0.55 0.00	21.97 -0.59 0.00	21.26 -0.50 0.00	21.70 -0.56 0.00	21.70 -0.56 0.00	21.33 -0.50 0.00	20.86 -0.51 0.00	20.73 -0.53 0.00	20.79 -0.51 0.00	22.56 -0.63 0.00	28.42 -0.79 0.00	30.05 -0.71 0.00	33.21 -0.78 0.00	32.61 -0.77 0.00	26.28 -0.73 0.00	22.32 -0.57 0.00	21.34 -0.39 0.00
OSWEGO___6 23613	21.13 -0.26 0.00	19.16 -0.21 0.00	17.82 -0.22 0.00	18.42 -0.22 0.00	19.65 -0.32 0.00	20.46 -0.40 0.00	21.51 -0.55 0.00	21.97 -0.59 0.00	21.26 -0.50 0.00	21.70 -0.56 0.00	21.70 -0.56 0.00	21.33 -0.50 0.00	20.86 -0.51 0.00	20.73 -0.53 0.00	20.79 -0.51 0.00	22.56 -0.63 0.00	28.42 -0.79 0.00	30.05 -0.71 0.00	33.21 -0.78 0.00	32.61 -0.77 0.00	26.28 -0.73 0.00	22.32 -0.57 0.00	21.34 -0.39 0.00
OUTOKUMPU-AB___DRP 24206	19.95 -1.43 0.00	18.00 -1.38 0.00	16.74 -1.30 0.00	17.07 -1.57 0.00	18.07 -1.90 0.00	18.69 -2.17 0.00	19.86 -2.21 0.00	20.05 -2.50 0.00	19.47 -2.28 0.00	20.01 -2.25 0.00	20.14 -2.11 0.00	19.87 -1.96 0.00	19.22 -2.16 0.00	19.19 -2.06 0.00	19.04 -2.26 0.00	20.34 -2.85 0.00	25.22 -3.97 0.02	26.93 -3.81 0.01	29.72 -4.25 0.02	28.95 -4.41 0.02	22.12 -3.94 0.94	20.05 -2.84 0.01	19.67 -2.06 0.00
OXBOW___BTM 323836	19.67 -1.71 0.00	17.78 -1.59 0.00	16.52 -1.52 0.00	17.15 -1.49 0.00	18.07 -1.90 0.00	18.44 -2.42 0.00	19.41 -2.65 0.00	19.78 -2.77 0.00	19.49 -2.26 0.00	19.77 -2.49 0.00	19.70 -2.56 0.00	19.61 -2.23 0.00	18.96 -2.42 0.00	18.66 -2.59 0.00	18.79 -2.51 0.00	20.06 -3.13 0.00	24.98 -4.21 0.02	26.59 -4.15 0.01	29.21 -4.76 0.02	28.68 -4.67 0.02	21.92 -4.13 0.96	19.95 -2.93 0.01	19.47 -2.26 0.00

OXBOW____ 24026	19.67 -1.71 0.00	17.76 -1.61 0.00	16.52 -1.52 0.00	16.85 -1.79 0.00	17.85 -2.12 0.00	18.46 -2.40 0.00	19.61 -2.45 0.00	19.78 -2.77 0.00	19.23 -2.52 0.00	19.74 -2.52 0.00	19.87 -2.38 0.00	19.61 -2.23 0.00	18.96 -2.42 0.00	18.96 -2.30 0.00	18.79 -2.51 0.00	20.06 -3.13 0.00	24.90 -4.29 0.02	26.56 -4.18 0.01	29.32 -4.66 0.02	28.58 -4.77 0.02	21.86 -4.19 0.96	19.77 -3.11 0.01	19.41 -2.33 0.00
OXY_CHEM_DSASP 323612	19.35 -2.03 0.00	17.49 -1.88 0.00	16.31 -1.73 0.00	16.61 -2.03 0.00	17.59 -2.38 0.00	18.23 -2.63 0.00	19.33 -2.74 0.00	19.51 -3.04 0.00	18.95 -2.81 0.00	19.46 -2.80 0.00	19.58 -2.67 0.00	19.32 -2.51 0.00	18.68 -2.69 0.00	18.68 -2.57 0.00	18.51 -2.79 0.00	19.73 -3.46 0.00	24.52 -4.67 0.02	26.13 -4.61 0.01	28.81 -5.17 0.02	28.15 -5.21 0.02	21.52 -4.51 0.98	19.45 -3.43 0.01	19.10 -2.63 0.00
OZONE_PARK_ESR 323760	22.69 1.30 0.00	20.51 1.14 0.00	18.94 0.90 0.00	19.50 0.86 0.00	20.65 0.68 0.00	21.61 0.75 0.00	23.06 0.99 0.00	23.59 1.04 0.00	22.67 0.91 0.00	23.20 0.93 0.00	23.23 0.98 0.00	22.84 1.00 0.00	22.40 1.03 0.00	22.28 1.02 0.00	22.39 1.09 0.00	24.44 1.25 0.00	30.96 1.75 0.00	33.03 2.28 0.00	36.61 2.62 0.00	35.84 2.47 0.00	28.63 1.62 0.00	24.41 1.51 0.00	23.43 1.69 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	19.35 -2.03 0.00	17.49 -1.88 0.00	16.31 -1.73 0.00	16.61 -2.03 0.00	17.59 -2.38 0.00	18.23 -2.63 0.00	19.33 -2.74 0.00	19.51 -3.04 0.00	18.95 -2.81 0.00	19.46 -2.80 0.00	19.58 -2.67 0.00	19.32 -2.51 0.00	18.68 -2.69 0.00	18.68 -2.57 0.00	18.51 -2.79 0.00	19.73 -3.46 0.00	24.52 -4.67 0.02	26.13 -4.61 0.01	28.81 -5.17 0.02	28.15 -5.21 0.02	21.52 -4.51 0.98	19.45 -3.43 0.01	19.10 -2.63 0.00
PACKARD__115KV_DUPONT_184 80571	19.35 -2.03 0.00	17.49 -1.88 0.00	16.31 -1.73 0.00	16.61 -2.03 0.00	17.59 -2.38 0.00	18.23 -2.63 0.00	19.33 -2.74 0.00	19.51 -3.04 0.00	18.95 -2.81 0.00	19.46 -2.80 0.00	19.58 -2.67 0.00	19.32 -2.51 0.00	18.68 -2.69 0.00	18.68 -2.57 0.00	18.51 -2.79 0.00	19.73 -3.46 0.00	24.52 -4.67 0.02	26.13 -4.61 0.01	28.81 -5.17 0.02	28.15 -5.21 0.02	21.52 -4.51 0.98	19.45 -3.43 0.01	19.10 -2.63 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	22.71 1.33 0.00	20.55 1.18 0.00	18.96 0.92 0.00	19.52 0.88 0.00	20.59 0.62 0.00	21.42 0.56 0.00	22.84 0.77 0.00	23.30 0.74 0.00	22.39 0.63 0.00	22.91 0.65 0.00	22.92 0.67 0.00	22.53 0.70 0.00	22.12 0.75 0.00	22.00 0.74 0.00	22.11 0.81 0.00	24.12 0.93 0.00	30.58 1.37 0.00	32.60 1.85 0.00	36.13 2.14 0.00	35.37 2.00 0.00	28.28 1.27 0.00	24.15 1.26 0.00	23.36 1.63 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	22.86 1.48 0.00	20.69 1.32 0.00	19.09 1.05 0.00	19.65 1.01 0.00	20.73 0.76 0.00	21.59 0.73 0.00	22.99 0.93 0.00	23.43 0.88 0.00	22.50 0.74 0.00	23.02 0.76 0.00	23.03 0.78 0.00	22.64 0.81 0.00	22.21 0.83 0.00	22.08 0.83 0.00	22.20 0.89 0.00	24.21 1.02 0.00	30.70 1.49 0.00	32.75 2.00 0.00	36.34 2.35 0.00	35.57 2.20 0.00	28.42 1.40 0.00	24.27 1.37 0.00	23.49 1.76 0.00
PATROON__115KV_TB1 80586	22.37 0.98 0.00	20.24 0.87 0.00	18.78 0.74 0.00	19.39 0.75 0.00	20.57 0.60 0.00	21.50 0.65 0.00	22.77 0.71 0.00	23.30 0.74 0.00	22.47 0.72 0.00	23.04 0.78 0.00	23.03 0.78 0.00	22.58 0.74 0.00	22.12 0.75 0.00	22.00 0.74 0.00	22.07 0.77 0.00	24.12 0.93 0.00	30.46 1.26 0.00	32.26 1.51 0.00	35.79 1.80 0.00	35.04 1.67 0.00	28.17 1.16 0.00	23.90 1.01 0.00	22.82 1.09 0.00
PATTRSNVILLE__SOLAR 323815	22.13 0.75 0.00	20.01 0.64 0.00	18.58 0.54 0.00	19.18 0.54 0.00	20.41 0.44 0.00	21.32 0.46 0.00	22.62 0.55 0.00	23.09 0.54 0.00	22.26 0.50 0.00	22.79 0.53 0.00	22.79 0.53 0.00	22.34 0.50 0.00	21.87 0.49 0.00	21.77 0.51 0.00	21.81 0.51 0.00	23.84 0.65 0.00	30.11 0.91 0.00	31.95 1.20 0.00	35.45 1.46 0.00	34.71 1.34 0.00	27.93 0.92 0.00	23.65 0.75 0.00	22.53 0.80 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	20.66 -0.73 0.00	18.65 -0.72 0.00	17.30 -0.74 0.00	17.67 -0.97 0.00	18.71 -1.26 0.00	19.36 -1.50 0.00	20.63 -1.43 0.00	20.88 -1.67 0.00	20.30 -1.46 0.00	20.84 -1.42 0.00	20.94 -1.31 0.00	20.65 -1.18 0.00	20.01 -1.37 0.00	19.92 -1.34 0.00	19.81 -1.49 0.00	21.19 -1.99 0.00	26.21 -2.98 0.01	28.16 -2.58 0.01	30.92 -3.06 0.01	29.62 -3.74 0.01	22.62 -3.57 0.83	20.96 -1.92 0.01	20.45 -1.28 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	22.69 1.30 0.00	20.51 1.14 0.00	18.96 0.92 0.00	19.50 0.86 0.00	20.67 0.70 0.00	21.61 0.75 0.00	23.08 1.01 0.00	23.59 1.04 0.00	22.69 0.94 0.00	23.22 0.96 0.00	23.19 0.93 0.00	22.77 0.94 0.00	22.29 0.92 0.00	22.17 0.91 0.00	22.28 0.98 0.00	24.37 1.18 0.00	30.87 1.66 0.00	32.91 2.15 0.00	36.54 2.55 0.00	35.77 2.40 0.00	28.60 1.59 0.00	24.29 1.40 0.00	23.23 1.50 0.00
PEEKSKILL____ 23653	22.45 1.07 0.00	20.32 0.95 0.00	18.76 0.72 0.00	19.29 0.65 0.00	20.45 0.48 0.00	21.38 0.52 0.00	22.88 0.82 0.00	23.41 0.86 0.00	22.47 0.72 0.00	23.02 0.76 0.00	23.08 0.82 0.00	22.62 0.78 0.00	22.19 0.81 0.00	22.11 0.85 0.00	22.15 0.85 0.00	24.19 1.00 0.00	30.58 1.37 0.00	32.60 1.85 0.00	36.13 2.14 0.00	35.37 2.00 0.00	28.33 1.32 0.00	24.06 1.17 0.00	23.03 1.30 0.00
PGE MADISON__WINDPWR 24146	22.99 1.60 0.00	21.17 1.80 0.00	19.50 1.46 0.00	20.28 1.64 0.00	21.69 1.72 0.00	22.53 1.67 0.00	23.81 1.74 0.00	24.18 1.62 0.00	23.28 1.52 0.00	23.86 1.60 0.00	23.72 1.47 0.00	23.34 1.51 0.00	22.70 1.33 0.00	22.55 1.30 0.00	22.67 1.36 0.00	24.63 1.44 0.00	31.17 1.96 0.00	33.31 2.55 0.00	36.92 2.92 0.00	36.11 2.74 0.00	29.00 1.84 -0.15	24.59 1.69 0.00	23.45 1.72 0.00
PIERCEFIELD__HYD 23852	20.05 -1.33 0.01	18.16 -1.20 0.01	17.08 -0.96 0.00	17.67 -0.97 0.00	19.23 -0.74 0.00	20.34 -0.52 0.00	21.49 -0.57 0.00	22.01 -0.54 0.00	21.21 -0.54 0.00	21.68 -0.58 0.00	21.68 -0.58 0.00	21.20 -0.63 0.00	20.75 -0.62 0.00	20.62 -0.64 0.00	20.62 -0.68 0.00	22.45 -0.74 0.00	28.07 -1.14 0.00	33.66 -1.51 -4.41	38.27 -1.73 -6.02	31.77 -1.60 0.00	29.92 -1.03 -3.94	23.48 -0.87 -1.45	24.80 -1.15 -4.22
PINELAWN_CC_1 323563	22.93 1.54 0.00	20.71 1.34 0.00	19.05 1.01 0.00	19.55 0.91 0.00	20.83 0.86 0.00	21.88 1.02 0.00	25.23 1.39 -1.78	23.95 1.40 0.00	22.86 1.11 0.00	23.39 1.13 0.00	23.41 1.16 0.00	22.88 1.05 0.00	22.44 1.07 0.00	22.40 1.15 0.00	22.49 1.19 0.00	24.63 1.44 0.00	31.16 1.96 0.00	33.40 2.65 0.00	37.36 3.09 -0.28	36.18 2.80 0.00	32.23 2.03 -3.20	29.99 1.76 -5.33	23.60 1.87 0.00

PJM_GEN_HTP_PROXY 323702	22.50 1.11 0.00	20.34 0.97 0.00	18.78 0.74 0.00	19.31 0.67 0.00	20.43 0.46 0.00	21.36 0.50 0.00	22.88 0.82 0.00	23.41 0.86 0.00	22.47 0.72 0.00	23.02 0.76 0.00	23.10 0.85 0.00	22.66 0.83 0.00	22.23 0.86 0.00	22.17 0.91 0.00	22.22 0.92 0.00	24.26 1.07 0.00	30.67 1.46 0.00	32.69 1.94 0.00	36.23 2.24 0.00	34.23 2.07 1.21	29.60 1.38 -1.21	24.15 1.24 -0.02	23.12 1.41 0.02
PJM_GEN_KEystone 24065	21.45 0.06 0.00	19.41 0.04 0.00	17.97 -0.07 0.00	18.53 -0.11 0.00	19.61 -0.36 0.00	20.34 -0.52 0.00	21.69 -0.38 0.00	22.15 -0.41 0.00	21.47 -0.28 0.00	21.90 -0.36 0.00	21.92 -0.33 0.00	21.59 -0.24 0.00	21.08 -0.30 0.00	20.89 -0.36 0.00	20.96 -0.34 0.00	22.73 -0.46 0.00	28.56 -0.64 0.00	30.45 -0.31 0.00	33.58 -0.41 0.00	31.62 -0.54 1.21	27.23 -0.73 -0.95	22.61 -0.30 -0.02	21.71 0.00 0.02
PJM_GEN_NEPTUNE_PROXY 323594	22.69 1.30 0.00	20.51 1.14 0.00	18.89 0.85 0.00	19.40 0.76 0.00	20.63 0.66 0.00	21.65 0.79 0.00	24.99 1.15 -1.78	23.72 1.17 0.00	22.69 0.93 0.00	23.24 0.98 0.00	23.28 1.02 0.00	22.75 0.92 0.00	22.34 0.96 0.00	22.28 1.02 0.00	22.37 1.06 0.00	24.44 1.25 0.00	30.90 1.69 0.00	33.03 2.28 0.00	36.92 2.65 -0.27	34.57 2.40 1.21	33.12 1.70 -4.40	29.74 1.49 -5.35	23.32 1.61 0.02
PJM_GEN_VFT_PROXY 323633	22.37 0.98 0.00	20.24 0.87 0.00	18.69 0.65 0.00	19.20 0.56 0.00	20.33 0.36 0.00	21.25 0.40 0.00	22.77 0.71 0.00	23.29 0.74 0.00	22.36 0.61 0.00	22.90 0.65 0.00	22.99 0.73 0.00	22.53 0.70 0.00	22.12 0.75 0.00	22.06 0.81 0.00	22.11 0.81 0.00	24.14 0.95 0.00	30.49 1.28 0.00	32.53 1.78 0.00	36.00 2.00 0.00	34.00 1.83 1.21	29.46 1.24 -1.21	24.04 1.12 -0.02	23.01 1.30 0.02
PLATSBURG_115KV_PMLD1 355749	20.05 -1.33 0.01	18.10 -1.26 0.01	17.43 -0.61 0.00	17.73 -0.91 0.00	19.47 -0.50 0.00	20.79 -0.06 0.00	21.80 -0.26 0.00	22.35 -0.20 0.00	21.60 -0.15 0.00	22.19 -0.07 0.00	22.14 -0.11 0.00	21.57 -0.26 0.00	21.10 -0.28 0.00	20.85 -0.40 0.00	20.71 -0.60 0.00	22.31 -0.88 0.00	27.86 -1.34 0.00	0.25 -1.91 28.60	-7.29 -2.14 39.14	31.47 -1.90 0.00	0.20 -1.30 25.52	12.32 -1.17 9.41	-7.08 -1.39 27.42
PLEASANTVLY__LBMP 24000	22.33 0.94 0.00	20.22 0.85 0.00	18.71 0.67 0.00	19.29 0.65 0.00	20.45 0.48 0.00	21.38 0.52 0.00	22.75 0.68 0.00	23.30 0.74 0.00	22.41 0.65 0.00	22.93 0.67 0.00	22.92 0.67 0.00	22.51 0.68 0.00	22.08 0.71 0.00	21.94 0.68 0.00	22.05 0.75 0.00	24.07 0.88 0.00	30.46 1.26 0.00	32.38 1.63 0.00	35.89 1.90 0.00	35.17 1.80 0.00	28.17 1.16 0.00	23.95 1.05 0.00	22.93 1.20 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	22.52 1.13 0.00	20.36 0.99 0.00	18.81 0.78 0.00	19.40 0.76 0.00	20.55 0.58 0.00	21.50 0.65 0.00	22.92 0.86 0.00	23.45 0.90 0.00	22.56 0.80 0.00	23.08 0.82 0.00	23.08 0.82 0.00	22.66 0.83 0.00	22.25 0.88 0.00	22.11 0.85 0.00	22.22 0.92 0.00	24.26 1.07 0.00	30.73 1.52 0.00	32.69 1.94 0.00	36.27 2.28 0.00	35.51 2.14 0.00	28.42 1.40 0.00	24.18 1.28 0.00	23.16 1.43 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	22.52 1.13 0.00	20.36 0.99 0.00	18.81 0.78 0.00	19.40 0.76 0.00	20.55 0.58 0.00	21.50 0.65 0.00	22.92 0.86 0.00	23.45 0.90 0.00	22.56 0.80 0.00	23.08 0.82 0.00	23.08 0.82 0.00	22.66 0.83 0.00	22.25 0.88 0.00	22.11 0.85 0.00	22.22 0.92 0.00	24.26 1.07 0.00	30.73 1.52 0.00	32.69 1.94 0.00	36.27 2.28 0.00	35.51 2.14 0.00	28.42 1.40 0.00	24.18 1.28 0.00	23.16 1.43 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	22.54 1.15 0.00	20.40 1.03 0.00	18.85 0.81 0.00	19.44 0.80 0.00	20.61 0.64 0.00	21.55 0.69 0.00	22.92 0.86 0.00	23.45 0.90 0.00	22.54 0.78 0.00	23.06 0.80 0.00	23.06 0.80 0.00	22.62 0.79 0.00	22.19 0.81 0.00	22.04 0.79 0.00	22.15 0.85 0.00	24.23 1.04 0.00	30.70 1.49 0.00	32.69 1.94 0.00	36.27 2.28 0.00	35.54 2.17 0.00	28.42 1.40 0.00	24.13 1.24 0.00	23.10 1.37 0.00
POLETTI____ 23519	22.48 1.09 0.00	20.34 0.97 0.00	18.80 0.76 0.00	19.35 0.71 0.00	20.47 0.50 0.00	21.42 0.56 0.00	22.86 0.79 0.00	23.39 0.83 0.00	22.47 0.72 0.00	22.99 0.73 0.00	23.01 0.76 0.00	22.62 0.79 0.00	22.21 0.83 0.00	22.06 0.81 0.00	22.17 0.87 0.00	24.21 1.02 0.00	30.64 1.43 0.00	32.69 1.94 0.00	36.20 2.21 0.00	35.44 2.07 0.00	28.36 1.35 0.00	24.18 1.28 0.00	23.21 1.48 0.00
POMONA____ESR 323819	22.48 1.09 0.00	20.32 0.95 0.00	18.76 0.72 0.00	19.31 0.67 0.00	20.45 0.48 0.00	21.38 0.52 0.00	22.88 0.82 0.00	23.41 0.86 0.00	22.50 0.74 0.00	23.04 0.78 0.00	23.10 0.85 0.00	22.64 0.81 0.00	22.21 0.83 0.00	22.11 0.85 0.00	22.18 0.87 0.00	24.21 1.02 0.00	30.61 1.40 0.00	32.60 1.85 0.00	36.13 2.14 0.00	35.41 2.04 0.00	28.36 1.35 0.00	24.06 1.17 0.00	23.03 1.30 0.00
PORT_JEFF_3 23555	22.86 1.47 0.00	20.67 1.30 0.00	19.01 0.97 0.00	19.50 0.86 0.00	20.85 0.88 0.00	21.96 1.10 0.00	25.34 1.50 -1.78	23.97 1.42 0.00	22.80 1.04 0.00	23.31 1.05 0.00	23.30 1.05 0.00	22.75 0.92 0.00	22.31 0.94 0.00	22.32 1.06 0.00	22.41 1.11 0.00	24.56 1.37 0.00	31.05 1.84 0.00	33.34 2.58 0.00	37.26 2.99 -0.28	36.01 2.64 0.00	32.12 1.92 -3.20	29.92 1.69 -5.33	23.53 1.80 0.00
PORT_JEFF_4 23616	22.86 1.47 0.00	20.67 1.30 0.00	19.01 0.97 0.00	19.50 0.86 0.00	20.85 0.88 0.00	21.96 1.10 0.00	25.34 1.50 -1.78	23.97 1.42 0.00	22.80 1.04 0.00	23.31 1.05 0.00	23.30 1.05 0.00	22.75 0.92 0.00	22.31 0.94 0.00	22.32 1.06 0.00	22.41 1.11 0.00	24.56 1.37 0.00	31.05 1.84 0.00	33.34 2.58 0.00	37.26 2.99 -0.28	36.01 2.64 0.00	32.12 1.92 -3.20	29.92 1.69 -5.33	23.53 1.80 0.00
PORT_JEFF_IC 23713	22.88 1.50 0.00	20.69 1.32 0.00	19.10 1.06 0.00	19.63 0.99 0.00	20.97 1.00 0.00	22.11 1.25 0.00	25.37 1.52 -1.78	24.02 1.47 0.00	22.93 1.17 0.00	23.33 1.07 0.00	23.30 1.05 0.00	22.77 0.94 0.00	22.36 0.98 0.00	22.28 1.02 0.00	22.45 1.15 0.00	24.58 1.39 0.00	31.22 2.02 0.00	33.43 2.68 0.00	37.36 3.09 -0.28	36.14 2.77 0.00	32.18 1.97 -3.20	30.01 1.79 -5.33	23.64 1.91 0.00
PPL PILGRIM_ST_GT1 24216	22.97 1.58 0.00	20.75 1.38 0.00	19.08 1.05 0.00	19.59 0.95 0.00	20.89 0.92 0.00	21.98 1.13 0.00	25.34 1.50 -1.78	24.04 1.49 0.00	22.91 1.15 0.00	23.46 1.20 0.00	23.46 1.20 0.00	22.88 1.05 0.00	22.44 1.07 0.00	22.42 1.17 0.00	22.52 1.21 0.00	24.67 1.49 0.00	31.16 1.96 0.00	33.43 2.67 0.00	37.36 3.09 -0.28	36.14 2.77 0.00	32.23 2.03 -3.20	30.01 1.79 -5.33	23.64 1.91 0.00

PPL PILGRIM_ST_GT2 24217	22.97 1.58 0.00	20.75 1.38 0.00	19.08 1.05 0.00	19.59 0.95 0.00	20.89 0.92 0.00	21.98 1.13 0.00	25.34 1.50 -1.78	24.04 1.49 0.00	22.91 1.15 0.00	23.46 1.20 0.00	23.46 1.20 0.00	22.88 1.05 0.00	22.44 1.07 0.00	22.42 1.17 0.00	22.52 1.21 0.00	24.67 1.49 0.00	31.16 1.96 0.00	33.43 2.67 0.00	37.36 3.09 -0.28	36.14 2.77 0.00	32.23 2.03 -3.20	30.01 1.79 -5.33	23.64 1.91 0.00
PPL_SHRM_GT3 24213	22.67 1.28 0.00	20.51 1.14 0.00	18.85 0.81 0.00	19.35 0.71 0.00	20.81 0.84 0.00	22.09 1.23 0.00	25.41 1.57 -1.78	23.93 1.38 0.00	22.54 0.78 0.00	23.04 0.78 0.00	23.03 0.78 0.00	22.47 0.63 0.00	22.06 0.68 0.00	22.04 0.79 0.00	22.15 0.85 0.00	24.28 1.09 0.00	30.78 1.58 0.00	33.15 2.40 0.00	37.02 2.75 -0.28	35.74 2.37 0.00	31.91 1.70 -3.20	29.74 1.51 -5.33	23.32 1.59 0.00
PPL_SHRM_GT4 24214	22.67 1.28 0.00	20.51 1.14 0.00	18.85 0.81 0.00	19.35 0.71 0.00	20.81 0.84 0.00	22.09 1.23 0.00	25.41 1.57 -1.78	23.93 1.38 0.00	22.54 0.78 0.00	23.04 0.78 0.00	23.03 0.78 0.00	22.47 0.63 0.00	22.06 0.68 0.00	22.04 0.79 0.00	22.15 0.85 0.00	24.28 1.09 0.00	30.78 1.58 0.00	33.15 2.40 0.00	37.02 2.75 -0.28	35.74 2.37 0.00	31.91 1.70 -3.20	29.74 1.51 -5.33	23.32 1.59 0.00
PROJECT___ORANGE 1 24174	21.39 0.00 0.00	19.37 0.00 0.00	18.02 -0.02 0.00	18.58 -0.06 0.00	19.79 -0.18 0.00	20.56 -0.29 0.00	21.71 -0.35 0.00	22.15 -0.41 0.00	21.43 -0.33 0.00	21.95 -0.31 0.00	21.97 -0.29 0.00	21.57 -0.26 0.00	21.10 -0.28 0.00	21.00 -0.26 0.00	21.02 -0.28 0.00	22.82 -0.37 0.00	28.68 -0.53 0.00	30.32 -0.43 0.00	33.51 -0.48 0.00	32.84 -0.53 0.00	26.50 -0.51 0.00	22.53 -0.37 0.00	21.53 -0.20 0.00
PROJECT___ORANGE 2 24166	21.39 0.00 0.00	19.37 0.00 0.00	18.02 -0.02 0.00	18.58 -0.06 0.00	19.79 -0.18 0.00	20.56 -0.29 0.00	21.71 -0.35 0.00	22.15 -0.41 0.00	21.43 -0.33 0.00	21.95 -0.31 0.00	21.97 -0.29 0.00	21.57 -0.26 0.00	21.10 -0.28 0.00	21.00 -0.26 0.00	21.02 -0.28 0.00	22.82 -0.37 0.00	28.68 -0.53 0.00	30.32 -0.43 0.00	33.51 -0.48 0.00	32.84 -0.53 0.00	26.50 -0.51 0.00	22.53 -0.37 0.00	21.53 -0.20 0.00
PUCKETT___SOLAR 323809	22.05 0.66 0.00	19.99 0.62 0.00	18.58 0.54 0.00	19.20 0.56 0.00	20.43 0.46 0.00	21.23 0.38 0.00	22.50 0.44 0.00	22.96 0.41 0.00	22.19 0.43 0.00	22.68 0.42 0.00	22.63 0.38 0.00	22.25 0.41 0.00	21.74 0.36 0.00	21.58 0.32 0.00	21.66 0.36 0.00	23.54 0.35 0.00	29.68 0.47 -0.01	31.59 0.83 0.00	34.91 0.92 -0.01	34.18 0.80 -0.01	27.58 0.38 -0.19	23.40 0.50 0.00	22.36 0.63 0.00
PYRITES___HYD 24023	20.44 -0.94 0.01	18.51 -0.85 0.01	17.41 -0.63 0.00	18.01 -0.63 0.00	19.61 -0.36 0.00	20.71 -0.15 0.00	21.91 -0.15 0.00	22.46 -0.09 0.00	21.63 -0.13 0.00	22.13 -0.13 0.00	22.12 -0.13 0.00	21.66 -0.17 0.00	21.18 -0.19 0.00	21.06 -0.19 0.00	21.07 -0.23 0.00	22.96 -0.23 0.00	28.68 -0.53 0.00	33.86 -0.83 -3.94	38.40 -0.95 -5.37	32.54 -0.83 0.00	30.14 -0.38 -3.51	23.85 -0.34 -1.29	24.80 -0.70 -3.77
QUAKERRD_115KV_BK1 80622	20.23 -1.15 0.00	18.29 -1.08 0.00	17.03 -1.01 0.00	17.50 -1.14 0.00	18.61 -1.36 0.00	19.36 -1.50 0.00	20.47 -1.59 0.00	20.86 -1.69 0.00	20.21 -1.54 0.00	20.70 -1.56 0.00	20.79 -1.47 0.00	20.44 -1.40 0.00	19.92 -1.45 0.00	19.83 -1.42 0.00	19.79 -1.51 0.00	21.36 -1.83 0.00	26.78 -2.39 0.03	28.40 -2.34 0.02	31.44 -2.52 0.03	30.80 -2.54 0.03	23.41 -2.21 1.39	21.00 -1.88 0.02	20.25 -1.48 0.00
QUENSBRY_115KV_TB8 356137	22.52 1.13 0.00	20.32 0.95 0.00	18.83 0.79 0.00	19.48 0.84 0.00	20.71 0.74 0.00	21.67 0.81 0.00	23.01 0.95 0.00	23.55 0.99 0.00	22.76 1.00 0.00	23.28 1.02 0.00	23.26 1.00 0.00	22.75 0.92 0.00	22.29 0.92 0.00	22.19 0.94 0.00	22.24 0.94 0.00	24.30 1.11 0.00	30.73 1.52 0.00	32.66 1.91 0.00	36.34 2.35 0.00	35.51 2.14 0.00	28.44 1.43 0.00	24.04 1.14 0.00	22.93 1.20 0.00
RAMAPO___LBMP 323565	22.39 1.01 0.00	20.26 0.89 0.00	18.71 0.67 0.00	19.29 0.65 0.00	20.45 0.48 0.00	21.40 0.54 0.00	22.81 0.75 0.00	23.34 0.79 0.00	22.45 0.70 0.00	22.97 0.71 0.00	22.97 0.71 0.00	22.55 0.72 0.00	22.12 0.75 0.00	21.98 0.72 0.00	22.09 0.79 0.00	24.12 0.93 0.00	30.52 1.31 0.00	32.51 1.75 0.00	36.03 2.04 0.00	35.31 1.94 0.00	28.25 1.24 0.00	24.04 1.14 0.00	23.03 1.30 0.00
RANKINE____ 23646	20.27 -1.11 0.00	18.29 -1.08 0.00	16.99 -1.05 0.00	17.34 -1.30 0.00	18.35 -1.62 0.00	18.98 -1.88 0.00	20.19 -1.88 0.00	20.41 -2.14 0.00	19.84 -1.91 0.00	20.37 -1.89 0.00	20.50 -1.76 0.00	20.20 -1.64 0.00	19.56 -1.82 0.00	19.51 -1.74 0.00	19.36 -1.94 0.00	20.68 -2.50 0.00	25.66 -3.53 0.02	27.43 -3.32 0.01	30.24 -3.74 0.02	29.29 -4.07 0.02	22.43 -3.70 0.88	20.44 -2.45 0.01	19.99 -1.74 0.00
RAVENSWOOD_GT2_1 24244	22.52 1.13 0.00	20.38 1.01 0.00	18.81 0.78 0.00	19.39 0.75 0.00	20.51 0.54 0.00	21.46 0.60 0.00	22.90 0.84 0.00	23.41 0.86 0.00	22.52 0.76 0.00	23.04 0.78 0.00	23.06 0.80 0.00	22.66 0.83 0.00	22.23 0.85 0.00	22.11 0.85 0.00	22.22 0.92 0.00	24.26 1.07 0.00	30.70 1.49 0.00	32.72 1.97 0.00	36.27 2.28 0.00	35.51 2.14 0.00	28.39 1.38 0.00	24.20 1.30 0.00	23.23 1.50 0.00
RAVENSWOOD_GT2_2 24245	22.52 1.13 0.00	20.38 1.01 0.00	18.81 0.78 0.00	19.39 0.75 0.00	20.51 0.54 0.00	21.46 0.60 0.00	22.90 0.84 0.00	23.41 0.86 0.00	22.52 0.76 0.00	23.04 0.78 0.00	23.06 0.80 0.00	22.66 0.83 0.00	22.23 0.85 0.00	22.11 0.85 0.00	22.22 0.92 0.00	24.26 1.07 0.00	30.70 1.49 0.00	32.72 1.97 0.00	36.27 2.28 0.00	35.51 2.14 0.00	28.39 1.38 0.00	24.20 1.30 0.00	23.23 1.50 0.00
RAVENSWOOD_GT2_3 24246	22.52 1.13 0.00	20.38 1.01 0.00	18.81 0.78 0.00	19.39 0.75 0.00	20.53 0.56 0.00	21.46 0.60 0.00	22.90 0.84 0.00	23.43 0.88 0.00	22.52 0.76 0.00	23.04 0.78 0.00	23.08 0.82 0.00	22.66 0.83 0.00	22.25 0.88 0.00	22.11 0.85 0.00	22.22 0.92 0.00	24.26 1.07 0.00	30.73 1.52 0.00	32.75 2.00 0.00	36.30 2.31 0.00	35.54 2.17 0.00	28.42 1.40 0.00	24.22 1.33 0.00	23.25 1.52 0.00
RAVENSWOOD_GT2_4 24247	22.52 1.13 0.00	20.38 1.01 0.00	18.81 0.78 0.00	19.39 0.75 0.00	20.53 0.56 0.00	21.46 0.60 0.00	22.90 0.84 0.00	23.43 0.88 0.00	22.52 0.76 0.00	23.04 0.78 0.00	23.08 0.82 0.00	22.66 0.83 0.00	22.25 0.88 0.00	22.11 0.85 0.00	22.22 0.92 0.00	24.26 1.07 0.00	30.73 1.52 0.00	32.75 2.00 0.00	36.30 2.31 0.00	35.54 2.17 0.00	28.42 1.40 0.00	24.22 1.33 0.00	23.25 1.52 0.00

RAVENSWOOD_GT3_1 24248	22.52 1.13 0.00	20.38 1.01 0.00	18.81 0.78 0.00	19.39 0.75 0.00	20.51 0.54 0.00	21.46 0.60 0.00	22.90 0.84 0.00	23.43 0.88 0.00	22.52 0.76 0.00	23.04 0.78 0.00	23.06 0.80 0.00	22.66 0.83 0.00	22.23 0.85 0.00	22.11 0.85 0.00	22.22 0.92 0.00	24.26 1.07 0.00	30.70 1.49 0.00	32.75 2.00 0.00	36.27 2.28 0.00	35.51 2.14 0.00	28.42 1.40 0.00	24.20 1.30 0.00	23.23 1.50 0.00
RAVENSWOOD_GT3_2 24249	22.52 1.13 0.00	20.38 1.01 0.00	18.81 0.78 0.00	19.39 0.75 0.00	20.51 0.54 0.00	21.46 0.60 0.00	22.90 0.84 0.00	23.43 0.88 0.00	22.52 0.76 0.00	23.04 0.78 0.00	23.06 0.80 0.00	22.66 0.83 0.00	22.23 0.85 0.00	22.11 0.85 0.00	22.22 0.92 0.00	24.26 1.07 0.00	30.70 1.49 0.00	32.75 2.00 0.00	36.27 2.28 0.00	35.51 2.14 0.00	28.42 1.40 0.00	24.20 1.30 0.00	23.23 1.50 0.00
RAVENSWOOD_GT3_3 24250	22.54 1.15 0.00	20.40 1.03 0.00	18.83 0.79 0.00	19.40 0.76 0.00	20.53 0.56 0.00	21.48 0.63 0.00	22.92 0.86 0.00	23.45 0.90 0.00	22.54 0.78 0.00	23.06 0.80 0.00	23.08 0.82 0.00	22.68 0.85 0.00	22.25 0.88 0.00	22.13 0.87 0.00	22.24 0.94 0.00	24.28 1.09 0.00	30.75 1.55 0.00	32.78 2.03 0.00	36.34 2.35 0.00	35.57 2.20 0.00	28.44 1.43 0.00	24.22 1.33 0.00	23.25 1.52 0.00
RAVENSWOOD_GT3_4 24251	22.54 1.15 0.00	20.40 1.03 0.00	18.83 0.79 0.00	19.40 0.76 0.00	20.53 0.56 0.00	21.48 0.63 0.00	22.92 0.86 0.00	23.45 0.90 0.00	22.54 0.78 0.00	23.06 0.80 0.00	23.08 0.82 0.00	22.68 0.85 0.00	22.25 0.88 0.00	22.13 0.87 0.00	22.24 0.94 0.00	24.28 1.09 0.00	30.75 1.55 0.00	32.78 2.03 0.00	36.34 2.35 0.00	35.57 2.20 0.00	28.44 1.43 0.00	24.22 1.33 0.00	23.25 1.52 0.00
RAVENSWOOD_GT_1 23729	22.65 1.26 0.00	20.50 1.12 0.00	18.90 0.87 0.00	19.46 0.82 0.00	20.57 0.60 0.00	21.48 0.63 0.00	22.92 0.86 0.00	23.43 0.88 0.00	22.52 0.76 0.00	23.04 0.78 0.00	23.08 0.82 0.00	22.66 0.83 0.00	22.25 0.88 0.00	22.13 0.87 0.00	22.24 0.94 0.00	24.26 1.07 0.00	30.75 1.55 0.00	32.79 2.03 0.00	36.34 2.35 0.00	35.58 2.20 0.00	28.42 1.40 0.00	24.25 1.35 0.00	23.34 1.61 0.00
RAVENSWOOD_GT_10 24258	22.52 1.13 0.00	20.38 1.01 0.00	18.81 0.78 0.00	19.39 0.75 0.00	20.51 0.54 0.00	21.46 0.60 0.00	22.90 0.84 0.00	23.43 0.88 0.00	22.52 0.76 0.00	23.04 0.78 0.00	23.06 0.80 0.00	22.66 0.83 0.00	22.23 0.85 0.00	22.11 0.85 0.00	22.22 0.92 0.00	24.26 1.07 0.00	30.70 1.49 0.00	32.75 2.00 0.00	36.27 2.28 0.00	35.51 2.14 0.00	28.42 1.40 0.00	24.20 1.30 0.00	23.23 1.50 0.00
RAVENSWOOD_GT_11 24259	22.52 1.13 0.00	20.38 1.01 0.00	18.81 0.78 0.00	19.39 0.75 0.00	20.51 0.54 0.00	21.46 0.60 0.00	22.90 0.84 0.00	23.43 0.88 0.00	22.52 0.76 0.00	23.04 0.78 0.00	23.06 0.80 0.00	22.66 0.83 0.00	22.23 0.85 0.00	22.11 0.85 0.00	22.22 0.92 0.00	24.26 1.07 0.00	30.70 1.49 0.00	32.75 2.00 0.00	36.27 2.28 0.00	35.51 2.14 0.00	28.42 1.40 0.00	24.20 1.30 0.00	23.23 1.50 0.00
RAVENSWOOD_GT_4 24252	22.50 1.11 0.00	20.36 0.99 0.00	18.80 0.76 0.00	19.37 0.73 0.00	20.51 0.54 0.00	21.46 0.60 0.00	22.90 0.84 0.00	23.43 0.88 0.00	22.54 0.78 0.00	23.04 0.78 0.00	23.08 0.82 0.00	22.66 0.83 0.00	22.23 0.85 0.00	22.11 0.85 0.00	22.22 0.92 0.00	24.26 1.07 0.00	30.73 1.52 0.00	32.75 2.00 0.00	36.27 2.28 0.00	35.51 2.14 0.00	28.42 1.40 0.00	24.20 1.30 0.00	23.23 1.50 0.00
RAVENSWOOD_GT_5 24254	22.50 1.11 0.00	20.36 0.99 0.00	18.80 0.76 0.00	19.37 0.73 0.00	20.51 0.54 0.00	21.46 0.60 0.00	22.90 0.84 0.00	23.43 0.88 0.00	22.54 0.78 0.00	23.04 0.78 0.00	23.08 0.82 0.00	22.66 0.83 0.00	22.23 0.85 0.00	22.11 0.85 0.00	22.22 0.92 0.00	24.26 1.07 0.00	30.73 1.52 0.00	32.75 2.00 0.00	36.27 2.28 0.00	35.51 2.14 0.00	28.42 1.40 0.00	24.20 1.30 0.00	23.23 1.50 0.00
RAVENSWOOD_GT_6 24253	22.50 1.11 0.00	20.36 0.99 0.00	18.80 0.76 0.00	19.37 0.73 0.00	20.51 0.54 0.00	21.46 0.60 0.00	22.90 0.84 0.00	23.43 0.88 0.00	22.54 0.78 0.00	23.04 0.78 0.00	23.08 0.82 0.00	22.66 0.83 0.00	22.23 0.85 0.00	22.11 0.85 0.00	22.22 0.92 0.00	24.26 1.07 0.00	30.73 1.52 0.00	32.75 2.00 0.00	36.27 2.28 0.00	35.51 2.14 0.00	28.42 1.40 0.00	24.20 1.30 0.00	23.23 1.50 0.00
RAVENSWOOD_GT_7 24255	22.50 1.11 0.00	20.36 0.99 0.00	18.80 0.76 0.00	19.37 0.73 0.00	20.51 0.54 0.00	21.46 0.60 0.00	22.90 0.84 0.00	23.43 0.88 0.00	22.54 0.78 0.00	23.04 0.78 0.00	23.08 0.82 0.00	22.66 0.83 0.00	22.23 0.85 0.00	22.11 0.85 0.00	22.22 0.92 0.00	24.26 1.07 0.00	30.73 1.52 0.00	32.75 2.00 0.00	36.27 2.28 0.00	35.51 2.14 0.00	28.42 1.40 0.00	24.20 1.30 0.00	23.23 1.50 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	22.52 1.13 0.00	20.38 1.01 0.00	18.81 0.78 0.00	19.39 0.75 0.00	20.51 0.54 0.00	21.46 0.60 0.00	22.90 0.84 0.00	23.43 0.88 0.00	22.52 0.76 0.00	23.04 0.78 0.00	23.06 0.80 0.00	22.66 0.83 0.00	22.23 0.85 0.00	22.11 0.85 0.00	22.22 0.92 0.00	24.26 1.07 0.00	30.70 1.49 0.00	32.75 2.00 0.00	36.27 2.28 0.00	35.51 2.14 0.00	28.42 1.40 0.00	24.20 1.30 0.00	23.23 1.50 0.00
RAVENSWOOD_GT_9 24257	22.52 1.13 0.00	20.38 1.01 0.00	18.81 0.78 0.00	19.39 0.75 0.00	20.51 0.54 0.00	21.46 0.60 0.00	22.90 0.84 0.00	23.43 0.88 0.00	22.52 0.76 0.00	23.04 0.78 0.00	23.06 0.80 0.00	22.66 0.83 0.00	22.23 0.85 0.00	22.11 0.85 0.00	22.22 0.92 0.00	24.26 1.07 0.00	30.70 1.49 0.00	32.75 2.00 0.00	36.27 2.28 0.00	35.51 2.14 0.00	28.42 1.40 0.00	24.20 1.30 0.00	23.23 1.50 0.00
RAVENSWOOD___1 23533	22.63 1.24 0.00	20.47 1.10 0.00	18.89 0.85 0.00	19.40 0.76 0.00	20.49 0.52 0.00	21.38 0.52 0.00	22.90 0.84 0.00	23.41 0.86 0.00	22.47 0.72 0.00	23.02 0.76 0.00	23.10 0.85 0.00	22.66 0.83 0.00	22.23 0.86 0.00	22.19 0.93 0.00	22.22 0.92 0.00	24.26 1.07 0.00	30.70 1.49 0.00	32.72 1.97 0.00	36.27 2.28 0.00	35.48 2.10 0.00	28.39 1.38 0.00	24.13 1.24 0.00	23.21 1.48 0.00
RAVENSWOOD___2 23534	22.63 1.24 0.00	20.46 1.08 0.00	18.89 0.85 0.00	19.40 0.76 0.00	20.47 0.50 0.00	21.36 0.50 0.00	22.90 0.84 0.00	23.41 0.86 0.00	22.45 0.70 0.00	23.02 0.76 0.00	23.10 0.85 0.00	22.64 0.81 0.00	22.23 0.86 0.00	22.19 0.93 0.00	22.22 0.92 0.00	24.23 1.04 0.00	30.67 1.46 0.00	32.72 1.97 0.00	36.27 2.28 0.00	35.48 2.10 0.00	28.36 1.35 0.00	24.13 1.24 0.00	23.21 1.48 0.00

RAVENSWOOD___3 23535	22.52 1.13 0.00	20.38 1.01 0.00	18.81 0.78 0.00	19.33 0.69 0.00	20.45 0.48 0.00	21.38 0.52 0.00	22.90 0.84 0.00	23.43 0.88 0.00	22.47 0.72 0.00	23.04 0.78 0.00	23.10 0.85 0.00	22.66 0.83 0.00	22.23 0.86 0.00	22.17 0.91 0.00	22.22 0.92 0.00	24.26 1.07 0.00	30.67 1.46 0.00	32.69 1.94 0.00	36.27 2.28 0.00	35.44 2.07 0.00	28.39 1.38 0.00	24.13 1.24 0.00	23.14 1.41 0.00
RAVENSWOOD___4 23820	22.60 1.22 0.00	20.45 1.08 0.00	18.87 0.83 0.00	19.39 0.75 0.00	20.47 0.50 0.00	21.36 0.50 0.00	22.88 0.82 0.00	23.39 0.83 0.00	22.45 0.70 0.00	23.02 0.76 0.00	23.10 0.85 0.00	22.64 0.81 0.00	22.23 0.86 0.00	22.19 0.93 0.00	22.22 0.92 0.00	24.23 1.04 0.00	30.67 1.46 0.00	32.72 1.97 0.00	36.27 2.28 0.00	35.44 2.07 0.00	28.36 1.35 0.00	24.13 1.24 0.00	23.21 1.48 0.00
RCPL_TRUST___DRP 24196	22.54 1.15 0.00	20.38 1.01 0.00	18.81 0.78 0.00	19.39 0.75 0.00	20.53 0.56 0.00	21.48 0.63 0.00	22.92 0.86 0.00	23.45 0.90 0.00	22.54 0.78 0.00	23.06 0.80 0.00	23.10 0.85 0.00	22.68 0.85 0.00	22.27 0.90 0.00	22.13 0.87 0.00	22.26 0.96 0.00	24.28 1.09 0.00	30.75 1.55 0.00	32.78 2.03 0.00	36.34 2.35 0.00	35.57 2.20 0.00	28.44 1.43 0.00	24.25 1.35 0.00	23.27 1.54 0.00
RED___ROCHESTER 323720	20.62 -0.77 0.00	18.65 -0.72 0.00	17.35 -0.69 0.00	17.99 -0.65 0.00	19.07 -0.90 0.00	19.69 -1.17 0.00	20.72 -1.35 0.00	21.20 -1.35 0.00	20.71 -1.04 0.00	21.10 -1.16 0.00	21.07 -1.18 0.00	20.85 -0.98 0.00	20.29 -1.09 0.00	20.02 -1.23 0.00	20.15 -1.15 0.00	21.68 -1.51 0.00	27.20 -1.99 0.02	28.90 -1.84 0.01	31.89 -2.07 0.02	31.35 -2.00 0.02	24.22 -1.84 0.96	21.44 -1.44 0.01	20.69 -1.04 0.00
REGAN___SOLAR 323812	23.29 1.90 0.00	20.92 1.55 0.00	19.39 1.35 0.00	20.08 1.44 0.00	21.39 1.42 0.00	22.34 1.48 0.00	23.74 1.68 0.00	24.06 1.51 0.00	23.17 1.41 0.00	23.60 1.34 0.00	23.59 1.34 0.00	23.08 1.24 0.00	22.55 1.17 0.00	22.42 1.17 0.00	22.52 1.21 0.00	24.77 1.58 0.00	31.51 2.31 0.00	33.71 2.95 0.00	37.66 3.67 0.00	36.81 3.44 0.00	29.41 2.40 0.01	24.82 1.92 0.00	23.64 1.91 0.00
RENSSELAER___COGEN 23796	22.22 0.83 0.00	20.13 0.75 0.00	18.67 0.63 0.00	19.24 0.60 0.00	20.43 0.46 0.00	21.32 0.46 0.00	22.64 0.57 0.00	23.16 0.61 0.00	22.30 0.54 0.00	22.86 0.60 0.00	22.88 0.62 0.00	22.42 0.59 0.00	21.97 0.60 0.00	21.87 0.62 0.00	21.94 0.64 0.00	23.95 0.76 0.00	30.23 1.02 0.00	32.05 1.29 0.00	35.55 1.56 0.00	34.77 1.40 0.00	27.98 0.97 0.00	23.72 0.82 0.00	22.64 0.91 0.00
REPUBLIC_115KV_BARTNBRK 55605	23.22 1.84 0.00	20.88 1.51 0.00	19.34 1.30 0.00	20.04 1.40 0.00	21.29 1.32 0.00	22.32 1.46 0.00	23.74 1.68 0.00	24.27 1.71 0.00	23.47 1.72 0.00	23.97 1.71 0.00	23.97 1.71 0.00	23.38 1.55 0.00	22.94 1.56 0.00	22.81 1.55 0.00	22.84 1.53 0.00	24.97 1.79 0.00	31.57 2.37 0.00	33.65 2.89 0.00	37.56 3.57 0.00	36.68 3.30 0.00	29.31 2.30 0.00	24.66 1.76 0.00	23.56 1.83 0.00
REVERE_CPPR_DRP 24186	22.05 0.66 0.00	19.97 0.60 0.00	18.62 0.58 0.00	19.24 0.60 0.00	20.55 0.58 0.00	21.38 0.52 0.00	22.64 0.57 0.00	23.09 0.54 0.00	22.30 0.54 0.00	22.84 0.58 0.00	22.81 0.56 0.00	22.42 0.59 0.00	21.91 0.53 0.00	21.81 0.55 0.00	21.88 0.58 0.00	23.81 0.63 0.00	30.11 0.91 0.00	31.92 1.17 0.00	35.38 1.39 0.00	34.67 1.30 0.00	27.90 0.89 0.00	23.67 0.78 0.00	22.53 0.80 0.00
REYNOLDS_115KV_TB3 80639	22.18 0.79 0.00	20.11 0.74 0.00	18.65 0.61 0.00	19.26 0.62 0.00	20.41 0.44 0.00	21.36 0.50 0.00	22.57 0.51 0.00	23.14 0.59 0.00	22.28 0.52 0.00	22.86 0.60 0.00	22.86 0.60 0.00	22.40 0.57 0.00	21.95 0.58 0.00	21.85 0.60 0.00	21.92 0.62 0.00	23.95 0.77 0.00	30.26 1.05 0.00	32.05 1.29 0.00	35.55 1.56 0.00	34.81 1.43 0.00	27.98 0.97 0.00	23.74 0.85 0.00	22.66 0.93 0.00
RIVERBAY____ 323610	22.86 1.48 0.00	20.69 1.32 0.00	19.09 1.05 0.00	19.65 1.01 0.00	20.73 0.76 0.00	21.59 0.73 0.00	22.99 0.93 0.00	23.43 0.88 0.00	22.50 0.74 0.00	23.02 0.76 0.00	23.03 0.78 0.00	22.64 0.81 0.00	22.21 0.83 0.00	22.08 0.83 0.00	22.20 0.89 0.00	24.21 1.02 0.00	30.70 1.49 0.00	32.75 2.00 0.00	36.34 2.35 0.00	35.57 2.20 0.00	28.42 1.40 0.00	24.27 1.37 0.00	23.49 1.76 0.00
RIVERSDE_115KV_TB3 55908	22.24 0.86 0.00	20.15 0.77 0.00	18.69 0.65 0.00	19.29 0.65 0.00	20.47 0.50 0.00	21.40 0.54 0.00	22.64 0.57 0.00	23.18 0.63 0.00	22.34 0.59 0.00	22.91 0.65 0.00	22.90 0.65 0.00	22.44 0.61 0.00	21.99 0.62 0.00	21.89 0.64 0.00	21.96 0.66 0.00	24.00 0.81 0.00	30.29 1.08 0.00	32.11 1.35 0.00	35.62 1.63 0.00	34.87 1.50 0.00	28.04 1.03 0.00	23.79 0.89 0.00	22.71 0.98 0.00
ROARING___BROOK_WT_PWR 323790	20.60 -0.77 0.01	18.68 -0.68 0.01	17.79 -0.25 0.00	18.16 -0.48 0.00	19.73 -0.24 0.00	20.69 -0.17 0.00	21.89 -0.18 0.00	22.31 -0.25 0.00	21.41 -0.35 0.00	21.82 -0.45 0.00	21.74 -0.51 0.00	21.27 -0.57 0.00	20.80 -0.58 0.00	20.68 -0.57 0.00	20.71 -0.60 0.00	22.54 -0.65 0.00	28.36 -0.85 0.00	29.77 -0.99 0.00	32.86 -1.09 0.04	32.34 -1.03 0.00	26.28 -0.73 0.00	22.23 -0.66 0.00	20.96 -0.76 0.01
ROCHESRG_115KV_T4 355643	20.44 -0.94 0.00	18.48 -0.89 0.00	17.23 -0.81 0.00	17.67 -0.97 0.00	18.77 -1.20 0.00	19.50 -1.36 0.00	20.65 -1.41 0.00	21.00 -1.56 0.00	20.34 -1.41 0.00	20.86 -1.40 0.00	20.96 -1.29 0.00	20.63 -1.20 0.00	20.07 -1.30 0.00	20.00 -1.25 0.00	19.92 -1.38 0.00	21.45 -1.74 0.00	26.85 -2.34 0.02	28.53 -2.21 0.01	31.55 -2.41 0.02	30.91 -2.44 0.02	23.94 -2.13 0.94	21.12 -1.76 0.01	20.43 -1.30 0.00
ROCHESTER_9_IC 23652	20.55 -0.83 0.00	18.58 -0.79 0.00	17.30 -0.74 0.00	17.75 -0.89 0.00	18.85 -1.12 0.00	19.61 -1.25 0.00	20.74 -1.32 0.00	21.11 -1.44 0.00	20.45 -1.31 0.00	20.99 -1.27 0.00	21.08 -1.18 0.00	20.74 -1.09 0.00	20.18 -1.20 0.00	20.11 -1.15 0.00	20.04 -1.26 0.00	21.57 -1.62 0.00	26.99 -2.19 0.02	28.68 -2.06 0.01	31.76 -2.21 0.02	31.11 -2.24 0.02	24.06 -2.00 0.96	21.23 -1.65 0.01	20.54 -1.20 0.00
ROCKVIEW_13_KV_LD 356306	22.60 1.22 0.00	20.44 1.07 0.00	18.89 0.85 0.00	19.46 0.82 0.00	20.61 0.64 0.00	21.59 0.73 0.00	23.01 0.95 0.00	23.55 0.99 0.00	22.65 0.89 0.00	23.17 0.91 0.00	23.19 0.93 0.00	22.77 0.94 0.00	22.34 0.96 0.00	22.21 0.96 0.00	22.32 1.02 0.00	24.37 1.18 0.00	30.87 1.66 0.00	32.88 2.12 0.00	36.47 2.48 0.00	35.67 2.30 0.00	28.55 1.54 0.00	24.29 1.40 0.00	23.29 1.56 0.00

ROME____115KV_TB2 80656	22.05 0.66 0.00	19.97 0.60 0.00	18.62 0.58 0.00	19.24 0.60 0.00	20.55 0.58 0.00	21.38 0.52 0.00	22.64 0.57 0.00	23.09 0.54 0.00	22.30 0.54 0.00	22.84 0.58 0.00	22.81 0.56 0.00	22.42 0.59 0.00	21.91 0.53 0.00	21.81 0.55 0.00	21.88 0.58 0.00	23.81 0.63 0.00	30.11 0.91 0.00	31.92 1.17 0.00	35.38 1.39 0.00	34.67 1.30 0.00	27.90 0.89 0.00	23.67 0.78 0.00	22.53 0.80 0.00
ROSETON____1 23587	22.30 0.92 0.00	20.20 0.83 0.00	18.69 0.65 0.00	19.22 0.58 0.00	20.39 0.42 0.00	21.30 0.44 0.00	22.75 0.68 0.00	23.27 0.72 0.00	22.36 0.61 0.00	22.91 0.65 0.00	22.95 0.69 0.00	22.49 0.65 0.00	22.06 0.68 0.00	21.98 0.72 0.00	22.03 0.72 0.00	24.05 0.86 0.00	30.40 1.20 0.00	32.32 1.57 0.00	35.86 1.87 0.00	35.07 1.70 0.00	28.14 1.13 0.00	23.88 0.98 0.00	22.84 1.11 0.00
ROSETON____2 23588	22.30 0.92 0.00	20.20 0.83 0.00	18.69 0.65 0.00	19.22 0.58 0.00	20.39 0.42 0.00	21.30 0.44 0.00	22.75 0.68 0.00	23.27 0.72 0.00	22.36 0.61 0.00	22.91 0.65 0.00	22.95 0.69 0.00	22.49 0.65 0.00	22.06 0.68 0.00	21.98 0.72 0.00	22.03 0.72 0.00	24.05 0.86 0.00	30.40 1.20 0.00	32.32 1.57 0.00	35.86 1.87 0.00	35.07 1.70 0.00	28.14 1.13 0.00	23.88 0.98 0.00	22.84 1.11 0.00
ROTTRDAM_115KV_TB3 80664	22.03 0.64 0.00	19.95 0.58 0.00	18.51 0.47 0.00	19.12 0.48 0.00	20.35 0.38 0.00	21.25 0.40 0.00	22.53 0.46 0.00	23.03 0.47 0.00	22.21 0.46 0.00	22.73 0.47 0.00	22.72 0.47 0.00	22.27 0.44 0.00	21.82 0.45 0.00	21.70 0.45 0.00	21.77 0.47 0.00	23.77 0.58 0.00	30.02 0.82 0.00	31.80 1.05 0.00	35.25 1.26 0.00	34.54 1.17 0.00	27.79 0.78 0.00	23.56 0.66 0.00	22.47 0.74 0.00
RUSSELL____1 23602	20.62 -0.77 0.00	18.64 -0.74 0.00	17.35 -0.69 0.00	17.80 -0.84 0.00	18.91 -1.06 0.00	19.67 -1.19 0.00	20.83 -1.24 0.00	21.20 -1.35 0.00	20.56 -1.20 0.00	21.08 -1.18 0.00	21.19 -1.07 0.00	20.85 -0.98 0.00	20.28 -1.09 0.00	20.21 -1.04 0.00	20.15 -1.15 0.00	21.66 -1.53 0.00	27.14 -2.04 0.02	28.87 -1.88 0.01	31.96 -2.01 0.02	31.28 -2.07 0.02	24.19 -1.86 0.96	21.33 -1.56 0.01	20.62 -1.11 0.00
RUSSELL____2 23532	20.62 -0.77 0.00	18.64 -0.74 0.00	17.35 -0.69 0.00	17.80 -0.84 0.00	18.91 -1.06 0.00	19.67 -1.19 0.00	20.83 -1.24 0.00	21.20 -1.35 0.00	20.56 -1.20 0.00	21.08 -1.18 0.00	21.19 -1.07 0.00	20.85 -0.98 0.00	20.28 -1.09 0.00	20.21 -1.04 0.00	20.15 -1.15 0.00	21.66 -1.53 0.00	27.14 -2.04 0.02	28.87 -1.88 0.01	31.96 -2.01 0.02	31.28 -2.07 0.02	24.19 -1.86 0.96	21.33 -1.56 0.01	20.62 -1.11 0.00
RUSSELL____3 23549	20.62 -0.77 0.00	18.64 -0.74 0.00	17.35 -0.69 0.00	17.80 -0.84 0.00	18.91 -1.06 0.00	19.67 -1.19 0.00	20.83 -1.24 0.00	21.20 -1.35 0.00	20.56 -1.20 0.00	21.08 -1.18 0.00	21.19 -1.07 0.00	20.85 -0.98 0.00	20.28 -1.09 0.00	20.21 -1.04 0.00	20.15 -1.15 0.00	21.66 -1.53 0.00	27.14 -2.04 0.02	28.87 -1.88 0.01	31.96 -2.01 0.02	31.28 -2.07 0.02	24.19 -1.86 0.96	21.33 -1.56 0.01	20.62 -1.11 0.00
RUSSELL____4 23556	20.62 -0.77 0.00	18.64 -0.74 0.00	17.35 -0.69 0.00	17.80 -0.84 0.00	18.91 -1.06 0.00	19.67 -1.19 0.00	20.83 -1.24 0.00	21.20 -1.35 0.00	20.56 -1.20 0.00	21.08 -1.18 0.00	21.19 -1.07 0.00	20.85 -0.98 0.00	20.28 -1.09 0.00	20.21 -1.04 0.00	20.15 -1.15 0.00	21.66 -1.53 0.00	27.14 -2.04 0.02	28.87 -1.88 0.01	31.96 -2.01 0.02	31.28 -2.07 0.02	24.19 -1.86 0.96	21.33 -1.56 0.01	20.62 -1.11 0.00
RUSSELL____STATION 23914	20.62 -0.77 0.00	18.64 -0.74 0.00	17.35 -0.69 0.00	17.80 -0.84 0.00	18.91 -1.06 0.00	19.67 -1.19 0.00	20.83 -1.24 0.00	21.20 -1.35 0.00	20.56 -1.20 0.00	21.08 -1.18 0.00	21.19 -1.07 0.00	20.85 -0.98 0.00	20.28 -1.09 0.00	20.21 -1.04 0.00	20.15 -1.15 0.00	21.66 -1.53 0.00	27.14 -2.04 0.02	28.87 -1.88 0.01	31.96 -2.01 0.02	31.28 -2.07 0.02	24.19 -1.86 0.96	21.33 -1.56 0.01	20.62 -1.11 0.00
S SALMON____HYD 24043	21.06 -0.32 0.00	19.08 -0.29 0.00	17.77 -0.27 0.00	18.40 -0.24 0.00	19.61 -0.36 0.00	20.42 -0.44 0.00	21.45 -0.62 0.00	21.88 -0.68 0.00	21.15 -0.61 0.00	21.61 -0.65 0.00	21.56 -0.69 0.00	21.18 -0.65 0.00	20.71 -0.66 0.00	20.55 -0.70 0.00	20.64 -0.66 0.00	22.47 -0.72 0.00	28.39 -0.82 0.00	30.14 -0.61 0.00	33.41 -0.58 0.00	32.77 -0.60 0.00	26.39 -0.62 0.00	22.39 -0.50 0.00	21.36 -0.37 0.00
S.PERRY__115KV_TB1 80734	21.75 0.36 0.00	19.64 0.27 0.00	18.24 0.20 0.00	18.73 0.09 0.00	19.87 -0.10 0.00	20.65 -0.21 0.00	21.73 -0.33 0.00	21.90 -0.65 0.00	21.12 -0.63 0.00	21.59 -0.67 0.00	21.63 -0.62 0.00	21.24 -0.59 0.00	20.69 -0.68 0.00	20.64 -0.62 0.00	20.62 -0.68 0.00	22.35 -0.83 0.00	28.16 -1.05 0.00	30.26 -0.49 0.00	33.76 -0.24 0.00	33.01 -0.37 0.00	26.53 -0.65 -0.17	22.46 -0.43 0.00	21.60 -0.13 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	20.00 -1.39 0.00	18.05 -1.32 0.00	16.79 -1.24 0.00	17.13 -1.51 0.00	18.13 -1.84 0.00	18.77 -2.09 0.00	19.95 -2.12 0.00	20.14 -2.41 0.00	19.56 -2.20 0.00	20.10 -2.16 0.00	20.23 -2.03 0.00	19.93 -1.90 0.00	19.30 -2.07 0.00	19.28 -1.98 0.00	19.11 -2.19 0.00	20.41 -2.78 0.00	25.33 -3.86 0.02	27.06 -3.69 0.01	29.83 -4.15 0.02	29.02 -4.34 0.02	22.23 -3.84 0.95	20.16 -2.72 0.01	19.73 -2.00 0.00
SAWYER__23_KV_LOAD 55526	20.00 -1.39 0.00	18.05 -1.32 0.00	16.79 -1.24 0.00	17.13 -1.51 0.00	18.13 -1.84 0.00	18.77 -2.09 0.00	19.95 -2.12 0.00	20.14 -2.41 0.00	19.56 -2.20 0.00	20.10 -2.16 0.00	20.23 -2.03 0.00	19.93 -1.90 0.00	19.30 -2.07 0.00	19.28 -1.98 0.00	19.11 -2.19 0.00	20.41 -2.78 0.00	25.33 -3.86 0.02	27.06 -3.69 0.01	29.83 -4.15 0.02	29.02 -4.34 0.02	22.23 -3.84 0.95	20.16 -2.72 0.01	19.73 -2.00 0.00
SELKIRK____I 23801	22.24 0.86 0.00	20.13 0.75 0.00	18.69 0.65 0.00	19.25 0.61 0.00	20.49 0.52 0.00	21.38 0.52 0.00	22.68 0.62 0.00	23.21 0.65 0.00	22.34 0.59 0.00	22.88 0.62 0.00	22.90 0.65 0.00	22.44 0.61 0.00	22.00 0.62 0.00	21.89 0.64 0.00	21.94 0.64 0.00	23.95 0.76 0.00	30.20 0.99 0.00	31.99 1.23 0.00	35.48 1.49 0.00	34.74 1.37 0.00	27.96 0.94 0.00	23.70 0.80 0.00	22.62 0.89 0.00
SELKIRK____II 23799	22.11 0.73 0.00	20.03 0.66 0.00	18.60 0.56 0.00	19.16 0.52 0.00	20.37 0.40 0.00	21.25 0.40 0.00	22.57 0.51 0.00	23.09 0.54 0.00	22.23 0.48 0.00	22.77 0.51 0.00	22.79 0.53 0.00	22.34 0.50 0.00	21.89 0.51 0.00	21.79 0.53 0.00	21.83 0.53 0.00	23.86 0.67 0.00	30.11 0.91 0.00	31.89 1.14 0.00	35.35 1.36 0.00	34.64 1.27 0.00	27.85 0.84 0.00	23.63 0.73 0.00	22.53 0.80 0.00

SENECA OSWGO___HYD 24041	21.21 -0.17 0.00	19.22 -0.16 0.00	17.89 -0.14 0.00	18.49 -0.15 0.00	19.69 -0.28 0.00	20.50 -0.35 0.00	21.53 -0.53 0.00	21.97 -0.59 0.00	21.28 -0.48 0.00	21.73 -0.53 0.00	21.72 -0.53 0.00	21.35 -0.48 0.00	20.88 -0.49 0.00	20.73 -0.53 0.00	20.79 -0.51 0.00	22.59 -0.60 0.00	28.45 -0.76 0.00	30.14 -0.61 0.00	33.34 -0.65 0.00	32.70 -0.67 0.00	26.31 -0.70 0.00	22.37 -0.53 0.00	21.40 -0.33 0.00
SENECA___115KV_TB3 355854	20.29 -1.09 0.00	18.33 -1.05 0.00	17.01 -1.03 0.00	17.35 -1.29 0.00	18.37 -1.60 0.00	19.02 -1.84 0.00	20.23 -1.83 0.00	20.43 -2.12 0.00	19.86 -1.89 0.00	20.41 -1.85 0.00	20.52 -1.74 0.00	20.22 -1.62 0.00	19.58 -1.80 0.00	19.53 -1.72 0.00	19.38 -1.92 0.00	20.73 -2.46 0.00	25.69 -3.50 0.02	27.49 -3.26 0.01	30.27 -3.70 0.02	29.32 -4.04 0.02	22.49 -3.65 0.88	20.48 -2.40 0.01	20.04 -1.69 0.00
SENECA___ENERGY 23797	21.30 -0.09 0.00	19.29 -0.08 0.00	17.95 -0.09 0.00	18.57 -0.07 0.00	19.73 -0.24 0.00	20.50 -0.35 0.00	21.58 -0.49 0.00	22.03 -0.52 0.00	21.34 -0.41 0.00	21.79 -0.47 0.00	21.76 -0.49 0.00	21.44 -0.39 0.00	20.92 -0.45 0.00	20.77 -0.49 0.00	20.85 -0.45 0.00	22.63 -0.56 0.00	28.56 -0.70 -0.06	30.35 -0.43 -0.03	33.50 -0.55 -0.06	32.86 -0.57 -0.06	28.64 -0.67 -2.31	22.47 -0.46 -0.03	21.49 -0.24 0.00
SHOEMAKER___GT 23640	22.22 0.83 0.00	20.13 0.75 0.00	18.62 0.58 0.00	19.16 0.52 0.00	20.35 0.38 0.00	21.23 0.38 0.00	22.66 0.60 0.00	23.16 0.61 0.00	22.26 0.50 0.00	22.79 0.53 0.00	22.81 0.56 0.00	22.38 0.55 0.00	21.93 0.55 0.00	21.83 0.57 0.00	21.90 0.60 0.00	23.91 0.72 0.00	30.20 0.99 0.00	32.14 1.39 0.00	35.66 1.67 0.00	34.94 1.57 0.00	28.01 1.00 0.00	23.76 0.87 0.00	22.71 0.98 0.00
SHOEMAKR_138KV_BK 111 55601	22.22 0.83 0.00	20.13 0.76 0.00	18.62 0.58 0.00	19.20 0.56 0.00	20.37 0.40 0.00	21.29 0.44 0.00	22.66 0.60 0.00	23.16 0.61 0.00	22.30 0.54 0.00	22.79 0.53 0.00	22.79 0.53 0.00	22.38 0.55 0.00	21.93 0.56 0.00	21.81 0.55 0.00	21.90 0.60 0.00	23.93 0.74 0.00	30.23 1.02 0.00	32.17 1.41 0.00	35.66 1.67 0.00	34.97 1.60 0.00	28.01 1.00 0.00	23.81 0.92 0.00	22.79 1.06 0.00
SHOREHAM_IC_1 23715	22.67 1.28 0.00	20.51 1.14 0.00	18.85 0.81 0.00	19.35 0.71 0.00	20.81 0.84 0.00	22.09 1.23 0.00	25.41 1.57 -1.78	23.93 1.38 0.00	22.54 0.78 0.00	23.04 0.78 0.00	23.03 0.78 0.00	22.47 0.63 0.00	22.06 0.68 0.00	22.04 0.79 0.00	22.15 0.85 0.00	24.28 1.09 0.00	30.78 1.58 0.00	33.15 2.40 0.00	37.02 2.75 -0.28	35.74 2.37 0.00	31.91 1.70 -3.20	29.74 1.51 -5.33	23.32 1.59 0.00
SHOREHAM_IC_2 23716	22.67 1.28 0.00	20.51 1.14 0.00	18.85 0.81 0.00	19.35 0.71 0.00	20.81 0.84 0.00	22.09 1.23 0.00	25.41 1.57 -1.78	23.93 1.38 0.00	22.54 0.78 0.00	23.04 0.78 0.00	23.03 0.78 0.00	22.47 0.63 0.00	22.06 0.68 0.00	22.04 0.79 0.00	22.15 0.85 0.00	24.28 1.09 0.00	30.78 1.58 0.00	33.15 2.40 0.00	37.02 2.75 -0.28	35.74 2.37 0.00	31.91 1.70 -3.20	29.74 1.51 -5.33	23.32 1.59 0.00
SISSONVILLE___ 23735	20.05 -1.33 0.01	18.16 -1.20 0.01	17.08 -0.96 0.00	17.67 -0.97 0.00	19.23 -0.74 0.00	20.34 -0.52 0.00	21.49 -0.57 0.00	22.01 -0.54 0.00	21.21 -0.54 0.00	21.68 -0.58 0.00	21.68 -0.58 0.00	21.20 -0.63 0.00	20.75 -0.62 0.00	20.62 -0.64 0.00	20.62 -0.68 0.00	22.45 -0.74 0.00	28.07 -1.14 0.00	33.66 -1.51 -4.41	38.27 -1.73 -6.02	31.77 -1.60 0.00	29.92 -1.03 -3.94	23.48 -0.87 -1.45	24.80 -1.15 -4.22
SITHE_IND_GS1 24169	21.00 -0.38 0.00	19.02 -0.35 0.00	17.71 -0.32 0.00	18.30 -0.33 0.00	19.51 -0.46 0.00	20.31 -0.54 0.00	21.31 -0.75 0.00	21.74 -0.81 0.00	21.04 -0.72 0.00	21.50 -0.76 0.00	21.47 -0.78 0.00	21.11 -0.72 0.00	20.67 -0.70 0.00	20.51 -0.74 0.00	20.58 -0.72 0.00	22.35 -0.83 0.00	28.13 -1.08 0.00	29.74 -1.01 0.00	32.87 -1.12 0.00	32.27 -1.10 0.00	26.02 -1.00 -0.01	22.12 -0.78 0.00	21.17 -0.57 0.00
SITHE_IND_GS2 24170	21.00 -0.38 0.00	19.02 -0.35 0.00	17.71 -0.32 0.00	18.30 -0.33 0.00	19.51 -0.46 0.00	20.31 -0.54 0.00	21.31 -0.75 0.00	21.74 -0.81 0.00	21.04 -0.72 0.00	21.50 -0.76 0.00	21.47 -0.78 0.00	21.11 -0.72 0.00	20.67 -0.70 0.00	20.51 -0.74 0.00	20.58 -0.72 0.00	22.35 -0.83 0.00	28.13 -1.08 0.00	29.74 -1.01 0.00	32.87 -1.12 0.00	32.27 -1.10 0.00	26.02 -1.00 -0.01	22.12 -0.78 0.00	21.17 -0.57 0.00
SITHE_IND_GS3 24171	21.00 -0.38 0.00	19.02 -0.35 0.00	17.71 -0.32 0.00	18.30 -0.33 0.00	19.51 -0.46 0.00	20.31 -0.54 0.00	21.31 -0.75 0.00	21.74 -0.81 0.00	21.04 -0.72 0.00	21.50 -0.76 0.00	21.47 -0.78 0.00	21.11 -0.72 0.00	20.67 -0.70 0.00	20.51 -0.74 0.00	20.58 -0.72 0.00	22.35 -0.83 0.00	28.13 -1.08 0.00	29.74 -1.01 0.00	32.87 -1.12 0.00	32.27 -1.10 0.00	26.02 -1.00 -0.01	22.12 -0.78 0.00	21.17 -0.57 0.00
SITHE_IND_GS4 24172	21.00 -0.38 0.00	19.02 -0.35 0.00	17.71 -0.32 0.00	18.30 -0.33 0.00	19.51 -0.46 0.00	20.31 -0.54 0.00	21.31 -0.75 0.00	21.74 -0.81 0.00	21.04 -0.72 0.00	21.50 -0.76 0.00	21.47 -0.78 0.00	21.11 -0.72 0.00	20.67 -0.70 0.00	20.51 -0.74 0.00	20.58 -0.72 0.00	22.35 -0.83 0.00	28.13 -1.08 0.00	29.74 -1.01 0.00	32.87 -1.12 0.00	32.27 -1.10 0.00	26.02 -1.00 -0.01	22.12 -0.78 0.00	21.17 -0.57 0.00
SITHE___BATAVIA 24024	20.38 -1.00 0.00	18.40 -0.97 0.00	17.10 -0.94 0.00	17.76 -0.88 0.00	18.75 -1.22 0.00	19.19 -1.67 0.00	20.19 -1.88 0.00	20.61 -1.94 0.00	20.21 -1.54 0.00	20.52 -1.74 0.00	20.45 -1.80 0.00	20.33 -1.51 0.00	19.69 -1.69 0.00	19.39 -1.87 0.00	19.53 -1.77 0.00	20.92 -2.27 0.00	26.21 -2.98 0.02	27.98 -2.77 0.01	30.84 -3.13 0.02	30.25 -3.10 0.02	23.18 -2.86 0.97	20.85 -2.04 0.01	20.23 -1.50 0.00
SITHE___INDEPEND 23800	21.00 -0.38 0.00	19.02 -0.35 0.00	17.71 -0.32 0.00	18.27 -0.37 0.00	19.49 -0.48 0.00	20.23 -0.63 0.00	21.31 -0.75 0.00	21.74 -0.81 0.00	21.02 -0.74 0.00	21.50 -0.76 0.00	21.50 -0.76 0.00	21.11 -0.72 0.00	20.67 -0.71 0.00	20.55 -0.70 0.00	20.58 -0.72 0.00	22.35 -0.83 0.00	28.13 -1.08 0.00	29.71 -1.05 0.00	32.87 -1.12 0.00	32.20 -1.17 0.00	26.02 -1.00 -0.01	22.07 -0.82 0.00	21.08 -0.65 0.00
SITHE___MASSENA 23902	20.71 -0.66 0.01	18.76 -0.60 0.01	17.61 -0.43 0.00	18.19 -0.45 0.00	19.77 -0.20 0.00	20.86 0.00 0.00	22.04 -0.02 0.00	22.55 0.00 0.00	21.73 -0.02 0.00	22.24 -0.02 0.00	22.23 -0.02 0.00	21.75 -0.09 0.00	21.31 -0.06 0.00	21.19 -0.06 0.00	21.20 -0.11 0.00	23.05 -0.14 0.00	28.83 -0.38 0.00	30.80 -0.77 -0.81	34.16 -0.92 -1.09	32.57 -0.80 0.00	27.36 -0.38 -0.73	22.86 -0.30 -0.27	21.94 -0.57 -0.77

SITHE___OGDNSBRG 24021	20.63 -0.75 0.01	18.67 -0.70 0.01	17.53 -0.51 0.00	18.16 -0.48 0.00	19.77 -0.20 0.00	20.88 0.02 0.00	22.04 -0.02 0.00	22.58 0.02 0.00	21.76 0.00 0.00	22.24 -0.02 0.00	22.23 -0.02 0.00	21.75 -0.09 0.00	21.29 -0.09 0.00	21.17 -0.09 0.00	21.20 -0.11 0.00	23.07 -0.12 0.00	28.89 -0.32 0.00	33.12 -0.65 -3.01	37.38 -0.71 -4.10	32.77 -0.60 0.00	29.48 -0.22 -2.69	23.68 -0.21 -0.99	24.09 -0.52 -2.88
SITHE___STERLING 23777	21.96 0.58 0.00	19.89 0.52 0.00	18.53 0.49 0.00	19.16 0.52 0.00	20.45 0.48 0.00	21.30 0.44 0.00	22.50 0.44 0.00	22.96 0.41 0.00	22.19 0.43 0.00	22.73 0.47 0.00	22.68 0.42 0.00	22.31 0.48 0.00	21.80 0.43 0.00	21.68 0.42 0.00	21.77 0.47 0.00	23.70 0.51 0.00	29.91 0.70 0.00	31.71 0.95 0.00	35.11 1.12 0.00	34.41 1.04 0.00	27.71 0.70 0.00	23.51 0.62 0.00	22.43 0.70 0.00
SLEIGHT__34_KV_TB1 80719	20.74 -0.64 0.00	18.77 -0.60 0.00	17.48 -0.56 0.00	17.99 -0.65 0.00	19.15 -0.82 0.00	19.94 -0.92 0.00	21.07 -0.99 0.00	21.49 -1.06 0.00	20.80 -0.96 0.00	21.33 -0.93 0.00	21.39 -0.87 0.00	21.03 -0.81 0.00	20.50 -0.88 0.00	20.43 -0.83 0.00	20.39 -0.92 0.00	22.03 -1.16 0.00	27.66 -1.52 0.02	29.36 -1.38 0.01	32.47 -1.50 0.02	31.81 -1.54 0.02	24.56 -1.43 1.02	21.67 -1.21 0.01	20.84 -0.89 0.00
SOUTH CAIRO___GT 23612	22.88 1.50 0.00	20.67 1.30 0.00	19.18 1.14 0.00	19.78 1.14 0.00	21.05 1.08 0.00	21.92 1.06 0.00	23.25 1.19 0.00	23.72 1.17 0.00	22.78 1.02 0.00	23.28 1.02 0.00	23.26 1.00 0.00	22.75 0.92 0.00	22.29 0.92 0.00	22.17 0.91 0.00	22.24 0.94 0.00	24.39 1.21 0.00	30.93 1.72 0.00	32.94 2.18 0.00	36.71 2.72 0.00	35.98 2.60 0.00	28.77 1.75 0.00	24.31 1.42 0.00	23.16 1.43 0.00
SOUTH HAMPTN___IC 23720	22.95 1.56 0.00	20.75 1.38 0.00	19.07 1.03 0.00	19.55 0.91 0.00	21.01 1.04 0.00	22.28 1.42 0.00	25.65 1.81 -1.78	24.22 1.67 0.00	22.89 1.13 0.00	23.39 1.13 0.00	23.37 1.11 0.00	22.77 0.94 0.00	22.34 0.96 0.00	22.34 1.08 0.00	22.43 1.13 0.00	24.60 1.41 0.00	31.16 1.96 0.00	33.62 2.86 0.00	37.56 3.30 -0.28	36.24 2.87 0.00	32.34 2.13 -3.20	30.06 1.83 -5.33	23.62 1.89 0.00
SOUTHDOW_115KV_TB1 355954	21.00 -0.38 0.00	18.93 -0.45 0.00	17.50 -0.54 0.00	17.75 -0.89 0.00	18.81 -1.16 0.00	19.38 -1.48 0.00	20.67 -1.39 0.00	20.88 -1.67 0.00	20.32 -1.44 0.00	20.86 -1.40 0.00	20.90 -1.36 0.00	20.55 -1.29 0.00	19.88 -1.50 0.00	19.75 -1.51 0.00	19.62 -1.68 0.00	21.01 -2.18 0.00	25.98 -3.21 0.01	27.92 -2.83 0.01	30.75 -3.23 0.01	29.69 -3.67 0.01	22.83 -3.51 0.67	20.97 -1.92 0.01	20.43 -1.30 0.00
SOUTHOLD_69_KV_BK 2 55809	23.22 1.84 0.00	20.98 1.61 0.00	19.37 1.33 0.00	19.91 1.27 0.00	21.35 1.38 0.00	22.63 1.77 0.00	25.96 2.12 -1.78	24.58 2.03 0.00	23.39 1.63 0.00	23.71 1.45 0.00	23.63 1.38 0.00	23.06 1.22 0.00	22.59 1.22 0.00	22.51 1.25 0.00	22.69 1.38 0.00	24.88 1.69 0.00	31.72 2.51 0.00	34.14 3.38 0.00	38.17 3.91 -0.28	36.84 3.47 0.00	32.77 2.57 -3.20	30.47 2.24 -5.33	24.01 2.28 0.00
SOUTHOLD___IC 23719	23.23 1.84 0.00	20.98 1.61 0.00	19.27 1.23 0.00	19.78 1.14 0.00	21.23 1.26 0.00	22.50 1.65 0.00	25.96 2.12 -1.78	24.58 2.03 0.00	23.24 1.48 0.00	23.71 1.45 0.00	23.68 1.43 0.00	23.06 1.22 0.00	22.59 1.22 0.00	22.57 1.32 0.00	22.69 1.38 0.00	24.88 1.69 0.00	31.60 2.40 0.00	34.11 3.35 0.00	38.14 3.87 -0.28	36.78 3.41 0.00	32.75 2.54 -3.20	30.43 2.20 -5.33	23.92 2.19 0.00
SOUTH_FORK_WT_PWR 323839	23.18 1.80 0.00	20.94 1.57 0.00	19.23 1.19 0.00	19.74 1.10 0.00	21.19 1.22 0.00	22.46 1.61 0.00	25.92 2.07 -1.78	24.54 1.99 0.00	23.19 1.44 0.00	23.66 1.40 0.00	23.63 1.38 0.00	22.99 1.16 0.00	22.53 1.15 0.00	22.51 1.25 0.00	22.62 1.32 0.00	24.81 1.62 0.00	31.49 2.28 0.00	34.01 3.26 0.00	38.04 3.77 -0.28	36.68 3.30 0.00	32.69 2.48 -3.20	30.36 2.13 -5.33	23.88 2.15 0.00
SPIERFLS_115KV_TB 1 80737	22.41 1.03 0.00	20.22 0.85 0.00	18.76 0.72 0.00	19.40 0.76 0.00	20.63 0.66 0.00	21.59 0.73 0.00	22.90 0.84 0.00	23.43 0.88 0.00	22.65 0.89 0.00	23.17 0.91 0.00	23.17 0.91 0.00	22.66 0.83 0.00	22.19 0.81 0.00	22.08 0.83 0.00	22.13 0.83 0.00	24.19 1.00 0.00	30.58 1.37 0.00	32.48 1.72 0.00	36.13 2.14 0.00	35.34 1.97 0.00	28.33 1.32 0.00	23.92 1.03 0.00	22.84 1.11 0.00
ST LAWRENCE____ 23600	20.65 -0.73 0.01	18.70 -0.66 0.01	17.55 -0.49 0.00	18.14 -0.50 0.00	19.71 -0.26 0.00	20.71 -0.14 0.00	21.89 -0.18 0.00	22.40 -0.16 0.00	21.58 -0.17 0.00	22.08 -0.18 0.00	22.08 -0.18 0.00	21.61 -0.22 0.00	21.16 -0.21 0.00	21.04 -0.21 0.00	21.05 -0.25 0.00	22.89 -0.30 0.00	28.71 -0.50 0.00	29.89 -0.86 0.00	32.91 -1.05 0.02	32.44 -0.93 0.00	26.53 -0.49 0.00	22.44 -0.46 0.00	21.03 -0.70 0.01
STATE_CA_115KV_115_LB 55624	22.37 0.98 0.00	20.24 0.87 0.00	18.78 0.74 0.00	19.39 0.75 0.00	20.57 0.60 0.00	21.50 0.65 0.00	22.77 0.71 0.00	23.30 0.74 0.00	22.47 0.72 0.00	23.04 0.78 0.00	23.03 0.78 0.00	22.58 0.74 0.00	22.12 0.75 0.00	22.00 0.74 0.00	22.09 0.79 0.00	24.12 0.93 0.00	30.46 1.26 0.00	32.29 1.54 0.00	35.83 1.84 0.00	35.07 1.70 0.00	28.17 1.16 0.00	23.90 1.01 0.00	22.82 1.09 0.00
STATE_ST_34_KV_LOAD 55959	21.49 0.11 0.00	19.51 0.14 0.00	18.11 0.07 0.00	18.68 0.04 0.00	19.91 -0.06 0.00	20.73 -0.13 0.00	21.91 -0.15 0.00	22.39 -0.16 0.00	21.65 -0.11 0.00	22.17 -0.09 0.00	22.21 -0.04 0.00	21.79 -0.04 0.00	21.29 -0.09 0.00	21.21 -0.04 0.00	21.24 -0.06 0.00	23.05 -0.14 0.00	29.02 -0.20 -0.02	30.80 0.03 -0.01	34.08 0.07 -0.02	33.32 -0.07 -0.02	27.58 -0.22 -0.79	22.74 -0.16 -0.01	21.73 0.00 0.00
STATION 5_MISC_HYD 23604	20.55 -0.83 0.00	18.58 -0.80 0.00	17.30 -0.74 0.00	17.93 -0.71 0.00	18.99 -0.98 0.00	19.63 -1.23 0.00	20.65 -1.41 0.00	21.11 -1.44 0.00	20.62 -1.13 0.00	20.99 -1.27 0.00	20.96 -1.29 0.00	20.74 -1.09 0.00	20.18 -1.20 0.00	19.94 -1.32 0.00	20.04 -1.26 0.00	21.56 -1.62 0.00	27.05 -2.13 0.02	28.74 -2.00 0.01	31.72 -2.24 0.02	31.18 -2.17 0.02	24.08 -1.97 0.96	21.35 -1.53 0.01	20.60 -1.13 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	21.00 -0.38 0.00	19.00 -0.37 0.00	17.68 -0.36 0.00	18.17 -0.47 0.00	19.33 -0.64 0.00	20.13 -0.73 0.00	21.29 -0.77 0.00	21.70 -0.86 0.00	21.02 -0.74 0.00	21.53 -0.73 0.00	21.59 -0.67 0.00	21.22 -0.61 0.00	20.69 -0.68 0.00	20.60 -0.66 0.00	20.58 -0.72 0.00	22.21 -0.97 0.00	27.87 -1.29 0.05	29.65 -1.08 0.02	32.82 -1.12 0.05	32.09 -1.23 0.05	23.81 -1.22 1.98	21.89 -0.98 0.02	21.06 -0.67 0.00

STA_56___34_KV_BUS2_REV_LBMP_B 345033	20.49 -0.90 0.00	18.52 -0.85 0.00	17.25 -0.79 0.00	17.71 -0.93 0.00	18.83 -1.14 0.00	19.58 -1.27 0.00	20.72 -1.35 0.00	21.09 -1.47 0.00	20.45 -1.31 0.00	20.97 -1.29 0.00	21.05 -1.20 0.00	20.72 -1.11 0.00	20.18 -1.20 0.00	20.09 -1.17 0.00	20.02 -1.28 0.00	21.57 -1.62 0.00	27.02 -2.16 0.03	28.71 -2.03 0.01	31.79 -2.18 0.03	31.11 -2.24 0.03	23.91 -1.97 1.13	21.23 -1.65 0.01	20.49 -1.24 0.00
STA_56___34_KV_BUS2 355883	20.49 -0.90 0.00	18.52 -0.85 0.00	17.25 -0.79 0.00	17.71 -0.93 0.00	18.83 -1.14 0.00	19.58 -1.27 0.00	20.72 -1.35 0.00	21.09 -1.47 0.00	20.45 -1.31 0.00	20.97 -1.29 0.00	21.05 -1.20 0.00	20.72 -1.11 0.00	20.18 -1.20 0.00	20.09 -1.17 0.00	20.02 -1.28 0.00	21.57 -1.62 0.00	27.02 -2.16 0.03	28.71 -2.03 0.01	31.79 -2.18 0.03	31.11 -2.24 0.03	23.91 -1.97 1.13	21.23 -1.65 0.01	20.49 -1.24 0.00
STA_67___115KV_BK2 355882	20.51 -0.88 0.00	18.54 -0.83 0.00	17.26 -0.78 0.00	17.71 -0.93 0.00	18.83 -1.14 0.00	19.56 -1.29 0.00	20.70 -1.37 0.00	21.06 -1.49 0.00	20.41 -1.35 0.00	20.92 -1.34 0.00	21.03 -1.22 0.00	20.70 -1.14 0.00	20.14 -1.24 0.00	20.07 -1.19 0.00	20.00 -1.30 0.00	21.52 -1.67 0.00	26.93 -2.25 0.02	28.62 -2.12 0.01	31.69 -2.28 0.02	31.05 -2.30 0.02	24.00 -2.05 0.95	21.19 -1.69 0.01	20.49 -1.24 0.00
STA_7___115KV_9TRANS 80674	20.62 -0.77 0.00	18.64 -0.74 0.00	17.35 -0.69 0.00	17.80 -0.84 0.00	18.91 -1.06 0.00	19.67 -1.19 0.00	20.83 -1.24 0.00	21.20 -1.35 0.00	20.56 -1.20 0.00	21.08 -1.18 0.00	21.19 -1.07 0.00	20.85 -0.98 0.00	20.28 -1.09 0.00	20.21 -1.04 0.00	20.15 -1.15 0.00	21.66 -1.53 0.00	27.14 -2.04 0.02	28.87 -1.88 0.01	31.96 -2.01 0.02	31.28 -2.07 0.02	24.19 -1.86 0.96	21.33 -1.56 0.01	20.62 -1.11 0.00
STA_82___115KV_TB1 80780	20.51 -0.88 0.00	18.56 -0.81 0.00	17.28 -0.76 0.00	17.73 -0.91 0.00	18.83 -1.14 0.00	19.58 -1.27 0.00	20.72 -1.35 0.00	21.06 -1.49 0.00	20.43 -1.33 0.00	20.95 -1.31 0.00	21.03 -1.22 0.00	20.70 -1.14 0.00	20.16 -1.22 0.00	20.09 -1.17 0.00	20.00 -1.30 0.00	21.52 -1.67 0.00	26.96 -2.22 0.02	28.65 -2.09 0.01	31.69 -2.28 0.02	31.05 -2.30 0.02	24.02 -2.03 0.97	21.19 -1.69 0.01	20.49 -1.24 0.00
STEEL___WIND 323596	20.30 -1.09 0.00	18.32 -1.05 0.00	17.01 -1.03 0.00	17.63 -1.01 0.00	18.57 -1.40 0.00	18.98 -1.88 0.00	20.03 -2.03 0.00	20.43 -2.12 0.00	20.10 -1.65 0.00	20.41 -1.85 0.00	20.32 -1.94 0.00	20.22 -1.62 0.00	19.56 -1.82 0.00	19.24 -2.02 0.00	19.38 -1.92 0.00	20.71 -2.48 0.00	25.74 -3.45 0.02	27.46 -3.29 0.01	30.13 -3.84 0.02	29.39 -3.97 0.02	22.54 -3.59 0.88	20.62 -2.27 0.01	20.06 -1.67 0.00
STEPHTWN_115KV_BK_2 55603	22.45 1.07 0.00	20.32 0.95 0.00	18.85 0.81 0.00	19.46 0.82 0.00	20.65 0.68 0.00	21.59 0.73 0.00	22.86 0.79 0.00	23.41 0.86 0.00	22.56 0.80 0.00	23.13 0.87 0.00	23.12 0.87 0.00	22.66 0.83 0.00	22.21 0.83 0.00	22.08 0.83 0.00	22.15 0.85 0.00	24.21 1.02 0.00	30.58 1.37 0.00	32.42 1.66 0.00	36.00 2.01 0.00	35.21 1.84 0.00	28.31 1.30 0.00	23.99 1.10 0.00	22.93 1.20 0.00
STEUBEN_REC_LFGE 323667	22.09 0.71 0.00	19.93 0.56 0.00	18.45 0.41 0.00	18.88 0.24 0.00	19.99 0.02 0.00	20.63 -0.23 0.00	21.78 -0.29 0.00	22.03 -0.52 0.00	21.30 -0.46 0.00	21.77 -0.49 0.00	21.79 -0.47 0.00	21.35 -0.48 0.00	20.84 -0.53 0.00	20.70 -0.55 0.00	20.73 -0.58 0.00	22.45 -0.74 0.00	28.27 -0.96 -0.03	30.28 -0.49 -0.01	33.47 -0.54 -0.03	32.60 -0.80 -0.03	26.98 -1.08 -1.05	22.34 -0.57 -0.01	21.43 -0.30 0.00
STILLWATER___SOLAR 323814	22.37 0.98 0.00	20.24 0.87 0.00	18.78 0.74 0.00	19.37 0.73 0.00	20.59 0.62 0.00	21.48 0.63 0.00	22.86 0.79 0.00	23.36 0.81 0.00	22.54 0.78 0.00	23.08 0.82 0.00	23.08 0.82 0.00	22.60 0.76 0.00	22.12 0.75 0.00	22.04 0.79 0.00	22.09 0.79 0.00	24.14 0.95 0.00	30.49 1.28 0.00	32.32 1.57 0.00	35.93 1.94 0.00	35.14 1.77 0.00	28.23 1.22 0.00	23.88 0.98 0.00	22.77 1.04 0.00
STONY___BROOK 24151	22.93 1.54 0.00	20.73 1.36 0.00	19.07 1.03 0.00	19.55 0.91 0.00	20.89 0.92 0.00	22.00 1.15 0.00	25.39 1.54 -1.78	24.06 1.51 0.00	22.91 1.15 0.00	23.42 1.16 0.00	23.43 1.18 0.00	22.88 1.05 0.00	22.44 1.07 0.00	22.45 1.19 0.00	22.54 1.24 0.00	24.70 1.51 0.00	31.25 2.04 0.00	33.55 2.80 0.00	37.46 3.19 -0.28	36.21 2.84 0.00	32.29 2.08 -3.20	30.04 1.81 -5.33	23.62 1.89 0.00
STURGEON_POOL_HYD 23609	22.28 0.90 0.00	20.17 0.79 0.00	18.63 0.60 0.00	19.20 0.56 0.00	20.35 0.38 0.00	21.27 0.42 0.00	22.66 0.60 0.00	23.16 0.61 0.00	22.28 0.52 0.00	22.77 0.51 0.00	22.77 0.51 0.00	22.36 0.52 0.00	21.93 0.56 0.00	21.79 0.53 0.00	21.90 0.60 0.00	23.93 0.74 0.00	30.32 1.11 0.00	32.29 1.54 0.00	35.83 1.84 0.00	35.11 1.74 0.00	28.09 1.08 0.00	23.88 0.98 0.00	22.88 1.15 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	22.33 0.94 0.00	20.20 0.83 0.00	18.67 0.63 0.00	19.26 0.62 0.00	20.43 0.46 0.00	21.36 0.50 0.00	22.75 0.68 0.00	23.27 0.72 0.00	22.39 0.63 0.00	22.91 0.65 0.00	22.90 0.65 0.00	22.49 0.65 0.00	22.06 0.68 0.00	21.91 0.66 0.00	22.03 0.72 0.00	24.05 0.86 0.00	30.40 1.20 0.00	32.38 1.63 0.00	35.89 1.90 0.00	35.17 1.80 0.00	28.17 1.16 0.00	23.95 1.05 0.00	22.93 1.20 0.00
SWANROAD_115KV_TB1 355699	19.59 -1.80 0.00	17.69 -1.69 0.00	16.49 -1.55 0.00	16.79 -1.85 0.00	17.79 -2.18 0.00	18.31 -2.54 0.00	19.42 -2.65 0.00	19.60 -2.95 0.00	19.04 -2.72 0.00	19.54 -2.72 0.00	19.67 -2.58 0.00	19.41 -2.42 0.00	18.77 -2.61 0.00	18.77 -2.49 0.00	18.60 -2.71 0.00	19.85 -3.34 0.00	24.63 -4.56 0.02	26.29 -4.46 0.01	29.01 -4.96 0.02	28.28 -5.07 0.02	21.62 -4.43 0.96	19.57 -3.32 0.01	19.21 -2.52 0.00
SYNERGY___BIOGAS 323694	20.38 -1.00 0.00	18.40 -0.97 0.00	17.10 -0.94 0.00	17.76 -0.88 0.00	18.75 -1.22 0.00	19.19 -1.67 0.00	20.19 -1.88 0.00	20.61 -1.94 0.00	20.21 -1.54 0.00	20.52 -1.74 0.00	20.45 -1.80 0.00	20.33 -1.51 0.00	19.69 -1.69 0.00	19.39 -1.87 0.00	19.53 -1.77 0.00	20.92 -2.27 0.00	26.21 -2.98 0.02	27.98 -2.77 0.01	30.84 -3.13 0.02	30.25 -3.10 0.02	23.18 -2.86 0.97	20.85 -2.04 0.01	20.23 -1.50 0.00
SYRACUSE___ENERGY_ST1 323597	21.49 0.11 0.00	19.47 0.10 0.00	18.13 0.09 0.00	18.70 0.06 0.00	19.93 -0.04 0.00	20.71 -0.15 0.00	21.86 -0.20 0.00	22.33 -0.23 0.00	21.58 -0.17 0.00	22.10 -0.16 0.00	22.12 -0.13 0.00	21.70 -0.13 0.00	21.25 -0.13 0.00	21.13 -0.13 0.00	21.15 -0.15 0.00	22.98 -0.21 0.00	28.89 -0.32 -0.01	30.57 -0.18 0.00	33.83 -0.17 -0.01	33.14 -0.23 -0.01	26.91 -0.32 -0.22	22.69 -0.21 0.00	21.67 -0.07 0.00

SYRACUSE___ENERGY_ST2 323598	21.49 0.11 0.00	19.47 0.10 0.00	18.13 0.09 0.00	18.70 0.06 0.00	19.93 -0.04 0.00	20.71 -0.15 0.00	21.86 -0.20 0.00	22.33 -0.23 0.00	21.58 -0.17 0.00	22.10 -0.16 0.00	22.12 -0.13 0.00	21.70 -0.13 0.00	21.25 -0.13 0.00	21.13 -0.13 0.00	21.15 -0.15 0.00	22.98 -0.21 0.00	28.89 -0.32 -0.01	30.57 -0.18 0.00	33.83 -0.17 -0.01	33.14 -0.23 -0.01	26.91 -0.32 -0.22	22.69 -0.21 0.00	21.67 -0.07 0.00
SYRACUSE___POWER 24017	21.43 0.04 0.00	19.41 0.04 0.00	18.06 0.02 0.00	18.62 -0.02 0.00	19.85 -0.12 0.00	20.63 -0.23 0.00	21.78 -0.29 0.00	22.24 -0.32 0.00	21.49 -0.26 0.00	22.02 -0.24 0.00	22.01 -0.24 0.00	21.64 -0.20 0.00	21.16 -0.21 0.00	21.06 -0.19 0.00	21.09 -0.21 0.00	22.89 -0.30 0.00	28.80 -0.41 0.00	30.45 -0.31 0.00	33.68 -0.31 0.00	33.01 -0.37 0.00	26.61 -0.41 0.00	22.62 -0.27 0.00	21.62 -0.11 0.00
TALLMAN__138KV_BK151 55660	22.43 1.05 0.00	20.30 0.93 0.00	18.76 0.72 0.00	19.33 0.69 0.00	20.49 0.52 0.00	21.44 0.58 0.00	22.86 0.79 0.00	23.39 0.83 0.00	22.52 0.76 0.00	23.04 0.78 0.00	23.03 0.78 0.00	22.62 0.79 0.00	22.19 0.81 0.00	22.04 0.79 0.00	22.15 0.85 0.00	24.19 1.00 0.00	30.61 1.40 0.00	32.60 1.85 0.00	36.13 2.14 0.00	35.41 2.04 0.00	28.33 1.32 0.00	24.11 1.21 0.00	23.10 1.37 0.00
TEALLAVE_115KV_TB7 355573	21.36 -0.02 0.00	19.35 -0.02 0.00	18.00 -0.04 0.00	18.57 -0.07 0.00	19.79 -0.18 0.00	20.54 -0.31 0.00	21.69 -0.38 0.00	22.12 -0.43 0.00	21.41 -0.35 0.00	21.93 -0.33 0.00	21.94 -0.31 0.00	21.55 -0.28 0.00	21.08 -0.30 0.00	20.98 -0.28 0.00	21.00 -0.30 0.00	22.79 -0.39 0.00	28.65 -0.55 0.00	30.29 -0.46 0.00	33.51 -0.48 0.00	32.80 -0.57 0.00	26.47 -0.54 0.00	22.51 -0.39 0.00	21.51 -0.22 0.00
TELGRAPH_34_KV_EAST 80808	20.06 -1.33 0.00	18.11 -1.26 0.00	16.87 -1.17 0.00	17.20 -1.44 0.00	18.23 -1.74 0.00	18.85 -2.00 0.00	19.99 -2.07 0.00	20.23 -2.32 0.00	19.62 -2.13 0.00	20.15 -2.11 0.00	20.27 -1.98 0.00	20.00 -1.83 0.00	19.37 -2.01 0.00	19.34 -1.91 0.00	19.19 -2.11 0.00	20.52 -2.67 0.00	25.54 -3.65 0.02	27.27 -3.48 0.01	30.13 -3.84 0.02	29.38 -3.97 0.02	22.51 -3.54 0.96	20.25 -2.63 0.01	19.80 -1.93 0.00
TEMPLE___115KV_TB 2 55572	21.39 0.00 0.00	19.37 0.00 0.00	18.02 -0.02 0.00	18.58 -0.06 0.00	19.79 -0.18 0.00	20.56 -0.29 0.00	21.71 -0.35 0.00	22.15 -0.41 0.00	21.43 -0.33 0.00	21.95 -0.31 0.00	21.97 -0.29 0.00	21.57 -0.26 0.00	21.10 -0.28 0.00	21.00 -0.26 0.00	21.02 -0.28 0.00	22.82 -0.37 0.00	28.68 -0.53 0.00	30.32 -0.43 0.00	33.51 -0.48 0.00	32.84 -0.53 0.00	26.50 -0.51 0.00	22.53 -0.37 0.00	21.53 -0.20 0.00
TIANA____69_KV_BK 1 55817	22.90 1.52 0.00	20.71 1.34 0.00	19.14 1.10 0.00	19.67 1.03 0.00	21.11 1.14 0.00	22.34 1.48 0.00	25.59 1.74 -1.78	24.18 1.62 0.00	23.00 1.24 0.00	23.33 1.07 0.00	23.28 1.02 0.00	22.73 0.90 0.00	22.29 0.92 0.00	22.23 0.98 0.00	22.41 1.11 0.00	24.56 1.37 0.00	31.25 2.04 0.00	33.58 2.83 0.00	37.49 3.23 -0.28	36.24 2.87 0.00	32.29 2.08 -3.20	30.08 1.85 -5.33	23.66 1.93 0.00
TILDEN___115KV_TB1 80814	21.43 0.04 0.00	19.41 0.04 0.00	18.06 0.02 0.00	18.62 -0.02 0.00	19.85 -0.12 0.00	20.63 -0.23 0.00	21.78 -0.29 0.00	22.24 -0.32 0.00	21.49 -0.26 0.00	22.02 -0.24 0.00	22.01 -0.24 0.00	21.64 -0.20 0.00	21.16 -0.21 0.00	21.06 -0.19 0.00	21.09 -0.21 0.00	22.89 -0.30 0.00	28.80 -0.41 0.00	30.45 -0.31 0.00	33.68 -0.31 0.00	33.01 -0.37 0.00	26.61 -0.41 0.00	22.62 -0.27 0.00	21.62 -0.11 0.00
TRIGEN___CC 323695	22.80 1.41 0.00	20.59 1.22 0.00	19.00 0.96 0.00	19.55 0.91 0.00	20.77 0.80 0.00	21.80 0.94 0.00	25.06 1.21 -1.78	23.82 1.26 0.00	22.87 1.11 0.00	23.35 1.09 0.00	23.34 1.09 0.00	22.86 1.03 0.00	22.44 1.07 0.00	22.32 1.06 0.00	22.45 1.15 0.00	24.56 1.37 0.00	31.10 1.90 0.00	33.21 2.46 0.00	37.09 2.82 -0.27	35.98 2.60 0.00	32.04 1.84 -3.20	29.90 1.67 -5.33	23.53 1.80 0.00
TRINITY__115KV__ 4 BK 55933	22.24 0.86 0.00	20.15 0.77 0.00	18.67 0.63 0.00	19.29 0.65 0.00	20.47 0.50 0.00	21.40 0.54 0.00	22.64 0.57 0.00	23.18 0.63 0.00	22.34 0.59 0.00	22.91 0.65 0.00	22.90 0.65 0.00	22.44 0.61 0.00	21.99 0.62 0.00	21.89 0.64 0.00	21.96 0.66 0.00	24.00 0.81 0.00	30.29 1.08 0.00	32.11 1.35 0.00	35.59 1.60 0.00	34.84 1.47 0.00	28.01 1.00 0.00	23.76 0.87 0.00	22.71 0.98 0.00
UNION___PROCESSING_DRP 323587	20.53 -0.86 0.00	18.56 -0.81 0.00	17.28 -0.76 0.00	17.73 -0.91 0.00	18.83 -1.14 0.00	19.58 -1.27 0.00	20.72 -1.35 0.00	21.09 -1.47 0.00	20.43 -1.33 0.00	20.95 -1.31 0.00	21.05 -1.20 0.00	20.72 -1.11 0.00	20.16 -1.22 0.00	20.09 -1.17 0.00	20.00 -1.30 0.00	21.52 -1.67 0.00	26.96 -2.22 0.02	28.65 -2.09 0.01	31.72 -2.24 0.02	31.08 -2.27 0.02	24.01 -2.03 0.98	21.21 -1.67 0.01	20.51 -1.22 0.00
UPPER HUDSON___HYD 24058	22.41 1.03 0.00	20.22 0.85 0.00	18.76 0.72 0.00	19.39 0.75 0.00	20.61 0.64 0.00	21.52 0.67 0.00	22.92 0.86 0.00	23.43 0.88 0.00	22.65 0.89 0.00	23.17 0.91 0.00	23.17 0.91 0.00	22.66 0.83 0.00	22.19 0.81 0.00	22.11 0.85 0.00	22.13 0.83 0.00	24.19 1.00 0.00	30.58 1.37 0.00	32.48 1.72 0.00	36.13 2.14 0.00	35.31 1.93 0.00	28.31 1.30 0.00	23.93 1.03 0.00	22.79 1.06 0.00
UPPER RAQUET___HYD 24056	20.05 -1.33 0.01	18.16 -1.20 0.01	17.08 -0.96 0.00	17.65 -0.99 0.00	19.23 -0.74 0.00	20.34 -0.52 0.00	21.49 -0.57 0.00	22.01 -0.54 0.00	21.19 -0.57 0.00	21.68 -0.58 0.00	21.68 -0.58 0.00	21.20 -0.63 0.00	20.75 -0.62 0.00	20.64 -0.62 0.00	20.62 -0.68 0.00	22.45 -0.74 0.00	28.07 -1.14 0.00	33.63 -1.54 -4.41	38.28 -1.73 -6.02	31.77 -1.60 0.00	29.92 -1.03 -3.94	23.48 -0.87 -1.45	24.80 -1.15 -4.22
VALLEY44_115KV_TB2 355964	20.89 -0.49 0.00	18.89 -0.48 0.00	17.50 -0.54 0.00	17.89 -0.75 0.00	18.93 -1.04 0.00	19.61 -1.25 0.00	20.98 -1.08 0.00	21.27 -1.29 0.00	20.71 -1.04 0.00	21.19 -1.07 0.00	21.28 -0.98 0.00	20.96 -0.87 0.00	20.33 -1.05 0.00	20.15 -1.11 0.00	20.09 -1.21 0.00	21.54 -1.65 0.00	26.66 -2.54 0.01	28.66 -2.09 0.00	31.43 -2.55 0.01	30.09 -3.27 0.01	23.19 -3.21 0.61	21.40 -1.49 0.00	20.80 -0.93 0.00
VALLEY___115KV_TB 1-4 80826	21.36 -0.02 0.00	19.39 0.02 0.00	18.09 0.05 0.00	18.79 0.15 0.00	20.17 0.20 0.00	21.11 0.25 0.00	22.33 0.26 0.00	22.76 0.20 0.00	21.91 0.15 0.00	22.39 0.13 0.00	22.34 0.09 0.00	21.88 0.04 0.00	21.40 0.02 0.00	21.26 0.00 0.00	21.30 0.00 0.00	23.19 0.00 0.00	29.24 0.03 0.00	30.91 0.15 0.00	34.20 0.20 0.00	33.54 0.17 0.00	27.06 0.05 0.00	22.94 0.05 0.00	21.82 0.09 0.00

VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	22.69 1.30 0.00	20.53 1.16 0.00	19.09 1.05 0.00	19.72 1.08 0.00	21.01 1.04 0.00	21.90 1.04 0.00	23.34 1.28 0.00	23.93 1.38 0.00	23.17 1.41 0.00	23.82 1.56 0.00	23.77 1.51 0.00	23.41 1.57 0.00	22.83 1.45 0.00	22.70 1.45 0.00	22.73 1.43 0.00	24.67 1.48 0.00	31.08 1.87 0.00	32.97 2.21 0.00	36.51 2.52 0.00	35.71 2.34 0.00	28.64 1.65 0.02	24.38 1.49 0.00	23.27 1.54 0.00
VISCHER___FERRY HYD 24020	22.15 0.77 0.00	20.07 0.70 0.00	18.63 0.59 0.00	19.20 0.56 0.00	20.37 0.40 0.00	21.25 0.40 0.00	22.59 0.53 0.00	23.14 0.59 0.00	22.30 0.54 0.00	22.84 0.58 0.00	22.86 0.60 0.00	22.38 0.55 0.00	21.93 0.55 0.00	21.85 0.59 0.00	21.90 0.60 0.00	23.95 0.76 0.00	30.26 1.05 0.00	32.05 1.29 0.00	35.55 1.56 0.00	34.81 1.43 0.00	27.98 0.97 0.00	23.70 0.80 0.00	22.60 0.87 0.00
V_A_10_SYNC_DSASP 323832	19.89 -1.50 0.00	18.00 -1.37 0.00	16.76 -1.28 0.00	17.39 -1.25 0.00	18.35 -1.62 0.00	18.83 -2.02 0.00	19.84 -2.23 0.00	20.23 -2.32 0.00	19.84 -1.91 0.00	20.14 -2.12 0.00	20.10 -2.16 0.00	19.96 -1.88 0.00	19.34 -2.03 0.00	19.07 -2.19 0.00	19.19 -2.11 0.00	20.54 -2.64 0.00	25.68 -3.51 0.02	27.30 -3.44 0.01	30.03 -3.94 0.02	29.62 -3.74 0.02	23.07 -3.24 0.70	20.39 -2.49 0.01	19.82 -1.91 0.00
V_CMM_10_SYNC_DSASP 323787	20.71 -0.66 0.01	18.76 -0.60 0.01	17.61 -0.43 0.00	18.19 -0.45 0.00	19.77 -0.20 0.00	20.77 -0.08 0.00	21.95 -0.11 0.00	22.46 -0.09 0.00	21.65 -0.11 0.00	22.15 -0.11 0.00	22.14 -0.11 0.00	21.66 -0.18 0.00	21.23 -0.15 0.00	21.11 -0.15 0.00	21.11 -0.19 0.00	22.96 -0.23 0.00	28.80 -0.41 0.00	29.99 -0.77 0.00	33.02 -0.95 0.02	32.54 -0.83 0.00	26.61 -0.40 0.00	22.50 -0.39 0.00	21.09 -0.63 0.01
V_CMP_10_SYNC_DSASP 323788	20.05 -1.33 0.01	18.10 -1.26 0.01	17.43 -0.61 0.00	17.71 -0.93 0.00	19.45 -0.52 0.00	20.79 -0.06 0.00	21.80 -0.26 0.00	22.35 -0.20 0.00	21.60 -0.15 0.00	22.19 -0.07 0.00	22.14 -0.11 0.00	21.57 -0.26 0.00	21.10 -0.28 0.00	20.85 -0.40 0.00	20.71 -0.60 0.00	22.31 -0.88 0.00	27.86 -1.34 0.00	0.22 -1.94 28.60	-7.08 -1.94 39.14	31.47 -1.90 0.00	0.20 -1.30 25.52	12.32 -1.17 9.41	-7.10 -1.41 27.42
V_D_10_SYNC_DSASP 323841	20.71 -0.66 0.01	18.76 -0.60 0.01	17.61 -0.43 0.00	18.21 -0.43 0.00	19.77 -0.20 0.00	20.86 0.00 0.00	22.04 -0.02 0.00	22.55 0.00 0.00	21.73 -0.02 0.00	22.24 -0.02 0.00	22.23 -0.02 0.00	21.75 -0.09 0.00	21.31 -0.06 0.00	21.19 -0.06 0.00	21.20 -0.11 0.00	23.05 -0.14 0.00	28.83 -0.38 0.00	30.78 -0.74 -0.76	34.09 -0.92 -1.02	32.57 -0.80 0.00	27.31 -0.38 -0.68	22.85 -0.30 -0.25	21.89 -0.57 -0.72
V_E_10_SYNC_DSASP 323830	22.99 1.60 0.00	21.17 1.80 0.00	19.50 1.46 0.00	20.28 1.64 0.00	21.69 1.72 0.00	22.53 1.67 0.00	23.81 1.74 0.00	24.18 1.62 0.00	23.28 1.52 0.00	23.86 1.60 0.00	23.72 1.47 0.00	23.34 1.51 0.00	22.70 1.33 0.00	22.55 1.30 0.00	22.67 1.36 0.00	24.63 1.44 0.00	31.17 1.96 0.00	33.31 2.55 0.00	36.92 2.92 0.00	36.11 2.74 0.00	29.00 1.84 -0.15	24.59 1.69 0.00	23.45 1.72 0.00
V_F_30_NSYNC___DSASP 323816	22.41 1.03 0.00	20.26 0.89 0.00	18.80 0.76 0.00	19.40 0.76 0.00	20.63 0.66 0.00	21.52 0.67 0.00	22.88 0.82 0.00	23.41 0.86 0.00	22.58 0.83 0.00	23.11 0.85 0.00	23.12 0.87 0.00	22.62 0.78 0.00	22.17 0.79 0.00	22.08 0.83 0.00	22.11 0.81 0.00	24.16 0.97 0.00	30.52 1.32 0.00	32.35 1.60 0.00	35.96 1.97 0.00	35.17 1.80 0.00	28.25 1.24 0.00	23.90 1.01 0.00	22.79 1.06 0.00
V_F_30_SYNC_DSASP 323786	22.37 0.98 0.00	20.24 0.87 0.00	18.78 0.74 0.00	19.39 0.75 0.00	20.57 0.60 0.00	21.50 0.65 0.00	22.77 0.71 0.00	23.30 0.74 0.00	22.47 0.72 0.00	23.04 0.78 0.00	23.03 0.78 0.00	22.58 0.74 0.00	22.12 0.75 0.00	22.00 0.74 0.00	22.07 0.77 0.00	24.12 0.93 0.00	30.46 1.26 0.00	32.26 1.51 0.00	35.79 1.80 0.00	35.04 1.67 0.00	28.17 1.16 0.00	23.90 1.01 0.00	22.82 1.09 0.00
V_XM_10_SYNC_DSASP 323789	20.05 -1.33 0.01	18.10 -1.26 0.01	17.43 -0.61 0.00	17.71 -0.93 0.00	19.45 -0.52 0.00	20.79 -0.06 0.00	21.80 -0.26 0.00	22.35 -0.20 0.00	21.60 -0.15 0.00	22.19 -0.07 0.00	22.14 -0.11 0.00	21.57 -0.26 0.00	21.10 -0.28 0.00	20.85 -0.40 0.00	20.71 -0.60 0.00	22.31 -0.88 0.00	27.86 -1.34 0.00	0.22 -1.94 28.60	-7.08 -1.94 39.14	31.47 -1.90 0.00	0.20 -1.30 25.52	12.32 -1.17 9.41	-7.10 -1.41 27.42
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	22.52 1.13 0.00	20.36 0.99 0.00	18.81 0.78 0.00	19.39 0.75 0.00	20.55 0.58 0.00	21.50 0.65 0.00	22.92 0.86 0.00	23.45 0.90 0.00	22.58 0.83 0.00	23.08 0.82 0.00	23.10 0.85 0.00	22.68 0.85 0.00	22.25 0.88 0.00	22.08 0.83 0.00	22.22 0.92 0.00	24.26 1.07 0.00	30.70 1.49 0.00	32.69 1.94 0.00	36.23 2.24 0.00	35.54 2.17 0.00	28.42 1.40 0.00	24.18 1.28 0.00	23.16 1.43 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	22.54 1.15 0.00	20.38 1.01 0.00	18.81 0.78 0.00	19.39 0.75 0.00	20.53 0.56 0.00	21.48 0.63 0.00	22.92 0.86 0.00	23.45 0.90 0.00	22.54 0.78 0.00	23.06 0.80 0.00	23.10 0.85 0.00	22.68 0.85 0.00	22.27 0.90 0.00	22.13 0.87 0.00	22.26 0.96 0.00	24.28 1.09 0.00	30.75 1.55 0.00	32.78 2.03 0.00	36.34 2.35 0.00	35.57 2.20 0.00	28.44 1.43 0.00	24.25 1.35 0.00	23.27 1.54 0.00
W50THST__13_KV_LOAD 356117	22.63 1.24 0.00	20.48 1.10 0.00	18.90 0.87 0.00	19.46 0.82 0.00	20.61 0.64 0.00	21.57 0.71 0.00	23.03 0.97 0.00	23.55 0.99 0.00	22.65 0.89 0.00	23.17 0.91 0.00	23.19 0.93 0.00	22.79 0.96 0.00	22.38 1.00 0.00	22.23 0.98 0.00	22.35 1.04 0.00	24.39 1.21 0.00	30.90 1.69 0.00	32.94 2.18 0.00	36.51 2.52 0.00	35.74 2.37 0.00	28.55 1.54 0.00	24.36 1.47 0.00	23.38 1.65 0.00
WADING RIVER_IC_1 23522	22.65 1.26 0.00	20.49 1.12 0.00	18.83 0.79 0.00	19.33 0.69 0.00	20.81 0.84 0.00	22.09 1.23 0.00	25.41 1.57 -1.78	23.93 1.38 0.00	22.54 0.78 0.00	23.04 0.78 0.00	23.03 0.78 0.00	22.47 0.63 0.00	22.04 0.66 0.00	22.04 0.79 0.00	22.13 0.83 0.00	24.28 1.09 0.00	30.75 1.55 0.00	33.15 2.40 0.00	36.99 2.72 -0.28	35.71 2.34 0.00	31.88 1.68 -3.20	29.72 1.49 -5.33	23.30 1.57 0.00
WADING RIVER_IC_2 23547	22.65 1.26 0.00	20.49 1.12 0.00	18.83 0.79 0.00	19.33 0.69 0.00	20.81 0.84 0.00	22.09 1.23 0.00	25.41 1.57 -1.78	23.93 1.38 0.00	22.54 0.78 0.00	23.04 0.78 0.00	23.03 0.78 0.00	22.47 0.63 0.00	22.04 0.66 0.00	22.04 0.79 0.00	22.13 0.83 0.00	24.28 1.09 0.00	30.75 1.55 0.00	33.15 2.40 0.00	36.99 2.72 -0.28	35.71 2.34 0.00	31.88 1.68 -3.20	29.72 1.49 -5.33	23.30 1.57 0.00

WADING RIVER_IC_3 23601	22.65 1.26 0.00	20.49 1.12 0.00	18.83 0.79 0.00	19.33 0.69 0.00	20.81 0.84 0.00	22.09 1.23 0.00	25.41 1.57 -1.78	23.93 1.38 0.00	22.54 0.78 0.00	23.04 0.78 0.00	23.03 0.78 0.00	22.47 0.63 0.00	22.04 0.66 0.00	22.04 0.79 0.00	22.13 0.83 0.00	24.28 1.09 0.00	30.75 1.55 0.00	33.15 2.40 0.00	36.99 2.72 -0.28	35.71 2.34 0.00	31.88 1.68 -3.20	29.72 1.49 -5.33	23.30 1.57 0.00
WALDENNY_I2_KV_BK2 80841	20.25 -1.13 0.00	18.27 -1.10 0.00	16.97 -1.06 0.00	17.32 -1.32 0.00	18.33 -1.64 0.00	18.96 -1.90 0.00	20.17 -1.90 0.00	20.37 -2.19 0.00	19.80 -1.96 0.00	20.35 -1.91 0.00	20.45 -1.80 0.00	20.17 -1.66 0.00	19.54 -1.84 0.00	19.49 -1.76 0.00	19.34 -1.96 0.00	20.66 -2.53 0.00	25.63 -3.56 0.02	27.39 -3.35 0.01	30.20 -3.77 0.02	29.29 -4.07 0.02	22.42 -3.70 0.89	20.41 -2.47 0.01	19.97 -1.76 0.00
WALDEN___HYDRO 24148	22.50 1.11 0.00	20.36 0.99 0.00	18.81 0.78 0.00	19.39 0.75 0.00	20.57 0.60 0.00	21.48 0.63 0.00	22.88 0.82 0.00	23.36 0.81 0.00	22.47 0.72 0.00	22.95 0.69 0.00	22.94 0.69 0.00	22.53 0.70 0.00	22.08 0.71 0.00	21.94 0.68 0.00	22.07 0.77 0.00	24.12 0.93 0.00	30.55 1.34 0.00	32.63 1.88 0.00	36.20 2.21 0.00	35.51 2.14 0.00	28.39 1.38 0.00	24.11 1.21 0.00	23.08 1.35 0.00
WARRENSBURG____ 23737	22.41 1.03 0.00	20.22 0.85 0.00	18.76 0.72 0.00	19.39 0.75 0.00	20.61 0.64 0.00	21.52 0.67 0.00	22.92 0.86 0.00	23.43 0.88 0.00	22.65 0.89 0.00	23.17 0.91 0.00	23.17 0.91 0.00	22.66 0.83 0.00	22.19 0.81 0.00	22.11 0.85 0.00	22.13 0.83 0.00	24.19 1.00 0.00	30.58 1.37 0.00	32.48 1.72 0.00	36.13 2.14 0.00	35.31 1.93 0.00	28.31 1.30 0.00	23.93 1.03 0.00	22.79 1.06 0.00
WATERSIDE___6 8 9 23538	22.60 1.22 0.00	20.45 1.08 0.00	18.89 0.85 0.00	19.44 0.80 0.00	20.55 0.58 0.00	21.46 0.60 0.00	22.90 0.84 0.00	23.39 0.83 0.00	22.50 0.74 0.00	23.02 0.76 0.00	23.03 0.78 0.00	22.64 0.81 0.00	22.23 0.85 0.00	22.08 0.83 0.00	22.22 0.92 0.00	24.23 1.04 0.00	30.70 1.49 0.00	32.75 2.00 0.00	36.30 2.31 0.00	35.51 2.14 0.00	28.39 1.38 0.00	24.20 1.30 0.00	23.29 1.56 0.00
WATKINRD_115KV_LN8_ILLION 55919	21.56 0.17 0.00	19.53 0.15 0.00	18.20 0.16 0.00	18.83 0.19 0.00	20.17 0.20 0.00	21.07 0.21 0.00	22.28 0.22 0.00	22.76 0.20 0.00	21.93 0.17 0.00	22.44 0.18 0.00	22.41 0.16 0.00	21.96 0.13 0.00	21.50 0.13 0.00	21.36 0.11 0.00	21.43 0.13 0.00	23.33 0.14 0.00	29.44 0.23 0.00	31.12 0.37 0.00	34.43 0.44 0.00	33.77 0.40 0.00	27.25 0.24 0.00	23.10 0.21 0.00	21.97 0.24 0.00
WATSON___69_KV_BK 1 55734	23.10 1.71 0.00	20.86 1.49 0.00	19.25 1.21 0.00	19.80 1.16 0.00	21.11 1.14 0.00	22.23 1.38 0.00	25.50 1.65 -1.78	24.20 1.65 0.00	23.13 1.37 0.00	23.57 1.31 0.00	23.52 1.27 0.00	22.99 1.16 0.00	22.55 1.18 0.00	22.47 1.21 0.00	22.64 1.34 0.00	24.79 1.60 0.00	31.48 2.28 0.00	33.74 2.98 0.00	37.73 3.47 -0.28	36.51 3.14 0.00	32.48 2.27 -3.20	30.27 2.04 -5.33	23.88 2.15 0.00
WDELAWARE___HYD 323627	22.67 1.28 0.00	20.49 1.12 0.00	18.94 0.90 0.00	19.50 0.86 0.00	20.69 0.72 0.00	21.59 0.73 0.00	23.06 0.99 0.00	23.52 0.97 0.00	22.58 0.83 0.00	23.11 0.85 0.00	23.12 0.87 0.00	22.66 0.83 0.00	22.21 0.83 0.00	22.11 0.85 0.00	22.15 0.85 0.00	24.23 1.04 0.00	30.67 1.46 0.00	32.78 2.03 0.00	36.37 2.38 0.00	35.67 2.30 0.00	28.52 1.51 0.00	24.20 1.30 0.00	23.12 1.39 0.00
WEST BABYLON___IC 23714	23.08 1.69 0.00	20.84 1.47 0.00	19.23 1.19 0.00	19.78 1.14 0.00	21.07 1.10 0.00	22.15 1.29 0.00	25.43 1.59 -1.78	24.13 1.58 0.00	23.13 1.37 0.00	23.57 1.31 0.00	23.52 1.27 0.00	23.01 1.18 0.00	22.57 1.20 0.00	22.49 1.23 0.00	22.64 1.34 0.00	24.79 1.60 0.00	31.48 2.28 0.00	33.68 2.92 0.00	37.66 3.40 -0.28	36.48 3.10 0.00	32.48 2.27 -3.20	30.24 2.01 -5.33	23.86 2.13 0.00
WEST CANADA___HYD 24049	21.56 0.17 0.00	19.53 0.15 0.00	18.17 0.13 0.00	18.75 0.11 0.00	20.05 0.08 0.00	20.92 0.06 0.00	22.15 0.09 0.00	22.64 0.09 0.00	21.82 0.07 0.00	22.35 0.09 0.00	22.32 0.07 0.00	21.92 0.09 0.00	21.46 0.09 0.00	21.34 0.09 0.00	21.39 0.09 0.00	23.31 0.12 0.00	29.38 0.18 0.00	31.03 0.28 0.00	34.33 0.34 0.00	33.67 0.30 0.00	27.17 0.16 0.00	23.06 0.16 0.00	21.93 0.20 0.00
WESTERN_NY_WIND 24143	20.34 -1.05 0.00	18.36 -1.01 0.00	17.08 -0.96 0.00	17.45 -1.19 0.00	18.51 -1.46 0.00	19.17 -1.69 0.00	20.30 -1.77 0.00	20.57 -1.98 0.00	19.93 -1.83 0.00	20.43 -1.83 0.00	20.56 -1.69 0.00	20.28 -1.55 0.00	19.64 -1.73 0.00	19.62 -1.64 0.00	19.47 -1.83 0.00	20.87 -2.32 0.00	26.03 -3.15 0.02	27.85 -2.89 0.01	30.84 -3.13 0.02	30.08 -3.27 0.02	23.05 -3.00 0.97	20.64 -2.24 0.01	20.14 -1.59 0.00
WESTOVER___LESR 323668	21.71 0.32 0.00	19.66 0.29 0.00	18.27 0.23 0.00	18.81 0.17 0.00	20.01 0.04 0.00	20.84 -0.02 0.00	22.09 0.02 0.00	22.53 -0.02 0.00	21.78 0.02 0.00	22.28 0.02 0.00	22.28 0.02 0.00	21.90 0.07 0.00	21.40 0.02 0.00	21.26 0.00 0.00	21.30 0.00 0.00	23.12 -0.07 0.00	29.07 -0.15 -0.01	30.91 0.15 0.00	34.17 0.17 -0.01	33.41 0.03 -0.01	27.00 -0.22 -0.21	22.92 0.02 0.00	21.95 0.22 0.00
WETHRSFD_WT_PWR 323626	19.97 -1.41 0.00	17.98 -1.39 0.00	16.69 -1.35 0.00	17.28 -1.36 0.00	18.21 -1.76 0.00	18.58 -2.27 0.00	19.64 -2.43 0.00	20.00 -2.55 0.00	19.69 -2.07 0.00	19.97 -2.29 0.00	19.87 -2.38 0.00	19.76 -2.07 0.00	19.13 -2.24 0.00	18.83 -2.42 0.00	18.96 -2.34 0.00	20.24 -2.95 0.00	25.19 -4.00 0.02	26.84 -3.91 0.01	29.49 -4.49 0.02	28.82 -4.54 0.02	22.06 -4.02 0.92	20.14 -2.75 0.01	19.60 -2.13 0.00
WHAVSTOR_138KV_BK127 55557	22.43 1.05 0.00	20.30 0.93 0.00	18.74 0.70 0.00	19.31 0.67 0.00	20.47 0.50 0.00	21.42 0.56 0.00	22.86 0.79 0.00	23.36 0.81 0.00	22.50 0.74 0.00	23.02 0.76 0.00	23.01 0.76 0.00	22.60 0.76 0.00	22.17 0.79 0.00	22.02 0.77 0.00	22.13 0.83 0.00	24.16 0.97 0.00	30.58 1.37 0.00	32.57 1.81 0.00	36.10 2.11 0.00	35.37 2.00 0.00	28.33 1.32 0.00	24.08 1.19 0.00	23.08 1.35 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	22.43 1.05 0.00	20.30 0.93 0.00	18.74 0.70 0.00	19.31 0.67 0.00	20.47 0.50 0.00	21.42 0.56 0.00	22.86 0.79 0.00	23.36 0.81 0.00	22.50 0.74 0.00	23.02 0.76 0.00	23.01 0.76 0.00	22.60 0.76 0.00	22.17 0.79 0.00	22.02 0.77 0.00	22.13 0.83 0.00	24.16 0.97 0.00	30.58 1.37 0.00	32.57 1.81 0.00	36.10 2.11 0.00	35.37 2.00 0.00	28.33 1.32 0.00	24.08 1.19 0.00	23.08 1.35 0.00

WHITEHAL_115KV_TB1 80871	22.69 1.30 0.00	20.44 1.07 0.00	18.94 0.90 0.00	19.61 0.97 0.00	20.83 0.86 0.00	21.82 0.96 0.00	23.17 1.10 0.00	23.70 1.15 0.00	22.91 1.15 0.00	23.40 1.14 0.00	23.39 1.13 0.00	22.86 1.03 0.00	22.42 1.05 0.00	22.30 1.04 0.00	22.35 1.04 0.00	24.44 1.25 0.00	30.93 1.72 0.00	32.91 2.15 0.00	36.68 2.69 0.00	35.84 2.47 0.00	28.69 1.67 0.00	24.20 1.30 0.00	23.08 1.35 0.00
WHITEPLN_13_KV_LOAD 356215	22.73 1.35 0.00	20.53 1.16 0.00	18.98 0.94 0.00	19.55 0.91 0.00	20.71 0.74 0.00	21.67 0.81 0.00	23.14 1.08 0.00	23.66 1.11 0.00	22.78 1.02 0.00	23.31 1.05 0.00	23.30 1.05 0.00	22.90 1.07 0.00	22.46 1.09 0.00	22.32 1.06 0.00	22.43 1.13 0.00	24.49 1.30 0.00	31.05 1.84 0.00	33.09 2.34 0.00	36.71 2.72 0.00	35.91 2.54 0.00	28.71 1.70 0.00	24.43 1.53 0.00	23.43 1.69 0.00
WM_FLOYD_69_KV_BK2 356380	22.82 1.43 0.00	20.63 1.26 0.00	19.07 1.03 0.00	19.59 0.95 0.00	20.99 1.02 0.00	22.17 1.31 0.00	25.41 1.57 -1.78	24.00 1.44 0.00	22.84 1.09 0.00	23.22 0.96 0.00	23.17 0.91 0.00	22.64 0.81 0.00	22.21 0.83 0.00	22.13 0.87 0.00	22.30 1.00 0.00	24.46 1.28 0.00	31.08 1.87 0.00	33.37 2.61 0.00	37.26 2.99 -0.28	36.04 2.67 0.00	32.10 1.89 -3.20	29.97 1.74 -5.33	23.56 1.83 0.00
WOODARD__115KV_TB2 355635	21.34 -0.04 0.00	19.33 -0.04 0.00	17.98 -0.05 0.00	18.55 -0.09 0.00	19.77 -0.20 0.00	20.54 -0.31 0.00	21.67 -0.40 0.00	22.12 -0.43 0.00	21.41 -0.35 0.00	21.90 -0.36 0.00	21.92 -0.33 0.00	21.53 -0.31 0.00	21.05 -0.32 0.00	20.96 -0.30 0.00	20.98 -0.32 0.00	22.77 -0.42 0.00	28.65 -0.55 0.00	30.29 -0.46 0.00	33.48 -0.51 0.00	32.80 -0.57 0.00	26.47 -0.54 0.00	22.48 -0.41 0.00	21.49 -0.24 0.00
YORK__WARBASSE 23770	22.78 1.39 -0.01	20.62 1.24 -0.01	19.00 0.96 0.00	19.55 0.91 0.00	20.63 0.66 0.00	21.52 0.67 0.00	22.97 0.90 0.00	23.50 0.95 0.00	22.58 0.83 0.00	23.11 0.85 0.00	23.14 0.89 0.00	22.75 0.92 0.00	22.34 0.96 0.00	22.21 0.96 0.00	22.32 1.02 0.00	24.35 1.16 0.00	30.93 1.72 0.00	32.98 2.21 -0.01	36.55 2.55 -0.01	35.78 2.40 -0.01	28.52 1.51 0.00	24.34 1.44 0.00	23.48 1.74 -0.01