

# Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

04/20/2024

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	22.95	21.02	19.80	19.41	19.85	21.17	25.03	27.48	28.04	26.86	24.26	22.33	21.27	20.01	19.21	19.17	20.82	24.41	29.15	33.28	33.90	30.49	25.72	22.88
24138	1.82	1.56	1.40	1.35	1.32	1.46	1.77	1.96	2.15	2.10	2.04	1.94	1.85	1.76	1.67	1.73	1.84	2.06	2.43	2.75	2.71	2.23	1.84	1.66
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.50	-0.44	-0.02	-0.02	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	22.99	21.06	19.84	19.45	19.89	21.21	25.10	27.55	28.23	26.91	24.31	22.37	21.28	20.02	19.26	19.21	20.86	24.46	29.23	33.37	33.97	30.55	25.82	22.95
24260	1.86	1.60	1.44	1.39	1.35	1.50	1.84	2.04	2.33	2.15	2.09	1.98	1.85	1.76	1.72	1.76	1.88	2.10	2.51	2.84	2.78	2.29	1.93	1.72
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.52	-0.45	-0.02	-0.02	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	22.99	21.06	19.84	19.45	19.89	21.21	25.10	27.55	28.23	26.91	24.31	22.37	21.28	20.02	19.26	19.21	20.86	24.46	29.23	33.37	33.97	30.55	25.82	22.95
24261	1.86	1.60	1.44	1.39	1.35	1.50	1.84	2.04	2.33	2.15	2.09	1.98	1.85	1.76	1.72	1.76	1.88	2.10	2.51	2.84	2.78	2.29	1.93	1.72
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.52	-0.45	-0.02	-0.02	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	21.97	20.20	19.01	18.65	19.21	20.46	24.17	26.46	27.06	25.82	23.09	21.13	19.53	18.29	18.02	17.93	19.57	23.21	27.84	31.93	32.56	29.50	24.84	22.05
24011	0.85	0.74	0.61	0.60	0.67	0.75	0.91	0.94	1.17	1.06	0.87	0.73	0.62	0.48	0.49	0.51	0.61	0.85	1.12	1.40	1.37	1.24	0.96	0.83
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	22.04	20.24	19.03	18.69	19.24	20.50	24.21	26.51	27.11	25.90	23.13	21.17	19.57	18.30	17.99	17.93	19.59	23.25	27.89	32.06	32.69	29.59	24.91	22.10
23798	0.91	0.78	0.63	0.63	0.70	0.79	0.95	0.99	1.22	1.14	0.91	0.77	0.66	0.50	0.46	0.51	0.62	0.90	1.17	1.53	1.50	1.33	1.03	0.87
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	21.97	20.20	19.01	18.65	19.21	20.46	24.17	26.46	27.06	25.82	23.09	21.13	19.53	18.29	18.02	17.93	19.57	23.21	27.84	31.93	32.56	29.50	24.84	22.05
24028	0.85	0.74	0.61	0.60	0.67	0.75	0.91	0.94	1.17	1.06	0.87	0.73	0.62	0.48	0.49	0.51	0.61	0.85	1.12	1.40	1.37	1.24	0.96	0.83
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	22.02	20.38	19.14	18.83	19.41	20.67	24.33	26.61	27.09	25.97	23.35	21.41	19.83	18.69	18.35	18.33	19.91	23.59	28.10	32.06	32.53	29.64	24.86	22.05
23527	0.89	0.91	0.74	0.78	0.87	0.97	1.07	1.10	1.19	1.21	1.13	1.02	0.93	0.89	0.82	0.91	0.95	1.23	1.39	1.53	1.34	1.38	0.98	0.83
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	21.43	19.81	18.68	18.36	18.83	20.04	23.68	25.95	26.46	25.28	22.73	20.84	19.30	18.16	17.90	17.79	19.36	22.89	27.22	31.14	31.69	28.68	24.36	21.65
24190	0.30	0.35	0.28	0.31	0.30	0.34	0.42	0.43	0.57	0.52	0.51	0.45	0.40	0.36	0.37	0.37	0.40	0.54	0.51	0.61	0.50	0.42	0.48	0.42
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	20.45	18.90	17.89	17.53	18.04	19.14	22.66	24.88	25.22	24.06	21.49	8.22	4.91	5.09	3.07	4.07	7.68	9.09	13.38	29.58	30.25	27.44	23.14	20.59
355683	-0.68	-0.56	-0.52	-0.52	-0.50	-0.57	-0.60	-0.64	-0.67	-0.69	-0.73	-0.65	-0.62	-0.57	-0.56	-0.56	-0.59	-0.67	-0.80	-0.95	-0.94	-0.82	-0.74	-0.64
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.53	13.38	12.15	13.90	12.80	10.70	12.60	12.53	0.01	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	21.83	20.13	18.99	18.65	19.15	20.38	24.03	26.30	26.72	25.48	22.78	20.84	19.27	18.13	17.86	17.83	19.46	23.07	27.57	31.60	32.22	29.22	24.74	21.99
323833	0.70	0.66	0.59	0.59	0.61	0.67	0.77	0.79	0.83	0.72	0.56	0.45	0.36	0.32	0.33	0.40	0.49	0.72	0.85	1.07	1.03	0.96	0.86	0.76
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	21.83	20.13	18.99	18.65	19.15	20.36	24.03	26.28	26.72	25.48	22.78	20.84	19.27	18.13	17.86	17.83	19.46	23.07	27.57	31.60	32.22	29.19	24.74	21.97
323834	0.70	0.66	0.59	0.59	0.61	0.65	0.77	0.76	0.83	0.72	0.56	0.45	0.36	0.32	0.33	0.40	0.49	0.72	0.85	1.07	1.03	0.93	0.86	0.74
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	21.43	19.81	18.68	18.36	18.83	20.04	23.68	25.95	26.46	25.28	22.73	20.84	19.30	18.16	17.90	17.79	19.36	22.89	27.22	31.14	31.69	28.68	24.36	21.65
23571	0.30	0.35	0.28	0.31	0.30	0.34	0.42	0.43	0.57	0.52	0.51	0.45	0.40	0.36	0.37	0.37	0.40	0.54	0.51	0.61	0.50	0.42	0.48	0.42
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00



ALBANY___2 23572	21.43 0.30 0.00	19.81 0.35 0.00	18.68 0.28 0.00	18.36 0.31 0.00	18.83 0.30 0.00	20.04 0.34 0.00	23.68 0.42 0.00	25.95 0.43 0.00	26.46 0.57 0.00	25.28 0.52 0.00	22.73 0.51 0.00	20.84 0.45 0.00	19.30 0.40 0.00	18.16 0.36 0.00	17.90 0.37 0.00	17.79 0.37 0.00	19.36 0.40 0.00	22.89 0.54 0.00	27.22 0.51 0.00	31.14 0.61 0.00	31.69 0.50 0.00	28.68 0.42 0.00	24.36 0.48 0.00	21.65 0.42 0.00
ALBANY___3 23573	21.43 0.30 0.00	19.81 0.35 0.00	18.68 0.28 0.00	18.36 0.31 0.00	18.83 0.30 0.00	20.04 0.34 0.00	23.68 0.42 0.00	25.95 0.43 0.00	26.46 0.57 0.00	25.28 0.52 0.00	22.73 0.51 0.00	20.84 0.45 0.00	19.30 0.40 0.00	18.16 0.36 0.00	17.90 0.37 0.00	17.79 0.37 0.00	19.36 0.40 0.00	22.89 0.54 0.00	27.22 0.51 0.00	31.14 0.61 0.00	31.69 0.50 0.00	28.68 0.42 0.00	24.36 0.48 0.00	21.65 0.42 0.00
ALBANY___4 23574	21.43 0.30 0.00	19.81 0.35 0.00	18.68 0.28 0.00	18.36 0.31 0.00	18.83 0.30 0.00	20.04 0.34 0.00	23.68 0.42 0.00	25.95 0.43 0.00	26.46 0.57 0.00	25.28 0.52 0.00	22.73 0.51 0.00	20.84 0.45 0.00	19.30 0.40 0.00	18.16 0.36 0.00	17.90 0.37 0.00	17.79 0.37 0.00	19.36 0.40 0.00	22.89 0.54 0.00	27.22 0.51 0.00	31.14 0.61 0.00	31.69 0.50 0.00	28.68 0.42 0.00	24.36 0.48 0.00	21.65 0.42 0.00
ALBANY___LFGE 323615	21.66 0.53 0.00	19.99 0.53 0.00	18.85 0.44 0.00	18.52 0.47 0.00	19.00 0.46 0.00	20.22 0.51 0.00	23.89 0.63 0.00	26.15 0.64 0.00	26.67 0.78 0.00	25.50 0.74 0.00	22.91 0.69 0.00	21.03 0.63 0.00	19.46 0.55 0.00	18.30 0.50 0.00	18.00 0.47 0.00	17.93 0.51 0.00	19.54 0.57 0.00	23.07 0.72 0.00	27.49 0.78 0.00	31.45 0.92 0.00	32.03 0.84 0.00	28.99 0.73 0.00	24.58 0.69 0.00	21.82 0.59 0.00
ALCOA_PA_115KV_PL-6C 55860	20.41 -0.72 0.00	18.88 -0.58 0.00	17.87 -0.53 0.00	17.51 -0.54 0.00	18.02 -0.52 0.00	19.12 -0.59 0.00	22.66 -0.60 0.00	24.85 -0.66 0.00	25.20 -0.70 0.00	24.04 -0.72 0.00	21.44 -0.78 0.00	8.55 -0.69 11.15	5.30 -0.66 12.94	5.45 -0.61 11.75	3.49 -0.60 13.45	4.45 -0.59 12.39	7.97 -0.64 10.35	9.46 -0.72 12.19	13.73 -0.85 12.13	29.51 -1.01 0.01	30.25 -0.94 0.00	27.44 -0.82 0.00	23.12 -0.76 0.00	20.59 -0.64 0.00
ALCOA_RYNLDS___DRP 24188	20.41 -0.72 0.00	18.88 -0.58 0.00	17.87 -0.53 0.00	17.51 -0.54 0.00	18.02 -0.52 0.00	19.12 -0.59 0.00	22.66 -0.60 0.00	24.85 -0.66 0.00	25.20 -0.70 0.00	24.04 -0.72 0.00	21.44 -0.78 0.00	8.55 -0.69 11.15	5.30 -0.66 12.94	5.45 -0.61 11.75	3.49 -0.60 13.45	4.45 -0.59 12.39	7.97 -0.64 10.35	9.46 -0.72 12.19	13.73 -0.85 12.13	29.51 -1.01 0.01	30.25 -0.94 0.00	27.44 -0.82 0.00	23.12 -0.76 0.00	20.59 -0.64 0.00
ALCOA___DSASP 323711	20.41 -0.72 0.00	18.88 -0.58 0.00	17.87 -0.53 0.00	17.51 -0.54 0.00	18.02 -0.52 0.00	19.12 -0.59 0.00	22.66 -0.60 0.00	24.85 -0.66 0.00	25.17 -0.72 0.00	24.04 -0.72 0.00	21.44 -0.78 0.00	8.55 -0.69 11.15	5.30 -0.66 12.94	5.45 -0.61 11.75	3.47 -0.61 13.45	4.45 -0.59 12.39	7.97 -0.64 10.35	9.46 -0.72 12.19	13.73 -0.86 12.13	29.52 -1.01 0.01	30.26 -0.93 0.00	27.44 -0.82 0.00	23.12 -0.77 0.00	20.59 -0.64 0.00
ALLEGHENY___COGEN 23514	21.66 0.53 0.00	19.81 0.35 0.00	18.92 0.51 0.00	18.56 0.50 0.00	19.06 0.52 0.00	20.18 0.47 0.00	23.70 0.44 0.00	26.05 0.54 0.00	25.95 0.05 0.00	24.63 -0.12 0.00	22.02 -0.20 0.00	20.17 -0.22 0.00	18.72 -0.19 0.00	17.56 -0.25 0.00	17.32 -0.21 0.00	17.13 -0.30 0.00	18.66 -0.30 0.00	22.02 -0.33 0.00	26.64 -0.08 0.00	30.71 0.18 0.00	31.85 0.66 0.00	28.85 0.59 0.00	24.72 0.84 0.00	21.95 0.72 0.00
ALTAMONT_115KV_TB 2 55880	21.72 0.59 0.00	20.03 0.56 0.00	18.90 0.50 0.00	18.56 0.51 0.00	19.04 0.50 0.00	20.26 0.55 0.00	23.91 0.65 0.00	26.20 0.69 0.00	26.70 0.80 0.00	25.50 0.74 0.00	22.91 0.69 0.00	21.03 0.63 0.00	19.49 0.59 0.00	18.34 0.53 0.00	18.07 0.54 0.00	17.97 0.54 0.00	19.55 0.59 0.00	23.09 0.74 0.00	27.54 0.83 0.00	31.51 0.98 0.00	32.09 0.90 0.00	29.08 0.82 0.00	24.58 0.69 0.00	21.82 0.59 0.00
ALTONA_WT_PWR 323606	19.73 -1.40 0.00	18.51 -0.95 0.00	17.65 -0.76 0.00	17.28 -0.78 0.00	17.70 -0.83 0.00	18.68 -1.03 0.00	22.14 -1.12 0.00	24.49 -1.02 0.00	24.76 -1.14 0.00	23.35 -1.41 0.00	20.40 -1.82 0.00	7.25 -1.77 11.37	4.05 -1.66 13.20	4.31 -1.51 11.98	2.28 -1.54 13.71	3.34 -1.46 12.63	6.97 -1.44 10.55	8.50 -1.43 12.43	12.80 -1.55 12.37	28.78 -1.74 0.01	29.63 -1.56 0.00	26.90 -1.36 0.00	22.40 -1.48 0.00	19.87 -1.36 0.00
AMERICAN_REF_FUEL 24010	20.20 -0.93 0.00	18.53 -0.93 0.00	17.80 -0.61 0.00	17.48 -0.58 0.00	17.89 -0.65 0.00	18.82 -0.89 0.00	21.89 -1.37 0.00	23.83 -1.68 0.00	23.87 -2.02 0.00	22.80 -1.96 0.00	20.71 -1.51 0.00	19.13 -1.26 0.00	17.83 -1.08 0.00	16.75 -1.05 0.00	16.55 -0.98 0.00	16.42 -1.01 0.00	17.83 -1.14 0.00	20.66 -1.70 0.00	24.68 -2.03 0.00	28.12 -2.41 0.00	29.01 -2.18 0.00	26.33 -1.92 0.00	22.83 -1.05 0.00	20.46 -0.76 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	20.88 -0.25 0.00	19.21 -0.25 0.00	18.54 0.13 0.00	18.16 0.11 0.00	18.67 0.13 0.00	19.73 0.02 0.00	22.94 -0.33 0.00	25.16 -0.36 0.00	25.14 -0.75 0.00	23.94 -0.82 0.00	21.57 -0.65 0.00	19.74 -0.65 0.00	18.32 -0.59 0.00	17.18 -0.62 0.00	16.86 -0.67 0.00	16.71 -0.72 0.00	18.21 -0.76 0.00	21.15 -1.21 0.00	25.43 -1.28 0.00	29.16 -1.37 0.00	30.32 -0.87 0.00	27.64 -0.62 0.00	23.98 0.10 0.00	21.40 0.17 0.00
ARTHUR KILL_GT_1 23520	23.01 1.88 0.00	20.98 1.52 0.00	19.75 1.34 0.00	19.34 1.28 0.00	19.76 1.22 0.00	20.99 1.28 0.00	24.80 1.53 0.00	27.17 1.66 0.00	27.78 1.89 0.01	26.58 1.83 0.01	23.99 1.78 0.01	22.12 1.73 0.01	21.04 1.63 -0.51	19.79 1.55 -0.44	19.01 1.47 -0.01	18.99 1.55 -0.01	20.66 1.69 -0.01	24.18 1.83 0.01	28.95 2.24 0.01	33.12 2.59 0.00	33.75 2.56 0.00	30.26 2.01 0.00	25.65 1.77 0.00	22.86 1.63 0.00
ARTHUR_KILL_2 23512	22.95 1.82 0.00	20.94 1.48 0.00	19.69 1.29 0.00	19.30 1.24 0.00	19.73 1.19 0.00	20.93 1.22 0.00	24.75 1.49 0.00	27.12 1.61 0.00	27.70 1.81 0.01	26.51 1.76 0.01	23.95 1.73 0.01	22.06 1.67 0.01	20.98 1.57 -0.51	19.74 1.50 -0.44	18.98 1.44 -0.01	18.95 1.52 -0.01	20.61 1.63 -0.01	24.14 1.79 0.01	28.87 2.16 0.01	33.03 2.50 0.00	33.62 2.43 0.00	30.21 1.95 0.00	25.58 1.70 0.00	22.80 1.57 0.00
ARTHUR_KILL_3 23513	22.80 1.67 0.00	20.90 1.44 0.00	19.69 1.29 0.00	19.30 1.24 0.00	19.74 1.20 0.00	21.03 1.32 0.00	24.89 1.63 0.00	27.32 1.81 0.00	27.89 1.99 0.00	26.71 1.96 0.00	24.13 1.91 0.00	22.21 1.81 0.00	21.12 1.70 -0.51	19.89 1.64 -0.45	19.11 1.56 -0.02	19.07 1.62 -0.02	20.71 1.73 -0.02	24.30 1.94 0.00	28.98 2.27 0.00	33.09 2.56 0.00	33.69 2.50 0.00	30.32 2.06 0.00	25.58 1.70 0.00	22.76 1.53 0.00



ARTHUR_KILL_COGEN 323718	23.01 1.88 0.00	20.98 1.52 0.00	19.75 1.34 0.00	19.34 1.28 0.00	19.76 1.22 0.00	20.99 1.28 0.00	24.80 1.53 0.00	27.17 1.66 0.00	27.78 1.89 0.01	26.58 1.83 0.01	23.99 1.78 0.01	22.12 1.73 0.01	21.04 1.63 -0.51	19.79 1.55 -0.44	19.01 1.47 -0.01	18.99 1.55 -0.01	20.66 1.69 -0.01	24.18 1.83 0.01	28.95 2.24 0.01	33.12 2.59 0.00	33.75 2.56 0.00	30.26 2.01 0.00	25.65 1.77 0.00	22.86 1.63 0.00
ASHOKAN____ 23654	22.50 1.37 0.00	20.67 1.21 0.00	19.51 1.10 0.00	19.12 1.06 0.00	19.61 1.07 0.00	20.83 1.12 0.00	24.68 1.42 0.00	26.89 1.38 0.00	27.29 1.40 0.00	26.09 1.34 0.00	23.31 1.09 0.00	21.39 1.00 0.00	19.72 0.81 0.00	18.59 0.78 0.00	18.28 0.75 0.00	18.19 0.77 0.00	19.90 0.93 0.00	23.56 1.21 0.00	28.21 1.50 0.00	32.36 1.83 0.00	33.00 1.81 0.00	29.95 1.70 0.00	25.41 1.53 0.00	22.50 1.27 0.00
ASTORIA_EAST_ENERGY_CC1 323581	22.71 1.59 0.01	20.80 1.34 0.01	19.59 1.20 0.01	19.20 1.16 0.01	19.64 1.11 0.01	20.90 1.20 0.01	24.79 1.53 0.01	27.24 1.74 0.01	27.83 1.94 0.01	26.63 1.88 0.01	24.03 1.82 0.01	22.20 1.81 0.01	21.19 1.78 -0.51	19.94 1.69 -0.44	19.12 1.58 -0.01	19.13 1.69 -0.01	20.74 1.76 -0.01	24.18 1.83 0.01	28.92 2.22 0.01	33.15 2.63 0.01	33.74 2.56 0.01	30.20 1.95 0.01	25.50 1.62 0.01	22.66 1.44 0.01
ASTORIA_EAST_ENERGY_CC2 323582	22.71 1.59 0.01	20.80 1.34 0.01	19.59 1.20 0.01	19.20 1.16 0.01	19.64 1.11 0.01	20.90 1.20 0.01	24.79 1.53 0.01	27.24 1.74 0.01	27.83 1.94 0.01	26.63 1.88 0.01	24.03 1.82 0.01	22.20 1.81 0.01	21.19 1.78 -0.51	19.94 1.69 -0.44	19.12 1.58 -0.01	19.13 1.69 -0.01	20.74 1.76 -0.01	24.18 1.83 0.01	28.92 2.22 0.01	33.15 2.63 0.01	33.74 2.56 0.01	30.20 1.95 0.01	25.50 1.62 0.01	22.66 1.44 0.01
ASTORIA_GT2_1 24094	22.71 1.58 0.00	20.83 1.36 0.00	19.62 1.21 0.00	19.23 1.17 0.00	19.67 1.13 0.00	20.93 1.22 0.00	24.82 1.56 0.00	27.27 1.76 0.00	27.97 2.07 0.00	26.66 1.91 0.00	24.04 1.82 0.00	22.21 1.82 0.00	21.19 1.78 -0.51	19.96 1.71 -0.44	19.16 1.61 -0.02	19.14 1.69 -0.02	20.77 1.78 -0.02	24.19 1.83 0.00	28.93 2.22 0.00	33.16 2.63 0.00	33.72 2.53 0.00	30.23 1.98 0.00	25.56 1.67 0.00	22.69 1.46 0.00
ASTORIA_GT2_2 24095	22.71 1.58 0.00	20.83 1.36 0.00	19.62 1.21 0.00	19.23 1.17 0.00	19.67 1.13 0.00	20.93 1.22 0.00	24.82 1.56 0.00	27.27 1.76 0.00	27.97 2.07 0.00	26.66 1.91 0.00	24.04 1.82 0.00	22.21 1.82 0.00	21.19 1.78 -0.51	19.96 1.71 -0.44	19.16 1.61 -0.02	19.14 1.69 -0.02	20.77 1.78 -0.02	24.19 1.83 0.00	28.93 2.22 0.00	33.16 2.63 0.00	33.72 2.53 0.00	30.23 1.98 0.00	25.56 1.67 0.00	22.69 1.46 0.00
ASTORIA_GT2_3 24096	22.71 1.58 0.00	20.83 1.36 0.00	19.62 1.21 0.00	19.23 1.17 0.00	19.67 1.13 0.00	20.93 1.22 0.00	24.82 1.56 0.00	27.27 1.76 0.00	27.97 2.07 0.00	26.66 1.91 0.00	24.04 1.82 0.00	22.21 1.82 0.00	21.19 1.78 -0.51	19.96 1.71 -0.44	19.16 1.61 -0.02	19.14 1.69 -0.02	20.77 1.78 -0.02	24.19 1.83 0.00	28.93 2.22 0.00	33.16 2.63 0.00	33.72 2.53 0.00	30.23 1.98 0.00	25.56 1.67 0.00	22.69 1.46 0.00
ASTORIA_GT2_4 24097	22.71 1.58 0.00	20.83 1.36 0.00	19.62 1.21 0.00	19.23 1.17 0.00	19.67 1.13 0.00	20.93 1.22 0.00	24.82 1.56 0.00	27.27 1.76 0.00	27.97 2.07 0.00	26.66 1.91 0.00	24.04 1.82 0.00	22.21 1.82 0.00	21.19 1.78 -0.51	19.96 1.71 -0.44	19.16 1.61 -0.02	19.14 1.69 -0.02	20.77 1.78 -0.02	24.19 1.83 0.00	28.93 2.22 0.00	33.16 2.63 0.00	33.72 2.53 0.00	30.23 1.98 0.00	25.56 1.67 0.00	22.69 1.46 0.00
ASTORIA_GT3_1 24098	22.71 1.58 0.00	20.83 1.36 0.00	19.62 1.21 0.00	19.23 1.17 0.00	19.67 1.13 0.00	20.93 1.22 0.00	24.82 1.56 0.00	27.27 1.76 0.00	27.97 2.07 0.00	26.66 1.91 0.00	24.04 1.82 0.00	22.21 1.82 0.00	21.19 1.78 -0.51	19.96 1.71 -0.44	19.16 1.61 -0.02	19.14 1.69 -0.02	20.77 1.78 -0.02	24.19 1.83 0.00	28.93 2.22 0.00	33.16 2.63 0.00	33.72 2.53 0.00	30.23 1.98 0.00	25.56 1.67 0.00	22.69 1.46 0.00
ASTORIA_GT3_2 24099	22.71 1.58 0.00	20.83 1.36 0.00	19.62 1.21 0.00	19.23 1.17 0.00	19.67 1.13 0.00	20.93 1.22 0.00	24.82 1.56 0.00	27.27 1.76 0.00	27.97 2.07 0.00	26.66 1.91 0.00	24.04 1.82 0.00	22.21 1.82 0.00	21.19 1.78 -0.51	19.96 1.71 -0.44	19.16 1.61 -0.02	19.14 1.69 -0.02	20.77 1.78 -0.02	24.19 1.83 0.00	28.93 2.22 0.00	33.16 2.63 0.00	33.72 2.53 0.00	30.23 1.98 0.00	25.56 1.67 0.00	22.69 1.46 0.00
ASTORIA_GT3_3 24100	22.71 1.58 0.00	20.83 1.36 0.00	19.62 1.21 0.00	19.23 1.17 0.00	19.67 1.13 0.00	20.93 1.22 0.00	24.82 1.56 0.00	27.27 1.76 0.00	27.97 2.07 0.00	26.66 1.91 0.00	24.04 1.82 0.00	22.21 1.82 0.00	21.19 1.78 -0.51	19.96 1.71 -0.44	19.16 1.61 -0.02	19.14 1.69 -0.02	20.77 1.78 -0.02	24.19 1.83 0.00	28.93 2.22 0.00	33.16 2.63 0.00	33.72 2.53 0.00	30.23 1.98 0.00	25.56 1.67 0.00	22.69 1.46 0.00
ASTORIA_GT3_4 24101	22.71 1.58 0.00	20.83 1.36 0.00	19.62 1.21 0.00	19.23 1.17 0.00	19.67 1.13 0.00	20.93 1.22 0.00	24.82 1.56 0.00	27.27 1.76 0.00	27.97 2.07 0.00	26.66 1.91 0.00	24.04 1.82 0.00	22.21 1.82 0.00	21.19 1.78 -0.51	19.96 1.71 -0.44	19.16 1.61 -0.02	19.14 1.69 -0.02	20.77 1.78 -0.02	24.19 1.83 0.00	28.93 2.22 0.00	33.16 2.63 0.00	33.72 2.53 0.00	30.23 1.98 0.00	25.56 1.67 0.00	22.69 1.46 0.00
ASTORIA_GT4_1 24102	22.71 1.58 0.00	20.83 1.36 0.00	19.62 1.21 0.00	19.23 1.17 0.00	19.67 1.13 0.00	20.93 1.22 0.00	24.82 1.56 0.00	27.27 1.76 0.00	27.97 2.07 0.00	26.66 1.91 0.00	24.04 1.82 0.00	22.21 1.82 0.00	21.19 1.78 -0.51	19.96 1.71 -0.44	19.16 1.61 -0.02	19.14 1.69 -0.02	20.77 1.78 -0.02	24.19 1.83 0.00	28.93 2.22 0.00	33.16 2.63 0.00	33.72 2.53 0.00	30.23 1.98 0.00	25.56 1.67 0.00	22.69 1.46 0.00
ASTORIA_GT4_2 24103	22.71 1.58 0.00	20.83 1.36 0.00	19.62 1.21 0.00	19.23 1.17 0.00	19.67 1.13 0.00	20.93 1.22 0.00	24.82 1.56 0.00	27.27 1.76 0.00	27.97 2.07 0.00	26.66 1.91 0.00	24.04 1.82 0.00	22.21 1.82 0.00	21.19 1.78 -0.51	19.96 1.71 -0.44	19.16 1.61 -0.02	19.14 1.69 -0.02	20.77 1.78 -0.02	24.19 1.83 0.00	28.93 2.22 0.00	33.16 2.63 0.00	33.72 2.53 0.00	30.23 1.98 0.00	25.56 1.67 0.00	22.69 1.46 0.00
ASTORIA_GT4_3 24104	22.71 1.58 0.00	20.83 1.36 0.00	19.62 1.21 0.00	19.23 1.17 0.00	19.67 1.13 0.00	20.93 1.22 0.00	24.82 1.56 0.00	27.27 1.76 0.00	27.97 2.07 0.00	26.66 1.91 0.00	24.04 1.82 0.00	22.21 1.82 0.00	21.19 1.78 -0.51	19.96 1.71 -0.44	19.16 1.61 -0.02	19.14 1.69 -0.02	20.77 1.78 -0.02	24.19 1.83 0.00	28.93 2.22 0.00	33.16 2.63 0.00	33.72 2.53 0.00	30.23 1.98 0.00	25.56 1.67 0.00	22.69 1.46 0.00



ASTORIA_GT4_4 24105	22.71 1.58 0.00	20.83 1.36 0.00	19.62 1.21 0.00	19.23 1.17 0.00	19.67 1.13 0.00	20.93 1.22 0.00	24.82 1.56 0.00	27.27 1.76 0.00	27.97 2.07 0.00	26.66 1.91 0.00	24.04 1.82 0.00	22.21 1.82 0.00	21.19 1.78 -0.51	19.96 1.71 -0.44	19.16 1.61 -0.02	19.14 1.69 -0.02	20.77 1.78 -0.02	24.19 1.83 0.00	28.93 2.22 0.00	33.16 2.63 0.00	33.72 2.53 0.00	30.23 1.98 0.00	25.56 1.67 0.00	22.69 1.46 0.00
ASTORIA_GT_1 23523	22.75 1.63 0.01	20.84 1.38 0.01	19.63 1.23 0.01	19.24 1.19 0.01	19.68 1.15 0.01	20.94 1.24 0.01	24.84 1.58 0.01	27.29 1.79 0.01	27.88 1.99 0.01	26.68 1.93 0.01	24.08 1.87 0.01	22.24 1.86 0.01	21.23 1.82 -0.51	19.97 1.73 -0.44	19.15 1.61 -0.01	19.16 1.73 -0.01	20.78 1.80 -0.01	24.23 1.88 0.01	28.98 2.27 0.01	33.21 2.69 0.01	33.80 2.62 0.01	30.26 2.01 0.01	25.55 1.67 0.01	22.70 1.49 0.01
ASTORIA_GT_10 24110	22.90 1.77 0.00	20.96 1.50 0.00	19.75 1.34 0.00	19.36 1.30 0.00	19.78 1.24 0.00	21.07 1.36 0.00	24.96 1.70 0.00	27.43 1.91 0.00	28.10 2.20 0.00	26.79 2.03 0.00	24.20 1.98 0.00	22.29 1.90 0.00	21.18 1.76 -0.52	19.93 1.67 -0.45	19.19 1.65 -0.02	19.14 1.69 -0.02	20.78 1.80 -0.02	24.35 1.99 0.00	29.09 2.38 0.00	33.25 2.72 0.00	33.84 2.65 0.00	30.40 2.15 0.00	25.72 1.84 0.00	22.84 1.61 0.00
ASTORIA_GT_11 24225	22.90 1.77 0.00	20.96 1.50 0.00	19.75 1.34 0.00	19.36 1.30 0.00	19.78 1.24 0.00	21.07 1.36 0.00	24.96 1.70 0.00	27.43 1.91 0.00	28.10 2.20 0.00	26.79 2.03 0.00	24.20 1.98 0.00	22.29 1.90 0.00	21.18 1.76 -0.52	19.93 1.67 -0.45	19.19 1.65 -0.02	19.14 1.69 -0.02	20.78 1.80 -0.02	24.35 1.99 0.00	29.09 2.38 0.00	33.25 2.72 0.00	33.84 2.65 0.00	30.40 2.15 0.00	25.72 1.84 0.00	22.84 1.61 0.00
ASTORIA_GT_12 24226	22.90 1.77 0.00	20.96 1.50 0.00	19.75 1.34 0.00	19.36 1.30 0.00	19.78 1.24 0.00	21.07 1.36 0.00	24.96 1.70 0.00	27.43 1.91 0.00	28.10 2.20 0.00	26.79 2.03 0.00	24.20 1.98 0.00	22.29 1.90 0.00	21.18 1.76 -0.52	19.93 1.67 -0.45	19.19 1.65 -0.02	19.14 1.69 -0.02	20.78 1.80 -0.02	24.35 1.99 0.00	29.09 2.38 0.00	33.25 2.72 0.00	33.84 2.65 0.00	30.40 2.15 0.00	25.72 1.84 0.00	22.84 1.61 0.00
ASTORIA_GT_13 24227	22.90 1.77 0.00	20.96 1.50 0.00	19.75 1.34 0.00	19.36 1.30 0.00	19.78 1.24 0.00	21.07 1.36 0.00	24.96 1.70 0.00	27.43 1.91 0.00	28.10 2.20 0.00	26.79 2.03 0.00	24.20 1.98 0.00	22.29 1.90 0.00	21.18 1.76 -0.52	19.93 1.67 -0.45	19.19 1.65 -0.02	19.14 1.69 -0.02	20.78 1.80 -0.02	24.35 1.99 0.00	29.09 2.38 0.00	33.25 2.72 0.00	33.84 2.65 0.00	30.40 2.15 0.00	25.72 1.84 0.00	22.84 1.61 0.00
ASTORIA_GT_5 24106	22.76 1.63 0.00	20.85 1.38 0.00	19.64 1.23 0.00	19.25 1.19 0.00	19.69 1.15 0.00	20.95 1.24 0.00	24.84 1.58 0.00	27.32 1.81 0.00	27.99 2.10 0.00	26.69 1.93 0.00	24.09 1.87 0.00	22.25 1.86 0.00	21.21 1.80 -0.51	19.97 1.73 -0.44	19.19 1.65 -0.02	19.17 1.73 -0.02	20.78 1.80 -0.02	24.23 1.88 0.00	28.99 2.27 0.00	33.22 2.69 0.00	33.78 2.59 0.00	30.26 2.01 0.00	25.58 1.70 0.00	22.71 1.49 0.00
ASTORIA_GT_7 24107	22.76 1.63 0.00	20.85 1.38 0.00	19.64 1.23 0.00	19.25 1.19 0.00	19.69 1.15 0.00	20.95 1.24 0.00	24.84 1.58 0.00	27.32 1.81 0.00	27.99 2.10 0.00	26.69 1.93 0.00	24.09 1.87 0.00	22.25 1.86 0.00	21.21 1.80 -0.51	19.97 1.73 -0.44	19.19 1.65 -0.02	19.17 1.73 -0.02	20.78 1.80 -0.02	24.23 1.88 0.00	28.99 2.27 0.00	33.22 2.69 0.00	33.78 2.59 0.00	30.26 2.01 0.00	25.58 1.70 0.00	22.71 1.49 0.00
ASTORIA_GT_8 24108	22.76 1.63 0.00	20.85 1.38 0.00	19.64 1.23 0.00	19.25 1.19 0.00	19.69 1.15 0.00	20.95 1.24 0.00	24.84 1.58 0.00	27.32 1.81 0.00	27.99 2.10 0.00	26.69 1.93 0.00	24.09 1.87 0.00	22.25 1.86 0.00	21.21 1.80 -0.51	19.97 1.73 -0.44	19.19 1.65 -0.02	19.17 1.73 -0.02	20.78 1.80 -0.02	24.23 1.88 0.00	28.99 2.27 0.00	33.22 2.69 0.00	33.78 2.59 0.00	30.26 2.01 0.00	25.58 1.70 0.00	22.71 1.49 0.00
ASTORIA___2 24149	22.71 1.59 0.01	20.82 1.36 0.01	19.61 1.21 0.01	19.22 1.17 0.01	19.66 1.13 0.01	20.92 1.22 0.01	24.81 1.56 0.01	27.26 1.76 0.01	27.85 1.97 0.01	26.66 1.91 0.01	24.03 1.82 0.01	22.20 1.81 0.01	21.19 1.78 -0.51	19.96 1.71 -0.44	19.12 1.58 -0.01	19.13 1.69 -0.01	20.76 1.78 -0.01	24.18 1.83 0.01	28.92 2.22 0.01	33.15 2.63 0.01	33.74 2.56 0.01	30.23 1.98 0.01	25.50 1.62 0.01	22.68 1.46 0.01
ASTORIA___3 23516	22.91 1.78 0.00	20.96 1.50 0.00	19.75 1.34 0.00	19.36 1.30 0.00	19.78 1.24 0.00	21.07 1.36 0.00	24.96 1.70 0.00	27.40 1.89 0.00	27.99 2.10 0.00	26.79 2.03 0.00	24.20 1.98 0.00	22.29 1.90 0.00	21.18 1.76 -0.52	19.93 1.67 -0.45	19.16 1.61 -0.02	19.14 1.69 -0.02	20.79 1.80 -0.02	24.35 1.99 0.00	29.09 2.38 0.00	33.25 2.72 0.00	33.84 2.65 0.00	30.40 2.15 0.00	25.68 1.79 0.00	22.84 1.61 0.00
ASTORIA___4 23517	22.90 1.77 0.00	20.96 1.50 0.00	19.75 1.34 0.00	19.36 1.30 0.00	19.78 1.24 0.00	21.07 1.36 0.00	24.96 1.70 0.00	27.43 1.91 0.00	28.10 2.20 0.00	26.79 2.03 0.00	24.20 1.98 0.00	22.29 1.90 0.00	21.18 1.76 -0.52	19.93 1.67 -0.45	19.19 1.65 -0.02	19.14 1.69 -0.02	20.78 1.80 -0.02	24.35 1.99 0.00	29.09 2.38 0.00	33.25 2.72 0.00	33.84 2.65 0.00	30.40 2.15 0.00	25.72 1.84 0.00	22.84 1.61 0.00
ASTORIA___5 23518	22.91 1.78 0.00	20.96 1.50 0.00	19.75 1.34 0.00	19.36 1.30 0.00	19.78 1.24 0.00	21.07 1.36 0.00	24.96 1.70 0.00	27.40 1.89 0.00	27.99 2.10 0.00	26.79 2.03 0.00	24.20 1.98 0.00	22.29 1.90 0.00	21.18 1.76 -0.52	19.93 1.67 -0.45	19.16 1.61 -0.02	19.14 1.69 -0.02	20.79 1.80 -0.02	24.35 1.99 0.00	29.09 2.38 0.00	33.25 2.72 0.00	33.84 2.65 0.00	30.40 2.15 0.00	25.68 1.79 0.00	22.84 1.61 0.00
AST_ENERGY_2_CC3 323677	22.84 1.71 0.00	20.94 1.48 0.00	19.73 1.33 0.00	19.34 1.28 0.00	19.76 1.22 0.00	21.07 1.36 0.00	24.94 1.68 0.00	27.35 1.84 0.00	27.92 2.02 0.00	26.74 1.98 0.00	24.13 1.91 0.00	22.21 1.81 0.00	21.12 1.70 -0.51	19.89 1.64 -0.45	19.11 1.56 -0.02	19.07 1.62 -0.02	20.73 1.74 -0.02	24.32 1.97 0.00	29.01 2.30 0.00	33.12 2.59 0.00	33.72 2.53 0.00	30.35 2.09 0.00	25.60 1.72 0.00	22.80 1.57 0.00
AST_ENERGY_2_CC4 323678	22.84 1.71 0.00	20.94 1.48 0.00	19.73 1.33 0.00	19.34 1.28 0.00	19.76 1.22 0.00	21.07 1.36 0.00	24.94 1.68 0.00	27.35 1.84 0.00	27.92 2.02 0.00	26.74 1.98 0.00	24.13 1.91 0.00	22.21 1.81 0.00	21.12 1.70 -0.51	19.89 1.64 -0.45	19.11 1.56 -0.02	19.07 1.62 -0.02	20.73 1.74 -0.02	24.32 1.97 0.00	29.01 2.30 0.00	33.12 2.59 0.00	33.72 2.53 0.00	30.35 2.09 0.00	25.60 1.72 0.00	22.80 1.57 0.00



ATHENS_STG_1 23668	22.06 0.93 0.00	20.30 0.84 0.00	19.16 0.75 0.00	18.80 0.74 0.00	19.30 0.76 0.00	20.54 0.83 0.00	24.24 0.98 0.00	26.56 1.05 0.00	27.03 1.14 0.00	25.87 1.12 0.00	23.29 1.07 0.00	21.39 1.00 0.00	19.83 0.93 0.00	18.69 0.89 0.00	18.39 0.86 0.00	18.32 0.89 0.00	19.91 0.95 0.00	23.45 1.10 0.00	28.00 1.28 0.00	31.97 1.44 0.00	32.56 1.37 0.00	29.47 1.21 0.00	24.86 0.98 0.00	22.10 0.87 0.00
ATHENS_STG_2 23670	22.06 0.93 0.00	20.30 0.84 0.00	19.16 0.75 0.00	18.80 0.74 0.00	19.30 0.76 0.00	20.54 0.83 0.00	24.24 0.98 0.00	26.56 1.05 0.00	27.03 1.14 0.00	25.87 1.12 0.00	23.29 1.07 0.00	21.39 1.00 0.00	19.83 0.93 0.00	18.69 0.89 0.00	18.39 0.86 0.00	18.32 0.89 0.00	19.91 0.95 0.00	23.45 1.10 0.00	28.00 1.28 0.00	31.97 1.44 0.00	32.56 1.37 0.00	29.47 1.21 0.00	24.86 0.98 0.00	22.10 0.87 0.00
ATHENS_STG_3 23677	22.06 0.93 0.00	20.30 0.84 0.00	19.16 0.75 0.00	18.80 0.74 0.00	19.30 0.76 0.00	20.54 0.83 0.00	24.24 0.98 0.00	26.56 1.05 0.00	27.03 1.14 0.00	25.87 1.12 0.00	23.29 1.07 0.00	21.39 1.00 0.00	19.83 0.93 0.00	18.69 0.89 0.00	18.39 0.86 0.00	18.32 0.89 0.00	19.91 0.95 0.00	23.45 1.10 0.00	28.00 1.28 0.00	31.97 1.44 0.00	32.56 1.37 0.00	29.47 1.21 0.00	24.86 0.98 0.00	22.10 0.87 0.00
AUBURN___LFGE 323710	21.26 0.13 0.00	19.52 0.06 0.00	18.52 0.11 0.00	18.16 0.11 0.00	18.65 0.11 0.00	19.83 0.12 0.00	23.38 0.12 0.00	25.72 0.20 0.00	25.92 0.03 0.00	24.86 0.10 0.00	22.31 0.09 0.00	20.43 0.04 0.00	18.96 0.06 0.00	17.86 0.05 0.00	17.57 0.04 0.00	17.46 0.03 0.00	19.04 0.08 0.00	22.40 0.04 0.00	26.85 0.13 0.00	30.68 0.15 0.00	31.44 0.25 0.00	28.48 0.23 0.00	24.15 0.26 0.00	21.44 0.21 0.00
BABYLON_RES_REC 323704	26.06 2.07 -2.86	21.33 1.85 -0.02	20.13 1.71 -0.01	19.72 1.66 -0.01	20.20 1.65 -0.01	22.15 1.81 -0.63	25.47 2.19 -0.02	27.78 2.27 0.00	28.16 2.25 -0.01	27.16 2.40 0.00	24.51 2.27 -0.02	22.57 2.16 -0.02	20.84 1.93 0.00	19.58 1.78 0.00	19.30 1.77 0.00	19.29 1.87 0.00	21.05 2.07 -0.02	25.04 2.35 -0.34	29.31 2.59 0.00	33.52 2.99 0.00	34.16 2.96 0.00	30.89 2.63 0.00	25.89 2.01 0.00	23.96 1.95 -0.78
BABYLON__69_KV_BK2 356345	26.33 2.35 -2.86	21.61 2.12 -0.02	20.36 1.95 0.00	19.95 1.90 0.00	20.43 1.89 0.00	22.44 2.09 -0.65	25.77 2.49 -0.02	28.19 2.68 0.00	28.85 2.95 -0.01	27.46 2.70 0.00	24.80 2.56 -0.02	22.84 2.43 -0.02	21.06 2.16 0.00	19.78 1.98 0.00	19.53 2.00 0.00	19.50 2.07 0.00	21.28 2.29 -0.02	25.34 2.64 -0.34	29.68 2.97 0.00	33.95 3.42 0.00	34.59 3.40 0.00	31.28 3.02 0.00	26.37 2.48 0.00	24.23 2.23 -0.78
BALL_HILL_WT_PWR 323825	20.90 -0.23 0.00	19.19 -0.27 0.00	18.46 0.06 0.00	18.07 0.02 0.00	18.56 0.02 0.00	19.59 -0.12 0.00	22.80 -0.47 0.00	24.93 -0.59 0.00	24.96 -0.93 0.00	23.84 -0.92 0.00	21.57 -0.65 0.00	19.86 -0.53 0.00	18.47 -0.43 0.00	17.36 -0.44 0.00	17.09 -0.44 0.00	16.94 -0.49 0.00	18.42 -0.55 0.00	21.35 -1.01 0.00	25.59 -1.12 0.00	29.19 -1.34 0.00	30.19 -1.00 0.00	27.44 -0.82 0.00	23.74 -0.14 0.00	21.21 -0.02 0.00
BARON_WINDS___WT_PWR 323822	21.17 0.04 0.00	19.44 -0.02 0.00	18.61 0.20 0.00	18.24 0.18 0.00	18.74 0.20 0.00	19.85 0.14 0.00	23.21 -0.05 0.00	25.46 -0.05 0.00	25.56 -0.34 0.00	24.36 -0.40 0.00	21.91 -0.31 0.00	20.13 -0.27 0.00	18.70 -0.21 0.00	17.56 -0.25 0.00	17.29 -0.25 0.00	17.13 -0.30 0.00	18.64 -0.32 0.00	21.80 -0.56 0.00	26.15 -0.56 0.00	29.89 -0.64 0.00	30.78 -0.41 0.00	27.97 -0.28 0.00	24.03 0.14 0.00	21.40 0.17 0.00
BARRETT_IC_1 23704	25.80 1.82 -2.85	21.09 1.61 -0.01	19.89 1.47 -0.01	19.51 1.44 -0.01	19.97 1.43 -0.01	21.97 1.58 -0.68	25.18 1.91 -0.01	27.48 1.96 0.00	27.87 1.97 -0.01	26.86 2.10 0.00	24.28 2.04 -0.01	22.32 1.92 -0.01	20.65 1.74 0.00	19.39 1.58 0.00	19.09 1.56 0.00	19.10 1.67 0.00	20.82 1.84 -0.01	24.79 2.10 -0.33	28.93 2.22 0.00	33.03 2.50 0.00	33.59 2.40 0.00	30.40 2.15 0.00	25.63 1.74 0.00	23.70 1.70 -0.77
BARRETT_IC_10 23701	25.80 1.82 -2.85	21.09 1.61 -0.01	19.89 1.47 -0.01	19.51 1.44 -0.01	19.97 1.43 -0.01	21.97 1.58 -0.68	25.18 1.91 -0.01	27.48 1.96 0.00	27.87 1.97 -0.01	26.86 2.10 0.00	24.28 2.04 -0.01	22.32 1.92 -0.01	20.65 1.74 0.00	19.39 1.58 0.00	19.09 1.56 0.00	19.10 1.67 0.00	20.82 1.84 -0.01	24.79 2.10 -0.33	28.93 2.22 0.00	33.03 2.50 0.00	33.59 2.40 0.00	30.40 2.15 0.00	25.63 1.74 0.00	23.70 1.70 -0.77
BARRETT_IC_11 23702	25.80 1.82 -2.85	21.09 1.61 -0.01	19.89 1.47 -0.01	19.51 1.44 -0.01	19.97 1.43 -0.01	21.97 1.58 -0.68	25.18 1.91 -0.01	27.48 1.96 0.00	27.87 1.97 -0.01	26.86 2.10 0.00	24.28 2.04 -0.01	22.32 1.92 -0.01	20.65 1.74 0.00	19.39 1.58 0.00	19.09 1.56 0.00	19.10 1.67 0.00	20.82 1.84 -0.01	24.79 2.10 -0.33	28.93 2.22 0.00	33.03 2.50 0.00	33.59 2.40 0.00	30.40 2.15 0.00	25.63 1.74 0.00	23.70 1.70 -0.77
BARRETT_IC_12 23703	25.80 1.82 -2.85	21.09 1.61 -0.01	19.89 1.47 -0.01	19.51 1.44 -0.01	19.97 1.43 -0.01	21.97 1.58 -0.68	25.18 1.91 -0.01	27.48 1.96 0.00	27.87 1.97 -0.01	26.86 2.10 0.00	24.28 2.04 -0.01	22.32 1.92 -0.01	20.65 1.74 0.00	19.39 1.58 0.00	19.09 1.56 0.00	19.10 1.67 0.00	20.82 1.84 -0.01	24.79 2.10 -0.33	28.93 2.22 0.00	33.03 2.50 0.00	33.59 2.40 0.00	30.40 2.15 0.00	25.63 1.74 0.00	23.70 1.70 -0.77
BARRETT_IC_2 23705	25.80 1.82 -2.85	21.09 1.61 -0.01	19.89 1.47 -0.01	19.51 1.44 -0.01	19.97 1.43 -0.01	21.97 1.58 -0.68	25.18 1.91 -0.01	27.48 1.96 0.00	27.87 1.97 -0.01	26.86 2.10 0.00	24.28 2.04 -0.01	22.32 1.92 -0.01	20.65 1.74 0.00	19.39 1.58 0.00	19.09 1.56 0.00	19.10 1.67 0.00	20.82 1.84 -0.01	24.79 2.10 -0.33	28.93 2.22 0.00	33.03 2.50 0.00	33.59 2.40 0.00	30.40 2.15 0.00	25.63 1.74 0.00	23.70 1.70 -0.77
BARRETT_IC_3 23706	25.80 1.82 -2.85	21.09 1.61 -0.01	19.89 1.47 -0.01	19.51 1.44 -0.01	19.97 1.43 -0.01	21.97 1.58 -0.68	25.18 1.91 -0.01	27.48 1.96 0.00	27.87 1.97 -0.01	26.86 2.10 0.00	24.28 2.04 -0.01	22.32 1.92 -0.01	20.65 1.74 0.00	19.39 1.58 0.00	19.09 1.56 0.00	19.10 1.67 0.00	20.82 1.84 -0.01	24.79 2.10 -0.33	28.93 2.22 0.00	33.03 2.50 0.00	33.59 2.40 0.00	30.40 2.15 0.00	25.63 1.74 0.00	23.70 1.70 -0.77
BARRETT_IC_4 23707	25.80 1.82 -2.85	21.09 1.61 -0.01	19.89 1.47 -0.01	19.51 1.44 -0.01	19.97 1.43 -0.01	21.97 1.58 -0.68	25.18 1.91 -0.01	27.48 1.96 0.00	27.87 1.97 -0.01	26.86 2.10 0.00	24.28 2.04 -0.01	22.32 1.92 -0.01	20.65 1.74 0.00	19.39 1.58 0.00	19.09 1.56 0.00	19.10 1.67 0.00	20.82 1.84 -0.01	24.79 2.10 -0.33	28.93 2.22 0.00	33.03 2.50 0.00	33.59 2.40 0.00	30.40 2.15 0.00	25.63 1.74 0.00	23.70 1.70 -0.77



BARRETT_IC_5 23708	25.80 1.82 -2.85	21.09 1.61 -0.01	19.89 1.47 -0.01	19.51 1.44 -0.01	19.97 1.43 -0.01	21.97 1.58 -0.68	25.18 1.91 -0.01	27.48 1.96 0.00	27.87 1.97 -0.01	26.86 2.10 0.00	24.28 2.04 -0.01	22.32 1.92 -0.01	20.65 1.74 0.00	19.39 1.58 0.00	19.09 1.56 0.00	19.10 1.67 0.00	20.82 1.84 -0.01	24.79 2.10 -0.33	28.93 2.22 0.00	33.03 2.50 0.00	33.59 2.40 0.00	30.40 2.15 0.00	25.63 1.74 0.00	23.70 1.70 -0.77
BARRETT_IC_6 23709	25.80 1.82 -2.85	21.09 1.61 -0.01	19.89 1.47 -0.01	19.51 1.44 -0.01	19.97 1.43 -0.01	21.97 1.58 -0.68	25.18 1.91 -0.01	27.48 1.96 0.00	27.87 1.97 -0.01	26.86 2.10 0.00	24.28 2.04 -0.01	22.32 1.92 -0.01	20.65 1.74 0.00	19.39 1.58 0.00	19.09 1.56 0.00	19.10 1.67 0.00	20.82 1.84 -0.01	24.79 2.10 -0.33	28.93 2.22 0.00	33.03 2.50 0.00	33.59 2.40 0.00	30.40 2.15 0.00	25.63 1.74 0.00	23.70 1.70 -0.77
BARRETT_IC_7 23710	25.80 1.82 -2.85	21.09 1.62 -0.01	19.88 1.47 0.00	19.50 1.44 0.00	19.97 1.43 0.00	21.99 1.60 -0.68	25.18 1.91 -0.01	27.55 2.04 0.00	28.20 2.30 0.00	26.86 2.10 0.00	24.28 2.04 -0.01	22.32 1.92 -0.01	20.65 1.74 0.00	19.39 1.58 0.00	19.13 1.60 0.00	19.10 1.67 0.00	20.82 1.84 -0.01	24.79 2.10 -0.33	28.93 2.22 0.00	33.03 2.50 0.00	33.56 2.37 0.00	30.40 2.15 0.00	25.75 1.86 0.00	23.70 1.70 -0.77
BARRETT_IC_8 23711	25.80 1.82 -2.85	21.09 1.61 -0.01	19.89 1.47 -0.01	19.51 1.44 -0.01	19.97 1.43 -0.01	21.97 1.58 -0.68	25.18 1.91 -0.01	27.48 1.96 0.00	27.87 1.97 -0.01	26.86 2.10 0.00	24.28 2.04 -0.01	22.32 1.92 -0.01	20.65 1.74 0.00	19.39 1.58 0.00	19.09 1.56 0.00	19.10 1.67 0.00	20.82 1.84 -0.01	24.79 2.10 -0.33	28.93 2.22 0.00	33.03 2.50 0.00	33.59 2.40 0.00	30.40 2.15 0.00	25.63 1.74 0.00	23.70 1.70 -0.77
BARRETT_IC_9 23700	25.80 1.82 -2.85	21.09 1.61 -0.01	19.89 1.47 -0.01	19.51 1.44 -0.01	19.97 1.43 -0.01	21.97 1.58 -0.68	25.18 1.91 -0.01	27.48 1.96 0.00	27.87 1.97 -0.01	26.86 2.10 0.00	24.28 2.04 -0.01	22.32 1.92 -0.01	20.65 1.74 0.00	19.39 1.58 0.00	19.09 1.56 0.00	19.10 1.67 0.00	20.82 1.84 -0.01	24.79 2.10 -0.33	28.93 2.22 0.00	33.03 2.50 0.00	33.59 2.40 0.00	30.40 2.15 0.00	25.63 1.74 0.00	23.70 1.70 -0.77
BARRETT___1 23545	25.80 1.82 -2.85	21.09 1.61 -0.01	19.89 1.47 -0.01	19.51 1.44 -0.01	19.97 1.43 -0.01	21.97 1.58 -0.68	25.18 1.91 -0.01	27.48 1.96 0.00	27.87 1.97 -0.01	26.86 2.10 0.00	24.28 2.04 -0.01	22.32 1.92 -0.01	20.65 1.74 0.00	19.39 1.58 0.00	19.09 1.56 0.00	19.10 1.67 0.00	20.82 1.84 -0.01	24.79 2.10 -0.33	28.93 2.22 0.00	33.03 2.50 0.00	33.59 2.40 0.00	30.40 2.15 0.00	25.63 1.74 0.00	23.70 1.70 -0.77
BARRETT___2 23546	25.80 1.82 -2.85	21.09 1.61 -0.01	19.89 1.47 -0.01	19.51 1.44 -0.01	19.97 1.43 -0.01	21.97 1.58 -0.68	25.18 1.91 -0.01	27.48 1.96 0.00	27.87 1.97 -0.01	26.86 2.10 0.00	24.28 2.04 -0.01	22.32 1.92 -0.01	20.65 1.74 0.00	19.39 1.58 0.00	19.09 1.56 0.00	19.10 1.67 0.00	20.82 1.84 -0.01	24.79 2.10 -0.33	28.93 2.22 0.00	33.03 2.50 0.00	33.59 2.40 0.00	30.40 2.15 0.00	25.63 1.74 0.00	23.70 1.70 -0.77
BATAVIA__115KV_TB1 55881	20.94 -0.19 0.00	19.17 -0.29 0.00	18.37 -0.04 0.00	18.02 -0.04 0.00	18.46 -0.07 0.00	19.47 -0.24 0.00	22.73 -0.53 0.00	24.85 -0.66 0.00	24.55 -1.35 0.00	23.84 -0.92 0.00	21.55 -0.67 0.00	19.82 -0.57 0.00	18.45 -0.45 0.00	17.32 -0.48 0.00	16.88 -0.65 0.00	16.92 -0.51 0.00	18.44 -0.53 0.00	21.48 -0.87 0.00	25.70 -1.02 0.00	29.43 -1.10 0.00	30.47 -0.72 0.00	27.55 -0.71 0.00	23.64 -0.24 0.00	21.21 -0.02 0.00
BAYONEEC___CTG1 323682	22.86 1.73 0.00	20.96 1.50 0.00	19.75 1.34 0.00	19.36 1.30 0.00	19.80 1.26 0.00	21.09 1.38 0.00	24.96 1.70 0.00	27.37 1.86 0.00	27.97 2.07 0.00	26.76 2.00 0.00	24.18 1.96 0.00	22.25 1.86 0.00	21.16 1.74 -0.51	19.92 1.67 -0.45	19.14 1.60 -0.02	19.10 1.66 -0.02	20.75 1.76 -0.02	24.35 1.99 0.00	29.07 2.35 0.00	33.18 2.65 0.00	33.78 2.59 0.00	30.38 2.12 0.00	25.63 1.74 0.00	22.82 1.59 0.00
BAYONEEC___CTG10 323750	22.86 1.73 0.00	20.96 1.50 0.00	19.75 1.34 0.00	19.36 1.30 0.00	19.80 1.26 0.00	21.09 1.38 0.00	24.96 1.70 0.00	27.37 1.86 0.00	27.97 2.07 0.00	26.76 2.00 0.00	24.18 1.96 0.00	22.25 1.86 0.00	21.16 1.74 -0.51	19.92 1.67 -0.45	19.14 1.60 -0.02	19.10 1.66 -0.02	20.75 1.76 -0.02	24.35 1.99 0.00	29.07 2.35 0.00	33.18 2.65 0.00	33.78 2.59 0.00	30.38 2.12 0.00	25.63 1.74 0.00	22.82 1.59 0.00
BAYONEEC___CTG2 323683	22.86 1.73 0.00	20.96 1.50 0.00	19.75 1.34 0.00	19.36 1.30 0.00	19.80 1.26 0.00	21.09 1.38 0.00	24.96 1.70 0.00	27.37 1.86 0.00	27.97 2.07 0.00	26.76 2.00 0.00	24.18 1.96 0.00	22.25 1.86 0.00	21.16 1.74 -0.51	19.92 1.67 -0.45	19.14 1.60 -0.02	19.10 1.66 -0.02	20.75 1.76 -0.02	24.35 1.99 0.00	29.07 2.35 0.00	33.18 2.65 0.00	33.78 2.59 0.00	30.38 2.12 0.00	25.63 1.74 0.00	22.82 1.59 0.00
BAYONEEC___CTG3 323684	22.86 1.73 0.00	20.96 1.50 0.00	19.75 1.34 0.00	19.36 1.30 0.00	19.80 1.26 0.00	21.09 1.38 0.00	24.96 1.70 0.00	27.37 1.86 0.00	27.97 2.07 0.00	26.76 2.00 0.00	24.18 1.96 0.00	22.25 1.86 0.00	21.16 1.74 -0.51	19.92 1.67 -0.45	19.14 1.60 -0.02	19.10 1.66 -0.02	20.75 1.76 -0.02	24.35 1.99 0.00	29.07 2.35 0.00	33.18 2.65 0.00	33.78 2.59 0.00	30.38 2.12 0.00	25.63 1.74 0.00	22.82 1.59 0.00
BAYONEEC___CTG4 323685	22.86 1.73 0.00	20.96 1.50 0.00	19.75 1.34 0.00	19.36 1.30 0.00	19.80 1.26 0.00	21.09 1.38 0.00	24.96 1.70 0.00	27.37 1.86 0.00	27.97 2.07 0.00	26.76 2.00 0.00	24.18 1.96 0.00	22.25 1.86 0.00	21.16 1.74 -0.51	19.92 1.67 -0.45	19.14 1.60 -0.02	19.10 1.66 -0.02	20.75 1.76 -0.02	24.35 1.99 0.00	29.07 2.35 0.00	33.18 2.65 0.00	33.78 2.59 0.00	30.38 2.12 0.00	25.63 1.74 0.00	22.82 1.59 0.00
BAYONEEC___CTG5 323686	22.86 1.73 0.00	20.96 1.50 0.00	19.75 1.34 0.00	19.36 1.30 0.00	19.80 1.26 0.00	21.09 1.38 0.00	24.96 1.70 0.00	27.37 1.86 0.00	27.97 2.07 0.00	26.76 2.00 0.00	24.18 1.96 0.00	22.25 1.86 0.00	21.16 1.74 -0.51	19.92 1.67 -0.45	19.14 1.60 -0.02	19.10 1.66 -0.02	20.75 1.76 -0.02	24.35 1.99 0.00	29.07 2.35 0.00	33.18 2.65 0.00	33.78 2.59 0.00	30.38 2.12 0.00	25.63 1.74 0.00	22.82 1.59 0.00
BAYONEEC___CTG6 323687	22.86 1.73 0.00	20.96 1.50 0.00	19.75 1.34 0.00	19.36 1.30 0.00	19.80 1.26 0.00	21.09 1.38 0.00	24.96 1.70 0.00	27.37 1.86 0.00	27.97 2.07 0.00	26.76 2.00 0.00	24.18 1.96 0.00	22.25 1.86 0.00	21.16 1.74 -0.51	19.92 1.67 -0.45	19.14 1.60 -0.02	19.10 1.66 -0.02	20.75 1.76 -0.02	24.35 1.99 0.00	29.07 2.35 0.00	33.18 2.65 0.00	33.78 2.59 0.00	30.38 2.12 0.00	25.63 1.74 0.00	22.82 1.59 0.00



BAYONEEC___CTG7 323688	22.86 1.73 0.00	20.96 1.50 0.00	19.75 1.34 0.00	19.36 1.30 0.00	19.80 1.26 0.00	21.09 1.38 0.00	24.96 1.70 0.00	27.37 1.86 0.00	27.97 2.07 0.00	26.76 2.00 0.00	24.18 1.96 0.00	22.25 1.86 0.00	21.16 1.74 -0.51	19.92 1.67 -0.45	19.14 1.60 -0.02	19.10 1.66 -0.02	20.75 1.76 -0.02	24.35 1.99 0.00	29.07 2.35 0.00	33.18 2.65 0.00	33.78 2.59 0.00	30.38 2.12 0.00	25.63 1.74 0.00	22.82 1.59 0.00
BAYONEEC___CTG8 323689	22.86 1.73 0.00	20.96 1.50 0.00	19.75 1.34 0.00	19.36 1.30 0.00	19.80 1.26 0.00	21.09 1.38 0.00	24.96 1.70 0.00	27.37 1.86 0.00	27.97 2.07 0.00	26.76 2.00 0.00	24.18 1.96 0.00	22.25 1.86 0.00	21.16 1.74 -0.51	19.92 1.67 -0.45	19.14 1.60 -0.02	19.10 1.66 -0.02	20.75 1.76 -0.02	24.35 1.99 0.00	29.07 2.35 0.00	33.18 2.65 0.00	33.78 2.59 0.00	30.38 2.12 0.00	25.63 1.74 0.00	22.82 1.59 0.00
BAYONEEC___CTG9 323749	22.86 1.73 0.00	20.96 1.50 0.00	19.75 1.34 0.00	19.36 1.30 0.00	19.80 1.26 0.00	21.09 1.38 0.00	24.96 1.70 0.00	27.37 1.86 0.00	27.97 2.07 0.00	26.76 2.00 0.00	24.18 1.96 0.00	22.25 1.86 0.00	21.16 1.74 -0.51	19.92 1.67 -0.45	19.14 1.60 -0.02	19.10 1.66 -0.02	20.75 1.76 -0.02	24.35 1.99 0.00	29.07 2.35 0.00	33.18 2.65 0.00	33.78 2.59 0.00	30.38 2.12 0.00	25.63 1.74 0.00	22.82 1.59 0.00
BEACON___LESR 323632	21.74 0.61 0.00	20.09 0.62 0.00	18.94 0.53 0.00	18.60 0.54 0.00	19.08 0.54 0.00	20.30 0.59 0.00	24.00 0.74 0.00	26.28 0.76 0.00	26.83 0.93 0.00	25.65 0.89 0.00	23.02 0.80 0.00	21.11 0.71 0.00	19.53 0.62 0.00	18.36 0.55 0.00	18.06 0.53 0.00	17.97 0.54 0.00	19.59 0.62 0.00	23.16 0.80 0.00	27.60 0.88 0.00	31.60 1.07 0.00	32.19 1.00 0.00	29.13 0.88 0.00	24.70 0.81 0.00	21.95 0.72 0.00
BEAVER RIVER___HYD 24048	20.62 -0.51 0.00	18.96 -0.51 0.00	17.95 -0.46 0.00	17.60 -0.45 0.00	18.06 -0.48 0.00	19.22 -0.49 0.00	22.73 -0.53 0.00	24.80 -0.71 0.00	24.99 -0.91 0.00	23.82 -0.94 0.00	21.18 -1.04 0.00	16.14 -1.06 3.19	14.22 -0.98 3.71	13.48 -0.96 3.36	12.70 -0.98 3.85	12.89 -0.99 3.55	14.98 -1.02 2.96	17.82 -1.05 3.49	22.26 -0.99 3.47	29.67 -0.85 0.00	30.75 -0.44 0.00	27.89 -0.37 0.00	23.45 -0.43 0.00	20.80 -0.42 0.00
BEEBEE_GT_13 23619	20.90 -0.23 0.00	19.15 -0.31 0.00	18.26 -0.15 0.00	17.91 -0.14 0.00	18.37 -0.17 0.00	19.43 -0.28 0.00	22.80 -0.47 0.00	24.95 -0.56 0.00	24.88 -1.01 0.00	24.06 -0.69 0.00	21.71 -0.51 0.00	19.97 -0.43 0.00	18.57 -0.34 0.00	17.45 -0.36 0.00	17.07 -0.46 0.00	17.06 -0.37 0.00	18.57 -0.40 0.00	21.75 -0.60 0.00	25.99 -0.72 0.00	29.74 -0.79 0.00	30.63 -0.56 0.00	27.72 -0.54 0.00	23.64 -0.24 0.00	21.12 -0.11 0.00
BENSHRST_27_KV_BENSHRST_1 355998	23.07 1.94 0.00	21.06 1.60 0.00	19.82 1.42 0.00	19.43 1.37 0.00	19.85 1.32 0.00	21.13 1.42 0.00	25.01 1.74 0.00	27.50 1.99 0.00	28.20 2.30 0.00	26.89 2.13 0.00	24.29 2.07 0.00	22.37 1.98 0.00	21.28 1.85 -0.52	20.02 1.76 -0.45	19.26 1.72 -0.02	19.22 1.78 -0.02	20.90 1.92 -0.02	24.46 2.10 0.00	29.25 2.54 0.00	33.46 2.93 0.00	34.06 2.87 0.00	30.55 2.29 0.00	25.87 1.98 0.00	22.99 1.76 0.00
BETHLEHEM___GRP 23843	21.43 0.30 0.00	19.81 0.35 0.00	18.68 0.28 0.00	18.36 0.31 0.00	18.83 0.30 0.00	20.04 0.34 0.00	23.68 0.42 0.00	25.95 0.43 0.00	26.46 0.57 0.00	25.28 0.52 0.00	22.73 0.51 0.00	20.84 0.45 0.00	19.30 0.40 0.00	18.16 0.36 0.00	17.90 0.37 0.00	17.79 0.37 0.00	19.36 0.40 0.00	22.89 0.54 0.00	27.22 0.51 0.00	31.14 0.61 0.00	31.69 0.50 0.00	28.68 0.42 0.00	24.36 0.48 0.00	21.65 0.42 0.00
BETHLEHEM___GS1 323560	21.42 0.30 0.00	19.81 0.35 0.00	18.68 0.28 0.00	18.36 0.31 0.00	18.83 0.30 0.00	20.04 0.33 0.00	23.68 0.42 0.00	25.92 0.41 0.00	26.41 0.52 0.00	25.28 0.52 0.00	22.73 0.51 0.00	20.84 0.45 0.00	19.30 0.40 0.00	18.16 0.36 0.00	17.86 0.33 0.00	17.78 0.35 0.00	19.37 0.40 0.00	22.89 0.54 0.00	27.22 0.51 0.00	31.14 0.61 0.00	31.69 0.50 0.00	28.68 0.42 0.00	24.36 0.48 0.00	21.65 0.42 0.00
BETHLEHEM___GS2 323561	21.42 0.30 0.00	19.81 0.35 0.00	18.68 0.28 0.00	18.36 0.31 0.00	18.83 0.30 0.00	20.04 0.33 0.00	23.68 0.42 0.00	25.92 0.41 0.00	26.41 0.52 0.00	25.28 0.52 0.00	22.73 0.51 0.00	20.84 0.45 0.00	19.30 0.40 0.00	18.16 0.36 0.00	17.86 0.33 0.00	17.78 0.35 0.00	19.37 0.40 0.00	22.89 0.54 0.00	27.22 0.51 0.00	31.14 0.61 0.00	31.69 0.50 0.00	28.68 0.42 0.00	24.36 0.48 0.00	21.65 0.42 0.00
BETHLEHEM___GS3 323562	21.42 0.30 0.00	19.81 0.35 0.00	18.68 0.28 0.00	18.36 0.31 0.00	18.83 0.30 0.00	20.04 0.33 0.00	23.68 0.42 0.00	25.92 0.41 0.00	26.41 0.52 0.00	25.28 0.52 0.00	22.73 0.51 0.00	20.84 0.45 0.00	19.30 0.40 0.00	18.16 0.36 0.00	17.86 0.33 0.00	17.78 0.35 0.00	19.37 0.40 0.00	22.89 0.54 0.00	27.22 0.51 0.00	31.14 0.61 0.00	31.69 0.50 0.00	28.68 0.42 0.00	24.36 0.48 0.00	21.65 0.42 0.00
BETHLEHEM___STEEL 23779	20.83 -0.30 0.00	19.11 -0.35 0.00	18.37 -0.04 0.00	18.00 -0.05 0.00	18.46 -0.07 0.00	19.47 -0.24 0.00	22.66 -0.60 0.00	24.67 -0.84 0.00	24.37 -1.53 0.00	23.67 -1.09 0.00	21.46 -0.76 0.00	19.76 -0.63 0.00	18.42 -0.49 0.00	17.31 -0.50 0.00	16.83 -0.70 0.00	16.89 -0.54 0.00	18.36 -0.61 0.00	21.28 -1.07 0.00	25.49 -1.23 0.00	29.06 -1.47 0.00	30.04 -1.15 0.00	27.27 -0.99 0.00	23.50 -0.38 0.00	21.10 -0.13 0.00
BETHLHEM_115KV_TB1 79974	21.49 0.36 0.00	19.87 0.41 0.00	18.74 0.33 0.00	18.42 0.36 0.00	18.89 0.35 0.00	20.10 0.39 0.00	23.75 0.49 0.00	26.00 0.48 0.00	26.52 0.62 0.00	25.33 0.57 0.00	22.78 0.56 0.00	20.90 0.51 0.00	19.34 0.43 0.00	18.20 0.39 0.00	17.93 0.40 0.00	17.83 0.40 0.00	19.42 0.46 0.00	22.94 0.58 0.00	27.30 0.59 0.00	31.23 0.70 0.00	31.78 0.59 0.00	28.77 0.51 0.00	24.41 0.53 0.00	21.69 0.47 0.00
BETHPAGE_CC_5 323564	25.97 1.99 -2.86	21.27 1.79 -0.02	20.07 1.66 -0.01	19.67 1.61 -0.01	20.14 1.59 -0.01	22.03 1.71 -0.61	25.37 2.09 -0.02	27.71 2.19 0.00	28.11 2.20 -0.01	27.11 2.35 0.00	24.46 2.22 -0.02	22.53 2.12 -0.02	20.84 1.93 0.00	19.57 1.76 0.00	19.27 1.74 0.00	19.28 1.85 0.00	21.00 2.01 -0.02	24.98 2.28 -0.34	29.25 2.54 0.00	33.43 2.90 0.00	34.06 2.87 0.00	30.80 2.54 0.00	25.84 1.96 0.00	23.87 1.87 -0.78
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	20.85 -0.27 0.00	19.13 -0.33 0.00	18.41 0.00 0.00	18.04 -0.02 0.00	18.50 -0.04 0.00	19.53 -0.18 0.00	22.70 -0.56 0.00	24.72 -0.79 0.00	24.44 -1.45 0.00	23.72 -1.04 0.00	21.51 -0.71 0.00	19.80 -0.59 0.00	18.43 -0.47 0.00	17.32 -0.48 0.00	16.83 -0.70 0.00	16.89 -0.54 0.00	18.36 -0.61 0.00	21.28 -1.07 0.00	25.49 -1.23 0.00	29.10 -1.43 0.00	30.10 -1.09 0.00	27.32 -0.93 0.00	23.52 -0.36 0.00	21.14 -0.08 0.00



BINGHAMTON___COGEN 23790	21.47 0.34 0.00	19.74 0.27 0.00	18.74 0.33 0.00	18.38 0.32 0.00	18.87 0.33 0.00	20.04 0.34 0.00	23.56 0.30 0.00	25.87 0.36 0.00	26.05 0.16 0.00	24.98 0.22 0.00	22.49 0.27 0.00	20.64 0.24 0.00	19.15 0.25 0.00	18.04 0.23 0.00	17.72 0.19 0.00	17.62 0.19 0.00	19.19 0.23 0.00	22.54 0.18 0.00	26.98 0.27 0.00	30.80 0.27 0.00	31.53 0.34 0.00	28.60 0.34 0.00	24.29 0.41 0.00	21.59 0.36 0.00
BIXINCNT_115KV_LOAD 355685	20.73 -0.40 0.00	19.04 -0.43 0.00	18.42 0.02 0.00	18.13 0.07 0.00	18.63 0.09 0.00	19.69 -0.02 0.00	22.80 -0.47 0.00	24.98 -0.54 0.00	24.76 -1.14 0.00	23.84 -0.92 0.00	21.38 -0.84 0.00	19.54 -0.86 0.00	18.09 -0.81 0.00	16.88 -0.93 0.00	16.39 -1.14 0.00	16.40 -1.03 0.00	17.87 -1.10 0.00	20.75 -1.61 0.00	25.01 -1.71 0.00	28.76 -1.77 0.00	30.01 -1.19 0.00	27.30 -0.96 0.00	23.55 -0.33 0.00	21.16 -0.06 0.00
BLACK RIVER___HYD 24047	20.64 -0.49 0.00	18.96 -0.51 0.00	17.95 -0.46 0.00	17.59 -0.47 0.00	18.06 -0.48 0.00	19.22 -0.49 0.00	22.73 -0.53 0.00	24.85 -0.66 0.00	25.07 -0.83 0.00	23.89 -0.87 0.00	21.27 -0.95 0.00	17.19 -1.00 2.20	15.43 -0.93 2.56	14.59 -0.89 2.32	13.95 -0.93 2.66	14.02 -0.96 2.45	15.94 -0.99 2.04	18.99 -0.96 2.41	23.46 -0.86 2.39	29.89 -0.64 0.00	30.91 -0.28 0.00	28.03 -0.23 0.00	23.55 -0.33 0.00	20.87 -0.36 0.00
BLACKRVR_115KV_TB2 79977	20.64 -0.49 0.00	18.96 -0.51 0.00	17.95 -0.46 0.00	17.59 -0.47 0.00	18.06 -0.48 0.00	19.22 -0.49 0.00	22.73 -0.53 0.00	24.85 -0.66 0.00	25.04 -0.85 0.00	23.89 -0.87 0.00	21.26 -0.96 0.00	17.19 -1.00 2.20	15.43 -0.93 2.56	14.59 -0.89 2.32	13.95 -0.93 2.66	14.02 -0.96 2.45	15.94 -0.99 2.04	18.99 -0.96 2.41	23.47 -0.85 2.39	29.89 -0.64 0.00	30.91 -0.28 0.00	28.03 -0.23 0.00	23.55 -0.33 0.00	20.87 -0.36 0.00
BLISS_WT_PWR 323608	20.62 -0.51 0.00	18.96 -0.51 0.00	18.37 -0.04 0.00	18.09 0.04 0.00	18.59 0.06 0.00	19.65 -0.06 0.00	22.73 -0.53 0.00	25.00 -0.51 0.00	25.09 -0.80 0.00	23.79 -0.97 0.00	21.24 -0.98 0.00	19.37 -1.02 0.00	17.92 -0.98 0.00	16.70 -1.10 0.00	16.39 -1.14 0.00	16.21 -1.22 0.00	17.68 -1.29 0.00	20.50 -1.86 0.00	24.79 -1.92 0.00	28.55 -1.98 0.00	29.82 -1.37 0.00	27.21 -1.04 0.00	23.57 -0.31 0.00	21.12 -0.11 0.00
BLUESTONE___WT_PWR 323821	22.50 1.37 0.00	20.63 1.17 0.00	19.58 1.18 0.00	19.21 1.16 0.00	19.71 1.17 0.00	20.97 1.26 0.00	24.75 1.49 0.00	27.22 1.71 0.00	27.55 1.66 0.00	26.34 1.59 0.00	23.55 1.33 0.00	21.49 1.10 0.00	19.89 0.98 0.00	18.69 0.89 0.00	18.39 0.86 0.00	18.19 0.77 0.00	19.86 0.89 0.00	23.52 1.16 0.00	28.32 1.60 0.00	32.45 1.92 0.00	33.31 2.12 0.00	30.26 2.01 0.00	25.55 1.67 0.00	22.69 1.46 0.00
BLUE_CIRC_CHEM_DRP 24182	21.70 0.57 0.00	20.01 0.54 0.00	18.88 0.48 0.00	18.54 0.49 0.00	19.04 0.50 0.00	20.26 0.55 0.00	23.91 0.65 0.00	26.18 0.66 0.00	26.65 0.75 0.00	25.40 0.64 0.00	22.78 0.56 0.00	20.86 0.47 0.00	19.30 0.40 0.00	18.16 0.36 0.00	17.92 0.39 0.00	17.85 0.42 0.00	19.44 0.47 0.00	23.00 0.65 0.00	27.46 0.75 0.00	31.42 0.89 0.00	32.03 0.84 0.00	29.02 0.76 0.00	24.58 0.69 0.00	21.84 0.62 0.00
BOC_GAS_DRP 24189	21.68 0.55 0.00	19.99 0.53 0.00	18.87 0.46 0.00	18.52 0.47 0.00	19.00 0.46 0.00	20.22 0.51 0.00	23.87 0.60 0.00	26.15 0.64 0.00	26.65 0.75 0.00	25.45 0.69 0.00	22.89 0.67 0.00	21.01 0.61 0.00	19.47 0.57 0.00	18.34 0.53 0.00	18.07 0.54 0.00	17.97 0.54 0.00	19.54 0.57 0.00	23.05 0.69 0.00	27.49 0.77 0.00	31.42 0.89 0.00	32.00 0.81 0.00	28.99 0.73 0.00	24.53 0.64 0.00	21.78 0.55 0.00
BOONVILLE_115KV_TB1 79983	21.38 0.25 0.00	19.66 0.19 0.00	18.61 0.20 0.00	18.25 0.20 0.00	18.72 0.19 0.00	19.91 0.20 0.00	23.54 0.28 0.00	25.74 0.23 0.00	26.05 0.16 0.00	24.91 0.15 0.00	22.24 0.02 0.00	19.53 -0.06 0.80	17.90 -0.08 0.93	16.86 -0.11 0.84	16.44 -0.12 0.96	16.38 -0.16 0.89	18.09 -0.13 0.74	21.44 -0.04 0.87	25.95 0.11 0.87	30.83 0.31 0.00	31.75 0.56 0.00	28.79 0.54 0.00	24.24 0.36 0.00	21.52 0.30 0.00
BORALEX_4TH_BRANCH 23824	22.02 0.89 0.00	20.38 0.91 0.00	19.14 0.74 0.00	18.83 0.78 0.00	19.41 0.87 0.00	20.68 0.97 0.00	24.33 1.07 0.00	26.64 1.12 0.00	27.14 1.24 0.00	25.97 1.21 0.00	23.35 1.13 0.00	21.41 1.02 0.00	19.83 0.93 0.00	18.69 0.89 0.00	18.42 0.89 0.00	18.34 0.91 0.00	19.91 0.95 0.00	23.59 1.23 0.00	28.10 1.39 0.00	32.06 1.53 0.00	32.53 1.34 0.00	29.64 1.38 0.00	24.89 1.00 0.00	22.05 0.83 0.00
BOWLINE___1 23526	22.55 1.42 0.00	20.73 1.26 0.00	19.55 1.14 0.00	19.18 1.12 0.00	19.65 1.11 0.00	20.93 1.22 0.00	24.73 1.47 0.00	27.07 1.56 0.00	27.60 1.71 0.00	26.44 1.68 0.00	23.82 1.60 0.00	21.90 1.51 0.00	20.34 1.44 0.00	19.18 1.37 0.00	18.85 1.32 0.00	18.79 1.36 0.00	20.43 1.46 0.00	23.99 1.63 0.00	28.64 1.92 0.00	32.67 2.14 0.00	33.25 2.06 0.00	30.01 1.75 0.00	25.32 1.43 0.00	22.50 1.27 0.00
BOWLINE___2 23595	22.55 1.42 0.00	20.73 1.26 0.00	19.55 1.14 0.00	19.18 1.12 0.00	19.65 1.11 0.00	20.93 1.22 0.00	24.73 1.47 0.00	27.10 1.58 0.00	27.60 1.71 0.00	26.44 1.68 0.00	23.82 1.60 0.00	21.90 1.51 0.00	20.34 1.44 0.00	19.18 1.37 0.00	18.85 1.32 0.00	18.79 1.36 0.00	20.43 1.46 0.00	23.99 1.63 0.00	28.64 1.92 0.00	32.67 2.14 0.00	33.25 2.06 0.00	30.01 1.75 0.00	25.32 1.43 0.00	22.50 1.27 0.00
BRADY___115KV_TB2 356060	20.35 -0.78 0.00	18.82 -0.64 0.00	17.80 -0.61 0.00	17.44 -0.61 0.00	17.94 -0.59 0.00	19.04 -0.67 0.00	22.59 -0.67 0.00	24.77 -0.74 0.00	25.09 -0.80 0.00	23.92 -0.84 0.00	21.31 -0.91 0.00	9.08 -0.84 10.48	5.95 -0.79 12.17	6.01 -0.75 11.05	4.15 -0.74 12.64	5.04 -0.75 11.64	8.46 -0.78 9.73	10.07 -0.83 11.45	14.38 -0.94 11.40	29.48 -1.04 0.01	30.25 -0.94 0.00	27.44 -0.82 0.00	23.10 -0.79 0.00	20.55 -0.68 0.00
BRANSCOMB___SOLAR 323811	21.95 0.82 0.00	20.20 0.74 0.00	19.03 0.63 0.00	18.69 0.63 0.00	19.22 0.69 0.00	20.46 0.75 0.00	24.14 0.88 0.00	26.41 0.89 0.00	26.93 1.04 0.00	25.75 0.99 0.00	23.02 0.80 0.00	21.11 0.71 0.00	19.53 0.62 0.00	18.32 0.52 0.00	18.04 0.51 0.00	17.99 0.56 0.00	19.59 0.62 0.00	23.23 0.87 0.00	27.81 1.10 0.00	31.87 1.34 0.00	32.47 1.28 0.00	29.44 1.19 0.00	24.79 0.91 0.00	22.01 0.79 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	26.27 2.28 -2.86	21.53 2.04 -0.02	20.30 1.90 0.00	19.90 1.84 0.00	20.37 1.84 0.00	22.40 2.03 -0.66	25.70 2.42 -0.02	28.14 2.63 0.00	28.78 2.87 -0.01	27.36 2.60 0.00	24.73 2.49 -0.02	22.76 2.35 -0.02	21.01 2.10 0.00	19.71 1.91 0.00	19.48 1.95 0.00	19.45 2.02 0.00	21.23 2.24 -0.02	25.27 2.57 -0.34	29.55 2.83 0.00	33.80 3.27 0.00	34.44 3.24 0.00	31.11 2.85 0.00	26.27 2.39 0.00	24.15 2.14 -0.78



BRISTLHL_115KV_TB1 79998	20.88 -0.25 0.00	19.19 -0.27 0.00	18.19 -0.22 0.00	17.82 -0.23 0.00	18.32 -0.22 0.00	19.45 -0.26 0.00	22.94 -0.33 0.00	25.18 -0.33 0.00	25.45 -0.44 0.00	24.39 -0.37 0.00	21.91 -0.31 0.00	20.07 -0.33 0.00	18.62 -0.28 0.00	17.52 -0.28 0.00	17.23 -0.30 0.00	17.13 -0.30 0.00	18.66 -0.30 0.00	21.98 -0.38 0.00	26.31 -0.40 0.00	30.10 -0.43 0.00	30.82 -0.37 0.00	27.92 -0.34 0.00	23.67 -0.21 0.00	21.01 -0.21 0.00
BROOKHAVEN___DRP 24191	26.38 2.39 -2.86	21.64 2.16 -0.02	20.39 1.99 0.00	19.99 1.93 0.00	20.45 1.91 0.00	22.64 2.25 -0.68	25.96 2.67 -0.02	28.37 2.86 0.00	28.93 3.03 -0.01	27.46 2.70 0.00	24.82 2.58 -0.02	22.82 2.41 -0.02	21.02 2.12 0.00	19.73 1.92 0.00	19.51 1.98 0.00	19.56 2.13 0.00	21.28 2.29 -0.02	25.38 2.68 -0.34	29.75 3.02 -0.01	34.02 3.48 -0.01	34.63 3.43 -0.01	31.32 3.05 -0.01	26.39 2.51 0.00	24.28 2.27 -0.78
BROOKLYN_NAVY_YARD 23515	22.84 1.71 0.00	20.92 1.46 0.00	19.71 1.31 0.00	19.32 1.26 0.00	19.74 1.20 0.00	21.07 1.36 0.00	24.91 1.65 0.00	27.35 1.84 0.00	27.94 2.05 0.00	26.74 1.98 0.00	24.15 1.93 0.00	22.21 1.81 0.00	21.12 1.70 -0.51	19.87 1.62 -0.45	19.11 1.56 -0.02	19.07 1.62 -0.02	20.73 1.74 -0.02	24.32 1.97 0.00	29.04 2.32 0.00	33.12 2.59 0.00	33.75 2.56 0.00	30.35 2.09 0.00	25.63 1.74 0.00	22.80 1.57 0.00
BROOKLYN___ARMY_DRP 323595	22.99 1.86 0.00	21.00 1.54 0.00	19.77 1.36 0.00	19.37 1.32 0.00	19.80 1.26 0.00	21.07 1.36 0.00	24.94 1.67 0.00	27.40 1.89 0.00	28.10 2.20 0.00	26.79 2.03 0.00	24.20 1.98 0.00	22.31 1.92 0.00	21.20 1.78 -0.52	19.95 1.69 -0.45	19.21 1.67 -0.02	19.15 1.71 -0.02	20.82 1.84 -0.02	24.37 2.01 0.00	29.15 2.43 0.00	33.31 2.78 0.00	33.90 2.71 0.00	30.43 2.18 0.00	25.77 1.89 0.00	22.90 1.68 0.00
BROOKVLE_69_KV_TB1 55790	25.89 1.90 -2.86	21.17 1.69 -0.02	19.97 1.56 0.00	19.57 1.52 0.00	20.04 1.50 0.00	21.76 1.62 -0.43	25.23 1.95 -0.02	27.66 2.14 0.00	28.31 2.41 0.00	27.01 2.25 0.00	24.37 2.13 0.00	22.45 2.04 0.00	20.78 1.87 0.00	19.53 1.73 0.00	19.25 1.72 0.00	19.21 1.78 0.00	20.92 1.93 -0.02	24.86 2.17 -0.34	29.20 2.48 0.00	33.37 2.84 0.00	33.97 2.78 0.00	30.69 2.43 0.00	25.89 2.01 0.00	23.76 1.76 -0.77
BROOME_2_LFGE 323671	21.47 0.34 0.00	19.74 0.27 0.00	18.74 0.33 0.00	18.38 0.33 0.00	18.87 0.33 0.00	20.04 0.33 0.00	23.56 0.30 0.00	25.87 0.36 0.00	26.13 0.23 0.00	24.98 0.22 0.00	22.49 0.27 0.00	20.64 0.25 0.00	19.15 0.25 0.00	18.04 0.23 0.00	17.76 0.23 0.00	17.62 0.19 0.00	19.20 0.23 0.00	22.53 0.18 0.00	26.98 0.27 0.00	30.80 0.27 0.00	31.53 0.34 0.00	28.60 0.34 0.00	24.31 0.43 0.00	21.59 0.36 0.00
BROOME___LFGE 323600	21.47 0.34 0.00	19.74 0.27 0.00	18.74 0.33 0.00	18.38 0.33 0.00	18.87 0.33 0.00	20.04 0.33 0.00	23.56 0.30 0.00	25.87 0.36 0.00	26.13 0.23 0.00	24.98 0.22 0.00	22.49 0.27 0.00	20.64 0.25 0.00	19.15 0.25 0.00	18.04 0.23 0.00	17.76 0.23 0.00	17.62 0.19 0.00	19.20 0.23 0.00	22.53 0.18 0.00	26.98 0.27 0.00	30.80 0.27 0.00	31.53 0.34 0.00	28.60 0.34 0.00	24.31 0.43 0.00	21.59 0.36 0.00
BROWNFLS_115KV_TB_3_5 80003	20.03 -1.10 0.00	18.45 -1.01 0.00	17.47 -0.94 0.00	17.12 -0.94 0.00	17.59 -0.95 0.00	18.70 -1.01 0.00	22.14 -1.12 0.00	24.21 -1.30 0.00	24.47 -1.42 0.00	23.32 -1.44 0.00	20.73 -1.49 0.00	12.90 -1.41 6.08	10.50 -1.34 7.06	10.13 -1.26 6.41	8.93 -1.26 7.34	9.40 -1.27 6.76	11.97 -1.35 5.65	14.26 -1.45 6.65	18.55 -1.55 6.62	28.91 -1.62 0.00	29.85 -1.34 0.00	27.07 -1.19 0.00	22.76 -1.12 0.00	20.21 -1.02 0.00
BROWNSV1_27_KV_LOAD 356125	23.05 1.92 0.00	21.12 1.65 0.00	19.90 1.49 0.00	19.48 1.43 0.00	19.93 1.39 0.00	21.25 1.54 0.00	25.12 1.86 0.00	27.61 2.09 0.00	28.28 2.38 0.00	26.96 2.20 0.00	24.35 2.13 0.00	22.43 2.04 0.00	21.33 1.91 -0.51	20.08 1.83 -0.45	19.32 1.77 -0.02	19.26 1.81 -0.02	20.92 1.93 -0.02	24.52 2.17 0.00	29.31 2.59 0.00	33.46 2.93 0.00	34.06 2.87 0.00	30.63 2.37 0.00	25.89 2.01 0.00	23.01 1.78 0.00
BURROWS___LYONSDAL 23803	21.23 0.11 0.00	19.52 0.06 0.00	18.48 0.07 0.00	18.13 0.07 0.00	18.59 0.06 0.00	19.79 0.08 0.00	23.38 0.12 0.00	25.54 0.03 0.00	25.82 -0.08 0.00	24.66 -0.10 0.00	22.00 -0.22 0.00	18.82 -0.31 1.27	17.13 -0.30 1.47	16.16 -0.30 1.34	15.67 -0.33 1.53	15.65 -0.37 1.41	17.45 -0.34 1.18	20.68 -0.29 1.39	25.20 -0.13 1.38	30.59 0.06 0.00	31.56 0.37 0.00	28.62 0.37 0.00	24.10 0.21 0.00	21.40 0.17 0.00
CAITHNESS_CC_1 323624	26.33 2.35 -2.86	21.61 2.12 -0.02	20.36 1.95 -0.01	19.96 1.90 -0.01	20.42 1.87 -0.01	22.56 2.17 -0.68	25.89 2.60 -0.02	28.14 2.63 0.00	28.42 2.51 -0.02	27.41 2.65 0.00	24.77 2.53 -0.02	22.80 2.38 -0.02	21.01 2.10 0.00	19.71 1.91 0.00	19.46 1.93 0.00	19.52 2.09 0.00	21.26 2.27 -0.02	25.34 2.64 -0.34	29.67 2.94 -0.01	33.93 3.39 -0.01	34.57 3.37 -0.01	31.24 2.97 -0.01	26.18 2.29 0.00	24.23 2.23 -0.78
CALPINE BETH_PAGE_GT4 24209	25.95 1.97 -2.86	21.25 1.77 -0.02	20.04 1.64 0.00	19.66 1.61 0.00	20.13 1.59 0.00	22.00 1.71 -0.58	25.35 2.07 -0.02	27.78 2.27 0.00	28.44 2.54 0.00	27.08 2.33 0.00	24.44 2.20 -0.02	22.51 2.10 -0.02	20.82 1.91 0.00	19.57 1.76 0.00	19.30 1.77 0.00	19.26 1.83 0.00	21.00 2.01 -0.02	24.95 2.26 -0.34	29.23 2.51 0.00	33.43 2.90 0.00	34.03 2.84 0.00	30.77 2.51 0.00	25.98 2.10 0.00	23.85 1.85 -0.78
CALPINE_BETH_PAGE_GT_4 323586	25.95 1.97 -2.86	21.25 1.77 -0.02	20.05 1.64 -0.01	19.67 1.61 -0.01	20.14 1.59 -0.01	22.00 1.71 -0.58	25.35 2.07 -0.02	27.68 2.17 0.00	28.08 2.18 -0.01	27.08 2.33 0.00	24.44 2.20 -0.02	22.51 2.10 -0.02	20.82 1.91 0.00	19.57 1.76 0.00	19.27 1.74 0.00	19.26 1.83 0.00	20.99 2.01 -0.02	24.95 2.26 -0.34	29.23 2.51 0.00	33.43 2.90 0.00	34.06 2.87 0.00	30.77 2.51 0.00	25.82 1.93 0.00	23.85 1.85 -0.78
CALPINE_BP_GT1 23823	25.95 1.97 -2.86	21.25 1.77 -0.02	20.05 1.64 -0.01	19.67 1.61 -0.01	20.14 1.59 -0.01	22.00 1.71 -0.58	25.35 2.07 -0.02	27.68 2.17 0.00	28.08 2.18 -0.01	27.08 2.33 0.00	24.44 2.20 -0.02	22.51 2.10 -0.02	20.82 1.91 0.00	19.57 1.76 0.00	19.27 1.74 0.00	19.26 1.83 0.00	20.99 2.01 -0.02	24.95 2.26 -0.34	29.23 2.51 0.00	33.43 2.90 0.00	34.06 2.87 0.00	30.77 2.51 0.00	25.82 1.93 0.00	23.85 1.85 -0.78
CALSPAN___DRP 24200	20.83 -0.30 0.00	19.11 -0.35 0.00	18.37 -0.04 0.00	18.00 -0.05 0.00	18.46 -0.07 0.00	19.47 -0.24 0.00	22.66 -0.60 0.00	24.67 -0.84 0.00	24.37 -1.53 0.00	23.67 -1.09 0.00	21.46 -0.76 0.00	19.76 -0.63 0.00	18.42 -0.49 0.00	17.31 -0.50 0.00	16.83 -0.70 0.00	16.89 -0.54 0.00	18.36 -0.61 0.00	21.28 -1.07 0.00	25.49 -1.23 0.00	29.06 -1.47 0.00	30.04 -1.15 0.00	27.27 -0.99 0.00	23.50 -0.38 0.00	21.10 -0.13 0.00



CALVERTON___SOLAR 323806	26.44 2.45 -2.86	21.70 2.22 -0.02	20.46 2.04 -0.01	20.05 1.99 -0.01	20.51 1.96 -0.01	22.69 2.30 -0.68	26.05 2.77 -0.02	28.29 2.78 0.00	28.52 2.61 -0.02	27.50 2.75 0.00	24.86 2.62 -0.02	22.88 2.47 -0.02	21.06 2.15 0.00	19.76 1.96 0.00	19.51 1.98 0.00	19.61 2.18 0.00	21.34 2.35 -0.02	25.45 2.75 -0.34	29.83 3.10 -0.01	34.11 3.57 -0.01	34.76 3.55 -0.01	31.43 3.16 -0.01	26.29 2.41 0.00	24.34 2.33 -0.78
CANDIGU_WT_PWR 323617	21.17 0.04 0.00	19.44 -0.02 0.00	18.61 0.20 0.00	18.24 0.18 0.00	18.74 0.20 0.00	19.85 0.14 0.00	23.21 -0.05 0.00	25.46 -0.05 0.00	25.56 -0.34 0.00	24.36 -0.40 0.00	21.91 -0.31 0.00	20.13 -0.27 0.00	18.70 -0.21 0.00	17.56 -0.25 0.00	17.29 -0.25 0.00	17.13 -0.30 0.00	18.64 -0.32 0.00	21.80 -0.56 0.00	26.15 -0.56 0.00	29.89 -0.64 0.00	30.78 -0.41 0.00	27.97 -0.28 0.00	24.03 0.14 0.00	21.40 0.17 0.00
CARR STREET_E_SYR 24060	21.11 -0.02 0.00	19.41 -0.06 0.00	18.39 -0.02 0.00	18.02 -0.04 0.00	18.50 -0.04 0.00	19.67 -0.04 0.00	23.17 -0.09 0.00	25.46 -0.05 0.00	25.77 -0.13 0.00	24.63 -0.12 0.00	22.13 -0.09 0.00	20.31 -0.08 0.00	18.83 -0.08 0.00	17.73 -0.07 0.00	17.46 -0.07 0.00	17.34 -0.09 0.00	18.87 -0.09 0.00	22.22 -0.13 0.00	26.58 -0.13 0.00	30.41 -0.12 0.00	31.13 -0.06 0.00	28.20 -0.06 0.00	23.93 0.05 0.00	21.25 0.02 0.00
CARTHAGE___PAPER 23857	20.56 -0.57 0.00	18.90 -0.57 0.00	17.87 -0.53 0.00	17.53 -0.52 0.00	18.00 -0.54 0.00	19.14 -0.57 0.00	22.66 -0.60 0.00	24.75 -0.76 0.00	24.94 -0.96 0.00	23.74 -1.02 0.00	21.11 -1.11 0.00	16.69 -1.12 2.59	14.87 -1.04 3.00	14.07 -1.01 2.72	13.38 -1.03 3.12	13.51 -1.05 2.87	15.49 -1.08 2.40	18.44 -1.09 2.82	22.89 -1.02 2.81	29.67 -0.85 0.00	30.72 -0.47 0.00	27.86 -0.40 0.00	23.38 -0.50 0.00	20.72 -0.51 0.00
CASSADAGA_WT_PWR 323784	21.00 -0.13 0.00	19.31 -0.16 0.00	18.66 0.26 0.00	18.29 0.23 0.00	18.80 0.26 0.00	19.89 0.18 0.00	23.15 -0.12 0.00	25.39 -0.13 0.00	25.35 -0.55 0.00	24.14 -0.62 0.00	21.71 -0.51 0.00	19.82 -0.57 0.00	18.40 -0.51 0.00	17.23 -0.57 0.00	16.88 -0.65 0.00	16.73 -0.70 0.00	18.23 -0.74 0.00	21.19 -1.16 0.00	25.51 -1.20 0.00	29.28 -1.25 0.00	30.47 -0.72 0.00	27.83 -0.42 0.00	24.12 0.24 0.00	21.52 0.30 0.00
CE_DUNWOOD___DRP 24194	22.69 1.56 0.00	20.85 1.38 0.00	19.66 1.25 0.00	19.26 1.21 0.00	19.74 1.20 0.00	21.03 1.32 0.00	24.87 1.60 0.00	27.27 1.76 0.00	27.89 1.99 0.00	26.61 1.86 0.00	24.00 1.78 0.00	22.09 1.69 0.00	20.50 1.59 0.00	19.32 1.51 0.00	19.02 1.49 0.00	18.95 1.52 0.00	20.58 1.61 0.00	24.19 1.83 0.00	28.85 2.14 0.00	32.94 2.41 0.00	33.53 2.34 0.00	30.23 1.98 0.00	25.51 1.62 0.00	22.67 1.44 0.00
CE_MILLWOOD___DRP 24193	22.65 1.52 0.00	20.83 1.36 0.00	19.62 1.21 0.00	19.25 1.19 0.00	19.72 1.19 0.00	21.01 1.30 0.00	24.82 1.56 0.00	27.22 1.71 0.00	27.84 1.94 0.00	26.56 1.81 0.00	23.95 1.73 0.00	22.03 1.63 0.00	20.44 1.53 0.00	19.28 1.48 0.00	18.99 1.46 0.00	18.91 1.48 0.00	20.54 1.57 0.00	24.14 1.79 0.00	28.80 2.08 0.00	32.85 2.32 0.00	33.44 2.25 0.00	30.18 1.92 0.00	25.46 1.58 0.00	22.63 1.40 0.00
CE_NYC2_DRP 24202	22.93 1.80 0.00	20.98 1.52 0.00	19.77 1.36 0.00	19.37 1.32 0.00	19.80 1.26 0.00	21.09 1.38 0.00	24.98 1.72 0.00	27.45 1.94 0.00	28.12 2.23 0.00	26.81 2.05 0.00	24.20 1.98 0.00	22.29 1.90 0.00	21.18 1.76 -0.52	19.95 1.69 -0.45	19.19 1.65 -0.02	19.14 1.69 -0.02	20.80 1.82 -0.02	24.37 2.01 0.00	29.12 2.40 0.00	33.28 2.75 0.00	33.84 2.65 0.00	30.43 2.18 0.00	25.72 1.84 0.00	22.86 1.63 0.00
CE_NYC_DRP 24195	22.90 1.77 0.00	20.98 1.52 0.00	19.77 1.36 0.00	19.37 1.32 0.00	19.82 1.28 0.00	21.13 1.42 0.00	24.98 1.72 0.00	27.43 1.91 0.00	28.10 2.20 0.00	26.79 2.03 0.00	24.20 1.98 0.00	22.27 1.88 0.00	21.19 1.78 -0.51	19.94 1.69 -0.44	19.19 1.65 -0.02	19.14 1.69 -0.02	20.78 1.80 -0.02	24.37 2.01 0.00	29.09 2.38 0.00	33.22 2.69 0.00	33.81 2.62 0.00	30.43 2.18 0.00	25.70 1.82 0.00	22.84 1.61 0.00
CHAFFEE___LFGE 323603	20.85 -0.28 0.00	19.13 -0.33 0.00	18.41 0.00 0.00	18.02 -0.04 0.00	18.50 -0.04 0.00	19.51 -0.20 0.00	22.70 -0.56 0.00	24.83 -0.69 0.00	24.86 -1.04 0.00	23.74 -1.02 0.00	21.55 -0.67 0.00	19.84 -0.55 0.00	18.47 -0.43 0.00	17.38 -0.43 0.00	17.11 -0.42 0.00	16.94 -0.49 0.00	18.42 -0.55 0.00	21.35 -1.01 0.00	25.54 -1.17 0.00	29.16 -1.37 0.00	30.10 -1.09 0.00	27.35 -0.91 0.00	23.64 -0.24 0.00	21.14 -0.08 0.00
CHATEAUG_35_KV_LOAD 355732	19.99 -1.14 0.00	18.63 -0.84 0.00	17.69 -0.72 0.00	17.31 -0.74 0.00	17.76 -0.78 0.00	18.78 -0.93 0.00	22.24 -1.02 0.00	24.54 -0.97 0.00	24.86 -1.04 0.00	23.54 -1.21 0.00	20.78 -1.44 0.00	7.78 -1.41 11.20	4.58 -1.32 13.00	4.79 -1.21 11.80	2.81 -1.21 13.51	3.84 -1.15 12.44	7.41 -1.16 10.40	8.93 -1.18 12.24	13.22 -1.31 12.18	29.06 -1.47 0.01	29.85 -1.34 0.00	27.07 -1.19 0.00	22.64 -1.24 0.00	20.12 -1.10 0.00
CHATEAUG_WT_PWR 323614	19.90 -1.23 0.00	18.57 -0.90 0.00	17.65 -0.76 0.00	17.28 -0.78 0.00	17.70 -0.83 0.00	18.70 -1.00 0.00	22.14 -1.12 0.00	24.44 -1.07 0.00	24.73 -1.16 0.00	23.42 -1.34 0.00	20.62 -1.60 0.00	7.43 -1.55 11.41	4.20 -1.46 13.25	4.44 -1.34 12.03	2.42 -1.35 13.77	3.50 -1.26 12.68	7.10 -1.27 10.59	8.59 -1.30 12.47	12.88 -1.42 12.41	28.97 -1.56 0.01	29.76 -1.43 0.00	26.99 -1.27 0.00	22.55 -1.34 0.00	20.04 -1.19 0.00
CHAT_HIGH_FALL_HYD 323578	19.99 -1.14 0.00	18.63 -0.84 0.00	17.69 -0.72 0.00	17.31 -0.74 0.00	17.76 -0.78 0.00	18.78 -0.93 0.00	22.24 -1.02 0.00	24.54 -0.97 0.00	24.86 -1.04 0.00	23.54 -1.21 0.00	20.78 -1.44 0.00	7.78 -1.41 11.20	4.58 -1.32 13.00	4.79 -1.21 11.80	2.81 -1.21 13.51	3.84 -1.15 12.44	7.41 -1.16 10.40	8.93 -1.18 12.24	13.22 -1.31 12.18	29.06 -1.47 0.01	29.85 -1.34 0.00	27.07 -1.19 0.00	22.64 -1.24 0.00	20.12 -1.10 0.00
CHAUTAUQUA___LFGE 323629	21.02 -0.11 0.00	19.31 -0.16 0.00	18.61 0.20 0.00	18.24 0.18 0.00	18.72 0.19 0.00	19.79 0.08 0.00	23.01 -0.26 0.00	25.21 -0.31 0.00	25.22 -0.67 0.00	24.06 -0.69 0.00	21.75 -0.47 0.00	19.95 -0.45 0.00	18.55 -0.36 0.00	17.41 -0.39 0.00	17.11 -0.42 0.00	16.96 -0.47 0.00	18.44 -0.53 0.00	21.42 -0.94 0.00	25.70 -1.02 0.00	29.37 -1.16 0.00	30.44 -0.75 0.00	27.72 -0.54 0.00	23.98 0.10 0.00	21.40 0.17 0.00
CHERRYST_13_KV_LD 356241	22.95 1.82 0.00	21.04 1.58 0.00	19.82 1.42 0.00	19.43 1.37 0.00	19.85 1.32 0.00	21.17 1.46 0.00	25.05 1.79 0.00	27.50 1.99 0.00	28.17 2.28 0.00	26.86 2.10 0.00	24.26 2.04 0.00	22.33 1.94 0.00	21.23 1.82 -0.51	19.99 1.74 -0.44	19.25 1.70 -0.02	19.17 1.73 -0.02	20.84 1.86 -0.02	24.44 2.08 0.00	29.17 2.46 0.00	33.31 2.78 0.00	33.90 2.71 0.00	30.49 2.23 0.00	25.77 1.89 0.00	22.90 1.68 0.00



CHESTROR_138KV_BK263 355645	22.42 1.29 0.00	20.61 1.15 0.00	19.46 1.05 0.00	19.08 1.03 0.00	19.56 1.02 0.00	20.83 1.12 0.00	24.61 1.35 0.00	26.94 1.43 0.00	27.50 1.61 0.00	26.27 1.51 0.00	23.64 1.42 0.00	21.74 1.35 0.00	20.17 1.27 0.00	19.01 1.21 0.00	18.72 1.19 0.00	18.63 1.20 0.00	20.26 1.29 0.00	23.83 1.48 0.00	28.43 1.71 0.00	32.45 1.92 0.00	33.06 1.87 0.00	29.87 1.61 0.00	25.22 1.34 0.00	22.39 1.17 0.00
CH_MIDHUDSON___DRP 24192	22.80 1.67 0.00	20.94 1.48 0.00	19.77 1.36 0.00	19.37 1.32 0.00	19.85 1.32 0.00	21.13 1.42 0.00	25.01 1.74 0.00	27.35 1.84 0.00	27.91 2.02 0.00	26.69 1.93 0.00	24.00 1.78 0.00	22.05 1.65 0.00	20.40 1.49 0.00	19.26 1.46 0.00	18.97 1.44 0.00	18.88 1.45 0.00	20.54 1.57 0.00	24.17 1.81 0.00	28.88 2.16 0.00	33.00 2.47 0.00	33.62 2.43 0.00	30.43 2.18 0.00	25.67 1.79 0.00	22.75 1.53 0.00
CH_MISC_IPPS 23765	22.80 1.67 0.00	20.94 1.48 0.00	19.77 1.36 0.00	19.36 1.30 0.00	19.85 1.32 0.00	21.11 1.40 0.00	25.01 1.75 0.00	27.32 1.81 0.00	27.84 1.94 0.00	26.69 1.93 0.00	23.97 1.75 0.00	22.05 1.65 0.00	20.40 1.49 0.00	19.26 1.46 0.00	18.93 1.40 0.00	18.87 1.45 0.00	20.54 1.57 0.00	24.17 1.81 0.00	28.88 2.16 0.00	32.97 2.44 0.00	33.62 2.43 0.00	30.40 2.15 0.00	25.63 1.74 0.00	22.73 1.51 0.00
CH_RES_BVR_FALLS 23983	20.45 -0.68 0.00	18.92 -0.54 0.00	17.91 -0.50 0.00	17.59 -0.47 0.00	18.08 -0.46 0.00	19.22 -0.49 0.00	22.73 -0.53 0.00	24.93 -0.59 0.00	25.30 -0.59 0.00	24.09 -0.67 0.00	21.46 -0.76 0.00	1.83 -0.73 17.83	-2.47 -0.68 20.70	-1.63 -0.64 18.79	-4.62 -0.65 21.51	-3.02 -0.64 19.81	1.71 -0.70 16.55	2.04 -0.83 19.49	6.33 -0.99 19.39	29.42 -1.10 0.01	30.13 -1.06 0.00	27.33 -0.93 0.00	23.05 -0.84 0.00	20.53 -0.70 0.00
CH_RES_NIAGARA 23895	20.09 -1.04 0.00	18.43 -1.03 0.00	17.76 -0.64 0.00	17.33 -0.72 0.00	17.78 -0.76 0.00	18.72 -0.99 0.00	21.75 -1.51 0.00	23.60 -1.91 0.00	23.25 -2.64 0.00	22.65 -2.10 0.00	20.60 -1.62 0.00	19.05 -1.35 0.00	17.75 -1.15 0.00	16.68 -1.12 0.00	16.23 -1.30 0.00	16.33 -1.10 0.00	17.75 -1.21 0.00	20.55 -1.81 0.00	24.55 -2.16 0.00	27.93 -2.60 0.00	28.85 -2.34 0.00	26.17 -2.09 0.00	22.57 -1.31 0.00	20.36 -0.87 0.00
CH_RES_SYRACUSE 23985	21.21 0.08 0.00	19.48 0.02 0.00	18.46 0.06 0.00	18.11 0.05 0.00	18.59 0.06 0.00	19.75 0.04 0.00	23.28 0.02 0.00	25.59 0.08 0.00	25.89 0.00 0.00	24.76 0.00 0.00	22.24 0.02 0.00	20.39 0.00 0.00	18.91 0.00 0.00	17.80 0.00 0.00	17.55 0.02 0.00	17.41 -0.02 0.00	18.97 0.00 0.00	22.33 -0.02 0.00	26.72 0.00 0.00	30.56 0.03 0.00	31.28 0.09 0.00	28.34 0.09 0.00	24.05 0.17 0.00	21.35 0.13 0.00
CLINTON_WT_PWR 323605	19.90 -1.23 0.00	18.57 -0.90 0.00	17.65 -0.76 0.00	17.28 -0.78 0.00	17.70 -0.83 0.00	18.70 -1.00 0.00	22.14 -1.12 0.00	24.44 -1.07 0.00	24.73 -1.16 0.00	23.42 -1.34 0.00	20.62 -1.60 0.00	7.43 -1.55 11.41	4.20 -1.46 13.25	4.44 -1.34 12.03	2.42 -1.35 13.77	3.50 -1.26 12.68	7.10 -1.27 10.59	8.59 -1.30 12.47	12.88 -1.42 12.41	28.97 -1.56 0.01	29.76 -1.43 0.00	26.99 -1.27 0.00	22.55 -1.34 0.00	20.04 -1.19 0.00
CLINTON___LFGE 323618	19.95 -1.18 0.00	18.68 -0.78 0.00	17.78 -0.63 0.00	17.41 -0.65 0.00	17.85 -0.69 0.00	18.84 -0.87 0.00	22.35 -0.91 0.00	24.72 -0.79 0.00	24.96 -0.93 0.00	23.62 -1.14 0.00	20.71 -1.51 0.00	7.58 -1.47 11.34	4.34 -1.40 13.17	4.57 -1.28 11.95	2.54 -1.32 13.68	3.61 -1.22 12.60	7.23 -1.21 10.53	8.80 -1.16 12.40	13.12 -1.26 12.34	29.09 -1.43 0.01	29.94 -1.25 0.00	27.18 -1.07 0.00	22.67 -1.22 0.00	20.14 -1.08 0.00
COBBLENY_34_KV_TB1 80064	20.85 -0.27 0.00	19.13 -0.33 0.00	18.41 0.00 0.00	18.02 -0.04 0.00	18.50 -0.04 0.00	19.51 -0.20 0.00	22.70 -0.56 0.00	24.75 -0.77 0.00	24.44 -1.45 0.00	23.74 -1.02 0.00	21.55 -0.67 0.00	19.84 -0.55 0.00	18.47 -0.43 0.00	17.38 -0.43 0.00	16.88 -0.65 0.00	16.94 -0.49 0.00	18.42 -0.55 0.00	21.35 -1.01 0.00	25.54 -1.18 0.00	29.16 -1.37 0.00	30.13 -1.06 0.00	27.35 -0.90 0.00	23.55 -0.33 0.00	21.14 -0.08 0.00
COFFEEN___115KV_TB3 355620	20.77 -0.36 0.00	19.05 -0.41 0.00	18.04 -0.37 0.00	17.69 -0.36 0.00	18.15 -0.39 0.00	19.32 -0.39 0.00	22.84 -0.42 0.00	25.00 -0.51 0.00	25.20 -0.70 0.00	24.01 -0.74 0.00	21.35 -0.87 0.00	17.34 -0.92 2.13	15.58 -0.85 2.48	14.72 -0.84 2.25	14.06 -0.89 2.57	14.15 -0.91 2.37	16.08 -0.91 1.98	19.15 -0.87 2.33	23.70 -0.69 2.32	30.10 -0.43 0.00	31.16 -0.03 0.00	28.26 0.00 0.00	23.69 -0.19 0.00	21.01 -0.21 0.00
COLDSPRG_115KV_BK1 355956	21.34 0.21 0.00	19.60 0.14 0.00	18.90 0.50 0.00	18.51 0.45 0.00	19.04 0.50 0.00	20.16 0.45 0.00	23.42 0.16 0.00	25.67 0.15 0.00	25.40 -0.49 0.00	24.58 -0.17 0.00	22.20 -0.02 0.00	20.33 -0.06 0.00	18.89 -0.02 0.00	17.73 -0.07 0.00	17.21 -0.32 0.00	17.22 -0.21 0.00	18.74 -0.23 0.00	21.73 -0.63 0.00	26.10 -0.61 0.00	29.86 -0.67 0.00	30.97 -0.22 0.00	28.17 -0.08 0.00	24.29 0.41 0.00	21.69 0.47 0.00
COLONIE_LFGE___ 323577	21.85 0.72 0.00	20.16 0.70 0.00	18.98 0.57 0.00	18.65 0.59 0.00	19.17 0.63 0.00	20.42 0.71 0.00	24.07 0.81 0.00	26.35 0.84 0.00	26.85 0.96 0.00	25.70 0.94 0.00	23.06 0.84 0.00	21.17 0.77 0.00	19.59 0.68 0.00	18.43 0.62 0.00	18.13 0.60 0.00	18.07 0.65 0.00	19.67 0.70 0.00	23.25 0.90 0.00	27.76 1.04 0.00	31.72 1.19 0.00	32.28 1.09 0.00	29.30 1.05 0.00	24.70 0.81 0.00	21.93 0.70 0.00
COOPERNY_115KV_TB1 80082	22.16 1.04 0.00	20.38 0.91 0.00	19.25 0.85 0.00	18.89 0.83 0.00	19.37 0.83 0.00	20.62 0.91 0.00	24.33 1.07 0.00	26.69 1.17 0.00	27.19 1.29 0.00	25.97 1.21 0.00	23.38 1.16 0.00	21.47 1.08 0.00	19.93 1.02 0.00	18.78 0.98 0.00	18.49 0.96 0.00	18.39 0.96 0.00	19.99 1.02 0.00	23.52 1.16 0.00	28.10 1.39 0.00	32.09 1.56 0.00	32.72 1.53 0.00	29.58 1.33 0.00	24.98 1.10 0.00	22.18 0.96 0.00
COPENHAGEN_WT_PWR 323753	20.66 -0.46 0.00	18.98 -0.49 0.00	17.96 -0.44 0.00	17.62 -0.43 0.00	18.08 -0.46 0.00	19.24 -0.47 0.00	22.75 -0.51 0.00	24.90 -0.61 0.00	25.12 -0.78 0.00	23.94 -0.82 0.00	21.33 -0.89 0.00	17.44 -0.94 2.01	15.72 -0.85 2.34	14.85 -0.84 2.12	14.24 -0.86 2.43	14.30 -0.89 2.24	16.19 -0.91 1.87	19.24 -0.92 2.20	23.72 -0.80 2.19	29.92 -0.61 0.00	30.91 -0.28 0.00	28.03 -0.23 0.00	23.55 -0.33 0.00	20.89 -0.34 0.00
CORNELL_____ 23752	21.70 0.57 0.00	19.91 0.45 0.00	18.90 0.50 0.00	18.54 0.49 0.00	19.04 0.50 0.00	20.22 0.51 0.00	23.84 0.58 0.00	26.20 0.69 0.00	26.36 0.47 0.00	25.25 0.50 0.00	22.66 0.44 0.00	20.74 0.35 0.00	19.23 0.32 0.00	18.09 0.28 0.00	17.79 0.26 0.00	17.71 0.28 0.00	19.29 0.32 0.00	22.71 0.36 0.00	27.28 0.56 0.00	31.20 0.67 0.00	31.97 0.78 0.00	28.99 0.73 0.00	24.60 0.72 0.00	21.86 0.64 0.00



CORONA__69_KV_TB1 355595	25.86 1.88 -2.85	21.17 1.69 -0.01	19.97 1.56 0.00	19.57 1.52 0.00	20.06 1.52 0.00	21.84 1.62 -0.51	25.23 1.95 -0.01	27.66 2.14 0.00	28.30 2.41 0.00	26.99 2.23 0.00	24.32 2.09 -0.01	22.43 2.02 -0.01	20.74 1.83 0.00	19.50 1.69 0.00	19.23 1.70 0.00	19.19 1.76 0.00	20.90 1.92 -0.01	24.84 2.15 -0.34	29.15 2.43 0.00	33.28 2.75 0.00	33.87 2.68 0.00	30.63 2.37 0.00	25.89 2.01 0.00	23.76 1.76 -0.77
CORTLAND__115KV_TB3 80093	21.68 0.55 0.00	19.91 0.45 0.00	18.87 0.46 0.00	18.49 0.43 0.00	18.98 0.44 0.00	20.18 0.47 0.00	23.84 0.58 0.00	26.20 0.69 0.00	26.46 0.57 0.00	25.30 0.54 0.00	22.71 0.49 0.00	20.78 0.39 0.00	19.25 0.34 0.00	18.11 0.30 0.00	17.81 0.28 0.00	17.69 0.26 0.00	19.29 0.32 0.00	22.78 0.42 0.00	27.33 0.61 0.00	31.32 0.79 0.00	32.06 0.87 0.00	29.08 0.82 0.00	24.60 0.72 0.00	21.82 0.59 0.00
COXSACKIE__GT 23611	22.31 1.18 0.00	20.51 1.05 0.00	19.38 0.97 0.00	18.99 0.94 0.00	19.50 0.96 0.00	20.73 1.02 0.00	24.61 1.35 0.00	26.81 1.30 0.00	27.24 1.35 0.00	25.97 1.21 0.00	23.15 0.93 0.00	21.17 0.77 0.00	19.49 0.59 0.00	18.34 0.53 0.00	18.06 0.53 0.00	17.99 0.56 0.00	19.69 0.72 0.00	23.43 1.07 0.00	28.05 1.34 0.00	32.27 1.74 0.00	32.90 1.71 0.00	29.90 1.64 0.00	25.36 1.48 0.00	22.44 1.21 0.00
CPV_VALLEY__CC1 323721	22.33 1.20 0.00	20.53 1.07 0.00	19.38 0.97 0.00	19.01 0.96 0.00	19.48 0.94 0.00	20.75 1.04 0.00	24.49 1.23 0.00	26.84 1.33 0.00	27.32 1.42 0.00	26.17 1.41 0.00	23.55 1.33 0.00	21.66 1.26 0.00	20.10 1.19 0.00	18.94 1.14 0.00	18.62 1.09 0.00	18.56 1.13 0.00	20.18 1.21 0.00	23.72 1.36 0.00	28.32 1.60 0.00	32.33 1.80 0.00	32.94 1.75 0.00	29.75 1.50 0.00	25.10 1.22 0.00	22.31 1.08 0.00
CPV_VALLEY__CC2 323722	22.33 1.20 0.00	20.53 1.07 0.00	19.38 0.97 0.00	19.01 0.96 0.00	19.48 0.94 0.00	20.75 1.04 0.00	24.49 1.23 0.00	26.84 1.33 0.00	27.32 1.42 0.00	26.17 1.41 0.00	23.55 1.33 0.00	21.66 1.26 0.00	20.10 1.19 0.00	18.94 1.14 0.00	18.62 1.09 0.00	18.56 1.13 0.00	20.18 1.21 0.00	23.72 1.36 0.00	28.32 1.60 0.00	32.33 1.80 0.00	32.94 1.75 0.00	29.75 1.50 0.00	25.10 1.22 0.00	22.31 1.08 0.00
CRESCENT__HYD 24018	21.85 0.72 0.00	20.16 0.70 0.00	18.98 0.57 0.00	18.65 0.59 0.00	19.17 0.63 0.00	20.42 0.71 0.00	24.07 0.81 0.00	26.35 0.84 0.00	26.85 0.96 0.00	25.70 0.94 0.00	23.06 0.84 0.00	21.17 0.77 0.00	19.59 0.68 0.00	18.43 0.62 0.00	18.13 0.60 0.00	18.07 0.65 0.00	19.67 0.70 0.00	23.25 0.90 0.00	27.76 1.04 0.00	31.72 1.19 0.00	32.28 1.09 0.00	29.30 1.05 0.00	24.70 0.81 0.00	21.93 0.70 0.00
CRICKET__VALLEY_CC1 323756	22.31 1.18 0.00	20.61 1.15 0.00	19.40 0.99 0.00	19.07 1.01 0.00	19.58 1.04 0.00	20.85 1.14 0.00	24.56 1.30 0.00	26.89 1.38 0.00	27.37 1.48 0.00	26.24 1.49 0.00	23.64 1.42 0.00	21.74 1.35 0.00	20.15 1.25 0.00	19.03 1.23 0.00	18.69 1.16 0.00	18.67 1.24 0.00	20.24 1.27 0.00	23.88 1.52 0.00	28.45 1.74 0.00	32.42 1.89 0.00	32.94 1.75 0.00	29.90 1.64 0.00	25.10 1.22 0.00	22.29 1.06 0.00
CRICKET__VALLEY_CC2 323757	22.31 1.18 0.00	20.61 1.15 0.00	19.40 0.99 0.00	19.07 1.01 0.00	19.58 1.04 0.00	20.85 1.14 0.00	24.56 1.30 0.00	26.89 1.38 0.00	27.37 1.48 0.00	26.24 1.49 0.00	23.64 1.42 0.00	21.74 1.35 0.00	20.15 1.25 0.00	19.03 1.23 0.00	18.69 1.16 0.00	18.67 1.24 0.00	20.24 1.27 0.00	23.88 1.52 0.00	28.45 1.74 0.00	32.42 1.89 0.00	32.94 1.75 0.00	29.90 1.64 0.00	25.10 1.22 0.00	22.29 1.06 0.00
CRICKET__VALLEY_CC3 323758	22.31 1.18 0.00	20.61 1.15 0.00	19.40 0.99 0.00	19.07 1.01 0.00	19.58 1.04 0.00	20.85 1.14 0.00	24.56 1.30 0.00	26.89 1.38 0.00	27.37 1.48 0.00	26.24 1.49 0.00	23.64 1.42 0.00	21.74 1.35 0.00	20.15 1.25 0.00	19.03 1.23 0.00	18.69 1.16 0.00	18.67 1.24 0.00	20.24 1.27 0.00	23.88 1.52 0.00	28.45 1.74 0.00	32.42 1.89 0.00	32.94 1.75 0.00	29.90 1.64 0.00	25.10 1.22 0.00	22.29 1.06 0.00
CRUCIBLE_METL_DRP 24180	21.21 0.08 0.00	19.48 0.02 0.00	18.46 0.06 0.00	18.11 0.05 0.00	18.59 0.06 0.00	19.75 0.04 0.00	23.28 0.02 0.00	25.59 0.08 0.00	25.84 -0.05 0.00	24.76 0.00 0.00	22.24 0.02 0.00	20.39 0.00 0.00	18.91 0.00 0.00	17.80 0.00 0.00	17.51 -0.02 0.00	17.41 -0.02 0.00	18.97 0.00 0.00	22.33 -0.02 0.00	26.72 0.00 0.00	30.56 0.03 0.00	31.28 0.09 0.00	28.34 0.08 0.00	24.03 0.14 0.00	21.35 0.13 0.00
DAHOWA__HYDRO 323763	21.93 0.80 0.00	20.18 0.72 0.00	18.99 0.59 0.00	18.65 0.59 0.00	19.19 0.65 0.00	20.44 0.73 0.00	24.12 0.86 0.00	26.41 0.89 0.00	26.93 1.04 0.00	25.75 0.99 0.00	23.02 0.80 0.00	21.09 0.69 0.00	19.51 0.60 0.00	18.30 0.50 0.00	18.00 0.47 0.00	17.95 0.52 0.00	19.56 0.59 0.00	23.21 0.85 0.00	27.79 1.07 0.00	31.87 1.34 0.00	32.47 1.28 0.00	29.44 1.19 0.00	24.79 0.91 0.00	21.99 0.76 0.00
DANC__LFGE 323619	20.77 -0.36 0.00	19.05 -0.41 0.00	18.06 -0.35 0.00	17.71 -0.34 0.00	18.17 -0.37 0.00	19.32 -0.39 0.00	22.80 -0.47 0.00	25.00 -0.51 0.00	25.25 -0.65 0.00	24.11 -0.64 0.00	21.55 -0.67 0.00	18.35 -0.69 1.35	16.71 -0.62 1.57	15.77 -0.61 1.43	15.27 -0.63 1.63	15.28 -0.64 1.50	17.03 -0.68 1.26	20.16 -0.72 1.48	24.60 -0.64 1.47	29.98 -0.55 0.00	30.88 -0.31 0.00	28.00 -0.25 0.00	23.62 -0.26 0.00	20.95 -0.28 0.00
DANSKAMMER__1 23586	22.80 1.67 0.00	20.94 1.48 0.00	19.77 1.36 0.00	19.36 1.30 0.00	19.85 1.32 0.00	21.11 1.40 0.00	25.01 1.75 0.00	27.32 1.81 0.00	27.84 1.94 0.00	26.69 1.93 0.00	23.97 1.75 0.00	22.05 1.65 0.00	20.40 1.49 0.00	19.26 1.46 0.00	18.93 1.40 0.00	18.87 1.45 0.00	20.54 1.57 0.00	24.17 1.81 0.00	28.88 2.16 0.00	32.97 2.44 0.00	33.62 2.43 0.00	30.40 2.15 0.00	25.63 1.74 0.00	22.73 1.51 0.00
DANSKAMMER__2 23589	22.80 1.67 0.00	20.94 1.48 0.00	19.77 1.36 0.00	19.36 1.30 0.00	19.85 1.32 0.00	21.11 1.40 0.00	25.01 1.75 0.00	27.32 1.81 0.00	27.84 1.94 0.00	26.69 1.93 0.00	23.97 1.75 0.00	22.05 1.65 0.00	20.40 1.49 0.00	19.26 1.46 0.00	18.93 1.40 0.00	18.87 1.45 0.00	20.54 1.57 0.00	24.17 1.81 0.00	28.88 2.16 0.00	32.97 2.44 0.00	33.62 2.43 0.00	30.40 2.15 0.00	25.63 1.74 0.00	22.73 1.51 0.00
DANSKAMMER__3 23590	22.80 1.67 0.00	20.94 1.48 0.00	19.77 1.36 0.00	19.36 1.30 0.00	19.85 1.32 0.00	21.11 1.40 0.00	25.01 1.75 0.00	27.32 1.81 0.00	27.84 1.94 0.00	26.69 1.93 0.00	23.97 1.75 0.00	22.05 1.65 0.00	20.40 1.49 0.00	19.26 1.46 0.00	18.93 1.40 0.00	18.87 1.45 0.00	20.54 1.57 0.00	24.17 1.81 0.00	28.88 2.16 0.00	32.97 2.44 0.00	33.62 2.43 0.00	30.40 2.15 0.00	25.63 1.74 0.00	22.73 1.51 0.00



DANSKAMMER___4 23591	22.80 1.67 0.00	20.94 1.48 0.00	19.77 1.36 0.00	19.36 1.30 0.00	19.85 1.32 0.00	21.11 1.40 0.00	25.01 1.75 0.00	27.32 1.81 0.00	27.84 1.94 0.00	26.69 1.93 0.00	23.97 1.75 0.00	22.05 1.65 0.00	20.40 1.49 0.00	19.26 1.46 0.00	18.93 1.40 0.00	18.87 1.45 0.00	20.54 1.57 0.00	24.17 1.81 0.00	28.88 2.16 0.00	32.97 2.44 0.00	33.62 2.43 0.00	30.40 2.15 0.00	25.63 1.74 0.00	22.73 1.51 0.00
DANSKAMMER___DIESEL 23592	22.80 1.67 0.00	20.94 1.48 0.00	19.77 1.36 0.00	19.36 1.30 0.00	19.85 1.32 0.00	21.11 1.40 0.00	25.01 1.74 0.00	27.35 1.84 0.00	27.91 2.02 0.00	26.69 1.93 0.00	23.98 1.76 0.00	22.05 1.65 0.00	20.40 1.49 0.00	19.26 1.46 0.00	18.97 1.44 0.00	18.88 1.45 0.00	20.54 1.57 0.00	24.17 1.81 0.00	28.88 2.16 0.00	32.97 2.44 0.00	33.62 2.43 0.00	30.40 2.15 0.00	25.65 1.77 0.00	22.73 1.51 0.00
DARBY___SOLAR 323810	21.95 0.82 0.00	20.20 0.74 0.00	19.03 0.63 0.00	18.69 0.63 0.00	19.22 0.69 0.00	20.46 0.75 0.00	24.14 0.88 0.00	26.43 0.92 0.00	26.96 1.06 0.00	25.77 1.02 0.00	23.09 0.87 0.00	21.15 0.76 0.00	19.57 0.66 0.00	18.36 0.55 0.00	18.06 0.53 0.00	18.00 0.57 0.00	19.63 0.66 0.00	23.25 0.90 0.00	27.81 1.10 0.00	31.87 1.34 0.00	32.47 1.28 0.00	29.44 1.19 0.00	24.81 0.93 0.00	22.03 0.81 0.00
DASHVILLE___HYD 23610	22.78 1.65 0.00	20.90 1.44 0.00	19.73 1.33 0.00	19.34 1.28 0.00	19.82 1.28 0.00	21.07 1.36 0.00	24.94 1.67 0.00	27.27 1.76 0.00	27.81 1.92 0.00	26.56 1.81 0.00	23.91 1.69 0.00	22.01 1.61 0.00	20.40 1.49 0.00	19.26 1.46 0.00	18.97 1.44 0.00	18.86 1.43 0.00	20.50 1.54 0.00	24.10 1.74 0.00	28.80 2.08 0.00	32.88 2.35 0.00	33.50 2.31 0.00	30.29 2.03 0.00	25.56 1.67 0.00	22.67 1.44 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	26.84 2.85 -2.86	22.05 2.57 -0.02	20.78 2.37 0.00	20.37 2.31 0.00	20.84 2.30 0.00	23.09 2.70 -0.68	26.49 3.21 -0.02	28.88 3.37 0.00	29.47 3.57 -0.01	27.95 3.19 0.00	25.31 3.07 -0.02	23.25 2.83 -0.02	21.38 2.48 0.00	20.05 2.24 0.00	19.83 2.30 0.00	19.89 2.46 0.00	21.68 2.69 -0.02	25.87 3.17 -0.34	30.39 3.66 -0.01	34.76 4.21 -0.01	35.41 4.21 -0.01	32.03 3.76 -0.01	26.92 3.03 0.00	24.76 2.76 -0.78
DELAWARE___LFGE 323621	22.04 0.91 0.00	20.26 0.80 0.00	19.16 0.75 0.00	18.80 0.74 0.00	19.28 0.74 0.00	20.52 0.81 0.00	24.21 0.95 0.00	26.56 1.05 0.00	26.98 1.09 0.00	25.82 1.06 0.00	23.20 0.98 0.00	21.27 0.88 0.00	19.72 0.81 0.00	18.55 0.75 0.00	18.27 0.74 0.00	18.13 0.70 0.00	19.74 0.78 0.00	23.27 0.92 0.00	27.86 1.15 0.00	31.87 1.34 0.00	32.56 1.37 0.00	29.50 1.24 0.00	24.91 1.03 0.00	22.14 0.91 0.00
DERFIELD_115KV_TB7 355931	21.30 0.17 0.00	19.60 0.14 0.00	18.53 0.13 0.00	18.18 0.13 0.00	18.67 0.13 0.00	19.85 0.14 0.00	23.42 0.16 0.00	25.69 0.18 0.00	26.10 0.21 0.00	24.96 0.20 0.00	22.40 0.18 0.00	21.12 0.16 -0.57	19.70 0.13 -0.66	18.53 0.12 -0.60	18.34 0.12 -0.68	18.18 0.12 -0.63	19.63 0.13 -0.53	23.13 0.16 -0.62	27.52 0.19 -0.62	30.77 0.24 0.00	31.41 0.22 0.00	28.45 0.20 0.00	24.05 0.17 0.00	21.38 0.15 0.00
DOGLEVILLE___HYD 23807	21.40 0.27 0.00	19.70 0.23 0.00	18.61 0.20 0.00	18.24 0.18 0.00	18.69 0.15 0.00	19.93 0.22 0.00	23.52 0.26 0.00	25.87 0.36 0.00	26.28 0.39 0.00	25.10 0.35 0.00	22.49 0.27 0.00	21.08 0.12 -0.57	19.60 0.04 -0.66	18.38 -0.02 -0.60	18.16 -0.05 -0.68	17.99 -0.07 -0.63	19.42 -0.08 -0.53	22.89 -0.09 -0.62	27.25 -0.08 -0.62	30.53 0.00 0.00	31.22 0.03 0.00	28.37 0.11 0.00	23.98 0.10 0.00	21.35 0.13 0.00
DUNKIRK___115KV_TB_200 55889	21.02 -0.11 0.00	19.31 -0.16 0.00	18.61 0.20 0.00	18.22 0.16 0.00	18.72 0.19 0.00	19.79 0.08 0.00	23.00 -0.26 0.00	25.13 -0.38 0.00	24.83 -1.06 0.00	24.04 -0.72 0.00	21.75 -0.47 0.00	19.97 -0.43 0.00	18.57 -0.34 0.00	17.43 -0.37 0.00	16.93 -0.60 0.00	16.99 -0.44 0.00	18.47 -0.49 0.00	21.44 -0.92 0.00	25.73 -0.99 0.00	29.40 -1.13 0.00	30.47 -0.72 0.00	27.69 -0.57 0.00	23.88 0.00 0.00	21.38 0.15 0.00
DUNKIRK___1 23563	21.02 -0.11 0.00	19.31 -0.16 0.00	18.61 0.20 0.00	18.22 0.16 0.00	18.72 0.19 0.00	19.79 0.08 0.00	23.00 -0.26 0.00	25.13 -0.38 0.00	24.83 -1.06 0.00	24.04 -0.72 0.00	21.75 -0.47 0.00	19.97 -0.43 0.00	18.57 -0.34 0.00	17.43 -0.37 0.00	16.93 -0.60 0.00	16.99 -0.44 0.00	18.47 -0.49 0.00	21.44 -0.92 0.00	25.73 -0.99 0.00	29.40 -1.13 0.00	30.47 -0.72 0.00	27.69 -0.57 0.00	23.88 0.00 0.00	21.38 0.15 0.00
DUNKIRK___2 23564	21.02 -0.11 0.00	19.31 -0.16 0.00	18.61 0.20 0.00	18.22 0.16 0.00	18.72 0.19 0.00	19.79 0.08 0.00	23.00 -0.26 0.00	25.13 -0.38 0.00	24.83 -1.06 0.00	24.04 -0.72 0.00	21.75 -0.47 0.00	19.97 -0.43 0.00	18.57 -0.34 0.00	17.43 -0.37 0.00	16.93 -0.60 0.00	16.99 -0.44 0.00	18.47 -0.49 0.00	21.44 -0.92 0.00	25.73 -0.99 0.00	29.40 -1.13 0.00	30.47 -0.72 0.00	27.69 -0.57 0.00	23.88 0.00 0.00	21.38 0.15 0.00
DUNKIRK___3 23565	20.94 -0.19 0.00	19.23 -0.23 0.00	18.52 0.11 0.00	18.13 0.07 0.00	18.61 0.07 0.00	19.67 -0.04 0.00	22.87 -0.40 0.00	24.98 -0.54 0.00	24.70 -1.19 0.00	23.92 -0.84 0.00	21.66 -0.56 0.00	19.90 -0.49 0.00	18.53 -0.38 0.00	17.39 -0.41 0.00	16.92 -0.61 0.00	16.96 -0.47 0.00	18.45 -0.51 0.00	21.42 -0.94 0.00	25.67 -1.04 0.00	29.28 -1.25 0.00	30.32 -0.87 0.00	27.55 -0.71 0.00	23.72 -0.17 0.00	21.25 0.02 0.00
DUNKIRK___4 23566	20.94 -0.19 0.00	19.23 -0.23 0.00	18.52 0.11 0.00	18.13 0.07 0.00	18.61 0.07 0.00	19.67 -0.04 0.00	22.87 -0.40 0.00	24.98 -0.54 0.00	24.70 -1.19 0.00	23.92 -0.84 0.00	21.66 -0.56 0.00	19.90 -0.49 0.00	18.53 -0.38 0.00	17.39 -0.41 0.00	16.92 -0.61 0.00	16.96 -0.47 0.00	18.45 -0.51 0.00	21.42 -0.94 0.00	25.67 -1.04 0.00	29.28 -1.25 0.00	30.32 -0.87 0.00	27.55 -0.71 0.00	23.72 -0.17 0.00	21.25 0.02 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	22.76 1.63 0.00	20.88 1.42 0.00	19.69 1.29 0.00	19.30 1.25 0.00	19.76 1.22 0.00	21.07 1.36 0.00	24.89 1.63 0.00	27.32 1.81 0.00	27.94 2.05 0.00	26.66 1.91 0.00	24.06 1.84 0.00	22.13 1.73 0.00	20.55 1.64 0.00	19.37 1.57 0.00	19.06 1.53 0.00	19.00 1.57 0.00	20.64 1.67 0.00	24.23 1.88 0.00	28.91 2.19 0.00	33.03 2.50 0.00	33.59 2.40 0.00	30.26 2.01 0.00	25.56 1.67 0.00	22.71 1.49 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	22.59 1.46 0.00	20.77 1.30 0.00	19.60 1.20 0.00	19.21 1.16 0.00	19.69 1.15 0.00	20.97 1.26 0.00	24.80 1.54 0.00	27.15 1.63 0.00	27.68 1.79 0.00	26.47 1.71 0.00	23.80 1.58 0.00	21.88 1.49 0.00	20.29 1.38 0.00	19.14 1.34 0.00	18.85 1.31 0.00	18.75 1.32 0.00	20.39 1.42 0.00	23.99 1.63 0.00	28.64 1.92 0.00	32.70 2.17 0.00	33.31 2.12 0.00	30.12 1.86 0.00	25.44 1.55 0.00	22.56 1.34 0.00



E179THST_138_KV_TB4_REV_LBMP_J 345001	22.80 1.67 0.00	20.86 1.40 0.00	19.66 1.25 0.00	19.26 1.21 0.00	19.71 1.17 0.00	20.97 1.26 0.00	24.87 1.60 0.00	27.30 1.79 0.00	27.99 2.10 0.00	26.69 1.93 0.00	24.09 1.87 0.00	22.19 1.79 0.00	20.58 1.66 -0.01	19.42 1.60 -0.01	19.11 1.56 -0.02	19.05 1.60 -0.02	20.71 1.73 -0.02	24.26 1.90 0.00	28.99 2.27 0.00	33.13 2.60 0.00	33.69 2.50 0.00	30.29 2.03 0.00	25.60 1.72 0.00	22.75 1.53 0.00
E179THST_13_KV_LOAD 356214	22.90 1.77 0.00	20.94 1.48 0.00	19.73 1.33 0.00	19.34 1.28 0.00	19.76 1.22 0.00	21.05 1.34 0.00	24.94 1.67 0.00	27.40 1.89 0.00	28.10 2.20 0.00	26.79 2.03 0.00	24.18 1.96 0.00	22.27 1.88 0.00	20.66 1.74 -0.01	19.49 1.67 -0.01	19.19 1.65 -0.02	19.12 1.67 -0.02	20.78 1.80 -0.02	24.35 1.99 0.00	29.09 2.38 0.00	33.25 2.72 0.00	33.84 2.65 0.00	30.38 2.12 0.00	25.70 1.82 0.00	22.84 1.61 0.00
EAST HAMPTON___GT 23717	27.12 3.13 -2.86	22.31 2.82 -0.02	21.03 2.61 -0.01	20.61 2.55 -0.01	21.07 2.52 -0.01	23.33 2.94 -0.68	26.77 3.49 -0.02	29.01 3.50 0.00	29.30 3.39 -0.02	28.25 3.49 0.00	25.60 3.36 -0.02	23.49 3.08 -0.02	21.59 2.68 0.00	20.23 2.42 0.00	19.97 2.44 0.00	20.06 2.63 0.00	21.89 2.90 -0.02	26.14 3.44 -0.34	30.73 4.01 -0.01	35.18 4.64 -0.01	35.85 4.65 -0.01	32.42 4.16 -0.01	27.04 3.15 0.00	25.04 3.04 -0.78
EAST RIVER___6 23660	22.97 1.84 0.00	21.02 1.56 0.00	19.80 1.40 0.00	19.41 1.35 0.00	19.84 1.30 0.00	21.15 1.44 0.00	25.03 1.77 0.00	27.48 1.96 0.00	28.07 2.18 0.00	26.86 2.10 0.00	24.26 2.04 0.00	22.35 1.96 0.00	21.25 1.83 -0.51	19.99 1.75 -0.44	19.21 1.67 -0.02	19.19 1.74 -0.02	20.84 1.86 -0.02	24.44 2.08 0.00	29.17 2.46 0.00	33.31 2.78 0.00	33.90 2.71 0.00	30.49 2.23 0.00	25.75 1.86 0.00	22.88 1.66 0.00
EAST RIVER___7 23524	22.97 1.84 0.00	21.02 1.56 0.00	19.80 1.40 0.00	19.41 1.35 0.00	19.84 1.30 0.00	21.15 1.44 0.00	25.03 1.77 0.00	27.48 1.96 0.00	28.07 2.18 0.00	26.86 2.10 0.00	24.26 2.04 0.00	22.35 1.96 0.00	21.25 1.83 -0.51	19.99 1.75 -0.44	19.21 1.67 -0.02	19.19 1.74 -0.02	20.84 1.86 -0.02	24.44 2.08 0.00	29.17 2.46 0.00	33.31 2.78 0.00	33.90 2.71 0.00	30.49 2.23 0.00	25.75 1.86 0.00	22.88 1.66 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	22.69 1.56 0.00	20.85 1.38 0.00	19.66 1.25 0.00	19.26 1.21 0.00	19.74 1.20 0.00	21.03 1.32 0.00	24.87 1.60 0.00	27.27 1.76 0.00	27.89 1.99 0.00	26.61 1.86 0.00	24.00 1.78 0.00	22.09 1.69 0.00	20.50 1.59 0.00	19.32 1.51 0.00	19.02 1.49 0.00	18.95 1.52 0.00	20.58 1.61 0.00	24.19 1.83 0.00	28.85 2.14 0.00	32.94 2.41 0.00	33.53 2.34 0.00	30.23 1.98 0.00	25.51 1.62 0.00	22.67 1.44 0.00
EAST_HAMPTON___DIESEL 23722	27.12 3.13 -2.86	22.33 2.84 -0.02	21.03 2.61 -0.01	20.61 2.55 -0.01	21.09 2.54 -0.01	23.33 2.94 -0.68	26.77 3.49 -0.02	29.01 3.50 0.00	29.33 3.42 -0.02	28.25 3.49 0.00	25.60 3.36 -0.02	23.51 3.10 -0.02	21.59 2.68 0.00	20.23 2.42 0.00	19.97 2.44 0.00	20.06 2.63 0.00	21.89 2.90 -0.02	26.14 3.44 -0.34	30.73 4.01 -0.01	35.18 4.64 -0.01	35.88 4.68 -0.01	32.45 4.18 -0.01	27.06 3.18 0.00	25.04 3.04 -0.78
EAST_POINT___SOLAR 323840	22.59 1.46 0.00	20.77 1.30 0.00	19.60 1.20 0.00	19.23 1.17 0.00	19.78 1.24 0.00	21.07 1.36 0.00	24.70 1.44 0.00	27.07 1.56 0.00	27.60 1.71 0.00	26.29 1.53 0.00	23.49 1.27 0.00	21.41 1.02 0.00	19.76 0.85 0.00	18.53 0.73 0.00	18.23 0.70 0.00	18.16 0.73 0.00	19.86 0.89 0.00	23.59 1.23 0.00	28.45 1.74 0.00	32.76 2.23 0.00	33.56 2.37 0.00	30.57 2.32 0.00	25.72 1.84 0.00	22.82 1.59 0.00
EAST_PULASKI___ESR 323781	20.88 -0.25 0.00	19.19 -0.27 0.00	18.17 -0.24 0.00	17.82 -0.24 0.00	18.30 -0.24 0.00	19.45 -0.26 0.00	22.94 -0.33 0.00	25.16 -0.36 0.00	25.45 -0.44 0.00	24.34 -0.42 0.00	21.82 -0.40 0.00	19.27 -0.43 0.69	17.73 -0.38 0.80	16.70 -0.37 0.73	16.33 -0.37 0.83	16.28 -0.38 0.77	17.91 -0.42 0.64	21.13 -0.47 0.75	25.51 -0.45 0.75	30.13 -0.40 0.00	30.94 -0.25 0.00	28.03 -0.23 0.00	23.72 -0.17 0.00	21.04 -0.19 0.00
EAST_RIVER___1 323558	22.91 1.78 0.00	20.98 1.52 0.00	19.77 1.36 0.00	19.37 1.32 0.00	19.82 1.28 0.00	21.13 1.42 0.00	24.98 1.72 0.00	27.43 1.91 0.00	27.99 2.10 0.00	26.79 2.03 0.00	24.20 1.98 0.00	22.27 1.88 0.00	21.19 1.78 -0.51	19.94 1.69 -0.44	19.16 1.61 -0.02	19.13 1.69 -0.02	20.79 1.80 -0.02	24.37 2.01 0.00	29.09 2.38 0.00	33.22 2.69 0.00	33.81 2.62 0.00	30.43 2.18 0.00	25.68 1.79 0.00	22.84 1.61 0.00
EAST_RIVER___2 323559	22.97 1.84 0.00	21.02 1.56 0.00	19.80 1.40 0.00	19.41 1.35 0.00	19.84 1.30 0.00	21.15 1.44 0.00	25.03 1.77 0.00	27.48 1.96 0.00	28.07 2.18 0.00	26.86 2.10 0.00	24.26 2.04 0.00	22.35 1.96 0.00	21.25 1.83 -0.51	19.99 1.75 -0.44	19.21 1.67 -0.02	19.19 1.74 -0.02	20.84 1.86 -0.02	24.44 2.08 0.00	29.17 2.46 0.00	33.31 2.78 0.00	33.90 2.71 0.00	30.49 2.23 0.00	25.75 1.86 0.00	22.88 1.66 0.00
EAST___DELAWARE_HYD 23607	22.97 1.84 0.00	21.04 1.58 0.00	19.92 1.51 0.00	19.48 1.43 0.00	19.97 1.43 0.00	21.25 1.54 0.00	25.17 1.91 0.00	27.53 2.02 0.00	27.97 2.07 0.00	26.79 2.03 0.00	24.02 1.80 0.00	22.09 1.69 0.00	20.44 1.53 0.00	19.28 1.48 0.00	18.95 1.42 0.00	18.86 1.43 0.00	20.56 1.59 0.00	24.21 1.85 0.00	29.01 2.30 0.00	33.22 2.69 0.00	33.90 2.71 0.00	30.69 2.43 0.00	25.89 2.01 0.00	22.93 1.70 0.00
EIGHT_POINT___WT_PWR 323820	21.32 0.19 0.00	19.56 0.10 0.00	18.74 0.33 0.00	18.38 0.33 0.00	18.91 0.37 0.00	20.04 0.33 0.00	23.49 0.23 0.00	25.79 0.28 0.00	25.79 -0.10 0.00	24.53 -0.22 0.00	22.00 -0.22 0.00	20.13 -0.27 0.00	18.66 -0.25 0.00	17.52 -0.29 0.00	17.23 -0.30 0.00	17.05 -0.38 0.00	18.57 -0.40 0.00	21.69 -0.67 0.00	26.10 -0.61 0.00	29.89 -0.64 0.00	30.82 -0.37 0.00	28.00 -0.25 0.00	24.12 0.24 0.00	21.55 0.32 0.00
ELBRIDGE_115KV_TB2 80188	21.11 -0.02 0.00	19.41 -0.06 0.00	18.39 -0.02 0.00	18.04 -0.02 0.00	18.52 -0.02 0.00	19.67 -0.04 0.00	23.19 -0.07 0.00	25.46 -0.05 0.00	25.71 -0.18 0.00	24.63 -0.12 0.00	22.13 -0.09 0.00	20.29 -0.10 0.00	18.83 -0.08 0.00	17.73 -0.07 0.00	17.44 -0.09 0.00	17.34 -0.09 0.00	18.89 -0.08 0.00	22.22 -0.13 0.00	26.61 -0.11 0.00	30.41 -0.12 0.00	31.13 -0.06 0.00	28.20 -0.06 0.00	23.93 0.05 0.00	21.27 0.04 0.00
ELEC_TRO_TEK 24086	25.74 1.75 -2.85	21.06 1.58 -0.02	19.88 1.47 0.00	19.48 1.43 0.00	19.97 1.43 0.00	21.62 1.52 -0.40	25.11 1.84 -0.02	27.55 2.04 0.00	28.20 2.30 0.00	26.89 2.13 0.00	24.21 1.98 -0.02	22.33 1.92 -0.02	20.67 1.76 0.00	19.42 1.62 0.00	19.16 1.63 0.00	19.12 1.69 0.00	20.80 1.82 -0.02	24.73 2.03 -0.34	29.01 2.30 0.00	33.16 2.63 0.00	33.75 2.56 0.00	30.52 2.26 0.00	25.77 1.89 0.00	23.63 1.63 -0.77



ELLENBURG_WT_PWR 323604	19.90 -1.23 0.00	18.57 -0.90 0.00	17.65 -0.76 0.00	17.28 -0.78 0.00	17.70 -0.83 0.00	18.70 -1.00 0.00	22.14 -1.12 0.00	24.44 -1.07 0.00	24.73 -1.16 0.00	23.42 -1.34 0.00	20.62 -1.60 0.00	7.43 -1.55 11.41	4.20 -1.46 13.25	4.44 -1.34 12.03	2.42 -1.35 13.77	3.50 -1.26 12.68	7.10 -1.27 10.59	8.59 -1.30 12.47	12.88 -1.42 12.41	28.97 -1.56 0.01	29.76 -1.43 0.00	26.99 -1.27 0.00	22.55 -1.34 0.00	20.04 -1.19 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	20.71 -0.42 0.00	19.00 -0.47 0.00	18.26 -0.15 0.00	17.89 -0.16 0.00	18.35 -0.19 0.00	19.35 -0.35 0.00	22.52 -0.74 0.00	24.49 -1.02 0.00	24.19 -1.71 0.00	23.52 -1.24 0.00	21.33 -0.89 0.00	19.66 -0.73 0.00	18.30 -0.61 0.00	17.20 -0.61 0.00	16.72 -0.81 0.00	16.80 -0.63 0.00	18.26 -0.70 0.00	21.17 -1.18 0.00	25.33 -1.39 0.00	28.88 -1.65 0.00	29.85 -1.34 0.00	27.10 -1.16 0.00	23.36 -0.53 0.00	20.99 -0.23 0.00
EMPIRE_CC_1 323656	21.83 0.70 0.00	20.14 0.68 0.00	18.98 0.57 0.00	18.65 0.59 0.00	19.15 0.61 0.00	20.40 0.69 0.00	24.05 0.79 0.00	26.33 0.82 0.00	26.80 0.91 0.00	25.67 0.92 0.00	23.06 0.84 0.00	21.17 0.77 0.00	19.61 0.70 0.00	18.46 0.66 0.00	18.16 0.63 0.00	18.09 0.66 0.00	19.69 0.72 0.00	23.25 0.90 0.00	27.73 1.01 0.00	31.66 1.13 0.00	32.25 1.06 0.00	29.25 0.99 0.00	24.67 0.79 0.00	21.93 0.70 0.00
EMPIRE_CC_2 323658	21.83 0.70 0.00	20.14 0.68 0.00	18.98 0.57 0.00	18.65 0.59 0.00	19.15 0.61 0.00	20.40 0.69 0.00	24.05 0.79 0.00	26.33 0.82 0.00	26.80 0.91 0.00	25.67 0.92 0.00	23.06 0.84 0.00	21.17 0.77 0.00	19.61 0.70 0.00	18.46 0.66 0.00	18.16 0.63 0.00	18.09 0.66 0.00	19.69 0.72 0.00	23.25 0.90 0.00	27.73 1.01 0.00	31.66 1.13 0.00	32.25 1.06 0.00	29.25 0.99 0.00	24.67 0.79 0.00	21.93 0.70 0.00
ENORWICH_115KV_TB1 80156	22.74 1.61 0.00	20.83 1.36 0.00	19.79 1.38 0.00	19.41 1.35 0.00	19.91 1.37 0.00	21.19 1.48 0.00	25.05 1.79 0.00	27.55 2.04 0.00	27.76 1.86 0.00	26.56 1.81 0.00	23.64 1.42 0.00	21.47 1.08 0.00	19.87 0.96 0.00	18.66 0.85 0.00	18.28 0.75 0.00	18.13 0.70 0.00	19.82 0.85 0.00	23.56 1.21 0.00	28.48 1.76 0.00	32.73 2.20 0.00	33.65 2.46 0.00	30.60 2.35 0.00	25.82 1.93 0.00	22.95 1.72 0.00
ERIE_ST_34_KV_TB1-2 80199	20.96 -0.17 0.00	19.21 -0.25 0.00	18.48 0.07 0.00	18.11 0.05 0.00	18.59 0.06 0.00	19.63 -0.08 0.00	22.82 -0.44 0.00	24.85 -0.66 0.00	24.60 -1.29 0.00	23.87 -0.89 0.00	21.64 -0.58 0.00	19.93 -0.47 0.00	18.55 -0.36 0.00	17.43 -0.37 0.00	16.95 -0.58 0.00	17.01 -0.42 0.00	18.49 -0.47 0.00	21.44 -0.92 0.00	25.65 -1.07 0.00	29.28 -1.25 0.00	30.25 -0.94 0.00	27.47 -0.79 0.00	23.64 -0.24 0.00	21.21 -0.02 0.00
ERIE_WT_PWR 323693	20.85 -0.28 0.00	19.11 -0.35 0.00	18.39 -0.02 0.00	18.02 -0.04 0.00	18.48 -0.06 0.00	19.49 -0.22 0.00	22.66 -0.60 0.00	24.77 -0.74 0.00	24.81 -1.09 0.00	23.69 -1.06 0.00	21.49 -0.73 0.00	19.78 -0.61 0.00	18.42 -0.49 0.00	17.31 -0.50 0.00	17.06 -0.47 0.00	16.91 -0.52 0.00	18.38 -0.59 0.00	21.31 -1.05 0.00	25.49 -1.23 0.00	29.07 -1.46 0.00	30.04 -1.15 0.00	27.30 -0.96 0.00	23.62 -0.26 0.00	21.12 -0.11 0.00
ESPRGFLD_115KV_TB1 80157	22.42 1.29 0.00	20.59 1.13 0.00	19.47 1.07 0.00	19.08 1.03 0.00	19.61 1.08 0.00	20.89 1.18 0.00	24.56 1.30 0.00	26.94 1.43 0.00	27.42 1.53 0.00	26.19 1.44 0.00	23.44 1.22 0.00	21.41 1.02 0.00	19.80 0.89 0.00	18.61 0.80 0.00	18.28 0.75 0.00	18.16 0.73 0.00	19.84 0.87 0.00	23.50 1.14 0.00	28.29 1.58 0.00	32.48 1.95 0.00	33.28 2.09 0.00	30.26 2.01 0.00	25.48 1.60 0.00	22.63 1.40 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	21.62 0.49 0.00	19.85 0.39 0.00	18.85 0.44 0.00	18.47 0.42 0.00	18.96 0.43 0.00	20.16 0.45 0.00	23.77 0.51 0.00	26.10 0.59 0.00	26.31 0.41 0.00	25.18 0.42 0.00	22.60 0.38 0.00	20.70 0.31 0.00	19.19 0.28 0.00	18.05 0.25 0.00	17.74 0.21 0.00	17.66 0.23 0.00	19.25 0.28 0.00	22.67 0.31 0.00	27.20 0.48 0.00	31.11 0.58 0.00	31.88 0.69 0.00	28.91 0.65 0.00	24.53 0.64 0.00	21.78 0.55 0.00
ETNA____115KV_TB2 80207	21.62 0.49 0.00	19.85 0.39 0.00	18.85 0.44 0.00	18.47 0.42 0.00	18.96 0.43 0.00	20.16 0.45 0.00	23.77 0.51 0.00	26.10 0.59 0.00	26.31 0.41 0.00	25.18 0.42 0.00	22.60 0.38 0.00	20.70 0.31 0.00	19.19 0.28 0.00	18.05 0.25 0.00	17.74 0.21 0.00	17.66 0.23 0.00	19.25 0.28 0.00	22.67 0.31 0.00	27.20 0.48 0.00	31.11 0.58 0.00	31.88 0.69 0.00	28.91 0.65 0.00	24.53 0.64 0.00	21.78 0.55 0.00
EUCLID____115KV_TB2 356179	21.00 -0.13 0.00	19.31 -0.16 0.00	18.30 -0.11 0.00	17.95 -0.11 0.00	18.43 -0.11 0.00	19.57 -0.14 0.00	23.07 -0.19 0.00	25.31 -0.20 0.00	25.58 -0.31 0.00	24.51 -0.25 0.00	22.04 -0.18 0.00	20.21 -0.18 0.00	18.76 -0.15 0.00	17.64 -0.16 0.00	17.36 -0.18 0.00	17.27 -0.16 0.00	18.80 -0.17 0.00	22.13 -0.22 0.00	26.47 -0.24 0.00	30.26 -0.27 0.00	30.97 -0.22 0.00	28.06 -0.20 0.00	23.79 -0.10 0.00	21.14 -0.08 0.00
E_CANADA_CAP_HY 24051	22.52 1.39 0.00	20.73 1.26 0.00	19.57 1.16 0.00	19.19 1.14 0.00	19.73 1.19 0.00	21.03 1.32 0.00	24.63 1.37 0.00	26.99 1.48 0.00	27.53 1.63 0.00	26.22 1.46 0.00	23.42 1.20 0.00	21.37 0.98 0.00	19.72 0.81 0.00	18.52 0.71 0.00	18.21 0.68 0.00	18.13 0.70 0.00	19.82 0.85 0.00	23.52 1.16 0.00	28.37 1.66 0.00	32.70 2.17 0.00	33.44 2.25 0.00	30.49 2.23 0.00	25.70 1.81 0.00	22.76 1.53 0.00
E_CANADA_MHWK_HY 24050	21.40 0.27 0.00	19.70 0.23 0.00	18.61 0.20 0.00	18.24 0.18 0.00	18.69 0.15 0.00	19.93 0.22 0.00	23.52 0.26 0.00	25.87 0.36 0.00	26.28 0.39 0.00	25.10 0.35 0.00	22.49 0.27 0.00	21.08 0.12 -0.57	19.60 0.04 -0.66	18.38 -0.02 -0.60	18.16 -0.05 -0.68	17.99 -0.07 -0.63	19.42 -0.08 -0.53	22.89 -0.09 -0.62	27.25 -0.08 -0.62	30.53 0.00 0.00	31.22 0.03 0.00	28.37 0.11 0.00	23.98 0.10 0.00	21.35 0.13 0.00
E_FISHKILL____LBMP 23776	22.48 1.35 0.00	20.69 1.23 0.00	19.49 1.09 0.00	19.12 1.07 0.00	19.61 1.08 0.00	20.89 1.18 0.00	24.66 1.40 0.00	27.04 1.53 0.00	27.63 1.73 0.00	26.37 1.61 0.00	23.78 1.56 0.00	21.86 1.47 0.00	20.27 1.36 0.00	19.12 1.32 0.00	18.83 1.30 0.00	18.75 1.32 0.00	20.37 1.40 0.00	23.97 1.61 0.00	28.59 1.87 0.00	32.61 2.08 0.00	33.19 2.00 0.00	29.98 1.72 0.00	25.29 1.41 0.00	22.46 1.23 0.00
FALCON____SEABRD_CC1 323796	19.90 -1.23 0.00	18.65 -0.82 0.00	17.76 -0.64 0.00	17.39 -0.67 0.00	17.83 -0.70 0.00	18.82 -0.89 0.00	22.31 -0.95 0.00	24.65 -0.87 0.00	24.91 -0.98 0.00	23.54 -1.21 0.00	20.62 -1.60 0.00	7.45 -1.57 11.37	4.24 -1.47 13.20	4.47 -1.35 11.98	2.43 -1.39 13.71	3.51 -1.29 12.63	7.14 -1.27 10.55	8.68 -1.25 12.42	13.02 -1.34 12.36	29.03 -1.50 0.01	29.88 -1.31 0.00	27.13 -1.13 0.00	22.59 -1.29 0.00	20.06 -1.17 0.00



FALCON___SEABRD_CC2 323797	19.90 -1.23 0.00	18.65 -0.82 0.00	17.76 -0.64 0.00	17.39 -0.67 0.00	17.83 -0.70 0.00	18.82 -0.89 0.00	22.31 -0.95 0.00	24.65 -0.87 0.00	24.91 -0.98 0.00	23.54 -1.21 0.00	20.62 -1.60 0.00	7.45 -1.57 11.37	4.24 -1.47 13.20	4.47 -1.35 11.98	2.43 -1.39 13.71	3.51 -1.29 12.63	7.14 -1.27 10.55	8.68 -1.25 12.42	13.02 -1.34 12.36	29.03 -1.50 0.01	29.88 -1.31 0.00	27.13 -1.13 0.00	22.59 -1.29 0.00	20.06 -1.17 0.00
FAR ROCKAWAY___4 23548	26.03 2.05 -2.85	21.33 1.85 -0.01	20.10 1.69 0.00	19.72 1.66 0.00	20.19 1.65 0.00	22.02 1.77 -0.53	25.39 2.12 -0.01	27.81 2.30 0.00	28.46 2.56 0.00	27.16 2.40 0.00	24.50 2.27 -0.01	22.57 2.16 -0.01	20.87 1.97 0.00	19.60 1.80 0.00	19.34 1.81 0.00	19.31 1.88 0.00	21.03 2.05 -0.01	24.99 2.30 -0.34	29.33 2.62 0.00	33.52 2.99 0.00	34.12 2.93 0.00	30.88 2.63 0.00	26.06 2.17 0.00	23.93 1.93 -0.77
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	22.90 1.77 0.00	20.98 1.52 0.00	19.79 1.38 0.00	19.39 1.34 0.00	19.82 1.28 0.00	21.13 1.42 0.00	25.01 1.74 0.00	27.45 1.94 0.00	28.12 2.23 0.00	26.81 2.05 0.00	24.22 2.00 0.00	22.29 1.90 0.00	21.20 1.78 -0.51	19.94 1.69 -0.45	19.19 1.65 -0.02	19.14 1.69 -0.02	20.78 1.80 -0.02	24.39 2.03 0.00	29.09 2.38 0.00	33.25 2.72 0.00	33.81 2.62 0.00	30.43 2.18 0.00	25.72 1.84 0.00	22.86 1.63 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	22.90 1.77 0.00	20.98 1.52 0.00	19.77 1.36 0.00	19.37 1.32 0.00	19.82 1.28 0.00	21.13 1.42 0.00	24.98 1.72 0.00	27.45 1.94 0.00	28.10 2.20 0.00	26.81 2.05 0.00	24.20 1.98 0.00	22.27 1.88 0.00	21.20 1.78 -0.51	19.94 1.69 -0.45	19.19 1.65 -0.02	19.14 1.69 -0.02	20.78 1.80 -0.02	24.37 2.01 0.00	29.09 2.38 0.00	33.22 2.69 0.00	33.81 2.62 0.00	30.43 2.18 0.00	25.72 1.84 0.00	22.84 1.61 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	22.88 1.75 0.00	20.96 1.50 0.00	19.77 1.36 0.00	19.37 1.32 0.00	19.80 1.26 0.00	21.11 1.40 0.00	24.98 1.72 0.00	27.43 1.91 0.00	28.07 2.18 0.00	26.79 2.03 0.00	24.18 1.96 0.00	22.25 1.86 0.00	21.18 1.76 -0.51	19.92 1.67 -0.45	19.18 1.63 -0.02	19.12 1.67 -0.02	20.77 1.78 -0.02	24.37 2.01 0.00	29.07 2.35 0.00	33.19 2.66 0.00	33.78 2.59 0.00	30.40 2.15 0.00	25.70 1.82 0.00	22.82 1.59 0.00
FARRAGUT___LBMP 323566	22.86 1.73 0.00	20.96 1.50 0.00	19.75 1.34 0.00	19.36 1.30 0.00	19.80 1.26 0.00	21.09 1.38 0.00	24.96 1.70 0.00	27.40 1.89 0.00	28.07 2.18 0.00	26.76 2.01 0.00	24.18 1.96 0.00	22.25 1.86 0.00	21.16 1.74 -0.51	19.92 1.67 -0.45	19.18 1.63 -0.02	19.10 1.66 -0.02	20.75 1.76 -0.02	24.35 1.99 0.00	29.07 2.35 0.00	33.19 2.66 0.00	33.75 2.56 0.00	30.38 2.12 0.00	25.67 1.79 0.00	22.82 1.59 0.00
FENNER___WINDPWR 24204	21.68 0.55 0.00	19.91 0.45 0.00	18.87 0.46 0.00	18.49 0.43 0.00	18.98 0.44 0.00	20.18 0.47 0.00	23.84 0.58 0.00	26.18 0.66 0.00	26.52 0.62 0.00	25.35 0.59 0.00	22.71 0.49 0.00	20.78 0.39 0.00	19.25 0.34 0.00	18.09 0.28 0.00	17.81 0.28 0.00	17.65 0.23 0.00	19.27 0.30 0.00	22.78 0.42 0.00	27.33 0.61 0.00	31.32 0.79 0.00	32.10 0.91 0.00	29.10 0.85 0.00	24.58 0.69 0.00	21.82 0.59 0.00
FIBERTEK___ENERGY 23856	21.21 0.08 0.00	19.48 0.02 0.00	18.46 0.06 0.00	18.11 0.05 0.00	18.59 0.06 0.00	19.75 0.04 0.00	23.28 0.02 0.00	25.59 0.08 0.00	25.84 -0.05 0.00	24.76 0.00 0.00	22.24 0.02 0.00	20.39 0.00 0.00	18.91 0.00 0.00	17.80 0.00 0.00	17.51 -0.02 0.00	17.41 -0.02 0.00	18.97 0.00 0.00	22.33 -0.02 0.00	26.72 0.00 0.00	30.56 0.03 0.00	31.28 0.09 0.00	28.34 0.08 0.00	24.03 0.14 0.00	21.35 0.13 0.00
FITZPATRICK____ 23598	20.68 -0.44 0.00	19.02 -0.45 0.00	18.02 -0.39 0.00	17.68 -0.38 0.00	18.15 -0.39 0.00	19.28 -0.43 0.00	22.73 -0.53 0.00	24.93 -0.59 0.00	25.25 -0.65 0.00	24.16 -0.59 0.00	21.69 -0.53 0.00	19.90 -0.49 0.00	18.47 -0.43 0.00	17.38 -0.43 0.00	17.13 -0.40 0.00	17.01 -0.42 0.00	18.51 -0.46 0.00	21.80 -0.56 0.00	26.07 -0.64 0.00	29.80 -0.73 0.00	30.50 -0.69 0.00	27.64 -0.62 0.00	23.41 -0.48 0.00	20.80 -0.42 0.00
FLOWRFLD_69_KV_BK1 356044	26.33 2.35 -2.86	21.61 2.12 -0.02	20.36 1.95 0.00	19.95 1.90 0.00	20.41 1.87 0.00	22.52 2.13 -0.68	25.84 2.56 -0.02	28.24 2.73 0.00	28.88 2.98 -0.01	27.43 2.67 0.00	24.80 2.56 -0.02	22.82 2.41 -0.02	21.04 2.14 0.00	19.74 1.94 0.00	19.51 1.98 0.00	19.52 2.09 0.00	21.28 2.29 -0.02	25.36 2.66 -0.34	29.67 2.94 -0.02	33.94 3.39 -0.02	34.58 3.37 -0.02	31.24 2.97 -0.02	26.37 2.48 0.00	24.23 2.23 -0.78
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	22.82 1.69 0.00	20.96 1.50 0.00	19.79 1.38 0.00	19.39 1.34 0.00	19.87 1.33 0.00	21.15 1.44 0.00	25.03 1.77 0.00	27.38 1.86 0.00	27.94 2.05 0.00	26.71 1.96 0.00	24.02 1.80 0.00	22.07 1.67 0.00	20.42 1.51 0.00	19.28 1.48 0.00	18.99 1.46 0.00	18.89 1.46 0.00	20.56 1.59 0.00	24.19 1.83 0.00	28.91 2.19 0.00	33.03 2.50 0.00	33.65 2.46 0.00	30.43 2.18 0.00	25.70 1.82 0.00	22.78 1.55 0.00
FORT ORANGE____ 23900	21.66 0.53 0.00	19.99 0.53 0.00	18.87 0.46 0.00	18.52 0.47 0.00	19.00 0.46 0.00	20.22 0.51 0.00	23.89 0.63 0.00	26.15 0.64 0.00	26.65 0.75 0.00	25.48 0.72 0.00	22.86 0.64 0.00	20.99 0.59 0.00	19.42 0.51 0.00	18.25 0.45 0.00	17.97 0.44 0.00	17.88 0.45 0.00	19.50 0.53 0.00	23.05 0.69 0.00	27.46 0.75 0.00	31.45 0.92 0.00	32.03 0.84 0.00	28.99 0.73 0.00	24.58 0.69 0.00	21.82 0.59 0.00
FORT_DRUM_COGEN 23780	20.62 -0.51 0.00	18.92 -0.54 0.00	17.91 -0.50 0.00	17.57 -0.49 0.00	18.04 -0.50 0.00	19.18 -0.53 0.00	22.70 -0.56 0.00	24.82 -0.69 0.00	25.01 -0.88 0.00	23.87 -0.89 0.00	21.24 -0.98 0.00	17.10 -1.02 2.27	15.32 -0.95 2.64	14.50 -0.91 2.40	13.84 -0.95 2.74	13.93 -0.98 2.53	15.85 -1.01 2.11	18.89 -0.98 2.48	23.36 -0.88 2.47	29.83 -0.70 0.00	30.88 -0.31 0.00	27.97 -0.28 0.00	23.50 -0.38 0.00	20.82 -0.40 0.00
FOX_HILLS___ESR 323835	22.99 1.86 0.00	21.00 1.54 0.00	19.77 1.36 0.00	19.36 1.30 0.00	19.78 1.24 0.00	21.03 1.32 0.00	24.89 1.63 0.00	27.35 1.84 0.00	28.04 2.15 0.00	26.71 1.96 0.00	24.13 1.91 0.00	22.25 1.86 0.00	21.14 1.72 -0.52	19.89 1.64 -0.45	19.16 1.61 -0.02	19.10 1.66 -0.02	20.77 1.78 -0.02	24.32 1.97 0.00	29.09 2.38 0.00	33.25 2.72 0.00	33.84 2.65 0.00	30.38 2.12 0.00	25.75 1.86 0.00	22.88 1.66 0.00
FPL FAR_ROCK_GT1 24212	26.03 2.05 -2.85	21.33 1.85 -0.01	20.11 1.69 -0.01	19.72 1.66 -0.01	20.20 1.65 -0.01	22.02 1.77 -0.53	25.39 2.12 -0.01	27.73 2.22 0.00	28.18 2.28 -0.01	27.16 2.40 0.00	24.50 2.27 -0.01	22.57 2.16 -0.01	20.87 1.97 0.00	19.60 1.80 0.00	19.30 1.77 0.00	19.31 1.88 0.00	21.03 2.05 -0.01	24.99 2.30 -0.34	29.33 2.62 0.00	33.52 2.99 0.00	34.15 2.96 0.00	30.89 2.63 0.00	25.94 2.05 0.00	23.93 1.93 -0.77



FPL FAR_ROCK_GT2 23815	26.03 2.05 -2.85	21.33 1.85 -0.01	20.11 1.69 -0.01	19.72 1.66 -0.01	20.20 1.65 -0.01	22.02 1.77 -0.53	25.39 2.12 -0.01	27.73 2.22 0.00	28.18 2.28 -0.01	27.16 2.40 0.00	24.50 2.27 -0.01	22.57 2.16 -0.01	20.87 1.97 0.00	19.60 1.80 0.00	19.30 1.77 0.00	19.31 1.88 0.00	21.03 2.05 -0.01	24.99 2.30 -0.34	29.33 2.62 0.00	33.52 2.99 0.00	34.15 2.96 0.00	30.89 2.63 0.00	25.94 2.05 0.00	23.93 1.93 -0.77
FRANKLIN_FALL_HYD 24054	19.99 -1.14 0.00	18.59 -0.88 0.00	17.65 -0.75 0.00	17.28 -0.78 0.00	17.76 -0.78 0.00	18.78 -0.93 0.00	22.28 -0.98 0.00	24.57 -0.94 0.00	24.88 -1.01 0.00	23.62 -1.14 0.00	20.86 -1.36 0.00	8.42 -1.28 10.69	5.27 -1.23 12.41	5.42 -1.12 11.26	3.50 -1.14 12.89	4.48 -1.08 11.87	7.95 -1.10 9.92	9.54 -1.14 11.68	13.81 -1.28 11.62	29.06 -1.47 0.01	29.88 -1.31 0.00	27.10 -1.16 0.00	22.69 -1.19 0.00	20.19 -1.04 0.00
FREEPORT_EQUS_GT1 23764	25.95 1.97 -2.86	21.23 1.75 -0.02	20.03 1.62 -0.01	19.63 1.57 -0.01	20.10 1.56 -0.01	21.95 1.70 -0.55	25.30 2.02 -0.02	27.66 2.14 0.00	28.08 2.18 -0.01	27.06 2.30 0.00	24.42 2.18 -0.02	22.49 2.08 -0.02	20.80 1.89 0.00	19.55 1.75 0.00	19.25 1.72 0.00	19.24 1.81 0.00	20.98 1.99 -0.02	24.93 2.24 -0.34	29.23 2.51 0.00	33.40 2.87 0.00	34.03 2.84 0.00	30.77 2.51 0.00	25.82 1.93 0.00	23.85 1.85 -0.77
FREEPORT___CT2 23818	25.95 1.97 -2.86	21.23 1.75 -0.02	20.03 1.62 -0.01	19.63 1.57 -0.01	20.10 1.56 -0.01	21.95 1.70 -0.55	25.30 2.02 -0.02	27.66 2.14 0.00	28.08 2.18 -0.01	27.06 2.30 0.00	24.42 2.18 -0.02	22.49 2.08 -0.02	20.80 1.89 0.00	19.55 1.75 0.00	19.25 1.72 0.00	19.24 1.81 0.00	20.98 1.99 -0.02	24.93 2.24 -0.34	29.23 2.51 0.00	33.40 2.87 0.00	34.03 2.84 0.00	30.77 2.51 0.00	25.82 1.93 0.00	23.85 1.85 -0.77
FRESHKLS_33_KV_LOAD 356253	23.01 1.88 0.00	20.98 1.52 0.00	19.75 1.34 0.00	19.34 1.28 0.00	19.76 1.22 0.00	20.99 1.28 0.00	24.80 1.54 0.00	27.20 1.68 0.00	27.89 1.99 0.00	26.59 1.83 0.00	24.00 1.78 0.00	22.13 1.73 0.00	21.03 1.61 -0.52	19.80 1.55 -0.45	19.05 1.51 -0.02	19.00 1.55 -0.02	20.67 1.69 -0.02	24.19 1.83 0.00	28.96 2.24 0.00	33.13 2.60 0.00	33.72 2.53 0.00	30.26 2.01 0.00	25.70 1.82 0.00	22.86 1.63 0.00
FULTON COGEN____ 23766	20.88 -0.25 0.00	19.19 -0.27 0.00	18.19 -0.22 0.00	17.82 -0.23 0.00	18.32 -0.22 0.00	19.45 -0.26 0.00	22.94 -0.33 0.00	25.18 -0.33 0.00	25.45 -0.44 0.00	24.39 -0.37 0.00	21.91 -0.31 0.00	20.07 -0.33 0.00	18.62 -0.28 0.00	17.52 -0.28 0.00	17.23 -0.30 0.00	17.13 -0.30 0.00	18.66 -0.30 0.00	21.98 -0.38 0.00	26.31 -0.40 0.00	30.10 -0.43 0.00	30.82 -0.37 0.00	27.92 -0.34 0.00	23.67 -0.21 0.00	21.01 -0.21 0.00
FULTON___LFGE 323630	23.31 2.18 0.00	21.39 1.93 0.00	20.16 1.75 0.00	19.75 1.70 0.00	20.36 1.82 0.00	21.70 1.99 0.00	25.52 2.26 0.00	27.91 2.40 0.00	28.56 2.67 0.00	27.11 2.35 0.00	24.15 1.93 0.00	21.94 1.55 0.00	20.17 1.27 0.00	18.87 1.07 0.00	18.56 1.03 0.00	18.53 1.10 0.00	20.33 1.37 0.00	24.23 1.88 0.00	29.36 2.65 0.00	33.98 3.45 0.00	34.81 3.62 0.00	31.62 3.36 0.00	26.63 2.75 0.00	23.58 2.36 0.00
G.F.CEMENT___DRP 24184	21.97 0.85 0.00	20.20 0.74 0.00	19.01 0.61 0.00	18.65 0.60 0.00	19.21 0.67 0.00	20.46 0.75 0.00	24.17 0.91 0.00	26.46 0.94 0.00	27.06 1.17 0.00	25.82 1.06 0.00	23.09 0.87 0.00	21.13 0.73 0.00	19.53 0.62 0.00	18.29 0.48 0.00	18.02 0.49 0.00	17.93 0.51 0.00	19.57 0.61 0.00	23.21 0.85 0.00	27.84 1.12 0.00	31.93 1.40 0.00	32.56 1.37 0.00	29.50 1.24 0.00	24.84 0.96 0.00	22.05 0.83 0.00
GARDENVILLE___LBMP 24039	20.77 -0.36 0.00	19.05 -0.41 0.00	18.31 -0.09 0.00	17.95 -0.11 0.00	18.43 -0.11 0.00	19.43 -0.28 0.00	22.59 -0.67 0.00	24.62 -0.89 0.00	24.32 -1.58 0.00	23.62 -1.14 0.00	21.40 -0.82 0.00	19.72 -0.67 0.00	18.36 -0.55 0.00	17.25 -0.55 0.00	16.78 -0.75 0.00	16.84 -0.59 0.00	18.30 -0.66 0.00	21.24 -1.12 0.00	25.41 -1.31 0.00	28.97 -1.56 0.00	29.97 -1.22 0.00	27.21 -1.05 0.00	23.43 -0.45 0.00	21.06 -0.17 0.00
GARDNVLA_35_KV_LD 355827	20.88 -0.25 0.00	19.15 -0.31 0.00	18.41 0.00 0.00	18.04 -0.02 0.00	18.50 -0.04 0.00	19.51 -0.20 0.00	22.68 -0.58 0.00	24.72 -0.79 0.00	24.42 -1.48 0.00	23.72 -1.04 0.00	21.51 -0.71 0.00	19.82 -0.57 0.00	18.45 -0.45 0.00	17.34 -0.46 0.00	16.86 -0.67 0.00	16.92 -0.51 0.00	18.40 -0.57 0.00	21.33 -1.03 0.00	25.54 -1.18 0.00	29.13 -1.40 0.00	30.13 -1.06 0.00	27.32 -0.93 0.00	23.55 -0.33 0.00	21.14 -0.08 0.00
GELCKHM___115KV_LOAD 80723	21.07 -0.06 0.00	19.37 -0.10 0.00	18.35 -0.06 0.00	17.98 -0.07 0.00	18.48 -0.06 0.00	19.63 -0.08 0.00	23.14 -0.12 0.00	25.41 -0.10 0.00	25.66 -0.23 0.00	24.58 -0.17 0.00	22.11 -0.11 0.00	20.27 -0.12 0.00	18.79 -0.11 0.00	17.70 -0.11 0.00	17.41 -0.12 0.00	17.31 -0.12 0.00	18.85 -0.11 0.00	22.20 -0.16 0.00	26.56 -0.16 0.00	30.35 -0.18 0.00	31.07 -0.12 0.00	28.14 -0.11 0.00	23.86 -0.02 0.00	21.21 -0.02 0.00
GENERAL___MILLS 23808	20.83 -0.30 0.00	19.11 -0.35 0.00	18.37 -0.04 0.00	18.00 -0.05 0.00	18.46 -0.07 0.00	19.47 -0.24 0.00	22.66 -0.60 0.00	24.67 -0.84 0.00	24.37 -1.53 0.00	23.67 -1.09 0.00	21.46 -0.76 0.00	19.76 -0.63 0.00	18.42 -0.49 0.00	17.31 -0.50 0.00	16.83 -0.70 0.00	16.89 -0.54 0.00	18.36 -0.61 0.00	21.28 -1.07 0.00	25.49 -1.23 0.00	29.06 -1.47 0.00	30.04 -1.15 0.00	27.27 -0.99 0.00	23.50 -0.38 0.00	21.10 -0.13 0.00
GE_PLASTICS___DRP 24183	21.66 0.53 0.00	19.99 0.53 0.00	18.85 0.44 0.00	18.51 0.45 0.00	19.00 0.46 0.00	20.22 0.51 0.00	23.87 0.60 0.00	26.15 0.64 0.00	26.65 0.75 0.00	25.45 0.69 0.00	22.86 0.64 0.00	20.99 0.59 0.00	19.44 0.53 0.00	18.29 0.48 0.00	18.04 0.51 0.00	17.93 0.51 0.00	19.52 0.55 0.00	23.05 0.69 0.00	27.46 0.75 0.00	31.42 0.89 0.00	32.00 0.81 0.00	28.96 0.71 0.00	24.53 0.64 0.00	21.80 0.57 0.00
GILBOA___1 23756	21.87 0.74 0.00	20.13 0.66 0.00	19.01 0.61 0.00	18.65 0.59 0.00	19.15 0.61 0.00	20.38 0.67 0.00	24.03 0.77 0.00	26.33 0.82 0.00	26.78 0.88 0.00	25.62 0.87 0.00	23.06 0.84 0.00	21.17 0.77 0.00	19.63 0.72 0.00	18.48 0.68 0.00	18.25 0.72 0.00	18.11 0.68 0.00	19.69 0.72 0.00	23.21 0.85 0.00	27.70 0.99 0.00	31.66 1.13 0.00	32.25 1.06 0.00	29.22 0.96 0.00	24.67 0.79 0.00	21.93 0.70 0.00
GILBOA___2 23757	21.87 0.74 0.00	20.13 0.66 0.00	19.01 0.61 0.00	18.65 0.59 0.00	19.15 0.61 0.00	20.38 0.67 0.00	24.03 0.77 0.00	26.33 0.82 0.00	26.78 0.88 0.00	25.62 0.87 0.00	23.06 0.84 0.00	21.17 0.77 0.00	19.63 0.72 0.00	18.48 0.68 0.00	18.25 0.72 0.00	18.11 0.68 0.00	19.69 0.72 0.00	23.21 0.85 0.00	27.70 0.99 0.00	31.66 1.13 0.00	32.25 1.06 0.00	29.22 0.96 0.00	24.67 0.79 0.00	21.93 0.70 0.00



GILBOA___3 23758	21.87 0.74 0.00	20.13 0.66 0.00	19.01 0.61 0.00	18.65 0.59 0.00	19.15 0.61 0.00	20.38 0.67 0.00	24.03 0.77 0.00	26.33 0.82 0.00	26.78 0.88 0.00	25.62 0.87 0.00	23.06 0.84 0.00	21.17 0.77 0.00	19.63 0.72 0.00	18.48 0.68 0.00	18.25 0.72 0.00	18.11 0.68 0.00	19.69 0.72 0.00	23.21 0.85 0.00	27.70 0.99 0.00	31.66 1.13 0.00	32.25 1.06 0.00	29.22 0.96 0.00	24.67 0.79 0.00	21.93 0.70 0.00
GILBOA___4 23759	21.87 0.74 0.00	20.13 0.66 0.00	19.01 0.61 0.00	18.65 0.59 0.00	19.15 0.61 0.00	20.38 0.67 0.00	24.03 0.77 0.00	26.33 0.82 0.00	26.78 0.88 0.00	25.62 0.87 0.00	23.06 0.84 0.00	21.17 0.77 0.00	19.63 0.72 0.00	18.48 0.68 0.00	18.25 0.72 0.00	18.11 0.68 0.00	19.69 0.72 0.00	23.21 0.85 0.00	27.70 0.99 0.00	31.66 1.13 0.00	32.25 1.06 0.00	29.22 0.96 0.00	24.67 0.79 0.00	21.93 0.70 0.00
GILBOA___ 23599	21.87 0.74 0.00	20.13 0.66 0.00	19.01 0.61 0.00	18.65 0.60 0.00	19.15 0.61 0.00	20.38 0.67 0.00	24.03 0.77 0.00	26.36 0.84 0.00	26.83 0.93 0.00	25.62 0.87 0.00	23.06 0.84 0.00	21.17 0.77 0.00	19.63 0.72 0.00	18.48 0.68 0.00	18.27 0.74 0.00	18.11 0.68 0.00	19.69 0.72 0.00	23.21 0.85 0.00	27.70 0.99 0.00	31.66 1.13 0.00	32.25 1.06 0.00	29.22 0.96 0.00	24.67 0.79 0.00	21.93 0.70 0.00
GINNA___ 23603	19.90 -1.23 0.00	18.24 -1.23 0.00	17.36 -1.05 0.00	17.03 -1.03 0.00	17.46 -1.08 0.00	18.49 -1.22 0.00	21.75 -1.51 0.00	23.91 -1.61 0.00	24.08 -1.81 0.00	23.05 -1.71 0.00	20.73 -1.49 0.00	19.05 -1.35 0.00	17.70 -1.21 0.00	16.65 -1.16 0.00	16.43 -1.10 0.00	16.26 -1.17 0.00	17.71 -1.25 0.00	20.81 -1.54 0.00	24.87 -1.84 0.00	28.48 -2.05 0.00	29.29 -1.90 0.00	26.53 -1.72 0.00	22.64 -1.24 0.00	20.12 -1.10 0.00
GLEN PARK___ 23778	20.71 -0.42 0.00	19.00 -0.47 0.00	17.98 -0.42 0.00	17.64 -0.41 0.00	18.09 -0.45 0.00	19.26 -0.45 0.00	22.77 -0.49 0.00	24.93 -0.59 0.00	25.14 -0.75 0.00	23.94 -0.82 0.00	21.31 -0.91 0.00	17.26 -0.98 2.15	15.50 -0.91 2.50	14.66 -0.87 2.27	14.02 -0.91 2.59	14.10 -0.94 2.39	16.00 -0.97 2.00	19.09 -0.92 2.35	23.60 -0.78 2.34	30.01 -0.52 0.00	31.04 -0.16 0.00	28.14 -0.11 0.00	23.62 -0.26 0.00	20.93 -0.30 0.00
GLENDALE_27_KV_LOAD 356172	23.01 1.88 0.00	21.04 1.58 0.00	19.82 1.42 0.00	19.43 1.37 0.00	19.85 1.32 0.00	21.15 1.44 0.00	25.05 1.79 0.00	27.53 2.02 0.00	28.20 2.30 0.00	26.89 2.13 0.00	24.29 2.07 0.00	22.37 1.98 0.00	21.26 1.83 -0.52	20.02 1.76 -0.45	19.26 1.72 -0.02	19.21 1.76 -0.02	20.88 1.90 -0.02	24.46 2.10 0.00	29.23 2.51 0.00	33.40 2.87 0.00	34.00 2.81 0.00	30.55 2.29 0.00	25.82 1.93 0.00	22.95 1.72 0.00
GLENWOOD_IC_1_G5 23712	25.80 1.82 -2.86	21.10 1.62 -0.02	19.90 1.49 0.00	19.50 1.44 0.00	19.97 1.43 0.00	21.64 1.54 -0.40	25.14 1.86 -0.02	27.55 2.04 0.00	28.20 2.30 0.00	26.91 2.15 0.00	24.28 2.04 -0.02	22.37 1.96 -0.02	20.70 1.80 0.00	19.48 1.67 0.00	19.20 1.67 0.00	19.14 1.71 0.00	20.84 1.86 -0.02	24.77 2.08 -0.34	29.09 2.38 0.00	33.25 2.72 0.00	33.84 2.65 0.00	30.55 2.29 0.00	25.79 1.91 0.00	23.68 1.68 -0.77
GLENWOOD_IC_2_G1 23688	25.67 1.69 -2.85	21.00 1.52 -0.01	19.80 1.38 -0.01	19.42 1.35 -0.01	19.88 1.34 -0.01	21.34 1.44 -0.19	25.02 1.75 -0.01	27.40 1.89 0.00	27.90 1.99 -0.01	26.79 2.03 0.00	24.14 1.91 -0.01	22.24 1.84 -0.01	20.61 1.70 0.00	19.41 1.60 0.00	19.07 1.54 0.00	19.05 1.62 0.00	20.72 1.74 -0.01	24.66 1.97 -0.34	28.98 2.27 0.00	33.09 2.56 0.00	33.69 2.50 0.00	30.40 2.15 0.00	25.60 1.72 0.00	23.57 1.57 -0.77
GLENWOOD_IC_3_G1 23689	25.67 1.69 -2.85	21.00 1.52 -0.01	19.80 1.38 -0.01	19.42 1.35 -0.01	19.88 1.34 -0.01	21.34 1.44 -0.19	25.02 1.75 -0.01	27.40 1.89 0.00	27.90 1.99 -0.01	26.79 2.03 0.00	24.14 1.91 -0.01	22.24 1.84 -0.01	20.61 1.70 0.00	19.41 1.60 0.00	19.07 1.54 0.00	19.05 1.62 0.00	20.72 1.74 -0.01	24.66 1.97 -0.34	28.98 2.27 0.00	33.09 2.56 0.00	33.69 2.50 0.00	30.40 2.15 0.00	25.60 1.72 0.00	23.57 1.57 -0.77
GLENWOOD___4 23550	25.80 1.82 -2.86	21.10 1.62 -0.02	19.90 1.49 0.00	19.50 1.44 0.00	19.97 1.43 0.00	21.64 1.54 -0.40	25.14 1.86 -0.02	27.55 2.04 0.00	28.20 2.30 0.00	26.91 2.15 0.00	24.28 2.04 -0.02	22.37 1.96 -0.02	20.70 1.80 0.00	19.48 1.67 0.00	19.20 1.67 0.00	19.14 1.71 0.00	20.84 1.86 -0.02	24.77 2.08 -0.34	29.09 2.38 0.00	33.25 2.72 0.00	33.84 2.65 0.00	30.55 2.29 0.00	25.79 1.91 0.00	23.68 1.68 -0.77
GLENWOOD___5 23614	25.80 1.82 -2.86	21.10 1.62 -0.02	19.90 1.49 0.00	19.50 1.44 0.00	19.97 1.43 0.00	21.64 1.54 -0.40	25.14 1.86 -0.02	27.55 2.04 0.00	28.20 2.30 0.00	26.91 2.15 0.00	24.28 2.04 -0.02	22.37 1.96 -0.02	20.70 1.80 0.00	19.48 1.67 0.00	19.20 1.67 0.00	19.14 1.71 0.00	20.84 1.86 -0.02	24.77 2.08 -0.34	29.09 2.38 0.00	33.25 2.72 0.00	33.84 2.65 0.00	30.55 2.29 0.00	25.79 1.91 0.00	23.68 1.68 -0.77
GLOBAL GREEN_PORT_GT1 23814	27.07 3.08 -2.86	22.27 2.78 -0.02	20.99 2.58 -0.01	20.57 2.51 -0.01	21.03 2.48 -0.01	23.27 2.88 -0.68	26.70 3.42 -0.02	28.96 3.44 0.00	29.25 3.34 -0.02	28.20 3.44 0.00	25.53 3.29 -0.02	23.45 3.04 -0.02	21.55 2.65 0.00	20.19 2.39 0.00	19.95 2.42 0.00	20.04 2.61 0.00	21.85 2.86 -0.02	26.10 3.40 -0.34	30.71 3.98 -0.01	35.12 4.58 -0.01	35.82 4.62 -0.01	32.40 4.13 -0.01	27.01 3.13 0.00	25.00 2.99 -0.78
GLOBE___DSASP 323697	20.05 -1.08 0.00	18.37 -1.09 0.00	17.72 -0.68 0.00	17.30 -0.76 0.00	17.72 -0.82 0.00	18.66 -1.04 0.00	21.70 -1.56 0.00	23.55 -1.96 0.00	23.20 -2.69 0.00	22.60 -2.15 0.00	20.55 -1.67 0.00	18.99 -1.41 0.00	17.70 -1.21 0.00	16.65 -1.16 0.00	16.18 -1.35 0.00	16.30 -1.13 0.00	17.71 -1.25 0.00	20.50 -1.86 0.00	24.50 -2.22 0.00	27.87 -2.66 0.00	28.79 -2.40 0.00	26.11 -2.15 0.00	22.52 -1.36 0.00	20.31 -0.91 0.00
GOETHSLN___LBMP 323567	22.80 1.67 0.00	20.90 1.44 0.00	19.69 1.29 0.00	19.30 1.25 0.00	19.74 1.20 0.00	21.03 1.32 0.00	24.89 1.63 0.00	27.35 1.84 0.00	27.99 2.10 0.00	26.71 1.96 0.00	24.11 1.89 0.00	22.19 1.79 0.00	21.12 1.70 -0.51	19.87 1.62 -0.45	19.14 1.60 -0.02	19.07 1.62 -0.02	20.71 1.73 -0.02	24.30 1.95 0.00	28.99 2.27 0.00	33.09 2.56 0.00	33.69 2.50 0.00	30.32 2.06 0.00	25.60 1.72 0.00	22.73 1.51 0.00
GOLAH___69_KV_TB 1_2 80279	20.81 -0.32 0.00	19.07 -0.39 0.00	18.24 -0.17 0.00	17.91 -0.14 0.00	18.37 -0.17 0.00	19.43 -0.28 0.00	22.75 -0.51 0.00	24.85 -0.66 0.00	24.70 -1.19 0.00	23.89 -0.87 0.00	21.55 -0.67 0.00	19.82 -0.57 0.00	18.43 -0.47 0.00	17.34 -0.46 0.00	16.95 -0.58 0.00	16.96 -0.47 0.00	18.44 -0.53 0.00	21.53 -0.83 0.00	25.75 -0.96 0.00	29.52 -1.01 0.00	30.41 -0.78 0.00	27.55 -0.71 0.00	23.52 -0.36 0.00	21.10 -0.13 0.00



GOODYEAR_LAKE_HYD 323669	22.21 1.08 0.00	20.42 0.95 0.00	19.33 0.92 0.00	18.94 0.88 0.00	19.45 0.91 0.00	20.69 0.99 0.00	24.40 1.14 0.00	26.79 1.28 0.00	27.24 1.35 0.00	26.07 1.31 0.00	23.38 1.16 0.00	21.39 1.00 0.00	19.81 0.91 0.00	18.64 0.84 0.00	18.34 0.81 0.00	18.20 0.77 0.00	19.84 0.87 0.00	23.43 1.07 0.00	28.10 1.39 0.00	32.18 1.65 0.00	32.94 1.75 0.00	29.87 1.61 0.00	25.20 1.31 0.00	22.37 1.15 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	21.49 0.36 0.00	19.76 0.29 0.00	18.77 0.37 0.00	18.40 0.34 0.00	18.89 0.35 0.00	20.08 0.37 0.00	23.61 0.35 0.00	25.90 0.38 0.00	26.08 0.18 0.00	25.00 0.25 0.00	22.51 0.29 0.00	20.66 0.27 0.00	19.17 0.26 0.00	18.05 0.25 0.00	17.72 0.19 0.00	17.64 0.21 0.00	19.21 0.25 0.00	22.56 0.20 0.00	27.01 0.29 0.00	30.84 0.31 0.00	31.56 0.37 0.00	28.62 0.37 0.00	24.31 0.43 0.00	21.61 0.38 0.00
GOUDEY___7 23579	21.51 0.38 0.00	19.78 0.31 0.00	18.79 0.39 0.00	18.42 0.36 0.00	18.91 0.37 0.00	20.08 0.37 0.00	23.63 0.37 0.00	25.92 0.41 0.00	26.10 0.21 0.00	25.03 0.27 0.00	22.53 0.31 0.00	20.68 0.29 0.00	19.19 0.28 0.00	18.07 0.27 0.00	17.74 0.21 0.00	17.66 0.23 0.00	19.23 0.27 0.00	22.58 0.22 0.00	27.04 0.32 0.00	30.87 0.34 0.00	31.60 0.41 0.00	28.65 0.40 0.00	24.34 0.45 0.00	21.63 0.40 0.00
GOUDEY___8 23580	21.49 0.36 0.00	19.76 0.29 0.00	18.77 0.37 0.00	18.40 0.34 0.00	18.89 0.35 0.00	20.08 0.37 0.00	23.61 0.35 0.00	25.90 0.38 0.00	26.08 0.18 0.00	25.00 0.25 0.00	22.51 0.29 0.00	20.66 0.27 0.00	19.17 0.26 0.00	18.05 0.25 0.00	17.72 0.19 0.00	17.64 0.21 0.00	19.21 0.25 0.00	22.56 0.20 0.00	27.01 0.29 0.00	30.84 0.31 0.00	31.56 0.37 0.00	28.62 0.37 0.00	24.31 0.43 0.00	21.61 0.38 0.00
GOWANUS_GT1_1 24077	22.99 1.86 0.00	21.00 1.54 0.00	19.77 1.36 0.00	19.37 1.32 0.00	19.80 1.26 0.00	21.07 1.36 0.00	24.94 1.67 0.00	27.40 1.89 0.00	28.10 2.20 0.00	26.79 2.03 0.00	24.20 1.98 0.00	22.31 1.92 0.00	21.20 1.78 -0.52	19.95 1.69 -0.45	19.21 1.67 -0.02	19.15 1.71 -0.02	20.82 1.84 -0.02	24.37 2.01 0.00	29.15 2.43 0.00	33.31 2.78 0.00	33.90 2.71 0.00	30.43 2.18 0.00	25.77 1.89 0.00	22.90 1.68 0.00
GOWANUS_GT1_2 24078	22.99 1.86 0.00	21.00 1.54 0.00	19.77 1.36 0.00	19.37 1.32 0.00	19.80 1.26 0.00	21.07 1.36 0.00	24.94 1.67 0.00	27.40 1.89 0.00	28.10 2.20 0.00	26.79 2.03 0.00	24.20 1.98 0.00	22.31 1.92 0.00	21.20 1.78 -0.52	19.95 1.69 -0.45	19.21 1.67 -0.02	19.15 1.71 -0.02	20.82 1.84 -0.02	24.37 2.01 0.00	29.15 2.43 0.00	33.31 2.78 0.00	33.90 2.71 0.00	30.43 2.18 0.00	25.77 1.89 0.00	22.90 1.68 0.00
GOWANUS_GT1_3 24079	22.99 1.86 0.00	21.00 1.54 0.00	19.77 1.36 0.00	19.37 1.32 0.00	19.80 1.26 0.00	21.07 1.36 0.00	24.94 1.67 0.00	27.40 1.89 0.00	28.10 2.20 0.00	26.79 2.03 0.00	24.20 1.98 0.00	22.31 1.92 0.00	21.20 1.78 -0.52	19.95 1.69 -0.45	19.21 1.67 -0.02	19.15 1.71 -0.02	20.82 1.84 -0.02	24.37 2.01 0.00	29.15 2.43 0.00	33.31 2.78 0.00	33.90 2.71 0.00	30.43 2.18 0.00	25.77 1.89 0.00	22.90 1.68 0.00
GOWANUS_GT1_4 24080	22.99 1.86 0.00	21.00 1.54 0.00	19.77 1.36 0.00	19.37 1.32 0.00	19.80 1.26 0.00	21.07 1.36 0.00	24.94 1.67 0.00	27.40 1.89 0.00	28.10 2.20 0.00	26.79 2.03 0.00	24.20 1.98 0.00	22.31 1.92 0.00	21.20 1.78 -0.52	19.95 1.69 -0.45	19.21 1.67 -0.02	19.15 1.71 -0.02	20.82 1.84 -0.02	24.37 2.01 0.00	29.15 2.43 0.00	33.31 2.78 0.00	33.90 2.71 0.00	30.43 2.18 0.00	25.77 1.89 0.00	22.90 1.68 0.00
GOWANUS_GT1_5 24084	22.99 1.86 0.00	21.00 1.54 0.00	19.77 1.36 0.00	19.37 1.32 0.00	19.80 1.26 0.00	21.07 1.36 0.00	24.94 1.67 0.00	27.40 1.89 0.00	28.10 2.20 0.00	26.79 2.03 0.00	24.20 1.98 0.00	22.31 1.92 0.00	21.20 1.78 -0.52	19.95 1.69 -0.45	19.21 1.67 -0.02	19.15 1.71 -0.02	20.82 1.84 -0.02	24.37 2.01 0.00	29.15 2.43 0.00	33.31 2.78 0.00	33.90 2.71 0.00	30.43 2.18 0.00	25.77 1.89 0.00	22.90 1.68 0.00
GOWANUS_GT1_6 24111	22.99 1.86 0.00	21.00 1.54 0.00	19.77 1.36 0.00	19.37 1.32 0.00	19.80 1.26 0.00	21.07 1.36 0.00	24.94 1.67 0.00	27.40 1.89 0.00	28.10 2.20 0.00	26.79 2.03 0.00	24.20 1.98 0.00	22.31 1.92 0.00	21.20 1.78 -0.52	19.95 1.69 -0.45	19.21 1.67 -0.02	19.15 1.71 -0.02	20.82 1.84 -0.02	24.37 2.01 0.00	29.15 2.43 0.00	33.31 2.78 0.00	33.90 2.71 0.00	30.43 2.18 0.00	25.77 1.89 0.00	22.90 1.68 0.00
GOWANUS_GT1_7 24112	22.99 1.86 0.00	21.00 1.54 0.00	19.77 1.36 0.00	19.37 1.32 0.00	19.80 1.26 0.00	21.07 1.36 0.00	24.94 1.67 0.00	27.40 1.89 0.00	28.10 2.20 0.00	26.79 2.03 0.00	24.20 1.98 0.00	22.31 1.92 0.00	21.20 1.78 -0.52	19.95 1.69 -0.45	19.21 1.67 -0.02	19.15 1.71 -0.02	20.82 1.84 -0.02	24.37 2.01 0.00	29.15 2.43 0.00	33.31 2.78 0.00	33.90 2.71 0.00	30.43 2.18 0.00	25.77 1.89 0.00	22.90 1.68 0.00
GOWANUS_GT1_8 24113	22.99 1.86 0.00	21.00 1.54 0.00	19.77 1.36 0.00	19.37 1.32 0.00	19.80 1.26 0.00	21.07 1.36 0.00	24.94 1.67 0.00	27.40 1.89 0.00	28.10 2.20 0.00	26.79 2.03 0.00	24.20 1.98 0.00	22.31 1.92 0.00	21.20 1.78 -0.52	19.95 1.69 -0.45	19.21 1.67 -0.02	19.15 1.71 -0.02	20.82 1.84 -0.02	24.37 2.01 0.00	29.15 2.43 0.00	33.31 2.78 0.00	33.90 2.71 0.00	30.43 2.18 0.00	25.77 1.89 0.00	22.90 1.68 0.00
GOWANUS_GT2_1 24114	22.99 1.86 0.00	21.00 1.54 0.00	19.77 1.36 0.00	19.37 1.32 0.00	19.80 1.26 0.00	21.07 1.36 0.00	24.94 1.68 0.00	27.40 1.89 0.00	27.99 2.10 0.00	26.79 2.03 0.00	24.20 1.98 0.00	22.31 1.92 0.00	21.20 1.78 -0.52	19.95 1.69 -0.45	19.18 1.63 -0.02	19.15 1.71 -0.02	20.82 1.84 -0.02	24.37 2.01 0.00	29.15 2.43 0.00	33.31 2.78 0.00	33.94 2.75 0.00	30.43 2.18 0.00	25.75 1.86 0.00	22.90 1.68 0.00
GOWANUS_GT2_2 24115	22.99 1.86 0.00	21.00 1.54 0.00	19.77 1.36 0.00	19.37 1.32 0.00	19.80 1.26 0.00	21.07 1.36 0.00	24.94 1.68 0.00	27.40 1.89 0.00	27.99 2.10 0.00	26.79 2.03 0.00	24.20 1.98 0.00	22.31 1.92 0.00	21.20 1.78 -0.52	19.95 1.69 -0.45	19.18 1.63 -0.02	19.15 1.71 -0.02	20.82 1.84 -0.02	24.37 2.01 0.00	29.15 2.43 0.00	33.31 2.78 0.00	33.94 2.75 0.00	30.43 2.18 0.00	25.75 1.86 0.00	22.90 1.68 0.00
GOWANUS_GT2_3 24116	22.99 1.86 0.00	21.00 1.54 0.00	19.77 1.36 0.00	19.37 1.32 0.00	19.80 1.26 0.00	21.07 1.36 0.00	24.94 1.68 0.00	27.40 1.89 0.00	27.99 2.10 0.00	26.79 2.03 0.00	24.20 1.98 0.00	22.31 1.92 0.00	21.20 1.78 -0.52	19.95 1.69 -0.45	19.18 1.63 -0.02	19.15 1.71 -0.02	20.82 1.84 -0.02	24.37 2.01 0.00	29.15 2.43 0.00	33.31 2.78 0.00	33.94 2.75 0.00	30.43 2.18 0.00	25.75 1.86 0.00	22.90 1.68 0.00



GOWANUS_GT2_4 24117	22.99 <u>1.86</u> 0.00	21.00 <u>1.54</u> 0.00	19.77 <u>1.36</u> 0.00	19.37 <u>1.32</u> 0.00	19.80 <u>1.26</u> 0.00	21.07 <u>1.36</u> 0.00	24.94 <u>1.68</u> 0.00	27.40 <u>1.89</u> 0.00	27.99 <u>2.10</u> 0.00	26.79 <u>2.03</u> 0.00	24.20 <u>1.98</u> 0.00	22.31 <u>1.92</u> 0.00	21.20 <u>1.78</u> -0.52	19.95 <u>1.69</u> -0.45	19.18 <u>1.63</u> -0.02	19.15 <u>1.71</u> -0.02	20.82 <u>1.84</u> -0.02	24.37 <u>2.01</u> 0.00	29.15 <u>2.43</u> 0.00	33.31 <u>2.78</u> 0.00	33.94 <u>2.75</u> 0.00	30.43 <u>2.18</u> 0.00	25.75 <u>1.86</u> 0.00	22.90 <u>1.68</u> 0.00
GOWANUS_GT2_5 24118	22.99 <u>1.86</u> 0.00	21.00 <u>1.54</u> 0.00	19.77 <u>1.36</u> 0.00	19.37 <u>1.32</u> 0.00	19.80 <u>1.26</u> 0.00	21.07 <u>1.36</u> 0.00	24.94 <u>1.68</u> 0.00	27.40 <u>1.89</u> 0.00	27.99 <u>2.10</u> 0.00	26.79 <u>2.03</u> 0.00	24.20 <u>1.98</u> 0.00	22.31 <u>1.92</u> 0.00	21.20 <u>1.78</u> -0.52	19.95 <u>1.69</u> -0.45	19.18 <u>1.63</u> -0.02	19.15 <u>1.71</u> -0.02	20.82 <u>1.84</u> -0.02	24.37 <u>2.01</u> 0.00	29.15 <u>2.43</u> 0.00	33.31 <u>2.78</u> 0.00	33.94 <u>2.75</u> 0.00	30.43 <u>2.18</u> 0.00	25.75 <u>1.86</u> 0.00	22.90 <u>1.68</u> 0.00
GOWANUS_GT2_6 24119	22.99 <u>1.86</u> 0.00	21.00 <u>1.54</u> 0.00	19.77 <u>1.36</u> 0.00	19.37 <u>1.32</u> 0.00	19.80 <u>1.26</u> 0.00	21.07 <u>1.36</u> 0.00	24.94 <u>1.68</u> 0.00	27.40 <u>1.89</u> 0.00	27.99 <u>2.10</u> 0.00	26.79 <u>2.03</u> 0.00	24.20 <u>1.98</u> 0.00	22.31 <u>1.92</u> 0.00	21.20 <u>1.78</u> -0.52	19.95 <u>1.69</u> -0.45	19.18 <u>1.63</u> -0.02	19.15 <u>1.71</u> -0.02	20.82 <u>1.84</u> -0.02	24.37 <u>2.01</u> 0.00	29.15 <u>2.43</u> 0.00	33.31 <u>2.78</u> 0.00	33.94 <u>2.75</u> 0.00	30.43 <u>2.18</u> 0.00	25.75 <u>1.86</u> 0.00	22.90 <u>1.68</u> 0.00
GOWANUS_GT2_7 24120	22.99 <u>1.86</u> 0.00	21.00 <u>1.54</u> 0.00	19.77 <u>1.36</u> 0.00	19.37 <u>1.32</u> 0.00	19.80 <u>1.26</u> 0.00	21.07 <u>1.36</u> 0.00	24.94 <u>1.68</u> 0.00	27.40 <u>1.89</u> 0.00	27.99 <u>2.10</u> 0.00	26.79 <u>2.03</u> 0.00	24.20 <u>1.98</u> 0.00	22.31 <u>1.92</u> 0.00	21.20 <u>1.78</u> -0.52	19.95 <u>1.69</u> -0.45	19.18 <u>1.63</u> -0.02	19.15 <u>1.71</u> -0.02	20.82 <u>1.84</u> -0.02	24.37 <u>2.01</u> 0.00	29.15 <u>2.43</u> 0.00	33.31 <u>2.78</u> 0.00	33.94 <u>2.75</u> 0.00	30.43 <u>2.18</u> 0.00	25.75 <u>1.86</u> 0.00	22.90 <u>1.68</u> 0.00
GOWANUS_GT2_8 24121	22.99 <u>1.86</u> 0.00	21.00 <u>1.54</u> 0.00	19.77 <u>1.36</u> 0.00	19.37 <u>1.32</u> 0.00	19.80 <u>1.26</u> 0.00	21.07 <u>1.36</u> 0.00	24.94 <u>1.68</u> 0.00	27.40 <u>1.89</u> 0.00	27.99 <u>2.10</u> 0.00	26.79 <u>2.03</u> 0.00	24.20 <u>1.98</u> 0.00	22.31 <u>1.92</u> 0.00	21.20 <u>1.78</u> -0.52	19.95 <u>1.69</u> -0.45	19.18 <u>1.63</u> -0.02	19.15 <u>1.71</u> -0.02	20.82 <u>1.84</u> -0.02	24.37 <u>2.01</u> 0.00	29.15 <u>2.43</u> 0.00	33.31 <u>2.78</u> 0.00	33.94 <u>2.75</u> 0.00	30.43 <u>2.18</u> 0.00	25.75 <u>1.86</u> 0.00	22.90 <u>1.68</u> 0.00
GOWANUS_GT3_1 24122	22.99 <u>1.86</u> 0.00	21.00 <u>1.54</u> 0.00	19.77 <u>1.36</u> 0.00	19.37 <u>1.32</u> 0.00	19.80 <u>1.26</u> 0.00	21.07 <u>1.36</u> 0.00	24.94 <u>1.68</u> 0.00	27.40 <u>1.89</u> 0.00	27.99 <u>2.10</u> 0.00	26.79 <u>2.03</u> 0.00	24.20 <u>1.98</u> 0.00	22.31 <u>1.92</u> 0.00	21.20 <u>1.78</u> -0.52	19.95 <u>1.69</u> -0.45	19.18 <u>1.63</u> -0.02	19.15 <u>1.71</u> -0.02	20.82 <u>1.84</u> -0.02	24.37 <u>2.01</u> 0.00	29.15 <u>2.43</u> 0.00	33.31 <u>2.78</u> 0.00	33.94 <u>2.75</u> 0.00	30.43 <u>2.18</u> 0.00	25.75 <u>1.86</u> 0.00	22.90 <u>1.68</u> 0.00
GOWANUS_GT3_2 24123	22.99 <u>1.86</u> 0.00	21.00 <u>1.54</u> 0.00	19.77 <u>1.36</u> 0.00	19.37 <u>1.32</u> 0.00	19.80 <u>1.26</u> 0.00	21.07 <u>1.36</u> 0.00	24.94 <u>1.68</u> 0.00	27.40 <u>1.89</u> 0.00	27.99 <u>2.10</u> 0.00	26.79 <u>2.03</u> 0.00	24.20 <u>1.98</u> 0.00	22.31 <u>1.92</u> 0.00	21.20 <u>1.78</u> -0.52	19.95 <u>1.69</u> -0.45	19.18 <u>1.63</u> -0.02	19.15 <u>1.71</u> -0.02	20.82 <u>1.84</u> -0.02	24.37 <u>2.01</u> 0.00	29.15 <u>2.43</u> 0.00	33.31 <u>2.78</u> 0.00	33.94 <u>2.75</u> 0.00	30.43 <u>2.18</u> 0.00	25.75 <u>1.86</u> 0.00	22.90 <u>1.68</u> 0.00
GOWANUS_GT3_3 24124	22.99 <u>1.86</u> 0.00	21.00 <u>1.54</u> 0.00	19.77 <u>1.36</u> 0.00	19.37 <u>1.32</u> 0.00	19.80 <u>1.26</u> 0.00	21.07 <u>1.36</u> 0.00	24.94 <u>1.68</u> 0.00	27.40 <u>1.89</u> 0.00	27.99 <u>2.10</u> 0.00	26.79 <u>2.03</u> 0.00	24.20 <u>1.98</u> 0.00	22.31 <u>1.92</u> 0.00	21.20 <u>1.78</u> -0.52	19.95 <u>1.69</u> -0.45	19.18 <u>1.63</u> -0.02	19.15 <u>1.71</u> -0.02	20.82 <u>1.84</u> -0.02	24.37 <u>2.01</u> 0.00	29.15 <u>2.43</u> 0.00	33.31 <u>2.78</u> 0.00	33.94 <u>2.75</u> 0.00	30.43 <u>2.18</u> 0.00	25.75 <u>1.86</u> 0.00	22.90 <u>1.68</u> 0.00
GOWANUS_GT3_4 24125	22.99 <u>1.86</u> 0.00	21.00 <u>1.54</u> 0.00	19.77 <u>1.36</u> 0.00	19.37 <u>1.32</u> 0.00	19.80 <u>1.26</u> 0.00	21.07 <u>1.36</u> 0.00	24.94 <u>1.68</u> 0.00	27.40 <u>1.89</u> 0.00	27.99 <u>2.10</u> 0.00	26.79 <u>2.03</u> 0.00	24.20 <u>1.98</u> 0.00	22.31 <u>1.92</u> 0.00	21.20 <u>1.78</u> -0.52	19.95 <u>1.69</u> -0.45	19.18 <u>1.63</u> -0.02	19.15 <u>1.71</u> -0.02	20.82 <u>1.84</u> -0.02	24.37 <u>2.01</u> 0.00	29.15 <u>2.43</u> 0.00	33.31 <u>2.78</u> 0.00	33.94 <u>2.75</u> 0.00	30.43 <u>2.18</u> 0.00	25.75 <u>1.86</u> 0.00	22.90 <u>1.68</u> 0.00
GOWANUS_GT3_5 24126	22.99 <u>1.86</u> 0.00	21.00 <u>1.54</u> 0.00	19.77 <u>1.36</u> 0.00	19.37 <u>1.32</u> 0.00	19.80 <u>1.26</u> 0.00	21.07 <u>1.36</u> 0.00	24.94 <u>1.68</u> 0.00	27.40 <u>1.89</u> 0.00	27.99 <u>2.10</u> 0.00	26.79 <u>2.03</u> 0.00	24.20 <u>1.98</u> 0.00	22.31 <u>1.92</u> 0.00	21.20 <u>1.78</u> -0.52	19.95 <u>1.69</u> -0.45	19.18 <u>1.63</u> -0.02	19.15 <u>1.71</u> -0.02	20.82 <u>1.84</u> -0.02	24.37 <u>2.01</u> 0.00	29.15 <u>2.43</u> 0.00	33.31 <u>2.78</u> 0.00	33.94 <u>2.75</u> 0.00	30.43 <u>2.18</u> 0.00	25.75 <u>1.86</u> 0.00	22.90 <u>1.68</u> 0.00
GOWANUS_GT3_6 24127	22.99 <u>1.86</u> 0.00	21.00 <u>1.54</u> 0.00	19.77 <u>1.36</u> 0.00	19.37 <u>1.32</u> 0.00	19.80 <u>1.26</u> 0.00	21.07 <u>1.36</u> 0.00	24.94 <u>1.68</u> 0.00	27.40 <u>1.89</u> 0.00	27.99 <u>2.10</u> 0.00	26.79 <u>2.03</u> 0.00	24.20 <u>1.98</u> 0.00	22.31 <u>1.92</u> 0.00	21.20 <u>1.78</u> -0.52	19.95 <u>1.69</u> -0.45	19.18 <u>1.63</u> -0.02	19.15 <u>1.71</u> -0.02	20.82 <u>1.84</u> -0.02	24.37 <u>2.01</u> 0.00	29.15 <u>2.43</u> 0.00	33.31 <u>2.78</u> 0.00	33.94 <u>2.75</u> 0.00	30.43 <u>2.18</u> 0.00	25.75 <u>1.86</u> 0.00	22.90 <u>1.68</u> 0.00
GOWANUS_GT3_7 24128	22.99 <u>1.86</u> 0.00	21.00 <u>1.54</u> 0.00	19.77 <u>1.36</u> 0.00	19.37 <u>1.32</u> 0.00	19.80 <u>1.26</u> 0.00	21.07 <u>1.36</u> 0.00	24.94 <u>1.68</u> 0.00	27.40 <u>1.89</u> 0.00	27.99 <u>2.10</u> 0.00	26.79 <u>2.03</u> 0.00	24.20 <u>1.98</u> 0.00	22.31 <u>1.92</u> 0.00	21.20 <u>1.78</u> -0.52	19.95 <u>1.69</u> -0.45	19.18 <u>1.63</u> -0.02	19.15 <u>1.71</u> -0.02	20.82 <u>1.84</u> -0.02	24.37 <u>2.01</u> 0.00	29.15 <u>2.43</u> 0.00	33.31 <u>2.78</u> 0.00	33.94 <u>2.75</u> 0.00	30.43 <u>2.18</u> 0.00	25.75 <u>1.86</u> 0.00	22.90 <u>1.68</u> 0.00
GOWANUS_GT3_8 24129	22.99 <u>1.86</u> 0.00	21.00 <u>1.54</u> 0.00	19.77 <u>1.36</u> 0.00	19.37 <u>1.32</u> 0.00	19.80 <u>1.26</u> 0.00	21.07 <u>1.36</u> 0.00	24.94 <u>1.68</u> 0.00	27.40 <u>1.89</u> 0.00	27.99 <u>2.10</u> 0.00	26.79 <u>2.03</u> 0.00	24.20 <u>1.98</u> 0.00	22.31 <u>1.92</u> 0.00	21.20 <u>1.78</u> -0.52	19.95 <u>1.69</u> -0.45	19.18 <u>1.63</u> -0.02	19.15 <u>1.71</u> -0.02	20.82 <u>1.84</u> -0.02	24.37 <u>2.01</u> 0.00	29.15 <u>2.43</u> 0.00	33.31 <u>2.78</u> 0.00	33.94 <u>2.75</u> 0.00	30.43 <u>2.18</u> 0.00	25.75 <u>1.86</u> 0.00	22.90 <u>1.68</u> 0.00
GOWANUS_GT4_1 24130	22.99 <u>1.86</u> 0.00	21.00 <u>1.54</u> 0.00	19.77 <u>1.36</u> 0.00	19.37 <u>1.32</u> 0.00	19.80 <u>1.26</u> 0.00	21.07 <u>1.36</u> 0.00	24.94 <u>1.67</u> 0.00	27.40 <u>1.89</u> 0.00	28.10 <u>2.20</u> 0.00	26.79 <u>2.03</u> 0.00	24.20 <u>1.98</u> 0.00	22.31 <u>1.92</u> 0.00	21.20 <u>1.78</u> -0.52	19.95 <u>1.69</u> -0.45	19.21 <u>1.67</u> -0.02	19.15 <u>1.71</u> -0.02	20.82 <u>1.84</u> -0.02	24.37 <u>2.01</u> 0.00	29.15 <u>2.43</u> 0.00	33.31 <u>2.78</u> 0.00	33.90 <u>2.71</u> 0.00	30.43 <u>2.18</u> 0.00	25.77 <u>1.89</u> 0.00	22.90 <u>1.68</u> 0.00
GOWANUS_GT4_2 24131	22.99 <u>1.86</u> 0.00	21.00 <u>1.54</u> 0.00	19.77 <u>1.36</u> 0.00	19.37 <u>1.32</u> 0.00	19.80 <u>1.26</u> 0.00	21.07 <u>1.36</u> 0.00	24.94 <u>1.67</u> 0.00	27.40 <u>1.89</u> 0.00	28.10 <u>2.20</u> 0.00	26.79 <u>2.03</u> 0.00	24.20 <u>1.98</u> 0.00	22.31 <u>1.92</u> 0.00	21.20 <u>1.78</u> -0.52	19.95 <u>1.69</u> -0.45	19.21 <u>1.67</u> -0.02	19.15 <u>1.71</u> -0.02	20.82 <u>1.84</u> -0.02	24.37 <u>2.01</u> 0.00	29.15 <u>2.43</u> 0.00	33.31 <u>2.78</u> 0.00	33.90 <u>2.71</u> 0.00	30.43 <u>2.18</u> 0.00	25.77 <u>1.89</u> 0.00	22.90 <u>1.68</u> 0.00



GOWANUS_GT4_3 24132	22.99 1.86 0.00	21.00 1.54 0.00	19.77 1.36 0.00	19.37 1.32 0.00	19.80 1.26 0.00	21.07 1.36 0.00	24.94 1.67 0.00	27.40 1.89 0.00	28.10 2.20 0.00	26.79 2.03 0.00	24.20 1.98 0.00	22.31 1.92 0.00	21.20 1.78 -0.52	19.95 1.69 -0.45	19.21 1.67 -0.02	19.15 1.71 -0.02	20.82 1.84 -0.02	24.37 2.01 0.00	29.15 2.43 0.00	33.31 2.78 0.00	33.90 2.71 0.00	30.43 2.18 0.00	25.77 1.89 0.00	22.90 1.68 0.00
GOWANUS_GT4_4 24133	22.99 1.86 0.00	21.00 1.54 0.00	19.77 1.36 0.00	19.37 1.32 0.00	19.80 1.26 0.00	21.07 1.36 0.00	24.94 1.67 0.00	27.40 1.89 0.00	28.10 2.20 0.00	26.79 2.03 0.00	24.20 1.98 0.00	22.31 1.92 0.00	21.20 1.78 -0.52	19.95 1.69 -0.45	19.21 1.67 -0.02	19.15 1.71 -0.02	20.82 1.84 -0.02	24.37 2.01 0.00	29.15 2.43 0.00	33.31 2.78 0.00	33.90 2.71 0.00	30.43 2.18 0.00	25.77 1.89 0.00	22.90 1.68 0.00
GOWANUS_GT4_5 24134	22.99 1.86 0.00	21.00 1.54 0.00	19.77 1.36 0.00	19.37 1.32 0.00	19.80 1.26 0.00	21.07 1.36 0.00	24.94 1.67 0.00	27.40 1.89 0.00	28.10 2.20 0.00	26.79 2.03 0.00	24.20 1.98 0.00	22.31 1.92 0.00	21.20 1.78 -0.52	19.95 1.69 -0.45	19.21 1.67 -0.02	19.15 1.71 -0.02	20.82 1.84 -0.02	24.37 2.01 0.00	29.15 2.43 0.00	33.31 2.78 0.00	33.90 2.71 0.00	30.43 2.18 0.00	25.77 1.89 0.00	22.90 1.68 0.00
GOWANUS_GT4_6 24135	22.99 1.86 0.00	21.00 1.54 0.00	19.77 1.36 0.00	19.37 1.32 0.00	19.80 1.26 0.00	21.07 1.36 0.00	24.94 1.67 0.00	27.40 1.89 0.00	28.10 2.20 0.00	26.79 2.03 0.00	24.20 1.98 0.00	22.31 1.92 0.00	21.20 1.78 -0.52	19.95 1.69 -0.45	19.21 1.67 -0.02	19.15 1.71 -0.02	20.82 1.84 -0.02	24.37 2.01 0.00	29.15 2.43 0.00	33.31 2.78 0.00	33.90 2.71 0.00	30.43 2.18 0.00	25.77 1.89 0.00	22.90 1.68 0.00
GOWANUS_GT4_7 24136	22.99 1.86 0.00	21.00 1.54 0.00	19.77 1.36 0.00	19.37 1.32 0.00	19.80 1.26 0.00	21.07 1.36 0.00	24.94 1.67 0.00	27.40 1.89 0.00	28.10 2.20 0.00	26.79 2.03 0.00	24.20 1.98 0.00	22.31 1.92 0.00	21.20 1.78 -0.52	19.95 1.69 -0.45	19.21 1.67 -0.02	19.15 1.71 -0.02	20.82 1.84 -0.02	24.37 2.01 0.00	29.15 2.43 0.00	33.31 2.78 0.00	33.90 2.71 0.00	30.43 2.18 0.00	25.77 1.89 0.00	22.90 1.68 0.00
GOWANUS_GT4_8 24137	22.99 1.86 0.00	21.00 1.54 0.00	19.77 1.36 0.00	19.37 1.32 0.00	19.80 1.26 0.00	21.07 1.36 0.00	24.94 1.67 0.00	27.40 1.89 0.00	28.10 2.20 0.00	26.79 2.03 0.00	24.20 1.98 0.00	22.31 1.92 0.00	21.20 1.78 -0.52	19.95 1.69 -0.45	19.21 1.67 -0.02	19.15 1.71 -0.02	20.82 1.84 -0.02	24.37 2.01 0.00	29.15 2.43 0.00	33.31 2.78 0.00	33.90 2.71 0.00	30.43 2.18 0.00	25.77 1.89 0.00	22.90 1.68 0.00
GREENBSH_115KV_TB3 55895	21.55 0.42 0.00	19.91 0.45 0.00	18.77 0.37 0.00	18.45 0.40 0.00	18.93 0.39 0.00	20.14 0.43 0.00	23.80 0.53 0.00	26.05 0.54 0.00	26.59 0.70 0.00	25.38 0.62 0.00	22.82 0.60 0.00	20.94 0.55 0.00	19.38 0.47 0.00	18.23 0.43 0.00	17.97 0.44 0.00	17.86 0.44 0.00	19.46 0.49 0.00	22.98 0.63 0.00	27.36 0.64 0.00	31.29 0.76 0.00	31.88 0.69 0.00	28.85 0.59 0.00	24.46 0.57 0.00	21.74 0.51 0.00
GREENIDGE_115KV_TB5 80291	21.38 0.25 0.00	19.62 0.16 0.00	18.70 0.29 0.00	18.33 0.27 0.00	18.83 0.30 0.00	19.99 0.28 0.00	23.49 0.23 0.00	25.82 0.31 0.00	25.79 -0.10 0.00	24.76 0.00 0.00	22.24 0.02 0.00	20.37 -0.02 0.00	18.93 0.02 0.00	17.79 -0.02 0.00	17.43 -0.11 0.00	17.38 -0.05 0.00	18.93 -0.04 0.00	22.22 -0.13 0.00	26.69 -0.03 0.00	30.56 0.03 0.00	31.38 0.19 0.00	28.45 0.20 0.00	24.27 0.38 0.00	21.59 0.36 0.00
GREENIDGE___3 23582	21.38 0.25 0.00	19.62 0.16 0.00	18.70 0.29 0.00	18.33 0.27 0.00	18.83 0.30 0.00	19.99 0.28 0.00	23.49 0.23 0.00	25.82 0.31 0.00	25.79 -0.10 0.00	24.76 0.00 0.00	22.24 0.02 0.00	20.37 -0.02 0.00	18.93 0.02 0.00	17.79 -0.02 0.00	17.43 -0.11 0.00	17.38 -0.05 0.00	18.93 -0.04 0.00	22.22 -0.13 0.00	26.69 -0.03 0.00	30.56 0.03 0.00	31.38 0.19 0.00	28.45 0.20 0.00	24.27 0.38 0.00	21.59 0.36 0.00
GREENIDGE___4 23583	21.38 0.25 0.00	19.62 0.15 0.00	18.70 0.29 0.00	18.33 0.27 0.00	18.83 0.30 0.00	19.99 0.28 0.00	23.49 0.23 0.00	25.84 0.33 0.00	25.95 0.05 0.00	24.76 0.00 0.00	22.24 0.02 0.00	20.37 -0.02 0.00	18.93 0.02 0.00	17.79 -0.02 0.00	17.53 0.00 0.00	17.38 -0.05 0.00	18.93 -0.04 0.00	22.22 -0.13 0.00	26.69 -0.03 0.00	30.56 0.03 0.00	31.38 0.19 0.00	28.46 0.20 0.00	24.31 0.43 0.00	21.59 0.36 0.00
GREENLWN_69_KV_BK 3 55738	25.85 1.86 -2.86	21.16 1.67 -0.02	19.95 1.55 0.00	19.55 1.50 0.00	20.04 1.50 0.00	21.96 1.60 -0.65	25.24 1.95 -0.02	27.66 2.14 0.00	28.31 2.41 -0.01	26.99 2.23 0.00	24.33 2.09 -0.02	22.43 2.02 -0.02	20.74 1.83 0.00	19.48 1.67 0.00	19.21 1.68 0.00	19.19 1.76 0.00	20.90 1.92 -0.02	24.82 2.12 -0.34	28.87 2.16 0.00	33.00 2.47 0.00	33.59 2.40 0.00	30.37 2.12 0.00	25.79 1.91 0.00	23.74 1.74 -0.78
GREENWD_138_KV_38B11_REV_LBMP_J 345004	22.99 1.86 0.00	21.00 1.54 0.00	19.77 1.36 0.00	19.37 1.32 0.00	19.80 1.26 0.00	21.07 1.36 0.00	24.94 1.67 0.00	27.40 1.89 0.00	28.10 2.20 0.00	26.79 2.03 0.00	24.20 1.98 0.00	22.31 1.92 0.00	21.20 1.78 -0.52	19.95 1.69 -0.45	19.21 1.67 -0.02	19.15 1.71 -0.02	20.82 1.84 -0.02	24.37 2.01 0.00	29.15 2.43 0.00	33.31 2.78 0.00	33.90 2.71 0.00	30.43 2.18 0.00	25.77 1.89 0.00	22.90 1.68 0.00
GRISSOM___SOLAR 323813	23.31 2.18 0.00	21.39 1.93 0.00	20.16 1.75 0.00	19.75 1.70 0.00	20.36 1.82 0.00	21.70 1.99 0.00	25.52 2.26 0.00	27.91 2.40 0.00	28.56 2.67 0.00	27.11 2.35 0.00	24.15 1.93 0.00	21.94 1.55 0.00	20.17 1.27 0.00	18.87 1.07 0.00	18.56 1.03 0.00	18.53 1.10 0.00	20.33 1.37 0.00	24.23 1.88 0.00	29.36 2.65 0.00	33.98 3.45 0.00	34.81 3.62 0.00	31.62 3.36 0.00	26.63 2.75 0.00	23.58 2.36 0.00
GROVEVILLE___HYD 323602	22.82 1.69 0.00	20.96 1.50 0.00	19.79 1.38 0.00	19.39 1.34 0.00	19.87 1.33 0.00	21.15 1.44 0.00	25.03 1.77 0.00	27.38 1.86 0.00	27.94 2.05 0.00	26.71 1.96 0.00	24.02 1.80 0.00	22.07 1.67 0.00	20.42 1.51 0.00	19.28 1.48 0.00	18.99 1.46 0.00	18.89 1.46 0.00	20.56 1.59 0.00	24.19 1.83 0.00	28.91 2.19 0.00	33.03 2.50 0.00	33.65 2.46 0.00	30.43 2.18 0.00	25.70 1.82 0.00	22.78 1.55 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	21.21 0.08 0.00	19.48 0.02 0.00	18.46 0.06 0.00	18.11 0.05 0.00	18.59 0.06 0.00	19.75 0.04 0.00	23.28 0.02 0.00	25.59 0.08 0.00	25.84 -0.05 0.00	24.76 0.00 0.00	22.24 0.02 0.00	20.39 0.00 0.00	18.91 0.00 0.00	17.80 0.00 0.00	17.51 -0.02 0.00	17.41 -0.02 0.00	18.97 0.00 0.00	22.33 -0.02 0.00	26.72 0.00 0.00	30.56 0.03 0.00	31.28 0.09 0.00	28.34 0.08 0.00	24.03 0.14 0.00	21.35 0.13 0.00



HAMLTNNY_34_KV_TB 80303	21.21 0.08 0.00	19.48 0.02 0.00	18.48 0.07 0.00	18.13 0.07 0.00	18.61 0.07 0.00	19.77 0.06 0.00	23.31 0.05 0.00	25.62 0.10 0.00	25.84 -0.05 0.00	24.76 0.00 0.00	22.24 0.02 0.00	20.39 0.00 0.00	18.93 0.02 0.00	17.82 0.02 0.00	17.51 -0.02 0.00	17.43 0.00 0.00	18.97 0.00 0.00	22.33 -0.02 0.00	26.72 0.00 0.00	30.56 0.03 0.00	31.28 0.09 0.00	28.34 0.08 0.00	24.05 0.17 0.00	21.35 0.13 0.00
HAMPSHIRE___PAPER_HYD 323593	20.03 -1.10 0.00	18.45 -1.01 0.00	17.47 -0.94 0.00	17.12 -0.94 0.00	17.59 -0.94 0.00	18.70 -1.00 0.00	22.14 -1.12 0.00	24.21 -1.30 0.00	24.47 -1.42 0.00	23.32 -1.44 0.00	20.73 -1.49 0.00	12.90 -1.41 6.08	10.51 -1.34 7.06	10.13 -1.26 6.41	8.92 -1.28 7.34	9.40 -1.27 6.76	11.98 -1.35 5.65	14.26 -1.45 6.65	18.55 -1.55 6.62	28.91 -1.62 0.00	29.85 -1.34 0.00	27.07 -1.19 0.00	22.76 -1.12 0.00	20.21 -1.02 0.00
HARDSCRABBLE_WT_PWR 323673	21.32 0.19 0.00	19.60 0.14 0.00	18.52 0.11 0.00	18.13 0.07 0.00	18.59 0.06 0.00	19.83 0.12 0.00	23.42 0.16 0.00	25.79 0.28 0.00	26.21 0.31 0.00	25.03 0.27 0.00	22.40 0.18 0.00	20.98 0.02 -0.57	19.49 -0.08 -0.66	18.28 -0.12 -0.60	18.06 -0.16 -0.68	17.87 -0.19 -0.63	19.28 -0.21 -0.53	22.73 -0.25 -0.62	27.06 -0.27 -0.62	30.32 -0.21 0.00	31.00 -0.19 0.00	28.17 -0.08 0.00	23.84 -0.05 0.00	21.23 0.00 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	22.59 1.46 0.00	20.75 1.28 0.00	19.60 1.20 0.00	19.21 1.16 0.00	19.69 1.15 0.00	20.97 1.26 0.00	24.77 1.51 0.00	27.15 1.63 0.00	27.71 1.81 0.00	26.47 1.71 0.00	23.82 1.60 0.00	21.90 1.51 0.00	20.31 1.40 0.00	19.16 1.35 0.00	18.86 1.33 0.00	18.77 1.34 0.00	20.41 1.44 0.00	23.99 1.63 0.00	28.67 1.95 0.00	32.70 2.17 0.00	33.31 2.12 0.00	30.09 1.84 0.00	25.41 1.53 0.00	22.54 1.32 0.00
HARSNRAD_115KV_TB1 81005	20.50 -0.63 0.00	18.78 -0.68 0.00	18.06 -0.35 0.00	17.71 -0.34 0.00	18.13 -0.41 0.00	19.10 -0.61 0.00	22.21 -1.05 0.00	24.16 -1.35 0.00	23.82 -2.07 0.00	23.17 -1.58 0.00	21.04 -1.18 0.00	19.42 -0.98 0.00	18.09 -0.81 0.00	17.00 -0.80 0.00	16.53 -1.00 0.00	16.63 -0.80 0.00	18.08 -0.89 0.00	20.95 -1.41 0.00	25.06 -1.66 0.00	28.55 -1.98 0.00	29.54 -1.65 0.00	26.76 -1.50 0.00	23.07 -0.81 0.00	20.78 -0.45 0.00
HARZA MOOSE___RIVER 24016	21.23 0.11 0.00	19.52 0.06 0.00	18.48 0.07 0.00	18.13 0.07 0.00	18.59 0.06 0.00	19.79 0.08 0.00	23.38 0.12 0.00	25.54 0.03 0.00	25.82 -0.08 0.00	24.66 -0.10 0.00	22.00 -0.22 0.00	18.82 -0.31 1.27	17.13 -0.30 1.47	16.16 -0.30 1.34	15.67 -0.33 1.53	15.65 -0.37 1.41	17.45 -0.34 1.18	20.68 -0.29 1.39	25.20 -0.13 1.38	30.59 0.06 0.00	31.56 0.37 0.00	28.62 0.37 0.00	24.10 0.21 0.00	21.40 0.17 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	21.07 -0.06 0.00	19.37 -0.10 0.00	18.35 -0.06 0.00	18.00 -0.05 0.00	18.48 -0.06 0.00	19.63 -0.08 0.00	23.14 -0.12 0.00	25.41 -0.10 0.00	25.66 -0.23 0.00	24.58 -0.17 0.00	22.11 -0.11 0.00	20.27 -0.12 0.00	18.81 -0.09 0.00	17.70 -0.11 0.00	17.41 -0.12 0.00	17.32 -0.10 0.00	18.85 -0.11 0.00	22.20 -0.16 0.00	26.56 -0.16 0.00	30.35 -0.18 0.00	31.07 -0.12 0.00	28.14 -0.11 0.00	23.86 -0.02 0.00	21.21 -0.02 0.00
HELLGATE_13_KV_LD 55870	22.90 1.77 0.00	20.96 1.50 0.00	19.75 1.34 0.00	19.36 1.30 0.00	19.78 1.24 0.00	21.07 1.36 0.00	24.96 1.70 0.00	27.43 1.91 0.00	28.10 2.20 0.00	26.79 2.03 0.00	24.20 1.98 0.00	22.29 1.90 0.00	21.18 1.76 -0.52	19.93 1.67 -0.45	19.19 1.65 -0.02	19.14 1.69 -0.02	20.78 1.80 -0.02	24.37 2.01 0.00	29.09 2.38 0.00	33.25 2.72 0.00	33.84 2.65 0.00	30.40 2.15 0.00	25.72 1.84 0.00	22.84 1.61 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	22.90 1.77 0.00	20.96 1.50 0.00	19.75 1.34 0.00	19.36 1.30 0.00	19.78 1.24 0.00	21.07 1.36 0.00	24.96 1.70 0.00	27.43 1.91 0.00	28.10 2.20 0.00	26.79 2.03 0.00	24.20 1.98 0.00	22.29 1.90 0.00	21.18 1.76 -0.52	19.93 1.67 -0.45	19.19 1.65 -0.02	19.14 1.69 -0.02	20.78 1.80 -0.02	24.37 2.01 0.00	29.09 2.38 0.00	33.25 2.72 0.00	33.84 2.65 0.00	30.40 2.15 0.00	25.72 1.84 0.00	22.84 1.61 0.00
HEMPSTEAD____ 23647	25.76 1.78 -2.86	21.08 1.60 -0.02	19.89 1.47 -0.01	19.49 1.43 -0.01	19.97 1.43 -0.01	21.72 1.52 -0.49	25.12 1.84 -0.02	27.48 1.96 0.00	27.93 2.02 -0.01	26.89 2.13 0.00	24.24 2.00 -0.02	22.35 1.94 -0.02	20.67 1.76 0.00	19.42 1.62 0.00	19.13 1.60 0.00	19.12 1.69 0.00	20.82 1.84 -0.02	24.75 2.06 -0.34	29.04 2.32 0.00	33.18 2.65 0.00	33.78 2.59 0.00	30.52 2.26 0.00	25.63 1.74 0.00	23.66 1.66 -0.77
HEWLETT_69_KV_BK3 55828	25.95 1.97 -2.85	21.23 1.75 -0.01	20.03 1.62 0.00	19.63 1.57 0.00	20.11 1.58 0.00	21.94 1.69 -0.53	25.30 2.02 -0.01	27.73 2.22 0.00	28.38 2.49 0.00	27.06 2.30 0.00	24.39 2.16 -0.01	22.49 2.08 -0.01	20.80 1.89 0.00	19.55 1.74 0.00	19.28 1.75 0.00	19.24 1.81 0.00	20.95 1.97 -0.01	24.90 2.21 -0.34	29.23 2.51 0.00	33.37 2.84 0.00	33.97 2.78 0.00	30.74 2.49 0.00	25.96 2.08 0.00	23.82 1.83 -0.77
HICKLING___1 23621	21.47 0.34 0.00	19.72 0.25 0.00	18.83 0.42 0.00	18.45 0.40 0.00	18.96 0.43 0.00	20.12 0.41 0.00	23.56 0.30 0.00	25.87 0.36 0.00	25.82 -0.08 0.00	24.81 0.05 0.00	22.33 0.11 0.00	20.50 0.10 0.00	19.06 0.15 0.00	17.91 0.11 0.00	17.55 0.02 0.00	17.50 0.07 0.00	19.04 0.08 0.00	22.29 -0.07 0.00	26.74 0.03 0.00	30.53 0.00 0.00	31.38 0.19 0.00	28.45 0.20 0.00	24.34 0.45 0.00	21.65 0.42 0.00
HICKLING___2 23622	21.47 0.34 0.00	19.72 0.25 0.00	18.83 0.42 0.00	18.45 0.40 0.00	18.96 0.43 0.00	20.12 0.41 0.00	23.56 0.30 0.00	25.87 0.36 0.00	25.82 -0.08 0.00	24.81 0.05 0.00	22.33 0.11 0.00	20.50 0.10 0.00	19.06 0.15 0.00	17.91 0.11 0.00	17.55 0.02 0.00	17.50 0.07 0.00	19.04 0.08 0.00	22.29 -0.07 0.00	26.74 0.03 0.00	30.53 0.00 0.00	31.38 0.19 0.00	28.45 0.20 0.00	24.34 0.45 0.00	21.65 0.42 0.00
HIGH FALLS___HY 23754	23.01 1.88 0.00	21.08 1.62 0.00	19.93 1.53 0.00	19.50 1.44 0.00	19.98 1.45 0.00	21.27 1.56 0.00	25.19 1.93 0.00	27.55 2.04 0.00	28.07 2.18 0.00	26.81 2.05 0.00	24.06 1.84 0.00	22.15 1.75 0.00	20.51 1.61 0.00	19.37 1.57 0.00	19.06 1.53 0.00	18.95 1.52 0.00	20.64 1.67 0.00	24.28 1.92 0.00	29.09 2.38 0.00	33.28 2.75 0.00	33.97 2.78 0.00	30.72 2.46 0.00	25.91 2.03 0.00	22.92 1.70 0.00
HILLBURN___GT 23639	22.59 1.46 0.00	20.77 1.30 0.00	19.60 1.20 0.00	19.21 1.16 0.00	19.69 1.15 0.00	20.99 1.28 0.00	24.77 1.51 0.00	27.15 1.63 0.00	27.66 1.76 0.00	26.49 1.73 0.00	23.86 1.64 0.00	21.96 1.57 0.00	20.38 1.48 0.00	19.21 1.41 0.00	18.88 1.35 0.00	18.82 1.39 0.00	20.46 1.50 0.00	24.05 1.70 0.00	28.69 1.98 0.00	32.73 2.20 0.00	33.31 2.12 0.00	30.09 1.84 0.00	25.36 1.48 0.00	22.54 1.32 0.00



HILLSIDE_115KV_TB1 80332	21.26 0.13 0.00	19.52 0.06 0.00	18.63 0.22 0.00	18.25 0.20 0.00	18.76 0.22 0.00	19.93 0.22 0.00	23.33 0.07 0.00	25.59 0.08 0.00	25.61 -0.28 0.00	24.61 -0.15 0.00	22.15 -0.07 0.00	20.35 -0.04 0.00	18.93 0.02 0.00	17.79 -0.02 0.00	17.44 -0.09 0.00	17.38 -0.05 0.00	18.93 -0.04 0.00	22.13 -0.22 0.00	26.56 -0.16 0.00	30.26 -0.27 0.00	31.07 -0.12 0.00	28.17 -0.08 0.00	24.05 0.17 0.00	21.40 0.17 0.00
HISHELDN_WT_PWR 323625	20.75 -0.38 0.00	19.05 -0.41 0.00	18.31 -0.09 0.00	17.95 -0.11 0.00	18.43 -0.11 0.00	19.45 -0.26 0.00	22.66 -0.60 0.00	24.75 -0.76 0.00	24.81 -1.09 0.00	23.62 -1.14 0.00	21.31 -0.91 0.00	19.60 -0.80 0.00	18.23 -0.68 0.00	17.11 -0.69 0.00	16.86 -0.67 0.00	16.71 -0.72 0.00	18.17 -0.80 0.00	21.13 -1.23 0.00	25.35 -1.36 0.00	29.00 -1.53 0.00	29.97 -1.22 0.00	27.27 -0.99 0.00	23.55 -0.33 0.00	21.04 -0.19 0.00
HOLTSVILLE_IC_1 23690	26.27 2.28 -2.86	21.53 2.04 -0.02	20.31 1.90 -0.01	19.91 1.84 -0.01	20.38 1.84 -0.01	22.46 2.07 -0.68	25.77 2.49 -0.02	28.06 2.55 0.00	28.34 2.43 -0.02	27.36 2.60 0.00	24.71 2.47 -0.02	22.74 2.32 -0.02	20.97 2.06 0.00	19.67 1.87 0.00	19.41 1.88 0.00	19.47 2.04 0.00	21.21 2.22 -0.02	25.25 2.55 -0.34	29.56 2.83 -0.01	33.81 3.27 -0.01	34.45 3.24 -0.01	31.12 2.85 -0.01	26.08 2.20 0.00	24.15 2.14 -0.78
HOLTSVILLE_IC_10 23699	26.38 2.39 -2.86	21.63 2.14 -0.02	20.38 1.97 -0.01	20.00 1.93 -0.01	20.46 1.91 -0.01	22.56 2.17 -0.68	25.89 2.60 -0.02	28.17 2.65 0.00	28.45 2.54 -0.02	27.46 2.70 0.00	24.82 2.58 -0.02	22.84 2.43 -0.02	21.04 2.14 0.00	19.75 1.94 0.00	19.49 1.96 0.00	19.54 2.11 0.00	21.30 2.31 -0.02	25.38 2.68 -0.34	29.72 2.99 -0.01	33.96 3.42 -0.01	34.64 3.43 -0.01	31.30 3.02 -0.01	26.20 2.32 0.00	24.28 2.27 -0.78
HOLTSVILLE_IC_2 23691	26.27 2.28 -2.86	21.53 2.04 -0.02	20.31 1.90 -0.01	19.91 1.84 -0.01	20.38 1.84 -0.01	22.46 2.07 -0.68	25.77 2.49 -0.02	28.06 2.55 0.00	28.34 2.43 -0.02	27.36 2.60 0.00	24.71 2.47 -0.02	22.74 2.32 -0.02	20.97 2.06 0.00	19.67 1.87 0.00	19.41 1.88 0.00	19.47 2.04 0.00	21.21 2.22 -0.02	25.25 2.55 -0.34	29.56 2.83 -0.01	33.81 3.27 -0.01	34.45 3.24 -0.01	31.12 2.85 -0.01	26.08 2.20 0.00	24.15 2.14 -0.78
HOLTSVILLE_IC_3 23692	26.27 2.28 -2.86	21.53 2.04 -0.02	20.31 1.90 -0.01	19.91 1.84 -0.01	20.38 1.84 -0.01	22.46 2.07 -0.68	25.77 2.49 -0.02	28.06 2.55 0.00	28.34 2.43 -0.02	27.36 2.60 0.00	24.71 2.47 -0.02	22.74 2.32 -0.02	20.97 2.06 0.00	19.67 1.87 0.00	19.41 1.88 0.00	19.47 2.04 0.00	21.21 2.22 -0.02	25.25 2.55 -0.34	29.56 2.83 -0.01	33.81 3.27 -0.01	34.45 3.24 -0.01	31.12 2.85 -0.01	26.08 2.20 0.00	24.15 2.14 -0.78
HOLTSVILLE_IC_4 23693	26.27 2.28 -2.86	21.53 2.04 -0.02	20.31 1.90 -0.01	19.91 1.84 -0.01	20.38 1.84 -0.01	22.46 2.07 -0.68	25.77 2.49 -0.02	28.06 2.55 0.00	28.34 2.43 -0.02	27.36 2.60 0.00	24.71 2.47 -0.02	22.74 2.32 -0.02	20.97 2.06 0.00	19.67 1.87 0.00	19.41 1.88 0.00	19.47 2.04 0.00	21.21 2.22 -0.02	25.25 2.55 -0.34	29.56 2.83 -0.01	33.81 3.27 -0.01	34.45 3.24 -0.01	31.12 2.85 -0.01	26.08 2.20 0.00	24.15 2.14 -0.78
HOLTSVILLE_IC_5 23694	26.27 2.28 -2.86	21.53 2.04 -0.02	20.31 1.90 -0.01	19.91 1.84 -0.01	20.38 1.84 -0.01	22.46 2.07 -0.68	25.77 2.49 -0.02	28.06 2.55 0.00	28.34 2.43 -0.02	27.36 2.60 0.00	24.71 2.47 -0.02	22.74 2.32 -0.02	20.97 2.06 0.00	19.67 1.87 0.00	19.41 1.88 0.00	19.47 2.04 0.00	21.21 2.22 -0.02	25.25 2.55 -0.34	29.56 2.83 -0.01	33.81 3.27 -0.01	34.45 3.24 -0.01	31.12 2.85 -0.01	26.08 2.20 0.00	24.15 2.14 -0.78
HOLTSVILLE_IC_6 23695	26.38 2.39 -2.86	21.63 2.14 -0.02	20.38 1.97 -0.01	20.00 1.93 -0.01	20.46 1.91 -0.01	22.56 2.17 -0.68	25.89 2.60 -0.02	28.17 2.65 0.00	28.45 2.54 -0.02	27.46 2.70 0.00	24.82 2.58 -0.02	22.84 2.43 -0.02	21.04 2.14 0.00	19.75 1.94 0.00	19.49 1.96 0.00	19.54 2.11 0.00	21.30 2.31 -0.02	25.38 2.68 -0.34	29.72 2.99 -0.01	33.96 3.42 -0.01	34.64 3.43 -0.01	31.30 3.02 -0.01	26.20 2.32 0.00	24.28 2.27 -0.78
HOLTSVILLE_IC_7 23696	26.38 2.39 -2.86	21.63 2.14 -0.02	20.38 1.97 -0.01	20.00 1.93 -0.01	20.46 1.91 -0.01	22.56 2.17 -0.68	25.89 2.60 -0.02	28.17 2.65 0.00	28.45 2.54 -0.02	27.46 2.70 0.00	24.82 2.58 -0.02	22.84 2.43 -0.02	21.04 2.14 0.00	19.75 1.94 0.00	19.49 1.96 0.00	19.54 2.11 0.00	21.30 2.31 -0.02	25.38 2.68 -0.34	29.72 2.99 -0.01	33.96 3.42 -0.01	34.64 3.43 -0.01	31.30 3.02 -0.01	26.20 2.32 0.00	24.28 2.27 -0.78
HOLTSVILLE_IC_8 23697	26.38 2.39 -2.86	21.63 2.14 -0.02	20.38 1.97 -0.01	20.00 1.93 -0.01	20.46 1.91 -0.01	22.56 2.17 -0.68	25.89 2.60 -0.02	28.17 2.65 0.00	28.45 2.54 -0.02	27.46 2.70 0.00	24.82 2.58 -0.02	22.84 2.43 -0.02	21.04 2.14 0.00	19.75 1.94 0.00	19.49 1.96 0.00	19.54 2.11 0.00	21.30 2.31 -0.02	25.38 2.68 -0.34	29.72 2.99 -0.01	33.96 3.42 -0.01	34.64 3.43 -0.01	31.30 3.02 -0.01	26.20 2.32 0.00	24.28 2.27 -0.78
HOLTSVILLE_IC_9 23698	26.38 2.39 -2.86	21.63 2.14 -0.02	20.38 1.97 -0.01	20.00 1.93 -0.01	20.46 1.91 -0.01	22.56 2.17 -0.68	25.89 2.60 -0.02	28.17 2.65 0.00	28.45 2.54 -0.02	27.46 2.70 0.00	24.82 2.58 -0.02	22.84 2.43 -0.02	21.04 2.14 0.00	19.75 1.94 0.00	19.49 1.96 0.00	19.54 2.11 0.00	21.30 2.31 -0.02	25.38 2.68 -0.34	29.72 2.99 -0.01	33.96 3.42 -0.01	34.64 3.43 -0.01	31.30 3.02 -0.01	26.20 2.32 0.00	24.28 2.27 -0.78
HOMER_HL_115KV_TB2 355744	21.11 -0.02 0.00	19.39 -0.08 0.00	18.66 0.26 0.00	18.27 0.22 0.00	18.80 0.26 0.00	19.91 0.20 0.00	23.14 -0.12 0.00	25.28 -0.23 0.00	25.09 -0.80 0.00	24.24 -0.52 0.00	21.93 -0.29 0.00	20.15 -0.24 0.00	18.77 -0.13 0.00	17.63 -0.18 0.00	17.16 -0.37 0.00	17.15 -0.28 0.00	18.64 -0.32 0.00	21.64 -0.72 0.00	25.97 -0.75 0.00	29.55 -0.98 0.00	30.54 -0.65 0.00	27.72 -0.54 0.00	23.84 -0.05 0.00	21.31 0.08 0.00
HOWARD_WT_PWR 323690	21.32 0.19 0.00	19.54 0.08 0.00	18.74 0.33 0.00	18.38 0.33 0.00	18.93 0.39 0.00	20.06 0.36 0.00	23.49 0.23 0.00	25.82 0.31 0.00	25.82 -0.08 0.00	24.53 -0.22 0.00	21.98 -0.24 0.00	20.09 -0.31 0.00	18.62 -0.28 0.00	17.48 -0.32 0.00	17.18 -0.35 0.00	17.01 -0.42 0.00	18.51 -0.46 0.00	21.64 -0.72 0.00	26.07 -0.64 0.00	29.86 -0.67 0.00	30.82 -0.37 0.00	28.00 -0.25 0.00	24.15 0.26 0.00	21.57 0.34 0.00
HQ_GEN_CEDARS 23644	20.33 -0.80 0.00	18.80 -0.66 0.00	17.78 -0.63 0.00	17.42 -0.63 0.00	17.94 -0.59 0.00	19.02 -0.69 0.00	22.54 -0.72 0.00	24.75 -0.77 0.00	25.09 -0.80 0.00	23.92 -0.84 0.00	21.33 -0.89 0.00	8.72 -0.80 10.88	5.53 -0.76 12.62	5.65 -0.69 11.46	3.73 -0.68 13.12	4.65 -0.70 12.08	8.13 -0.74 10.09	9.67 -0.80 11.89	13.92 -0.96 11.83	29.39 -1.13 0.01	30.13 -1.06 0.00	27.32 -0.93 0.00	23.02 -0.86 0.00	20.50 -0.72 0.00



HQ_GEN_CEDARS_PROXY 323590	20.33 -0.80 0.00	18.80 -0.66 0.00	17.78 -0.63 0.00	17.42 -0.63 0.00	17.94 -0.59 0.00	19.04 -0.67 0.00	22.54 -0.72 0.00	24.75 -0.76 0.00	25.07 -0.83 0.00	23.92 -0.84 0.00	21.33 -0.89 0.00	8.72 -0.80 10.88	5.53 -0.76 12.62	5.65 -0.69 11.46	3.71 -0.70 13.12	4.65 -0.70 12.08	8.13 -0.74 10.09	9.67 -0.80 11.89	13.93 -0.96 11.83	29.39 -1.13 0.01	30.13 -1.06 0.00	27.33 -0.93 0.00	23.02 -0.86 0.00	20.50 -0.72 0.00
HQ_GEN_IMPORT 323601	20.68 -0.44 0.00	19.09 -0.37 0.00	18.06 -0.35 0.00	17.71 -0.34 0.00	18.19 -0.35 0.00	19.32 -0.39 0.00	22.84 -0.42 0.00	25.05 -0.46 0.00	25.43 -0.47 0.00	24.29 -0.47 0.00	21.73 -0.49 0.00	17.27 -0.43 2.70	15.36 -0.42 3.13	14.59 -0.37 2.84	13.91 -0.37 3.25	14.06 -0.37 3.00	16.06 -0.40 2.50	18.96 -0.45 2.95	23.25 -0.53 2.93	29.92 -0.61 0.00	30.57 -0.62 0.00	27.72 -0.54 0.00	23.38 -0.50 0.00	20.80 -0.42 0.00
HQ_GEN_WHEEL 23651	20.68 -0.44 0.00	19.09 -0.37 0.00	18.06 -0.35 0.00	17.71 -0.34 0.00	18.19 -0.35 0.00	19.32 -0.39 0.00	22.84 -0.42 0.00	25.05 -0.46 0.00	25.43 -0.47 0.00	24.29 -0.47 0.00	21.73 -0.49 0.00	17.27 -0.43 2.70	15.36 -0.42 3.13	14.59 -0.37 2.84	13.91 -0.37 3.25	14.06 -0.37 3.00	16.06 -0.40 2.50	18.96 -0.45 2.95	23.25 -0.53 2.93	29.92 -0.61 0.00	30.57 -0.62 0.00	27.72 -0.54 0.00	23.38 -0.50 0.00	20.80 -0.42 0.00
HUDSON_AVE_GT_3 23810	22.88 1.75 0.00	20.98 1.52 0.00	19.77 1.36 0.00	19.37 1.32 0.00	19.82 1.28 0.00	21.11 1.40 0.00	24.98 1.72 0.00	27.43 1.91 0.00	28.10 2.20 0.00	26.79 2.03 0.00	24.20 1.98 0.00	22.27 1.88 0.00	21.18 1.76 -0.51	19.94 1.69 -0.45	19.19 1.65 -0.02	19.12 1.67 -0.02	20.78 1.80 -0.02	24.37 2.01 0.00	29.09 2.38 0.00	33.22 2.69 0.00	33.81 2.62 0.00	30.43 2.18 0.00	25.70 1.82 0.00	22.84 1.61 0.00
HUDSON_AVE_GT_4 23540	22.88 1.75 0.00	20.98 1.52 0.00	19.77 1.36 0.00	19.37 1.32 0.00	19.82 1.28 0.00	21.11 1.40 0.00	24.98 1.72 0.00	27.43 1.91 0.00	28.10 2.20 0.00	26.79 2.03 0.00	24.20 1.98 0.00	22.27 1.88 0.00	21.18 1.76 -0.51	19.94 1.69 -0.45	19.19 1.65 -0.02	19.12 1.67 -0.02	20.78 1.80 -0.02	24.37 2.01 0.00	29.09 2.38 0.00	33.22 2.69 0.00	33.81 2.62 0.00	30.43 2.18 0.00	25.70 1.82 0.00	22.84 1.61 0.00
HUDSON_AVE_GT_5 23657	22.88 1.75 0.00	20.98 1.52 0.00	19.77 1.36 0.00	19.37 1.32 0.00	19.82 1.28 0.00	21.11 1.40 0.00	24.98 1.72 0.00	27.43 1.91 0.00	28.10 2.20 0.00	26.79 2.03 0.00	24.20 1.98 0.00	22.27 1.88 0.00	21.18 1.76 -0.51	19.94 1.69 -0.45	19.19 1.65 -0.02	19.12 1.67 -0.02	20.78 1.80 -0.02	24.37 2.01 0.00	29.09 2.38 0.00	33.22 2.69 0.00	33.81 2.62 0.00	30.43 2.18 0.00	25.70 1.82 0.00	22.84 1.61 0.00
HUDSON_AVE_I0 24168	22.84 1.71 0.00	20.92 1.46 0.00	19.71 1.31 0.00	19.32 1.26 0.00	19.74 1.20 0.00	21.05 1.34 0.00	24.91 1.65 0.00	27.38 1.86 0.00	28.04 2.15 0.00	26.74 1.98 0.00	24.15 1.93 0.00	22.21 1.82 0.00	21.12 1.70 -0.51	19.87 1.62 -0.45	19.14 1.60 -0.02	19.07 1.62 -0.02	20.73 1.74 -0.02	24.32 1.97 0.00	29.04 2.32 0.00	33.13 2.60 0.00	33.72 2.53 0.00	30.35 2.09 0.00	25.65 1.77 0.00	22.80 1.57 0.00
HUDSON___115KV_TB 4 355613	21.89 0.76 0.00	20.18 0.72 0.00	19.05 0.64 0.00	18.71 0.65 0.00	19.19 0.65 0.00	20.42 0.71 0.00	24.14 0.88 0.00	26.41 0.89 0.00	26.90 1.01 0.00	25.65 0.89 0.00	22.98 0.76 0.00	21.05 0.65 0.00	19.46 0.55 0.00	18.29 0.48 0.00	18.02 0.49 0.00	17.93 0.51 0.00	19.57 0.61 0.00	23.21 0.85 0.00	27.70 0.99 0.00	31.75 1.22 0.00	32.38 1.19 0.00	29.33 1.07 0.00	24.86 0.98 0.00	22.05 0.83 0.00
HUNTER MOUNT___DRP 323613	21.93 0.80 0.00	20.22 0.76 0.00	19.09 0.68 0.00	18.72 0.67 0.00	19.22 0.69 0.00	20.44 0.73 0.00	24.21 0.95 0.00	26.43 0.92 0.00	26.90 1.01 0.00	25.65 0.89 0.00	22.93 0.71 0.00	20.99 0.59 0.00	19.36 0.45 0.00	18.20 0.39 0.00	17.95 0.42 0.00	17.85 0.42 0.00	19.50 0.53 0.00	23.16 0.80 0.00	27.68 0.96 0.00	31.75 1.22 0.00	32.38 1.19 0.00	29.39 1.13 0.00	24.93 1.05 0.00	22.10 0.87 0.00
HUNTINGTON_RES_REC 323705	26.06 2.07 -2.86	21.35 1.87 -0.02	20.14 1.73 -0.01	19.74 1.68 -0.01	20.20 1.65 -0.01	22.19 1.83 -0.65	25.49 2.21 -0.02	27.81 2.30 0.00	28.11 2.20 -0.02	27.16 2.40 0.00	24.53 2.29 -0.02	22.60 2.18 -0.02	20.86 1.95 0.00	19.58 1.78 0.00	19.30 1.77 0.00	19.33 1.90 0.00	21.07 2.09 -0.02	25.05 2.35 -0.34	29.21 2.51 0.02	33.38 2.87 0.02	34.01 2.84 0.02	30.76 2.51 0.02	25.84 1.96 0.00	23.96 1.95 -0.78
HUNTLEY___63 23557	20.60 -0.53 0.00	18.88 -0.58 0.00	18.17 -0.24 0.00	17.78 -0.27 0.00	18.24 -0.30 0.00	19.22 -0.49 0.00	22.33 -0.93 0.00	24.29 -1.22 0.00	23.98 -1.92 0.00	23.32 -1.44 0.00	21.20 -1.02 0.00	19.54 -0.86 0.00	18.21 -0.70 0.00	17.11 -0.69 0.00	16.64 -0.89 0.00	16.71 -0.71 0.00	18.17 -0.80 0.00	21.04 -1.32 0.00	25.17 -1.55 0.00	28.70 -1.83 0.00	29.66 -1.53 0.00	26.90 -1.36 0.00	23.19 -0.69 0.00	20.87 -0.36 0.00
HUNTLEY___64 23558	20.60 -0.53 0.00	18.88 -0.58 0.00	18.17 -0.24 0.00	17.78 -0.27 0.00	18.24 -0.30 0.00	19.22 -0.49 0.00	22.33 -0.93 0.00	24.29 -1.22 0.00	23.98 -1.92 0.00	23.32 -1.44 0.00	21.20 -1.02 0.00	19.54 -0.86 0.00	18.21 -0.70 0.00	17.11 -0.69 0.00	16.64 -0.89 0.00	16.71 -0.71 0.00	18.17 -0.80 0.00	21.04 -1.32 0.00	25.17 -1.55 0.00	28.70 -1.83 0.00	29.66 -1.53 0.00	26.90 -1.36 0.00	23.19 -0.69 0.00	20.87 -0.36 0.00
HUNTLEY___65 23559	20.60 -0.53 0.00	18.88 -0.58 0.00	18.17 -0.24 0.00	17.78 -0.27 0.00	18.24 -0.30 0.00	19.22 -0.49 0.00	22.33 -0.93 0.00	24.29 -1.22 0.00	23.98 -1.92 0.00	23.32 -1.44 0.00	21.20 -1.02 0.00	19.54 -0.86 0.00	18.21 -0.70 0.00	17.11 -0.69 0.00	16.64 -0.89 0.00	16.71 -0.71 0.00	18.17 -0.80 0.00	21.04 -1.32 0.00	25.17 -1.55 0.00	28.70 -1.83 0.00	29.66 -1.53 0.00	26.90 -1.36 0.00	23.19 -0.69 0.00	20.87 -0.36 0.00
HUNTLEY___66 23560	20.60 -0.53 0.00	18.88 -0.58 0.00	18.17 -0.24 0.00	17.78 -0.27 0.00	18.24 -0.30 0.00	19.22 -0.49 0.00	22.33 -0.93 0.00	24.29 -1.22 0.00	23.98 -1.92 0.00	23.32 -1.44 0.00	21.20 -1.02 0.00	19.54 -0.86 0.00	18.21 -0.70 0.00	17.11 -0.69 0.00	16.64 -0.89 0.00	16.71 -0.71 0.00	18.17 -0.80 0.00	21.04 -1.32 0.00	25.17 -1.55 0.00	28.70 -1.83 0.00	29.66 -1.53 0.00	26.90 -1.36 0.00	23.19 -0.69 0.00	20.87 -0.36 0.00
HUNTLEY___67 23561	20.58 -0.55 0.00	18.88 -0.58 0.00	18.15 -0.26 0.00	17.77 -0.29 0.00	18.22 -0.32 0.00	19.22 -0.49 0.00	22.33 -0.93 0.00	24.29 -1.22 0.00	23.98 -1.92 0.00	23.32 -1.44 0.00	21.15 -1.07 0.00	19.52 -0.88 0.00	18.19 -0.72 0.00	17.09 -0.71 0.00	16.62 -0.91 0.00	16.71 -0.71 0.00	18.17 -0.80 0.00	21.06 -1.30 0.00	25.17 -1.55 0.00	28.70 -1.83 0.00	29.63 -1.56 0.00	26.90 -1.36 0.00	23.17 -0.72 0.00	20.84 -0.38 0.00



HUNTLEY___68 23562	20.58 -0.55 0.00	18.88 -0.58 0.00	18.15 -0.26 0.00	17.77 -0.29 0.00	18.22 -0.32 0.00	19.22 -0.49 0.00	22.33 -0.93 0.00	24.29 -1.22 0.00	23.98 -1.92 0.00	23.32 -1.44 0.00	21.15 -1.07 0.00	19.52 -0.88 0.00	18.19 -0.72 0.00	17.09 -0.71 0.00	16.62 -0.91 0.00	16.71 -0.71 0.00	18.17 -0.80 0.00	21.06 -1.30 0.00	25.17 -1.55 0.00	28.70 -1.83 0.00	29.63 -1.56 0.00	26.90 -1.36 0.00	23.17 -0.72 0.00	20.84 -0.38 0.00
HYLAND___LFGE 323620	21.72 0.59 0.00	19.87 0.41 0.00	18.96 0.55 0.00	18.60 0.54 0.00	19.11 0.58 0.00	20.22 0.51 0.00	23.75 0.49 0.00	26.12 0.61 0.00	26.00 0.10 0.00	24.66 -0.10 0.00	21.98 -0.24 0.00	20.13 -0.27 0.00	18.68 -0.23 0.00	17.50 -0.30 0.00	17.27 -0.26 0.00	17.08 -0.35 0.00	18.63 -0.34 0.00	22.00 -0.36 0.00	26.69 -0.03 0.00	30.80 0.27 0.00	31.97 0.78 0.00	28.96 0.71 0.00	24.81 0.93 0.00	22.03 0.81 0.00
INDECK___CORINTH 23802	21.85 0.72 0.00	20.07 0.60 0.00	18.88 0.48 0.00	18.54 0.49 0.00	19.08 0.54 0.00	20.32 0.61 0.00	24.00 0.74 0.00	26.28 0.76 0.00	26.88 0.98 0.00	25.67 0.92 0.00	22.95 0.73 0.00	21.01 0.61 0.00	19.42 0.51 0.00	18.20 0.39 0.00	17.88 0.35 0.00	17.85 0.42 0.00	19.46 0.49 0.00	23.07 0.72 0.00	27.65 0.93 0.00	31.75 1.22 0.00	32.38 1.18 0.00	29.33 1.07 0.00	24.70 0.81 0.00	21.91 0.68 0.00
INDECK___ILION 23567	21.38 0.25 0.00	19.68 0.21 0.00	18.61 0.20 0.00	18.24 0.18 0.00	18.72 0.19 0.00	19.93 0.22 0.00	23.52 0.26 0.00	25.82 0.31 0.00	26.23 0.34 0.00	25.08 0.32 0.00	22.49 0.27 0.00	21.14 0.18 -0.57	19.72 0.15 -0.66	18.51 0.11 -0.60	18.30 0.09 -0.68	18.13 0.07 -0.63	19.59 0.09 -0.53	23.09 0.11 -0.62	27.49 0.16 -0.62	30.74 0.21 0.00	31.44 0.25 0.00	28.51 0.25 0.00	24.10 0.21 0.00	21.42 0.19 0.00
INDECK___OLEAN 23982	21.11 -0.02 0.00	19.39 -0.08 0.00	18.66 0.26 0.00	18.27 0.22 0.00	18.80 0.26 0.00	19.91 0.20 0.00	23.15 -0.12 0.00	25.34 -0.18 0.00	25.35 -0.55 0.00	24.24 -0.52 0.00	21.93 -0.29 0.00	20.15 -0.24 0.00	18.78 -0.13 0.00	17.63 -0.18 0.00	17.32 -0.21 0.00	17.17 -0.26 0.00	18.64 -0.32 0.00	21.64 -0.72 0.00	25.97 -0.75 0.00	29.55 -0.98 0.00	30.50 -0.69 0.00	27.72 -0.54 0.00	23.91 0.02 0.00	21.31 0.09 0.00
INDECK___OSWEGO 23783	20.83 -0.30 0.00	19.15 -0.31 0.00	18.13 -0.28 0.00	17.78 -0.27 0.00	18.26 -0.28 0.00	19.39 -0.32 0.00	22.87 -0.40 0.00	25.10 -0.41 0.00	25.43 -0.47 0.00	24.31 -0.44 0.00	21.84 -0.38 0.00	19.72 -0.37 0.30	18.22 -0.34 0.35	17.17 -0.32 0.32	16.85 -0.32 0.36	16.76 -0.33 0.34	18.32 -0.36 0.28	21.60 -0.43 0.33	25.91 -0.48 0.33	30.01 -0.52 0.00	30.72 -0.47 0.00	27.86 -0.40 0.00	23.60 -0.29 0.00	20.95 -0.28 0.00
INDECK___YERKES 23781	20.62 -0.51 0.00	18.90 -0.57 0.00	18.19 -0.22 0.00	17.80 -0.25 0.00	18.26 -0.28 0.00	19.22 -0.49 0.00	22.35 -0.91 0.00	24.42 -1.10 0.00	24.45 -1.45 0.00	23.35 -1.41 0.00	21.22 -1.00 0.00	19.56 -0.84 0.00	18.23 -0.68 0.00	17.13 -0.68 0.00	16.90 -0.63 0.00	16.73 -0.70 0.00	18.19 -0.78 0.00	21.06 -1.30 0.00	25.17 -1.55 0.00	28.70 -1.83 0.00	29.66 -1.53 0.00	26.93 -1.33 0.00	23.33 -0.55 0.00	20.89 -0.34 0.00
INDIAN POINT_GT_1 24139	22.67 1.54 0.00	20.83 1.36 0.00	19.64 1.23 0.00	19.26 1.21 0.00	19.72 1.19 0.00	21.01 1.30 0.00	24.84 1.58 0.00	27.22 1.71 0.00	27.86 1.97 0.00	26.59 1.83 0.00	23.98 1.76 0.00	22.05 1.65 0.00	20.46 1.55 0.00	19.30 1.50 0.00	19.00 1.47 0.00	18.93 1.50 0.00	20.56 1.59 0.00	24.17 1.81 0.00	28.83 2.11 0.00	32.88 2.35 0.00	33.47 2.28 0.00	30.21 1.95 0.00	25.48 1.60 0.00	22.65 1.42 0.00
INDIAN POINT_GT_2 23659	22.67 1.54 0.00	20.83 1.36 0.00	19.64 1.23 0.00	19.26 1.21 0.00	19.72 1.19 0.00	21.01 1.30 0.00	24.84 1.58 0.00	27.22 1.71 0.00	27.86 1.97 0.00	26.59 1.83 0.00	23.98 1.76 0.00	22.05 1.65 0.00	20.46 1.55 0.00	19.30 1.50 0.00	19.00 1.47 0.00	18.93 1.50 0.00	20.56 1.59 0.00	24.17 1.81 0.00	28.83 2.11 0.00	32.88 2.35 0.00	33.47 2.28 0.00	30.21 1.95 0.00	25.48 1.60 0.00	22.65 1.42 0.00
INDIAN POINT_GT_3 24019	22.67 1.54 0.00	20.83 1.36 0.00	19.64 1.23 0.00	19.26 1.21 0.00	19.72 1.19 0.00	21.01 1.30 0.00	24.84 1.58 0.00	27.22 1.71 0.00	27.86 1.97 0.00	26.59 1.83 0.00	23.98 1.76 0.00	22.05 1.65 0.00	20.46 1.55 0.00	19.30 1.50 0.00	19.00 1.47 0.00	18.93 1.50 0.00	20.56 1.59 0.00	24.17 1.81 0.00	28.83 2.11 0.00	32.88 2.35 0.00	33.47 2.28 0.00	30.21 1.95 0.00	25.48 1.60 0.00	22.65 1.42 0.00
INDIAN POINT___2 23530	22.69 1.56 0.00	20.87 1.40 0.00	19.66 1.25 0.00	19.28 1.23 0.00	19.74 1.20 0.00	21.03 1.32 0.00	24.86 1.60 0.00	27.25 1.74 0.00	27.78 1.89 0.00	26.61 1.86 0.00	24.02 1.80 0.00	22.09 1.69 0.00	20.50 1.59 0.00	19.34 1.53 0.00	18.98 1.45 0.00	18.94 1.52 0.00	20.60 1.63 0.00	24.19 1.83 0.00	28.85 2.14 0.00	32.94 2.41 0.00	33.53 2.34 0.00	30.23 1.98 0.00	25.48 1.60 0.00	22.67 1.44 0.00
INDIAN POINT___3 23531	22.59 1.46 0.00	20.77 1.30 0.00	19.58 1.18 0.00	19.21 1.16 0.00	19.69 1.15 0.00	20.97 1.26 0.00	24.77 1.51 0.00	27.15 1.63 0.00	27.73 1.84 0.00	26.49 1.73 0.00	23.89 1.67 0.00	21.96 1.57 0.00	20.38 1.47 0.00	19.23 1.42 0.00	18.92 1.38 0.00	18.84 1.41 0.00	20.46 1.50 0.00	24.06 1.70 0.00	28.69 1.98 0.00	32.76 2.23 0.00	33.34 2.15 0.00	30.09 1.84 0.00	25.39 1.50 0.00	22.54 1.32 0.00
INGHAM_C_115KV_TB7 356103	21.40 0.27 0.00	19.70 0.23 0.00	18.61 0.20 0.00	18.24 0.18 0.00	18.69 0.15 0.00	19.93 0.22 0.00	23.52 0.26 0.00	25.87 0.36 0.00	26.28 0.39 0.00	25.10 0.35 0.00	22.49 0.27 0.00	21.08 0.12 -0.57	19.60 0.04 -0.66	18.38 -0.02 -0.60	18.16 -0.05 -0.68	17.99 -0.07 -0.63	19.42 -0.08 -0.53	22.89 -0.09 -0.62	27.25 -0.08 -0.62	30.53 0.00 0.00	31.22 0.03 0.00	28.37 0.11 0.00	24.00 0.12 0.00	21.35 0.13 0.00
IP CORINTH___1 23988	21.85 0.72 0.00	20.07 0.60 0.00	18.88 0.48 0.00	18.54 0.49 0.00	19.08 0.54 0.00	20.32 0.61 0.00	24.01 0.74 0.00	26.30 0.79 0.00	26.90 1.01 0.00	25.67 0.92 0.00	22.95 0.73 0.00	21.01 0.61 0.00	19.42 0.51 0.00	18.20 0.39 0.00	17.92 0.39 0.00	17.85 0.42 0.00	19.46 0.49 0.00	23.07 0.72 0.00	27.65 0.94 0.00	31.75 1.22 0.00	32.38 1.19 0.00	29.33 1.07 0.00	24.67 0.79 0.00	21.91 0.68 0.00
IP___TICONDEROGA 23804	22.52 1.39 0.00	20.63 1.17 0.00	19.38 0.98 0.00	19.01 0.96 0.00	19.61 1.08 0.00	20.89 1.18 0.00	24.70 1.44 0.00	27.04 1.53 0.00	27.76 1.86 0.00	26.42 1.66 0.00	23.53 1.31 0.00	21.50 1.10 0.00	19.81 0.91 0.00	18.46 0.66 0.00	18.16 0.63 0.00	18.11 0.68 0.00	19.80 0.83 0.00	23.56 1.21 0.00	28.37 1.66 0.00	32.70 2.17 0.00	33.37 2.18 0.00	30.23 1.98 0.00	25.41 1.53 0.00	22.56 1.34 0.00



ISLIP_RES_REC 323679	26.46 2.47 -2.86	21.70 2.22 -0.02	20.46 2.04 -0.01	20.05 1.99 -0.01	20.53 1.98 -0.01	22.63 2.25 -0.68	25.98 2.70 -0.02	28.24 2.73 0.00	28.55 2.64 -0.02	27.55 2.80 0.00	24.91 2.67 -0.02	22.92 2.51 -0.02	21.12 2.21 0.00	19.80 1.99 0.00	19.55 2.02 0.00	19.59 2.16 0.00	21.36 2.37 -0.02	25.47 2.77 -0.34	29.83 3.10 -0.01	34.11 3.57 -0.01	34.76 3.55 -0.01	31.41 3.14 -0.01	26.29 2.41 0.00	24.36 2.36 -0.78
JAMAICA__27_KV_LOAD 355505	22.95 1.82 0.00	20.98 1.52 0.00	19.75 1.34 0.00	19.36 1.30 0.00	19.78 1.24 0.00	21.13 1.42 0.00	25.01 1.74 0.00	27.48 1.96 0.00	28.17 2.28 0.00	26.86 2.10 0.00	24.24 2.02 0.00	22.29 1.90 0.00	21.14 1.72 -0.51	19.91 1.66 -0.45	19.18 1.63 -0.02	19.08 1.64 -0.02	20.80 1.82 -0.02	24.46 2.10 0.00	29.20 2.48 0.00	33.25 2.72 0.00	33.78 2.59 0.00	30.49 2.23 0.00	25.77 1.89 0.00	22.90 1.68 0.00
JANIS__SOLAR 323808	22.16 1.04 0.00	20.32 0.86 0.00	19.31 0.90 0.00	18.92 0.87 0.00	19.43 0.89 0.00	20.66 0.95 0.00	24.38 1.12 0.00	26.81 1.30 0.00	26.98 1.09 0.00	25.72 0.96 0.00	22.95 0.73 0.00	20.92 0.53 0.00	19.38 0.47 0.00	18.21 0.41 0.00	17.93 0.40 0.00	17.80 0.37 0.00	19.44 0.47 0.00	23.03 0.67 0.00	27.79 1.07 0.00	31.91 1.38 0.00	32.75 1.56 0.00	29.73 1.47 0.00	25.20 1.31 0.00	22.35 1.12 0.00
JARVIS____ 23743	21.30 0.17 0.00	19.60 0.14 0.00	18.54 0.13 0.00	18.18 0.13 0.00	18.67 0.13 0.00	19.85 0.14 0.00	23.42 0.16 0.00	25.69 0.18 0.00	26.10 0.21 0.00	24.95 0.20 0.00	22.40 0.18 0.00	21.12 0.16 -0.57	19.70 0.13 -0.66	18.53 0.13 -0.60	18.34 0.12 -0.68	18.18 0.12 -0.63	19.63 0.13 -0.53	23.13 0.16 -0.62	27.52 0.19 -0.62	30.77 0.24 0.00	31.41 0.22 0.00	28.46 0.20 0.00	24.05 0.17 0.00	21.38 0.15 0.00
JENNISON__1 23625	22.40 1.27 0.00	20.53 1.07 0.00	19.51 1.10 0.00	19.12 1.07 0.00	19.61 1.08 0.00	20.87 1.16 0.00	24.63 1.37 0.00	27.07 1.56 0.00	27.34 1.45 0.00	26.19 1.44 0.00	23.42 1.20 0.00	21.37 0.98 0.00	19.80 0.89 0.00	18.62 0.82 0.00	18.27 0.74 0.00	18.13 0.70 0.00	19.78 0.82 0.00	23.41 1.05 0.00	28.16 1.44 0.00	32.27 1.74 0.00	33.12 1.93 0.00	30.07 1.81 0.00	25.41 1.53 0.00	22.56 1.34 0.00
JENNISON__2 23626	22.40 1.27 0.00	20.53 1.07 0.00	19.51 1.10 0.00	19.12 1.07 0.00	19.61 1.08 0.00	20.87 1.16 0.00	24.63 1.37 0.00	27.07 1.56 0.00	27.34 1.45 0.00	26.19 1.44 0.00	23.42 1.20 0.00	21.37 0.98 0.00	19.80 0.89 0.00	18.62 0.82 0.00	18.27 0.74 0.00	18.13 0.70 0.00	19.78 0.82 0.00	23.41 1.05 0.00	28.16 1.44 0.00	32.27 1.74 0.00	33.12 1.93 0.00	30.07 1.81 0.00	25.41 1.53 0.00	22.56 1.34 0.00
JERICHO_RISE_WT_PWR 323719	19.95 -1.18 0.00	18.57 -0.90 0.00	17.63 -0.77 0.00	17.26 -0.79 0.00	17.70 -0.83 0.00	18.72 -0.98 0.00	22.17 -1.09 0.00	24.47 -1.05 0.00	24.76 -1.14 0.00	23.47 -1.29 0.00	20.73 -1.49 11.20	7.77 -1.43 13.00	4.57 -1.34 11.80	4.76 -1.25 13.50	2.76 -1.26 12.44	3.82 -1.17 10.39	7.38 -1.19 12.24	8.89 -1.23 12.18	13.15 -1.39 0.01	29.00 -1.53 0.00	29.76 -1.43 0.00	26.99 -1.27 0.00	22.57 -1.31 0.00	20.06 -1.17 0.00
KATONAH__115KV_46KV_TB4 355592	22.69 1.56 0.00	20.88 1.42 0.00	19.69 1.29 0.00	19.30 1.25 0.00	19.78 1.24 0.00	21.03 1.32 0.00	24.89 1.63 0.00	27.27 1.76 0.00	27.94 2.05 0.00	26.66 1.91 0.00	24.02 1.80 0.00	22.09 1.69 0.00	20.46 1.55 0.00	19.34 1.53 0.00	19.04 1.51 0.00	18.96 1.53 0.00	20.62 1.65 0.00	24.19 1.83 0.00	28.88 2.16 0.00	32.91 2.38 0.00	33.56 2.37 0.00	30.29 2.03 0.00	25.53 1.65 0.00	22.69 1.46 0.00
KCE_NY_1 323755	22.04 0.91 0.00	20.28 0.82 0.00	19.11 0.70 0.00	18.76 0.70 0.00	19.30 0.76 0.00	20.54 0.83 0.00	24.24 0.98 0.00	26.53 1.02 0.00	27.06 1.17 0.00	25.87 1.12 0.00	23.17 0.95 0.00	21.23 0.84 0.00	19.66 0.76 0.00	18.44 0.64 0.00	18.14 0.61 0.00	18.09 0.66 0.00	19.71 0.74 0.00	23.32 0.96 0.00	27.92 1.20 0.00	31.97 1.44 0.00	32.60 1.40 0.00	29.56 1.30 0.00	24.91 1.03 0.00	22.12 0.89 0.00
KCE_NY_6_ESR 323823	20.85 -0.28 0.00	19.11 -0.35 0.00	18.39 -0.02 0.00	18.02 -0.04 0.00	18.48 -0.06 0.00	19.49 -0.22 0.00	22.66 -0.60 0.00	24.77 -0.74 0.00	24.81 -1.09 0.00	23.69 -1.06 0.00	21.49 -0.73 0.00	19.78 -0.61 0.00	18.42 -0.49 0.00	17.31 -0.50 0.00	17.06 -0.47 0.00	16.91 -0.52 0.00	18.38 -0.59 0.00	21.31 -1.05 0.00	25.49 -1.23 0.00	29.07 -1.46 0.00	30.04 -1.15 0.00	27.30 -0.96 0.00	23.62 -0.26 0.00	21.12 -0.11 0.00
KEDC_PORT_JEFF_GT2 24210	26.33 2.35 -2.86	21.59 2.10 -0.02	20.36 1.95 -0.01	19.96 1.90 -0.01	20.42 1.87 -0.01	22.52 2.13 -0.68	25.84 2.56 -0.02	28.12 2.60 0.00	28.42 2.51 -0.02	27.41 2.65 0.00	24.77 2.53 -0.02	22.80 2.38 -0.02	21.02 2.12 0.00	19.73 1.92 0.00	19.46 1.93 0.00	19.52 2.09 0.00	21.26 2.27 -0.02	25.34 2.64 -0.34	29.67 2.94 -0.02	33.90 3.36 -0.02	34.55 3.34 -0.02	31.24 2.97 -0.02	26.18 2.29 0.00	24.23 2.23 -0.78
KEDC_PORT_JEFF_GT3 24211	26.33 2.35 -2.86	21.59 2.10 -0.02	20.36 1.95 -0.01	19.96 1.90 -0.01	20.42 1.87 -0.01	22.52 2.13 -0.68	25.84 2.56 -0.02	28.12 2.60 0.00	28.42 2.51 -0.02	27.41 2.65 0.00	24.77 2.53 -0.02	22.80 2.38 -0.02	21.02 2.12 0.00	19.73 1.92 0.00	19.46 1.93 0.00	19.52 2.09 0.00	21.26 2.27 -0.02	25.34 2.64 -0.34	29.67 2.94 -0.02	33.90 3.36 -0.02	34.55 3.34 -0.02	31.24 2.97 -0.02	26.18 2.29 0.00	24.23 2.23 -0.78
KEDC_GLWD_GT4 24219	25.80 1.82 -2.86	21.09 1.61 -0.02	19.90 1.49 -0.01	19.51 1.44 -0.01	19.97 1.43 -0.01	21.65 1.54 -0.40	25.14 1.86 -0.02	27.50 1.99 0.00	28.00 2.10 -0.01	26.91 2.15 0.00	24.28 2.04 -0.02	22.37 1.96 -0.02	20.70 1.80 0.00	19.48 1.67 0.00	19.16 1.63 0.00	19.14 1.71 0.00	20.84 1.86 -0.02	24.77 2.08 -0.34	29.09 2.38 0.00	33.25 2.72 0.00	33.84 2.65 0.00	30.54 2.29 0.00	25.70 1.81 0.00	23.68 1.68 -0.77
KEDC_GLWD_GT5 24220	25.80 1.82 -2.86	21.09 1.61 -0.02	19.90 1.49 -0.01	19.51 1.44 -0.01	19.97 1.43 -0.01	21.65 1.54 -0.40	25.14 1.86 -0.02	27.50 1.99 0.00	28.00 2.10 -0.01	26.91 2.15 0.00	24.28 2.04 -0.02	22.37 1.96 -0.02	20.70 1.80 0.00	19.48 1.67 0.00	19.16 1.63 0.00	19.14 1.71 0.00	20.84 1.86 -0.02	24.77 2.08 -0.34	29.09 2.38 0.00	33.25 2.72 0.00	33.84 2.65 0.00	30.54 2.29 0.00	25.70 1.81 0.00	23.68 1.68 -0.77
KENSICO____ 23655	22.69 1.56 0.00	20.85 1.38 0.00	19.66 1.25 0.00	19.26 1.21 0.00	19.74 1.20 0.00	21.03 1.32 0.00	24.87 1.60 0.00	27.27 1.76 0.00	27.89 1.99 0.00	26.61 1.86 0.00	24.00 1.78 0.00	22.09 1.69 0.00	20.50 1.59 0.00	19.32 1.51 0.00	19.02 1.49 0.00	18.95 1.52 0.00	20.58 1.61 0.00	24.19 1.83 0.00	28.85 2.14 0.00	32.94 2.41 0.00	33.53 2.34 0.00	30.23 1.98 0.00	25.51 1.62 0.00	22.67 1.44 0.00



KERHONKS_69_KV_TR1_REV_LBMP_G 345021	23.01 1.88 0.00	21.08 1.62 0.00	19.93 1.53 0.00	19.50 1.44 0.00	19.98 1.45 0.00	21.27 1.56 0.00	25.19 1.93 0.00	27.58 2.07 0.00	28.07 2.18 0.00	26.81 2.05 0.00	24.04 1.82 0.00	22.11 1.71 0.00	20.48 1.57 0.00	19.32 1.51 0.00	19.00 1.47 0.00	18.91 1.48 0.00	20.62 1.65 0.00	24.26 1.90 0.00	29.09 2.38 0.00	33.31 2.78 0.00	34.00 2.81 0.00	30.77 2.51 0.00	25.96 2.08 0.00	22.95 1.72 0.00
KIAC_JFK_GT1 23816	22.82 1.69 0.00	20.88 1.42 0.00	19.66 1.25 0.00	19.26 1.21 0.00	19.69 1.15 0.00	21.03 1.32 0.00	24.89 1.63 0.00	27.35 1.84 0.00	28.04 2.15 0.00	26.74 1.98 0.00	24.13 1.91 0.00	22.19 1.79 0.00	21.04 1.63 -0.51	19.80 1.55 -0.45	19.09 1.54 -0.02	19.00 1.55 -0.02	20.71 1.73 -0.02	24.35 1.99 0.00	29.07 2.35 0.00	33.06 2.53 0.00	33.50 2.31 0.00	30.35 2.09 0.00	25.65 1.77 0.00	22.80 1.57 0.00
KIAC_JFK_GT2 23817	22.82 1.69 0.00	20.88 1.42 0.00	19.66 1.25 0.00	19.26 1.21 0.00	19.69 1.15 0.00	21.03 1.32 0.00	24.89 1.63 0.00	27.35 1.84 0.00	28.04 2.15 0.00	26.74 1.98 0.00	24.13 1.91 0.00	22.19 1.79 0.00	21.04 1.63 -0.51	19.80 1.55 -0.45	19.09 1.54 -0.02	19.00 1.55 -0.02	20.71 1.73 -0.02	24.35 1.99 0.00	29.07 2.35 0.00	33.06 2.53 0.00	33.50 2.31 0.00	30.35 2.09 0.00	25.65 1.77 0.00	22.80 1.57 0.00
KIAC_JFK____ 323774	22.82 1.69 0.00	20.88 1.42 0.00	19.66 1.25 0.00	19.27 1.21 0.00	19.69 1.15 0.00	21.03 1.32 0.00	24.89 1.63 0.00	27.32 1.81 0.00	27.94 2.05 0.00	26.74 1.98 0.00	24.13 1.91 0.00	22.19 1.80 0.00	21.04 1.63 -0.51	19.80 1.55 -0.45	19.05 1.51 -0.02	19.00 1.55 -0.02	20.71 1.73 -0.02	24.35 1.99 0.00	29.07 2.35 0.00	33.06 2.53 0.00	33.69 2.50 0.00	30.35 2.09 0.00	25.60 1.72 0.00	22.80 1.57 0.00
KINTIGH____ 23543	20.52 -0.61 0.00	18.82 -0.64 0.00	18.02 -0.39 0.00	17.66 -0.40 0.00	18.11 -0.43 0.00	19.12 -0.59 0.00	22.28 -0.98 0.00	24.29 -1.22 0.00	24.06 -1.84 0.00	23.37 -1.39 0.00	21.15 -1.07 0.00	19.54 -0.86 0.00	18.19 -0.72 0.00	17.09 -0.71 0.00	16.67 -0.86 0.00	16.73 -0.70 0.00	18.21 -0.76 0.00	21.17 -1.18 0.00	25.30 -1.42 0.00	28.82 -1.71 0.00	29.72 -1.47 0.00	26.93 -1.33 0.00	23.14 -0.74 0.00	20.76 -0.47 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	19.95 -1.18 0.00	18.69 -0.78 0.00	17.78 -0.63 0.00	17.41 -0.65 0.00	17.85 -0.69 0.00	18.84 -0.87 0.00	22.35 -0.91 0.00	24.72 -0.79 0.00	24.99 -0.91 0.00	23.62 -1.14 0.00	20.71 -1.51 0.00	7.58 -1.47 11.34	4.34 -1.40 13.17	4.57 -1.28 11.95	2.55 -1.30 13.68	3.61 -1.22 12.60	7.23 -1.21 10.53	8.80 -1.16 12.40	13.12 -1.26 12.34	29.09 -1.43 0.01	29.94 -1.25 0.00	27.18 -1.07 0.00	22.67 -1.22 0.00	20.14 -1.08 0.00
LACHUTE____HYDRO 323717	22.52 1.39 0.00	20.63 1.17 0.00	19.38 0.97 0.00	19.01 0.96 0.00	19.61 1.07 0.00	20.89 1.18 0.00	24.70 1.44 0.00	27.02 1.50 0.00	27.73 1.84 0.00	26.42 1.66 0.00	23.53 1.31 0.00	21.49 1.10 0.00	19.81 0.91 0.00	18.46 0.66 0.00	18.13 0.60 0.00	18.09 0.66 0.00	19.80 0.83 0.00	23.56 1.21 0.00	28.37 1.66 0.00	32.73 2.20 0.00	33.37 2.18 0.00	30.23 1.98 0.00	25.43 1.55 0.00	22.56 1.34 0.00
LAWRNCV_115KV_TB1 80681	19.80 -1.33 0.00	18.33 -1.13 0.00	17.34 -1.07 0.00	16.99 -1.07 0.00	17.48 -1.06 0.00	18.55 -1.16 0.00	22.00 -1.26 0.00	24.14 -1.38 0.00	24.47 -1.42 0.00	23.30 -1.46 0.00	20.73 -1.49 0.00	9.45 -1.37 9.58	6.50 -1.29 11.12	6.52 -1.19 10.10	4.78 -1.19 11.55	5.60 -1.19 10.64	8.80 -1.27 8.89	10.48 -1.41 10.47	14.67 -1.63 10.42	28.69 -1.83 0.01	29.44 -1.75 0.00	26.73 -1.53 0.00	22.47 -1.41 0.00	20.00 -1.23 0.00
LEDERLE____ 23769	22.67 1.54 0.00	20.83 1.36 0.00	19.66 1.25 0.00	19.26 1.21 0.00	19.74 1.20 0.00	21.05 1.34 0.00	24.84 1.58 0.00	27.22 1.71 0.00	27.81 1.92 0.00	26.56 1.81 0.00	23.95 1.73 0.00	22.03 1.63 0.00	20.44 1.53 0.00	19.26 1.46 0.00	18.97 1.44 0.00	18.88 1.45 0.00	20.52 1.56 0.00	24.12 1.77 0.00	28.77 2.06 0.00	32.82 2.29 0.00	33.44 2.25 0.00	30.18 1.92 0.00	25.48 1.60 0.00	22.61 1.38 0.00
LIGHTHSE_115KV_TB6 355974	20.85 -0.27 0.00	19.17 -0.29 0.00	18.15 -0.26 0.00	17.80 -0.25 0.00	18.28 -0.26 0.00	19.43 -0.28 0.00	22.89 -0.37 0.00	25.10 -0.41 0.00	25.35 -0.54 0.00	24.29 -0.47 0.00	21.78 -0.44 0.00	19.09 -0.47 0.84	17.50 -0.43 0.97	16.51 -0.41 0.88	16.08 -0.44 1.01	16.06 -0.44 0.93	17.72 -0.47 0.78	20.93 -0.51 0.91	25.32 -0.48 0.91	30.07 -0.46 0.00	30.94 -0.25 0.00	28.03 -0.23 0.00	23.69 -0.19 0.00	21.04 -0.19 0.00
LINDEN COGEN____ 23786	22.78 1.65 0.00	20.88 1.42 0.00	19.69 1.29 0.00	19.28 1.23 0.00	19.73 1.19 0.00	21.03 1.32 0.00	24.89 1.63 0.00	27.32 1.81 0.00	27.89 1.99 0.00	26.69 1.93 0.00	24.11 1.89 0.00	22.19 1.80 0.00	21.10 1.68 -0.51	19.87 1.62 -0.45	19.09 1.54 -0.02	19.05 1.60 -0.02	20.71 1.73 -0.02	24.28 1.92 0.00	28.98 2.27 0.00	33.09 2.56 0.00	33.69 2.50 0.00	30.29 2.04 0.00	25.55 1.67 0.00	22.73 1.51 0.00
LINDHRST_69_KV_BK1 356055	26.19 2.20 -2.86	21.47 1.99 -0.02	20.23 1.82 0.00	19.82 1.77 0.00	20.30 1.76 0.00	22.26 1.93 -0.62	25.58 2.30 -0.02	28.01 2.50 0.00	28.67 2.77 -0.01	27.31 2.55 0.00	24.66 2.42 -0.02	22.70 2.28 -0.02	20.97 2.06 0.00	19.69 1.89 0.00	19.44 1.91 0.00	19.42 1.99 0.00	21.17 2.18 -0.02	25.18 2.48 -0.34	29.49 2.78 0.00	33.74 3.21 0.00	34.37 3.18 0.00	31.08 2.83 0.00	26.20 2.32 0.00	24.08 2.08 -0.78
LIPA_MISC_IPP 23656	26.38 2.39 -2.86	21.64 2.16 -0.02	20.39 1.99 0.00	19.99 1.93 0.00	20.45 1.91 0.00	22.64 2.25 -0.68	25.96 2.67 -0.02	28.37 2.86 0.00	28.93 3.03 -0.01	27.46 2.70 0.00	24.82 2.58 -0.02	22.82 2.41 -0.02	21.02 2.12 0.00	19.73 1.92 0.00	19.51 1.98 0.00	19.56 2.13 0.00	21.28 2.29 -0.02	25.38 2.68 -0.34	29.75 3.02 -0.01	34.02 3.48 -0.01	34.63 3.43 -0.01	31.32 3.05 -0.01	26.39 2.51 0.00	24.28 2.27 -0.78
LISF____SOLAR 323691	26.44 2.45 -2.86	21.68 2.20 -0.02	20.44 2.02 -0.01	20.03 1.97 -0.01	20.49 1.95 -0.01	22.65 2.27 -0.68	26.03 2.74 -0.02	28.27 2.76 0.00	28.50 2.59 -0.02	27.48 2.72 0.00	24.84 2.60 -0.02	22.86 2.45 -0.02	21.04 2.14 0.00	19.75 1.94 0.00	19.49 1.96 0.00	19.59 2.16 0.00	21.32 2.33 -0.02	25.42 2.73 -0.34	29.80 3.07 -0.01	34.08 3.54 -0.01	34.73 3.52 -0.01	31.41 3.14 -0.01	26.27 2.39 0.00	24.34 2.33 -0.78
LITTLE FALLS____HYD 24013	21.40 0.27 0.00	19.70 0.23 0.00	18.61 0.20 0.00	18.24 0.18 0.00	18.69 0.15 0.00	19.93 0.22 0.00	23.52 0.26 0.00	25.87 0.36 0.00	26.28 0.39 0.00	25.10 0.35 0.00	22.49 0.27 0.00	21.08 0.12 -0.57	19.60 0.04 -0.66	18.38 -0.02 -0.60	18.16 -0.05 -0.68	17.99 -0.07 -0.63	19.42 -0.08 -0.53	22.89 -0.09 -0.62	27.25 -0.08 -0.62	30.53 0.00 0.00	31.22 0.03 0.00	28.37 0.11 0.00	24.00 0.12 0.00	21.35 0.13 0.00



LITTLRIV_115KV_TB1 356100	19.95 -1.18 0.00	18.45 -1.01 0.00	17.45 -0.96 0.00	17.10 -0.96 0.00	17.59 -0.95 0.00	18.66 -1.04 0.00	22.17 -1.09 0.00	24.31 -1.20 0.00	24.65 -1.24 0.00	23.47 -1.29 0.00	20.86 -1.36 0.00	9.78 -1.24 9.37	6.84 -1.19 10.87	6.81 -1.12 9.87	5.13 -1.10 11.30	5.91 -1.12 10.41	9.10 -1.18 8.69	10.84 -1.27 10.24	15.11 -1.42 10.19	28.94 -1.59 0.01	29.76 -1.43 0.00	26.99 -1.27 0.00	22.67 -1.22 0.00	20.17 -1.06 0.00
LI_NEWBRDGE___DRP 323616	25.72 1.73 -2.86	21.04 1.56 -0.02	19.86 1.45 0.00	19.48 1.43 0.00	19.95 1.41 0.00	21.90 1.50 -0.69	25.12 1.84 -0.02	27.55 2.04 0.00	28.18 2.28 -0.01	26.86 2.10 0.00	24.20 1.96 -0.02	22.31 1.90 -0.02	20.65 1.74 0.00	19.41 1.60 0.00	19.14 1.61 0.00	19.10 1.67 0.00	20.79 1.80 -0.02	24.69 1.99 -0.34	28.96 2.24 0.00	33.09 2.56 0.00	33.69 2.50 0.00	30.46 2.20 0.00	25.75 1.86 0.00	23.62 1.61 -0.78
LOCKPORT_115KV_TB60_63_64 80432	20.50 -0.63 0.00	18.78 -0.68 0.00	18.04 -0.37 0.00	17.69 -0.36 0.00	18.13 -0.41 0.00	19.10 -0.61 0.00	22.19 -1.07 0.00	24.14 -1.38 0.00	23.82 -2.07 0.00	23.17 -1.58 0.00	21.04 -1.18 0.00	19.42 -0.98 0.00	18.08 -0.83 0.00	16.99 -0.82 0.00	16.51 -1.02 0.00	16.61 -0.82 0.00	18.06 -0.91 0.00	20.95 -1.41 0.00	25.03 -1.68 0.00	28.55 -1.98 0.00	29.54 -1.65 0.00	26.76 -1.50 0.00	23.07 -0.81 0.00	20.76 -0.47 0.00
LOCKPORT___CC1 323769	20.50 -0.63 0.00	18.78 -0.68 0.00	18.06 -0.35 0.00	17.71 -0.34 0.00	18.13 -0.41 0.00	19.10 -0.61 0.00	22.21 -1.05 0.00	24.24 -1.27 0.00	24.26 -1.63 0.00	23.17 -1.58 0.00	21.04 -1.18 0.00	19.42 -0.98 0.00	18.09 -0.81 0.00	17.00 -0.80 0.00	16.78 -0.75 0.00	16.63 -0.80 0.00	18.08 -0.89 0.00	20.95 -1.41 0.00	25.06 -1.66 0.00	28.55 -1.98 0.00	29.47 -1.72 0.00	26.76 -1.50 0.00	23.19 -0.69 0.00	20.78 -0.45 0.00
LOCKPORT___CC2 323770	20.50 -0.63 0.00	18.78 -0.68 0.00	18.06 -0.35 0.00	17.71 -0.34 0.00	18.13 -0.41 0.00	19.10 -0.61 0.00	22.21 -1.05 0.00	24.24 -1.27 0.00	24.26 -1.63 0.00	23.17 -1.58 0.00	21.04 -1.18 0.00	19.42 -0.98 0.00	18.09 -0.81 0.00	17.00 -0.80 0.00	16.78 -0.75 0.00	16.63 -0.80 0.00	18.08 -0.89 0.00	20.95 -1.41 0.00	25.06 -1.66 0.00	28.55 -1.98 0.00	29.47 -1.72 0.00	26.76 -1.50 0.00	23.19 -0.69 0.00	20.78 -0.45 0.00
LOCKPORT___CC3 323771	20.50 -0.63 0.00	18.78 -0.68 0.00	18.06 -0.35 0.00	17.71 -0.34 0.00	18.13 -0.41 0.00	19.10 -0.61 0.00	22.21 -1.05 0.00	24.24 -1.27 0.00	24.26 -1.63 0.00	23.17 -1.58 0.00	21.04 -1.18 0.00	19.42 -0.98 0.00	18.09 -0.81 0.00	17.00 -0.80 0.00	16.78 -0.75 0.00	16.63 -0.80 0.00	18.08 -0.89 0.00	20.95 -1.41 0.00	25.06 -1.66 0.00	28.55 -1.98 0.00	29.47 -1.72 0.00	26.76 -1.50 0.00	23.19 -0.69 0.00	20.78 -0.45 0.00
LONG_LAKE_PHOENIX 24014	20.88 -0.25 0.00	19.19 -0.27 0.00	18.19 -0.22 0.00	17.82 -0.23 0.00	18.32 -0.22 0.00	19.45 -0.26 0.00	22.94 -0.33 0.00	25.18 -0.33 0.00	25.45 -0.44 0.00	24.39 -0.37 0.00	21.91 -0.31 0.00	20.07 -0.33 0.00	18.62 -0.28 0.00	17.52 -0.28 0.00	17.23 -0.30 0.00	17.13 -0.30 0.00	18.66 -0.30 0.00	21.98 -0.38 0.00	26.31 -0.40 0.00	30.10 -0.43 0.00	30.82 -0.37 0.00	27.92 -0.34 0.00	23.67 -0.21 0.00	21.01 -0.21 0.00
LOVETT___3 23632	22.57 1.44 0.00	20.73 1.27 0.00	19.57 1.16 0.00	19.17 1.12 0.00	19.67 1.13 0.00	20.95 1.24 0.00	24.73 1.47 0.00	27.12 1.61 0.00	27.71 1.81 0.00	26.44 1.68 0.00	23.84 1.62 0.00	21.92 1.53 0.00	20.36 1.46 0.00	19.19 1.39 0.00	18.90 1.37 0.00	18.81 1.38 0.00	20.45 1.48 0.00	24.01 1.65 0.00	28.67 1.95 0.00	32.70 2.17 0.00	33.28 2.09 0.00	30.04 1.78 0.00	25.36 1.48 0.00	22.50 1.27 0.00
LOVETT___4 23642	22.57 1.44 0.00	20.73 1.27 0.00	19.57 1.16 0.00	19.17 1.12 0.00	19.67 1.13 0.00	20.95 1.24 0.00	24.73 1.47 0.00	27.12 1.61 0.00	27.71 1.81 0.00	26.44 1.68 0.00	23.84 1.62 0.00	21.92 1.53 0.00	20.36 1.46 0.00	19.19 1.39 0.00	18.90 1.37 0.00	18.81 1.38 0.00	20.45 1.48 0.00	24.01 1.65 0.00	28.67 1.95 0.00	32.70 2.17 0.00	33.28 2.09 0.00	30.04 1.78 0.00	25.36 1.48 0.00	22.50 1.27 0.00
LOVETT___5 23593	22.57 1.44 0.00	20.73 1.27 0.00	19.57 1.16 0.00	19.17 1.12 0.00	19.67 1.13 0.00	20.95 1.24 0.00	24.73 1.47 0.00	27.12 1.61 0.00	27.71 1.81 0.00	26.44 1.68 0.00	23.84 1.62 0.00	21.92 1.53 0.00	20.36 1.46 0.00	19.19 1.39 0.00	18.90 1.37 0.00	18.81 1.38 0.00	20.45 1.48 0.00	24.01 1.65 0.00	28.67 1.95 0.00	32.70 2.17 0.00	33.28 2.09 0.00	30.04 1.78 0.00	25.36 1.48 0.00	22.50 1.27 0.00
LOWER RAQUET___HYD 24057	19.65 -1.48 0.00	18.18 -1.29 0.00	17.19 -1.22 0.00	16.85 -1.21 0.00	17.33 -1.20 0.00	18.39 -1.32 0.00	21.82 -1.44 0.00	23.93 -1.58 0.00	24.24 -1.66 0.00	23.10 -1.66 0.00	20.55 -1.67 0.00	9.70 -1.53 9.17	6.81 -1.46 10.64	6.79 -1.35 9.66	5.11 -1.37 11.06	5.89 -1.36 10.18	9.01 -1.44 8.51	10.75 -1.59 10.02	14.93 -1.82 9.97	28.48 -2.05 0.01	29.26 -1.93 0.00	26.53 -1.72 0.00	22.28 -1.60 0.00	19.82 -1.40 0.00
LOWER___HUDSON 24059	21.85 0.72 0.00	20.16 0.70 0.00	18.98 0.57 0.00	18.65 0.59 0.00	19.17 0.63 0.00	20.42 0.71 0.00	24.07 0.81 0.00	26.35 0.84 0.00	26.85 0.96 0.00	25.70 0.94 0.00	23.06 0.84 0.00	21.17 0.77 0.00	19.59 0.68 0.00	18.43 0.62 0.00	18.13 0.60 0.00	18.07 0.65 0.00	19.67 0.70 0.00	23.25 0.90 0.00	27.76 1.04 0.00	31.72 1.19 0.00	32.28 1.09 0.00	29.30 1.05 0.00	24.70 0.81 0.00	21.93 0.70 0.00
LOWVILLE_115KV_TB2 356335	20.98 -0.15 0.00	19.29 -0.18 0.00	18.24 -0.17 0.00	17.89 -0.16 0.00	18.37 -0.17 0.00	19.53 -0.18 0.00	23.12 -0.14 0.00	25.16 -0.36 0.00	25.35 -0.54 0.00	24.16 -0.59 0.00	21.49 -0.73 0.00	17.37 -0.77 2.25	15.56 -0.74 2.61	14.72 -0.71 2.37	14.08 -0.74 2.71	14.16 -0.77 2.50	16.10 -0.78 2.09	19.14 -0.76 2.46	23.63 -0.64 2.45	30.10 -0.43 0.00	31.25 0.06 0.00	28.34 0.08 0.00	23.84 -0.05 0.00	21.14 -0.08 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	22.04 0.91 0.00	20.28 0.82 0.00	19.11 0.70 0.00	18.74 0.69 0.00	19.28 0.74 0.00	20.54 0.83 0.00	24.24 0.98 0.00	26.53 1.02 0.00	27.09 1.19 0.00	25.85 1.09 0.00	23.18 0.96 0.00	21.23 0.84 0.00	19.64 0.74 0.00	18.45 0.64 0.00	18.16 0.63 0.00	18.09 0.66 0.00	19.71 0.74 0.00	23.32 0.96 0.00	27.89 1.18 0.00	31.96 1.43 0.00	32.56 1.37 0.00	29.53 1.27 0.00	24.89 1.00 0.00	22.10 0.87 0.00
LUTHERNY_35_KV_BK2 355980	22.04 0.91 0.00	20.28 0.82 0.00	19.11 0.70 0.00	18.76 0.70 0.00	19.30 0.76 0.00	20.54 0.83 0.00	24.24 0.98 0.00	26.53 1.02 0.00	27.09 1.19 0.00	25.87 1.11 0.00	23.18 0.96 0.00	21.23 0.84 0.00	19.66 0.76 0.00	18.45 0.64 0.00	18.18 0.65 0.00	18.09 0.66 0.00	19.71 0.74 0.00	23.32 0.96 0.00	27.92 1.20 0.00	31.96 1.43 0.00	32.59 1.40 0.00	29.56 1.30 0.00	24.91 1.03 0.00	22.12 0.89 0.00



LWR___OSWEGATCHIE_HYD 23850	20.03 -1.10 0.00	18.45 -1.01 0.00	17.47 -0.94 0.00	17.12 -0.94 0.00	17.59 -0.95 0.00	18.70 -1.01 0.00	22.14 -1.12 0.00	24.21 -1.30 0.00	24.47 -1.42 0.00	23.32 -1.44 0.00	20.73 -1.49 0.00	12.90 -1.41 6.08	10.50 -1.34 7.06	10.13 -1.26 6.41	8.93 -1.26 7.34	9.40 -1.27 6.76	11.97 -1.35 5.65	14.26 -1.45 6.65	18.55 -1.55 6.62	28.91 -1.62 0.00	29.85 -1.34 0.00	27.07 -1.19 0.00	22.76 -1.12 0.00	20.21 -1.02 0.00
LYONS_FALL_HYD 23570	21.24 0.11 0.00	19.52 0.06 0.00	18.48 0.07 0.00	18.13 0.07 0.00	18.59 0.06 0.00	19.79 0.08 0.00	23.38 0.12 0.00	25.54 0.03 0.00	25.82 -0.08 0.00	24.66 -0.10 0.00	22.00 -0.22 0.00	18.82 -0.31 1.27	17.13 -0.30 1.47	16.16 -0.30 1.34	15.67 -0.33 1.53	15.65 -0.37 1.41	17.45 -0.34 1.18	20.68 -0.29 1.39	25.20 -0.13 1.38	30.59 0.06 0.00	31.57 0.38 0.00	28.62 0.37 0.00	24.10 0.21 0.00	21.40 0.17 0.00
MADISON___COUNTY_LFGE 323628	21.72 0.59 0.00	19.95 0.49 0.00	18.88 0.48 0.00	18.52 0.47 0.00	19.02 0.48 0.00	20.22 0.51 0.00	23.89 0.63 0.00	26.20 0.69 0.00	26.54 0.65 0.00	25.40 0.64 0.00	22.75 0.53 0.00	20.80 0.41 0.00	19.27 0.36 0.00	18.11 0.30 0.00	17.79 0.26 0.00	17.66 0.23 0.00	19.27 0.30 0.00	22.78 0.42 0.00	27.36 0.64 0.00	31.35 0.82 0.00	32.16 0.97 0.00	29.16 0.90 0.00	24.62 0.74 0.00	21.86 0.64 0.00
MALONE___115KV_TB1 356076	19.99 -1.14 0.00	18.59 -0.88 0.00	17.65 -0.75 0.00	17.28 -0.78 0.00	17.76 -0.78 0.00	18.78 -0.93 0.00	22.28 -0.98 0.00	24.57 -0.94 0.00	24.88 -1.01 0.00	23.62 -1.14 0.00	20.86 -1.36 0.00	8.42 -1.28 10.69	5.27 -1.23 12.41	5.42 -1.12 11.26	3.50 -1.14 12.89	4.48 -1.08 11.87	7.95 -1.10 9.92	9.54 -1.14 11.68	13.81 -1.28 11.62	29.06 -1.47 0.01	29.88 -1.31 0.00	27.10 -1.16 0.00	22.69 -1.19 0.00	20.19 -1.04 0.00
MAPLEWOD_115KV_TB3 80458	21.83 0.70 0.00	20.13 0.66 0.00	18.98 0.57 0.00	18.63 0.58 0.00	19.13 0.59 0.00	20.38 0.67 0.00	24.05 0.79 0.00	26.33 0.82 0.00	26.88 0.98 0.00	25.67 0.92 0.00	23.06 0.84 0.00	21.15 0.75 0.00	19.59 0.68 0.00	18.41 0.61 0.00	18.14 0.61 0.00	18.06 0.63 0.00	19.65 0.68 0.00	23.23 0.87 0.00	27.70 0.99 0.00	31.69 1.16 0.00	32.28 1.09 0.00	29.22 0.96 0.00	24.72 0.84 0.00	21.95 0.72 0.00
MAPLE_RIDGE_WT_1 323574	20.47 -0.66 0.00	18.94 -0.52 0.00	17.95 -0.46 0.00	17.60 -0.45 0.00	18.11 -0.43 0.00	19.28 -0.43 0.00	22.77 -0.49 0.00	25.00 -0.51 0.00	25.35 -0.55 0.00	24.14 -0.62 0.00	21.49 -0.73 0.00	0.00 -0.73 19.66	-4.59 -0.68 22.82	-3.57 -0.66 20.72	-6.85 -0.67 23.71	-5.07 -0.66 21.84	0.00 -0.72 18.25	0.00 -0.87 21.48	4.29 -1.04 21.38	29.39 -1.13 0.01	30.10 -1.09 0.00	27.30 -0.96 0.00	23.05 -0.84 0.00	20.50 -0.72 0.00
MAPLE_RIDGE_WT_2 323611	20.47 -0.66 0.00	18.94 -0.52 0.00	17.95 -0.46 0.00	17.60 -0.45 0.00	18.11 -0.43 0.00	19.28 -0.43 0.00	22.77 -0.49 0.00	25.00 -0.51 0.00	25.35 -0.55 0.00	24.14 -0.62 0.00	21.49 -0.73 0.00	0.00 -0.73 19.66	-4.59 -0.68 22.82	-3.57 -0.66 20.72	-6.85 -0.67 23.71	-5.07 -0.66 21.84	0.00 -0.72 18.25	0.00 -0.87 21.48	4.29 -1.04 21.38	29.39 -1.13 0.01	30.10 -1.09 0.00	27.30 -0.96 0.00	23.05 -0.84 0.00	20.50 -0.72 0.00
MARBLE_RIVER_WT_PWR 323696	19.54 -1.59 0.00	18.35 -1.11 0.00	17.52 -0.88 0.00	17.15 -0.90 0.00	17.57 -0.96 0.00	18.55 -1.16 0.00	21.96 -1.30 0.00	24.31 -1.20 0.00	24.58 -1.32 0.00	23.15 -1.61 0.00	20.20 -2.02 0.00	7.07 -1.96 11.37	3.88 -1.83 13.20	4.15 -1.67 11.98	2.12 -1.70 13.71	3.20 -1.60 12.63	6.80 -1.61 10.55	8.32 -1.61 12.43	12.61 -1.74 12.37	28.57 -1.95 0.01	29.41 -1.78 0.00	26.68 -1.58 0.00	22.19 -1.70 0.00	19.70 -1.53 0.00
MARSHVLE_115KV_TB1 80742	22.59 1.46 0.00	20.77 1.30 0.00	19.60 1.20 0.00	19.23 1.17 0.00	19.78 1.24 0.00	21.07 1.36 0.00	24.70 1.44 0.00	27.07 1.56 0.00	27.60 1.71 0.00	26.29 1.53 0.00	23.49 1.27 0.00	21.41 1.02 0.00	19.76 0.85 0.00	18.53 0.73 0.00	18.23 0.70 0.00	18.16 0.73 0.00	19.86 0.89 0.00	23.59 1.23 0.00	28.45 1.74 0.00	32.76 2.23 0.00	33.56 2.37 0.00	30.57 2.32 0.00	25.72 1.84 0.00	22.82 1.59 0.00
MARSH_HILL_WT_PWR 323713	21.32 0.19 0.00	19.56 0.10 0.00	18.74 0.33 0.00	18.38 0.33 0.00	18.91 0.37 0.00	20.04 0.33 0.00	23.49 0.23 0.00	25.79 0.28 0.00	25.79 -0.10 0.00	24.53 -0.22 0.00	22.00 -0.22 0.00	20.13 -0.27 0.00	18.66 -0.25 0.00	17.52 -0.29 0.00	17.23 -0.30 0.00	17.05 -0.38 0.00	18.57 -0.40 0.00	21.69 -0.67 0.00	26.10 -0.61 0.00	29.89 -0.64 0.00	30.82 -0.37 0.00	28.00 -0.25 0.00	24.12 0.24 0.00	21.55 0.32 0.00
MCINTYRE_115KV_TB2 80467	20.22 -0.91 0.00	18.70 -0.76 0.00	17.69 -0.72 0.00	17.33 -0.72 0.00	17.83 -0.70 0.00	18.94 -0.77 0.00	22.47 -0.79 0.00	24.67 -0.84 0.00	24.96 -0.93 0.00	23.77 -0.99 0.00	21.15 -1.07 0.00	9.70 -1.00 9.69	6.72 -0.95 11.25	6.70 -0.89 10.21	4.95 -0.89 11.69	5.76 -0.91 10.76	9.03 -0.95 8.99	10.78 -0.98 10.59	15.14 -1.04 10.54	29.36 -1.16 0.01	30.16 -1.03 0.00	27.38 -0.88 0.00	22.98 -0.91 0.00	20.44 -0.79 0.00
MECO____69_KV_BK1 80468	23.31 2.18 0.00	21.39 1.93 0.00	20.15 1.75 0.00	19.75 1.70 0.00	20.35 1.82 0.00	21.70 1.99 0.00	25.52 2.26 0.00	27.91 2.40 0.00	28.54 2.64 0.00	27.11 2.35 0.00	24.15 1.93 0.00	21.94 1.55 0.00	20.17 1.27 0.00	18.87 1.07 0.00	18.56 1.03 0.00	18.53 1.10 0.00	20.33 1.37 0.00	24.23 1.88 0.00	29.36 2.64 0.00	33.95 3.42 0.00	34.81 3.62 0.00	31.62 3.36 0.00	26.58 2.70 0.00	23.58 2.36 0.00
MENANDS__115KV_TB5 355628	21.76 0.63 0.00	20.09 0.62 0.00	18.94 0.53 0.00	18.60 0.54 0.00	19.09 0.56 0.00	20.32 0.61 0.00	23.98 0.72 0.00	26.28 0.77 0.00	26.80 0.91 0.00	25.60 0.84 0.00	23.02 0.80 0.00	21.11 0.71 0.00	19.55 0.64 0.00	18.39 0.59 0.00	18.11 0.58 0.00	18.02 0.59 0.00	19.61 0.64 0.00	23.18 0.83 0.00	27.62 0.91 0.00	31.60 1.07 0.00	32.16 0.97 0.00	29.13 0.88 0.00	24.65 0.76 0.00	21.91 0.68 0.00
MG INDUSTRY___DRP 24185	21.70 0.57 0.00	20.01 0.54 0.00	18.88 0.48 0.00	18.54 0.49 0.00	19.04 0.50 0.00	20.26 0.55 0.00	23.91 0.65 0.00	26.18 0.66 0.00	26.65 0.75 0.00	25.40 0.64 0.00	22.78 0.56 0.00	20.86 0.47 0.00	19.30 0.40 0.00	18.16 0.36 0.00	17.92 0.39 0.00	17.85 0.42 0.00	19.44 0.47 0.00	23.00 0.65 0.00	27.46 0.75 0.00	31.42 0.89 0.00	32.03 0.84 0.00	29.02 0.76 0.00	24.58 0.69 0.00	21.84 0.62 0.00
MID___OSWEGATCHIE_HYD 23849	20.03 -1.10 0.00	18.45 -1.01 0.00	17.47 -0.94 0.00	17.12 -0.94 0.00	17.59 -0.95 0.00	18.70 -1.01 0.00	22.14 -1.12 0.00	24.21 -1.30 0.00	24.47 -1.42 0.00	23.32 -1.44 0.00	20.73 -1.49 0.00	12.90 -1.41 6.08	10.50 -1.34 7.06	10.13 -1.26 6.41	8.93 -1.26 7.34	9.40 -1.27 6.76	11.97 -1.35 5.65	14.26 -1.45 6.65	18.55 -1.55 6.62	28.91 -1.62 0.00	29.85 -1.34 0.00	27.07 -1.19 0.00	22.76 -1.12 0.00	20.21 -1.02 0.00



MID___RAQUETTE_HYD 23851	19.65 -1.48 0.00	18.18 -1.28 0.00	17.19 -1.21 0.00	16.85 -1.21 0.00	17.33 -1.20 0.00	18.39 -1.32 0.00	21.82 -1.44 0.00	23.96 -1.56 0.00	24.26 -1.63 0.00	23.10 -1.66 0.00	20.55 -1.67 0.00	9.70 -1.53 9.17	6.81 -1.46 10.64	6.79 -1.35 9.66	5.12 -1.35 11.06	5.90 -1.34 10.18	9.02 -1.44 8.51	10.75 -1.59 10.02	14.93 -1.82 9.97	28.48 -2.05 0.01	29.26 -1.93 0.00	26.53 -1.72 0.00	22.28 -1.60 0.00	19.83 -1.40 0.00
MILLIKEN___1 23584	21.62 0.49 0.00	19.85 0.39 0.00	18.83 0.42 0.00	18.47 0.42 0.00	18.96 0.43 0.00	20.16 0.45 0.00	23.77 0.51 0.00	26.13 0.61 0.00	26.31 0.41 0.00	25.20 0.45 0.00	22.60 0.38 0.00	20.70 0.31 0.00	19.19 0.28 0.00	18.05 0.25 0.00	17.76 0.23 0.00	17.67 0.24 0.00	19.25 0.28 0.00	22.67 0.31 0.00	27.20 0.48 0.00	31.11 0.58 0.00	31.88 0.69 0.00	28.91 0.65 0.00	24.53 0.64 0.00	21.78 0.55 0.00
MILLIKEN___2 23585	21.62 0.49 0.00	19.85 0.39 0.00	18.83 0.42 0.00	18.47 0.42 0.00	18.96 0.43 0.00	20.16 0.45 0.00	23.77 0.51 0.00	26.13 0.61 0.00	26.31 0.41 0.00	25.20 0.45 0.00	22.60 0.38 0.00	20.70 0.31 0.00	19.19 0.28 0.00	18.05 0.25 0.00	17.76 0.23 0.00	17.67 0.24 0.00	19.25 0.28 0.00	22.67 0.31 0.00	27.20 0.48 0.00	31.11 0.58 0.00	31.88 0.69 0.00	28.91 0.65 0.00	24.53 0.64 0.00	21.78 0.55 0.00
MILLIKEN___DIESEL 23629	21.62 0.49 0.00	19.85 0.39 0.00	18.83 0.42 0.00	18.47 0.42 0.00	18.96 0.43 0.00	20.16 0.45 0.00	23.77 0.51 0.00	26.13 0.61 0.00	26.31 0.41 0.00	25.20 0.45 0.00	22.60 0.38 0.00	20.70 0.31 0.00	19.19 0.28 0.00	18.05 0.25 0.00	17.76 0.23 0.00	17.67 0.24 0.00	19.25 0.28 0.00	22.67 0.31 0.00	27.20 0.48 0.00	31.11 0.58 0.00	31.88 0.69 0.00	28.91 0.65 0.00	24.53 0.64 0.00	21.78 0.55 0.00
MILLSEAT___LFGE 323607	20.77 -0.36 0.00	19.02 -0.45 0.00	18.24 -0.17 0.00	17.91 -0.15 0.00	18.33 -0.20 0.00	19.33 -0.38 0.00	22.54 -0.72 0.00	24.70 -0.82 0.00	24.73 -1.16 0.00	23.62 -1.14 0.00	21.38 -0.84 0.00	19.68 -0.71 0.00	18.32 -0.59 0.00	17.20 -0.61 0.00	16.99 -0.54 0.00	16.82 -0.61 0.00	18.30 -0.66 0.00	21.28 -1.07 0.00	25.49 -1.23 0.00	29.13 -1.40 0.00	30.10 -1.09 0.00	27.30 -0.96 0.00	23.57 -0.31 0.00	21.06 -0.17 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	22.65 1.52 0.00	20.83 1.36 0.00	19.62 1.21 0.00	19.25 1.19 0.00	19.72 1.19 0.00	21.01 1.30 0.00	24.82 1.56 0.00	27.22 1.71 0.00	27.84 1.94 0.00	26.56 1.81 0.00	23.95 1.73 0.00	22.03 1.63 0.00	20.44 1.53 0.00	19.28 1.48 0.00	18.99 1.46 0.00	18.91 1.48 0.00	20.54 1.57 0.00	24.14 1.79 0.00	28.80 2.08 0.00	32.85 2.32 0.00	33.44 2.25 0.00	30.18 1.92 0.00	25.46 1.58 0.00	22.63 1.40 0.00
MILLWOOD_13_KV_LOAD 356217	22.69 1.56 0.00	20.86 1.40 0.00	19.68 1.27 0.00	19.28 1.23 0.00	19.76 1.22 0.00	21.03 1.32 0.00	24.87 1.60 0.00	27.25 1.73 0.00	27.89 1.99 0.00	26.61 1.86 0.00	24.00 1.78 0.00	22.07 1.67 0.00	20.48 1.57 0.00	19.32 1.51 0.00	19.02 1.49 0.00	18.95 1.52 0.00	20.60 1.63 0.00	24.17 1.81 0.00	28.85 2.14 0.00	32.91 2.38 0.00	33.53 2.34 0.00	30.23 1.98 0.00	25.51 1.62 0.00	22.67 1.44 0.00
MODEL_CITY_ENERGY 24167	20.28 -0.85 0.00	18.59 -0.88 0.00	17.85 -0.55 0.00	17.53 -0.52 0.00	17.94 -0.59 0.00	18.88 -0.83 0.00	21.96 -1.30 0.00	23.96 -1.56 0.00	23.98 -1.92 0.00	22.90 -1.86 0.00	20.80 -1.42 0.00	19.21 -1.18 0.00	17.89 -1.02 0.00	16.81 -1.00 0.00	16.60 -0.93 0.00	16.47 -0.96 0.00	17.89 -1.08 0.00	20.73 -1.63 0.00	24.77 -1.95 0.00	28.24 -2.29 0.00	29.13 -2.06 0.00	26.45 -1.81 0.00	22.93 -0.96 0.00	20.55 -0.68 0.00
MODERN_LFGE___ 323580	20.28 -0.85 0.00	18.59 -0.88 0.00	17.85 -0.55 0.00	17.53 -0.52 0.00	17.94 -0.59 0.00	18.88 -0.83 0.00	21.96 -1.30 0.00	23.96 -1.56 0.00	23.98 -1.92 0.00	22.90 -1.86 0.00	20.80 -1.42 0.00	19.21 -1.18 0.00	17.89 -1.02 0.00	16.81 -1.00 0.00	16.60 -0.93 0.00	16.47 -0.96 0.00	17.89 -1.08 0.00	20.73 -1.63 0.00	24.77 -1.95 0.00	28.24 -2.29 0.00	29.13 -2.06 0.00	26.45 -1.81 0.00	22.93 -0.96 0.00	20.55 -0.68 0.00
MOHAWK_PAPER___DRP 24187	21.83 0.70 0.00	20.13 0.66 0.00	18.98 0.57 0.00	18.63 0.58 0.00	19.13 0.59 0.00	20.38 0.67 0.00	24.05 0.79 0.00	26.33 0.82 0.00	26.88 0.98 0.00	25.67 0.92 0.00	23.06 0.84 0.00	21.15 0.75 0.00	19.59 0.68 0.00	18.41 0.61 0.00	18.14 0.61 0.00	18.06 0.63 0.00	19.65 0.68 0.00	23.23 0.87 0.00	27.70 0.99 0.00	31.69 1.16 0.00	32.28 1.09 0.00	29.22 0.96 0.00	24.72 0.84 0.00	21.95 0.72 0.00
MOHICAN___35_KV_115KV_LD 80490	21.97 0.85 0.00	20.20 0.74 0.00	19.01 0.61 0.00	18.65 0.60 0.00	19.21 0.67 0.00	20.46 0.75 0.00	24.17 0.91 0.00	26.46 0.94 0.00	27.06 1.17 0.00	25.82 1.06 0.00	23.09 0.87 0.00	21.13 0.73 0.00	19.53 0.62 0.00	18.29 0.48 0.00	18.02 0.49 0.00	17.93 0.51 0.00	19.57 0.61 0.00	23.21 0.85 0.00	27.84 1.12 0.00	31.93 1.40 0.00	32.56 1.37 0.00	29.50 1.24 0.00	24.84 0.96 0.00	22.05 0.83 0.00
MONGAUP___HYD 23641	22.50 1.37 0.00	20.65 1.19 0.00	19.51 1.10 0.00	19.10 1.05 0.00	19.59 1.06 0.00	20.73 1.02 0.00	24.54 1.28 0.00	26.84 1.33 0.00	26.98 1.09 0.00	26.09 1.34 0.00	23.46 1.24 0.00	21.56 1.16 0.00	19.97 1.06 0.00	18.82 1.01 0.00	18.49 0.96 0.00	18.44 1.01 0.00	20.07 1.10 0.00	23.65 1.30 0.00	28.02 1.31 0.00	32.03 1.50 0.00	32.66 1.47 0.00	29.53 1.27 0.00	25.17 1.29 0.00	22.46 1.23 0.00
MONTAUK___DIESEL 23721	27.12 3.13 -2.86	22.31 2.82 -0.02	21.02 2.61 0.00	20.60 2.55 0.00	21.06 2.52 0.00	23.35 2.96 -0.68	26.77 3.49 -0.02	29.16 3.65 0.00	29.79 3.88 -0.01	28.25 3.49 0.00	25.60 3.36 -0.02	23.49 3.08 -0.02	21.59 2.68 0.00	20.23 2.42 0.00	20.00 2.47 0.00	20.06 2.63 0.00	21.89 2.90 -0.02	26.14 3.44 -0.34	30.74 4.01 -0.01	35.18 4.64 -0.01	35.85 4.65 -0.01	32.42 4.15 -0.01	27.23 3.34 0.00	25.04 3.04 -0.78
MOONROAD_115KV_HARTFLD_TB1-2 355988	21.00 -0.13 0.00	19.31 -0.16 0.00	18.66 0.26 0.00	18.29 0.23 0.00	18.80 0.26 0.00	19.91 0.20 0.00	23.14 -0.12 0.00	25.33 -0.18 0.00	24.99 -0.91 0.00	24.14 -0.62 0.00	21.71 -0.51 0.00	19.82 -0.57 0.00	18.40 -0.51 0.00	17.23 -0.57 0.00	16.69 -0.84 0.00	16.73 -0.70 0.00	18.23 -0.74 0.00	21.19 -1.16 0.00	25.51 -1.20 0.00	29.31 -1.22 0.00	30.50 -0.69 0.00	27.83 -0.42 0.00	24.05 0.17 0.00	21.52 0.30 0.00
MORTIMER_115KV_TB3 55949	20.88 -0.25 0.00	19.15 -0.31 0.00	18.26 -0.15 0.00	17.89 -0.16 0.00	18.35 -0.19 0.00	19.41 -0.30 0.00	22.77 -0.49 0.00	24.93 -0.59 0.00	24.86 -1.04 0.00	24.01 -0.74 0.00	21.66 -0.56 0.00	19.95 -0.45 0.00	18.55 -0.36 0.00	17.43 -0.37 0.00	17.06 -0.47 0.00	17.05 -0.38 0.00	18.55 -0.42 0.00	21.73 -0.63 0.00	25.97 -0.75 0.00	29.68 -0.85 0.00	30.57 -0.62 0.00	27.66 -0.59 0.00	23.62 -0.26 0.00	21.10 -0.13 0.00



MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	22.82 1.69 0.00	20.92 1.46 0.00	19.73 1.33 0.00	19.34 1.28 0.00	19.78 1.24 0.00	21.09 1.38 0.00	24.94 1.67 0.00	27.38 1.86 0.00	28.02 2.12 0.00	26.71 1.96 0.00	24.11 1.89 0.00	22.19 1.79 0.00	20.58 1.68 0.01	19.41 1.62 0.01	19.11 1.58 0.00	19.03 1.60 0.00	20.69 1.73 0.00	24.30 1.95 0.00	28.99 2.27 0.00	33.09 2.56 0.00	33.69 2.50 0.00	30.35 2.09 0.00	25.63 1.74 0.00	22.78 1.55 0.00
MUNSVILLE_WIND_PWR 323609	22.84 1.71 0.00	20.92 1.46 0.00	19.88 1.47 0.00	19.50 1.44 0.00	19.99 1.45 0.00	21.29 1.58 0.00	25.17 1.91 0.00	27.73 2.22 0.00	27.99 2.10 0.00	26.71 1.96 0.00	23.77 1.55 0.00	21.56 1.16 0.00	19.93 1.02 0.00	18.71 0.91 0.00	18.35 0.82 0.00	18.16 0.73 0.00	19.86 0.89 0.00	23.63 1.27 0.00	28.56 1.84 0.00	32.82 2.29 0.00	33.78 2.59 0.00	30.74 2.49 0.00	25.94 2.05 0.00	23.05 1.83 0.00
N SALMON___HYD 24042	19.99 -1.14 0.00	18.59 -0.88 0.00	17.65 -0.76 0.00	17.28 -0.78 0.00	17.76 -0.78 0.00	18.78 -0.93 0.00	22.28 -0.98 0.00	24.57 -0.94 0.00	24.86 -1.04 0.00	23.62 -1.14 0.00	20.86 -1.36 0.00	8.42 -1.28 10.69	5.27 -1.23 12.41	5.42 -1.12 11.26	3.48 -1.16 12.89	4.48 -1.08 11.87	7.95 -1.10 9.92	9.54 -1.14 11.68	13.81 -1.28 11.62	29.06 -1.46 0.01	29.88 -1.31 0.00	27.10 -1.16 0.00	22.69 -1.19 0.00	20.19 -1.04 0.00
N.AKRON___115KV_KNAPP 355671	20.79 -0.34 0.00	19.04 -0.43 0.00	18.26 -0.15 0.00	17.93 -0.13 0.00	18.35 -0.19 0.00	19.35 -0.35 0.00	22.56 -0.70 0.00	24.59 -0.92 0.00	24.29 -1.61 0.00	23.62 -1.14 0.00	21.38 -0.84 0.00	19.68 -0.71 0.00	18.34 -0.57 0.00	17.22 -0.59 0.00	16.76 -0.77 0.00	16.82 -0.61 0.00	18.30 -0.66 0.00	21.31 -1.05 0.00	25.49 -1.23 0.00	29.13 -1.40 0.00	30.13 -1.06 0.00	27.30 -0.96 0.00	23.45 -0.43 0.00	21.06 -0.17 0.00
N.BELMOR_69_KV_BK1 55787	25.91 1.92 -2.86	21.19 1.71 -0.02	19.99 1.58 0.00	19.61 1.55 0.00	20.08 1.54 0.00	21.89 1.66 -0.53	25.28 2.00 -0.02	27.71 2.19 0.00	28.36 2.46 0.00	27.03 2.28 0.00	24.37 2.13 -0.02	22.45 2.04 -0.02	20.78 1.87 0.00	19.53 1.73 0.00	19.25 1.72 0.00	19.22 1.80 0.00	20.94 1.95 -0.02	24.89 2.19 -0.34	29.20 2.48 0.00	33.37 2.84 0.00	33.97 2.78 0.00	30.72 2.46 0.00	25.91 2.03 0.00	23.81 1.80 -0.77
N.E_GEN_SANDY PD 24062	22.23 1.10 0.00	20.55 1.09 0.00	19.33 0.92 0.00	18.99 0.94 0.00	19.54 1.00 0.00	20.81 1.10 0.00	24.49 1.23 0.00	26.81 1.30 0.00	27.29 1.40 0.00	26.17 1.41 0.00	23.58 1.36 0.00	21.64 1.24 0.00	20.08 1.17 0.00	18.94 1.14 0.00	18.60 1.07 0.00	18.58 1.15 0.00	20.16 1.20 0.00	23.81 1.45 0.00	28.37 1.66 0.00	32.30 1.77 0.00	32.81 1.62 0.00	29.81 1.55 0.00	25.03 1.15 0.00	22.22 1.00 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	22.59 1.46 0.00	20.77 1.30 0.00	19.60 1.20 0.00	19.21 1.16 0.00	19.69 1.15 0.00	20.99 1.28 0.00	24.77 1.51 0.00	27.15 1.63 0.00	27.73 1.84 0.00	26.49 1.73 0.00	23.86 1.64 0.00	21.96 1.57 0.00	20.38 1.47 0.00	19.21 1.41 0.00	18.92 1.38 0.00	18.82 1.39 0.00	20.46 1.50 0.00	24.06 1.70 0.00	28.69 1.98 0.00	32.73 2.20 0.00	33.31 2.12 0.00	30.09 1.84 0.00	25.39 1.50 0.00	22.54 1.32 0.00
N.QUEENS_27_KV_LOAD 356247	22.76 1.63 0.00	20.85 1.38 0.00	19.64 1.23 0.00	19.25 1.19 0.00	19.69 1.15 0.00	20.95 1.24 0.00	24.84 1.58 0.00	27.32 1.81 0.00	27.99 2.10 0.00	26.69 1.93 0.00	24.09 1.87 0.00	22.25 1.86 0.00	21.21 1.80 -0.51	19.97 1.73 -0.44	19.19 1.65 -0.02	19.17 1.73 -0.02	20.78 1.80 -0.02	24.23 1.88 0.00	28.99 2.27 0.00	33.22 2.69 0.00	33.78 2.59 0.00	30.26 2.01 0.00	25.58 1.70 0.00	22.71 1.49 0.00
N.TROY___115KV_TB1 355778	21.85 0.72 0.00	20.16 0.70 0.00	18.98 0.57 0.00	18.65 0.60 0.00	19.17 0.63 0.00	20.42 0.71 0.00	24.07 0.81 0.00	26.36 0.84 0.00	26.88 0.98 0.00	25.70 0.94 0.00	23.06 0.84 0.00	21.17 0.77 0.00	19.59 0.68 0.00	18.43 0.62 0.00	18.16 0.63 0.00	18.07 0.64 0.00	19.67 0.70 0.00	23.25 0.89 0.00	27.76 1.04 0.00	31.72 1.19 0.00	32.28 1.09 0.00	29.30 1.05 0.00	24.70 0.81 0.00	21.93 0.70 0.00
NARROWS_GT1_1 24228	22.99 1.86 0.00	21.00 1.54 0.00	19.77 1.36 0.00	19.37 1.32 0.00	19.80 1.26 0.00	21.07 1.36 0.00	24.94 1.68 0.00	27.40 1.89 0.00	27.99 2.10 0.00	26.79 2.03 0.00	24.20 1.98 0.00	22.31 1.92 0.00	21.20 1.78 -0.52	19.95 1.69 -0.45	19.18 1.63 -0.02	19.15 1.71 -0.02	20.82 1.84 -0.02	24.37 2.01 0.00	29.15 2.43 0.00	33.31 2.78 0.00	33.94 2.75 0.00	30.43 2.18 0.00	25.75 1.86 0.00	22.90 1.68 0.00
NARROWS_GT1_2 24229	22.99 1.86 0.00	21.00 1.54 0.00	19.77 1.36 0.00	19.37 1.32 0.00	19.80 1.26 0.00	21.07 1.36 0.00	24.94 1.68 0.00	27.40 1.89 0.00	27.99 2.10 0.00	26.79 2.03 0.00	24.20 1.98 0.00	22.31 1.92 0.00	21.20 1.78 -0.52	19.95 1.69 -0.45	19.18 1.63 -0.02	19.15 1.71 -0.02	20.82 1.84 -0.02	24.37 2.01 0.00	29.15 2.43 0.00	33.31 2.78 0.00	33.94 2.75 0.00	30.43 2.18 0.00	25.75 1.86 0.00	22.90 1.68 0.00
NARROWS_GT1_3 24230	22.99 1.86 0.00	21.00 1.54 0.00	19.77 1.36 0.00	19.37 1.32 0.00	19.80 1.26 0.00	21.07 1.36 0.00	24.94 1.68 0.00	27.40 1.89 0.00	27.99 2.10 0.00	26.79 2.03 0.00	24.20 1.98 0.00	22.31 1.92 0.00	21.20 1.78 -0.52	19.95 1.69 -0.45	19.18 1.63 -0.02	19.15 1.71 -0.02	20.82 1.84 -0.02	24.37 2.01 0.00	29.15 2.43 0.00	33.31 2.78 0.00	33.94 2.75 0.00	30.43 2.18 0.00	25.75 1.86 0.00	22.90 1.68 0.00
NARROWS_GT1_4 24231	22.99 1.86 0.00	21.00 1.54 0.00	19.77 1.36 0.00	19.37 1.32 0.00	19.80 1.26 0.00	21.07 1.36 0.00	24.94 1.68 0.00	27.40 1.89 0.00	27.99 2.10 0.00	26.79 2.03 0.00	24.20 1.98 0.00	22.31 1.92 0.00	21.20 1.78 -0.52	19.95 1.69 -0.45	19.18 1.63 -0.02	19.15 1.71 -0.02	20.82 1.84 -0.02	24.37 2.01 0.00	29.15 2.43 0.00	33.31 2.78 0.00	33.94 2.75 0.00	30.43 2.18 0.00	25.75 1.86 0.00	22.90 1.68 0.00
NARROWS_GT1_5 24232	22.99 1.86 0.00	21.00 1.54 0.00	19.77 1.36 0.00	19.37 1.32 0.00	19.80 1.26 0.00	21.07 1.36 0.00	24.94 1.68 0.00	27.40 1.89 0.00	27.99 2.10 0.00	26.79 2.03 0.00	24.20 1.98 0.00	22.31 1.92 0.00	21.20 1.78 -0.52	19.95 1.69 -0.45	19.18 1.63 -0.02	19.15 1.71 -0.02	20.82 1.84 -0.02	24.37 2.01 0.00	29.15 2.43 0.00	33.31 2.78 0.00	33.94 2.75 0.00	30.43 2.18 0.00	25.75 1.86 0.00	22.90 1.68 0.00
NARROWS_GT1_6 24233	22.99 1.86 0.00	21.00 1.54 0.00	19.77 1.36 0.00	19.37 1.32 0.00	19.80 1.26 0.00	21.07 1.36 0.00	24.94 1.68 0.00	27.40 1.89 0.00	27.99 2.10 0.00	26.79 2.03 0.00	24.20 1.98 0.00	22.31 1.92 0.00	21.20 1.78 -0.52	19.95 1.69 -0.45	19.18 1.63 -0.02	19.15 1.71 -0.02	20.82 1.84 -0.02	24.37 2.01 0.00	29.15 2.43 0.00	33.31 2.78 0.00	33.94 2.75 0.00	30.43 2.18 0.00	25.75 1.86 0.00	22.90 1.68 0.00



NARROWS_GT1_7 24234	22.99 1.86 0.00	21.00 1.54 0.00	19.77 1.36 0.00	19.37 1.32 0.00	19.80 1.26 0.00	21.07 1.36 0.00	24.94 1.68 0.00	27.40 1.89 0.00	27.99 2.10 0.00	26.79 2.03 0.00	24.20 1.98 0.00	22.31 1.92 0.00	21.20 1.78 -0.52	19.95 1.69 -0.45	19.18 1.63 -0.02	19.15 1.71 -0.02	20.82 1.84 -0.02	24.37 2.01 0.00	29.15 2.43 0.00	33.31 2.78 0.00	33.94 2.75 0.00	30.43 2.18 0.00	25.75 1.86 0.00	22.90 1.68 0.00
NARROWS_GT1_8 24235	22.99 1.86 0.00	21.00 1.54 0.00	19.77 1.36 0.00	19.37 1.32 0.00	19.80 1.26 0.00	21.07 1.36 0.00	24.94 1.68 0.00	27.40 1.89 0.00	27.99 2.10 0.00	26.79 2.03 0.00	24.20 1.98 0.00	22.31 1.92 0.00	21.20 1.78 -0.52	19.95 1.69 -0.45	19.18 1.63 -0.02	19.15 1.71 -0.02	20.82 1.84 -0.02	24.37 2.01 0.00	29.15 2.43 0.00	33.31 2.78 0.00	33.94 2.75 0.00	30.43 2.18 0.00	25.75 1.86 0.00	22.90 1.68 0.00
NARROWS_GT2_1 24236	22.99 1.86 0.00	21.00 1.54 0.00	19.77 1.36 0.00	19.37 1.32 0.00	19.80 1.26 0.00	21.07 1.36 0.00	24.94 1.68 0.00	27.40 1.89 0.00	27.99 2.10 0.00	26.79 2.03 0.00	24.20 1.98 0.00	22.31 1.92 0.00	21.20 1.78 -0.52	19.95 1.69 -0.45	19.18 1.63 -0.02	19.15 1.71 -0.02	20.82 1.84 -0.02	24.37 2.01 0.00	29.15 2.43 0.00	33.31 2.78 0.00	33.94 2.75 0.00	30.43 2.18 0.00	25.75 1.86 0.00	22.90 1.68 0.00
NARROWS_GT2_2 24237	22.99 1.86 0.00	21.00 1.54 0.00	19.77 1.36 0.00	19.37 1.32 0.00	19.80 1.26 0.00	21.07 1.36 0.00	24.94 1.68 0.00	27.40 1.89 0.00	27.99 2.10 0.00	26.79 2.03 0.00	24.20 1.98 0.00	22.31 1.92 0.00	21.20 1.78 -0.52	19.95 1.69 -0.45	19.18 1.63 -0.02	19.15 1.71 -0.02	20.82 1.84 -0.02	24.37 2.01 0.00	29.15 2.43 0.00	33.31 2.78 0.00	33.94 2.75 0.00	30.43 2.18 0.00	25.75 1.86 0.00	22.90 1.68 0.00
NARROWS_GT2_3 24238	22.99 1.86 0.00	21.00 1.54 0.00	19.77 1.36 0.00	19.37 1.32 0.00	19.80 1.26 0.00	21.07 1.36 0.00	24.94 1.68 0.00	27.40 1.89 0.00	27.99 2.10 0.00	26.79 2.03 0.00	24.20 1.98 0.00	22.31 1.92 0.00	21.20 1.78 -0.52	19.95 1.69 -0.45	19.18 1.63 -0.02	19.15 1.71 -0.02	20.82 1.84 -0.02	24.37 2.01 0.00	29.15 2.43 0.00	33.31 2.78 0.00	33.94 2.75 0.00	30.43 2.18 0.00	25.75 1.86 0.00	22.90 1.68 0.00
NARROWS_GT2_4 24239	22.99 1.86 0.00	21.00 1.54 0.00	19.77 1.36 0.00	19.37 1.32 0.00	19.80 1.26 0.00	21.07 1.36 0.00	24.94 1.68 0.00	27.40 1.89 0.00	27.99 2.10 0.00	26.79 2.03 0.00	24.20 1.98 0.00	22.31 1.92 0.00	21.20 1.78 -0.52	19.95 1.69 -0.45	19.18 1.63 -0.02	19.15 1.71 -0.02	20.82 1.84 -0.02	24.37 2.01 0.00	29.15 2.43 0.00	33.31 2.78 0.00	33.94 2.75 0.00	30.43 2.18 0.00	25.75 1.86 0.00	22.90 1.68 0.00
NARROWS_GT2_5 24240	22.99 1.86 0.00	21.00 1.54 0.00	19.77 1.36 0.00	19.37 1.32 0.00	19.80 1.26 0.00	21.07 1.36 0.00	24.94 1.68 0.00	27.40 1.89 0.00	27.99 2.10 0.00	26.79 2.03 0.00	24.20 1.98 0.00	22.31 1.92 0.00	21.20 1.78 -0.52	19.95 1.69 -0.45	19.18 1.63 -0.02	19.15 1.71 -0.02	20.82 1.84 -0.02	24.37 2.01 0.00	29.15 2.43 0.00	33.31 2.78 0.00	33.94 2.75 0.00	30.43 2.18 0.00	25.75 1.86 0.00	22.90 1.68 0.00
NARROWS_GT2_6 24241	22.99 1.86 0.00	21.00 1.54 0.00	19.77 1.36 0.00	19.37 1.32 0.00	19.80 1.26 0.00	21.07 1.36 0.00	24.94 1.68 0.00	27.40 1.89 0.00	27.99 2.10 0.00	26.79 2.03 0.00	24.20 1.98 0.00	22.31 1.92 0.00	21.20 1.78 -0.52	19.95 1.69 -0.45	19.18 1.63 -0.02	19.15 1.71 -0.02	20.82 1.84 -0.02	24.37 2.01 0.00	29.15 2.43 0.00	33.31 2.78 0.00	33.94 2.75 0.00	30.43 2.18 0.00	25.75 1.86 0.00	22.90 1.68 0.00
NARROWS_GT2_7 24242	22.99 1.86 0.00	21.00 1.54 0.00	19.77 1.36 0.00	19.37 1.32 0.00	19.80 1.26 0.00	21.07 1.36 0.00	24.94 1.68 0.00	27.40 1.89 0.00	27.99 2.10 0.00	26.79 2.03 0.00	24.20 1.98 0.00	22.31 1.92 0.00	21.20 1.78 -0.52	19.95 1.69 -0.45	19.18 1.63 -0.02	19.15 1.71 -0.02	20.82 1.84 -0.02	24.37 2.01 0.00	29.15 2.43 0.00	33.31 2.78 0.00	33.94 2.75 0.00	30.43 2.18 0.00	25.75 1.86 0.00	22.90 1.68 0.00
NARROWS_GT2_8 24243	22.99 1.86 0.00	21.00 1.54 0.00	19.77 1.36 0.00	19.37 1.32 0.00	19.80 1.26 0.00	21.07 1.36 0.00	24.94 1.68 0.00	27.40 1.89 0.00	27.99 2.10 0.00	26.79 2.03 0.00	24.20 1.98 0.00	22.31 1.92 0.00	21.20 1.78 -0.52	19.95 1.69 -0.45	19.18 1.63 -0.02	19.15 1.71 -0.02	20.82 1.84 -0.02	24.37 2.01 0.00	29.15 2.43 0.00	33.31 2.78 0.00	33.94 2.75 0.00	30.43 2.18 0.00	25.75 1.86 0.00	22.90 1.68 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	21.93 0.80 0.00	20.22 0.76 0.00	19.09 0.68 0.00	18.72 0.67 0.00	19.22 0.69 0.00	20.44 0.73 0.00	24.21 0.95 0.00	26.43 0.92 0.00	26.90 1.01 0.00	25.65 0.89 0.00	22.93 0.71 0.00	20.99 0.59 0.00	19.36 0.45 0.00	18.20 0.39 0.00	17.95 0.42 0.00	17.85 0.42 0.00	19.50 0.53 0.00	23.16 0.80 0.00	27.68 0.96 0.00	31.75 1.22 0.00	32.38 1.19 0.00	29.39 1.13 0.00	24.93 1.05 0.00	22.10 0.87 0.00
NCHELSEA_115KV_TR2 355582	22.80 1.67 0.00	20.94 1.48 0.00	19.77 1.36 0.00	19.37 1.32 0.00	19.85 1.32 0.00	21.13 1.42 0.00	25.01 1.74 0.00	27.35 1.84 0.00	27.91 2.02 0.00	26.69 1.93 0.00	24.00 1.78 0.00	22.05 1.65 0.00	20.42 1.51 0.00	19.26 1.46 0.00	18.97 1.44 0.00	18.88 1.45 0.00	20.54 1.57 0.00	24.17 1.81 0.00	28.88 2.16 0.00	33.00 2.47 0.00	33.62 2.43 0.00	30.40 2.15 0.00	25.65 1.77 0.00	22.75 1.53 0.00
NEG CAPITAL___MECHNVIL 23645	22.04 0.91 0.00	20.28 0.82 0.00	19.11 0.70 0.00	18.76 0.70 0.00	19.30 0.76 0.00	20.54 0.83 0.00	24.24 0.98 0.00	26.53 1.02 0.00	27.06 1.17 0.00	25.87 1.12 0.00	23.20 0.98 0.00	21.27 0.88 0.00	19.68 0.78 0.00	18.46 0.66 0.00	18.16 0.63 0.00	18.11 0.68 0.00	19.73 0.76 0.00	23.36 1.01 0.00	27.94 1.23 0.00	32.00 1.47 0.00	32.60 1.40 0.00	29.56 1.30 0.00	24.91 1.03 0.00	22.12 0.89 0.00
NEG CENTRAL_HIGH_ACRES 23767	20.54 -0.59 0.00	18.84 -0.62 0.00	17.93 -0.48 0.00	17.59 -0.47 0.00	18.04 -0.50 0.00	19.10 -0.61 0.00	22.45 -0.81 0.00	24.67 -0.84 0.00	24.83 -1.06 0.00	23.74 -1.02 0.00	21.38 -0.84 0.00	19.64 -0.75 0.00	18.24 -0.66 0.00	17.16 -0.64 0.00	16.93 -0.60 0.00	16.78 -0.64 0.00	18.27 -0.70 0.00	21.44 -0.92 0.00	25.65 -1.07 0.00	29.34 -1.19 0.00	30.16 -1.03 0.00	27.33 -0.93 0.00	23.33 -0.55 0.00	20.74 -0.49 0.00
NEG CENTRAL___DRP 24199	21.26 0.13 0.00	19.52 0.06 0.00	18.55 0.15 0.00	18.18 0.13 0.00	18.69 0.15 0.00	19.85 0.14 0.00	23.35 0.09 0.00	25.67 0.15 0.00	25.77 -0.13 0.00	24.73 -0.02 0.00	22.22 0.00 0.00	20.35 -0.04 0.00	18.89 -0.02 0.00	17.77 -0.04 0.00	17.44 -0.09 0.00	17.38 -0.05 0.00	18.93 -0.04 0.00	22.24 -0.11 0.00	26.69 -0.03 0.00	30.53 0.00 0.00	31.32 0.12 0.00	28.37 0.11 0.00	24.12 0.24 0.00	21.44 0.21 0.00



NEG CENTRAL___INDECK 23768	21.55 0.42 0.00	19.72 0.25 0.00	18.83 0.42 0.00	18.47 0.42 0.00	18.96 0.43 0.00	20.08 0.37 0.00	23.56 0.30 0.00	25.90 0.38 0.00	25.87 -0.03 0.00	24.61 -0.15 0.00	22.07 -0.15 0.00	20.23 -0.16 0.00	18.78 -0.13 0.00	17.63 -0.18 0.00	17.39 -0.14 0.00	17.20 -0.23 0.00	18.76 -0.21 0.00	22.04 -0.31 0.00	26.56 -0.16 0.00	30.53 0.00 0.00	31.59 0.40 0.00	28.62 0.37 0.00	24.55 0.67 0.00	21.82 0.59 0.00
NEG CENTRAL___SENECA 23627	21.36 0.23 0.00	19.58 0.12 0.00	18.65 0.24 0.00	18.29 0.23 0.00	18.78 0.24 0.00	19.95 0.24 0.00	23.45 0.19 0.00	25.77 0.26 0.00	25.77 -0.13 0.00	24.76 0.00 0.00	22.24 0.02 0.00	20.37 -0.02 0.00	18.93 0.02 0.00	17.79 -0.02 0.00	17.44 -0.09 0.00	17.38 -0.05 0.00	18.95 -0.02 0.00	22.24 -0.11 0.00	26.69 -0.03 0.00	30.56 0.03 0.00	31.38 0.19 0.00	28.43 0.17 0.00	24.22 0.33 0.00	21.54 0.32 0.00
NEG CENTRAL___STATE_STREET 24147	21.26 0.13 0.00	19.52 0.06 0.00	18.52 0.11 0.00	18.16 0.11 0.00	18.65 0.11 0.00	19.83 0.12 0.00	23.38 0.12 0.00	25.72 0.20 0.00	25.92 0.03 0.00	24.86 0.10 0.00	22.31 0.09 0.00	20.43 0.04 0.00	18.96 0.06 0.00	17.86 0.05 0.00	17.57 0.04 0.00	17.46 0.03 0.00	19.04 0.08 0.00	22.40 0.04 0.00	26.85 0.13 0.00	30.68 0.15 0.00	31.44 0.25 0.00	28.48 0.23 0.00	24.15 0.26 0.00	21.44 0.21 0.00
NEG MILLWOOD___DRP 24198	22.80 1.67 0.00	20.98 1.52 0.00	19.80 1.40 0.00	19.39 1.34 0.00	19.87 1.33 0.00	21.11 1.40 0.00	25.01 1.74 0.00	27.38 1.86 0.00	28.02 2.12 0.00	26.79 2.03 0.00	24.09 1.87 0.00	22.13 1.73 0.00	20.48 1.57 0.00	19.37 1.57 0.00	19.07 1.54 0.00	19.00 1.57 0.00	20.65 1.69 0.00	24.26 1.90 0.00	28.99 2.27 0.00	33.03 2.50 0.00	33.72 2.53 0.00	30.46 2.20 0.00	25.65 1.77 0.00	22.80 1.57 0.00
NEG NORTH_FLCN_SEA 23793	19.90 -1.23 0.00	18.65 -0.82 0.00	17.76 -0.64 0.00	17.39 -0.67 0.00	17.83 -0.70 0.00	18.82 -0.89 0.00	22.31 -0.95 0.00	24.65 -0.87 0.00	24.94 -0.96 0.00	23.54 -1.21 0.00	20.62 -1.60 0.00	7.45 -1.57 11.37	4.24 -1.47 13.20	4.47 -1.35 11.98	2.45 -1.37 13.71	3.51 -1.29 12.63	7.14 -1.27 10.55	8.68 -1.25 12.42	13.01 -1.34 12.36	29.03 -1.50 0.01	29.88 -1.31 0.00	27.13 -1.13 0.00	22.59 -1.29 0.00	20.06 -1.17 0.00
NEG NORTH_KES_CHATEGAY 23792	19.99 -1.14 0.00	18.63 -0.84 0.00	17.69 -0.72 0.00	17.31 -0.74 0.00	17.76 -0.78 0.00	18.78 -0.93 0.00	22.24 -1.02 0.00	24.54 -0.97 0.00	24.86 -1.04 0.00	23.54 -1.21 0.00	20.78 -1.44 0.00	7.78 -1.41 11.20	4.58 -1.32 13.00	4.79 -1.21 11.80	2.81 -1.21 13.51	3.84 -1.15 12.44	7.41 -1.16 10.40	8.93 -1.18 12.24	13.22 -1.31 12.18	29.06 -1.47 0.01	29.85 -1.34 0.00	27.07 -1.19 0.00	22.64 -1.24 0.00	20.12 -1.10 0.00
NEG NORTH___ALICE_FALLS 23915	19.95 -1.18 0.00	18.69 -0.78 0.00	17.78 -0.63 0.00	17.41 -0.65 0.00	17.85 -0.69 0.00	18.84 -0.87 0.00	22.35 -0.91 0.00	24.72 -0.79 0.00	24.99 -0.91 0.00	23.62 -1.14 0.00	20.71 -1.51 0.00	7.58 -1.47 11.34	4.34 -1.40 13.17	4.57 -1.28 11.95	2.55 -1.30 13.68	3.61 -1.22 12.60	7.23 -1.21 10.53	8.80 -1.16 12.40	13.12 -1.26 12.34	29.09 -1.43 0.01	29.94 -1.25 0.00	27.18 -1.07 0.00	22.67 -1.22 0.00	20.14 -1.08 0.00
NEG NORTH___LWR_SARANAC 23913	19.95 -1.18 0.00	18.69 -0.78 0.00	17.78 -0.63 0.00	17.41 -0.65 0.00	17.85 -0.69 0.00	18.84 -0.87 0.00	22.35 -0.91 0.00	24.72 -0.79 0.00	24.99 -0.91 0.00	23.62 -1.14 0.00	20.71 -1.51 0.00	7.58 -1.47 11.34	4.34 -1.40 13.17	4.57 -1.28 11.95	2.55 -1.30 13.68	3.61 -1.22 12.60	7.23 -1.21 10.53	8.80 -1.16 12.40	13.12 -1.26 12.34	29.09 -1.43 0.01	29.94 -1.25 0.00	27.18 -1.07 0.00	22.67 -1.22 0.00	20.14 -1.08 0.00
NEG NORTH___PLATTSBURG 23628	19.95 -1.18 0.00	18.68 -0.78 0.00	17.78 -0.63 0.00	17.41 -0.65 0.00	17.85 -0.69 0.00	18.84 -0.87 0.00	22.35 -0.91 0.00	24.72 -0.79 0.00	24.96 -0.93 0.00	23.62 -1.14 0.00	20.71 -1.51 0.00	7.58 -1.47 11.34	4.34 -1.40 13.17	4.57 -1.28 11.95	2.54 -1.32 13.68	3.61 -1.22 12.60	7.23 -1.21 10.53	8.80 -1.16 12.40	13.12 -1.26 12.34	29.09 -1.43 0.01	29.94 -1.25 0.00	27.18 -1.07 0.00	22.67 -1.22 0.00	20.14 -1.08 0.00
NEG WEST_LEA_LOCKPORT 23791	20.50 -0.63 0.00	18.78 -0.68 0.00	18.06 -0.35 0.00	17.71 -0.34 0.00	18.13 -0.41 0.00	19.10 -0.61 0.00	22.21 -1.05 0.00	24.16 -1.35 0.00	23.82 -2.07 0.00	23.17 -1.58 0.00	21.04 -1.18 0.00	19.42 -0.98 0.00	18.09 -0.81 0.00	17.00 -0.80 0.00	16.53 -1.00 0.00	16.63 -0.80 0.00	18.08 -0.89 0.00	20.95 -1.41 0.00	25.06 -1.66 0.00	28.55 -1.98 0.00	29.54 -1.65 0.00	26.76 -1.50 0.00	23.07 -0.81 0.00	20.78 -0.45 0.00
NEG WEST___LANCASTR 23811	20.94 -0.19 0.00	19.21 -0.25 0.00	18.48 0.07 0.00	18.09 0.04 0.00	18.59 0.06 0.00	19.65 -0.06 0.00	22.84 -0.42 0.00	24.88 -0.64 0.00	25.65 -1.24 0.00	23.87 -0.89 0.00	21.64 -0.58 0.00	19.90 -0.49 0.00	18.55 -0.36 0.00	17.41 -0.39 0.00	16.95 -0.58 0.00	16.99 -0.44 0.00	18.47 -0.49 0.00	21.42 -0.94 0.00	25.67 -1.04 0.00	29.25 -1.28 0.00	30.19 -1.00 0.00	27.41 -0.85 0.00	23.60 -0.29 0.00	21.16 -0.06 0.00
NEG_PENN_ALLEGHNY 23528	21.49 0.36 0.00	19.74 0.27 0.00	18.75 0.35 0.00	18.38 0.33 0.00	18.87 0.33 0.00	20.06 0.36 0.00	23.59 0.33 0.00	25.90 0.38 0.00	26.15 0.26 0.00	25.00 0.25 0.00	22.51 0.29 0.00	20.64 0.25 0.00	19.17 0.26 0.00	18.04 0.23 0.00	17.78 0.25 0.00	17.64 0.21 0.00	19.20 0.23 0.00	22.56 0.20 0.00	27.01 0.29 0.00	30.84 0.31 0.00	31.57 0.38 0.00	28.62 0.37 0.00	24.34 0.45 0.00	21.61 0.38 0.00
NEG___GEN_MONROE 24207	20.81 -0.32 0.00	19.07 -0.39 0.00	18.24 -0.17 0.00	17.91 -0.14 0.00	18.37 -0.17 0.00	19.43 -0.28 0.00	22.75 -0.51 0.00	24.85 -0.66 0.00	24.70 -1.19 0.00	23.89 -0.87 0.00	21.55 -0.67 0.00	19.82 -0.57 0.00	18.43 -0.47 0.00	17.34 -0.46 0.00	16.95 -0.58 0.00	16.96 -0.47 0.00	18.44 -0.53 0.00	21.53 -0.83 0.00	25.75 -0.96 0.00	29.52 -1.01 0.00	30.41 -0.78 0.00	27.55 -0.71 0.00	23.52 -0.36 0.00	21.10 -0.13 0.00
NEPA___ENERGY 23901	21.04 -0.08 0.00	19.33 -0.14 0.00	18.59 0.18 0.00	18.22 0.16 0.00	18.71 0.17 0.00	19.79 0.08 0.00	23.03 -0.23 0.00	25.16 -0.36 0.00	24.91 -0.98 0.00	24.11 -0.64 0.00	21.82 -0.40 0.00	20.07 -0.33 0.00	18.68 -0.23 0.00	17.56 -0.25 0.00	17.09 -0.44 0.00	17.12 -0.31 0.00	18.61 -0.36 0.00	21.62 -0.74 0.00	25.91 -0.80 0.00	29.49 -1.04 0.00	30.47 -0.72 0.00	27.69 -0.57 0.00	23.81 -0.07 0.00	21.29 0.06 0.00
NEVERSINK___HYD 23608	22.97 1.84 0.00	21.04 1.58 0.00	19.92 1.51 0.00	19.48 1.43 0.00	19.97 1.43 0.00	21.25 1.54 0.00	25.17 1.91 0.00	27.53 2.02 0.00	27.94 2.05 0.00	26.79 2.03 0.00	24.02 1.80 0.00	22.09 1.69 0.00	20.44 1.53 0.00	19.28 1.48 0.00	18.95 1.42 0.00	18.86 1.43 0.00	20.56 1.59 0.00	24.21 1.85 0.00	29.01 2.30 0.00	33.22 2.69 0.00	33.90 2.71 0.00	30.69 2.43 0.00	25.89 2.01 0.00	22.93 1.70 0.00



NEWKRMKL_115KV_TB1 55635	21.57 0.44 0.00	19.93 0.47 0.00	18.81 0.40 0.00	18.47 0.42 0.00	18.95 0.41 0.00	20.16 0.45 0.00	23.82 0.56 0.00	26.10 0.59 0.00	26.65 0.75 0.00	25.43 0.67 0.00	22.86 0.64 0.00	20.97 0.57 0.00	19.42 0.51 0.00	18.25 0.45 0.00	17.99 0.46 0.00	17.88 0.45 0.00	19.48 0.51 0.00	23.03 0.67 0.00	27.41 0.69 0.00	31.35 0.82 0.00	31.91 0.72 0.00	28.88 0.62 0.00	24.50 0.62 0.00	21.78 0.55 0.00
NEWTON___FALLS_HYD 23847	20.03 -1.10 0.00	18.45 -1.01 0.00	17.47 -0.94 0.00	17.12 -0.94 0.00	17.59 -0.95 0.00	18.70 -1.01 0.00	22.14 -1.12 0.00	24.21 -1.30 0.00	24.47 -1.42 0.00	23.32 -1.44 0.00	20.73 -1.49 0.00	12.90 -1.41 6.08	10.50 -1.34 7.06	10.13 -1.26 6.41	8.93 -1.26 7.34	9.40 -1.27 6.76	11.97 -1.35 5.65	14.26 -1.45 6.65	18.55 -1.55 6.62	28.91 -1.62 0.00	29.85 -1.34 0.00	27.07 -1.19 0.00	22.76 -1.12 0.00	20.21 -1.02 0.00
NGRID_A1_DSASP 323792	20.09 -1.03 0.00	18.43 -1.03 0.00	17.76 -0.64 0.00	17.33 -0.72 0.00	17.78 -0.76 0.00	18.70 -1.00 0.00	21.75 -1.51 0.00	23.68 -1.84 0.00	23.72 -2.18 0.00	22.65 -2.10 0.00	20.60 -1.62 0.00	19.05 -1.35 0.00	17.75 -1.15 0.00	16.68 -1.12 0.00	16.48 -1.05 0.00	16.35 -1.08 0.00	17.75 -1.21 0.00	20.55 -1.81 0.00	24.55 -2.16 0.00	27.93 -2.60 0.00	28.82 -2.37 0.00	26.17 -2.09 0.00	22.71 -1.17 0.00	20.36 -0.87 0.00
NGRID_A2_DSASP 323793	20.09 -1.03 0.00	18.43 -1.03 0.00	17.76 -0.64 0.00	17.33 -0.72 0.00	17.78 -0.76 0.00	18.70 -1.00 0.00	21.75 -1.51 0.00	23.68 -1.84 0.00	23.72 -2.18 0.00	22.65 -2.10 0.00	20.60 -1.62 0.00	19.05 -1.35 0.00	17.75 -1.15 0.00	16.68 -1.12 0.00	16.48 -1.05 0.00	16.35 -1.08 0.00	17.75 -1.21 0.00	20.55 -1.81 0.00	24.55 -2.16 0.00	27.93 -2.60 0.00	28.82 -2.37 0.00	26.17 -2.09 0.00	22.71 -1.17 0.00	20.36 -0.87 0.00
NGRID_A4_DSASP 323807	20.09 -1.03 0.00	18.43 -1.03 0.00	17.76 -0.64 0.00	17.33 -0.72 0.00	17.78 -0.76 0.00	18.70 -1.00 0.00	21.75 -1.51 0.00	23.68 -1.84 0.00	23.72 -2.18 0.00	22.65 -2.10 0.00	20.60 -1.62 0.00	19.05 -1.35 0.00	17.75 -1.15 0.00	16.68 -1.12 0.00	16.48 -1.05 0.00	16.35 -1.08 0.00	17.75 -1.21 0.00	20.55 -1.81 0.00	24.55 -2.16 0.00	27.93 -2.60 0.00	28.82 -2.37 0.00	26.17 -2.09 0.00	22.71 -1.17 0.00	20.36 -0.87 0.00
NIAGARA_115E_LBMP 323715	20.16 -0.97 0.00	18.49 -0.97 0.00	17.76 -0.64 0.00	17.44 -0.61 0.00	17.83 -0.70 0.00	18.78 -0.93 0.00	21.82 -1.44 0.00	23.78 -1.74 0.00	23.82 -2.07 0.00	22.75 -2.00 0.00	20.66 -1.56 0.00	19.09 -1.31 0.00	17.79 -1.12 0.00	16.72 -1.09 0.00	16.51 -1.02 0.00	16.37 -1.06 0.00	17.79 -1.18 0.00	20.61 -1.74 0.00	24.63 -2.08 0.00	28.03 -2.50 0.00	28.94 -2.25 0.00	26.28 -1.98 0.00	22.78 -1.10 0.00	20.42 -0.81 0.00
NIAGARA_115W_LBMP 323714	20.05 -1.08 0.00	18.37 -1.09 0.00	17.73 -0.68 0.00	17.30 -0.76 0.00	17.72 -0.82 0.00	18.66 -1.05 0.00	21.70 -1.56 0.00	23.63 -1.89 0.00	23.67 -2.23 0.00	22.60 -2.15 0.00	20.55 -1.67 0.00	18.99 -1.41 0.00	17.70 -1.21 0.00	16.65 -1.16 0.00	16.44 -1.09 0.00	16.31 -1.12 0.00	17.71 -1.25 0.00	20.50 -1.86 0.00	24.50 -2.22 0.00	27.87 -2.66 0.00	28.76 -2.43 0.00	26.11 -2.15 0.00	22.64 -1.24 0.00	20.31 -0.91 0.00
NIAGARA_230_LBMP 323716	20.37 -0.76 0.00	18.66 -0.80 0.00	17.93 -0.48 0.00	17.57 -0.49 0.00	18.00 -0.54 0.00	18.96 -0.75 0.00	22.08 -1.19 0.00	24.03 -1.48 0.00	24.08 -1.81 0.00	23.00 -1.76 0.00	20.89 -1.33 0.00	19.29 -1.10 0.00	18.00 -0.91 0.00	16.90 -0.91 0.00	16.71 -0.82 0.00	16.58 -0.85 0.00	18.00 -0.97 0.00	20.86 -1.50 0.00	24.93 -1.79 0.00	28.36 -2.17 0.00	29.26 -1.93 0.00	26.53 -1.72 0.00	23.00 -0.88 0.00	20.61 -0.62 0.00
NIAGARA___115KV_198_GIBSON 55903	20.05 -1.08 0.00	18.37 -1.09 0.00	17.72 -0.68 0.00	17.30 -0.76 0.00	17.72 -0.82 0.00	18.66 -1.04 0.00	21.70 -1.56 0.00	23.55 -1.96 0.00	23.20 -2.69 0.00	22.60 -2.15 0.00	20.55 -1.67 0.00	18.99 -1.41 0.00	17.70 -1.21 0.00	16.65 -1.16 0.00	16.18 -1.35 0.00	16.30 -1.13 0.00	17.71 -1.25 0.00	20.50 -1.86 0.00	24.50 -2.22 0.00	27.87 -2.66 0.00	28.79 -2.40 0.00	26.11 -2.15 0.00	22.52 -1.36 0.00	20.31 -0.91 0.00
NIAGARA____ 23760	20.37 -0.76 0.00	18.66 -0.80 0.00	17.93 -0.48 0.00	17.57 -0.49 0.00	18.00 -0.54 0.00	18.96 -0.75 0.00	22.08 -1.19 0.00	24.03 -1.48 0.00	24.08 -1.81 0.00	23.00 -1.76 0.00	20.89 -1.33 0.00	19.29 -1.10 0.00	18.00 -0.91 0.00	16.90 -0.91 0.00	16.71 -0.82 0.00	16.58 -0.85 0.00	18.00 -0.97 0.00	20.86 -1.50 0.00	24.93 -1.79 0.00	28.36 -2.17 0.00	29.26 -1.93 0.00	26.53 -1.72 0.00	23.00 -0.88 0.00	20.61 -0.62 0.00
NINE_MILE_1 23575	20.68 -0.44 0.00	19.02 -0.45 0.00	18.02 -0.39 0.00	17.68 -0.38 0.00	18.15 -0.39 0.00	19.28 -0.43 0.00	22.73 -0.53 0.00	24.93 -0.59 0.00	25.25 -0.65 0.00	24.14 -0.62 0.00	21.69 -0.53 0.00	19.90 -0.49 0.00	18.47 -0.43 0.00	17.38 -0.43 0.00	17.13 -0.40 0.00	17.01 -0.42 0.00	18.51 -0.46 0.00	21.80 -0.56 0.00	26.07 -0.64 0.00	29.80 -0.73 0.00	30.47 -0.72 0.00	27.64 -0.62 0.00	23.41 -0.48 0.00	20.80 -0.42 0.00
NINE_MILE_2 23744	20.68 -0.44 0.00	19.02 -0.45 0.00	18.02 -0.39 0.00	17.68 -0.38 0.00	18.15 -0.39 0.00	19.28 -0.43 0.00	22.73 -0.53 0.00	24.93 -0.59 0.00	25.25 -0.65 0.00	24.16 -0.59 0.00	21.71 -0.51 0.00	19.90 -0.49 0.00	18.47 -0.43 0.00	17.38 -0.43 0.00	17.13 -0.40 0.00	17.01 -0.42 0.00	18.51 -0.46 0.00	21.80 -0.56 0.00	26.07 -0.64 0.00	29.80 -0.73 0.00	30.50 -0.69 0.00	27.64 -0.62 0.00	23.41 -0.48 0.00	20.80 -0.42 0.00
NM_CAPITAL___DRP 24208	21.57 0.44 0.00	19.93 0.47 0.00	18.81 0.40 0.00	18.47 0.42 0.00	18.95 0.41 0.00	20.16 0.45 0.00	23.82 0.56 0.00	26.10 0.59 0.00	26.62 0.73 0.00	25.43 0.67 0.00	22.86 0.64 0.00	20.97 0.57 0.00	19.42 0.51 0.00	18.27 0.46 0.00	18.00 0.47 0.00	17.90 0.47 0.00	19.48 0.51 0.00	23.03 0.67 0.00	27.41 0.69 0.00	31.35 0.82 0.00	31.91 0.72 0.00	28.88 0.62 0.00	24.48 0.60 0.00	21.76 0.53 0.00
NM_CENTRAL___DRP 24181	21.15 0.02 0.00	19.42 -0.04 0.00	18.41 0.00 0.00	18.06 0.00 0.00	18.54 0.00 0.00	19.69 -0.02 0.00	23.21 -0.05 0.00	25.49 -0.03 0.00	25.74 -0.16 0.00	24.66 -0.10 0.00	22.18 -0.04 0.00	20.33 -0.06 0.00	18.87 -0.04 0.00	17.75 -0.05 0.00	17.46 -0.07 0.00	17.36 -0.07 0.00	18.91 -0.06 0.00	22.27 -0.09 0.00	26.64 -0.08 0.00	30.47 -0.06 0.00	31.19 0.00 0.00	28.26 0.00 0.00	23.95 0.07 0.00	21.29 0.06 0.00
NM_FRONTIER___DRP 24179	20.05 -1.08 0.00	18.37 -1.09 0.00	17.72 -0.68 0.00	17.30 -0.76 0.00	17.72 -0.82 0.00	18.66 -1.04 0.00	21.70 -1.56 0.00	23.55 -1.96 0.00	23.20 -2.69 0.00	22.60 -2.15 0.00	20.55 -1.67 0.00	18.99 -1.41 0.00	17.70 -1.21 0.00	16.65 -1.16 0.00	16.18 -1.35 0.00	16.30 -1.13 0.00	17.71 -1.25 0.00	20.50 -1.86 0.00	24.50 -2.22 0.00	27.87 -2.66 0.00	28.79 -2.40 0.00	26.11 -2.15 0.00	22.52 -1.36 0.00	20.31 -0.91 0.00



NM_ST_REGIS___HYD 24053	19.69 -1.44 0.00	18.26 -1.21 0.00	17.28 -1.12 0.00	16.92 -1.14 0.00	17.41 -1.13 0.00	18.45 -1.26 0.00	21.91 -1.35 0.00	24.06 -1.45 0.00	24.39 -1.50 0.00	23.20 -1.56 0.00	20.60 -1.62 0.00	9.40 -1.51 9.48	6.47 -1.44 11.01	6.48 -1.34 9.99	4.76 -1.33 11.43	5.57 -1.32 10.53	8.78 -1.38 8.80	10.47 -1.52 10.36	14.67 -1.74 10.31	28.57 -1.95 0.01	29.35 -1.84 0.00	26.62 -1.64 0.00	22.35 -1.53 0.00	19.87 -1.36 0.00
NORTHPORT___1 23551	26.00 2.01 -2.86	21.29 1.81 -0.02	20.09 1.67 -0.01	19.69 1.63 -0.01	20.16 1.61 -0.01	22.16 1.77 -0.67	25.45 2.16 -0.02	27.76 2.25 0.00	28.03 2.12 -0.02	27.11 2.35 0.00	24.46 2.22 -0.02	22.54 2.12 -0.02	20.82 1.91 0.00	19.53 1.73 0.00	19.25 1.72 0.00	19.28 1.85 0.00	21.02 2.03 -0.02	24.98 2.28 -0.34	26.87 2.41 2.25	26.85 2.78 6.46	26.84 2.75 7.09	26.59 2.43 4.10	25.75 1.86 0.00	23.89 1.89 -0.78
NORTHPORT___2 23552	26.00 2.01 -2.86	21.29 1.81 -0.02	20.09 1.67 -0.01	19.69 1.63 -0.01	20.16 1.61 -0.01	22.16 1.77 -0.67	25.45 2.16 -0.02	27.76 2.25 0.00	28.03 2.12 -0.02	27.11 2.35 0.00	24.46 2.22 -0.02	22.54 2.12 -0.02	20.82 1.91 0.00	19.53 1.73 0.00	19.25 1.72 0.00	19.28 1.85 0.00	21.02 2.03 -0.02	24.98 2.28 -0.34	26.87 2.41 2.25	26.85 2.78 6.46	26.84 2.75 7.09	26.59 2.43 4.10	25.75 1.86 0.00	23.89 1.89 -0.78
NORTHPORT___3 23553	25.81 1.82 -2.86	21.12 1.64 -0.02	19.94 1.53 -0.01	19.54 1.48 -0.01	20.01 1.46 -0.01	21.95 1.58 -0.67	25.21 1.93 -0.02	27.53 2.02 0.00	27.83 1.92 -0.02	26.94 2.18 0.00	24.28 2.04 -0.02	22.39 1.98 -0.02	20.70 1.80 0.00	19.46 1.66 0.00	19.16 1.63 0.00	19.15 1.73 0.00	20.87 1.88 -0.02	24.75 2.06 -0.34	28.74 2.03 0.00	32.88 2.35 0.00	33.46 2.28 0.00	30.23 1.98 0.00	25.51 1.62 0.00	23.70 1.70 -0.78
NORTHPORT___4 23650	25.81 1.82 -2.86	21.12 1.64 -0.02	19.94 1.53 -0.01	19.54 1.48 -0.01	20.01 1.46 -0.01	21.95 1.58 -0.67	25.21 1.93 -0.02	27.53 2.02 0.00	27.83 1.92 -0.02	26.94 2.18 0.00	24.28 2.04 -0.02	22.39 1.98 -0.02	20.70 1.80 0.00	19.46 1.66 0.00	19.16 1.63 0.00	19.15 1.73 0.00	20.87 1.88 -0.02	24.75 2.06 -0.34	28.74 2.03 0.00	32.88 2.35 0.00	33.46 2.28 0.00	30.23 1.98 0.00	25.51 1.62 0.00	23.70 1.70 -0.78
NORTHPORT___IC 23718	26.00 2.01 -2.86	21.29 1.81 -0.02	20.08 1.67 0.00	19.68 1.62 0.00	20.15 1.61 0.00	22.18 1.79 -0.67	25.44 2.16 -0.02	27.86 2.35 0.00	28.49 2.59 -0.01	27.11 2.35 0.00	24.46 2.22 -0.02	22.54 2.12 -0.02	20.82 1.91 0.00	19.53 1.73 0.00	19.28 1.75 0.00	19.28 1.85 0.00	21.02 2.03 -0.02	24.98 2.28 -0.34	26.87 2.40 2.25	26.85 2.78 6.46	26.84 2.74 7.09	26.59 2.43 4.10	25.94 2.05 0.00	23.89 1.89 -0.78
NORTH___COUNTRY_ESR 323785	19.95 -1.18 0.00	18.57 -0.90 0.00	17.63 -0.77 0.00	17.26 -0.79 0.00	17.70 -0.83 0.00	18.72 -0.98 0.00	22.17 -1.09 0.00	24.47 -1.05 0.00	24.76 -1.14 0.00	23.47 -1.29 0.00	20.73 -1.49 11.20	7.77 -1.43 13.00	4.57 -1.34 11.80	4.76 -1.25 13.50	2.76 -1.26 12.44	3.82 -1.17 10.39	7.38 -1.19 12.24	8.89 -1.23 12.18	13.15 -1.39 0.01	29.00 -1.53 0.00	29.76 -1.43 0.00	26.99 -1.27 0.00	22.57 -1.31 0.00	20.06 -1.17 0.00
NPX_GEN_1385_PROXY 323591	25.95 1.97 -2.86	21.29 1.81 -0.02	20.09 1.67 -0.01	19.69 1.63 -0.01	20.16 1.61 -0.01	22.16 1.77 -0.67	25.45 2.16 -0.02	27.76 2.25 0.00	27.93 2.02 -0.02	27.01 2.25 0.00	24.46 2.22 -0.02	22.50 2.08 -0.02	20.78 1.87 0.00	19.41 1.60 0.00	19.11 1.58 0.00	19.15 1.73 0.00	21.02 2.03 -0.02	24.98 2.28 -0.34	27.00 2.54 2.25	27.00 2.93 6.46	27.00 2.90 7.09	26.59 2.43 4.10	25.70 1.81 0.00	23.83 1.83 -0.78
NPX_GEN_CSC 323557	26.40 2.41 -2.86	21.64 2.16 -0.02	20.40 1.99 -0.01	20.00 1.93 -0.01	20.47 1.93 -0.01	22.67 2.29 -0.68	26.05 2.77 -0.02	28.29 2.78 0.00	28.47 2.56 -0.02	27.46 2.70 0.00	24.82 2.58 -0.02	22.84 2.43 -0.02	21.02 2.12 0.00	19.73 1.92 0.00	19.48 1.95 0.00	19.59 2.16 0.00	21.30 2.31 -0.02	25.40 2.70 -0.34	29.77 3.04 -0.01	34.05 3.51 -0.01	34.70 3.49 -0.01	31.38 3.11 -0.01	26.25 2.36 0.00	24.30 2.29 -0.78
NSINS_S_GLNS_FALLS 23858	21.97 0.85 0.00	20.18 0.72 0.00	18.99 0.59 0.00	18.63 0.58 0.00	19.19 0.65 0.00	20.44 0.73 0.00	24.14 0.88 0.00	26.43 0.92 0.00	27.03 1.14 0.00	25.80 1.04 0.00	23.06 0.84 0.00	21.11 0.71 0.00	19.51 0.61 0.00	18.29 0.48 0.00	18.00 0.47 0.00	17.92 0.49 0.00	19.55 0.59 0.00	23.18 0.83 0.00	27.81 1.10 0.00	31.90 1.37 0.00	32.53 1.34 0.00	29.47 1.22 0.00	24.81 0.93 0.00	22.03 0.81 0.00
NUCOR_STEEL___DRP 24197	21.32 0.19 0.00	19.58 0.12 0.00	18.57 0.17 0.00	18.22 0.16 0.00	18.71 0.17 0.00	19.89 0.18 0.00	23.45 0.19 0.00	25.77 0.26 0.00	25.97 0.08 0.00	24.91 0.15 0.00	22.35 0.13 0.00	20.48 0.08 0.00	18.98 0.08 0.00	17.89 0.09 0.00	17.58 0.05 0.00	17.50 0.07 0.00	19.04 0.08 0.00	22.42 0.07 0.00	26.85 0.13 0.00	30.71 0.18 0.00	31.47 0.28 0.00	28.54 0.28 0.00	24.19 0.31 0.00	21.50 0.28 0.00
NUMBER_THREE_WT_PWR 323818	20.94 -0.19 0.00	19.25 -0.21 0.00	18.20 -0.20 0.00	17.86 -0.20 0.00	18.33 -0.20 0.00	19.49 -0.22 0.00	23.07 -0.19 0.00	25.10 -0.41 0.00	25.30 -0.59 0.00	24.09 -0.67 0.00	21.42 -0.80 0.00	17.21 -0.84 2.35	15.38 -0.79 2.73	14.56 -0.77 2.48	13.91 -0.79 2.84	14.02 -0.80 2.61	15.97 -0.82 2.18	18.98 -0.80 2.57	23.44 -0.72 2.56	30.04 -0.49 0.00	31.19 0.00 0.00	28.29 0.03 0.00	23.79 -0.10 0.00	21.10 -0.13 0.00
NYISO_LBMP_REFERENCE 24008	21.13 0.00 0.00	19.46 0.00 0.00	18.41 0.00 0.00	18.06 0.00 0.00	18.54 0.00 0.00	19.71 0.00 0.00	23.26 0.00 0.00	25.51 0.00 0.00	25.89 0.00 0.00	24.76 0.00 0.00	22.22 0.00 0.00	20.39 0.00 0.00	18.91 0.00 0.00	17.80 0.00 0.00	17.53 0.00 0.00	17.43 0.00 0.00	18.97 0.00 0.00	22.36 0.00 0.00	26.72 0.00 0.00	30.53 0.00 0.00	31.19 0.00 0.00	28.26 0.00 0.00	23.88 0.00 0.00	21.23 0.00 0.00
NYPA_BRENTWD____GT 24164	26.27 2.28 -2.86	21.53 2.04 -0.02	20.31 1.90 -0.01	19.91 1.84 -0.01	20.38 1.84 -0.01	22.40 2.03 -0.66	25.70 2.42 -0.02	28.01 2.50 0.00	28.34 2.43 -0.02	27.36 2.60 0.00	24.73 2.49 -0.02	22.76 2.34 -0.02	21.01 2.10 0.00	19.71 1.91 0.00	19.44 1.91 0.00	19.45 2.02 0.00	21.22 2.24 -0.02	25.27 2.57 -0.34	29.55 2.83 0.00	33.80 3.27 0.00	34.44 3.24 0.00	31.11 2.85 0.00	26.08 2.20 0.00	24.15 2.14 -0.78
NYPA_GOWANUS____GT5 24156	22.99 1.86 0.00	21.00 1.54 0.00	19.77 1.36 0.00	19.37 1.32 0.00	19.80 1.26 0.00	21.07 1.36 0.00	24.94 1.68 0.00	27.40 1.89 0.00	27.99 2.10 0.00	26.79 2.03 0.00	24.20 1.98 0.00	22.31 1.92 0.00	21.20 1.78 -0.52	19.95 1.69 -0.45	19.18 1.63 -0.02	19.15 1.71 -0.02	20.82 1.84 -0.02	24.37 2.01 0.00	29.15 2.43 0.00	33.31 2.78 0.00	33.94 2.75 0.00	30.43 2.18 0.00	25.75 1.86 0.00	22.90 1.68 0.00



NYPA_GOWANUS____GT6 24157	22.99 1.86 0.00	21.00 1.54 0.00	19.77 1.36 0.00	19.37 1.32 0.00	19.80 1.26 0.00	21.07 1.36 0.00	24.94 1.68 0.00	27.40 1.89 0.00	27.99 2.10 0.00	26.79 2.03 0.00	24.20 1.98 0.00	22.31 1.92 0.00	21.20 1.78 -0.52	19.95 1.69 -0.45	19.18 1.63 -0.02	19.15 1.71 -0.02	20.82 1.84 -0.02	24.37 2.01 0.00	29.15 2.43 0.00	33.31 2.78 0.00	33.94 2.75 0.00	30.43 2.18 0.00	25.75 1.86 0.00	22.90 1.68 0.00
NYPA_HARLEM__RVR__GT1 24160	22.73 1.61 0.01	20.82 1.36 0.01	19.63 1.23 0.01	19.22 1.17 0.01	19.66 1.13 0.01	20.92 1.22 0.01	24.81 1.56 0.01	27.26 1.76 0.01	27.85 1.97 0.01	26.66 1.91 0.01	24.06 1.84 0.01	22.20 1.81 0.01	21.60 1.74 -0.96	20.31 1.67 -0.83	19.10 1.56 -0.01	19.11 1.67 -0.01	20.74 1.76 -0.01	24.20 1.85 0.01	28.95 2.24 0.01	33.15 2.63 0.01	33.74 2.56 0.01	30.23 1.98 0.01	25.52 1.65 0.01	22.68 1.46 0.01
NYPA_HARLEM__RVR__GT2 24161	22.73 1.61 0.01	20.82 1.36 0.01	19.63 1.23 0.01	19.22 1.17 0.01	19.66 1.13 0.01	20.92 1.22 0.01	24.81 1.56 0.01	27.26 1.76 0.01	27.85 1.97 0.01	26.66 1.91 0.01	24.06 1.84 0.01	22.20 1.81 0.01	21.60 1.74 -0.96	20.31 1.67 -0.83	19.10 1.56 -0.01	19.11 1.67 -0.01	20.74 1.76 -0.01	24.20 1.85 0.01	28.95 2.24 0.01	33.15 2.63 0.01	33.74 2.56 0.01	30.23 1.98 0.01	25.52 1.65 0.01	22.68 1.46 0.01
NYPA_KENT____GT 24152	22.95 1.82 0.00	20.98 1.52 0.00	19.77 1.36 0.00	19.37 1.32 0.00	19.80 1.26 0.00	21.09 1.38 0.00	24.96 1.70 0.00	27.40 1.89 0.00	28.02 2.12 0.00	26.79 2.03 0.00	24.20 1.98 0.00	22.29 1.90 0.00	21.20 1.78 -0.52	19.95 1.69 -0.45	19.18 1.63 -0.02	19.14 1.69 -0.02	20.80 1.82 -0.02	24.37 2.01 0.00	29.15 2.43 0.00	33.28 2.75 0.00	33.90 2.71 0.00	30.43 2.18 0.00	25.72 1.84 0.00	22.88 1.66 0.00
NYPA_POUCHI____GT 24155	22.99 1.86 0.00	20.98 1.52 0.00	19.75 1.34 0.00	19.36 1.30 0.00	19.78 1.24 0.00	21.03 1.32 0.00	24.86 1.60 0.00	27.27 1.76 0.00	27.89 1.99 0.00	26.69 1.93 0.00	24.11 1.89 0.00	22.21 1.81 0.00	21.13 1.70 -0.52	19.87 1.62 -0.45	19.09 1.54 -0.02	19.07 1.62 -0.02	20.73 1.74 -0.02	24.28 1.92 0.00	29.07 2.35 0.00	33.22 2.69 0.00	33.81 2.62 0.00	30.35 2.09 0.00	25.70 1.81 0.00	22.88 1.66 0.00
NYPA_VERNON____GT2 24162	22.93 1.79 0.00	20.98 1.52 0.00	19.77 1.36 0.00	19.37 1.32 0.00	19.82 1.28 0.00	21.09 1.38 0.00	24.98 1.72 0.00	27.43 1.91 0.00	28.02 2.12 0.00	26.81 2.05 0.00	24.22 2.00 0.00	22.29 1.90 0.00	21.18 1.76 -0.52	19.95 1.69 -0.45	19.18 1.63 -0.02	19.14 1.69 -0.02	20.80 1.82 -0.02	24.37 2.01 0.00	29.12 2.41 0.00	33.28 2.75 0.00	33.87 2.68 0.00	30.43 2.18 0.00	25.70 1.81 0.00	22.86 1.63 0.00
NYPA_VERNON____GT3 24163	22.93 1.79 0.00	20.98 1.52 0.00	19.77 1.36 0.00	19.37 1.32 0.00	19.82 1.28 0.00	21.09 1.38 0.00	24.98 1.72 0.00	27.43 1.91 0.00	28.02 2.12 0.00	26.81 2.05 0.00	24.22 2.00 0.00	22.29 1.90 0.00	21.18 1.76 -0.52	19.95 1.69 -0.45	19.18 1.63 -0.02	19.14 1.69 -0.02	20.80 1.82 -0.02	24.37 2.01 0.00	29.12 2.41 0.00	33.28 2.75 0.00	33.87 2.68 0.00	30.43 2.18 0.00	25.70 1.81 0.00	22.86 1.63 0.00
NYPA__ASTORIA_CC1 323568	22.91 1.78 0.00	20.96 1.50 0.00	19.75 1.34 0.00	19.36 1.30 0.00	19.78 1.24 0.00	21.07 1.36 0.00	24.96 1.70 0.00	27.40 1.89 0.00	27.99 2.10 0.00	26.79 2.03 0.00	24.20 1.98 0.00	22.29 1.90 0.00	21.18 1.76 -0.52	19.93 1.67 -0.45	19.16 1.61 -0.02	19.14 1.69 -0.02	20.79 1.80 -0.02	24.35 1.99 0.00	29.09 2.38 0.00	33.25 2.72 0.00	33.84 2.65 0.00	30.40 2.15 0.00	25.68 1.79 0.00	22.84 1.61 0.00
NYPA__ASTORIA_CC2 323569	22.91 1.78 0.00	20.96 1.50 0.00	19.75 1.34 0.00	19.36 1.30 0.00	19.78 1.24 0.00	21.07 1.36 0.00	24.96 1.70 0.00	27.40 1.89 0.00	27.99 2.10 0.00	26.79 2.03 0.00	24.20 1.98 0.00	22.29 1.90 0.00	21.18 1.76 -0.52	19.93 1.67 -0.45	19.16 1.61 -0.02	19.14 1.69 -0.02	20.79 1.80 -0.02	24.35 1.99 0.00	29.09 2.38 0.00	33.25 2.72 0.00	33.84 2.65 0.00	30.40 2.15 0.00	25.68 1.79 0.00	22.84 1.61 0.00
NYPA__HOLTSVILL 23794	26.27 2.28 -2.86	21.53 2.04 -0.02	20.31 1.90 -0.01	19.91 1.84 -0.01	20.38 1.84 -0.01	22.46 2.07 -0.68	25.77 2.49 -0.02	28.06 2.55 0.00	28.34 2.43 -0.02	27.36 2.60 0.00	24.71 2.47 -0.02	22.74 2.32 -0.02	20.97 2.06 0.00	19.67 1.87 0.00	19.41 1.88 0.00	19.47 2.04 0.00	21.21 2.22 -0.02	25.25 2.55 -0.34	29.56 2.83 -0.01	33.81 3.27 -0.01	34.45 3.24 -0.01	31.12 2.85 -0.01	26.08 2.20 0.00	24.15 2.14 -0.78
NYPA__HELLGATE_GT1 24158	22.73 1.61 0.01	20.82 1.36 0.01	19.63 1.23 0.01	19.22 1.17 0.01	19.66 1.13 0.01	20.92 1.22 0.01	24.81 1.56 0.01	27.26 1.76 0.01	27.85 1.97 0.01	26.66 1.91 0.01	24.06 1.84 0.01	22.20 1.81 0.01	20.70 1.74 -0.06	19.53 1.67 -0.05	19.10 1.56 -0.01	19.11 1.67 -0.01	20.74 1.76 -0.01	24.20 1.85 0.01	28.95 2.24 0.01	33.15 2.63 0.01	33.74 2.56 0.01	30.23 1.98 0.01	25.52 1.65 0.01	22.68 1.46 0.01
NYPA__HELLGATE_GT2 24159	22.73 1.61 0.01	20.82 1.36 0.01	19.63 1.23 0.01	19.22 1.17 0.01	19.66 1.13 0.01	20.92 1.22 0.01	24.81 1.56 0.01	27.26 1.76 0.01	27.85 1.97 0.01	26.66 1.91 0.01	24.06 1.84 0.01	22.20 1.81 0.01	20.70 1.74 -0.06	19.53 1.67 -0.05	19.10 1.56 -0.01	19.11 1.67 -0.01	20.74 1.76 -0.01	24.20 1.85 0.01	28.95 2.24 0.01	33.15 2.63 0.01	33.74 2.56 0.01	30.23 1.98 0.01	25.52 1.65 0.01	22.68 1.46 0.01
NYS_BARGE__HYD 23848	20.50 -0.63 0.00	18.78 -0.68 0.00	18.04 -0.37 0.00	17.69 -0.36 0.00	18.13 -0.41 0.00	19.08 -0.63 0.00	22.19 -1.07 0.00	24.24 -1.27 0.00	24.26 -1.63 0.00	23.17 -1.58 0.00	21.04 -1.18 0.00	19.42 -0.98 0.00	18.08 -0.83 0.00	16.99 -0.82 0.00	16.78 -0.75 0.00	16.63 -0.80 0.00	18.06 -0.91 0.00	20.95 -1.41 0.00	25.03 -1.68 0.00	28.55 -1.98 0.00	29.51 -1.68 0.00	26.76 -1.50 0.00	23.19 -0.69 0.00	20.76 -0.47 0.00
OAK ORCHARD__HYD 24046	20.88 -0.25 0.00	19.15 -0.31 0.00	18.26 -0.15 0.00	17.89 -0.16 0.00	18.35 -0.19 0.00	19.41 -0.30 0.00	22.77 -0.49 0.00	24.98 -0.54 0.00	25.14 -0.75 0.00	24.02 -0.74 0.00	21.67 -0.55 0.00	19.95 -0.45 0.00	18.55 -0.36 0.00	17.43 -0.37 0.00	17.22 -0.32 0.00	17.05 -0.38 0.00	18.55 -0.42 0.00	21.73 -0.63 0.00	25.97 -0.75 0.00	29.68 -0.85 0.00	30.57 -0.62 0.00	27.66 -0.59 0.00	23.69 -0.19 0.00	21.10 -0.13 0.00
OAKDALE__35_KV_LOAD 356122	21.45 0.32 0.00	19.72 0.25 0.00	18.74 0.33 0.00	18.36 0.31 0.00	18.85 0.32 0.00	20.02 0.32 0.00	23.56 0.30 0.00	25.84 0.33 0.00	26.05 0.16 0.00	24.98 0.22 0.00	22.46 0.24 0.00	20.62 0.22 0.00	19.15 0.25 0.00	18.02 0.21 0.00	17.71 0.18 0.00	17.62 0.19 0.00	19.18 0.21 0.00	22.54 0.18 0.00	26.96 0.24 0.00	30.77 0.24 0.00	31.53 0.34 0.00	28.57 0.31 0.00	24.27 0.38 0.00	21.57 0.34 0.00



OCC_CHEM___DRP 24175	20.09 -1.04 0.00	18.43 -1.03 0.00	17.76 -0.64 0.00	17.33 -0.72 0.00	17.78 -0.76 0.00	18.72 -0.99 0.00	21.75 -1.51 0.00	23.60 -1.91 0.00	23.25 -2.64 0.00	22.65 -2.10 0.00	20.60 -1.62 0.00	19.05 -1.35 0.00	17.75 -1.15 0.00	16.68 -1.12 0.00	16.23 -1.30 0.00	16.33 -1.10 0.00	17.75 -1.21 0.00	20.55 -1.81 0.00	24.55 -2.16 0.00	27.93 -2.60 0.00	28.85 -2.34 0.00	26.17 -2.09 0.00	22.57 -1.31 0.00	20.36 -0.87 0.00
OH_GEN_PROXY 24063	20.39 -0.74 0.00	18.70 -0.76 0.00	17.96 -0.44 0.00	17.60 -0.45 0.00	18.04 -0.50 0.00	19.00 -0.71 0.00	22.12 -1.14 0.00	24.11 -1.40 0.00	24.16 -1.73 0.00	23.07 -1.68 0.00	20.95 -1.27 0.00	19.35 -1.04 0.00	18.04 -0.87 0.00	16.95 -0.85 0.00	16.74 -0.79 0.00	16.61 -0.82 0.00	18.06 -0.91 0.00	20.95 -1.41 0.00	25.00 -1.71 0.00	28.45 -2.08 0.00	29.35 -1.84 0.00	26.65 -1.61 0.00	23.05 -0.84 0.00	20.65 -0.57 0.00
OLIN_CORP_DRP 24177	20.20 -0.93 0.00	18.53 -0.93 0.00	17.80 -0.61 0.00	17.48 -0.58 0.00	17.89 -0.65 0.00	18.82 -0.89 0.00	21.89 -1.37 0.00	23.75 -1.76 0.00	23.43 -2.46 0.00	22.80 -1.96 0.00	20.71 -1.51 0.00	19.13 -1.26 0.00	17.83 -1.08 0.00	16.75 -1.05 0.00	16.30 -1.23 0.00	16.40 -1.03 0.00	17.83 -1.14 0.00	20.66 -1.70 0.00	24.68 -2.03 0.00	28.12 -2.41 0.00	29.04 -2.15 0.00	26.34 -1.92 0.00	22.71 -1.17 0.00	20.46 -0.76 0.00
OLIN_CORP_DSASP 323712	20.09 -1.03 0.00	18.43 -1.03 0.00	17.76 -0.64 0.00	17.33 -0.72 0.00	17.78 -0.76 0.00	18.70 -1.00 0.00	21.75 -1.51 0.00	23.68 -1.84 0.00	23.72 -2.18 0.00	22.65 -2.10 0.00	20.60 -1.62 0.00	19.05 -1.35 0.00	17.75 -1.15 0.00	16.68 -1.12 0.00	16.48 -1.05 0.00	16.35 -1.08 0.00	17.75 -1.21 0.00	20.55 -1.81 0.00	24.55 -2.16 0.00	27.93 -2.60 0.00	28.82 -2.37 0.00	26.17 -2.09 0.00	22.71 -1.17 0.00	20.36 -0.87 0.00
ONEIDA_HERK_LFGE 323681	21.38 0.25 0.00	19.66 0.19 0.00	18.61 0.20 0.00	18.25 0.20 0.00	18.72 0.19 0.00	19.93 0.22 0.00	23.54 0.28 0.00	25.74 0.23 0.00	26.08 0.18 0.00	24.91 0.15 0.00	22.26 0.04 0.00	19.64 -0.04 0.71	18.02 -0.06 0.83	16.96 -0.09 0.75	16.56 -0.10 0.86	16.50 -0.14 0.79	18.19 -0.11 0.66	21.55 -0.02 0.78	26.07 0.13 0.78	30.83 0.31 0.00	31.75 0.56 0.00	28.77 0.51 0.00	24.24 0.36 0.00	21.52 0.30 0.00
ONEIDA___115KV_TB4 55905	21.72 0.59 0.00	19.95 0.49 0.00	18.88 0.48 0.00	18.52 0.47 0.00	19.02 0.48 0.00	20.22 0.51 0.00	23.89 0.63 0.00	26.20 0.69 0.00	26.54 0.65 0.00	25.40 0.64 0.00	22.75 0.53 0.00	20.80 0.41 0.00	19.27 0.36 0.00	18.11 0.30 0.00	17.79 0.26 0.00	17.66 0.23 0.00	19.27 0.30 0.00	22.78 0.42 0.00	27.36 0.64 0.00	31.35 0.82 0.00	32.16 0.97 0.00	29.16 0.90 0.00	24.62 0.74 0.00	21.86 0.64 0.00
ONONDAGA_REF_OCCRA 23987	21.21 0.08 0.00	19.48 0.02 0.00	18.46 0.06 0.00	18.11 0.05 0.00	18.59 0.06 0.00	19.75 0.04 0.00	23.28 0.02 0.00	25.59 0.08 0.00	25.84 -0.05 0.00	24.76 0.00 0.00	22.24 0.02 0.00	20.39 0.00 0.00	18.91 0.00 0.00	17.80 0.00 0.00	17.51 -0.02 0.00	17.41 -0.02 0.00	18.97 0.00 0.00	22.33 -0.02 0.00	26.74 0.03 0.00	30.59 0.06 0.00	31.32 0.12 0.00	28.37 0.11 0.00	24.03 0.14 0.00	21.35 0.13 0.00
ONONDAGA___COGEN 23986	21.21 0.08 0.00	19.48 0.02 0.00	18.46 0.06 0.00	18.11 0.05 0.00	18.59 0.06 0.00	19.75 0.04 0.00	23.28 0.02 0.00	25.59 0.08 0.00	25.84 -0.05 0.00	24.76 0.00 0.00	22.24 0.02 0.00	20.39 0.00 0.00	18.91 0.00 0.00	17.80 0.00 0.00	17.51 -0.02 0.00	17.41 -0.02 0.00	18.97 0.00 0.00	22.33 -0.02 0.00	26.72 0.00 0.00	30.56 0.03 0.00	31.28 0.09 0.00	28.34 0.08 0.00	24.03 0.14 0.00	21.35 0.13 0.00
ONTARIO___LFGE 23819	21.36 0.23 0.00	19.58 0.12 0.00	18.64 0.24 0.00	18.29 0.23 0.00	18.78 0.24 0.00	19.93 0.22 0.00	23.45 0.19 0.00	25.79 0.28 0.00	25.92 0.03 0.00	24.76 0.00 0.00	22.24 0.02 0.00	20.37 -0.02 0.00	18.93 0.02 0.00	17.79 -0.02 0.00	17.53 0.00 0.00	17.39 -0.03 0.00	18.95 -0.02 0.00	22.25 -0.11 0.00	26.69 -0.03 0.00	30.56 0.03 0.00	31.35 0.16 0.00	28.43 0.17 0.00	24.26 0.38 0.00	21.55 0.32 0.00
ORANGEVILLE_WT_PWR 323706	20.79 -0.34 0.00	19.09 -0.37 0.00	18.35 -0.06 0.00	17.98 -0.07 0.00	18.46 -0.07 0.00	19.51 -0.20 0.00	22.73 -0.53 0.00	24.88 -0.64 0.00	24.91 -0.98 0.00	23.72 -1.04 0.00	21.35 -0.87 0.00	19.64 -0.75 0.00	18.24 -0.66 0.00	17.13 -0.68 0.00	16.86 -0.67 0.00	16.71 -0.72 0.00	18.19 -0.78 0.00	21.17 -1.19 0.00	25.43 -1.28 0.00	29.10 -1.43 0.00	30.07 -1.12 0.00	27.35 -0.91 0.00	23.60 -0.29 0.00	21.08 -0.15 0.00
ORANGEVILLE___ESR 323794	20.79 -0.34 0.00	19.09 -0.37 0.00	18.35 -0.06 0.00	17.98 -0.07 0.00	18.46 -0.07 0.00	19.51 -0.20 0.00	22.73 -0.53 0.00	24.88 -0.64 0.00	24.91 -0.98 0.00	23.72 -1.04 0.00	21.35 -0.87 0.00	19.64 -0.75 0.00	18.24 -0.66 0.00	17.13 -0.68 0.00	16.86 -0.67 0.00	16.71 -0.72 0.00	18.19 -0.78 0.00	21.17 -1.19 0.00	25.43 -1.28 0.00	29.10 -1.43 0.00	30.07 -1.12 0.00	27.35 -0.91 0.00	23.60 -0.29 0.00	21.08 -0.15 0.00
OSWEGATCHIE___HYD 24044	20.03 -1.10 0.00	18.45 -1.01 0.00	17.47 -0.94 0.00	17.12 -0.94 0.00	17.59 -0.94 0.00	18.70 -1.00 0.00	22.14 -1.12 0.00	24.21 -1.30 0.00	24.47 -1.42 0.00	23.32 -1.44 0.00	20.73 -1.49 0.00	12.90 -1.41 6.08	10.51 -1.34 7.06	10.13 -1.26 6.41	8.92 -1.28 7.34	9.40 -1.27 6.76	11.98 -1.35 5.65	14.26 -1.45 6.65	18.55 -1.55 6.62	28.91 -1.62 0.00	29.85 -1.34 0.00	27.07 -1.19 0.00	22.76 -1.12 0.00	20.21 -1.02 0.00
OSWEGO___5 23606	20.81 -0.32 0.00	19.15 -0.31 0.00	18.13 -0.28 0.00	17.78 -0.27 0.00	18.26 -0.28 0.00	19.41 -0.30 0.00	22.87 -0.40 0.00	25.10 -0.41 0.00	25.43 -0.47 0.00	24.31 -0.44 0.00	21.84 -0.38 0.00	20.03 -0.37 0.00	18.59 -0.32 0.00	17.50 -0.30 0.00	17.23 -0.30 0.00	17.12 -0.31 0.00	18.63 -0.34 0.00	21.93 -0.43 0.00	26.24 -0.48 0.00	30.01 -0.52 0.00	30.69 -0.50 0.00	27.80 -0.45 0.00	23.57 -0.31 0.00	20.95 -0.28 0.00
OSWEGO___6 23613	20.81 -0.32 0.00	19.15 -0.31 0.00	18.13 -0.28 0.00	17.78 -0.27 0.00	18.26 -0.28 0.00	19.41 -0.30 0.00	22.87 -0.40 0.00	25.10 -0.41 0.00	25.43 -0.47 0.00	24.31 -0.44 0.00	21.84 -0.38 0.00	20.03 -0.37 0.00	18.59 -0.32 0.00	17.50 -0.30 0.00	17.23 -0.30 0.00	17.12 -0.31 0.00	18.63 -0.34 0.00	21.93 -0.43 0.00	26.24 -0.48 0.00	30.01 -0.52 0.00	30.69 -0.50 0.00	27.80 -0.45 0.00	23.57 -0.31 0.00	20.95 -0.28 0.00
OUTOKUMPU-AB___DRP 24206	20.60 -0.53 0.00	18.88 -0.58 0.00	18.17 -0.24 0.00	17.78 -0.27 0.00	18.24 -0.30 0.00	19.22 -0.49 0.00	22.33 -0.93 0.00	24.29 -1.22 0.00	23.98 -1.92 0.00	23.32 -1.44 0.00	21.20 -1.02 0.00	19.54 -0.86 0.00	18.21 -0.70 0.00	17.11 -0.69 0.00	16.64 -0.89 0.00	16.71 -0.71 0.00	18.17 -0.80 0.00	21.04 -1.32 0.00	25.17 -1.55 0.00	28.70 -1.83 0.00	29.66 -1.53 0.00	26.90 -1.36 0.00	23.19 -0.69 0.00	20.87 -0.36 0.00



OXBOW___BTM 323836	20.35 -0.78 0.00	18.66 -0.80 0.00	17.96 -0.44 0.00	17.57 -0.49 0.00	18.00 -0.54 0.00	18.96 -0.75 0.00	22.05 -1.21 0.00	24.03 -1.48 0.00	24.08 -1.81 0.00	23.00 -1.76 0.00	20.91 -1.31 0.00	19.29 -1.10 0.00	17.98 -0.93 0.00	16.91 -0.89 0.00	16.69 -0.84 0.00	16.54 -0.89 0.00	17.96 -1.01 0.00	20.81 -1.54 0.00	24.84 -1.87 0.00	28.33 -2.20 0.00	29.23 -1.96 0.00	26.56 -1.69 0.00	23.02 -0.86 0.00	20.61 -0.62 0.00
OXBOW____ 24026	20.35 -0.78 0.00	18.67 -0.80 0.00	17.96 -0.44 0.00	17.57 -0.49 0.00	18.00 -0.54 0.00	18.96 -0.75 0.00	22.05 -1.21 0.00	23.96 -1.56 0.00	23.62 -2.28 0.00	23.00 -1.76 0.00	20.91 -1.31 0.00	19.29 -1.10 0.00	17.98 -0.93 0.00	16.91 -0.89 0.00	16.43 -1.10 0.00	16.52 -0.91 0.00	17.96 -1.01 0.00	20.79 -1.56 0.00	24.85 -1.87 0.00	28.33 -2.20 0.00	29.29 -1.90 0.00	26.56 -1.70 0.00	22.90 -0.98 0.00	20.61 -0.62 0.00
OXY_CHEM_DSASP 323612	20.09 -1.04 0.00	18.43 -1.03 0.00	17.76 -0.64 0.00	17.33 -0.72 0.00	17.78 -0.76 0.00	18.72 -0.99 0.00	21.75 -1.51 0.00	23.60 -1.91 0.00	23.25 -2.64 0.00	22.65 -2.10 0.00	20.60 -1.62 0.00	19.05 -1.35 0.00	17.75 -1.15 0.00	16.68 -1.12 0.00	16.23 -1.30 0.00	16.33 -1.10 0.00	17.75 -1.21 0.00	20.55 -1.81 0.00	24.55 -2.16 0.00	27.93 -2.60 0.00	28.85 -2.34 0.00	26.17 -2.09 0.00	22.57 -1.31 0.00	20.36 -0.87 0.00
OZONE_PARK_ESR 323760	23.05 1.92 0.00	21.12 1.65 0.00	19.90 1.49 0.00	19.48 1.43 0.00	19.93 1.39 0.00	21.25 1.54 0.00	25.14 1.88 0.00	27.61 2.09 0.00	28.28 2.38 0.00	26.96 2.20 0.00	24.35 2.13 0.00	22.41 2.02 0.00	21.33 1.91 -0.51	20.07 1.82 -0.45	19.32 1.77 -0.02	19.26 1.81 -0.02	20.92 1.93 -0.02	24.52 2.17 0.00	29.31 2.59 0.00	33.46 2.93 0.00	34.06 2.87 0.00	30.63 2.37 0.00	25.89 2.01 0.00	23.01 1.78 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	20.09 -1.04 0.00	18.43 -1.03 0.00	17.76 -0.64 0.00	17.33 -0.72 0.00	17.78 -0.76 0.00	18.72 -0.99 0.00	21.75 -1.51 0.00	23.60 -1.91 0.00	23.25 -2.64 0.00	22.65 -2.10 0.00	20.60 -1.62 0.00	19.05 -1.35 0.00	17.75 -1.15 0.00	16.68 -1.12 0.00	16.23 -1.30 0.00	16.33 -1.10 0.00	17.75 -1.21 0.00	20.55 -1.81 0.00	24.55 -2.16 0.00	27.93 -2.60 0.00	28.85 -2.34 0.00	26.17 -2.09 0.00	22.57 -1.31 0.00	20.36 -0.87 0.00
PACKARD__115KV_DUPONT_184 80571	20.09 -1.04 0.00	18.43 -1.03 0.00	17.76 -0.64 0.00	17.33 -0.72 0.00	17.78 -0.76 0.00	18.72 -0.99 0.00	21.75 -1.51 0.00	23.60 -1.91 0.00	23.25 -2.64 0.00	22.65 -2.10 0.00	20.60 -1.62 0.00	19.05 -1.35 0.00	17.75 -1.15 0.00	16.68 -1.12 0.00	16.23 -1.30 0.00	16.33 -1.10 0.00	17.75 -1.21 0.00	20.55 -1.81 0.00	24.55 -2.16 0.00	27.93 -2.60 0.00	28.85 -2.34 0.00	26.17 -2.09 0.00	22.57 -1.31 0.00	20.36 -0.87 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	22.80 1.67 0.00	20.86 1.40 0.00	19.66 1.25 0.00	19.26 1.21 0.00	19.71 1.17 0.00	20.97 1.26 0.00	24.84 1.58 0.00	27.30 1.79 0.00	27.97 2.07 0.00	26.66 1.91 0.00	24.09 1.87 0.00	22.19 1.79 0.00	20.56 1.64 -0.01	19.40 1.58 -0.01	19.11 1.56 -0.02	19.05 1.60 -0.02	20.71 1.73 -0.02	24.26 1.90 0.00	28.99 2.27 0.00	33.09 2.56 0.00	33.69 2.50 0.00	30.26 2.01 0.00	25.60 1.72 0.00	22.73 1.51 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	22.90 1.77 0.00	20.96 1.50 0.00	19.75 1.34 0.00	19.36 1.30 0.00	19.78 1.24 0.00	21.09 1.38 0.00	24.96 1.70 0.00	27.40 1.89 0.00	28.07 2.18 0.00	26.76 2.01 0.00	24.18 1.96 0.00	22.25 1.86 0.00	20.62 1.70 -0.01	19.47 1.66 -0.01	19.16 1.61 -0.02	19.10 1.66 -0.02	20.77 1.78 -0.02	24.32 1.97 0.00	29.07 2.35 0.00	33.22 2.69 0.00	33.81 2.62 0.00	30.38 2.12 0.00	25.70 1.82 0.00	22.84 1.61 0.00
PATROON__115KV_TB1 80586	21.66 0.53 0.00	19.99 0.53 0.00	18.85 0.44 0.00	18.52 0.47 0.00	19.00 0.46 0.00	20.22 0.51 0.00	23.89 0.63 0.00	26.18 0.66 0.00	26.70 0.80 0.00	25.50 0.74 0.00	22.91 0.69 0.00	21.03 0.63 0.00	19.46 0.55 0.00	18.30 0.50 0.00	18.02 0.49 0.00	17.93 0.51 0.00	19.54 0.57 0.00	23.07 0.72 0.00	27.49 0.77 0.00	31.45 0.92 0.00	32.03 0.84 0.00	28.99 0.73 0.00	24.58 0.69 0.00	21.82 0.59 0.00
PATTRSNVILLE__SOLAR 323815	22.02 0.89 0.00	20.28 0.82 0.00	19.12 0.72 0.00	18.76 0.70 0.00	19.28 0.74 0.00	20.54 0.83 0.00	24.19 0.93 0.00	26.51 0.99 0.00	26.98 1.09 0.00	25.77 1.02 0.00	23.11 0.89 0.00	21.17 0.77 0.00	19.59 0.68 0.00	18.41 0.61 0.00	18.13 0.60 0.00	18.06 0.63 0.00	19.67 0.70 0.00	23.25 0.90 0.00	27.86 1.15 0.00	31.94 1.41 0.00	32.60 1.40 0.00	29.56 1.30 0.00	24.93 1.05 0.00	22.14 0.91 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	20.92 -0.21 0.00	19.19 -0.27 0.00	18.46 0.06 0.00	18.09 0.04 0.00	18.58 0.04 0.00	19.61 -0.10 0.00	22.80 -0.47 0.00	24.85 -0.66 0.00	24.57 -1.32 0.00	23.84 -0.92 0.00	21.62 -0.60 0.00	19.90 -0.49 0.00	18.53 -0.38 0.00	17.41 -0.39 0.00	16.93 -0.60 0.00	16.98 -0.45 0.00	18.45 -0.51 0.00	21.42 -0.94 0.00	25.62 -1.10 0.00	29.22 -1.31 0.00	30.19 -1.00 0.00	27.41 -0.85 0.00	23.60 -0.29 0.00	21.18 -0.04 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	22.80 1.67 0.00	20.98 1.52 0.00	19.80 1.40 0.00	19.39 1.34 0.00	19.87 1.33 0.00	21.11 1.40 0.00	25.01 1.74 0.00	27.38 1.86 0.00	28.02 2.12 0.00	26.79 2.03 0.00	24.09 1.87 0.00	22.13 1.73 0.00	20.48 1.57 0.00	19.37 1.57 0.00	19.07 1.54 0.00	19.00 1.57 0.00	20.65 1.69 0.00	24.26 1.90 0.00	28.99 2.27 0.00	33.03 2.50 0.00	33.72 2.53 0.00	30.46 2.20 0.00	25.65 1.77 0.00	22.80 1.57 0.00
PEEKSKILL____ 23653	22.67 1.54 0.00	20.83 1.36 0.00	19.64 1.23 0.00	19.27 1.21 0.00	19.73 1.19 0.00	21.01 1.30 0.00	24.84 1.58 0.00	27.22 1.71 0.00	27.76 1.87 0.00	26.59 1.83 0.00	23.97 1.75 0.00	22.05 1.65 0.00	20.46 1.55 0.00	19.30 1.50 0.00	18.95 1.42 0.00	18.93 1.50 0.00	20.56 1.59 0.00	24.17 1.81 0.00	28.83 2.11 0.00	32.88 2.35 0.00	33.50 2.31 0.00	30.21 1.95 0.00	25.43 1.55 0.00	22.65 1.42 0.00
PGE MADISON__WINDPWR 24146	22.84 1.71 0.00	20.92 1.46 0.00	19.88 1.47 0.00	19.50 1.44 0.00	19.99 1.45 0.00	21.29 1.58 0.00	25.17 1.91 0.00	27.73 2.22 0.00	27.99 2.10 0.00	26.71 1.96 0.00	23.77 1.55 0.00	21.56 1.16 0.00	19.93 1.02 0.00	18.71 0.91 0.00	18.35 0.82 0.00	18.16 0.73 0.00	19.86 0.89 0.00	23.63 1.27 0.00	28.56 1.84 0.00	32.82 2.29 0.00	33.78 2.59 0.00	30.74 2.49 0.00	25.94 2.05 0.00	23.05 1.83 0.00
PIERCEFIELD__HYD 23852	19.65 -1.48 0.00	18.18 -1.28 0.00	17.19 -1.21 0.00	16.85 -1.21 0.00	17.33 -1.20 0.00	18.39 -1.32 0.00	21.82 -1.44 0.00	23.96 -1.56 0.00	24.26 -1.63 0.00	23.10 -1.66 0.00	20.55 -1.67 0.00	9.70 -1.53 9.17	6.81 -1.46 10.64	6.79 -1.35 9.66	5.12 -1.35 11.06	5.90 -1.34 10.18	9.02 -1.44 8.51	10.75 -1.59 10.02	14.93 -1.82 9.97	28.48 -2.05 0.01	29.26 -1.93 0.00	26.53 -1.72 0.00	22.28 -1.60 0.00	19.83 -1.40 0.00



PINELAWN_CC_1 323563	26.06 2.07 -2.86	21.33 1.85 -0.02	20.13 1.71 -0.01	19.72 1.66 -0.01	20.20 1.65 -0.01	22.15 1.81 -0.63	25.47 2.19 -0.02	27.78 2.27 0.00	28.16 2.25 -0.01	27.16 2.40 0.00	24.51 2.27 -0.02	22.57 2.16 -0.02	20.84 1.93 0.00	19.58 1.78 0.00	19.30 1.77 0.00	19.29 1.87 0.00	21.05 2.07 -0.02	25.04 2.35 -0.34	29.31 2.59 0.00	33.52 2.99 0.00	34.16 2.96 0.00	30.89 2.63 0.00	25.89 2.01 0.00	23.96 1.95 -0.78
PJM_GEN_HTP_PROXY 323702	22.86 1.73 0.00	20.96 1.50 0.00	19.75 1.34 0.00	19.36 1.30 0.00	19.80 1.26 0.00	21.09 1.38 0.00	24.94 1.68 0.00	27.37 1.86 0.00	27.94 2.05 0.00	26.74 1.98 0.00	24.15 1.93 0.00	22.23 1.84 0.00	21.15 1.74 -0.50	19.90 1.66 -0.44	19.12 1.58 -0.02	19.10 1.66 -0.02	20.75 1.76 -0.02	24.32 1.97 0.00	29.01 2.30 0.00	33.16 2.63 0.00	33.75 2.56 0.00	30.38 2.12 0.00	25.63 1.74 0.00	22.80 1.57 0.00
PJM_GEN_KEystone 24065	21.70 0.57 0.00	19.93 0.47 0.00	18.94 0.53 0.00	18.56 0.50 0.00	19.06 0.52 0.00	20.24 0.53 0.00	23.75 0.49 0.00	26.02 0.51 0.00	26.31 0.41 0.00	25.18 0.42 0.00	22.73 0.51 0.00	20.92 0.53 0.00	19.49 0.55 -0.04	18.35 0.52 -0.03	18.02 0.49 0.00	17.94 0.51 0.00	19.50 0.53 0.00	22.80 0.45 0.00	27.25 0.53 0.00	31.02 0.49 0.00	31.72 0.53 0.00	28.71 0.45 0.00	24.43 0.55 0.00	21.74 0.51 0.00
PJM_GEN_NEPTUNE_PROXY 323594	25.69 1.71 -2.85	21.04 1.56 -0.02	19.85 1.44 -0.01	19.47 1.41 -0.01	19.94 1.39 -0.01	21.44 1.48 -0.25	25.09 1.82 -0.02	27.45 1.94 0.00	27.85 1.94 -0.01	26.84 2.08 0.00	24.17 1.93 -0.02	22.31 1.90 -0.02	20.63 1.72 0.00	19.39 1.58 0.00	19.09 1.56 0.00	19.09 1.66 0.00	20.78 1.80 -0.02	24.68 1.99 -0.34	28.93 2.22 0.00	33.06 2.53 0.00	33.69 2.50 0.00	30.43 2.18 0.00	25.58 1.70 0.00	23.59 1.59 -0.77
PJM_GEN_VFT_PROXY 323633	22.78 1.65 0.00	20.88 1.42 0.00	19.69 1.29 0.00	19.28 1.23 0.00	19.73 1.19 0.00	21.03 1.32 0.00	24.89 1.63 0.00	27.32 1.81 0.00	27.89 1.99 0.00	26.69 1.93 0.00	24.11 1.89 0.00	22.19 1.80 0.00	21.10 1.68 -0.51	19.87 1.62 -0.45	19.09 1.54 -0.02	19.05 1.60 -0.02	20.71 1.73 -0.02	24.28 1.92 0.00	28.98 2.27 0.00	33.09 2.56 0.00	33.69 2.50 0.00	30.29 2.04 0.00	25.55 1.67 0.00	22.73 1.51 0.00
PLATSBURG_115KV_PMLD1 355749	19.90 -1.23 0.00	18.65 -0.82 0.00	17.76 -0.64 0.00	17.39 -0.67 0.00	17.82 -0.72 0.00	18.80 -0.91 0.00	22.28 -0.98 0.00	24.65 -0.87 0.00	24.91 -0.98 0.00	23.52 -1.24 0.00	20.60 -1.62 0.00	7.43 -1.59 11.37	4.22 -1.49 13.20	4.47 -1.35 11.98	2.45 -1.37 13.71	3.51 -1.29 12.63	7.12 -1.29 10.55	8.68 -1.25 12.43	12.99 -1.36 12.37	29.03 -1.50 0.01	29.85 -1.34 0.00	27.10 -1.16 0.00	22.59 -1.29 0.00	20.06 -1.17 0.00
PLEASANTVLY___LBMP 24000	22.44 1.31 0.00	20.67 1.21 0.00	19.47 1.07 0.00	19.10 1.05 0.00	19.59 1.06 0.00	20.87 1.16 0.00	24.63 1.37 0.00	26.99 1.48 0.00	27.58 1.68 0.00	26.34 1.58 0.00	23.73 1.51 0.00	21.82 1.43 0.00	20.25 1.34 0.00	19.10 1.30 0.00	18.81 1.28 0.00	18.72 1.29 0.00	20.33 1.37 0.00	23.92 1.56 0.00	28.53 1.82 0.00	32.58 2.05 0.00	33.12 1.93 0.00	29.95 1.70 0.00	25.24 1.36 0.00	22.44 1.21 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	22.67 1.54 0.00	20.83 1.36 0.00	19.64 1.23 0.00	19.26 1.21 0.00	19.74 1.20 0.00	21.03 1.32 0.00	24.84 1.58 0.00	27.25 1.73 0.00	27.86 1.97 0.00	26.61 1.86 0.00	23.98 1.76 0.00	22.07 1.67 0.00	20.48 1.57 0.00	19.30 1.50 0.00	18.99 1.46 0.00	18.91 1.48 0.00	20.56 1.59 0.00	24.17 1.81 0.00	28.83 2.11 0.00	32.94 2.41 0.00	33.50 2.31 0.00	30.21 1.95 0.00	25.48 1.60 0.00	22.65 1.42 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	22.67 1.54 0.00	20.83 1.36 0.00	19.64 1.23 0.00	19.26 1.21 0.00	19.74 1.20 0.00	21.03 1.32 0.00	24.84 1.58 0.00	27.25 1.73 0.00	27.86 1.97 0.00	26.61 1.86 0.00	23.98 1.76 0.00	22.07 1.67 0.00	20.48 1.57 0.00	19.30 1.50 0.00	18.99 1.46 0.00	18.91 1.48 0.00	20.56 1.59 0.00	24.17 1.81 0.00	28.83 2.11 0.00	32.94 2.41 0.00	33.50 2.31 0.00	30.21 1.95 0.00	25.48 1.60 0.00	22.65 1.42 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	22.82 1.69 0.00	20.96 1.50 0.00	19.79 1.38 0.00	19.39 1.34 0.00	19.87 1.33 0.00	21.15 1.44 0.00	25.03 1.77 0.00	27.38 1.86 0.00	27.94 2.05 0.00	26.71 1.96 0.00	24.00 1.78 0.00	22.05 1.65 0.00	20.40 1.49 0.00	19.26 1.46 0.00	18.97 1.44 0.00	18.88 1.45 0.00	20.54 1.57 0.00	24.19 1.83 0.00	28.91 2.19 0.00	33.03 2.50 0.00	33.65 2.46 0.00	30.46 2.20 0.00	25.70 1.82 0.00	22.78 1.55 0.00
POLETTI____ 23519	22.84 1.71 0.00	20.94 1.48 0.00	19.73 1.33 0.00	19.34 1.28 0.00	19.78 1.24 0.00	21.07 1.36 0.00	24.94 1.67 0.00	27.38 1.86 0.00	28.02 2.12 0.00	26.74 1.98 0.00	24.13 1.91 0.00	22.21 1.82 0.00	21.12 1.70 -0.51	19.89 1.64 -0.45	19.14 1.60 -0.02	19.08 1.64 -0.02	20.73 1.74 -0.02	24.32 1.97 0.00	29.01 2.30 0.00	33.13 2.60 0.00	33.72 2.53 0.00	30.35 2.09 0.00	25.65 1.77 0.00	22.80 1.57 0.00
POMONA___ESR 323819	22.59 1.46 0.00	20.77 1.30 0.00	19.60 1.20 0.00	19.21 1.16 0.00	19.69 1.15 0.00	20.99 1.28 0.00	24.77 1.51 0.00	27.15 1.63 0.00	27.66 1.76 0.00	26.49 1.73 0.00	23.86 1.64 0.00	21.96 1.57 0.00	20.38 1.48 0.00	19.21 1.41 0.00	18.88 1.35 0.00	18.82 1.39 0.00	20.46 1.50 0.00	24.05 1.70 0.00	28.69 1.98 0.00	32.73 2.20 0.00	33.31 2.12 0.00	30.09 1.84 0.00	25.36 1.48 0.00	22.54 1.32 0.00
PORT_JEFF_3 23555	26.31 2.32 -2.86	21.57 2.08 -0.02	20.35 1.93 -0.01	19.94 1.88 -0.01	20.40 1.85 -0.01	22.50 2.11 -0.68	25.82 2.54 -0.02	28.09 2.58 0.00	28.40 2.49 -0.02	27.41 2.65 0.00	24.75 2.51 -0.02	22.78 2.36 -0.02	21.01 2.10 0.00	19.71 1.91 0.00	19.44 1.91 0.00	19.48 2.06 0.00	21.24 2.26 -0.02	25.31 2.61 -0.34	29.64 2.91 -0.01	33.87 3.33 -0.01	34.51 3.30 -0.01	31.21 2.94 -0.01	26.15 2.27 0.00	24.21 2.21 -0.78
PORT_JEFF_4 23616	26.31 2.32 -2.86	21.57 2.08 -0.02	20.35 1.93 -0.01	19.94 1.88 -0.01	20.40 1.85 -0.01	22.50 2.11 -0.68	25.82 2.54 -0.02	28.09 2.58 0.00	28.40 2.49 -0.02	27.41 2.65 0.00	24.75 2.51 -0.02	22.78 2.36 -0.02	21.01 2.10 0.00	19.71 1.91 0.00	19.44 1.91 0.00	19.48 2.06 0.00	21.24 2.26 -0.02	25.31 2.61 -0.34	29.64 2.91 -0.01	33.87 3.33 -0.01	34.51 3.30 -0.01	31.21 2.94 -0.01	26.15 2.27 0.00	24.21 2.21 -0.78
PORT_JEFF_IC 23713	26.33 2.35 -2.86	21.59 2.10 -0.02	20.36 1.95 0.00	19.95 1.90 0.00	20.41 1.87 0.00	22.52 2.13 -0.68	25.84 2.56 -0.02	28.24 2.73 0.00	28.85 2.95 -0.01	27.41 2.65 0.00	24.77 2.53 -0.02	22.80 2.39 -0.02	21.02 2.12 0.00	19.73 1.92 0.00	19.49 1.96 0.00	19.52 2.09 0.00	21.26 2.28 -0.02	25.34 2.64 -0.34	29.67 2.94 -0.02	33.90 3.36 -0.02	34.54 3.34 -0.02	31.24 2.97 -0.02	26.34 2.46 0.00	24.23 2.23 -0.78



PPL PILGRIM_ST_GT1 24216	26.27 2.28 -2.86	21.53 2.04 -0.02	20.31 1.90 -0.01	19.91 1.84 -0.01	20.38 1.84 -0.01	22.40 2.03 -0.66	25.70 2.42 -0.02	28.01 2.50 0.00	28.34 2.43 -0.02	27.36 2.60 0.00	24.73 2.49 -0.02	22.76 2.34 -0.02	21.01 2.10 0.00	19.71 1.91 0.00	19.44 1.91 0.00	19.45 2.02 0.00	21.22 2.24 -0.02	25.27 2.57 -0.34	29.55 2.83 0.00	33.80 3.27 0.00	34.44 3.24 0.00	31.11 2.85 0.00	26.08 2.20 0.00	24.15 2.14 -0.78
PPL PILGRIM_ST_GT2 24217	26.27 2.28 -2.86	21.53 2.04 -0.02	20.31 1.90 -0.01	19.91 1.84 -0.01	20.38 1.84 -0.01	22.40 2.03 -0.66	25.70 2.42 -0.02	28.01 2.50 0.00	28.34 2.43 -0.02	27.36 2.60 0.00	24.73 2.49 -0.02	22.76 2.34 -0.02	21.01 2.10 0.00	19.71 1.91 0.00	19.44 1.91 0.00	19.45 2.02 0.00	21.22 2.24 -0.02	25.27 2.57 -0.34	29.55 2.83 0.00	33.80 3.27 0.00	34.44 3.24 0.00	31.11 2.85 0.00	26.08 2.20 0.00	24.15 2.14 -0.78
PPL_SHRM_GT3 24213	26.42 2.43 -2.86	21.68 2.20 -0.02	20.42 2.01 -0.01	20.03 1.97 -0.01	20.49 1.95 -0.01	22.71 2.32 -0.68	26.07 2.79 -0.02	28.32 2.81 0.00	28.50 2.59 -0.02	27.48 2.72 0.00	24.84 2.60 -0.02	22.84 2.43 -0.02	21.04 2.14 0.00	19.73 1.92 0.00	19.49 1.96 0.00	19.61 2.18 0.00	21.32 2.33 -0.02	25.42 2.73 -0.34	29.80 3.07 -0.01	34.08 3.54 -0.01	34.73 3.52 -0.01	31.41 3.14 -0.01	26.27 2.39 0.00	24.32 2.31 -0.78
PPL_SHRM_GT4 24214	26.42 2.43 -2.86	21.68 2.20 -0.02	20.42 2.01 -0.01	20.03 1.97 -0.01	20.49 1.95 -0.01	22.71 2.32 -0.68	26.07 2.79 -0.02	28.32 2.81 0.00	28.50 2.59 -0.02	27.48 2.72 0.00	24.84 2.60 -0.02	22.84 2.43 -0.02	21.04 2.14 0.00	19.73 1.92 0.00	19.49 1.96 0.00	19.61 2.18 0.00	21.32 2.33 -0.02	25.42 2.73 -0.34	29.80 3.07 -0.01	34.08 3.54 -0.01	34.73 3.52 -0.01	31.41 3.14 -0.01	26.27 2.39 0.00	24.32 2.31 -0.78
PROJECT___ORANGE 1 24174	21.19 0.06 0.00	19.46 0.00 0.00	18.44 0.04 0.00	18.09 0.04 0.00	18.58 0.04 0.00	19.73 0.02 0.00	23.26 0.00 0.00	25.54 0.03 0.00	25.79 -0.10 0.00	24.71 -0.05 0.00	22.22 0.00 0.00	20.37 -0.02 0.00	18.89 -0.02 0.00	17.79 -0.02 0.00	17.50 -0.04 0.00	17.39 -0.03 0.00	18.95 -0.02 0.00	22.29 -0.07 0.00	26.69 -0.03 0.00	30.53 0.00 0.00	31.22 0.03 0.00	28.31 0.06 0.00	24.00 0.12 0.00	21.33 0.11 0.00
PROJECT___ORANGE 2 24166	21.19 0.06 0.00	19.46 0.00 0.00	18.44 0.04 0.00	18.09 0.04 0.00	18.58 0.04 0.00	19.73 0.02 0.00	23.26 0.00 0.00	25.54 0.03 0.00	25.79 -0.10 0.00	24.71 -0.05 0.00	22.22 0.00 0.00	20.37 -0.02 0.00	18.89 -0.02 0.00	17.79 -0.02 0.00	17.50 -0.04 0.00	17.39 -0.03 0.00	18.95 -0.02 0.00	22.29 -0.07 0.00	26.69 -0.03 0.00	30.53 0.00 0.00	31.22 0.03 0.00	28.31 0.06 0.00	24.00 0.12 0.00	21.33 0.11 0.00
PUCKETT___SOLAR 323809	21.83 0.70 0.00	20.05 0.58 0.00	19.05 0.64 0.00	18.67 0.61 0.00	19.17 0.63 0.00	20.38 0.67 0.00	24.00 0.74 0.00	26.35 0.84 0.00	26.57 0.67 0.00	25.38 0.62 0.00	22.75 0.53 0.00	20.84 0.45 0.00	19.32 0.42 0.00	18.20 0.39 0.00	17.92 0.39 0.00	17.78 0.35 0.00	19.37 0.40 0.00	22.85 0.49 0.00	27.44 0.72 0.00	31.38 0.85 0.00	32.16 0.97 0.00	29.19 0.93 0.00	24.74 0.86 0.00	21.97 0.74 0.00
PYRITES___HYD 24023	20.05 -1.08 0.00	18.55 -0.91 0.00	17.54 -0.87 0.00	17.19 -0.87 0.00	17.69 -0.85 0.00	18.76 -0.95 0.00	22.28 -0.98 0.00	24.44 -1.07 0.00	24.78 -1.11 0.00	23.59 -1.16 0.00	20.98 -1.24 0.00	9.80 -1.16 9.43	6.85 -1.12 10.94	6.84 -1.03 9.93	5.13 -1.03 11.37	5.91 -1.05 10.47	9.12 -1.10 8.75	10.89 -1.16 10.30	15.21 -1.26 10.25	29.12 -1.40 0.01	29.91 -1.28 0.00	27.15 -1.10 0.00	22.78 -1.10 0.00	20.27 -0.96 0.00
QUAKERRD_115KV_BK1 80622	20.43 -0.70 0.00	18.74 -0.72 0.00	17.84 -0.57 0.00	17.50 -0.56 0.00	17.94 -0.59 0.00	19.00 -0.71 0.00	22.33 -0.93 0.00	24.47 -1.05 0.00	24.47 -1.42 0.00	23.62 -1.14 0.00	21.26 -0.96 0.00	19.56 -0.84 0.00	18.17 -0.74 0.00	17.09 -0.71 0.00	16.74 -0.79 0.00	16.71 -0.71 0.00	18.19 -0.78 0.00	21.33 -1.03 0.00	25.51 -1.20 0.00	29.19 -1.34 0.00	30.01 -1.19 0.00	27.15 -1.10 0.00	23.14 -0.74 0.00	20.63 -0.59 0.00
QUENSBRY_115KV_TB8 356137	21.95 0.82 0.00	20.16 0.70 0.00	18.98 0.57 0.00	18.61 0.56 0.00	19.17 0.63 0.00	20.42 0.71 0.00	24.12 0.86 0.00	26.41 0.89 0.00	27.03 1.14 0.00	25.80 1.04 0.00	23.06 0.84 0.00	21.11 0.71 0.00	19.51 0.61 0.00	18.25 0.45 0.00	17.97 0.44 0.00	17.90 0.47 0.00	19.54 0.57 0.00	23.18 0.83 0.00	27.78 1.07 0.00	31.90 1.37 0.00	32.53 1.34 0.00	29.47 1.22 0.00	24.79 0.91 0.00	22.01 0.79 0.00
RAMAPO___LBMP 323565	22.50 1.37 0.00	20.69 1.23 0.00	19.53 1.12 0.00	19.14 1.08 0.00	19.63 1.09 0.00	20.91 1.20 0.00	24.68 1.42 0.00	27.07 1.56 0.00	27.63 1.73 0.00	26.39 1.63 0.00	23.80 1.58 0.00	21.88 1.49 0.00	20.31 1.40 0.00	19.16 1.35 0.00	18.85 1.31 0.00	18.75 1.32 0.00	20.39 1.42 0.00	23.97 1.61 0.00	28.59 1.87 0.00	32.61 2.08 0.00	33.19 2.00 0.00	29.98 1.72 0.00	25.29 1.41 0.00	22.46 1.23 0.00
RANKINE____ 23646	20.83 -0.30 0.00	19.11 -0.35 0.00	18.37 -0.04 0.00	18.00 -0.05 0.00	18.46 -0.07 0.00	19.47 -0.24 0.00	22.66 -0.60 0.00	24.67 -0.84 0.00	24.37 -1.53 0.00	23.67 -1.09 0.00	21.46 -0.76 0.00	19.76 -0.63 0.00	18.42 -0.49 0.00	17.31 -0.50 0.00	16.83 -0.70 0.00	16.89 -0.54 0.00	18.36 -0.61 0.00	21.28 -1.07 0.00	25.49 -1.23 0.00	29.06 -1.47 0.00	30.04 -1.15 0.00	27.27 -0.99 0.00	23.50 -0.38 0.00	21.10 -0.13 0.00
RAVENSWOOD_GT2_1 24244	22.86 1.73 0.00	20.94 1.48 0.00	19.75 1.34 0.00	19.36 1.30 0.00	19.80 1.26 0.00	21.09 1.38 0.00	24.96 1.70 0.00	27.40 1.89 0.00	28.04 2.15 0.00	26.76 2.01 0.00	24.15 1.93 0.00	22.23 1.84 0.00	21.14 1.72 -0.52	19.91 1.66 -0.45	19.16 1.61 -0.02	19.08 1.64 -0.02	20.75 1.76 -0.02	24.32 1.97 0.00	29.04 2.32 0.00	33.16 2.63 0.00	33.75 2.56 0.00	30.38 2.12 0.00	25.67 1.79 0.00	22.80 1.57 0.00
RAVENSWOOD_GT2_2 24245	22.86 1.73 0.00	20.94 1.48 0.00	19.75 1.34 0.00	19.36 1.30 0.00	19.80 1.26 0.00	21.09 1.38 0.00	24.96 1.70 0.00	27.40 1.89 0.00	28.04 2.15 0.00	26.76 2.01 0.00	24.15 1.93 0.00	22.23 1.84 0.00	21.14 1.72 -0.52	19.91 1.66 -0.45	19.16 1.61 -0.02	19.08 1.64 -0.02	20.75 1.76 -0.02	24.32 1.97 0.00	29.04 2.32 0.00	33.16 2.63 0.00	33.75 2.56 0.00	30.38 2.12 0.00	25.67 1.79 0.00	22.80 1.57 0.00
RAVENSWOOD_GT2_3 24246	22.86 1.73 0.00	20.96 1.50 0.00	19.75 1.34 0.00	19.36 1.30 0.00	19.80 1.26 0.00	21.09 1.38 0.00	24.96 1.70 0.00	27.40 1.89 0.00	28.04 2.15 0.00	26.76 2.01 0.00	24.15 1.93 0.00	22.23 1.84 0.00	21.14 1.72 -0.52	19.91 1.66 -0.45	19.16 1.61 -0.02	19.08 1.64 -0.02	20.75 1.76 -0.02	24.32 1.97 0.00	29.04 2.32 0.00	33.16 2.63 0.00	33.75 2.56 0.00	30.38 2.12 0.00	25.67 1.79 0.00	22.80 1.57 0.00



RAVENSWOOD_GT2_4 24247	22.86 1.73 0.00	20.96 1.50 0.00	19.75 1.34 0.00	19.36 1.30 0.00	19.80 1.26 0.00	21.09 1.38 0.00	24.96 1.70 0.00	27.40 1.89 0.00	28.04 2.15 0.00	26.76 2.01 0.00	24.15 1.93 0.00	22.23 1.84 0.00	21.14 1.72 -0.52	19.91 1.66 -0.45	19.16 1.61 -0.02	19.08 1.64 -0.02	20.75 1.76 -0.02	24.32 1.97 0.00	29.04 2.32 0.00	33.16 2.63 0.00	33.75 2.56 0.00	30.38 2.12 0.00	25.67 1.79 0.00	22.80 1.57 0.00
RAVENSWOOD_GT3_1 24248	22.86 1.73 0.00	20.94 1.48 0.00	19.75 1.34 0.00	19.36 1.30 0.00	19.80 1.26 0.00	21.09 1.38 0.00	24.96 1.70 0.00	27.40 1.89 0.00	28.04 2.15 0.00	26.76 2.01 0.00	24.15 1.93 0.00	22.23 1.84 0.00	21.14 1.72 -0.52	19.91 1.66 -0.45	19.16 1.61 -0.02	19.08 1.64 -0.02	20.75 1.76 -0.02	24.32 1.97 0.00	29.04 2.32 0.00	33.16 2.63 0.00	33.75 2.56 0.00	30.38 2.12 0.00	25.67 1.79 0.00	22.80 1.57 0.00
RAVENSWOOD_GT3_2 24249	22.86 1.73 0.00	20.94 1.48 0.00	19.75 1.34 0.00	19.36 1.30 0.00	19.80 1.26 0.00	21.09 1.38 0.00	24.96 1.70 0.00	27.40 1.89 0.00	28.04 2.15 0.00	26.76 2.01 0.00	24.15 1.93 0.00	22.23 1.84 0.00	21.14 1.72 -0.52	19.91 1.66 -0.45	19.16 1.61 -0.02	19.08 1.64 -0.02	20.75 1.76 -0.02	24.32 1.97 0.00	29.04 2.32 0.00	33.16 2.63 0.00	33.75 2.56 0.00	30.38 2.12 0.00	25.67 1.79 0.00	22.80 1.57 0.00
RAVENSWOOD_GT3_3 24250	22.88 1.75 0.00	20.98 1.52 0.00	19.77 1.36 0.00	19.37 1.32 0.00	19.82 1.28 0.00	21.11 1.40 0.00	24.98 1.72 0.00	27.43 1.91 0.00	28.10 2.20 0.00	26.79 2.03 0.00	24.20 1.98 0.00	22.27 1.88 0.00	21.18 1.76 -0.52	19.93 1.67 -0.45	19.18 1.63 -0.02	19.12 1.67 -0.02	20.77 1.78 -0.02	24.37 2.01 0.00	29.07 2.35 0.00	33.22 2.69 0.00	33.78 2.59 0.00	30.40 2.15 0.00	25.70 1.82 0.00	22.84 1.61 0.00
RAVENSWOOD_GT3_4 24251	22.88 1.75 0.00	20.98 1.52 0.00	19.77 1.36 0.00	19.37 1.32 0.00	19.82 1.28 0.00	21.11 1.40 0.00	24.98 1.72 0.00	27.43 1.91 0.00	28.10 2.20 0.00	26.79 2.03 0.00	24.20 1.98 0.00	22.27 1.88 0.00	21.18 1.76 -0.52	19.93 1.67 -0.45	19.18 1.63 -0.02	19.12 1.67 -0.02	20.77 1.78 -0.02	24.37 2.01 0.00	29.07 2.35 0.00	33.22 2.69 0.00	33.78 2.59 0.00	30.40 2.15 0.00	25.70 1.82 0.00	22.84 1.61 0.00
RAVENSWOOD_GT_1 23729	22.93 1.80 0.00	20.98 1.52 0.00	19.77 1.36 0.00	19.37 1.32 0.00	19.82 1.28 0.00	21.09 1.38 0.00	24.98 1.72 0.00	27.45 1.94 0.00	28.12 2.23 0.00	26.81 2.05 0.00	24.22 2.00 0.00	22.29 1.90 0.00	21.18 1.76 -0.52	19.95 1.69 -0.45	19.21 1.67 -0.02	19.14 1.69 -0.02	20.80 1.82 -0.02	24.37 2.01 0.00	29.12 2.40 0.00	33.28 2.75 0.00	33.84 2.65 0.00	30.43 2.18 0.00	25.75 1.86 0.00	22.86 1.63 0.00
RAVENSWOOD_GT_10 24258	22.86 1.73 0.00	20.94 1.48 0.00	19.75 1.34 0.00	19.36 1.30 0.00	19.80 1.26 0.00	21.09 1.38 0.00	24.96 1.70 0.00	27.40 1.89 0.00	28.04 2.15 0.00	26.76 2.01 0.00	24.15 1.93 0.00	22.23 1.84 0.00	21.14 1.72 -0.52	19.91 1.66 -0.45	19.16 1.61 -0.02	19.08 1.64 -0.02	20.75 1.76 -0.02	24.32 1.97 0.00	29.04 2.32 0.00	33.16 2.63 0.00	33.75 2.56 0.00	30.38 2.12 0.00	25.67 1.79 0.00	22.80 1.57 0.00
RAVENSWOOD_GT_11 24259	22.86 1.73 0.00	20.94 1.48 0.00	19.75 1.34 0.00	19.36 1.30 0.00	19.80 1.26 0.00	21.09 1.38 0.00	24.96 1.70 0.00	27.40 1.89 0.00	28.04 2.15 0.00	26.76 2.01 0.00	24.15 1.93 0.00	22.23 1.84 0.00	21.14 1.72 -0.52	19.91 1.66 -0.45	19.16 1.61 -0.02	19.08 1.64 -0.02	20.75 1.76 -0.02	24.32 1.97 0.00	29.04 2.32 0.00	33.16 2.63 0.00	33.75 2.56 0.00	30.38 2.12 0.00	25.67 1.79 0.00	22.80 1.57 0.00
RAVENSWOOD_GT_4 24252	22.84 1.71 0.00	20.94 1.48 0.00	19.73 1.33 0.00	19.34 1.28 0.00	19.80 1.26 0.00	21.09 1.38 0.00	24.94 1.67 0.00	27.38 1.86 0.00	28.04 2.15 0.00	26.74 1.98 0.00	24.15 1.93 0.00	22.21 1.82 0.00	21.14 1.72 -0.52	19.89 1.64 -0.45	19.14 1.60 -0.02	19.08 1.64 -0.02	20.73 1.74 -0.02	24.32 1.97 0.00	29.01 2.30 0.00	33.13 2.60 0.00	33.72 2.53 0.00	30.38 2.12 0.00	25.65 1.77 0.00	22.80 1.57 0.00
RAVENSWOOD_GT_5 24254	22.84 1.71 0.00	20.94 1.48 0.00	19.73 1.33 0.00	19.34 1.28 0.00	19.80 1.26 0.00	21.09 1.38 0.00	24.94 1.67 0.00	27.38 1.86 0.00	28.04 2.15 0.00	26.74 1.98 0.00	24.15 1.93 0.00	22.21 1.82 0.00	21.14 1.72 -0.52	19.89 1.64 -0.45	19.14 1.60 -0.02	19.08 1.64 -0.02	20.73 1.74 -0.02	24.32 1.97 0.00	29.01 2.30 0.00	33.13 2.60 0.00	33.72 2.53 0.00	30.38 2.12 0.00	25.65 1.77 0.00	22.80 1.57 0.00
RAVENSWOOD_GT_6 24253	22.84 1.71 0.00	20.94 1.48 0.00	19.73 1.33 0.00	19.34 1.28 0.00	19.80 1.26 0.00	21.09 1.38 0.00	24.94 1.67 0.00	27.38 1.86 0.00	28.04 2.15 0.00	26.74 1.98 0.00	24.15 1.93 0.00	22.21 1.82 0.00	21.14 1.72 -0.52	19.89 1.64 -0.45	19.14 1.60 -0.02	19.08 1.64 -0.02	20.73 1.74 -0.02	24.32 1.97 0.00	29.01 2.30 0.00	33.13 2.60 0.00	33.72 2.53 0.00	30.38 2.12 0.00	25.65 1.77 0.00	22.80 1.57 0.00
RAVENSWOOD_GT_7 24255	22.84 1.71 0.00	20.94 1.48 0.00	19.73 1.33 0.00	19.34 1.28 0.00	19.80 1.26 0.00	21.09 1.38 0.00	24.94 1.67 0.00	27.38 1.86 0.00	28.04 2.15 0.00	26.74 1.98 0.00	24.15 1.93 0.00	22.21 1.82 0.00	21.14 1.72 -0.52	19.89 1.64 -0.45	19.14 1.60 -0.02	19.08 1.64 -0.02	20.73 1.74 -0.02	24.32 1.97 0.00	29.01 2.30 0.00	33.13 2.60 0.00	33.72 2.53 0.00	30.38 2.12 0.00	25.65 1.77 0.00	22.80 1.57 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	22.86 1.73 0.00	20.94 1.48 0.00	19.75 1.34 0.00	19.36 1.30 0.00	19.80 1.26 0.00	21.09 1.38 0.00	24.96 1.70 0.00	27.40 1.89 0.00	28.04 2.15 0.00	26.76 2.01 0.00	24.15 1.93 0.00	22.23 1.84 0.00	21.14 1.72 -0.52	19.91 1.66 -0.45	19.16 1.61 -0.02	19.08 1.64 -0.02	20.75 1.76 -0.02	24.32 1.97 0.00	29.04 2.32 0.00	33.16 2.63 0.00	33.75 2.56 0.00	30.38 2.12 0.00	25.67 1.79 0.00	22.80 1.57 0.00
RAVENSWOOD_GT_9 24257	22.86 1.73 0.00	20.94 1.48 0.00	19.75 1.34 0.00	19.36 1.30 0.00	19.80 1.26 0.00	21.09 1.38 0.00	24.96 1.70 0.00	27.40 1.89 0.00	28.04 2.15 0.00	26.76 2.01 0.00	24.15 1.93 0.00	22.23 1.84 0.00	21.14 1.72 -0.52	19.91 1.66 -0.45	19.16 1.61 -0.02	19.08 1.64 -0.02	20.75 1.76 -0.02	24.32 1.97 0.00	29.04 2.32 0.00	33.16 2.63 0.00	33.75 2.56 0.00	30.38 2.12 0.00	25.67 1.79 0.00	22.80 1.57 0.00
RAVENSWOOD___I 23533	22.93 1.79 0.00	20.98 1.52 0.00	19.77 1.36 0.00	19.37 1.32 0.00	19.82 1.28 0.00	21.09 1.38 0.00	24.98 1.72 0.00	27.43 1.91 0.00	28.02 2.12 0.00	26.81 2.05 0.00	24.22 2.00 0.00	22.29 1.90 0.00	21.18 1.76 -0.52	19.95 1.69 -0.45	19.18 1.63 -0.02	19.14 1.69 -0.02	20.80 1.82 -0.02	24.37 2.01 0.00	29.12 2.41 0.00	33.28 2.75 0.00	33.87 2.68 0.00	30.43 2.18 0.00	25.70 1.81 0.00	22.86 1.63 0.00



RAVENSWOOD___2 23534	22.93 1.79 0.00	20.98 1.52 0.00	19.77 1.36 0.00	19.37 1.32 0.00	19.82 1.28 0.00	21.09 1.38 0.00	24.98 1.72 0.00	27.43 1.91 0.00	28.02 2.12 0.00	26.81 2.05 0.00	24.22 2.00 0.00	22.29 1.90 0.00	21.18 1.76 -0.52	19.95 1.69 -0.45	19.18 1.63 -0.02	19.14 1.69 -0.02	20.80 1.82 -0.02	24.37 2.01 0.00	29.12 2.41 0.00	33.28 2.75 0.00	33.87 2.68 0.00	30.43 2.18 0.00	25.70 1.81 0.00	22.86 1.63 0.00
RAVENSWOOD___3 23535	22.86 1.73 0.00	20.96 1.50 0.00	19.75 1.34 0.00	19.36 1.30 0.00	19.80 1.26 0.00	21.09 1.38 0.00	24.96 1.70 0.00	27.37 1.86 0.00	27.94 2.05 0.00	26.76 2.00 0.00	24.15 1.93 0.00	22.23 1.84 0.00	21.14 1.72 -0.52	19.91 1.66 -0.45	19.12 1.58 -0.02	19.08 1.64 -0.02	20.75 1.76 -0.02	24.32 1.97 0.00	29.04 2.32 0.00	33.16 2.63 0.00	33.75 2.56 0.00	30.38 2.12 0.00	25.63 1.74 0.00	22.80 1.57 0.00
RAVENSWOOD___4 23820	22.93 1.79 0.00	20.98 1.52 0.00	19.77 1.36 0.00	19.37 1.32 0.00	19.82 1.28 0.00	21.09 1.38 0.00	24.98 1.72 0.00	27.43 1.91 0.00	28.02 2.12 0.00	26.81 2.05 0.00	24.22 2.00 0.00	22.29 1.90 0.00	21.18 1.76 -0.52	19.95 1.69 -0.45	19.18 1.63 -0.02	19.14 1.69 -0.02	20.80 1.82 -0.02	24.37 2.01 0.00	29.12 2.41 0.00	33.28 2.75 0.00	33.87 2.68 0.00	30.43 2.18 0.00	25.70 1.81 0.00	22.86 1.63 0.00
RCPI_TRUST___DRP 24196	22.88 1.75 0.00	20.96 1.50 0.00	19.77 1.36 0.00	19.37 1.32 0.00	19.80 1.26 0.00	21.11 1.40 0.00	24.96 1.70 0.00	27.40 1.89 0.00	28.07 2.18 0.00	26.76 2.01 0.00	24.18 1.96 0.00	22.25 1.86 0.00	21.19 1.78 -0.51	19.94 1.69 -0.44	19.18 1.63 -0.02	19.12 1.67 -0.02	20.77 1.78 -0.02	24.35 1.99 0.00	29.07 2.35 0.00	33.19 2.66 0.00	33.78 2.59 0.00	30.40 2.15 0.00	25.67 1.79 0.00	22.82 1.59 0.00
RED___ROCHESTER 323720	20.98 -0.15 0.00	19.23 -0.23 0.00	18.33 -0.07 0.00	17.97 -0.09 0.00	18.43 -0.11 0.00	19.49 -0.22 0.00	22.87 -0.40 0.00	25.13 -0.38 0.00	25.27 -0.62 0.00	24.16 -0.59 0.00	21.80 -0.42 0.00	20.05 -0.35 0.00	18.64 -0.26 0.00	17.52 -0.29 0.00	17.30 -0.23 0.00	17.13 -0.30 0.00	18.64 -0.32 0.00	21.84 -0.51 0.00	26.10 -0.61 0.00	29.86 -0.67 0.00	30.75 -0.44 0.00	27.83 -0.42 0.00	23.84 -0.05 0.00	21.21 -0.02 0.00
REGAN___SOLAR 323812	23.31 2.18 0.00	21.39 1.93 0.00	20.16 1.75 0.00	19.75 1.70 0.00	20.36 1.82 0.00	21.70 1.99 0.00	25.52 2.26 0.00	27.91 2.40 0.00	28.56 2.67 0.00	27.11 2.35 0.00	24.15 1.93 0.00	21.94 1.55 0.00	20.17 1.27 0.00	18.87 1.07 0.00	18.56 1.03 0.00	18.53 1.10 0.00	20.33 1.37 0.00	24.23 1.88 0.00	29.36 2.65 0.00	33.98 3.45 0.00	34.81 3.62 0.00	31.62 3.36 0.00	26.63 2.75 0.00	23.58 2.36 0.00
RENSSELAER___COGEN 23796	21.55 0.42 0.00	19.91 0.45 0.00	18.77 0.37 0.00	18.45 0.40 0.00	18.93 0.39 0.00	20.14 0.43 0.00	23.80 0.54 0.00	26.05 0.54 0.00	26.54 0.65 0.00	25.38 0.62 0.00	22.82 0.60 0.00	20.94 0.55 0.00	19.38 0.47 0.00	18.23 0.43 0.00	17.93 0.40 0.00	17.86 0.44 0.00	19.46 0.49 0.00	22.98 0.63 0.00	27.36 0.64 0.00	31.29 0.76 0.00	31.88 0.69 0.00	28.85 0.59 0.00	24.46 0.57 0.00	21.74 0.51 0.00
REPUBLIC_115KV_BARTNBRK 55605	22.65 1.52 0.00	20.73 1.27 0.00	19.49 1.09 0.00	19.10 1.05 0.00	19.72 1.19 0.00	20.99 1.28 0.00	24.84 1.58 0.00	27.17 1.66 0.00	27.91 2.02 0.00	26.59 1.83 0.00	23.66 1.44 0.00	21.60 1.20 0.00	19.91 1.00 0.00	18.53 0.73 0.00	18.23 0.70 0.00	18.16 0.73 0.00	19.90 0.93 0.00	23.68 1.32 0.00	28.51 1.79 0.00	32.88 2.35 0.00	33.59 2.40 0.00	30.40 2.15 0.00	25.53 1.65 0.00	22.67 1.44 0.00
REVERE_CPPR_DRP 24186	21.78 0.66 0.00	20.01 0.54 0.00	18.94 0.53 0.00	18.60 0.54 0.00	19.06 0.52 0.00	20.28 0.57 0.00	23.96 0.70 0.00	26.25 0.74 0.00	26.59 0.70 0.00	25.45 0.69 0.00	22.75 0.53 0.00	20.45 0.39 0.33	18.86 0.34 0.39	17.72 0.27 0.35	17.35 0.23 0.40	17.25 0.19 0.37	18.92 0.27 0.31	22.44 0.45 0.37	27.05 0.69 0.36	31.45 0.92 0.00	32.34 1.15 0.00	29.33 1.07 0.00	24.72 0.84 0.00	21.93 0.70 0.00
REYNOLDS_115KV_TB3 80639	21.72 0.59 0.00	20.07 0.60 0.00	18.92 0.52 0.00	18.58 0.52 0.00	19.08 0.54 0.00	20.30 0.59 0.00	23.96 0.70 0.00	26.25 0.74 0.00	26.78 0.88 0.00	25.57 0.82 0.00	22.98 0.76 0.00	21.09 0.69 0.00	19.53 0.62 0.00	18.37 0.57 0.00	18.11 0.58 0.00	18.02 0.59 0.00	19.59 0.63 0.00	23.16 0.80 0.00	27.60 0.88 0.00	31.54 1.01 0.00	32.13 0.94 0.00	29.10 0.85 0.00	24.60 0.72 0.00	21.86 0.64 0.00
RIVERBAY____ 323610	22.90 1.77 0.00	20.96 1.50 0.00	19.75 1.34 0.00	19.36 1.30 0.00	19.78 1.24 0.00	21.09 1.38 0.00	24.96 1.70 0.00	27.40 1.89 0.00	28.07 2.18 0.00	26.76 2.01 0.00	24.18 1.96 0.00	22.25 1.86 0.00	20.62 1.70 -0.01	19.47 1.66 -0.01	19.16 1.61 -0.02	19.10 1.66 -0.02	20.77 1.78 -0.02	24.32 1.97 0.00	29.07 2.35 0.00	33.22 2.69 0.00	33.81 2.62 0.00	30.38 2.12 0.00	25.70 1.82 0.00	22.84 1.61 0.00
RIVERSDE_115KV_TB3 55908	21.57 0.44 0.00	19.93 0.47 0.00	18.81 0.40 0.00	18.47 0.42 0.00	18.95 0.41 0.00	20.16 0.45 0.00	23.82 0.56 0.00	26.10 0.59 0.00	26.62 0.73 0.00	25.43 0.67 0.00	22.86 0.64 0.00	20.97 0.57 0.00	19.42 0.51 0.00	18.27 0.46 0.00	18.00 0.47 0.00	17.90 0.47 0.00	19.48 0.51 0.00	23.03 0.67 0.00	27.41 0.69 0.00	31.35 0.82 0.00	31.91 0.72 0.00	28.88 0.62 0.00	24.48 0.60 0.00	21.76 0.53 0.00
ROARING___BROOK_WT_PWR 323790	20.47 -0.66 0.00	18.94 -0.52 0.00	17.95 -0.46 0.00	17.60 -0.45 0.00	18.11 -0.43 0.00	19.28 -0.43 0.00	22.77 -0.49 0.00	25.00 -0.51 0.00	25.35 -0.55 0.00	24.14 -0.62 0.00	21.49 -0.73 0.00	0.00 -0.73 19.66	-4.59 -0.68 22.82	-3.57 -0.66 20.72	-6.85 -0.67 23.71	-5.07 -0.66 21.84	0.00 -0.72 18.25	0.00 -0.87 21.48	4.29 -1.04 21.38	29.39 -1.13 0.01	30.10 -1.09 0.00	27.30 -0.96 0.00	23.05 -0.84 0.00	20.50 -0.72 0.00
ROCHESRG_115KV_T4 355643	20.81 -0.32 0.00	19.07 -0.39 0.00	18.19 -0.22 0.00	17.84 -0.22 0.00	18.30 -0.24 0.00	19.35 -0.35 0.00	22.68 -0.58 0.00	24.82 -0.69 0.00	24.76 -1.14 0.00	23.92 -0.84 0.00	21.60 -0.62 0.00	19.86 -0.53 0.00	18.47 -0.43 0.00	17.36 -0.45 0.00	16.99 -0.54 0.00	16.99 -0.44 0.00	18.49 -0.47 0.00	21.64 -0.72 0.00	25.86 -0.85 0.00	29.55 -0.98 0.00	30.44 -0.75 0.00	27.55 -0.71 0.00	23.52 -0.36 0.00	21.04 -0.19 0.00
ROCHESTER_9_IC 23652	20.90 -0.23 0.00	19.15 -0.31 0.00	18.26 -0.15 0.00	17.91 -0.14 0.00	18.37 -0.17 0.00	19.43 -0.28 0.00	22.80 -0.47 0.00	24.95 -0.56 0.00	24.88 -1.01 0.00	24.06 -0.69 0.00	21.71 -0.51 0.00	19.97 -0.43 0.00	18.57 -0.34 0.00	17.45 -0.36 0.00	17.07 -0.46 0.00	17.06 -0.37 0.00	18.57 -0.40 0.00	21.75 -0.60 0.00	25.99 -0.72 0.00	29.74 -0.79 0.00	30.63 -0.56 0.00	27.72 -0.54 0.00	23.64 -0.24 0.00	21.12 -0.11 0.00



ROCKVIEW_13_KV_LD 356306	22.80 1.67 0.00	20.92 1.46 0.00	19.73 1.33 0.00	19.34 1.28 0.00	19.80 1.26 0.00	21.11 1.40 0.00	24.94 1.67 0.00	27.38 1.86 0.00	28.02 2.12 0.00	26.74 1.98 0.00	24.11 1.89 0.00	22.19 1.79 0.00	20.59 1.68 0.00	19.42 1.62 0.00	19.11 1.58 0.00	19.03 1.60 0.00	20.69 1.73 0.00	24.30 1.95 0.00	28.99 2.27 0.00	33.13 2.60 0.00	33.69 2.50 0.00	30.35 2.09 0.00	25.60 1.72 0.00	22.75 1.53 0.00
ROME____115KV_TB2 80656	21.78 0.66 0.00	20.01 0.54 0.00	18.94 0.53 0.00	18.60 0.54 0.00	19.06 0.52 0.00	20.28 0.57 0.00	23.96 0.70 0.00	26.25 0.74 0.00	26.59 0.70 0.00	25.45 0.69 0.00	22.75 0.53 0.00	20.45 0.39 0.33	18.86 0.34 0.39	17.72 0.27 0.35	17.35 0.23 0.40	17.25 0.19 0.37	18.92 0.27 0.31	22.44 0.45 0.37	27.05 0.69 0.36	31.45 0.92 0.00	32.34 1.15 0.00	29.33 1.07 0.00	24.72 0.84 0.00	21.93 0.70 0.00
ROSETON___1 23587	22.44 1.31 0.00	20.65 1.19 0.00	19.47 1.07 0.00	19.10 1.05 0.00	19.58 1.04 0.00	20.85 1.14 0.00	24.61 1.35 0.00	26.97 1.45 0.00	27.47 1.58 0.00	26.32 1.56 0.00	23.71 1.49 0.00	21.80 1.41 0.00	20.23 1.32 0.00	19.07 1.26 0.00	18.74 1.21 0.00	18.70 1.27 0.00	20.31 1.35 0.00	23.90 1.54 0.00	28.51 1.79 0.00	32.54 2.01 0.00	33.12 1.93 0.00	29.92 1.67 0.00	25.22 1.34 0.00	22.41 1.19 0.00
ROSETON___2 23588	22.44 1.31 0.00	20.65 1.19 0.00	19.47 1.07 0.00	19.10 1.05 0.00	19.58 1.04 0.00	20.85 1.14 0.00	24.61 1.35 0.00	26.97 1.45 0.00	27.47 1.58 0.00	26.32 1.56 0.00	23.71 1.49 0.00	21.80 1.41 0.00	20.23 1.32 0.00	19.07 1.26 0.00	18.74 1.21 0.00	18.70 1.27 0.00	20.31 1.35 0.00	23.90 1.54 0.00	28.51 1.79 0.00	32.54 2.01 0.00	33.12 1.93 0.00	29.92 1.67 0.00	25.22 1.34 0.00	22.41 1.19 0.00
ROTTDAM_115KV_TB3 80664	21.81 0.68 0.00	20.09 0.62 0.00	18.94 0.53 0.00	18.60 0.54 0.00	19.09 0.56 0.00	20.32 0.61 0.00	23.98 0.72 0.00	26.28 0.77 0.00	26.78 0.88 0.00	25.57 0.82 0.00	22.95 0.73 0.00	21.07 0.67 0.00	19.51 0.61 0.00	18.36 0.55 0.00	18.07 0.54 0.00	17.99 0.56 0.00	19.57 0.61 0.00	23.12 0.76 0.00	27.62 0.91 0.00	31.60 1.07 0.00	32.22 1.03 0.00	29.19 0.93 0.00	24.62 0.74 0.00	21.88 0.66 0.00
RUSSELL___1 23602	20.98 -0.15 0.00	19.23 -0.23 0.00	18.33 -0.07 0.00	17.96 -0.09 0.00	18.43 -0.11 0.00	19.49 -0.22 0.00	22.87 -0.40 0.00	25.08 -0.43 0.00	24.99 -0.91 0.00	24.16 -0.59 0.00	21.80 -0.42 0.00	20.05 -0.35 0.00	18.64 -0.26 0.00	17.52 -0.28 0.00	17.14 -0.39 0.00	17.13 -0.30 0.00	18.64 -0.32 0.00	21.84 -0.51 0.00	26.10 -0.61 0.00	29.86 -0.67 0.00	30.78 -0.41 0.00	27.83 -0.42 0.00	23.76 -0.12 0.00	21.21 -0.02 0.00
RUSSELL___2 23532	20.98 -0.15 0.00	19.23 -0.23 0.00	18.33 -0.07 0.00	17.96 -0.09 0.00	18.43 -0.11 0.00	19.49 -0.22 0.00	22.87 -0.40 0.00	25.08 -0.43 0.00	24.99 -0.91 0.00	24.16 -0.59 0.00	21.80 -0.42 0.00	20.05 -0.35 0.00	18.64 -0.26 0.00	17.52 -0.28 0.00	17.14 -0.39 0.00	17.13 -0.30 0.00	18.64 -0.32 0.00	21.84 -0.51 0.00	26.10 -0.61 0.00	29.86 -0.67 0.00	30.78 -0.41 0.00	27.83 -0.42 0.00	23.76 -0.12 0.00	21.21 -0.02 0.00
RUSSELL___3 23549	20.98 -0.15 0.00	19.23 -0.23 0.00	18.33 -0.07 0.00	17.96 -0.09 0.00	18.43 -0.11 0.00	19.49 -0.22 0.00	22.87 -0.40 0.00	25.08 -0.43 0.00	24.99 -0.91 0.00	24.16 -0.59 0.00	21.80 -0.42 0.00	20.05 -0.35 0.00	18.64 -0.26 0.00	17.52 -0.28 0.00	17.14 -0.39 0.00	17.13 -0.30 0.00	18.64 -0.32 0.00	21.84 -0.51 0.00	26.10 -0.61 0.00	29.86 -0.67 0.00	30.78 -0.41 0.00	27.83 -0.42 0.00	23.76 -0.12 0.00	21.21 -0.02 0.00
RUSSELL___4 23556	20.98 -0.15 0.00	19.23 -0.23 0.00	18.33 -0.07 0.00	17.96 -0.09 0.00	18.43 -0.11 0.00	19.49 -0.22 0.00	22.87 -0.40 0.00	25.08 -0.43 0.00	24.99 -0.91 0.00	24.16 -0.59 0.00	21.80 -0.42 0.00	20.05 -0.35 0.00	18.64 -0.26 0.00	17.52 -0.28 0.00	17.14 -0.39 0.00	17.13 -0.30 0.00	18.64 -0.32 0.00	21.84 -0.51 0.00	26.10 -0.61 0.00	29.86 -0.67 0.00	30.78 -0.41 0.00	27.83 -0.42 0.00	23.76 -0.12 0.00	21.21 -0.02 0.00
RUSSELL___STATION 23914	20.98 -0.15 0.00	19.23 -0.23 0.00	18.33 -0.07 0.00	17.96 -0.09 0.00	18.43 -0.11 0.00	19.49 -0.22 0.00	22.87 -0.40 0.00	25.08 -0.43 0.00	24.99 -0.91 0.00	24.16 -0.59 0.00	21.80 -0.42 0.00	20.05 -0.35 0.00	18.64 -0.26 0.00	17.52 -0.28 0.00	17.14 -0.39 0.00	17.13 -0.30 0.00	18.64 -0.32 0.00	21.84 -0.51 0.00	26.10 -0.61 0.00	29.86 -0.67 0.00	30.78 -0.41 0.00	27.83 -0.42 0.00	23.76 -0.12 0.00	21.21 -0.02 0.00
S SALMON___HYD 24043	20.85 -0.28 0.00	19.17 -0.29 0.00	18.15 -0.26 0.00	17.80 -0.25 0.00	18.28 -0.26 0.00	19.43 -0.28 0.00	22.89 -0.37 0.00	25.13 -0.38 0.00	25.40 -0.49 0.00	24.29 -0.47 0.00	21.78 -0.44 0.00	19.09 -0.47 0.84	17.50 -0.43 0.97	16.51 -0.41 0.88	16.10 -0.42 1.01	16.06 -0.44 0.93	17.72 -0.47 0.78	20.93 -0.51 0.91	25.32 -0.48 0.91	30.07 -0.46 0.00	30.94 -0.25 0.00	28.03 -0.23 0.00	23.69 -0.19 0.00	21.04 -0.19 0.00
S.PERRY__115KV_TB1 80734	21.55 0.42 0.00	19.72 0.25 0.00	18.83 0.42 0.00	18.47 0.42 0.00	18.96 0.43 0.00	20.08 0.37 0.00	23.56 0.30 0.00	25.84 0.33 0.00	25.58 -0.31 0.00	24.61 -0.15 0.00	22.06 -0.16 0.00	20.23 -0.16 0.00	18.77 -0.13 0.00	17.63 -0.18 0.00	17.23 -0.30 0.00	17.20 -0.23 0.00	18.76 -0.21 0.00	22.04 -0.31 0.00	26.56 -0.16 0.00	30.53 0.00 0.00	31.60 0.41 0.00	28.62 0.37 0.00	24.48 0.60 0.00	21.82 0.59 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	20.62 -0.51 0.00	18.92 -0.54 0.00	18.19 -0.22 0.00	17.80 -0.25 0.00	18.26 -0.28 0.00	19.26 -0.45 0.00	22.38 -0.88 0.00	24.34 -1.17 0.00	24.03 -1.86 0.00	23.37 -1.39 0.00	21.22 -1.00 0.00	19.58 -0.82 0.00	18.23 -0.68 0.00	17.13 -0.68 0.00	16.67 -0.86 0.00	16.75 -0.68 0.00	18.21 -0.76 0.00	21.10 -1.25 0.00	25.22 -1.50 0.00	28.76 -1.77 0.00	29.72 -1.47 0.00	26.96 -1.30 0.00	23.24 -0.64 0.00	20.91 -0.32 0.00
SAWYER___23_KV_LOAD 55526	20.62 -0.51 0.00	18.92 -0.54 0.00	18.19 -0.22 0.00	17.80 -0.25 0.00	18.26 -0.28 0.00	19.26 -0.45 0.00	22.38 -0.88 0.00	24.34 -1.17 0.00	24.03 -1.86 0.00	23.37 -1.39 0.00	21.22 -1.00 0.00	19.58 -0.82 0.00	18.23 -0.68 0.00	17.13 -0.68 0.00	16.67 -0.86 0.00	16.75 -0.68 0.00	18.21 -0.76 0.00	21.10 -1.25 0.00	25.22 -1.50 0.00	28.76 -1.77 0.00	29.72 -1.47 0.00	26.96 -1.30 0.00	23.24 -0.64 0.00	20.91 -0.32 0.00
SELKIRK___I 23801	21.70 0.57 0.00	20.01 0.54 0.00	18.88 0.48 0.00	18.54 0.49 0.00	19.04 0.50 0.00	20.26 0.55 0.00	23.91 0.65 0.00	26.18 0.66 0.00	26.62 0.72 0.00	25.40 0.64 0.00	22.78 0.56 0.00	20.86 0.47 0.00	19.30 0.40 0.00	18.16 0.36 0.00	17.90 0.37 0.00	17.83 0.40 0.00	19.44 0.47 0.00	23.01 0.65 0.00	27.46 0.75 0.00	31.42 0.89 0.00	32.03 0.84 0.00	29.02 0.76 0.00	24.58 0.69 0.00	21.84 0.62 0.00



SELKIRK___II 23799	21.66 0.53 0.00	19.99 0.53 0.00	18.85 0.44 0.00	18.51 0.45 0.00	19.00 0.46 0.00	20.22 0.51 0.00	23.86 0.60 0.00	26.15 0.64 0.00	26.62 0.72 0.00	25.45 0.69 0.00	22.86 0.64 0.00	20.99 0.59 0.00	19.44 0.53 0.00	18.29 0.48 0.00	18.00 0.47 0.00	17.92 0.49 0.00	19.52 0.55 0.00	23.05 0.69 0.00	27.46 0.75 0.00	31.42 0.89 0.00	32.00 0.81 0.00	28.96 0.71 0.00	24.53 0.65 0.00	21.80 0.57 0.00
SENECA OSWGO___HYD 24041	20.88 -0.25 0.00	19.19 -0.27 0.00	18.19 -0.22 0.00	17.82 -0.24 0.00	18.32 -0.22 0.00	19.45 -0.26 0.00	22.94 -0.33 0.00	25.21 -0.31 0.00	25.51 -0.39 0.00	24.39 -0.37 0.00	21.91 -0.31 0.00	20.07 -0.33 0.00	18.62 -0.28 0.00	17.52 -0.29 0.00	17.27 -0.26 0.00	17.13 -0.30 0.00	18.66 -0.30 0.00	21.98 -0.38 0.00	26.32 -0.40 0.00	30.10 -0.43 0.00	30.82 -0.37 0.00	27.92 -0.34 0.00	23.67 -0.22 0.00	21.01 -0.21 0.00
SENECA___115KV_TB3 355854	20.85 -0.27 0.00	19.13 -0.33 0.00	18.41 0.00 0.00	18.02 -0.04 0.00	18.50 -0.04 0.00	19.51 -0.20 0.00	22.68 -0.58 0.00	24.70 -0.82 0.00	24.42 -1.48 0.00	23.72 -1.04 0.00	21.51 -0.71 0.00	19.80 -0.59 0.00	18.43 -0.47 0.00	17.32 -0.48 0.00	16.85 -0.68 0.00	16.91 -0.52 0.00	18.38 -0.59 0.00	21.31 -1.05 0.00	25.51 -1.20 0.00	29.10 -1.43 0.00	30.10 -1.09 0.00	27.32 -0.93 0.00	23.52 -0.36 0.00	21.14 -0.08 0.00
SENECA___ENERGY 23797	21.11 -0.02 0.00	19.37 -0.10 0.00	18.41 0.00 0.00	18.06 0.00 0.00	18.54 0.00 0.00	19.69 -0.02 0.00	23.19 -0.07 0.00	25.49 -0.03 0.00	25.69 -0.21 0.00	24.56 -0.20 0.00	22.07 -0.15 0.00	20.21 -0.18 0.00	18.76 -0.15 0.00	17.66 -0.14 0.00	17.39 -0.14 0.00	17.27 -0.16 0.00	18.80 -0.17 0.00	22.11 -0.25 0.00	26.50 -0.21 0.00	30.32 -0.21 0.00	31.10 -0.09 0.00	28.17 -0.08 0.00	23.98 0.10 0.00	21.29 0.06 0.00
SHOEMAKER___GT 23640	22.35 1.23 0.00	20.55 1.09 0.00	19.40 0.99 0.00	19.03 0.97 0.00	19.50 0.96 0.00	20.77 1.06 0.00	24.52 1.26 0.00	26.84 1.33 0.00	27.29 1.40 0.00	26.17 1.41 0.00	23.55 1.33 0.00	21.64 1.24 0.00	20.06 1.15 0.00	18.91 1.10 0.00	18.60 1.07 0.00	18.53 1.10 0.00	20.14 1.18 0.00	23.72 1.36 0.00	28.32 1.60 0.00	32.33 1.80 0.00	32.94 1.75 0.00	29.78 1.52 0.00	25.15 1.26 0.00	22.33 1.10 0.00
SHOEMAKR_138KV_BK 111 55601	22.35 1.23 0.00	20.55 1.09 0.00	19.40 0.99 0.00	19.03 0.97 0.00	19.50 0.96 0.00	20.77 1.06 0.00	24.52 1.26 0.00	26.87 1.35 0.00	27.37 1.48 0.00	26.17 1.41 0.00	23.55 1.33 0.00	21.66 1.26 0.00	20.08 1.17 0.00	18.93 1.12 0.00	18.63 1.10 0.00	18.54 1.12 0.00	20.16 1.19 0.00	23.72 1.36 0.00	28.32 1.60 0.00	32.33 1.80 0.00	32.94 1.75 0.00	29.78 1.53 0.00	25.15 1.27 0.00	22.33 1.10 0.00
SHOREHAM_IC_1 23715	26.42 2.43 -2.86	21.68 2.20 -0.02	20.42 2.01 -0.01	20.03 1.97 -0.01	20.49 1.95 -0.01	22.71 2.32 -0.68	26.07 2.79 -0.02	28.32 2.81 0.00	28.50 2.59 -0.02	27.48 2.72 0.00	24.84 2.60 -0.02	22.84 2.43 -0.02	21.04 2.14 0.00	19.73 1.92 0.00	19.49 1.96 0.00	19.61 2.18 0.00	21.32 2.33 -0.02	25.42 2.73 -0.34	29.80 3.07 -0.01	34.08 3.54 -0.01	34.73 3.52 -0.01	31.41 3.14 -0.01	26.27 2.39 0.00	24.32 2.31 -0.78
SHOREHAM_IC_2 23716	26.42 2.43 -2.86	21.68 2.20 -0.02	20.42 2.01 -0.01	20.03 1.97 -0.01	20.49 1.95 -0.01	22.71 2.32 -0.68	26.07 2.79 -0.02	28.32 2.81 0.00	28.50 2.59 -0.02	27.48 2.72 0.00	24.84 2.60 -0.02	22.84 2.43 -0.02	21.04 2.14 0.00	19.73 1.92 0.00	19.49 1.96 0.00	19.61 2.18 0.00	21.32 2.33 -0.02	25.42 2.73 -0.34	29.80 3.07 -0.01	34.08 3.54 -0.01	34.73 3.52 -0.01	31.41 3.14 -0.01	26.27 2.39 0.00	24.32 2.31 -0.78
SISSONVILLE____ 23735	19.65 -1.48 0.00	18.18 -1.28 0.00	17.19 -1.21 0.00	16.85 -1.21 0.00	17.33 -1.20 0.00	18.39 -1.32 0.00	21.82 -1.44 0.00	23.96 -1.56 0.00	24.26 -1.63 0.00	23.10 -1.66 0.00	20.55 -1.67 0.00	9.70 -1.53 9.17	6.81 -1.46 10.64	6.79 -1.35 9.66	5.12 -1.35 11.06	5.90 -1.34 10.18	9.02 -1.44 8.51	10.75 -1.59 10.02	14.93 -1.82 9.97	28.48 -2.05 0.01	29.26 -1.93 0.00	26.53 -1.72 0.00	22.28 -1.60 0.00	19.83 -1.40 0.00
SITHE_IND_GS1 24169	20.71 -0.42 0.00	19.04 -0.43 0.00	18.04 -0.37 0.00	17.69 -0.36 0.00	18.17 -0.37 0.00	19.29 -0.41 0.00	22.75 -0.51 0.00	24.95 -0.56 0.00	25.27 -0.62 0.00	24.16 -0.59 0.00	21.71 -0.51 0.00	19.93 -0.47 0.00	18.49 -0.42 0.00	17.40 -0.41 0.00	17.14 -0.39 0.00	17.03 -0.40 0.00	18.53 -0.44 0.00	21.82 -0.54 0.00	26.10 -0.61 0.00	29.83 -0.70 0.00	30.50 -0.69 0.00	27.66 -0.59 0.00	23.43 -0.45 0.00	20.82 -0.40 0.00
SITHE_IND_GS2 24170	20.71 -0.42 0.00	19.04 -0.43 0.00	18.04 -0.37 0.00	17.69 -0.36 0.00	18.17 -0.37 0.00	19.29 -0.41 0.00	22.75 -0.51 0.00	24.95 -0.56 0.00	25.27 -0.62 0.00	24.16 -0.59 0.00	21.71 -0.51 0.00	19.93 -0.47 0.00	18.49 -0.42 0.00	17.40 -0.41 0.00	17.14 -0.39 0.00	17.03 -0.40 0.00	18.53 -0.44 0.00	21.82 -0.54 0.00	26.10 -0.61 0.00	29.83 -0.70 0.00	30.50 -0.69 0.00	27.66 -0.59 0.00	23.43 -0.45 0.00	20.82 -0.40 0.00
SITHE_IND_GS3 24171	20.71 -0.42 0.00	19.04 -0.43 0.00	18.04 -0.37 0.00	17.69 -0.36 0.00	18.17 -0.37 0.00	19.29 -0.41 0.00	22.75 -0.51 0.00	24.95 -0.56 0.00	25.27 -0.62 0.00	24.16 -0.59 0.00	21.71 -0.51 0.00	19.93 -0.47 0.00	18.49 -0.42 0.00	17.40 -0.41 0.00	17.14 -0.39 0.00	17.03 -0.40 0.00	18.53 -0.44 0.00	21.82 -0.54 0.00	26.10 -0.61 0.00	29.83 -0.70 0.00	30.50 -0.69 0.00	27.66 -0.59 0.00	23.43 -0.45 0.00	20.82 -0.40 0.00
SITHE_IND_GS4 24172	20.71 -0.42 0.00	19.04 -0.43 0.00	18.04 -0.37 0.00	17.69 -0.36 0.00	18.17 -0.37 0.00	19.29 -0.41 0.00	22.75 -0.51 0.00	24.95 -0.56 0.00	25.27 -0.62 0.00	24.16 -0.59 0.00	21.71 -0.51 0.00	19.93 -0.47 0.00	18.49 -0.42 0.00	17.40 -0.41 0.00	17.14 -0.39 0.00	17.03 -0.40 0.00	18.53 -0.44 0.00	21.82 -0.54 0.00	26.10 -0.61 0.00	29.83 -0.70 0.00	30.50 -0.69 0.00	27.66 -0.59 0.00	23.43 -0.45 0.00	20.82 -0.40 0.00
SITHE___BATAVIA 24024	20.96 -0.17 0.00	19.19 -0.27 0.00	18.39 -0.02 0.00	18.04 -0.02 0.00	18.48 -0.06 0.00	19.49 -0.22 0.00	22.77 -0.49 0.00	24.98 -0.54 0.00	25.01 -0.88 0.00	23.89 -0.87 0.00	21.60 -0.62 0.00	19.86 -0.53 0.00	18.47 -0.43 0.00	17.34 -0.46 0.00	17.13 -0.40 0.00	16.96 -0.47 0.00	18.46 -0.51 0.00	21.53 -0.83 0.00	25.75 -0.96 0.00	29.49 -1.04 0.00	30.47 -0.72 0.00	27.61 -0.65 0.00	23.79 -0.10 0.00	21.23 0.00 0.00
SITHE___INDEPEND 23800	20.71 -0.42 0.00	19.04 -0.43 0.00	18.04 -0.37 0.00	17.69 -0.36 0.00	18.17 -0.37 0.00	19.30 -0.41 0.00	22.75 -0.51 0.00	24.95 -0.56 0.00	25.22 -0.67 0.00	24.16 -0.59 0.00	21.71 -0.51 0.00	19.93 -0.47 0.00	18.49 -0.42 0.00	17.39 -0.41 0.00	17.11 -0.42 0.00	17.03 -0.40 0.00	18.53 -0.44 0.00	21.82 -0.54 0.00	26.10 -0.61 0.00	29.83 -0.70 0.00	30.54 -0.65 0.00	27.66 -0.59 0.00	23.43 -0.45 0.00	20.82 -0.40 0.00



SITHE___MASSENA 23902	20.41 -0.72 0.00	18.88 -0.58 0.00	17.85 -0.55 0.00	17.51 -0.54 0.00	18.02 -0.52 0.00	19.12 -0.59 0.00	22.63 -0.63 0.00	24.85 -0.66 0.00	25.17 -0.72 0.00	24.02 -0.74 0.00	21.44 -0.78 0.00	8.58 -0.69 11.12	5.34 -0.66 12.91	5.48 -0.61 11.72	3.50 -0.61 13.41	4.46 -0.61 12.35	8.00 -0.64 10.32	9.49 -0.72 12.15	13.76 -0.86 12.10	29.52 -1.01 0.01	30.26 -0.93 0.00	27.44 -0.82 0.00	23.12 -0.77 0.00	20.59 -0.64 0.00
SITHE___OGDNSBRG 24021	20.26 -0.87 0.00	18.72 -0.74 0.00	17.72 -0.68 0.00	17.37 -0.69 0.00	17.87 -0.67 0.00	18.96 -0.75 0.00	22.52 -0.74 0.00	24.70 -0.82 0.00	25.01 -0.88 0.00	23.82 -0.94 0.00	21.20 -1.02 0.00	9.53 -0.94 9.93	6.48 -0.91 11.52	6.51 -0.84 10.46	4.72 -0.84 11.97	5.55 -0.85 11.03	8.86 -0.89 9.21	10.57 -0.94 10.85	14.90 -1.02 10.80	29.39 -1.13 0.01	30.19 -1.00 0.00	27.38 -0.88 0.00	23.02 -0.86 0.00	20.48 -0.74 0.00
SITHE___STERLING 23777	21.72 0.59 0.00	19.95 0.49 0.00	18.88 0.48 0.00	18.52 0.47 0.00	19.02 0.48 0.00	20.22 0.51 0.00	23.89 0.63 0.00	26.20 0.69 0.00	26.57 0.67 0.00	25.40 0.64 0.00	22.75 0.53 0.00	20.80 0.41 0.00	19.27 0.36 0.00	18.11 0.30 0.00	17.81 0.28 0.00	17.65 0.23 0.00	19.27 0.30 0.00	22.78 0.42 0.00	27.36 0.64 0.00	31.35 0.82 0.00	32.16 0.97 0.00	29.16 0.90 0.00	24.62 0.74 0.00	21.86 0.64 0.00
SLEIGHT__34_KV_TB1 80719	20.83 -0.30 0.00	19.09 -0.37 0.00	18.15 -0.26 0.00	17.80 -0.25 0.00	18.28 -0.26 0.00	19.39 -0.32 0.00	22.80 -0.47 0.00	25.05 -0.46 0.00	25.09 -0.80 0.00	24.16 -0.59 0.00	21.75 -0.47 0.00	19.97 -0.43 0.00	18.53 -0.38 0.00	17.43 -0.37 0.00	17.09 -0.44 0.00	17.05 -0.38 0.00	18.57 -0.40 0.00	21.80 -0.56 0.00	26.10 -0.61 0.00	29.86 -0.67 0.00	30.66 -0.53 0.00	27.78 -0.48 0.00	23.64 -0.24 0.00	21.06 -0.17 0.00
SOUTH CAIRO___GT 23612	22.14 1.01 0.00	20.40 0.93 0.00	19.25 0.85 0.00	18.87 0.81 0.00	19.39 0.85 0.00	20.62 0.91 0.00	24.45 1.19 0.00	26.66 1.15 0.00	27.11 1.22 0.00	25.85 1.09 0.00	23.06 0.84 0.00	21.11 0.71 0.00	19.44 0.53 0.00	18.29 0.48 0.00	18.02 0.49 0.00	17.93 0.51 0.00	19.61 0.64 0.00	23.32 0.96 0.00	27.89 1.18 0.00	32.06 1.53 0.00	32.69 1.50 0.00	29.67 1.41 0.00	25.17 1.29 0.00	22.29 1.06 0.00
SOUTH HAMPTN___IC 23720	26.69 2.71 -2.86	21.94 2.45 -0.02	20.68 2.26 -0.01	20.27 2.20 -0.01	20.71 2.17 -0.01	22.93 2.54 -0.68	26.33 3.05 -0.02	28.57 3.06 0.00	28.81 2.90 -0.02	27.78 3.02 0.00	25.15 2.91 -0.02	23.13 2.71 -0.02	21.27 2.36 0.00	19.94 2.14 0.00	19.69 2.16 0.00	19.80 2.37 0.00	21.55 2.56 -0.02	25.72 3.02 -0.34	30.18 3.45 -0.01	34.54 4.00 -0.01	35.20 3.99 -0.01	31.80 3.53 -0.01	26.58 2.70 0.00	24.61 2.61 -0.78
SOUTHDOW__115KV_TB1 355954	21.34 0.21 0.00	19.60 0.14 0.00	18.92 0.52 0.00	18.52 0.47 0.00	19.06 0.52 0.00	20.16 0.45 0.00	23.45 0.19 0.00	25.69 0.18 0.00	25.40 -0.49 0.00	24.58 -0.17 0.00	22.20 -0.02 0.00	20.29 -0.10 0.00	18.85 -0.06 0.00	17.70 -0.11 0.00	17.14 -0.39 0.00	17.17 -0.26 0.00	18.68 -0.28 0.00	21.69 -0.67 0.00	26.05 -0.67 0.00	29.86 -0.67 0.00	31.00 -0.19 0.00	28.23 -0.03 0.00	24.34 0.45 0.00	21.76 0.53 0.00
SOUTHOLD_69_KV_BK 2 55809	27.07 3.08 -2.86	22.27 2.78 -0.02	20.98 2.58 0.00	20.56 2.51 0.00	21.02 2.48 0.00	23.29 2.90 -0.68	26.70 3.42 -0.02	29.11 3.60 0.00	29.73 3.83 -0.01	28.20 3.44 0.00	25.53 3.29 -0.02	23.45 3.04 -0.02	21.55 2.65 0.00	20.19 2.39 0.00	19.97 2.44 0.00	20.04 2.61 0.00	21.85 2.86 -0.02	26.10 3.40 -0.34	30.71 3.98 -0.01	35.12 4.58 -0.01	35.82 4.62 -0.01	32.40 4.13 -0.01	27.18 3.30 0.00	25.00 2.99 -0.78
SOUTHOLD___IC 23719	27.07 3.08 -2.86	22.27 2.78 -0.02	20.99 2.58 -0.01	20.57 2.51 -0.01	21.03 2.48 -0.01	23.27 2.88 -0.68	26.70 3.42 -0.02	28.96 3.44 0.00	29.25 3.34 -0.02	28.20 3.44 0.00	25.53 3.29 -0.02	23.45 3.04 -0.02	21.55 2.65 0.00	20.19 2.39 0.00	19.95 2.42 0.00	20.04 2.61 0.00	21.85 2.86 -0.02	26.10 3.40 -0.34	30.71 3.98 -0.01	35.12 4.58 -0.01	35.82 4.62 -0.01	32.40 4.13 -0.01	27.01 3.13 0.00	25.00 2.99 -0.78
SOUTH_FORK_WT_PWR 323839	27.12 3.13 -2.86	22.33 2.84 -0.02	21.03 2.61 -0.01	20.61 2.55 -0.01	21.09 2.54 -0.01	23.33 2.94 -0.68	26.77 3.49 -0.02	29.01 3.50 0.00	29.33 3.42 -0.02	28.25 3.49 0.00	25.60 3.36 -0.02	23.51 3.10 -0.02	21.59 2.68 0.00	20.23 2.42 0.00	19.97 2.44 0.00	20.06 2.63 0.00	21.89 2.90 -0.02	26.14 3.44 -0.34	30.73 4.01 -0.01	35.18 4.64 -0.01	35.88 4.68 -0.01	32.45 4.18 -0.01	27.06 3.18 0.00	25.04 3.04 -0.78
SPIERFLS_115KV_TB 1 80737	21.85 0.72 0.00	20.07 0.60 0.00	18.88 0.48 0.00	18.54 0.49 0.00	19.08 0.54 0.00	20.32 0.61 0.00	24.01 0.74 0.00	26.30 0.79 0.00	26.90 1.01 0.00	25.67 0.92 0.00	22.95 0.73 0.00	21.01 0.61 0.00	19.42 0.51 0.00	18.20 0.39 0.00	17.92 0.39 0.00	17.85 0.42 0.00	19.46 0.49 0.00	23.07 0.72 0.00	27.65 0.94 0.00	31.75 1.22 0.00	32.38 1.19 0.00	29.33 1.07 0.00	24.67 0.79 0.00	21.91 0.68 0.00
ST LAWRENCE___ 23600	20.37 -0.76 0.00	18.82 -0.64 0.00	17.80 -0.61 0.00	17.46 -0.60 0.00	17.94 -0.59 0.00	19.04 -0.67 0.00	22.54 -0.72 0.00	24.72 -0.79 0.00	25.09 -0.80 0.00	23.94 -0.82 0.00	21.40 -0.82 0.00	8.11 -0.75 11.53	4.83 -0.70 13.38	5.00 -0.66 12.15	3.00 -0.63 13.90	4.00 -0.63 12.80	7.59 -0.68 10.70	9.00 -0.76 12.60	13.24 -0.94 12.53	29.45 -1.07 0.01	30.13 -1.06 0.00	27.33 -0.93 0.00	23.02 -0.86 0.00	20.48 -0.74 0.00
STATE_CA_115KV_115_LB 55624	21.66 0.53 0.00	19.99 0.53 0.00	18.87 0.46 0.00	18.52 0.47 0.00	19.00 0.46 0.00	20.22 0.51 0.00	23.89 0.63 0.00	26.18 0.66 0.00	26.70 0.80 0.00	25.50 0.74 0.00	22.93 0.71 0.00	21.03 0.63 0.00	19.46 0.55 0.00	18.30 0.50 0.00	18.02 0.49 0.00	17.93 0.51 0.00	19.54 0.57 0.00	23.07 0.72 0.00	27.49 0.77 0.00	31.45 0.92 0.00	32.03 0.84 0.00	28.99 0.73 0.00	24.58 0.69 0.00	21.82 0.59 0.00
STATE_ST_34_KV_LOAD 55959	21.26 0.13 0.00	19.52 0.06 0.00	18.52 0.11 0.00	18.16 0.11 0.00	18.65 0.11 0.00	19.83 0.12 0.00	23.38 0.12 0.00	25.72 0.20 0.00	25.92 0.03 0.00	24.86 0.10 0.00	22.31 0.09 0.00	20.43 0.04 0.00	18.96 0.06 0.00	17.86 0.05 0.00	17.57 0.04 0.00	17.46 0.03 0.00	19.04 0.08 0.00	22.40 0.04 0.00	26.85 0.13 0.00	30.68 0.15 0.00	31.44 0.25 0.00	28.48 0.23 0.00	24.15 0.26 0.00	21.44 0.21 0.00
STATION 5_MISC_HYD 23604	20.90 -0.23 0.00	19.15 -0.31 0.00	18.26 -0.15 0.00	17.91 -0.15 0.00	18.37 -0.17 0.00	19.43 -0.28 0.00	22.80 -0.47 0.00	25.00 -0.51 0.00	25.17 -0.72 0.00	24.06 -0.69 0.00	21.71 -0.51 0.00	19.96 -0.43 0.00	18.57 -0.34 0.00	17.45 -0.36 0.00	17.23 -0.30 0.00	17.06 -0.37 0.00	18.57 -0.40 0.00	21.75 -0.60 0.00	26.00 -0.72 0.00	29.74 -0.79 0.00	30.60 -0.59 0.00	27.72 -0.54 0.00	23.74 -0.14 0.00	21.12 -0.11 0.00



STA_168_34_KV_BK1_2_REV_LBMP_B 345032	21.11 -0.02 0.00	19.35 -0.12 0.00	18.41 0.00 0.00	18.06 0.00 0.00	18.54 0.00 0.00	19.65 -0.06 0.00	23.10 -0.16 0.00	25.39 -0.13 0.00	25.38 -0.52 0.00	24.46 -0.30 0.00	22.00 -0.22 0.00	20.19 -0.20 0.00	18.76 -0.15 0.00	17.64 -0.16 0.00	17.29 -0.25 0.00	17.24 -0.19 0.00	18.78 -0.19 0.00	22.04 -0.31 0.00	26.39 -0.32 0.00	30.19 -0.34 0.00	31.07 -0.12 0.00	28.12 -0.14 0.00	23.93 0.05 0.00	21.31 0.08 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	20.79 -0.34 0.00	19.05 -0.41 0.00	18.17 -0.24 0.00	17.80 -0.25 0.00	18.28 -0.26 0.00	19.33 -0.37 0.00	22.68 -0.58 0.00	24.88 -0.64 0.00	24.81 -1.09 0.00	23.96 -0.79 0.00	21.62 -0.60 0.00	19.88 -0.51 0.00	18.49 -0.42 0.00	17.38 -0.43 0.00	17.02 -0.51 0.00	16.99 -0.44 0.00	18.49 -0.47 0.00	21.66 -0.69 0.00	25.91 -0.80 0.00	29.61 -0.92 0.00	30.50 -0.69 0.00	27.61 -0.65 0.00	23.55 -0.33 0.00	21.01 -0.21 0.00
STA_56___34_KV_BUS2 355983	20.79 -0.34 0.00	19.05 -0.41 0.00	18.17 -0.24 0.00	17.80 -0.25 0.00	18.28 -0.26 0.00	19.33 -0.37 0.00	22.68 -0.58 0.00	24.88 -0.64 0.00	24.81 -1.09 0.00	23.96 -0.79 0.00	21.62 -0.60 0.00	19.88 -0.51 0.00	18.49 -0.42 0.00	17.38 -0.43 0.00	17.02 -0.51 0.00	16.99 -0.44 0.00	18.49 -0.47 0.00	21.66 -0.69 0.00	25.91 -0.80 0.00	29.61 -0.92 0.00	30.50 -0.69 0.00	27.61 -0.65 0.00	23.55 -0.33 0.00	21.01 -0.21 0.00
STA_67___115KV_BK2 355882	20.88 -0.25 0.00	19.13 -0.33 0.00	18.24 -0.17 0.00	17.87 -0.18 0.00	18.35 -0.19 0.00	19.41 -0.30 0.00	22.75 -0.51 0.00	24.90 -0.61 0.00	24.83 -1.06 0.00	24.01 -0.74 0.00	21.66 -0.56 0.00	19.93 -0.47 0.00	18.53 -0.38 0.00	17.41 -0.39 0.00	17.04 -0.49 0.00	17.03 -0.40 0.00	18.55 -0.42 0.00	21.71 -0.65 0.00	25.94 -0.77 0.00	29.68 -0.85 0.00	30.54 -0.65 0.00	27.66 -0.59 0.00	23.60 -0.29 0.00	21.10 -0.13 0.00
STA_7___115KV_9TRANS 80674	20.98 -0.15 0.00	19.23 -0.23 0.00	18.33 -0.07 0.00	17.96 -0.09 0.00	18.43 -0.11 0.00	19.49 -0.22 0.00	22.87 -0.40 0.00	25.08 -0.43 0.00	24.99 -0.91 0.00	24.16 -0.59 0.00	21.80 -0.42 0.00	20.05 -0.35 0.00	18.64 -0.26 0.00	17.52 -0.28 0.00	17.14 -0.39 0.00	17.13 -0.30 0.00	18.64 -0.32 0.00	21.84 -0.51 0.00	26.10 -0.61 0.00	29.86 -0.67 0.00	30.78 -0.41 0.00	27.83 -0.42 0.00	23.76 -0.12 0.00	21.21 -0.02 0.00
STA_82___115KV_TB1 80780	20.88 -0.25 0.00	19.13 -0.33 0.00	18.24 -0.17 0.00	17.89 -0.16 0.00	18.35 -0.19 0.00	19.41 -0.30 0.00	22.77 -0.49 0.00	24.93 -0.59 0.00	24.86 -1.04 0.00	24.01 -0.74 0.00	21.66 -0.56 0.00	19.93 -0.47 0.00	18.55 -0.36 0.00	17.43 -0.37 0.00	17.06 -0.47 0.00	17.05 -0.38 0.00	18.55 -0.42 0.00	21.71 -0.65 0.00	25.97 -0.75 0.00	29.68 -0.85 0.00	30.57 -0.62 0.00	27.66 -0.59 0.00	23.62 -0.26 0.00	21.10 -0.13 0.00
STEEL___WIND 323596	20.85 -0.28 0.00	19.11 -0.35 0.00	18.39 -0.02 0.00	18.02 -0.04 0.00	18.48 -0.06 0.00	19.49 -0.22 0.00	22.66 -0.60 0.00	24.77 -0.74 0.00	24.81 -1.09 0.00	23.69 -1.06 0.00	21.49 -0.73 0.00	19.78 -0.61 0.00	18.42 -0.49 0.00	17.31 -0.50 0.00	17.06 -0.47 0.00	16.91 -0.52 0.00	18.38 -0.59 0.00	21.31 -1.05 0.00	25.49 -1.23 0.00	29.07 -1.46 0.00	30.04 -1.15 0.00	27.30 -0.96 0.00	23.62 -0.26 0.00	21.12 -0.11 0.00
STEPHTWN_115KV_BK_2 55603	21.74 0.61 0.00	20.09 0.62 0.00	18.94 0.53 0.00	18.60 0.54 0.00	19.08 0.54 0.00	20.30 0.59 0.00	24.01 0.74 0.00	26.28 0.77 0.00	26.85 0.96 0.00	25.65 0.89 0.00	23.02 0.80 0.00	21.11 0.71 0.00	19.53 0.62 0.00	18.36 0.55 0.00	18.07 0.54 0.00	17.99 0.56 0.00	19.59 0.63 0.00	23.16 0.80 0.00	27.60 0.88 0.00	31.60 1.07 0.00	32.19 1.00 0.00	29.13 0.88 0.00	24.70 0.81 0.00	21.95 0.72 0.00
STEUBEN_REC_LFGE 323667	21.43 0.30 0.00	19.64 0.18 0.00	18.83 0.42 0.00	18.47 0.42 0.00	19.00 0.46 0.00	20.16 0.45 0.00	23.61 0.35 0.00	25.90 0.38 0.00	25.69 -0.21 0.00	24.66 -0.10 0.00	22.11 -0.11 0.00	20.21 -0.18 0.00	18.74 -0.17 0.00	17.59 -0.21 0.00	17.14 -0.39 0.00	17.10 -0.33 0.00	18.63 -0.34 0.00	21.78 -0.58 0.00	26.23 -0.48 0.00	30.04 -0.49 0.00	31.03 -0.16 0.00	28.17 -0.08 0.00	24.22 0.33 0.00	21.67 0.45 0.00
STILLWATER___SOLAR 323814	22.00 0.87 0.00	20.26 0.80 0.00	19.07 0.66 0.00	18.72 0.67 0.00	19.26 0.72 0.00	20.52 0.81 0.00	24.19 0.93 0.00	26.48 0.97 0.00	27.01 1.11 0.00	25.82 1.06 0.00	23.13 0.91 0.00	21.21 0.82 0.00	19.63 0.72 0.00	18.43 0.62 0.00	18.11 0.58 0.00	18.06 0.63 0.00	19.67 0.70 0.00	23.30 0.94 0.00	27.86 1.15 0.00	31.94 1.41 0.00	32.53 1.34 0.00	29.50 1.24 0.00	24.86 0.98 0.00	22.08 0.85 0.00
STONY___BROOK 24151	26.33 2.35 -2.86	21.59 2.10 -0.02	20.36 1.95 -0.01	19.96 1.90 -0.01	20.42 1.87 -0.01	22.52 2.13 -0.68	25.82 2.54 -0.02	28.12 2.60 0.00	28.42 2.51 -0.02	27.43 2.67 0.00	24.79 2.55 -0.02	22.82 2.41 -0.02	21.04 2.14 0.00	19.75 1.94 0.00	19.48 1.95 0.00	19.52 2.09 0.00	21.28 2.29 -0.02	25.34 2.64 -0.34	29.67 2.94 -0.02	33.91 3.36 -0.02	34.58 3.37 -0.02	31.24 2.97 -0.02	26.18 2.29 0.00	24.23 2.23 -0.78
STURGEON_POOL_HYD 23609	22.82 1.69 0.00	20.94 1.48 0.00	19.77 1.36 0.00	19.36 1.30 0.00	19.84 1.30 0.00	21.11 1.40 0.00	24.96 1.70 0.00	27.32 1.81 0.00	27.89 1.99 0.00	26.66 1.91 0.00	24.00 1.78 0.00	22.09 1.69 0.00	20.48 1.57 0.00	19.34 1.53 0.00	19.04 1.51 0.00	18.93 1.50 0.00	20.58 1.61 0.00	24.17 1.81 0.00	28.88 2.16 0.00	32.97 2.44 0.00	33.59 2.40 0.00	30.35 2.09 0.00	25.60 1.72 0.00	22.71 1.49 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	22.46 1.33 0.00	20.65 1.19 0.00	19.49 1.09 0.00	19.10 1.05 0.00	19.59 1.06 0.00	20.87 1.16 0.00	24.63 1.37 0.00	26.99 1.48 0.00	27.55 1.66 0.00	26.32 1.56 0.00	23.71 1.49 0.00	21.78 1.39 0.00	20.21 1.30 0.00	19.05 1.25 0.00	18.76 1.23 0.00	18.67 1.24 0.00	20.29 1.33 0.00	23.88 1.52 0.00	28.51 1.79 0.00	32.51 1.98 0.00	33.12 1.93 0.00	29.92 1.67 0.00	25.27 1.39 0.00	22.42 1.19 0.00
SWANROAD_115KV_TB1 355699	20.20 -0.93 0.00	18.51 -0.95 0.00	17.80 -0.61 0.00	17.48 -0.58 0.00	17.87 -0.67 0.00	18.82 -0.89 0.00	21.87 -1.40 0.00	23.75 -1.76 0.00	23.41 -2.49 0.00	22.80 -1.96 0.00	20.71 -1.51 0.00	19.13 -1.26 0.00	17.83 -1.08 0.00	16.75 -1.05 0.00	16.29 -1.24 0.00	16.40 -1.03 0.00	17.83 -1.14 0.00	20.63 -1.72 0.00	24.66 -2.06 0.00	28.09 -2.44 0.00	29.04 -2.15 0.00	26.34 -1.92 0.00	22.71 -1.17 0.00	20.46 -0.76 0.00
SYNERGY___BIOGAS 323694	20.96 -0.17 0.00	19.19 -0.27 0.00	18.39 -0.02 0.00	18.04 -0.02 0.00	18.48 -0.06 0.00	19.49 -0.22 0.00	22.77 -0.49 0.00	24.98 -0.54 0.00	25.01 -0.88 0.00	23.89 -0.87 0.00	21.60 -0.62 0.00	19.86 -0.53 0.00	18.47 -0.43 0.00	17.34 -0.46 0.00	17.13 -0.40 0.00	16.96 -0.47 0.00	18.46 -0.51 0.00	21.53 -0.83 0.00	25.75 -0.96 0.00	29.49 -1.04 0.00	30.47 -0.72 0.00	27.61 -0.65 0.00	23.79 -0.10 0.00	21.23 0.00 0.00



SYRACUSE___ENERGY_ST1 323597	21.21 0.08 0.00	19.48 0.02 0.00	18.46 0.06 0.00	18.11 0.05 0.00	18.59 0.06 0.00	19.75 0.04 0.00	23.28 0.02 0.00	25.59 0.08 0.00	25.84 -0.05 0.00	24.76 0.00 0.00	22.24 0.02 0.00	20.39 0.00 0.00	18.91 0.00 0.00	17.80 0.00 0.00	17.51 -0.02 0.00	17.41 -0.02 0.00	18.97 0.00 0.00	22.33 -0.02 0.00	26.72 0.00 0.00	30.56 0.03 0.00	31.28 0.09 0.00	28.34 0.08 0.00	24.03 0.14 0.00	21.35 0.13 0.00
SYRACUSE___ENERGY_ST2 323598	21.21 0.08 0.00	19.48 0.02 0.00	18.46 0.06 0.00	18.11 0.05 0.00	18.59 0.06 0.00	19.75 0.04 0.00	23.28 0.02 0.00	25.59 0.08 0.00	25.84 -0.05 0.00	24.76 0.00 0.00	22.24 0.02 0.00	20.39 0.00 0.00	18.91 0.00 0.00	17.80 0.00 0.00	17.51 -0.02 0.00	17.41 -0.02 0.00	18.97 0.00 0.00	22.33 -0.02 0.00	26.72 0.00 0.00	30.56 0.03 0.00	31.28 0.09 0.00	28.34 0.08 0.00	24.03 0.14 0.00	21.35 0.13 0.00
SYRACUSE___POWER 24017	21.19 0.06 0.00	19.46 0.00 0.00	18.44 0.04 0.00	18.09 0.04 0.00	18.58 0.04 0.00	19.73 0.02 0.00	23.28 0.02 0.00	25.56 0.05 0.00	25.82 -0.08 0.00	24.73 -0.02 0.00	22.22 0.00 0.00	20.37 -0.02 0.00	18.91 0.00 0.00	17.79 -0.02 0.00	17.50 -0.04 0.00	17.39 -0.03 0.00	18.95 -0.02 0.00	22.31 -0.04 0.00	26.72 0.00 0.00	30.56 0.03 0.00	31.28 0.09 0.00	28.34 0.08 0.00	24.00 0.12 0.00	21.33 0.11 0.00
TALLMAN___138KV_BK151 55660	22.57 1.44 0.00	20.75 1.28 0.00	19.58 1.18 0.00	19.19 1.14 0.00	19.67 1.13 0.00	20.97 1.26 0.00	24.75 1.49 0.00	27.12 1.61 0.00	27.71 1.81 0.00	26.47 1.71 0.00	23.84 1.62 0.00	21.94 1.55 0.00	20.36 1.46 0.00	19.21 1.41 0.00	18.90 1.37 0.00	18.81 1.38 0.00	20.45 1.48 0.00	24.03 1.68 0.00	28.67 1.95 0.00	32.70 2.17 0.00	33.28 2.09 0.00	30.04 1.78 0.00	25.36 1.48 0.00	22.52 1.29 0.00
TEALLAVE_115KV_TB7 355573	21.15 0.02 0.00	19.42 -0.04 0.00	18.41 0.00 0.00	18.06 0.00 0.00	18.54 0.00 0.00	19.69 -0.02 0.00	23.21 -0.05 0.00	25.49 -0.03 0.00	25.74 -0.16 0.00	24.66 -0.10 0.00	22.18 -0.04 0.00	20.33 -0.06 0.00	18.87 -0.04 0.00	17.75 -0.05 0.00	17.46 -0.07 0.00	17.36 -0.07 0.00	18.91 -0.06 0.00	22.27 -0.09 0.00	26.64 -0.08 0.00	30.47 -0.06 0.00	31.19 0.00 0.00	28.26 0.00 0.00	23.95 0.07 0.00	21.29 0.06 0.00
TELGRAPH_34_KV_EAST 80808	20.69 -0.44 0.00	18.96 -0.51 0.00	18.19 -0.22 0.00	17.84 -0.22 0.00	18.28 -0.26 0.00	19.26 -0.45 0.00	22.45 -0.81 0.00	24.47 -1.05 0.00	24.16 -1.73 0.00	23.49 -1.26 0.00	21.29 -0.93 0.00	19.62 -0.77 0.00	18.26 -0.64 0.00	17.16 -0.64 0.00	16.71 -0.82 0.00	16.77 -0.66 0.00	18.25 -0.72 0.00	21.19 -1.16 0.00	25.35 -1.36 0.00	28.97 -1.56 0.00	29.94 -1.25 0.00	27.13 -1.13 0.00	23.33 -0.55 0.00	20.95 -0.28 0.00
TEMPLE___115KV_TB 2 55572	21.19 0.06 0.00	19.46 0.00 0.00	18.44 0.04 0.00	18.09 0.04 0.00	18.58 0.04 0.00	19.73 0.02 0.00	23.26 0.00 0.00	25.54 0.03 0.00	25.79 -0.10 0.00	24.71 -0.05 0.00	22.22 0.00 0.00	20.37 -0.02 0.00	18.89 -0.02 0.00	17.79 -0.02 0.00	17.50 -0.04 0.00	17.39 -0.03 0.00	18.95 -0.02 0.00	22.29 -0.07 0.00	26.69 -0.03 0.00	30.53 0.00 0.00	31.22 0.03 0.00	28.31 0.06 0.00	24.00 0.12 0.00	21.33 0.11 0.00
TIANA____69_KV_BK 1 55817	26.63 2.64 -2.86	21.86 2.37 -0.02	20.60 2.19 0.00	20.19 2.13 0.00	20.65 2.11 0.00	22.89 2.50 -0.68	26.26 2.98 -0.02	28.68 3.16 0.00	29.24 3.34 -0.01	27.70 2.95 0.00	25.06 2.82 -0.02	23.05 2.63 -0.02	21.21 2.31 0.00	19.89 2.08 0.00	19.67 2.14 0.00	19.75 2.32 0.00	21.49 2.50 -0.02	25.65 2.95 -0.34	30.09 3.37 -0.01	34.42 3.88 -0.01	35.07 3.87 -0.01	31.72 3.45 -0.01	26.68 2.79 0.00	24.53 2.53 -0.78
TILDEN___115KV_TB1 80814	21.19 0.06 0.00	19.46 0.00 0.00	18.44 0.04 0.00	18.09 0.04 0.00	18.58 0.04 0.00	19.73 0.02 0.00	23.28 0.02 0.00	25.56 0.05 0.00	25.82 -0.08 0.00	24.73 -0.02 0.00	22.22 0.00 0.00	20.37 -0.02 0.00	18.91 0.00 0.00	17.79 -0.02 0.00	17.50 -0.04 0.00	17.39 -0.03 0.00	18.95 -0.02 0.00	22.31 -0.04 0.00	26.72 0.00 0.00	30.56 0.03 0.00	31.28 0.09 0.00	28.34 0.08 0.00	24.00 0.12 0.00	21.33 0.11 0.00
TRIGEN___CC 323695	25.74 1.75 -2.85	21.06 1.58 -0.02	19.88 1.47 0.00	19.48 1.43 0.00	19.97 1.43 0.00	21.62 1.52 -0.40	25.11 1.84 -0.02	27.55 2.04 0.00	28.20 2.30 0.00	26.89 2.13 0.00	24.21 1.98 -0.02	22.33 1.92 -0.02	20.67 1.76 0.00	19.42 1.62 0.00	19.16 1.63 0.00	19.12 1.69 0.00	20.80 1.82 -0.02	24.73 2.03 -0.34	29.01 2.30 0.00	33.16 2.63 0.00	33.75 2.56 0.00	30.52 2.26 0.00	25.77 1.89 0.00	23.63 1.63 -0.77
TRINITY___115KV__4 BK 55933	21.53 0.40 0.00	19.89 0.43 0.00	18.77 0.37 0.00	18.43 0.38 0.00	18.91 0.37 0.00	20.14 0.43 0.00	23.77 0.51 0.00	26.05 0.54 0.00	26.57 0.67 0.00	25.38 0.62 0.00	22.82 0.60 0.00	20.92 0.53 0.00	19.38 0.47 0.00	18.23 0.43 0.00	17.97 0.44 0.00	17.86 0.44 0.00	19.44 0.47 0.00	22.98 0.63 0.00	27.36 0.64 0.00	31.29 0.76 0.00	31.85 0.65 0.00	28.82 0.57 0.00	24.46 0.57 0.00	21.71 0.49 0.00
UNION___PROCESSING_DRP 323587	20.88 -0.25 0.00	19.15 -0.31 0.00	18.26 -0.15 0.00	17.89 -0.16 0.00	18.35 -0.19 0.00	19.41 -0.30 0.00	22.77 -0.49 0.00	24.93 -0.59 0.00	24.86 -1.04 0.00	24.01 -0.74 0.00	21.66 -0.56 0.00	19.95 -0.45 0.00	18.55 -0.36 0.00	17.43 -0.37 0.00	17.06 -0.47 0.00	17.05 -0.38 0.00	18.55 -0.42 0.00	21.73 -0.63 0.00	25.97 -0.75 0.00	29.68 -0.85 0.00	30.57 -0.62 0.00	27.66 -0.59 0.00	23.62 -0.26 0.00	21.10 -0.13 0.00
UPPER HUDSON___HYD 24058	21.85 0.72 0.00	20.07 0.60 0.00	18.88 0.48 0.00	18.54 0.49 0.00	19.08 0.54 0.00	20.32 0.61 0.00	24.00 0.74 0.00	26.28 0.76 0.00	26.88 0.98 0.00	25.67 0.92 0.00	22.95 0.73 0.00	21.01 0.61 0.00	19.42 0.51 0.00	18.20 0.39 0.00	17.88 0.35 0.00	17.85 0.42 0.00	19.46 0.49 0.00	23.07 0.72 0.00	27.65 0.93 0.00	31.75 1.22 0.00	32.38 1.18 0.00	29.33 1.07 0.00	24.70 0.81 0.00	21.91 0.68 0.00
UPPER RAQUET___HYD 24056	19.65 -1.48 0.00	18.18 -1.29 0.00	17.19 -1.22 0.00	16.85 -1.21 0.00	17.33 -1.20 0.00	18.39 -1.32 0.00	21.82 -1.44 0.00	23.93 -1.58 0.00	24.24 -1.66 0.00	23.10 -1.66 0.00	20.55 -1.67 0.00	9.70 -1.53 9.17	6.81 -1.46 10.64	6.79 -1.35 9.66	5.11 -1.37 11.06	5.89 -1.36 10.18	9.01 -1.44 8.51	10.75 -1.59 10.02	14.93 -1.82 9.97	28.48 -2.05 0.01	29.26 -1.93 0.00	26.53 -1.72 0.00	22.28 -1.60 0.00	19.82 -1.40 0.00
VALLEY44_115KV_TB2 355964	21.04 -0.08 0.00	19.35 -0.12 0.00	18.61 0.20 0.00	18.22 0.16 0.00	18.72 0.19 0.00	19.83 0.12 0.00	23.05 -0.21 0.00	25.18 -0.33 0.00	24.99 -0.91 0.00	24.14 -0.62 0.00	21.84 -0.38 0.00	20.09 -0.31 0.00	18.72 -0.19 0.00	17.59 -0.21 0.00	17.13 -0.40 0.00	17.13 -0.30 0.00	18.63 -0.34 0.00	21.62 -0.74 0.00	25.91 -0.80 0.00	29.49 -1.04 0.00	30.44 -0.75 0.00	27.64 -0.62 0.00	23.76 -0.12 0.00	21.25 0.02 0.00



VALLEY___115KV_TB 1-4 80826	21.36 0.23 0.00	19.66 0.19 0.00	18.55 0.15 0.00	18.18 0.13 0.00	18.65 0.11 0.00	19.87 0.16 0.00	23.49 0.23 0.00	25.82 0.31 0.00	26.26 0.36 0.00	25.08 0.32 0.00	22.46 0.24 0.00	21.06 0.10 -0.57	19.60 0.04 -0.66	18.38 -0.02 -0.60	18.16 -0.05 -0.68	17.97 -0.09 -0.63	19.40 -0.09 -0.53	22.89 -0.09 -0.62	27.25 -0.08 -0.62	30.50 -0.03 0.00	31.19 0.00 0.00	28.31 0.06 0.00	23.93 0.05 0.00	21.31 0.08 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	22.50 1.37 0.00	20.67 1.21 0.00	19.57 1.16 0.00	19.19 1.14 0.00	19.69 1.15 0.00	20.95 1.24 0.00	24.73 1.47 0.00	27.17 1.66 0.00	27.66 1.76 0.00	26.51 1.76 0.00	23.75 1.53 0.00	21.74 1.35 0.00	20.14 1.23 0.00	18.94 1.14 0.00	18.62 1.09 0.00	18.44 1.01 0.00	20.10 1.14 0.00	23.76 1.41 0.00	28.51 1.79 0.00	32.64 2.11 0.00	33.40 2.21 0.00	30.29 2.03 0.00	25.53 1.65 0.00	22.67 1.44 0.00
VISCHER___FERRY HYD 24020	21.85 0.72 0.00	20.16 0.70 0.00	18.98 0.57 0.00	18.65 0.59 0.00	19.17 0.63 0.00	20.42 0.71 0.00	24.07 0.81 0.00	26.35 0.84 0.00	26.85 0.96 0.00	25.70 0.94 0.00	23.06 0.84 0.00	21.17 0.77 0.00	19.59 0.68 0.00	18.43 0.62 0.00	18.13 0.60 0.00	18.07 0.65 0.00	19.67 0.70 0.00	23.25 0.90 0.00	27.76 1.04 0.00	31.72 1.19 0.00	32.28 1.09 0.00	29.30 1.05 0.00	24.70 0.81 0.00	21.93 0.70 0.00
V_A_10_SYNC_DSASP 323832	20.52 -0.61 0.00	18.82 -0.64 0.00	18.02 -0.39 0.00	17.66 -0.40 0.00	18.11 -0.43 0.00	19.12 -0.59 0.00	22.28 -0.98 0.00	24.37 -1.15 0.00	24.45 -1.45 0.00	23.37 -1.39 0.00	21.15 -1.07 0.00	19.54 -0.86 0.00	18.19 -0.72 0.00	17.09 -0.71 0.00	16.88 -0.65 0.00	16.75 -0.68 0.00	18.21 -0.76 0.00	21.17 -1.19 0.00	25.30 -1.42 0.00	28.82 -1.71 0.00	29.69 -1.50 0.00	26.93 -1.33 0.00	23.24 -0.64 0.00	20.76 -0.47 0.00
V_CMM_10_SYNC_DSASP 323787	20.43 -0.70 0.00	18.88 -0.58 0.00	17.87 -0.53 0.00	17.51 -0.54 0.00	18.02 -0.52 0.00	19.12 -0.59 0.00	22.63 -0.63 0.00	24.85 -0.66 0.00	25.20 -0.70 0.00	24.04 -0.72 0.00	21.46 -0.76 0.00	8.20 -0.67 11.53	4.91 -0.62 13.38	5.07 -0.59 12.15	3.05 -0.58 13.90	4.05 -0.57 12.80	7.66 -0.61 10.70	9.07 -0.69 12.60	13.35 -0.83 12.53	29.54 -0.98 0.01	30.26 -0.93 0.00	27.41 -0.85 0.00	23.12 -0.77 0.00	20.57 -0.66 0.00
V_CMP_10_SYNC_DSASP 323788	19.90 -1.23 0.00	18.65 -0.82 0.00	17.76 -0.64 0.00	17.39 -0.67 0.00	17.81 -0.72 0.00	18.80 -0.91 0.00	22.28 -0.98 0.00	24.65 -0.87 0.00	24.91 -0.98 0.00	23.52 -1.24 0.00	20.60 -1.62 0.00	7.43 -1.59 11.37	4.22 -1.49 13.20	4.47 -1.35 11.98	2.43 -1.39 13.71	3.49 -1.31 12.63	7.12 -1.29 10.55	8.68 -1.25 12.43	12.99 -1.36 12.37	29.03 -1.50 0.01	29.85 -1.34 0.00	27.10 -1.16 0.00	22.59 -1.29 0.00	20.06 -1.17 0.00
V_D_10_SYNC_DSASP 323841	20.41 -0.72 0.00	18.88 -0.58 0.00	17.87 -0.53 0.00	17.51 -0.54 0.00	18.02 -0.52 0.00	19.12 -0.59 0.00	22.66 -0.60 0.00	24.85 -0.66 0.00	25.17 -0.72 0.00	24.04 -0.72 0.00	21.44 -0.78 0.00	8.55 -0.69 11.15	5.30 -0.66 12.94	5.45 -0.61 11.75	3.47 -0.61 13.45	4.45 -0.59 12.39	7.97 -0.64 10.35	9.46 -0.72 12.19	13.73 -0.86 12.13	29.52 -1.01 0.01	30.26 -0.93 0.00	27.44 -0.82 0.00	23.12 -0.77 0.00	20.59 -0.64 0.00
V_E_10_SYNC_DSASP 323830	22.84 1.71 0.00	20.92 1.46 0.00	19.88 1.47 0.00	19.50 1.44 0.00	19.99 1.45 0.00	21.29 1.58 0.00	25.17 1.91 0.00	27.73 2.22 0.00	27.99 2.10 0.00	26.71 1.96 0.00	23.77 1.55 0.00	21.56 1.16 0.00	19.93 1.02 0.00	18.71 0.91 0.00	18.35 0.82 0.00	18.16 0.73 0.00	19.86 0.89 0.00	23.63 1.27 0.00	28.56 1.84 0.00	32.82 2.29 0.00	33.78 2.59 0.00	30.74 2.49 0.00	25.94 2.05 0.00	23.05 1.83 0.00
V_F_30_NSYNC___DSASP 323816	22.04 0.91 0.00	20.28 0.82 0.00	19.11 0.70 0.00	18.74 0.69 0.00	19.28 0.74 0.00	20.54 0.83 0.00	24.24 0.98 0.00	26.53 1.02 0.00	27.06 1.17 0.00	25.85 1.09 0.00	23.17 0.95 0.00	21.23 0.84 0.00	19.64 0.74 0.00	18.44 0.64 0.00	18.14 0.61 0.00	18.07 0.65 0.00	19.71 0.74 0.00	23.32 0.96 0.00	27.89 1.17 0.00	31.97 1.44 0.00	32.56 1.37 0.00	29.53 1.27 0.00	24.89 1.00 0.00	22.10 0.87 0.00
V_F_30_SYNC_DSASP 323786	21.66 0.53 0.00	19.99 0.53 0.00	18.85 0.44 0.00	18.52 0.47 0.00	19.00 0.46 0.00	20.22 0.51 0.00	23.89 0.63 0.00	26.18 0.66 0.00	26.70 0.80 0.00	25.50 0.74 0.00	22.91 0.69 0.00	21.03 0.63 0.00	19.46 0.55 0.00	18.30 0.50 0.00	18.02 0.49 0.00	17.93 0.51 0.00	19.54 0.57 0.00	23.07 0.72 0.00	27.49 0.77 0.00	31.45 0.92 0.00	32.03 0.84 0.00	28.99 0.73 0.00	24.58 0.69 0.00	21.82 0.59 0.00
V_XM_10_SYNC_DSASP 323789	19.90 -1.23 0.00	18.65 -0.82 0.00	17.76 -0.64 0.00	17.39 -0.67 0.00	17.81 -0.72 0.00	18.80 -0.91 0.00	22.28 -0.98 0.00	24.65 -0.87 0.00	24.91 -0.98 0.00	23.52 -1.24 0.00	20.60 -1.62 0.00	7.43 -1.59 11.37	4.22 -1.49 13.20	4.47 -1.35 11.98	2.43 -1.39 13.71	3.49 -1.31 12.63	7.12 -1.29 10.55	8.68 -1.25 12.43	12.99 -1.36 12.37	29.03 -1.50 0.01	29.85 -1.34 0.00	27.10 -1.16 0.00	22.59 -1.29 0.00	20.06 -1.17 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	22.63 1.50 0.00	20.81 1.34 0.00	19.64 1.23 0.00	19.25 1.19 0.00	19.72 1.19 0.00	21.01 1.30 0.00	24.82 1.56 0.00	27.20 1.68 0.00	27.79 1.89 0.00	26.54 1.78 0.00	23.91 1.69 0.00	22.01 1.61 0.00	20.42 1.51 0.00	19.25 1.44 0.00	18.95 1.42 0.00	18.86 1.43 0.00	20.50 1.54 0.00	24.10 1.74 0.00	28.75 2.03 0.00	32.79 2.26 0.00	33.37 2.18 0.00	30.15 1.89 0.00	25.46 1.58 0.00	22.58 1.36 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	22.88 1.75 0.00	20.96 1.50 0.00	19.77 1.36 0.00	19.37 1.32 0.00	19.80 1.26 0.00	21.11 1.40 0.00	24.96 1.70 0.00	27.40 1.89 0.00	28.07 2.18 0.00	26.76 2.01 0.00	24.18 1.96 0.00	22.25 1.86 0.00	21.19 1.78 -0.50	19.94 1.69 -0.44	19.18 1.63 -0.02	19.12 1.67 -0.02	20.77 1.78 -0.02	24.35 1.99 0.00	29.07 2.35 0.00	33.19 2.66 0.00	33.78 2.59 0.00	30.40 2.15 0.00	25.67 1.79 0.00	22.82 1.59 0.00
W50THST__13_KV_LOAD 356117	22.95 1.82 0.00	21.02 1.56 0.00	19.80 1.40 0.00	19.41 1.35 0.00	19.85 1.32 0.00	21.17 1.46 0.00	25.03 1.77 0.00	27.48 1.96 0.00	28.15 2.25 0.00	26.86 2.10 0.00	24.26 2.04 0.00	22.33 1.94 0.00	21.27 1.85 -0.50	20.01 1.76 -0.44	19.25 1.70 -0.02	19.17 1.73 -0.02	20.82 1.84 -0.02	24.41 2.06 0.00	29.15 2.43 0.00	33.28 2.75 0.00	33.87 2.68 0.00	30.49 2.23 0.00	25.77 1.89 0.00	22.88 1.66 0.00
WADING RIVER_IC_1 23522	26.40 2.41 -2.86	21.66 2.18 -0.02	20.42 2.01 -0.01	20.01 1.95 -0.01	20.47 1.93 -0.01	22.69 2.30 -0.68	26.07 2.79 -0.02	28.29 2.78 0.00	28.47 2.56 -0.02	27.46 2.70 0.00	24.82 2.58 -0.02	22.84 2.43 -0.02	21.02 2.12 0.00	19.73 1.92 0.00	19.48 1.95 0.00	19.61 2.18 0.00	21.30 2.31 -0.02	25.40 2.70 -0.34	29.77 3.04 -0.01	34.05 3.51 -0.01	34.73 3.52 -0.01	31.38 3.11 -0.01	26.25 2.36 0.00	24.30 2.29 -0.78



WADING RIVER_IC_2 23547	26.40 2.41 -2.86	21.66 2.18 -0.02	20.42 2.01 -0.01	20.01 1.95 -0.01	20.47 1.93 -0.01	22.69 2.30 -0.68	26.07 2.79 -0.02	28.29 2.78 0.00	28.47 2.56 -0.02	27.46 2.70 0.00	24.82 2.58 -0.02	22.84 2.43 -0.02	21.02 2.12 0.00	19.73 1.92 0.00	19.48 1.95 0.00	19.61 2.18 0.00	21.30 2.31 -0.02	25.40 2.70 -0.34	29.77 3.04 -0.01	34.05 3.51 -0.01	34.73 3.52 -0.01	31.38 3.11 -0.01	26.25 2.36 0.00	24.30 2.29 -0.78
WADING RIVER_IC_3 23601	26.40 2.41 -2.86	21.66 2.18 -0.02	20.42 2.01 -0.01	20.01 1.95 -0.01	20.47 1.93 -0.01	22.69 2.30 -0.68	26.07 2.79 -0.02	28.29 2.78 0.00	28.47 2.56 -0.02	27.46 2.70 0.00	24.82 2.58 -0.02	22.84 2.43 -0.02	21.02 2.12 0.00	19.73 1.92 0.00	19.48 1.95 0.00	19.61 2.18 0.00	21.30 2.31 -0.02	25.40 2.70 -0.34	29.77 3.04 -0.01	34.05 3.51 -0.01	34.73 3.52 -0.01	31.38 3.11 -0.01	26.25 2.36 0.00	24.30 2.29 -0.78
WALDENNY_I2_KV_BK2 80841	20.81 -0.32 0.00	19.09 -0.37 0.00	18.35 -0.06 0.00	17.98 -0.07 0.00	18.45 -0.09 0.00	19.47 -0.24 0.00	22.63 -0.63 0.00	24.65 -0.87 0.00	24.34 -1.55 0.00	23.67 -1.09 0.00	21.46 -0.76 0.00	19.76 -0.63 0.00	18.42 -0.49 0.00	17.31 -0.50 0.00	16.83 -0.70 0.00	16.89 -0.54 0.00	18.36 -0.61 0.00	21.28 -1.07 0.00	25.46 -1.26 0.00	29.03 -1.50 0.00	30.04 -1.15 0.00	27.27 -0.99 0.00	23.48 -0.41 0.00	21.10 -0.13 0.00
WALDEN___HYDRO 24148	22.61 1.48 0.00	20.77 1.30 0.00	19.60 1.20 0.00	19.21 1.16 0.00	19.71 1.17 0.00	20.97 1.26 0.00	24.80 1.54 0.00	27.15 1.63 0.00	27.71 1.81 0.00	26.47 1.71 0.00	23.82 1.60 0.00	21.88 1.49 0.00	20.29 1.38 0.00	19.14 1.34 0.00	18.85 1.31 0.00	18.75 1.32 0.00	20.39 1.42 0.00	23.99 1.63 0.00	28.67 1.95 0.00	32.73 2.20 0.00	33.34 2.15 0.00	30.12 1.86 0.00	25.44 1.55 0.00	22.56 1.34 0.00
WARRENSBURG___ 23737	21.85 0.72 0.00	20.07 0.60 0.00	18.88 0.48 0.00	18.54 0.49 0.00	19.08 0.54 0.00	20.32 0.61 0.00	24.00 0.74 0.00	26.28 0.76 0.00	26.88 0.98 0.00	25.67 0.92 0.00	22.95 0.73 0.00	21.01 0.61 0.00	19.42 0.51 0.00	18.20 0.39 0.00	17.88 0.35 0.00	17.85 0.42 0.00	19.46 0.49 0.00	23.07 0.72 0.00	27.65 0.93 0.00	31.75 1.22 0.00	32.38 1.18 0.00	29.33 1.07 0.00	24.70 0.81 0.00	21.91 0.68 0.00
WATERSIDE___6 8 9 23538	22.93 1.80 0.00	20.98 1.52 0.00	19.77 1.36 0.00	19.37 1.32 0.00	19.82 1.28 0.00	21.09 1.38 0.00	24.98 1.72 0.00	27.45 1.94 0.00	28.12 2.23 0.00	26.81 2.05 0.00	24.22 2.00 0.00	22.29 1.90 0.00	21.18 1.76 -0.52	19.95 1.69 -0.45	19.21 1.67 -0.02	19.14 1.69 -0.02	20.80 1.82 -0.02	24.37 2.01 0.00	29.12 2.40 0.00	33.28 2.75 0.00	33.84 2.65 0.00	30.43 2.18 0.00	25.75 1.86 0.00	22.86 1.63 0.00
WATKINRD_115KV_LN8_ILLION 55919	21.38 0.25 0.00	19.68 0.21 0.00	18.61 0.20 0.00	18.24 0.18 0.00	18.72 0.19 0.00	19.93 0.22 0.00	23.52 0.26 0.00	25.82 0.31 0.00	26.23 0.34 0.00	25.08 0.32 0.00	22.49 0.27 0.00	21.14 0.18 -0.57	19.72 0.15 -0.66	18.51 0.11 -0.60	18.30 0.09 -0.68	18.13 0.07 -0.63	19.59 0.09 -0.53	23.09 0.11 -0.62	27.49 0.16 -0.62	30.74 0.21 0.00	31.44 0.25 0.00	28.51 0.25 0.00	24.10 0.21 0.00	21.42 0.19 0.00
WATSON___69_KV_BK 1 55734	26.44 2.45 -2.86	21.68 2.20 -0.02	20.43 2.02 0.00	20.04 1.99 0.00	20.50 1.97 0.00	22.56 2.19 -0.66	25.89 2.61 -0.02	28.32 2.81 0.00	28.96 3.06 -0.01	27.53 2.77 0.00	24.88 2.64 -0.02	22.90 2.49 -0.02	21.12 2.21 0.00	19.82 2.01 0.00	19.58 2.05 0.00	19.57 2.14 0.00	21.36 2.37 -0.02	25.45 2.75 -0.34	29.79 3.07 -0.01	34.08 3.54 -0.01	34.72 3.52 -0.01	31.40 3.14 -0.01	26.46 2.58 0.00	24.34 2.33 -0.78
WDELAWARE___HYD 323627	22.97 1.84 0.00	21.04 1.58 0.00	19.92 1.51 0.00	19.48 1.43 0.00	19.97 1.43 0.00	21.25 1.54 0.00	25.17 1.91 0.00	27.53 2.02 0.00	27.97 2.07 0.00	26.79 2.03 0.00	24.02 1.80 0.00	22.09 1.69 0.00	20.44 1.53 0.00	19.28 1.48 0.00	18.95 1.42 0.00	18.86 1.43 0.00	20.56 1.59 0.00	24.21 1.85 0.00	29.01 2.30 0.00	33.22 2.69 0.00	33.90 2.71 0.00	30.69 2.43 0.00	25.89 2.01 0.00	22.93 1.70 0.00
WEST BABYLON___IC 23714	26.29 2.30 -2.86	21.55 2.06 -0.02	20.32 1.91 0.00	19.91 1.86 0.00	20.37 1.84 0.00	22.37 2.03 -0.63	25.70 2.42 -0.02	28.14 2.63 0.00	28.77 2.87 -0.01	27.38 2.62 0.00	24.75 2.51 -0.02	22.78 2.37 -0.02	21.02 2.12 0.00	19.74 1.94 0.00	19.49 1.96 0.00	19.47 2.04 0.00	21.24 2.26 -0.02	25.29 2.59 -0.34	29.60 2.89 0.00	33.89 3.36 0.00	34.53 3.34 0.00	31.20 2.94 0.00	26.32 2.44 0.00	24.19 2.19 -0.78
WEST CANADA___HYD 24049	21.30 0.17 0.00	19.60 0.14 0.00	18.54 0.13 0.00	18.18 0.13 0.00	18.67 0.13 0.00	19.85 0.14 0.00	23.42 0.16 0.00	25.69 0.18 0.00	26.10 0.21 0.00	24.95 0.20 0.00	22.40 0.18 -0.57	21.12 0.16 -0.66	19.70 0.13 -0.60	18.53 0.13 -0.60	18.34 0.12 -0.68	18.18 0.12 -0.63	19.63 0.13 -0.53	23.13 0.16 -0.62	27.52 0.19 -0.62	30.77 0.24 0.00	31.41 0.22 0.00	28.46 0.20 0.00	24.05 0.17 0.00	21.38 0.15 0.00
WESTERN_NY_WIND 24143	20.94 -0.19 0.00	19.17 -0.29 0.00	18.37 -0.04 0.00	18.02 -0.04 0.00	18.46 -0.07 0.00	19.47 -0.24 0.00	22.73 -0.53 0.00	24.85 -0.66 0.00	24.55 -1.35 0.00	23.84 -0.92 0.00	21.55 -0.67 0.00	19.82 -0.57 0.00	18.45 -0.45 0.00	17.32 -0.48 0.00	16.88 -0.65 0.00	16.92 -0.51 0.00	18.44 -0.53 0.00	21.48 -0.87 0.00	25.70 -1.02 0.00	29.43 -1.10 0.00	30.47 -0.72 0.00	27.55 -0.71 0.00	23.64 -0.24 0.00	21.21 -0.02 0.00
WESTOVER___LESR 323668	21.51 0.38 0.00	19.78 0.31 0.00	18.79 0.39 0.00	18.42 0.36 0.00	18.91 0.37 0.00	20.08 0.37 0.00	23.63 0.37 0.00	25.92 0.41 0.00	26.10 0.21 0.00	25.03 0.27 0.00	22.53 0.31 0.00	20.68 0.29 0.00	19.19 0.28 0.00	18.07 0.27 0.00	17.74 0.21 0.00	17.66 0.23 0.00	19.23 0.27 0.00	22.58 0.22 0.00	27.04 0.32 0.00	30.87 0.34 0.00	31.60 0.41 0.00	28.65 0.40 0.00	24.34 0.45 0.00	21.63 0.40 0.00
WETHRSFD_WT_PWR 323626	20.81 -0.32 0.00	19.09 -0.37 0.00	18.35 -0.06 0.00	18.00 -0.05 0.00	18.48 -0.06 0.00	19.53 -0.18 0.00	22.75 -0.51 0.00	24.90 -0.61 0.00	24.94 -0.96 0.00	23.74 -1.02 0.00	21.38 -0.84 0.00	19.64 -0.75 0.00	18.24 -0.66 0.00	17.15 -0.66 0.00	16.86 -0.67 0.00	16.71 -0.72 0.00	18.19 -0.78 0.00	21.17 -1.19 0.00	25.46 -1.26 0.00	29.13 -1.40 0.00	30.10 -1.09 0.00	27.38 -0.88 0.00	23.62 -0.26 0.00	21.10 -0.13 0.00
WHAVSTOR_138KV_BK127 55557	22.57 1.44 0.00	20.73 1.27 0.00	19.57 1.16 0.00	19.17 1.12 0.00	19.67 1.13 0.00	20.95 1.24 0.00	24.73 1.47 0.00	27.12 1.61 0.00	27.71 1.81 0.00	26.44 1.68 0.00	23.84 1.62 0.00	21.92 1.53 0.00	20.36 1.46 0.00	19.19 1.39 0.00	18.90 1.37 0.00	18.81 1.38 0.00	20.45 1.48 0.00	24.01 1.65 0.00	28.67 1.95 0.00	32.70 2.17 0.00	33.28 2.09 0.00	30.04 1.78 0.00	25.36 1.48 0.00	22.50 1.27 0.00



WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	22.57 1.44 0.00	20.73 1.27 0.00	19.57 1.16 0.00	19.17 1.12 0.00	19.67 1.13 0.00	20.95 1.24 0.00	24.73 1.47 0.00	27.12 1.61 0.00	27.71 1.81 0.00	26.44 1.68 0.00	23.84 1.62 0.00	21.92 1.53 0.00	20.36 1.46 0.00	19.19 1.39 0.00	18.90 1.37 0.00	18.81 1.38 0.00	20.45 1.48 0.00	24.01 1.65 0.00	28.67 1.95 0.00	32.70 2.17 0.00	33.28 2.09 0.00	30.04 1.78 0.00	25.36 1.48 0.00	22.50 1.27 0.00
WHITEHAL_115KV_TB1 80871	22.21 1.08 0.00	20.38 0.91 0.00	19.16 0.75 0.00	18.80 0.74 0.00	19.37 0.83 0.00	20.64 0.93 0.00	24.38 1.12 0.00	26.69 1.17 0.00	27.34 1.45 0.00	26.07 1.31 0.00	23.26 1.04 0.00	21.27 0.88 0.00	19.64 0.74 0.00	18.36 0.55 0.00	18.06 0.53 0.00	17.99 0.56 0.00	19.67 0.70 0.00	23.36 1.01 0.00	28.05 1.34 0.00	32.27 1.74 0.00	32.94 1.75 0.00	29.81 1.55 0.00	25.08 1.19 0.00	22.27 1.04 0.00
WHITEPLN_13_KV_LOAD 356215	22.88 1.75 0.00	20.98 1.52 0.00	19.79 1.38 0.00	19.39 1.34 0.00	19.87 1.33 0.00	21.17 1.46 0.00	25.03 1.77 0.00	27.50 1.99 0.00	28.15 2.25 0.00	26.86 2.10 0.00	24.22 2.00 0.00	22.27 1.88 0.00	20.67 1.76 0.00	19.50 1.69 0.00	19.16 1.63 0.00	19.10 1.67 0.00	20.75 1.78 0.00	24.41 2.06 0.00	29.15 2.43 0.00	33.28 2.75 0.00	33.84 2.65 0.00	30.43 2.18 0.00	25.70 1.82 0.00	22.84 1.61 0.00
WM_FLOYD_69_KV_BK2 356380	26.46 2.47 -2.86	21.72 2.24 -0.02	20.47 2.06 0.00	20.06 2.00 0.00	20.52 1.98 0.00	22.71 2.33 -0.68	26.05 2.77 -0.02	28.45 2.93 0.00	29.01 3.11 -0.01	27.53 2.77 0.00	24.88 2.64 -0.02	22.88 2.47 -0.02	21.08 2.17 0.00	19.76 1.96 0.00	19.56 2.03 0.00	19.61 2.18 0.00	21.36 2.37 -0.02	25.47 2.77 -0.34	29.85 3.13 -0.01	34.15 3.60 -0.01	34.79 3.59 -0.01	31.44 3.16 -0.01	26.49 2.60 0.00	24.36 2.36 -0.78
WOODARD__115KV_TB2 355635	21.09 -0.04 0.00	19.37 -0.10 0.00	18.35 -0.06 0.00	18.00 -0.05 0.00	18.48 -0.06 0.00	19.63 -0.08 0.00	23.14 -0.12 0.00	25.41 -0.10 0.00	25.69 -0.21 0.00	24.61 -0.15 0.00	22.11 -0.11 0.00	20.27 -0.12 0.00	18.81 -0.09 0.00	17.72 -0.09 0.00	17.43 -0.11 0.00	17.32 -0.10 0.00	18.85 -0.11 0.00	22.20 -0.16 0.00	26.58 -0.13 0.00	30.38 -0.15 0.00	31.10 -0.09 0.00	28.17 -0.08 0.00	23.88 0.00 0.00	21.23 0.00 0.00
YORK___WARBASSE 23770	22.99 1.86 0.00	21.00 1.54 0.00	19.77 1.36 0.00	19.37 1.32 0.00	19.80 1.26 0.00	21.07 1.36 0.00	24.94 1.67 0.00	27.40 1.89 0.00	28.10 2.20 0.00	26.79 2.03 0.00	24.20 1.98 0.00	22.31 1.92 0.00	21.20 1.78 -0.52	19.95 1.69 -0.45	19.21 1.67 -0.02	19.15 1.71 -0.02	20.82 1.84 -0.02	24.37 2.01 0.00	29.15 2.43 0.00	33.31 2.78 0.00	33.90 2.71 0.00	30.43 2.18 0.00	25.77 1.89 0.00	22.90 1.68 0.00