

# Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

08/10/2023

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	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	22.63	21.34	19.30	18.49	19.02	20.46	22.08	24.28	25.71	26.84	27.31	29.09	30.30	31.47	32.32	32.03	34.54	36.18	34.31	32.54	30.48	27.24	24.88	22.49
24138	1.52	1.32	1.19	1.14	1.19	1.30	1.50	2.13	2.21	2.33	2.23	2.42	2.54	2.62	2.67	2.56	2.91	2.89	2.63	2.38	2.23	2.02	1.99	1.49
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-0.10	-0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	22.67	21.38	19.36	18.53	19.05	20.48	22.08	24.28	25.71	26.87	27.29	29.12	30.30	31.53	32.32	32.00	34.51	36.18	34.34	32.57	30.51	27.26	24.95	22.53
24260	1.56	1.36	1.25	1.18	1.23	1.32	1.50	2.13	2.21	2.35	2.21	2.44	2.54	2.68	2.67	2.53	2.88	2.90	2.66	2.41	2.26	2.04	2.06	1.53
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-0.10	-0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	22.67	21.38	19.36	18.53	19.05	20.48	22.08	24.28	25.71	26.87	27.29	29.12	30.30	31.53	32.32	32.00	34.51	36.18	34.34	32.57	30.51	27.26	24.95	22.53
24261	1.56	1.36	1.25	1.18	1.23	1.32	1.50	2.13	2.21	2.35	2.21	2.44	2.54	2.68	2.67	2.53	2.88	2.90	2.66	2.41	2.26	2.04	2.06	1.53
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-0.10	-0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	22.40	21.14	19.09	18.28	18.75	20.25	21.75	23.60	25.12	26.08	26.50	27.94	29.22	30.70	31.60	31.20	33.46	35.32	33.83	32.21	30.22	27.04	24.56	22.32
24011	1.29	1.12	0.98	0.94	0.93	1.09	1.17	1.44	1.62	1.57	1.45	1.49	1.71	1.85	1.96	1.74	1.83	2.03	2.15	2.05	1.98	1.82	1.67	1.32
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.12	0.14	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	22.54	21.28	19.20	18.39	18.88	20.37	21.90	23.77	25.34	26.30	26.73	28.18	29.47	30.93	31.87	31.44	33.72	35.55	34.09	32.45	30.45	27.26	24.74	22.49
23798	1.44	1.26	1.09	1.04	1.05	1.21	1.32	1.62	1.83	1.79	1.68	1.73	1.96	2.08	2.22	1.97	2.09	2.26	2.41	2.29	2.20	2.04	1.85	1.49
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.12	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	22.40	21.14	19.09	18.28	18.75	20.25	21.75	23.60	25.12	26.08	26.50	27.94	29.22	30.70	31.60	31.20	33.46	35.32	33.83	32.21	30.22	27.04	24.56	22.32
24028	1.29	1.12	0.98	0.94	0.93	1.09	1.17	1.44	1.62	1.57	1.45	1.49	1.71	1.85	1.96	1.74	1.83	2.03	2.15	2.05	1.98	1.82	1.67	1.32
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.12	0.14	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	22.21	21.04	19.05	18.25	18.71	20.15	21.65	23.44	24.79	25.69	26.18	27.63	28.78	30.38	31.28	31.05	33.40	35.25	33.52	31.94	29.91	26.68	24.26	22.11
23527	1.10	1.02	0.94	0.90	0.89	1.00	1.07	1.28	1.29	1.18	1.15	1.30	1.41	1.53	1.63	1.59	1.77	1.96	1.84	1.78	1.67	1.46	1.37	1.11
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.24	0.28	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	21.53	20.40	18.47	17.69	18.18	19.52	20.97	22.75	24.11	25.08	25.58	27.11	28.27	29.66	30.51	30.20	32.48	34.22	32.53	30.94	28.98	25.88	23.51	21.42
24190	0.42	0.38	0.36	0.35	0.36	0.36	0.39	0.60	0.61	0.56	0.53	0.64	0.75	0.81	0.86	0.74	0.85	0.93	0.86	0.78	0.73	0.66	0.62	0.42
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.10	0.12	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	20.56	19.62	17.77	17.00	17.50	18.79	20.13	21.56	22.91	23.92	24.47	25.94	26.98	28.07	28.85	28.64	30.84	32.49	30.95	29.46	27.57	24.56	22.25	20.41
355683	-0.55	-0.40	-0.34	-0.35	-0.32	-0.36	-0.45	-0.60	-0.59	-0.59	-0.60	-0.64	-0.66	-0.78	-0.80	-0.82	-0.79	-0.80	-0.73	-0.69	-0.68	-0.66	-0.64	-0.59
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	21.53	20.40	18.47	17.69	18.18	19.52	20.97	22.75	24.11	25.08	25.58	27.11	28.27	29.66	30.51	30.20	32.48	34.22	32.53	30.94	28.98	25.88	23.51	21.42
23571	0.42	0.38	0.36	0.35	0.36	0.36	0.39	0.60	0.61	0.56	0.53	0.64	0.75	0.81	0.86	0.74	0.85	0.93	0.86	0.78	0.73	0.66	0.62	0.42
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.10	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___2	21.53	20.40	18.47	17.69	18.18	19.52	20.97	22.75	24.11	25.08	25.58	27.11	28.27	29.66	30.51	30.20	32.48	34.22	32.53	30.94	28.98	25.88	23.51	21.42
23572	0.42	0.38	0.36	0.35	0.36	0.36	0.39	0.60	0.61	0.56	0.53	0.64	0.75	0.81	0.86	0.74	0.85	0.93	0.86	0.78	0.73	0.66	0.62	0.42
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.10	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___3	21.53	20.40	18.47	17.69	18.18	19.52	20.97	22.75	24.11	25.08	25.58	27.11	28.27	29.66	30.51	30.20	32.48	34.22	32.53	30.94	28.98	25.88	23.51	21.42
23573	0.42	0.38	0.36	0.35	0.36	0.36	0.39	0.60	0.61	0.56	0.53	0.64	0.75	0.81	0.86	0.74	0.85	0.93	0.86	0.78	0.73	0.66	0.62	0.42
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.10	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___4 23574	21.53 0.42 0.00	20.40 0.38 0.00	18.47 0.36 0.00	17.69 0.35 0.00	18.18 0.36 0.00	19.52 0.36 0.00	20.97 0.39 0.00	22.75 0.60 0.00	24.11 0.61 0.00	25.08 0.56 0.00	25.58 0.53 0.02	27.11 0.64 0.10	28.27 0.75 0.12	29.66 0.81 0.00	30.51 0.86 0.00	30.20 0.74 0.00	32.48 0.85 0.00	34.22 0.93 0.00	32.53 0.86 0.00	30.94 0.78 0.00	28.98 0.73 0.00	25.88 0.66 0.00	23.51 0.62 0.00	21.42 0.42 0.00
ALBANY___LFGE 323615	21.76 0.66 0.00	20.62 0.60 0.00	18.64 0.53 0.00	17.87 0.52 0.00	18.34 0.52 0.00	19.73 0.57 0.00	21.18 0.60 0.00	23.00 0.84 0.00	24.39 0.89 0.00	25.35 0.83 0.00	25.88 0.83 0.02	27.45 0.98 0.11	28.63 1.11 0.13	30.03 1.18 0.00	30.89 1.24 0.00	30.58 1.12 0.00	32.86 1.23 0.00	34.62 1.33 0.00	32.88 1.20 0.00	31.30 1.15 0.00	29.32 1.07 0.00	26.15 0.93 0.00	23.76 0.87 0.00	21.63 0.63 0.00
ALCOA_PA_115KV_PL-6C 55860	20.56 -0.55 0.00	19.62 -0.40 0.00	17.84 -0.27 0.00	17.07 -0.28 0.00	17.56 -0.27 0.00	18.85 -0.31 0.00	20.13 -0.45 0.00	21.56 -0.60 0.00	22.91 -0.59 0.00	23.92 -0.59 0.00	24.52 -0.55 0.00	25.96 -0.61 0.00	27.01 -0.64 0.00	28.10 -0.75 0.00	28.88 -0.77 0.00	28.64 -0.82 0.00	30.84 -0.79 0.00	32.49 -0.80 0.00	30.95 -0.73 0.00	29.46 -0.69 0.00	27.57 -0.68 0.00	24.56 -0.66 0.00	22.25 -0.64 0.00	20.41 -0.59 0.00
ALCOA_RYNLDS___DRP 24188	20.56 -0.55 0.00	19.62 -0.40 0.00	17.84 -0.27 0.00	17.07 -0.28 0.00	17.56 -0.27 0.00	18.85 -0.31 0.00	20.13 -0.45 0.00	21.56 -0.60 0.00	22.91 -0.59 0.00	23.92 -0.59 0.00	24.52 -0.55 0.00	25.96 -0.61 0.00	27.01 -0.64 0.00	28.10 -0.75 0.00	28.88 -0.77 0.00	28.64 -0.82 0.00	30.84 -0.79 0.00	32.49 -0.80 0.00	30.95 -0.73 0.00	29.46 -0.69 0.00	27.57 -0.68 0.00	24.56 -0.66 0.00	22.25 -0.64 0.00	20.41 -0.59 0.00
ALCOA___DSASP 323711	20.56 -0.55 0.00	19.62 -0.40 0.00	17.84 -0.27 0.00	17.07 -0.28 0.00	17.56 -0.27 0.00	18.85 -0.31 0.00	20.13 -0.45 0.00	21.56 -0.60 0.00	22.92 -0.59 0.00	23.92 -0.59 0.00	24.52 -0.55 0.00	25.96 -0.61 0.00	27.01 -0.63 0.00	28.10 -0.75 0.00	28.85 -0.80 0.00	28.64 -0.82 0.00	30.84 -0.79 0.00	32.49 -0.80 0.00	30.95 -0.73 0.00	29.46 -0.69 0.00	27.57 -0.68 0.00	24.56 -0.66 0.00	22.25 -0.64 0.00	20.41 -0.59 0.00
ALLEGHENY___COGEN 23514	22.67 1.56 0.00	21.14 1.12 0.00	19.07 0.96 0.00	18.21 0.87 0.00	18.71 0.89 0.00	20.15 1.00 0.00	21.59 1.01 0.00	23.00 0.84 0.00	24.25 0.75 0.00	25.20 0.69 0.00	25.92 0.85 0.00	27.29 0.72 0.00	28.33 0.69 0.00	29.51 0.66 0.00	30.24 0.59 0.00	30.88 1.41 0.00	32.64 1.01 0.00	34.29 1.00 0.00	32.76 1.08 0.00	31.60 1.45 0.00	29.80 1.55 0.00	26.73 1.51 0.00	24.17 1.28 0.00	22.47 1.47 0.00
ALTAMONT_115KV_TB 2 55880	21.83 0.72 0.00	20.66 0.64 0.00	18.69 0.58 0.00	17.90 0.56 0.00	18.39 0.57 0.00	19.77 0.61 0.00	21.24 0.66 0.00	23.04 0.89 0.00	24.42 0.92 0.00	25.39 0.88 0.00	25.91 0.85 0.01	27.46 0.96 0.07	28.61 1.05 0.08	29.97 1.13 0.00	30.83 1.19 0.00	30.55 1.09 0.00	32.86 1.23 0.00	34.59 1.30 0.00	32.91 1.24 0.00	31.30 1.15 0.00	29.32 1.07 0.00	26.20 0.98 0.00	23.81 0.92 0.00	21.69 0.69 0.00
ALTONA_WT_PWR 323606	20.33 -0.78 0.00	19.40 -0.62 0.00	17.53 -0.58 0.00	16.83 -0.52 0.00	17.40 -0.43 0.00	18.72 -0.44 0.00	20.11 -0.47 0.00	21.34 -0.82 0.00	22.84 -0.66 0.00	24.07 -0.44 0.00	24.57 -0.50 0.00	25.96 -0.61 0.00	26.95 -0.69 0.00	27.81 -1.04 0.00	28.70 -0.95 0.00	28.73 -0.74 0.00	31.44 -0.19 0.00	33.16 -0.13 0.00	31.62 -0.06 0.00	30.07 -0.09 0.00	28.08 -0.17 0.00	24.89 -0.33 0.00	22.48 -0.41 0.00	20.54 -0.46 0.00
AMERICAN_REF_FUEL 24010	21.49 0.38 0.00	20.02 0.00 0.00	18.16 0.05 0.00	17.33 -0.02 0.00	17.79 -0.04 0.00	19.02 -0.13 0.00	20.31 -0.27 0.00	21.65 -0.51 0.00	23.01 -0.49 0.00	24.10 -0.42 0.00	24.89 -0.17 0.00	26.26 -0.32 0.00	27.09 -0.55 0.00	28.33 -0.52 0.00	28.97 -0.68 0.00	29.26 -0.20 0.00	30.71 -0.92 0.00	32.19 -1.10 0.00	30.73 -0.95 0.00	29.37 -0.78 0.00	27.63 -0.62 0.00	24.87 -0.35 0.00	22.50 -0.39 0.00	21.13 0.13 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	22.52 1.41 0.00	20.94 0.92 0.00	18.91 0.80 0.00	18.04 0.69 0.00	18.54 0.71 0.00	19.87 0.71 0.00	21.32 0.74 0.00	22.93 0.78 0.00	24.51 1.01 0.00	25.66 1.15 0.00	26.57 1.50 0.00	27.95 1.38 0.00	28.83 1.19 0.00	30.21 1.36 0.00	30.89 1.24 0.00	31.08 1.62 0.00	32.45 0.82 0.00	33.95 0.67 0.00	32.37 0.70 0.00	30.94 0.78 0.00	29.15 0.90 0.00	26.20 0.98 0.00	23.67 0.78 0.00	22.24 1.24 0.00
ARTHUR_KILL_GT_1 23520	22.76 1.65 -0.01	21.46 1.44 0.00	19.38 1.27 0.00	18.56 1.21 0.00	19.09 1.27 0.00	20.44 1.28 0.00	21.94 1.36 0.00	24.16 1.99 -0.01	25.54 2.04 0.01	26.79 2.23 -0.05	27.13 2.06 -0.01	29.03 2.31 -0.14	30.19 2.43 -0.11	31.38 2.54 0.01	32.25 2.61 0.01	32.01 2.50 -0.05	34.44 2.81 0.01	36.08 2.80 0.01	34.21 2.54 0.01	32.44 2.29 0.01	30.38 2.15 0.01	27.21 1.99 0.00	24.92 2.01 -0.02	22.59 1.60 0.00
ARTHUR_KILL_2 23512	22.70 1.58 -0.01	21.40 1.38 0.00	19.32 1.21 0.00	18.51 1.16 0.00	19.04 1.21 0.00	20.39 1.23 0.00	21.88 1.30 0.00	24.09 1.93 -0.01	25.44 1.95 0.01	26.69 2.13 -0.05	27.03 1.96 -0.01	28.92 2.20 -0.14	30.08 2.32 -0.11	31.27 2.42 0.01	32.13 2.49 0.01	31.93 2.42 -0.05	34.31 2.69 0.01	35.94 2.66 0.01	34.08 2.41 0.01	32.32 2.17 0.01	30.27 2.03 0.01	27.11 1.89 0.00	24.85 1.94 -0.02	22.53 1.53 0.00
ARTHUR_KILL_3 23513	22.40 1.29 0.00	21.12 1.10 0.00	19.09 0.98 0.00	18.30 0.95 0.00	18.80 0.98 0.00	20.23 1.07 0.00	21.84 1.26 0.00	24.02 1.86 0.00	25.43 1.93 0.00	26.60 2.03 -0.05	26.99 1.90 -0.02	28.85 2.13 -0.15	29.95 2.18 -0.12	31.07 2.22 0.00	31.90 2.25 0.00	31.67 2.15 -0.05	34.06 2.44 0.00	35.69 2.40 0.00	33.83 2.16 0.00	32.12 1.96 0.00	30.17 1.92 0.00	26.98 1.76 0.00	24.69 1.79 -0.01	22.26 1.26 0.00
ARTHUR_KILL_COGEN 323718	22.76 1.65 -0.01	21.46 1.44 0.00	19.38 1.27 0.00	18.56 1.21 0.00	19.09 1.27 0.00	20.44 1.28 0.00	21.94 1.36 0.00	24.16 1.99 -0.01	25.54 2.04 0.01	26.79 2.23 -0.05	27.13 2.06 -0.01	29.03 2.31 -0.14	30.19 2.43 -0.11	31.38 2.54 0.01	32.25 2.61 0.01	32.01 2.50 -0.05	34.44 2.81 0.01	36.08 2.80 0.01	34.21 2.54 0.01	32.44 2.29 0.01	30.38 2.15 0.01	27.21 1.99 0.00	24.92 2.01 -0.02	22.59 1.60 0.00
ASHOKAN____ 23654	22.16 1.05 0.00	20.88 0.86 0.00	18.84 0.73 0.00	18.09 0.75 0.00	18.55 0.73 0.00	19.83 0.67 0.00	21.34 0.76 0.00	23.09 0.93 0.00	24.25 0.75 0.00	25.15 0.64 0.00	25.69 0.63 0.00	28.14 1.57 0.00	29.36 1.71 0.00	29.83 0.98 0.00	30.66 1.01 0.00	30.41 0.94 0.00	32.74 1.11 0.00	34.52 1.23 0.00	32.91 1.23 0.00	31.39 1.24 0.00	29.32 1.07 0.00	26.41 1.19 0.00	23.99 1.10 0.00	21.88 0.88 0.00

ASTORIA_EAST_ENERGY_CC1 323581	22.70 1.58 -0.01	21.41 1.38 -0.01	19.35 1.23 -0.01	18.57 1.21 -0.01	19.08 1.25 -0.01	20.44 1.28 0.00	22.00 1.42 0.00	24.20 2.04 -0.01	25.50 2.00 0.00	26.63 2.11 -0.01	27.14 2.06 -0.02	28.88 2.20 -0.11	30.06 2.29 -0.12	31.22 2.37 -0.01	32.09 2.43 -0.01	31.80 2.33 -0.01	34.29 2.66 -0.01	36.05 2.76 0.00	34.18 2.50 0.00	32.48 2.32 0.00	30.34 2.09 0.00	27.16 1.94 0.00	24.96 2.06 -0.01	22.56 1.55 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	22.70 1.58 -0.01	21.41 1.38 -0.01	19.35 1.23 -0.01	18.57 1.21 -0.01	19.08 1.25 -0.01	20.44 1.28 0.00	22.00 1.42 0.00	24.20 2.04 -0.01	25.50 2.00 0.00	26.63 2.11 -0.01	27.14 2.06 -0.02	28.88 2.20 -0.11	30.06 2.29 -0.12	31.22 2.37 -0.01	32.09 2.43 -0.01	31.80 2.33 -0.01	34.29 2.66 -0.01	36.05 2.76 0.00	34.18 2.50 0.00	32.48 2.32 0.00	30.34 2.09 0.00	27.16 1.94 0.00	24.96 2.06 -0.01	22.56 1.55 -0.01
ASTORIA_GT2_1 24094	22.70 1.58 -0.01	21.41 1.38 -0.01	19.40 1.29 -0.01	18.57 1.21 -0.01	19.10 1.27 -0.01	20.46 1.30 0.00	22.00 1.42 0.00	24.22 2.06 -0.01	25.52 2.02 0.00	26.65 2.13 -0.01	27.14 2.06 -0.02	28.91 2.23 -0.11	30.09 2.32 -0.12	31.28 2.42 -0.01	32.09 2.43 -0.01	31.77 2.30 -0.01	34.29 2.66 -0.01	36.05 2.76 0.00	34.21 2.53 0.00	32.48 2.32 0.00	30.34 2.09 0.00	27.16 1.94 0.00	24.98 2.08 -0.01	22.58 1.57 -0.01
ASTORIA_GT2_2 24095	22.70 1.58 -0.01	21.41 1.38 -0.01	19.40 1.29 -0.01	18.57 1.21 -0.01	19.10 1.27 -0.01	20.46 1.30 0.00	22.00 1.42 0.00	24.22 2.06 -0.01	25.52 2.02 0.00	26.65 2.13 -0.01	27.14 2.06 -0.02	28.91 2.23 -0.11	30.09 2.32 -0.12	31.28 2.42 -0.01	32.09 2.43 -0.01	31.77 2.30 -0.01	34.29 2.66 -0.01	36.05 2.76 0.00	34.21 2.53 0.00	32.48 2.32 0.00	30.34 2.09 0.00	27.16 1.94 0.00	24.98 2.08 -0.01	22.58 1.57 -0.01
ASTORIA_GT2_3 24096	22.70 1.58 -0.01	21.41 1.38 -0.01	19.40 1.29 -0.01	18.57 1.21 -0.01	19.10 1.27 -0.01	20.46 1.30 0.00	22.00 1.42 0.00	24.22 2.06 -0.01	25.52 2.02 0.00	26.65 2.13 -0.01	27.14 2.06 -0.02	28.91 2.23 -0.11	30.09 2.32 -0.12	31.28 2.42 -0.01	32.09 2.43 -0.01	31.77 2.30 -0.01	34.29 2.66 -0.01	36.05 2.76 0.00	34.21 2.53 0.00	32.48 2.32 0.00	30.34 2.09 0.00	27.16 1.94 0.00	24.98 2.08 -0.01	22.58 1.57 -0.01
ASTORIA_GT2_4 24097	22.70 1.58 -0.01	21.41 1.38 -0.01	19.40 1.29 -0.01	18.57 1.21 -0.01	19.10 1.27 -0.01	20.46 1.30 0.00	22.00 1.42 0.00	24.22 2.06 -0.01	25.52 2.02 0.00	26.65 2.13 -0.01	27.14 2.06 -0.02	28.91 2.23 -0.11	30.09 2.32 -0.12	31.28 2.42 -0.01	32.09 2.43 -0.01	31.77 2.30 -0.01	34.29 2.66 -0.01	36.05 2.76 0.00	34.21 2.53 0.00	32.48 2.32 0.00	30.34 2.09 0.00	27.16 1.94 0.00	24.98 2.08 -0.01	22.58 1.57 -0.01
ASTORIA_GT3_1 24098	22.70 1.58 -0.01	21.41 1.38 -0.01	19.40 1.29 -0.01	18.57 1.21 -0.01	19.10 1.27 -0.01	20.46 1.30 0.00	22.00 1.42 0.00	24.22 2.06 -0.01	25.52 2.02 0.00	26.65 2.13 -0.01	27.14 2.06 -0.02	28.91 2.23 -0.11	30.09 2.32 -0.12	31.28 2.42 -0.01	32.09 2.43 -0.01	31.77 2.30 -0.01	34.29 2.66 -0.01	36.05 2.76 0.00	34.21 2.53 0.00	32.48 2.32 0.00	30.34 2.09 0.00	27.16 1.94 0.00	24.98 2.08 -0.01	22.58 1.57 -0.01
ASTORIA_GT3_2 24099	22.70 1.58 -0.01	21.41 1.38 -0.01	19.40 1.29 -0.01	18.57 1.21 -0.01	19.10 1.27 -0.01	20.46 1.30 0.00	22.00 1.42 0.00	24.22 2.06 -0.01	25.52 2.02 0.00	26.65 2.13 -0.01	27.14 2.06 -0.02	28.91 2.23 -0.11	30.09 2.32 -0.12	31.28 2.42 -0.01	32.09 2.43 -0.01	31.77 2.30 -0.01	34.29 2.66 -0.01	36.05 2.76 0.00	34.21 2.53 0.00	32.48 2.32 0.00	30.34 2.09 0.00	27.16 1.94 0.00	24.98 2.08 -0.01	22.58 1.57 -0.01
ASTORIA_GT3_3 24100	22.70 1.58 -0.01	21.41 1.38 -0.01	19.40 1.29 -0.01	18.57 1.21 -0.01	19.10 1.27 -0.01	20.46 1.30 0.00	22.00 1.42 0.00	24.22 2.06 -0.01	25.52 2.02 0.00	26.65 2.13 -0.01	27.14 2.06 -0.02	28.91 2.23 -0.11	30.09 2.32 -0.12	31.28 2.42 -0.01	32.09 2.43 -0.01	31.77 2.30 -0.01	34.29 2.66 -0.01	36.05 2.76 0.00	34.21 2.53 0.00	32.48 2.32 0.00	30.34 2.09 0.00	27.16 1.94 0.00	24.98 2.08 -0.01	22.58 1.57 -0.01
ASTORIA_GT3_4 24101	22.70 1.58 -0.01	21.41 1.38 -0.01	19.40 1.29 -0.01	18.57 1.21 -0.01	19.10 1.27 -0.01	20.46 1.30 0.00	22.00 1.42 0.00	24.22 2.06 -0.01	25.52 2.02 0.00	26.65 2.13 -0.01	27.14 2.06 -0.02	28.91 2.23 -0.11	30.09 2.32 -0.12	31.28 2.42 -0.01	32.09 2.43 -0.01	31.77 2.30 -0.01	34.29 2.66 -0.01	36.05 2.76 0.00	34.21 2.53 0.00	32.48 2.32 0.00	30.34 2.09 0.00	27.16 1.94 0.00	24.98 2.08 -0.01	22.58 1.57 -0.01
ASTORIA_GT4_1 24102	22.70 1.58 -0.01	21.41 1.38 -0.01	19.40 1.29 -0.01	18.57 1.21 -0.01	19.10 1.27 -0.01	20.46 1.30 0.00	22.00 1.42 0.00	24.22 2.06 -0.01	25.52 2.02 0.00	26.65 2.13 -0.01	27.14 2.06 -0.02	28.91 2.23 -0.11	30.09 2.32 -0.12	31.28 2.42 -0.01	32.09 2.43 -0.01	31.77 2.30 -0.01	34.29 2.66 -0.01	36.05 2.76 0.00	34.21 2.53 0.00	32.48 2.32 0.00	30.34 2.09 0.00	27.16 1.94 0.00	24.98 2.08 -0.01	22.58 1.57 -0.01
ASTORIA_GT4_2 24103	22.70 1.58 -0.01	21.41 1.38 -0.01	19.40 1.29 -0.01	18.57 1.21 -0.01	19.10 1.27 -0.01	20.46 1.30 0.00	22.00 1.42 0.00	24.22 2.06 -0.01	25.52 2.02 0.00	26.65 2.13 -0.01	27.14 2.06 -0.02	28.91 2.23 -0.11	30.09 2.32 -0.12	31.28 2.42 -0.01	32.09 2.43 -0.01	31.77 2.30 -0.01	34.29 2.66 -0.01	36.05 2.76 0.00	34.21 2.53 0.00	32.48 2.32 0.00	30.34 2.09 0.00	27.16 1.94 0.00	24.98 2.08 -0.01	22.58 1.57 -0.01
ASTORIA_GT4_3 24104	22.70 1.58 -0.01	21.41 1.38 -0.01	19.40 1.29 -0.01	18.57 1.21 -0.01	19.10 1.27 -0.01	20.46 1.30 0.00	22.00 1.42 0.00	24.22 2.06 -0.01	25.52 2.02 0.00	26.65 2.13 -0.01	27.14 2.06 -0.02	28.91 2.23 -0.11	30.09 2.32 -0.12	31.28 2.42 -0.01	32.09 2.43 -0.01	31.77 2.30 -0.01	34.29 2.66 -0.01	36.05 2.76 0.00	34.21 2.53 0.00	32.48 2.32 0.00	30.34 2.09 0.00	27.16 1.94 0.00	24.98 2.08 -0.01	22.58 1.57 -0.01
ASTORIA_GT4_4 24105	22.70 1.58 -0.01	21.41 1.38 -0.01	19.40 1.29 -0.01	18.57 1.21 -0.01	19.10 1.27 -0.01	20.46 1.30 0.00	22.00 1.42 0.00	24.22 2.06 -0.01	25.52 2.02 0.00	26.65 2.13 -0.01	27.14 2.06 -0.02	28.91 2.23 -0.11	30.09 2.32 -0.12	31.28 2.42 -0.01	32.09 2.43 -0.01	31.77 2.30 -0.01	34.29 2.66 -0.01	36.05 2.76 0.00	34.21 2.53 0.00	32.48 2.32 0.00	30.34 2.09 0.00	27.16 1.94 0.00	24.98 2.08 -0.01	22.58 1.57 -0.01
ASTORIA_GT_1 23523	22.74 1.63 -0.01	21.45 1.42 -0.01	19.40 1.29 -0.01	18.60 1.25 -0.01	19.12 1.28 -0.01	20.50 1.34 0.00	22.04 1.46 0.00	24.27 2.11 -0.01	25.57 2.07 0.00	26.70 2.18 -0.01	27.21 2.13 -0.02	28.97 2.29 -0.11	30.14 2.38 -0.12	31.31 2.45 -0.01	32.17 2.52 -0.01	31.89 2.42 -0.01	34.39 2.75 -0.01	36.15 2.86 0.00	34.28 2.60 0.00	32.57 2.41 0.00	30.42 2.18 0.00	27.24 2.02 0.00	25.03 2.13 -0.01	22.62 1.62 -0.01

ASTORIA_GT_10 24110	22.61 1.50 0.00	21.32 1.30 0.00	19.31 1.20 0.00	18.47 1.13 0.00	19.00 1.18 0.00	20.40 1.25 0.00	21.98 1.40 0.00	24.20 2.04 -0.01	25.57 2.07 0.00	26.73 2.21 -0.01	27.16 2.08 -0.02	28.97 2.29 -0.11	30.17 2.40 -0.12	31.37 2.51 -0.01	32.18 2.52 -0.01	31.86 2.39 -0.01	34.36 2.72 -0.01	35.98 2.70 0.00	34.15 2.47 0.00	32.42 2.26 0.00	30.34 2.09 0.00	27.14 1.92 0.00	24.86 1.97 0.00	22.47 1.47 0.00
ASTORIA_GT_11 24225	22.61 1.50 0.00	21.32 1.30 0.00	19.31 1.20 0.00	18.47 1.13 0.00	19.00 1.18 0.00	20.40 1.25 0.00	21.98 1.40 0.00	24.20 2.04 -0.01	25.57 2.07 0.00	26.73 2.21 -0.01	27.16 2.08 -0.02	28.97 2.29 -0.11	30.17 2.40 -0.12	31.37 2.51 -0.01	32.18 2.52 -0.01	31.86 2.39 -0.01	34.36 2.72 -0.01	35.98 2.70 0.00	34.15 2.47 0.00	32.42 2.26 0.00	30.34 2.09 0.00	27.14 1.92 0.00	24.86 1.97 0.00	22.47 1.47 0.00
ASTORIA_GT_12 24226	22.61 1.50 0.00	21.32 1.30 0.00	19.31 1.20 0.00	18.47 1.13 0.00	19.00 1.18 0.00	20.40 1.25 0.00	21.98 1.40 0.00	24.20 2.04 -0.01	25.57 2.07 0.00	26.73 2.21 -0.01	27.16 2.08 -0.02	28.97 2.29 -0.11	30.17 2.40 -0.12	31.37 2.51 -0.01	32.18 2.52 -0.01	31.86 2.39 -0.01	34.36 2.72 -0.01	35.98 2.70 0.00	34.15 2.47 0.00	32.42 2.26 0.00	30.34 2.09 0.00	27.14 1.92 0.00	24.86 1.97 0.00	22.47 1.47 0.00
ASTORIA_GT_13 24227	22.61 1.50 0.00	21.32 1.30 0.00	19.31 1.20 0.00	18.47 1.13 0.00	19.00 1.18 0.00	20.40 1.25 0.00	21.98 1.40 0.00	24.20 2.04 -0.01	25.57 2.07 0.00	26.73 2.21 -0.01	27.16 2.08 -0.02	28.97 2.29 -0.11	30.17 2.40 -0.12	31.37 2.51 -0.01	32.18 2.52 -0.01	31.86 2.39 -0.01	34.36 2.72 -0.01	35.98 2.70 0.00	34.15 2.47 0.00	32.42 2.26 0.00	30.34 2.09 0.00	27.14 1.92 0.00	24.86 1.97 0.00	22.47 1.47 0.00
ASTORIA_GT_5 24106	22.74 1.63 -0.01	21.45 1.42 -0.01	19.40 1.29 -0.01	18.60 1.25 -0.01	19.12 1.28 -0.01	20.50 1.34 0.00	22.04 1.46 0.00	24.27 2.11 -0.01	25.57 2.07 0.00	26.70 2.18 -0.01	27.21 2.13 -0.02	28.97 2.29 -0.11	30.14 2.38 -0.12	31.31 2.45 -0.01	32.17 2.52 -0.01	31.89 2.42 -0.01	34.39 2.75 -0.01	36.15 2.86 0.00	34.28 2.60 0.00	32.57 2.41 0.00	30.42 2.18 0.00	27.24 2.02 0.00	25.03 2.13 -0.01	22.62 1.62 -0.01
ASTORIA_GT_7 24107	22.74 1.63 -0.01	21.45 1.42 -0.01	19.40 1.29 -0.01	18.60 1.25 -0.01	19.12 1.28 -0.01	20.50 1.34 0.00	22.04 1.46 0.00	24.27 2.11 -0.01	25.57 2.07 0.00	26.70 2.18 -0.01	27.21 2.13 -0.02	28.97 2.29 -0.11	30.14 2.38 -0.12	31.31 2.45 -0.01	32.17 2.52 -0.01	31.89 2.42 -0.01	34.39 2.75 -0.01	36.15 2.86 0.00	34.28 2.60 0.00	32.57 2.41 0.00	30.42 2.18 0.00	27.24 2.02 0.00	25.03 2.13 -0.01	22.62 1.62 -0.01
ASTORIA_GT_8 24108	22.74 1.63 -0.01	21.45 1.42 -0.01	19.44 1.32 -0.01	18.60 1.25 -0.01	19.12 1.28 -0.01	20.50 1.34 0.00	22.04 1.46 0.00	24.27 2.10 -0.01	25.57 2.07 0.00	26.70 2.18 -0.01	27.19 2.11 -0.02	28.97 2.29 -0.11	30.17 2.40 -0.12	31.37 2.51 -0.01	32.15 2.49 -0.01	31.86 2.39 -0.01	34.39 2.75 -0.01	36.15 2.86 0.00	34.31 2.63 0.00	32.54 2.38 0.00	30.42 2.18 0.00	27.24 2.02 0.00	25.03 2.13 -0.01	22.62 1.62 -0.01
ASTORIA___2 24149	22.70 1.58 -0.01	21.41 1.38 -0.01	19.37 1.25 -0.01	18.57 1.21 -0.01	19.10 1.27 -0.01	20.46 1.30 0.00	22.00 1.42 0.00	24.22 2.06 -0.01	25.52 2.02 0.00	26.65 2.13 -0.01	27.14 2.06 -0.02	28.91 2.23 -0.11	30.09 2.32 -0.12	31.25 2.39 -0.01	32.11 2.46 -0.01	31.83 2.36 -0.01	34.32 2.69 -0.01	36.08 2.80 0.00	34.21 2.54 0.00	32.48 2.32 0.00	30.34 2.09 0.00	27.16 1.94 0.00	24.98 2.08 -0.01	22.58 1.58 -0.01
ASTORIA___3 23516	22.61 1.50 0.00	21.32 1.30 0.00	19.29 1.18 0.00	18.47 1.13 0.00	19.00 1.18 0.00	20.40 1.24 0.00	21.98 1.40 0.00	24.20 2.04 -0.01	25.57 2.07 0.00	26.73 2.21 -0.01	27.16 2.08 -0.02	28.97 2.29 -0.11	30.17 2.40 -0.12	31.34 2.48 -0.01	32.17 2.52 -0.01	31.89 2.42 -0.01	34.36 2.72 -0.01	35.98 2.70 0.00	34.15 2.47 0.00	32.42 2.26 0.00	30.34 2.09 0.00	27.14 1.92 0.00	24.86 1.97 0.00	22.47 1.47 0.00
ASTORIA___4 23517	22.61 1.50 0.00	21.32 1.30 0.00	19.31 1.20 0.00	18.47 1.13 0.00	19.00 1.18 0.00	20.40 1.25 0.00	21.98 1.40 0.00	24.20 2.04 -0.01	25.57 2.07 0.00	26.73 2.21 -0.01	27.16 2.08 -0.02	28.97 2.29 -0.11	30.17 2.40 -0.12	31.37 2.51 -0.01	32.18 2.52 -0.01	31.86 2.39 -0.01	34.36 2.72 -0.01	35.98 2.70 0.00	34.15 2.47 0.00	32.42 2.26 0.00	30.34 2.09 0.00	27.14 1.92 0.00	24.86 1.97 0.00	22.47 1.47 0.00
ASTORIA___5 23518	22.61 1.50 0.00	21.32 1.30 0.00	19.29 1.18 0.00	18.47 1.13 0.00	19.00 1.18 0.00	20.40 1.24 0.00	21.98 1.40 0.00	24.20 2.04 -0.01	25.57 2.07 0.00	26.73 2.21 -0.01	27.16 2.08 -0.02	28.97 2.29 -0.11	30.17 2.40 -0.12	31.34 2.48 -0.01	32.17 2.52 -0.01	31.89 2.42 -0.01	34.36 2.72 -0.01	35.98 2.70 0.00	34.15 2.47 0.00	32.42 2.26 0.00	30.34 2.09 0.00	27.14 1.92 0.00	24.86 1.97 0.00	22.47 1.47 0.00
AST_ENERGY_2_CC3 323677	22.48 1.37 0.00	21.20 1.18 0.00	19.18 1.07 0.00	18.37 1.02 0.00	18.89 1.07 0.00	20.31 1.15 0.00	21.90 1.32 0.00	24.08 1.93 0.00	25.48 1.97 0.00	26.59 2.08 0.00	27.04 1.96 -0.02	28.82 2.15 -0.10	29.99 2.24 -0.11	31.16 2.31 0.00	31.99 2.34 0.00	31.70 2.24 0.00	34.19 2.56 0.00	35.82 2.53 0.00	33.96 2.28 0.00	32.24 2.08 0.00	30.22 1.98 0.00	27.04 1.82 0.00	24.72 1.83 0.00	22.34 1.35 0.00
AST_ENERGY_2_CC4 323678	22.48 1.37 0.00	21.20 1.18 0.00	19.18 1.07 0.00	18.37 1.02 0.00	18.89 1.07 0.00	20.31 1.15 0.00	21.90 1.32 0.00	24.08 1.93 0.00	25.48 1.97 0.00	26.59 2.08 0.00	27.04 1.96 -0.02	28.82 2.15 -0.10	29.99 2.24 -0.11	31.16 2.31 0.00	31.99 2.34 0.00	31.70 2.24 0.00	34.19 2.56 0.00	35.82 2.53 0.00	33.96 2.28 0.00	32.24 2.08 0.00	30.22 1.98 0.00	27.04 1.82 0.00	24.72 1.83 0.00	22.34 1.35 0.00
ATHENS_STG_1 23668	21.99 0.89 0.00	20.80 0.78 0.00	18.82 0.71 0.00	18.02 0.68 0.00	18.50 0.68 0.00	19.90 0.75 0.00	21.40 0.82 0.00	23.28 1.13 0.00	24.65 1.15 0.00	25.66 1.15 0.00	26.15 1.08 0.00	27.83 1.22 -0.03	28.98 1.30 -0.03	30.23 1.38 0.00	31.07 1.42 0.00	30.82 1.36 0.00	33.15 1.52 0.00	34.85 1.56 0.00	33.14 1.46 0.00	31.52 1.36 0.00	29.52 1.27 0.00	26.38 1.16 0.00	24.01 1.12 0.00	21.86 0.86 0.00
ATHENS_STG_2 23670	21.99 0.89 0.00	20.80 0.78 0.00	18.82 0.71 0.00	18.02 0.68 0.00	18.50 0.68 0.00	19.90 0.75 0.00	21.40 0.82 0.00	23.28 1.13 0.00	24.65 1.15 0.00	25.66 1.15 0.00	26.15 1.08 0.00	27.83 1.22 -0.03	28.98 1.30 -0.03	30.23 1.38 0.00	31.07 1.42 0.00	30.82 1.36 0.00	33.15 1.52 0.00	34.85 1.56 0.00	33.14 1.46 0.00	31.52 1.36 0.00	29.52 1.27 0.00	26.38 1.16 0.00	24.01 1.12 0.00	21.86 0.86 0.00

ATHENS_STG_3 23677	21.99 0.89 0.00	20.80 0.78 0.00	18.82 0.71 0.00	18.02 0.68 0.00	18.50 0.68 0.00	19.90 0.75 0.00	21.40 0.82 0.00	23.28 1.13 0.00	24.65 1.15 0.00	25.66 1.15 0.00	26.15 1.08 0.00	27.83 1.22 -0.03	28.98 1.30 -0.03	30.23 1.38 0.00	31.07 1.42 0.00	30.82 1.36 0.00	33.15 1.52 0.00	34.85 1.56 0.00	33.14 1.46 0.00	31.52 1.36 0.00	29.52 1.27 0.00	26.38 1.16 0.00	24.01 1.12 0.00	21.86 0.86 0.00
AUBURN____LFGE 323710	21.68 0.57 0.00	20.42 0.40 0.00	18.44 0.33 0.00	17.68 0.33 0.00	18.16 0.34 0.00	19.54 0.38 0.00	21.05 0.47 0.00	22.66 0.51 0.00	24.09 0.59 0.00	25.17 0.66 0.00	25.77 0.70 0.00	27.26 0.69 0.00	28.33 0.69 0.00	29.54 0.69 0.00	30.39 0.74 0.00	30.44 0.97 0.00	32.45 0.82 0.00	34.12 0.83 0.00	32.50 0.82 0.00	30.94 0.78 0.00	28.98 0.73 0.00	25.88 0.66 0.00	23.44 0.55 0.00	21.59 0.59 0.00
BABYLON_RES_REC 323704	36.20 2.07 -13.02	30.08 1.86 -8.20	27.49 1.68 -7.70	24.10 1.61 -5.14	24.74 1.66 -5.26	27.47 1.80 -6.51	27.20 2.02 -4.60	31.06 2.64 -6.27	34.02 2.72 -7.80	35.63 2.84 -8.28	37.64 2.41 -10.17	36.70 2.63 -7.49	45.85 2.71 -15.50	43.84 2.68 -12.31	45.88 2.79 -13.45	45.91 2.71 -13.74	45.94 3.01 -11.30	45.98 3.10 -9.60	44.74 2.88 -10.18	42.11 2.77 -9.18	41.90 2.71 -10.94	37.36 2.67 -9.47	33.80 2.63 -8.28	32.16 2.08 -9.08
BABYLON__69_KV_BK2 356345	36.64 2.41 -13.12	30.38 2.16 -8.20	27.76 1.96 -7.70	24.34 1.86 -5.14	24.97 1.89 -5.26	27.72 2.05 -6.51	27.49 2.31 -4.60	31.37 2.95 -6.27	34.40 3.10 -7.80	36.56 3.24 -8.82	38.72 3.13 -10.52	37.97 3.35 -8.05	46.79 3.48 -15.66	45.19 3.58 -12.76	48.27 3.62 -15.01	47.46 3.45 -14.55	48.31 3.86 -12.82	50.00 3.96 -12.75	46.95 3.71 -11.57	43.15 3.47 -9.52	43.01 3.42 -11.34	38.80 3.13 -10.45	34.94 3.00 -9.05	32.60 2.39 -9.20
BARON_WINDS____WT_PWR 323822	21.87 0.76 0.00	20.42 0.40 0.00	18.45 0.34 0.00	17.66 0.31 0.00	18.13 0.30 0.00	19.46 0.31 0.00	20.93 0.35 0.00	22.47 0.31 0.00	23.90 0.40 0.00	25.03 0.52 0.00	25.77 0.70 0.00	27.24 0.66 0.00	28.23 0.58 0.00	29.54 0.69 0.00	30.27 0.62 0.00	30.44 0.97 0.00	32.10 0.48 0.00	33.72 0.43 0.00	32.15 0.48 0.00	30.64 0.48 0.00	28.78 0.54 0.00	25.82 0.60 0.00	23.35 0.46 0.00	21.67 0.67 0.00
BARRETT_IC_1 23704	35.84 1.75 -12.98	29.76 1.54 -8.20	27.20 1.39 -7.69	23.85 1.37 -5.14	24.47 1.39 -5.26	27.16 1.50 -6.51	26.83 1.65 -4.60	30.51 2.08 -6.27	33.39 2.09 -7.79	34.72 2.18 -8.03	37.10 2.03 -10.01	36.07 2.26 -7.24	45.41 2.35 -15.42	43.39 2.45 -12.09	44.89 2.52 -12.73	45.24 2.42 -13.36	44.95 2.72 -10.60	44.19 2.76 -8.14	43.75 2.54 -9.53	41.53 2.35 -9.02	40.96 2.23 -10.48	36.25 2.02 -9.02	33.03 2.22 -7.92	31.75 1.72 -9.03
BARRETT_IC_10 23701	35.84 1.75 -12.98	29.76 1.54 -8.20	27.20 1.39 -7.69	23.85 1.37 -5.14	24.47 1.39 -5.26	27.16 1.50 -6.51	26.83 1.65 -4.60	30.51 2.08 -6.27	33.39 2.09 -7.79	34.72 2.18 -8.03	37.10 2.03 -10.01	36.07 2.26 -7.24	45.41 2.35 -15.42	43.39 2.45 -12.09	44.89 2.52 -12.73	45.24 2.42 -13.36	44.95 2.72 -10.60	44.19 2.76 -8.14	43.75 2.54 -9.53	41.53 2.35 -9.02	40.96 2.23 -10.48	36.25 2.02 -9.02	33.03 2.22 -7.92	31.75 1.72 -9.03
BARRETT_IC_11 23702	35.84 1.75 -12.98	29.76 1.54 -8.20	27.20 1.39 -7.69	23.85 1.37 -5.14	24.47 1.39 -5.26	27.16 1.50 -6.51	26.83 1.65 -4.60	30.51 2.08 -6.27	33.39 2.09 -7.79	34.72 2.18 -8.03	37.10 2.03 -10.01	36.07 2.26 -7.24	45.41 2.35 -15.42	43.39 2.45 -12.09	44.89 2.52 -12.73	45.24 2.42 -13.36	44.95 2.72 -10.60	44.19 2.76 -8.14	43.75 2.54 -9.53	41.53 2.35 -9.02	40.96 2.23 -10.48	36.25 2.02 -9.02	33.03 2.22 -7.92	31.75 1.72 -9.03
BARRETT_IC_12 23703	35.84 1.75 -12.98	29.76 1.54 -8.20	27.20 1.39 -7.69	23.85 1.37 -5.14	24.47 1.39 -5.26	27.16 1.50 -6.51	26.83 1.65 -4.60	30.51 2.08 -6.27	33.39 2.09 -7.79	34.72 2.18 -8.03	37.10 2.03 -10.01	36.07 2.26 -7.24	45.41 2.35 -15.42	43.39 2.45 -12.09	44.89 2.52 -12.73	45.24 2.42 -13.36	44.95 2.72 -10.60	44.19 2.76 -8.14	43.75 2.54 -9.53	41.53 2.35 -9.02	40.96 2.23 -10.48	36.25 2.02 -9.02	33.03 2.22 -7.92	31.75 1.72 -9.03
BARRETT_IC_2 23705	35.84 1.75 -12.98	29.76 1.54 -8.20	27.20 1.39 -7.69	23.85 1.37 -5.14	24.47 1.39 -5.26	27.16 1.50 -6.51	26.83 1.65 -4.60	30.51 2.08 -6.27	33.39 2.09 -7.79	34.72 2.18 -8.03	37.10 2.03 -10.01	36.07 2.26 -7.24	45.41 2.35 -15.42	43.39 2.45 -12.09	44.89 2.52 -12.73	45.24 2.42 -13.36	44.95 2.72 -10.60	44.19 2.76 -8.14	43.75 2.54 -9.53	41.53 2.35 -9.02	40.96 2.23 -10.48	36.25 2.02 -9.02	33.03 2.22 -7.92	31.75 1.72 -9.03
BARRETT_IC_3 23706	35.84 1.75 -12.98	29.76 1.54 -8.20	27.20 1.39 -7.69	23.85 1.37 -5.14	24.47 1.39 -5.26	27.16 1.50 -6.51	26.83 1.65 -4.60	30.51 2.08 -6.27	33.39 2.09 -7.79	34.72 2.18 -8.03	37.10 2.03 -10.01	36.07 2.26 -7.24	45.41 2.35 -15.42	43.39 2.45 -12.09	44.89 2.52 -12.73	45.24 2.42 -13.36	44.95 2.72 -10.60	44.19 2.76 -8.14	43.75 2.54 -9.53	41.53 2.35 -9.02	40.96 2.23 -10.48	36.25 2.02 -9.02	33.03 2.22 -7.92	31.75 1.72 -9.03
BARRETT_IC_4 23707	35.84 1.75 -12.98	29.76 1.54 -8.20	27.20 1.39 -7.69	23.85 1.37 -5.14	24.47 1.39 -5.26	27.16 1.50 -6.51	26.83 1.65 -4.60	30.51 2.08 -6.27	33.39 2.09 -7.79	34.72 2.18 -8.03	37.10 2.03 -10.01	36.07 2.26 -7.24	45.41 2.35 -15.42	43.39 2.45 -12.09	44.89 2.52 -12.73	45.24 2.42 -13.36	44.95 2.72 -10.60	44.19 2.76 -8.14	43.75 2.54 -9.53	41.53 2.35 -9.02	40.96 2.23 -10.48	36.25 2.02 -9.02	33.03 2.22 -7.92	31.75 1.72 -9.03
BARRETT_IC_5 23708	35.84 1.75 -12.98	29.76 1.54 -8.20	27.20 1.39 -7.69	23.85 1.37 -5.14	24.47 1.39 -5.26	27.16 1.50 -6.51	26.83 1.65 -4.60	30.51 2.08 -6.27	33.39 2.09 -7.79	34.72 2.18 -8.03	37.10 2.03 -10.01	36.07 2.26 -7.24	45.41 2.35 -15.42	43.39 2.45 -12.09	44.89 2.52 -12.73	45.24 2.42 -13.36	44.95 2.72 -10.60	44.19 2.76 -8.14	43.75 2.54 -9.53	41.53 2.35 -9.02	40.96 2.23 -10.48	36.25 2.02 -9.02	33.03 2.22 -7.92	31.75 1.72 -9.03
BARRETT_IC_6 23709	35.84 1.75 -12.98	29.76 1.54 -8.20	27.20 1.39 -7.69	23.85 1.37 -5.14	24.47 1.39 -5.26	27.16 1.50 -6.51	26.83 1.65 -4.60	30.51 2.08 -6.27	33.39 2.09 -7.79	34.72 2.18 -8.03	37.10 2.03 -10.01	36.07 2.26 -7.24	45.41 2.35 -15.42	43.39 2.45 -12.09	44.89 2.52 -12.73	45.24 2.42 -13.36	44.95 2.72 -10.60	44.19 2.76 -8.14	43.75 2.54 -9.53	41.53 2.35 -9.02	40.96 2.23 -10.48	36.25 2.02 -9.02	33.03 2.22 -7.92	31.75 1.72 -9.03
BARRETT_IC_7 23710	35.83 1.75 -12.97	29.76 1.54 -8.20	27.22 1.41 -7.69	23.85 1.37 -5.14	24.47 1.39 -5.26	27.16 1.49 -6.51	26.83 1.65 -4.60	30.51 2.08 -6.27	33.39 2.09 -7.79	34.72 2.18 -8.03	37.11 2.03 -10.01	36.07 2.26 -7.24	45.41 2.35 -15.42	43.42 2.48 -12.09	44.86 2.49 -12.73	45.21 2.39 -13.36	44.95 2.72 -10.60	44.16 2.73 -8.14	43.75 2.53 -9.53	41.50 2.32 -9.02	40.96 2.23 -10.48	36.25 2.02 -9.02	33.03 2.22 -7.92	31.75 1.72 -9.03

BARRETT_IC_8 23711	35.84 1.75 -12.98	29.76 1.54 -8.20	27.20 1.39 -7.69	23.85 1.37 -5.14	24.47 1.39 -5.26	27.16 1.50 -6.51	26.83 1.65 -4.60	30.51 2.08 -6.27	33.39 2.09 -7.79	34.72 2.18 -8.03	37.10 2.03 -10.01	36.07 2.26 -7.24	45.41 2.35 -15.42	43.39 2.45 -12.09	44.89 2.52 -12.73	45.24 2.42 -13.36	44.95 2.72 -10.60	44.19 2.76 -8.14	43.75 2.54 -9.53	41.53 2.35 -9.02	40.96 2.23 -10.48	36.25 2.02 -9.02	33.03 2.22 -7.92	31.75 1.72 -9.03
BARRETT_IC_9 23700	35.84 1.75 -12.98	29.76 1.54 -8.20	27.20 1.39 -7.69	23.85 1.37 -5.14	24.47 1.39 -5.26	27.16 1.50 -6.51	26.83 1.65 -4.60	30.51 2.08 -6.27	33.39 2.09 -7.79	34.72 2.18 -8.03	37.10 2.03 -10.01	36.07 2.26 -7.24	45.41 2.35 -15.42	43.39 2.45 -12.09	44.89 2.52 -12.73	45.24 2.42 -13.36	44.95 2.72 -10.60	44.19 2.76 -8.14	43.75 2.54 -9.53	41.53 2.35 -9.02	40.96 2.23 -10.48	36.25 2.02 -9.02	33.03 2.22 -7.92	31.75 1.72 -9.03
BARRETT___1 23545	35.84 1.75 -12.98	29.76 1.54 -8.20	27.20 1.39 -7.69	23.85 1.37 -5.14	24.47 1.39 -5.26	27.16 1.50 -6.51	26.83 1.65 -4.60	30.51 2.08 -6.27	33.39 2.09 -7.79	34.72 2.18 -8.03	37.10 2.03 -10.01	36.07 2.26 -7.24	45.41 2.35 -15.42	43.39 2.45 -12.09	44.89 2.52 -12.73	45.24 2.42 -13.36	44.95 2.72 -10.60	44.19 2.76 -8.14	43.75 2.54 -9.53	41.53 2.35 -9.02	40.96 2.23 -10.48	36.25 2.02 -9.02	33.03 2.22 -7.92	31.75 1.72 -9.03
BARRETT___2 23546	35.84 1.75 -12.98	29.76 1.54 -8.20	27.20 1.39 -7.69	23.85 1.37 -5.14	24.47 1.39 -5.26	27.16 1.50 -6.51	26.83 1.65 -4.60	30.51 2.08 -6.27	33.39 2.09 -7.79	34.72 2.18 -8.03	37.10 2.03 -10.01	36.07 2.26 -7.24	45.41 2.35 -15.42	43.39 2.45 -12.09	44.89 2.52 -12.73	45.24 2.42 -13.36	44.95 2.72 -10.60	44.19 2.76 -8.14	43.75 2.54 -9.53	41.53 2.35 -9.02	40.96 2.23 -10.48	36.25 2.02 -9.02	33.03 2.22 -7.92	31.75 1.72 -9.03
BATAVIA___115KV_TB1 55881	22.25 1.14 0.00	20.70 0.68 0.00	18.56 0.45 0.00	17.85 0.50 0.00	18.34 0.52 0.00	19.69 0.54 0.00	21.07 0.49 0.00	22.55 0.40 0.00	24.07 0.56 0.00	25.20 0.69 0.00	26.05 0.98 0.00	27.48 0.90 0.00	28.33 0.69 0.00	29.57 0.72 0.00	30.33 0.68 0.00	30.64 1.18 0.00	32.14 0.51 0.00	33.69 0.40 0.00	32.12 0.44 0.00	30.79 0.63 0.00	28.87 0.62 0.00	25.93 0.71 0.00	23.39 0.50 0.00	21.90 0.90 0.00
BAYONEEC___CTG1 323682	22.50 1.39 0.00	21.22 1.20 0.00	19.18 1.07 0.00	18.39 1.04 0.00	18.89 1.07 0.00	20.33 1.17 0.00	21.92 1.34 0.00	24.11 1.95 0.00	25.50 2.00 0.00	26.62 2.11 0.00	27.06 1.98 -0.02	28.88 2.20 -0.10	30.05 2.29 -0.11	31.19 2.34 0.00	32.02 2.37 0.00	31.73 2.27 0.00	34.19 2.56 0.00	35.85 2.56 0.00	33.99 2.31 0.00	32.27 2.11 0.00	30.28 2.03 0.00	27.06 1.84 0.00	24.74 1.85 0.00	22.34 1.35 0.00
BAYONEEC___CTG10 323750	22.50 1.39 0.00	21.22 1.20 0.00	19.18 1.07 0.00	18.39 1.04 0.00	18.89 1.07 0.00	20.33 1.17 0.00	21.92 1.34 0.00	24.11 1.95 0.00	25.50 2.00 0.00	26.62 2.11 0.00	27.06 1.98 -0.02	28.88 2.20 -0.10	30.05 2.29 -0.11	31.19 2.34 0.00	32.02 2.37 0.00	31.73 2.27 0.00	34.19 2.56 0.00	35.85 2.56 0.00	33.99 2.31 0.00	32.27 2.11 0.00	30.28 2.03 0.00	27.06 1.84 0.00	24.74 1.85 0.00	22.34 1.35 0.00
BAYONEEC___CTG2 323683	22.50 1.39 0.00	21.22 1.20 0.00	19.18 1.07 0.00	18.39 1.04 0.00	18.89 1.07 0.00	20.33 1.17 0.00	21.92 1.34 0.00	24.11 1.95 0.00	25.50 2.00 0.00	26.62 2.11 0.00	27.06 1.98 -0.02	28.88 2.20 -0.10	30.05 2.29 -0.11	31.19 2.34 0.00	32.02 2.37 0.00	31.73 2.27 0.00	34.19 2.56 0.00	35.85 2.56 0.00	33.99 2.31 0.00	32.27 2.11 0.00	30.28 2.03 0.00	27.06 1.84 0.00	24.74 1.85 0.00	22.34 1.35 0.00
BAYONEEC___CTG3 323684	22.50 1.39 0.00	21.22 1.20 0.00	19.18 1.07 0.00	18.39 1.04 0.00	18.89 1.07 0.00	20.33 1.17 0.00	21.92 1.34 0.00	24.11 1.95 0.00	25.50 2.00 0.00	26.62 2.11 0.00	27.06 1.98 -0.02	28.88 2.20 -0.10	30.05 2.29 -0.11	31.19 2.34 0.00	32.02 2.37 0.00	31.73 2.27 0.00	34.19 2.56 0.00	35.85 2.56 0.00	33.99 2.31 0.00	32.27 2.11 0.00	30.28 2.03 0.00	27.06 1.84 0.00	24.74 1.85 0.00	22.34 1.35 0.00
BAYONEEC___CTG4 323685	22.50 1.39 0.00	21.22 1.20 0.00	19.18 1.07 0.00	18.39 1.04 0.00	18.89 1.07 0.00	20.33 1.17 0.00	21.92 1.34 0.00	24.11 1.95 0.00	25.50 2.00 0.00	26.62 2.11 0.00	27.06 1.98 -0.02	28.88 2.20 -0.10	30.05 2.29 -0.11	31.19 2.34 0.00	32.02 2.37 0.00	31.73 2.27 0.00	34.19 2.56 0.00	35.85 2.56 0.00	33.99 2.31 0.00	32.27 2.11 0.00	30.28 2.03 0.00	27.06 1.84 0.00	24.74 1.85 0.00	22.34 1.35 0.00
BAYONEEC___CTG5 323686	22.50 1.39 0.00	21.22 1.20 0.00	19.18 1.07 0.00	18.39 1.04 0.00	18.89 1.07 0.00	20.33 1.17 0.00	21.92 1.34 0.00	24.11 1.95 0.00	25.50 2.00 0.00	26.62 2.11 0.00	27.06 1.98 -0.02	28.88 2.20 -0.10	30.05 2.29 -0.11	31.19 2.34 0.00	32.02 2.37 0.00	31.73 2.27 0.00	34.19 2.56 0.00	35.85 2.56 0.00	33.99 2.31 0.00	32.27 2.11 0.00	30.28 2.03 0.00	27.06 1.84 0.00	24.74 1.85 0.00	22.34 1.35 0.00
BAYONEEC___CTG6 323687	22.50 1.39 0.00	21.22 1.20 0.00	19.18 1.07 0.00	18.39 1.04 0.00	18.89 1.07 0.00	20.33 1.17 0.00	21.92 1.34 0.00	24.11 1.95 0.00	25.50 2.00 0.00	26.62 2.11 0.00	27.06 1.98 -0.02	28.88 2.20 -0.10	30.05 2.29 -0.11	31.19 2.34 0.00	32.02 2.37 0.00	31.73 2.27 0.00	34.19 2.56 0.00	35.85 2.56 0.00	33.99 2.31 0.00	32.27 2.11 0.00	30.28 2.03 0.00	27.06 1.84 0.00	24.74 1.85 0.00	22.34 1.35 0.00
BAYONEEC___CTG7 323688	22.50 1.39 0.00	21.22 1.20 0.00	19.18 1.07 0.00	18.39 1.04 0.00	18.89 1.07 0.00	20.33 1.17 0.00	21.92 1.34 0.00	24.11 1.95 0.00	25.50 2.00 0.00	26.62 2.11 0.00	27.06 1.98 -0.02	28.88 2.20 -0.10	30.05 2.29 -0.11	31.19 2.34 0.00	32.02 2.37 0.00	31.73 2.27 0.00	34.19 2.56 0.00	35.85 2.56 0.00	33.99 2.31 0.00	32.27 2.11 0.00	30.28 2.03 0.00	27.06 1.84 0.00	24.74 1.85 0.00	22.34 1.35 0.00
BAYONEEC___CTG8 323689	22.50 1.39 0.00	21.22 1.20 0.00	19.18 1.07 0.00	18.39 1.04 0.00	18.89 1.07 0.00	20.33 1.17 0.00	21.92 1.34 0.00	24.11 1.95 0.00	25.50 2.00 0.00	26.62 2.11 0.00	27.06 1.98 -0.02	28.88 2.20 -0.10	30.05 2.29 -0.11	31.19 2.34 0.00	32.02 2.37 0.00	31.73 2.27 0.00	34.19 2.56 0.00	35.85 2.56 0.00	33.99 2.31 0.00	32.27 2.11 0.00	30.28 2.03 0.00	27.06 1.84 0.00	24.74 1.85 0.00	22.34 1.35 0.00
BAYONEEC___CTG9 323749	22.50 1.39 0.00	21.22 1.20 0.00	19.18 1.07 0.00	18.39 1.04 0.00	18.89 1.07 0.00	20.33 1.17 0.00	21.92 1.34 0.00	24.11 1.95 0.00	25.50 2.00 0.00	26.62 2.11 0.00	27.06 1.98 -0.02	28.88 2.20 -0.10	30.05 2.29 -0.11	31.19 2.34 0.00	32.02 2.37 0.00	31.73 2.27 0.00	34.19 2.56 0.00	35.85 2.56 0.00	33.99 2.31 0.00	32.27 2.11 0.00	30.28 2.03 0.00	27.06 1.84 0.00	24.74 1.85 0.00	22.34 1.35 0.00

BEACON___LESR 323632	21.87 0.76 0.00	20.72 0.70 0.00	18.73 0.62 0.00	17.95 0.61 0.00	18.43 0.61 0.00	19.83 0.67 0.00	21.30 0.72 0.00	23.13 0.97 0.00	24.53 1.03 0.00	25.47 0.96 0.00	26.03 0.98 0.02	27.58 1.12 0.11	28.79 1.27 0.12	30.18 1.33 0.00	31.04 1.39 0.00	30.76 1.29 0.00	33.05 1.42 0.00	34.82 1.53 0.00	33.11 1.43 0.00	31.48 1.33 0.00	29.49 1.24 0.00	26.30 1.08 0.00	23.87 0.98 0.00	21.73 0.73 0.00
BEAVER RIVER___HYD 24048	20.79 -0.32 0.00	19.70 -0.32 0.00	17.78 -0.33 0.00	17.04 -0.31 0.00	17.52 -0.30 0.00	18.87 -0.29 0.00	20.29 -0.29 0.00	21.82 -0.33 0.00	23.15 -0.35 0.00	24.12 -0.39 0.00	24.74 -0.33 0.00	26.23 -0.35 0.00	27.26 -0.39 0.00	28.42 -0.43 0.00	29.14 -0.50 0.00	28.70 -0.77 0.00	30.93 -0.70 0.00	32.89 -0.40 0.00	31.49 -0.19 0.00	30.10 -0.06 0.00	28.22 -0.03 0.00	25.07 -0.15 0.00	22.59 -0.30 0.00	20.75 -0.25 0.00
BEEBEE_GT_13 23619	21.76 0.65 0.00	20.38 0.36 0.00	18.33 0.22 0.00	17.57 0.23 0.00	18.04 0.21 0.00	19.41 0.25 0.00	20.83 0.25 0.00	22.38 0.22 0.00	23.85 0.35 0.00	24.98 0.47 0.00	25.72 0.65 0.00	27.18 0.61 0.00	28.14 0.50 0.00	29.40 0.55 0.00	30.18 0.53 0.00	30.29 0.82 0.00	32.04 0.41 0.00	33.62 0.33 0.00	32.03 0.35 0.00	30.61 0.45 0.00	28.67 0.42 0.00	25.65 0.43 0.00	23.19 0.30 0.00	21.57 0.57 0.00
BENSHRST_27_KV_BENSHRST_1 355998	22.87 1.75 -0.01	21.54 1.52 0.00	19.49 1.38 0.00	18.63 1.28 0.00	19.16 1.34 0.00	20.54 1.38 0.00	22.12 1.54 0.00	24.38 2.22 -0.01	25.78 2.28 0.00	27.10 2.48 -0.11	27.41 2.33 -0.02	29.39 2.60 -0.21	30.52 2.74 -0.14	31.74 2.88 -0.01	32.53 2.88 -0.01	32.35 2.77 -0.11	34.77 3.13 -0.01	36.42 3.13 0.00	34.56 2.88 0.00	32.75 2.59 0.00	30.65 2.40 0.00	27.41 2.19 0.00	25.13 2.22 -0.02	22.70 1.70 0.00
BETHLEHEM___GRP 23843	21.53 0.42 0.00	20.40 0.38 0.00	18.47 0.36 0.00	17.69 0.35 0.00	18.18 0.36 0.00	19.52 0.36 0.00	20.97 0.39 0.00	22.75 0.60 0.00	24.11 0.61 0.00	25.08 0.56 0.00	25.58 0.53 0.02	27.11 0.64 0.10	28.27 0.75 0.12	29.66 0.81 0.00	30.51 0.86 0.00	30.20 0.74 0.00	32.48 0.85 0.00	34.22 0.93 0.00	32.53 0.86 0.00	30.94 0.78 0.00	28.98 0.73 0.00	25.88 0.66 0.00	23.51 0.62 0.00	21.42 0.42 0.00
BETHLEHEM___GS1 323560	21.53 0.42 0.00	20.40 0.38 0.00	18.45 0.34 0.00	17.69 0.35 0.00	18.18 0.36 0.00	19.52 0.36 0.00	20.97 0.39 0.00	22.75 0.60 0.00	24.11 0.61 0.00	25.08 0.56 0.00	25.58 0.53 0.02	27.11 0.64 0.10	28.27 0.75 0.12	29.63 0.78 0.00	30.51 0.86 0.00	30.23 0.76 0.00	32.48 0.85 0.00	34.22 0.93 0.00	32.53 0.86 0.00	30.94 0.78 0.00	28.98 0.73 0.00	25.87 0.65 0.00	23.51 0.62 0.00	21.42 0.42 0.00
BETHLEHEM___GS2 323561	21.53 0.42 0.00	20.40 0.38 0.00	18.45 0.34 0.00	17.69 0.35 0.00	18.18 0.36 0.00	19.52 0.36 0.00	20.97 0.39 0.00	22.75 0.60 0.00	24.11 0.61 0.00	25.08 0.56 0.00	25.58 0.53 0.02	27.11 0.64 0.10	28.27 0.75 0.12	29.63 0.78 0.00	30.51 0.86 0.00	30.23 0.76 0.00	32.48 0.85 0.00	34.22 0.93 0.00	32.53 0.86 0.00	30.94 0.78 0.00	28.98 0.73 0.00	25.87 0.65 0.00	23.51 0.62 0.00	21.42 0.42 0.00
BETHLEHEM___GS3 323562	21.53 0.42 0.00	20.40 0.38 0.00	18.45 0.34 0.00	17.69 0.35 0.00	18.18 0.36 0.00	19.52 0.36 0.00	20.97 0.39 0.00	22.75 0.60 0.00	24.11 0.61 0.00	25.08 0.56 0.00	25.58 0.53 0.02	27.11 0.64 0.10	28.27 0.75 0.12	29.63 0.78 0.00	30.51 0.86 0.00	30.23 0.76 0.00	32.48 0.85 0.00	34.22 0.93 0.00	32.53 0.86 0.00	30.94 0.78 0.00	28.98 0.73 0.00	25.87 0.65 0.00	23.51 0.62 0.00	21.42 0.42 0.00
BETHLEHEM___STEEL 23779	22.10 0.99 0.00	20.58 0.56 0.00	18.47 0.36 0.00	17.75 0.40 0.00	18.23 0.41 0.00	19.54 0.38 0.00	20.93 0.35 0.00	22.38 0.22 0.00	23.83 0.33 0.00	24.98 0.47 0.00	25.84 0.78 0.00	27.26 0.69 0.00	28.11 0.47 0.00	29.34 0.49 0.00	30.15 0.50 0.00	30.55 1.09 0.00	31.98 0.35 0.00	33.45 0.17 0.00	31.87 0.19 0.00	30.46 0.30 0.00	28.61 0.37 0.00	25.77 0.55 0.00	23.23 0.34 0.00	21.80 0.80 0.00
BETHLHEM_115KV_TB1 79974	21.59 0.49 0.00	20.46 0.44 0.00	18.51 0.40 0.00	17.75 0.40 0.00	18.22 0.39 0.00	19.58 0.42 0.00	21.03 0.45 0.00	22.82 0.66 0.00	24.18 0.68 0.00	25.15 0.64 0.00	25.65 0.60 0.02	27.19 0.72 0.10	28.33 0.80 0.11	29.71 0.87 0.00	30.60 0.95 0.00	30.29 0.82 0.00	32.55 0.92 0.00	34.29 1.00 0.00	32.60 0.92 0.00	31.03 0.87 0.00	29.07 0.82 0.00	25.95 0.73 0.00	23.58 0.69 0.00	21.48 0.48 0.00
BETHPAGE_CC_5 323564	35.91 1.82 -12.98	29.86 1.64 -8.20	27.31 1.50 -7.70	23.94 1.46 -5.14	24.58 1.50 -5.26	27.28 1.61 -6.51	26.99 1.81 -4.60	30.82 2.39 -6.27	33.74 2.44 -7.80	35.16 2.55 -8.10	37.45 2.33 -10.05	36.43 2.55 -7.31	45.74 2.65 -15.44	43.74 2.74 -12.15	45.39 2.82 -12.92	45.67 2.74 -13.46	45.46 3.04 -10.79	44.92 3.10 -8.54	44.24 2.85 -9.71	41.91 2.68 -9.06	41.40 2.54 -10.61	36.68 2.32 -9.14	33.22 2.31 -8.02	31.87 1.83 -9.04
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	22.14 1.03 0.00	20.62 0.60 0.00	18.51 0.40 0.00	17.78 0.43 0.00	18.27 0.45 0.00	19.58 0.42 0.00	20.97 0.39 0.00	22.44 0.29 0.00	23.90 0.40 0.00	25.05 0.54 0.00	25.94 0.88 0.00	27.37 0.80 0.00	28.22 0.58 0.00	29.46 0.61 0.00	30.27 0.62 0.00	30.70 1.24 0.00	32.10 0.47 0.00	33.59 0.30 0.00	32.00 0.32 0.00	30.55 0.39 0.00	28.73 0.48 0.00	25.85 0.63 0.00	23.30 0.41 0.00	21.86 0.86 0.00
BINGHAMTON___COGEN 23790	21.68 0.57 0.00	20.40 0.38 0.00	18.40 0.29 0.00	17.64 0.29 0.00	18.13 0.30 0.00	19.46 0.31 0.00	20.95 0.37 0.00	22.58 0.42 0.00	23.97 0.47 0.00	25.03 0.51 0.00	25.67 0.60 0.00	27.18 0.61 0.00	28.22 0.58 0.00	29.51 0.66 0.00	30.33 0.68 0.00	30.29 0.82 0.00	32.29 0.66 0.00	33.95 0.67 0.00	32.34 0.67 0.00	30.79 0.63 0.00	28.84 0.59 0.00	25.80 0.58 0.00	23.37 0.48 0.00	21.52 0.52 0.00
BIXINCNT_115KV_LOAD 355685	22.06 0.95 0.00	20.52 0.50 0.00	18.45 0.34 0.00	17.73 0.38 0.00	18.20 0.37 0.00	19.52 0.36 0.00	20.93 0.35 0.00	22.42 0.27 0.00	23.93 0.42 0.00	25.13 0.61 0.00	26.07 1.00 0.00	27.53 0.96 0.00	28.28 0.64 0.00	29.54 0.69 0.00	30.36 0.71 0.00	30.64 1.18 0.00	31.91 0.28 0.00	33.35 0.07 0.00	31.71 0.03 0.00	30.37 0.21 0.00	28.67 0.42 0.00	25.82 0.61 0.00	23.30 0.41 0.00	21.84 0.84 0.00
BLACK RIVER___HYD 24047	21.09 -0.02 0.00	19.94 -0.08 0.00	17.98 -0.13 0.00	17.21 -0.14 0.00	17.70 -0.12 0.00	19.06 -0.10 0.00	20.54 -0.04 0.00	22.09 -0.07 0.00	23.41 -0.09 0.00	24.41 -0.10 0.00	25.04 -0.03 0.00	26.57 0.00 0.00	27.59 -0.06 0.00	28.73 -0.11 0.00	29.47 -0.18 0.00	29.08 -0.38 0.00	31.31 -0.32 0.00	33.25 -0.03 0.00	31.90 0.22 0.00	30.55 0.39 0.00	28.67 0.42 0.00	25.45 0.23 0.00	22.89 0.00 0.00	21.08 0.08 0.00

BLACKRVR_115KV_TB2 79977	21.09 -0.02 0.00	19.94 -0.08 0.00	17.97 -0.14 0.00	17.21 -0.14 0.00	17.70 -0.12 0.00	19.06 -0.10 0.00	20.52 -0.06 0.00	22.09 -0.07 0.00	23.41 -0.09 0.00	24.41 -0.10 0.00	25.04 -0.03 0.00	26.57 0.00 0.00	27.59 -0.06 0.00	28.73 -0.12 0.00	29.50 -0.15 0.00	29.11 -0.35 0.00	31.31 -0.32 0.00	33.25 -0.03 0.00	31.90 0.22 0.00	30.55 0.39 0.00	28.67 0.42 0.00	25.45 0.23 0.00	22.89 0.00 0.00	21.08 0.08 0.00
BLISS_WT_PWR 323608	22.02 0.91 0.00	20.48 0.46 0.00	18.53 0.42 0.00	17.71 0.36 0.00	18.16 0.34 0.00	19.48 0.33 0.00	20.89 0.31 0.00	22.40 0.24 0.00	23.93 0.42 0.00	25.15 0.64 0.00	26.04 0.98 0.00	27.53 0.96 0.00	28.31 0.66 0.00	29.57 0.72 0.00	30.27 0.62 0.00	30.47 1.00 0.00	31.72 0.10 0.00	33.19 -0.10 0.00	31.58 -0.09 0.00	30.28 0.12 0.00	28.59 0.34 0.00	25.80 0.58 0.00	23.30 0.41 0.00	21.82 0.82 0.00
BLUE_CIRC_CHEM_DRP 24182	21.89 0.78 0.00	20.74 0.72 0.00	18.76 0.65 0.00	17.97 0.62 0.00	18.45 0.62 0.00	19.83 0.67 0.00	21.30 0.72 0.00	23.09 0.93 0.00	24.47 0.96 0.00	25.42 0.91 0.00	25.98 0.93 0.01	27.54 1.04 0.07	28.72 1.16 0.08	30.06 1.21 0.00	30.92 1.27 0.00	30.64 1.18 0.00	32.93 1.30 0.00	34.69 1.40 0.00	32.98 1.30 0.00	31.39 1.24 0.00	29.43 1.19 0.00	26.28 1.06 0.00	23.85 0.96 0.00	21.76 0.76 0.00
BOC_GAS_DRP 24189	21.74 0.63 0.00	20.60 0.58 0.00	18.64 0.53 0.00	17.85 0.50 0.00	18.34 0.52 0.00	19.71 0.56 0.00	21.18 0.60 0.00	22.97 0.82 0.00	24.35 0.85 0.00	25.32 0.81 0.00	25.83 0.78 0.01	27.38 0.88 0.07	28.53 0.97 0.08	29.89 1.04 0.00	30.71 1.07 0.00	30.44 0.97 0.00	32.74 1.11 0.00	34.45 1.17 0.00	32.76 1.08 0.00	31.18 1.03 0.00	29.21 0.96 0.00	26.08 0.86 0.00	23.72 0.82 0.00	21.63 0.63 0.00
BOONVILLE_115KV_TB1 79983	21.36 0.25 0.00	20.22 0.20 0.00	18.24 0.13 0.00	17.47 0.12 0.00	17.95 0.12 0.00	19.33 0.17 0.00	20.81 0.23 0.00	22.44 0.29 0.00	23.83 0.33 0.00	24.81 0.29 0.00	25.54 0.48 0.00	27.08 0.50 0.00	28.14 0.50 0.00	29.40 0.55 0.00	30.21 0.56 0.00	29.70 0.24 0.00	31.95 0.32 0.00	33.82 0.53 0.00	32.28 0.60 0.00	30.79 0.63 0.00	28.84 0.59 0.00	25.67 0.45 0.00	23.19 0.30 0.00	21.27 0.27 0.00
BORALEX_4TH_BRANCH 23824	22.21 1.10 0.00	21.04 1.02 0.00	19.05 0.94 0.00	18.25 0.90 0.00	18.71 0.89 0.00	20.15 1.00 0.00	21.65 1.07 0.00	23.44 1.28 0.00	24.79 1.29 0.00	25.69 1.18 0.00	26.18 1.15 0.04	27.63 1.30 0.24	28.78 1.41 0.28	30.38 1.53 0.00	31.28 1.63 0.00	31.05 1.59 0.00	33.40 1.77 0.00	35.25 1.96 0.00	33.52 1.84 0.00	31.94 1.78 0.00	29.91 1.67 0.00	26.68 1.46 0.00	24.26 1.37 0.00	22.11 1.11 0.00
BOWLINE___1 23526	22.25 1.14 0.00	21.02 1.00 0.00	19.00 0.89 0.00	18.21 0.87 0.00	18.71 0.89 0.00	20.12 0.96 0.00	21.67 1.09 0.00	23.66 1.51 0.00	25.05 1.55 0.00	26.10 1.59 0.00	26.59 1.50 -0.01	28.31 1.65 -0.09	29.49 1.74 -0.10	30.70 1.85 0.00	31.55 1.90 0.00	31.29 1.83 0.00	33.68 2.05 0.00	35.35 2.06 0.00	33.58 1.90 0.00	31.88 1.72 0.00	29.88 1.64 0.00	26.73 1.51 0.00	24.38 1.49 0.00	22.09 1.09 0.00
BOWLINE___2 23595	22.23 1.12 0.00	21.02 1.00 0.00	19.00 0.89 0.00	18.21 0.87 0.00	18.70 0.87 0.00	20.12 0.96 0.00	21.65 1.07 0.00	23.64 1.48 0.00	25.03 1.53 0.00	26.08 1.57 0.00	26.54 1.45 -0.01	28.29 1.62 -0.09	29.43 1.69 -0.10	30.64 1.79 0.00	31.49 1.84 0.00	31.23 1.77 0.00	33.62 1.99 0.00	35.28 2.00 0.00	33.52 1.84 0.00	31.84 1.69 0.00	29.83 1.58 0.00	26.71 1.49 0.00	24.33 1.44 0.00	22.07 1.07 0.00
BRADY___115KV_TB2 356060	20.56 -0.55 0.00	19.62 -0.40 0.00	17.82 -0.29 0.00	17.03 -0.31 0.00	17.54 -0.29 0.00	18.85 -0.31 0.00	20.13 -0.45 0.00	21.56 -0.60 0.00	22.91 -0.59 0.00	23.90 -0.61 0.00	24.49 -0.58 0.00	25.99 -0.58 0.00	27.04 -0.61 0.00	28.10 -0.75 0.00	28.88 -0.77 0.00	28.58 -0.88 0.00	30.84 -0.79 0.00	32.49 -0.80 0.00	30.98 -0.70 0.00	29.55 -0.60 0.00	27.65 -0.59 0.00	24.61 -0.61 0.00	22.25 -0.64 0.00	20.39 -0.61 0.00
BRANSCOMB___SOLAR 323811	22.27 1.16 0.00	21.06 1.04 0.00	19.02 0.91 0.00	18.23 0.88 0.00	18.70 0.87 0.00	20.15 1.00 0.00	21.63 1.05 0.00	23.42 1.26 0.00	24.86 1.36 0.00	25.81 1.30 0.00	26.27 1.23 0.02	27.77 1.33 0.13	28.99 1.49 0.15	30.46 1.61 0.00	31.34 1.69 0.00	31.02 1.56 0.00	33.30 1.68 0.00	35.15 1.86 0.00	33.58 1.90 0.00	32.00 1.84 0.00	30.00 1.75 0.00	26.81 1.59 0.00	24.36 1.47 0.00	22.17 1.18 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	36.51 2.28 -13.12	30.26 2.04 -8.20	27.65 1.85 -7.70	24.24 1.75 -5.14	24.88 1.80 -5.26	27.62 1.95 -6.51	27.36 2.18 -4.60	31.26 2.84 -6.27	34.26 2.96 -7.80	36.43 3.09 -8.83	38.53 2.93 -10.53	37.80 3.16 -8.06	46.62 3.32 -15.66	44.86 3.23 -12.78	47.99 3.29 -15.05	47.22 3.18 -14.57	48.04 3.54 -12.86	49.75 3.63 -12.83	46.67 3.39 -11.61	42.86 3.17 -9.53	42.71 3.22 -11.24	38.62 2.93 -10.48	34.80 2.84 -9.07	32.49 2.29 -9.21
BRISTLHL_115KV_TB1 79998	20.96 -0.15 0.00	19.80 -0.22 0.00	17.89 -0.22 0.00	17.14 -0.21 0.00	17.61 -0.21 0.00	18.93 -0.23 0.00	20.35 -0.23 0.00	21.87 -0.29 0.00	23.20 -0.31 0.00	24.22 -0.29 0.00	24.84 -0.23 0.00	26.31 -0.27 0.00	27.34 -0.30 0.00	28.56 -0.29 0.00	29.35 -0.30 0.00	29.20 -0.27 0.00	31.22 -0.41 0.00	32.85 -0.43 0.00	31.27 -0.41 0.00	29.80 -0.36 0.00	27.91 -0.34 0.00	24.92 -0.30 0.00	22.59 -0.30 0.00	20.87 -0.13 0.00
BROOKHAVEN___DRP 24191	37.20 2.39 -13.71	30.40 2.18 -8.20	27.80 1.99 -7.70	24.34 1.86 -5.14	24.99 1.91 -5.26	27.74 2.07 -6.51	27.49 2.31 -4.60	31.42 2.99 -6.27	34.43 3.13 -7.80	39.63 3.26 -11.86	40.60 3.03 -12.50	41.01 3.27 -11.17	47.66 3.43 -16.59	47.79 3.58 -15.36	57.11 3.65 -23.82	52.13 3.51 -19.16	56.92 3.89 -21.41	67.88 4.03 -30.57	54.92 3.80 -19.44	45.18 3.56 -11.47	46.38 3.39 -14.74	44.26 3.05 -15.99	39.29 3.00 -13.40	33.33 2.46 -9.87
BROOKLYN_NAVY_YARD 23515	22.50 1.39 0.00	21.22 1.20 0.00	19.18 1.07 0.00	18.39 1.04 0.00	18.89 1.07 0.00	20.33 1.17 0.00	21.94 1.36 0.00	24.13 1.97 0.00	25.55 2.04 0.00	26.67 2.16 0.00	27.06 1.98 -0.02	28.88 2.20 -0.10	30.02 2.27 -0.11	31.22 2.37 0.00	32.05 2.40 0.00	31.76 2.30 0.00	34.22 2.59 0.00	35.89 2.60 0.00	34.02 2.34 0.00	32.30 2.14 0.00	30.28 2.03 0.00	27.06 1.84 0.00	24.79 1.90 0.00	22.36 1.36 0.00
BROOKLYN___ARMY_DRP 323595	22.76 1.65 -0.01	21.44 1.42 0.00	19.40 1.29 0.00	18.56 1.21 0.00	19.09 1.27 0.00	20.46 1.30 0.00	22.02 1.44 0.00	24.27 2.10 -0.01	25.66 2.16 0.00	26.95 2.33 -0.11	27.29 2.21 -0.02	29.23 2.44 -0.21	30.35 2.57 -0.14	31.57 2.71 -0.01	32.35 2.70 -0.01	32.17 2.59 -0.11	34.58 2.94 -0.01	36.18 2.90 0.00	34.34 2.66 0.00	32.57 2.41 0.00	30.48 2.23 0.00	27.26 2.04 0.00	24.99 2.08 -0.02	22.60 1.60 0.00



BROOKVLE_69_KV_TB1 55790	35.89 1.82 -12.97	29.84 1.62 -8.20	27.27 1.47 -7.69	23.89 1.41 -5.14	24.52 1.44 -5.26	27.22 1.55 -6.51	26.93 1.75 -4.60	30.73 2.30 -6.27	33.69 2.40 -7.79	35.07 2.52 -8.03	37.46 2.38 -10.01	36.42 2.60 -7.24	45.80 2.74 -15.42	43.86 2.91 -12.09	45.31 2.94 -12.73	45.62 2.80 -13.36	45.33 3.10 -10.60	44.59 3.16 -8.14	44.13 2.91 -9.53	41.86 2.68 -9.02	41.27 2.54 -10.48	36.53 2.29 -9.02	33.03 2.22 -7.92	31.81 1.78 -9.03
BROOME_2_LFGE 323671	21.68 0.57 0.00	20.40 0.38 0.00	18.44 0.33 0.00	17.64 0.29 0.00	18.13 0.30 0.00	19.46 0.31 0.00	20.95 0.37 0.00	22.57 0.42 0.00	23.97 0.47 0.00	25.03 0.52 0.00	25.67 0.60 0.00	27.18 0.61 0.00	28.23 0.58 0.00	29.51 0.66 0.00	30.30 0.65 0.00	30.26 0.80 0.00	32.26 0.63 0.00	33.95 0.67 0.00	32.35 0.67 0.00	30.79 0.63 0.00	28.84 0.59 0.00	25.80 0.58 0.00	23.39 0.50 0.00	21.52 0.53 0.00
BROOME__LFGE 323600	21.68 0.57 0.00	20.40 0.38 0.00	18.44 0.33 0.00	17.64 0.29 0.00	18.13 0.30 0.00	19.46 0.31 0.00	20.95 0.37 0.00	22.57 0.42 0.00	23.97 0.47 0.00	25.03 0.52 0.00	25.67 0.60 0.00	27.18 0.61 0.00	28.23 0.58 0.00	29.51 0.66 0.00	30.30 0.65 0.00	30.26 0.80 0.00	32.26 0.63 0.00	33.95 0.67 0.00	32.35 0.67 0.00	30.79 0.63 0.00	28.84 0.59 0.00	25.80 0.58 0.00	23.39 0.50 0.00	21.52 0.53 0.00
BROWNFLS_115KV_TB_3_5 80003	20.26 -0.84 0.00	19.26 -0.76 0.00	17.46 -0.65 0.00	16.70 -0.64 0.00	17.18 -0.64 0.00	18.49 -0.67 0.00	19.82 -0.76 0.00	21.29 -0.86 0.00	22.61 -0.89 0.00	23.58 -0.93 0.00	24.17 -0.90 0.00	25.62 -0.96 0.00	26.65 -1.00 0.00	27.72 -1.13 0.00	28.49 -1.16 0.00	28.11 -1.36 0.00	30.33 -1.30 0.00	32.12 -1.17 0.00	30.70 -0.98 0.00	29.28 -0.87 0.00	27.46 -0.79 0.00	24.39 -0.83 0.00	22.00 -0.89 0.00	20.18 -0.82 0.00
BROWNSV1_27_KV_LOAD 356125	22.71 1.60 0.00	21.42 1.40 0.00	19.38 1.27 0.00	18.54 1.20 0.00	19.07 1.25 0.00	20.52 1.36 0.00	22.12 1.54 0.00	24.33 2.17 0.00	25.76 2.26 0.00	26.91 2.40 0.00	27.34 2.26 -0.02	29.17 2.50 -0.10	30.35 2.60 -0.11	31.59 2.74 0.00	32.37 2.73 0.00	32.06 2.59 0.00	34.57 2.94 0.00	36.25 2.96 0.00	34.40 2.72 0.00	32.63 2.47 0.00	30.59 2.34 0.00	27.34 2.12 0.00	25.02 2.13 0.00	22.57 1.57 0.00
BURROWS__LYONSDAL 23803	21.24 0.13 0.00	20.12 0.10 0.00	18.15 0.04 0.00	17.38 0.03 0.00	17.86 0.04 0.00	19.23 0.08 0.00	20.70 0.12 0.00	22.33 0.18 0.00	23.69 0.19 0.00	24.66 0.15 0.00	25.37 0.30 0.00	26.89 0.32 0.00	27.98 0.33 0.00	29.17 0.32 0.00	30.00 0.36 0.00	29.46 0.00 0.00	31.69 0.06 0.00	33.62 0.33 0.00	32.12 0.44 0.00	30.64 0.48 0.00	28.73 0.48 0.00	25.57 0.35 0.00	23.07 0.18 0.00	21.17 0.17 0.00
CAITHNESS_CC_1 323624	37.09 2.28 -13.70	30.30 2.08 -8.20	27.69 1.88 -7.70	24.25 1.77 -5.14	24.90 1.82 -5.26	27.64 1.97 -6.51	27.40 2.22 -4.60	31.30 2.88 -6.27	34.32 3.01 -7.80	39.49 3.14 -11.84	40.44 2.88 -12.49	40.85 3.13 -11.15	47.49 3.26 -16.58	47.57 3.37 -15.34	56.87 3.47 -23.76	51.96 3.36 -19.13	56.71 3.73 -21.35	67.57 3.83 -30.45	54.64 3.58 -19.39	45.02 3.41 -11.45	48.96 3.19 -17.52	44.07 2.90 -15.95	39.12 2.86 -13.37	33.20 2.33 -9.87
CALPINE BETH_PAGE_GT4 24209	35.84 1.75 -12.98	29.78 1.56 -8.20	27.31 1.50 -7.70	23.91 1.42 -5.14	24.54 1.46 -5.26	27.26 1.59 -6.51	26.95 1.77 -4.60	30.77 2.35 -6.27	33.65 2.35 -7.80	35.04 2.45 -8.08	37.39 2.28 -10.04	36.36 2.50 -7.29	45.68 2.60 -15.44	43.70 2.71 -12.14	45.28 2.76 -12.87	45.52 2.62 -13.44	45.32 2.94 -10.75	44.72 3.00 -8.44	44.13 2.79 -9.66	41.80 2.59 -9.05	41.18 2.46 -10.48	36.57 2.24 -9.11	33.13 2.24 -7.99	31.78 1.74 -9.04
CALPINE_BETH_PAGE_GT_4 323586	35.84 1.75 -12.98	29.78 1.56 -8.20	27.29 1.49 -7.70	23.91 1.42 -5.14	24.54 1.46 -5.26	27.26 1.59 -6.51	26.95 1.77 -4.60	30.77 2.35 -6.27	33.65 2.35 -7.80	35.04 2.45 -8.08	37.39 2.28 -10.04	36.36 2.50 -7.29	45.68 2.60 -15.44	43.70 2.71 -12.14	45.28 2.76 -12.87	45.58 2.68 -13.44	45.35 2.97 -10.75	44.75 3.03 -8.44	44.13 2.79 -9.66	41.83 2.62 -9.05	41.28 2.46 -10.57	36.57 2.24 -9.11	33.13 2.24 -7.99	31.78 1.74 -9.04
CALPINE_BP_GT1 23823	35.84 1.75 -12.98	29.78 1.56 -8.20	27.29 1.49 -7.70	23.91 1.42 -5.14	24.54 1.46 -5.26	27.26 1.59 -6.51	26.95 1.77 -4.60	30.77 2.35 -6.27	33.65 2.35 -7.80	35.04 2.45 -8.08	37.39 2.28 -10.04	36.36 2.50 -7.29	45.68 2.60 -15.44	43.70 2.71 -12.14	45.28 2.76 -12.87	45.58 2.68 -13.44	45.35 2.97 -10.75	44.75 3.03 -8.44	44.13 2.79 -9.66	41.83 2.62 -9.05	41.28 2.46 -10.57	36.57 2.24 -9.11	33.13 2.24 -7.99	31.78 1.74 -9.04
CALSPAN__DRP 24200	22.10 0.99 0.00	20.58 0.56 0.00	18.47 0.36 0.00	17.75 0.40 0.00	18.23 0.41 0.00	19.54 0.38 0.00	20.93 0.35 0.00	22.38 0.22 0.00	23.83 0.33 0.00	24.98 0.47 0.00	25.84 0.78 0.00	27.26 0.69 0.00	28.11 0.47 0.00	29.34 0.49 0.00	30.15 0.50 0.00	30.55 1.09 0.00	31.98 0.35 0.00	33.45 0.17 0.00	31.87 0.19 0.00	30.46 0.30 0.00	28.61 0.37 0.00	25.77 0.55 0.00	23.23 0.34 0.00	21.80 0.80 0.00
CALVERTON__SOLAR 323806	37.35 2.53 -13.71	30.52 2.30 -8.20	27.89 2.08 -7.70	24.44 1.96 -5.14	25.08 2.00 -5.26	27.85 2.18 -6.51	27.61 2.43 -4.60	31.57 3.14 -6.27	34.60 3.29 -7.80	39.81 3.43 -11.87	40.81 3.23 -12.50	41.23 3.48 -11.18	47.85 3.62 -16.59	47.99 3.78 -15.37	57.34 3.85 -23.84	52.41 3.77 -19.18	57.20 4.14 -21.43	68.20 4.30 -30.62	55.19 4.06 -19.46	45.46 3.83 -11.47	49.41 3.59 -17.57	44.48 3.25 -16.00	39.46 3.16 -13.41	33.46 2.58 -9.88
CANDIGU_WT_PWR 323617	21.87 0.76 0.00	20.42 0.40 0.00	18.45 0.34 0.00	17.66 0.31 0.00	18.13 0.30 0.00	19.46 0.31 0.00	20.93 0.35 0.00	22.47 0.31 0.00	23.90 0.40 0.00	25.03 0.52 0.00	25.77 0.70 0.00	27.24 0.66 0.00	28.23 0.58 0.00	29.54 0.69 0.00	30.27 0.62 0.00	30.44 0.97 0.00	32.10 0.48 0.00	33.72 0.43 0.00	32.15 0.48 0.00	30.64 0.48 0.00	28.78 0.54 0.00	25.82 0.60 0.00	23.35 0.46 0.00	21.67 0.67 0.00
CARR STREET_E_SYR 24060	21.17 0.06 0.00	19.98 -0.04 0.00	18.06 -0.05 0.00	17.29 -0.05 0.00	17.77 -0.05 0.00	19.10 -0.06 0.00	20.54 -0.04 0.00	22.09 -0.07 0.00	23.46 -0.05 0.00	24.49 -0.02 0.00	25.17 0.10 0.00	26.55 -0.03 0.00	27.53 -0.11 0.00	28.76 -0.09 0.00	29.53 -0.12 0.00	29.41 -0.06 0.00	31.44 -0.19 0.00	33.06 -0.23 0.00	31.46 -0.22 0.00	29.95 -0.21 0.00	28.05 -0.20 0.00	25.12 -0.10 0.00	22.82 -0.07 0.00	21.06 0.06 0.00
CARTHAGE__PAPER 23857	20.90 -0.21 0.00	19.80 -0.22 0.00	17.86 -0.25 0.00	17.09 -0.26 0.00	17.57 -0.25 0.00	18.95 -0.21 0.00	20.37 -0.21 0.00	21.91 -0.24 0.00	23.22 -0.28 0.00	24.22 -0.29 0.00	24.82 -0.25 0.00	26.33 -0.24 0.00	27.34 -0.30 0.00	28.50 -0.34 0.00	29.23 -0.42 0.00	28.82 -0.65 0.00	31.09 -0.54 0.00	33.06 -0.23 0.00	31.65 -0.03 0.00	30.28 0.12 0.00	28.42 0.17 0.00	25.24 0.03 0.00	22.73 -0.16 0.00	20.87 -0.13 0.00

CASSADAGA_WT_PWR 323784	22.61 1.50 0.00	20.98 0.96 0.00	18.94 0.83 0.00	18.06 0.71 0.00	18.57 0.75 0.00	19.90 0.75 0.00	21.38 0.80 0.00	23.04 0.89 0.00	24.68 1.17 0.00	25.84 1.32 0.00	26.80 1.73 0.00	28.17 1.59 0.00	29.05 1.41 0.00	30.41 1.56 0.00	31.07 1.42 0.00	31.26 1.80 0.00	32.64 1.01 0.00	34.12 0.83 0.00	32.53 0.86 0.00	31.09 0.94 0.00	29.32 1.07 0.00	26.33 1.11 0.00	23.81 0.92 0.00	22.41 1.41 0.00
CE_DUNWOOD___DRP 24194	22.42 1.31 0.00	21.16 1.14 0.00	19.16 1.05 0.00	18.34 0.99 0.00	18.84 1.02 0.00	20.27 1.11 0.00	21.84 1.26 0.00	23.91 1.75 0.00	25.31 1.81 0.00	26.40 1.89 0.00	26.86 1.78 -0.02	28.64 1.97 -0.10	29.83 2.07 -0.11	31.04 2.19 0.00	31.87 2.22 0.00	31.56 2.09 0.00	34.00 2.37 0.00	35.68 2.40 0.00	33.86 2.19 0.00	32.18 2.02 0.00	30.17 1.92 0.00	26.93 1.71 0.00	24.59 1.69 0.00	22.26 1.26 0.00
CE_MILLWOOD___DRP 24193	22.35 1.25 0.00	21.12 1.10 0.00	19.11 1.00 0.00	18.30 0.95 0.00	18.79 0.96 0.00	20.21 1.05 0.00	21.77 1.19 0.00	23.84 1.68 0.00	25.22 1.72 0.00	26.30 1.79 0.00	26.76 1.68 -0.02	28.56 1.89 -0.10	29.74 1.99 -0.11	30.96 2.11 0.00	31.78 2.13 0.00	31.44 1.97 0.00	33.91 2.28 0.00	35.58 2.30 0.00	33.77 2.09 0.00	32.09 1.93 0.00	30.08 1.84 0.00	26.88 1.66 0.00	24.52 1.63 0.00	22.22 1.22 0.00
CE_NYC2_DRP 24202	22.61 1.50 0.00	21.32 1.30 0.00	19.31 1.20 0.00	18.47 1.13 0.00	19.00 1.18 0.00	20.40 1.25 0.00	21.98 1.40 0.00	24.20 2.04 -0.01	25.59 2.09 0.00	26.75 2.23 -0.01	27.16 2.08 -0.02	28.99 2.31 -0.11	30.20 2.43 -0.12	31.40 2.54 -0.01	32.20 2.55 -0.01	31.89 2.42 -0.01	34.39 2.75 -0.01	36.02 2.73 0.00	34.18 2.50 0.00	32.42 2.26 0.00	30.37 2.12 0.00	27.14 1.92 0.00	24.86 1.97 0.00	22.47 1.47 0.00
CE_NYC_DRP 24195	22.52 1.41 0.00	21.24 1.22 0.00	19.23 1.12 0.00	18.40 1.06 0.00	18.91 1.09 0.00	20.35 1.19 0.00	21.94 1.36 0.00	24.10 1.95 0.00	25.52 2.02 0.00	26.64 2.13 0.00	27.09 2.01 -0.02	28.90 2.23 -0.10	30.08 2.32 -0.11	31.27 2.42 0.00	32.05 2.40 0.00	31.73 2.27 0.00	34.25 2.63 0.00	35.88 2.60 0.00	34.05 2.38 0.00	32.30 2.14 0.00	30.31 2.06 0.00	27.09 1.87 0.00	24.77 1.88 0.00	22.36 1.36 0.00
CHAFFEE___LFGE 323603	22.16 1.05 0.00	20.62 0.60 0.00	18.65 0.54 0.00	17.80 0.45 0.00	18.27 0.45 0.00	19.58 0.42 0.00	20.99 0.41 0.00	22.47 0.31 0.00	23.95 0.45 0.00	25.08 0.56 0.00	25.97 0.90 0.00	27.40 0.82 0.00	28.28 0.64 0.00	29.60 0.75 0.00	30.27 0.62 0.00	30.61 1.15 0.00	32.10 0.48 0.00	33.65 0.37 0.00	32.06 0.38 0.00	30.61 0.45 0.00	28.78 0.54 0.00	25.90 0.68 0.00	23.37 0.48 0.00	21.86 0.86 0.00
CHATEAUG_35_KV_LOAD 355732	20.26 -0.84 0.00	19.34 -0.68 0.00	17.49 -0.62 0.00	16.79 -0.56 0.00	17.34 -0.48 0.00	18.64 -0.52 0.00	20.05 -0.54 0.00	21.34 -0.82 0.00	22.82 -0.68 0.00	24.00 -0.51 0.00	24.49 -0.58 0.00	25.91 -0.66 0.00	26.90 -0.75 0.00	27.75 -1.10 0.00	28.55 -1.10 0.00	28.67 -0.80 0.00	31.28 -0.35 0.00	32.99 -0.30 0.00	31.46 -0.22 0.00	29.95 -0.21 0.00	27.94 -0.31 0.00	24.77 -0.45 0.00	22.39 -0.50 0.00	20.45 -0.55 0.00
CHATEAUG_WT_PWR 323614	20.26 -0.84 0.00	19.34 -0.68 0.00	17.48 -0.63 0.00	16.79 -0.56 0.00	17.34 -0.48 0.00	18.66 -0.50 0.00	20.03 -0.55 0.00	21.29 -0.86 0.00	22.80 -0.70 0.00	24.00 -0.52 0.00	24.49 -0.58 0.00	25.88 -0.69 0.00	26.90 -0.75 0.00	27.72 -1.13 0.00	28.61 -1.04 0.00	28.67 -0.79 0.00	31.31 -0.32 0.00	32.99 -0.30 0.00	31.46 -0.22 0.00	29.95 -0.21 0.00	27.94 -0.31 0.00	24.79 -0.43 0.00	22.39 -0.50 0.00	20.45 -0.55 0.00
CHAT_HIGH_FALL_HYD 323578	20.26 -0.84 0.00	19.34 -0.68 0.00	17.49 -0.62 0.00	16.79 -0.56 0.00	17.34 -0.48 0.00	18.64 -0.52 0.00	20.03 -0.55 0.00	21.34 -0.82 0.00	22.82 -0.68 0.00	24.00 -0.52 0.00	24.49 -0.58 0.00	25.91 -0.66 0.00	26.90 -0.75 0.00	27.75 -1.10 0.00	28.64 -1.01 0.00	28.67 -0.79 0.00	31.28 -0.35 0.00	32.99 -0.30 0.00	31.46 -0.22 0.00	29.95 -0.21 0.00	27.94 -0.31 0.00	24.77 -0.45 0.00	22.39 -0.50 0.00	20.45 -0.55 0.00
CHAUTAUQUA___LFGE 323629	22.44 1.33 0.00	20.88 0.86 0.00	18.85 0.74 0.00	18.01 0.66 0.00	18.48 0.66 0.00	19.83 0.67 0.00	21.26 0.68 0.00	22.82 0.66 0.00	24.35 0.84 0.00	25.49 0.98 0.00	26.40 1.33 0.00	27.80 1.22 0.00	28.69 1.05 0.00	30.03 1.18 0.00	30.74 1.10 0.00	30.97 1.50 0.00	32.42 0.79 0.00	33.95 0.67 0.00	32.37 0.70 0.00	30.91 0.75 0.00	29.12 0.88 0.00	26.18 0.96 0.00	23.65 0.75 0.00	22.15 1.15 0.00
CHERRYST_13_KV_LD 356241	22.59 1.48 0.00	21.30 1.28 0.00	19.29 1.18 0.00	18.46 1.11 0.00	18.96 1.14 0.00	20.40 1.25 0.00	22.00 1.42 0.00	24.22 2.06 0.00	25.64 2.14 0.00	26.77 2.26 0.00	27.21 2.13 -0.02	29.04 2.37 -0.10	30.22 2.46 -0.11	31.42 2.57 0.00	32.20 2.55 0.00	31.88 2.42 0.00	34.41 2.78 0.00	36.05 2.76 0.00	34.18 2.50 0.00	32.42 2.26 0.00	30.39 2.15 0.00	27.16 1.94 0.00	24.86 1.97 0.00	22.43 1.43 0.00
CHESTROR_138KV_BK263 355645	22.16 1.06 0.00	20.92 0.90 0.00	18.92 0.81 0.00	18.13 0.78 0.00	18.61 0.78 0.00	20.00 0.84 0.00	21.53 0.95 0.00	23.46 1.31 0.00	24.82 1.32 0.00	25.86 1.35 0.00	26.33 1.25 -0.01	28.06 1.41 -0.08	29.23 1.49 -0.09	30.44 1.59 0.00	31.28 1.63 0.00	31.00 1.53 0.00	33.40 1.77 0.00	35.09 1.80 0.00	33.33 1.65 0.00	31.70 1.54 0.00	29.69 1.44 0.00	26.56 1.34 0.00	24.20 1.30 0.00	21.99 0.99 0.00
CH_MIDHUDSON___DRP 24192	22.38 1.27 0.00	21.12 1.10 0.00	19.11 1.00 0.00	18.30 0.95 0.00	18.79 0.96 0.00	20.17 1.02 0.00	21.73 1.15 0.00	23.71 1.55 0.00	25.05 1.55 0.00	26.08 1.57 0.00	26.56 1.48 -0.01	28.31 1.67 -0.07	29.49 1.77 -0.07	30.72 1.88 0.00	31.57 1.93 0.00	31.26 1.80 0.00	33.69 2.06 0.00	35.42 2.13 0.00	33.64 1.96 0.00	32.00 1.84 0.00	29.97 1.72 0.00	26.81 1.59 0.00	24.45 1.56 0.00	22.20 1.20 0.00
CH_MISC_IPPS 23765	22.48 1.37 0.00	21.20 1.18 0.00	19.16 1.05 0.00	18.37 1.02 0.00	18.86 1.03 0.00	20.23 1.07 0.00	21.79 1.21 0.00	23.77 1.62 0.00	25.10 1.60 0.00	26.15 1.64 0.00	26.63 1.55 -0.01	28.43 1.78 -0.07	29.58 1.85 -0.08	30.81 1.96 0.00	31.66 2.02 0.00	31.38 1.91 0.00	33.81 2.18 0.00	35.52 2.23 0.00	33.74 2.06 0.00	32.12 1.96 0.00	30.06 1.81 0.00	26.91 1.69 0.00	24.54 1.65 0.00	22.28 1.28 0.00
CH_RES_BVR_FALLS 23983	20.73 -0.38 0.00	19.74 -0.28 0.00	17.87 -0.24 0.00	17.10 -0.24 0.00	17.59 -0.23 0.00	18.91 -0.25 0.00	20.27 -0.31 0.00	21.76 -0.40 0.00	23.10 -0.40 0.00	24.12 -0.39 0.00	24.67 -0.40 0.00	26.15 -0.43 0.00	27.20 -0.44 0.00	28.33 -0.52 0.00	29.11 -0.53 0.00	28.93 -0.53 0.00	31.12 -0.51 0.00	32.75 -0.53 0.00	31.20 -0.47 0.00	29.71 -0.45 0.00	27.79 -0.45 0.00	24.79 -0.43 0.00	22.50 -0.39 0.00	20.62 -0.38 0.00

CH_RES_NIAGARA 23895	21.34 0.23 0.00	19.88 -0.14 0.00	18.00 -0.11 0.00	17.17 -0.17 0.00	17.63 -0.20 0.00	18.89 -0.27 0.00	20.21 -0.37 0.00	21.53 -0.62 0.00	22.87 -0.63 0.00	23.97 -0.54 0.00	24.74 -0.33 0.00	26.10 -0.48 0.00	26.92 -0.72 0.00	28.13 -0.72 0.00	28.79 -0.86 0.00	29.08 -0.38 0.00	30.52 -1.11 0.00	31.99 -1.30 0.00	30.54 -1.14 0.00	29.19 -0.97 0.00	27.46 -0.79 0.00	24.74 -0.48 0.00	22.39 -0.50 0.00	21.04 0.04 0.00
CH_RES_SYRACUSE 23985	21.28 0.17 0.00	20.08 0.06 0.00	18.16 0.05 0.00	17.38 0.03 0.00	17.86 0.04 0.00	19.20 0.04 0.00	20.66 0.08 0.00	22.22 0.07 0.00	23.60 0.09 0.00	24.64 0.12 0.00	25.32 0.25 0.00	26.78 0.21 0.00	27.84 0.19 0.00	29.08 0.23 0.00	29.83 0.18 0.00	29.70 0.23 0.00	31.76 0.13 0.00	33.39 0.10 0.00	31.77 0.10 0.00	30.25 0.09 0.00	28.33 0.08 0.00	25.30 0.08 0.00	22.96 0.07 0.00	21.17 0.17 0.00
CLINTON_WT_PWR 323605	20.26 -0.84 0.00	19.34 -0.68 0.00	17.48 -0.63 0.00	16.79 -0.56 0.00	17.34 -0.48 0.00	18.66 -0.50 0.00	20.03 -0.55 0.00	21.29 -0.86 0.00	22.80 -0.70 0.00	24.00 -0.52 0.00	24.49 -0.58 0.00	25.88 -0.69 0.00	26.90 -0.75 0.00	27.72 -1.13 0.00	28.61 -1.04 0.00	28.67 -0.79 0.00	31.31 -0.32 0.00	32.99 -0.30 0.00	31.46 -0.22 0.00	29.95 -0.21 0.00	27.94 -0.31 0.00	24.79 -0.43 0.00	22.39 -0.50 0.00	20.45 -0.55 0.00
CLINTON___LFGE 323618	20.45 -0.65 0.00	19.50 -0.52 0.00	17.60 -0.51 0.00	16.90 -0.45 0.00	17.47 -0.36 0.00	18.77 -0.38 0.00	20.19 -0.39 0.00	21.42 -0.73 0.00	22.94 -0.56 0.00	24.15 -0.37 0.00	24.64 -0.43 0.00	26.07 -0.51 0.00	27.06 -0.58 0.00	27.87 -0.98 0.00	28.76 -0.89 0.00	28.79 -0.68 0.00	31.57 -0.06 0.00	33.32 0.03 0.00	31.77 0.10 0.00	30.22 0.06 0.00	28.19 -0.06 0.00	24.99 -0.23 0.00	22.55 -0.34 0.00	20.60 -0.40 0.00
COBBLENY_34_KV_TB1 80064	22.16 1.06 0.00	20.62 0.60 0.00	18.53 0.42 0.00	17.80 0.45 0.00	18.27 0.45 0.00	19.58 0.42 0.00	20.99 0.41 0.00	22.47 0.31 0.00	23.95 0.45 0.00	25.08 0.56 0.00	25.97 0.90 0.00	27.40 0.82 0.00	28.25 0.61 0.00	29.51 0.66 0.00	30.33 0.68 0.00	30.76 1.30 0.00	32.17 0.54 0.00	33.65 0.37 0.00	32.06 0.38 0.00	30.61 0.45 0.00	28.78 0.54 0.00	25.90 0.68 0.00	23.35 0.46 0.00	21.86 0.86 0.00
COFFEEN___115KV_TB3 355620	21.26 0.15 0.00	20.10 0.08 0.00	18.09 -0.02 0.00	17.33 -0.02 0.00	17.82 0.00 0.00	19.20 0.04 0.00	20.68 0.10 0.00	22.24 0.09 0.00	23.57 0.07 0.00	24.59 0.07 0.00	25.24 0.18 0.00	26.79 0.21 0.00	27.81 0.17 0.00	28.99 0.14 0.00	29.77 0.12 0.00	29.32 -0.15 0.00	31.57 -0.06 0.00	33.52 0.23 0.00	32.19 0.51 0.00	30.85 0.69 0.00	28.98 0.73 0.00	25.70 0.48 0.00	23.10 0.21 0.00	21.27 0.27 0.00
COLDSPRG_115KV_BK1 355956	22.80 1.69 0.00	21.18 1.16 0.00	19.00 0.89 0.00	18.25 0.90 0.00	18.73 0.91 0.00	20.12 0.96 0.00	21.61 1.03 0.00	23.28 1.13 0.00	24.91 1.41 0.00	26.06 1.54 0.00	27.05 1.98 0.00	28.41 1.83 0.00	29.25 1.60 0.00	30.58 1.73 0.00	31.40 1.75 0.00	31.76 2.30 0.00	33.12 1.49 0.00	34.55 1.26 0.00	32.88 1.20 0.00	31.48 1.33 0.00	29.69 1.44 0.00	26.68 1.46 0.00	24.06 1.17 0.00	22.55 1.55 0.00
COLONIE_LFGE___ 323577	22.02 0.91 0.00	20.86 0.84 0.00	18.87 0.76 0.00	18.08 0.73 0.00	18.55 0.73 0.00	19.96 0.80 0.00	21.44 0.86 0.00	23.24 1.09 0.00	24.63 1.13 0.00	25.57 1.05 0.00	26.07 1.03 0.02	27.56 1.14 0.15	28.74 1.27 0.17	30.21 1.36 0.00	31.10 1.45 0.00	30.82 1.36 0.00	33.12 1.49 0.00	34.92 1.63 0.00	33.23 1.55 0.00	31.66 1.51 0.00	29.66 1.41 0.00	26.46 1.24 0.00	24.06 1.17 0.00	21.92 0.92 0.00
COOPERNY_115KV_TB1 80082	21.89 0.78 0.00	20.70 0.68 0.00	18.71 0.60 0.00	17.92 0.57 0.00	18.41 0.59 0.00	19.79 0.63 0.00	21.30 0.72 0.00	23.15 1.00 0.00	24.51 1.01 0.00	25.57 1.05 0.00	26.05 0.98 -0.01	27.71 1.09 -0.05	28.83 1.13 -0.05	30.09 1.24 0.00	30.92 1.27 0.00	30.64 1.18 0.00	32.99 1.36 0.00	34.65 1.36 0.00	32.95 1.27 0.00	31.33 1.18 0.00	29.35 1.10 0.00	26.23 1.01 0.00	23.90 1.01 0.00	21.76 0.76 0.00
COPENHAGEN_WT_PWR 323753	21.07 -0.04 0.00	19.92 -0.10 0.00	17.96 -0.15 0.00	17.21 -0.14 0.00	17.68 -0.14 0.00	19.04 -0.11 0.00	20.52 -0.06 0.00	22.07 -0.09 0.00	23.39 -0.12 0.00	24.39 -0.12 0.00	25.02 -0.05 0.00	26.52 -0.05 0.00	27.56 -0.08 0.00	28.71 -0.14 0.00	29.44 -0.21 0.00	29.08 -0.38 0.00	31.28 -0.35 0.00	33.22 -0.07 0.00	31.81 0.13 0.00	30.46 0.30 0.00	28.59 0.34 0.00	25.40 0.18 0.00	22.87 -0.02 0.00	21.06 0.06 0.00
CORNELL_____ 23752	21.81 0.70 0.00	20.54 0.52 0.00	18.53 0.42 0.00	17.76 0.42 0.00	18.25 0.43 0.00	19.64 0.48 0.00	21.16 0.58 0.00	22.78 0.62 0.00	24.16 0.66 0.00	25.20 0.69 0.00	25.87 0.80 0.00	27.40 0.82 0.00	28.45 0.80 0.00	29.71 0.87 0.00	30.57 0.92 0.00	30.44 0.97 0.00	32.51 0.89 0.00	34.29 1.00 0.00	32.69 1.01 0.00	31.18 1.03 0.00	29.21 0.96 0.00	26.05 0.83 0.00	23.58 0.69 0.00	21.71 0.71 0.00
CORONA_AV_69_KV_TB1 355595	35.96 1.88 -12.97	29.88 1.66 -8.20	27.31 1.50 -7.69	23.92 1.44 -5.14	24.56 1.48 -5.26	27.26 1.59 -6.51	26.95 1.77 -4.60	30.71 2.28 -6.27	33.65 2.35 -7.79	34.97 2.43 -8.03	37.41 2.33 -10.01	36.39 2.58 -7.24	45.77 2.71 -15.42	43.80 2.86 -12.09	45.25 2.88 -12.73	45.59 2.77 -13.36	45.33 3.10 -10.60	44.59 3.16 -8.14	44.13 2.91 -9.53	41.89 2.71 -9.02	41.30 2.57 -10.48	36.56 2.32 -9.02	33.15 2.33 -7.92	31.85 1.83 -9.03
CORTLAND_115KV_TB3 80093	21.59 0.49 0.00	20.36 0.34 0.00	18.38 0.27 0.00	17.61 0.26 0.00	18.09 0.27 0.00	19.46 0.31 0.00	20.95 0.37 0.00	22.58 0.42 0.00	23.97 0.47 0.00	25.00 0.49 0.00	25.67 0.60 0.00	27.16 0.58 0.00	28.22 0.58 0.00	29.48 0.63 0.00	30.33 0.68 0.00	30.17 0.71 0.00	32.26 0.63 0.00	33.95 0.67 0.00	32.34 0.67 0.00	30.82 0.66 0.00	28.87 0.62 0.00	25.77 0.55 0.00	23.35 0.46 0.00	21.50 0.50 0.00
COXSACKIE___GT 23611	22.63 1.52 0.00	21.34 1.32 0.00	19.25 1.14 0.00	18.44 1.09 0.00	18.95 1.12 0.00	20.25 1.09 0.00	21.79 1.21 0.00	23.53 1.37 0.00	24.84 1.34 0.00	25.71 1.20 0.00	26.19 1.13 0.01	27.96 1.43 0.05	29.19 1.60 0.06	30.35 1.50 0.00	31.40 1.75 0.00	31.14 1.68 0.00	33.49 1.87 0.00	35.42 2.13 0.00	33.77 2.09 0.00	32.27 2.11 0.00	30.17 1.92 0.00	27.11 1.89 0.00	24.54 1.65 0.00	22.34 1.35 0.00
CPV_VALLEY___CC1 323721	21.97 0.87 0.00	20.76 0.74 0.00	18.78 0.67 0.00	17.99 0.64 0.00	18.48 0.66 0.00	19.87 0.71 0.00	21.38 0.80 0.00	23.28 1.13 0.00	24.65 1.15 0.00	25.69 1.18 0.00	26.18 1.10 -0.01	27.87 1.22 -0.07	29.02 1.30 -0.08	30.23 1.38 0.00	31.07 1.42 0.00	30.82 1.36 0.00	33.18 1.55 0.00	34.82 1.53 0.00	33.11 1.43 0.00	31.45 1.30 0.00	29.46 1.21 0.00	26.36 1.14 0.00	24.01 1.12 0.00	21.84 0.84 0.00

CPV_VALLEY___CC2 323722	21.97 0.87 0.00	20.76 0.74 0.00	18.78 0.67 0.00	17.99 0.64 0.00	18.48 0.66 0.00	19.87 0.71 0.00	21.38 0.80 0.00	23.28 1.13 0.00	24.65 1.15 0.00	25.69 1.18 0.00	26.18 1.10 -0.01	27.87 1.22 -0.07	29.02 1.30 -0.08	30.23 1.38 0.00	31.07 1.42 0.00	30.82 1.36 0.00	33.18 1.55 0.00	34.82 1.53 0.00	33.11 1.43 0.00	31.45 1.30 0.00	29.46 1.21 0.00	26.36 1.14 0.00	24.01 1.12 0.00	21.84 0.84 0.00
CRESCENT___HYD 24018	22.02 0.91 0.00	20.86 0.84 0.00	18.87 0.76 0.00	18.08 0.73 0.00	18.55 0.73 0.00	19.96 0.80 0.00	21.44 0.86 0.00	23.24 1.09 0.00	24.63 1.13 0.00	25.57 1.05 0.00	26.07 1.03 0.02	27.56 1.14 0.15	28.74 1.27 0.17	30.21 1.36 0.00	31.10 1.45 0.00	30.82 1.36 0.00	33.12 1.49 0.00	34.92 1.63 0.00	33.23 1.55 0.00	31.66 1.51 0.00	29.66 1.41 0.00	26.46 1.24 0.00	24.06 1.17 0.00	21.92 0.92 0.00
CRICKET___VALLEY_CC1 323756	22.12 1.01 0.00	20.92 0.90 0.00	18.93 0.82 0.00	18.15 0.80 0.00	18.61 0.78 0.00	20.02 0.86 0.00	21.55 0.97 0.00	23.48 1.33 0.00	24.82 1.32 0.00	25.76 1.25 0.00	25.95 1.13 0.24	26.37 1.30 1.50	27.33 1.38 1.70	30.32 1.47 0.00	31.19 1.54 0.00	30.94 1.47 0.00	33.30 1.68 0.00	35.02 1.73 0.00	33.26 1.58 0.00	31.63 1.48 0.00	29.63 1.38 0.00	26.48 1.26 0.00	24.17 1.28 0.00	21.99 0.99 0.00
CRICKET___VALLEY_CC2 323757	22.12 1.01 0.00	20.92 0.90 0.00	18.93 0.82 0.00	18.15 0.80 0.00	18.61 0.78 0.00	20.02 0.86 0.00	21.55 0.97 0.00	23.48 1.33 0.00	24.82 1.32 0.00	25.76 1.25 0.00	25.95 1.13 0.24	26.37 1.30 1.50	27.33 1.38 1.70	30.32 1.47 0.00	31.19 1.54 0.00	30.94 1.47 0.00	33.30 1.68 0.00	35.02 1.73 0.00	33.26 1.58 0.00	31.63 1.48 0.00	29.63 1.38 0.00	26.48 1.26 0.00	24.17 1.28 0.00	21.99 0.99 0.00
CRICKET___VALLEY_CC3 323758	22.12 1.01 0.00	20.92 0.90 0.00	18.93 0.82 0.00	18.15 0.80 0.00	18.61 0.78 0.00	20.02 0.86 0.00	21.55 0.97 0.00	23.48 1.33 0.00	24.82 1.32 0.00	25.76 1.25 0.00	25.95 1.13 0.24	26.37 1.30 1.50	27.33 1.38 1.70	30.32 1.47 0.00	31.19 1.54 0.00	30.94 1.47 0.00	33.30 1.68 0.00	35.02 1.73 0.00	33.26 1.58 0.00	31.63 1.48 0.00	29.63 1.38 0.00	26.48 1.26 0.00	24.17 1.28 0.00	21.99 0.99 0.00
CRUCIBLE_METL_DRP 24180	21.28 0.17 0.00	20.08 0.06 0.00	18.15 0.04 0.00	17.38 0.03 0.00	17.86 0.04 0.00	19.20 0.04 0.00	20.66 0.08 0.00	22.22 0.07 0.00	23.60 0.09 0.00	24.63 0.12 0.00	25.32 0.25 0.00	26.79 0.21 0.00	27.84 0.19 0.00	29.05 0.20 0.00	29.88 0.24 0.00	29.73 0.27 0.00	31.76 0.13 0.00	33.39 0.10 0.00	31.77 0.10 0.00	30.25 0.09 0.00	28.33 0.08 0.00	25.30 0.08 0.00	22.96 0.07 0.00	21.17 0.17 0.00
DAHOWA___HYDRO 323763	22.31 1.20 0.00	21.10 1.08 0.00	19.05 0.94 0.00	18.25 0.90 0.00	18.71 0.89 0.00	20.19 1.03 0.00	21.67 1.09 0.00	23.48 1.33 0.00	24.94 1.43 0.00	25.88 1.37 0.00	26.35 1.30 0.02	27.83 1.38 0.13	29.07 1.57 0.14	30.52 1.67 0.00	31.43 1.78 0.00	31.08 1.62 0.00	33.37 1.74 0.00	35.22 1.93 0.00	33.68 2.00 0.00	32.09 1.93 0.00	30.08 1.84 0.00	26.88 1.66 0.00	24.43 1.53 0.00	22.22 1.22 0.00
DANC___LFGE 323619	21.02 -0.08 0.00	19.86 -0.16 0.00	17.93 -0.18 0.00	17.16 -0.19 0.00	17.65 -0.18 0.00	18.99 -0.17 0.00	20.44 -0.14 0.00	21.98 -0.18 0.00	23.29 -0.21 0.00	24.32 -0.20 0.00	24.92 -0.15 0.00	26.41 -0.16 0.00	27.45 -0.19 0.00	28.56 -0.29 0.00	29.32 -0.33 0.00	29.05 -0.41 0.00	31.19 -0.44 0.00	33.02 -0.27 0.00	31.55 -0.13 0.00	30.16 0.00 0.00	28.28 0.03 0.00	25.17 -0.05 0.00	22.73 -0.16 0.00	21.00 0.00 0.00
DANSKAMMER___1 23586	22.48 1.37 0.00	21.20 1.18 0.00	19.16 1.05 0.00	18.37 1.02 0.00	18.86 1.03 0.00	20.23 1.07 0.00	21.79 1.21 0.00	23.77 1.62 0.00	25.10 1.60 0.00	26.15 1.64 0.00	26.63 1.55 -0.01	28.43 1.78 -0.07	29.58 1.85 -0.08	30.81 1.96 0.00	31.66 2.02 0.00	31.38 1.91 0.00	33.81 2.18 0.00	35.52 2.23 0.00	33.74 2.06 0.00	32.12 1.96 0.00	30.06 1.81 0.00	26.91 1.69 0.00	24.54 1.65 0.00	22.28 1.28 0.00
DANSKAMMER___2 23589	22.48 1.37 0.00	21.20 1.18 0.00	19.16 1.05 0.00	18.37 1.02 0.00	18.86 1.03 0.00	20.23 1.07 0.00	21.79 1.21 0.00	23.77 1.62 0.00	25.10 1.60 0.00	26.15 1.64 0.00	26.63 1.55 -0.01	28.43 1.78 -0.07	29.58 1.85 -0.08	30.81 1.96 0.00	31.66 2.02 0.00	31.38 1.91 0.00	33.81 2.18 0.00	35.52 2.23 0.00	33.74 2.06 0.00	32.12 1.96 0.00	30.06 1.81 0.00	26.91 1.69 0.00	24.54 1.65 0.00	22.28 1.28 0.00
DANSKAMMER___3 23590	22.48 1.37 0.00	21.20 1.18 0.00	19.16 1.05 0.00	18.37 1.02 0.00	18.86 1.03 0.00	20.23 1.07 0.00	21.79 1.21 0.00	23.77 1.62 0.00	25.10 1.60 0.00	26.15 1.64 0.00	26.63 1.55 -0.01	28.43 1.78 -0.07	29.58 1.85 -0.08	30.81 1.96 0.00	31.66 2.02 0.00	31.38 1.91 0.00	33.81 2.18 0.00	35.52 2.23 0.00	33.74 2.06 0.00	32.12 1.96 0.00	30.06 1.81 0.00	26.91 1.69 0.00	24.54 1.65 0.00	22.28 1.28 0.00
DANSKAMMER___4 23591	22.48 1.37 0.00	21.20 1.18 0.00	19.16 1.05 0.00	18.37 1.02 0.00	18.86 1.03 0.00	20.23 1.07 0.00	21.79 1.21 0.00	23.77 1.62 0.00	25.10 1.60 0.00	26.15 1.64 0.00	26.63 1.55 -0.01	28.43 1.78 -0.07	29.58 1.85 -0.08	30.81 1.96 0.00	31.66 2.02 0.00	31.38 1.91 0.00	33.81 2.18 0.00	35.52 2.23 0.00	33.74 2.06 0.00	32.12 1.96 0.00	30.06 1.81 0.00	26.91 1.69 0.00	24.54 1.65 0.00	22.28 1.28 0.00
DANSKAMMER___DIESEL 23592	22.48 1.37 0.00	21.20 1.18 0.00	19.18 1.07 0.00	18.37 1.02 0.00	18.86 1.03 0.00	20.23 1.07 0.00	21.79 1.21 0.00	23.77 1.62 0.00	25.10 1.60 0.00	26.15 1.64 0.00	26.63 1.55 -0.01	28.43 1.78 -0.07	29.58 1.85 -0.08	30.81 1.96 0.00	31.66 2.02 0.00	31.35 1.89 0.00	33.81 2.18 0.00	35.52 2.23 0.00	33.74 2.06 0.00	32.12 1.96 0.00	30.06 1.81 0.00	26.91 1.69 0.00	24.54 1.65 0.00	22.28 1.28 0.00
DARBY___SOLAR 323810	22.27 1.16 0.00	21.06 1.04 0.00	19.02 0.91 0.00	18.23 0.88 0.00	18.70 0.87 0.00	20.15 1.00 0.00	21.65 1.07 0.00	23.46 1.31 0.00	24.91 1.41 0.00	25.86 1.35 0.00	26.35 1.30 0.02	27.82 1.38 0.13	29.04 1.55 0.15	30.52 1.67 0.00	31.43 1.78 0.00	31.08 1.62 0.00	33.37 1.74 0.00	35.22 1.93 0.00	33.61 1.93 0.00	32.03 1.87 0.00	30.03 1.78 0.00	26.84 1.62 0.00	24.36 1.47 0.00	22.17 1.18 0.00
DASHVILLE___HYD 23610	22.25 1.14 0.00	20.98 0.96 0.00	18.98 0.87 0.00	18.18 0.83 0.00	18.66 0.84 0.00	20.02 0.86 0.00	21.57 0.99 0.00	23.53 1.37 0.00	24.77 1.27 0.00	25.81 1.30 0.00	26.28 1.20 -0.01	28.28 1.67 -0.03	29.42 1.74 -0.04	30.41 1.56 0.00	31.25 1.60 0.00	30.91 1.44 0.00	33.34 1.71 0.00	35.02 1.73 0.00	33.23 1.55 0.00	31.63 1.48 0.00	29.60 1.36 0.00	26.56 1.34 0.00	24.26 1.37 0.00	22.05 1.05 0.00

DEERFIELD_69_KV_DEERFIELD LD 355887	38.05 3.23 -13.71	31.14 2.92 -8.20	28.43 2.63 -7.70	24.95 2.46 -5.14	25.61 2.53 -5.26	28.43 2.76 -6.51	28.23 3.05 -4.60	32.26 3.83 -6.27	35.40 4.09 -7.80	40.71 4.31 -11.88	41.82 4.24 -12.51	42.33 4.57 -11.19	49.02 4.78 -16.59	49.25 5.02 -15.38	58.65 5.13 -23.87	53.64 4.98 -19.19	58.53 5.44 -21.46	69.63 5.66 -30.68	56.52 5.35 -19.49	46.61 4.98 -11.48	47.74 4.69 -14.80	45.43 4.19 -16.02	40.26 3.94 -13.43	34.15 3.28 -9.88
DELAWARE___LFGE 323621	21.91 0.80 0.00	20.70 0.68 0.00	18.69 0.58 0.00	17.90 0.56 0.00	18.39 0.57 0.00	19.79 0.63 0.00	21.30 0.72 0.00	23.09 0.93 0.00	24.49 0.99 0.00	25.54 1.03 0.00	26.12 1.05 0.00	27.72 1.14 0.00	28.80 1.16 0.00	30.09 1.24 0.00	30.89 1.25 0.00	30.67 1.21 0.00	32.89 1.27 0.00	34.62 1.33 0.00	32.98 1.30 0.00	31.36 1.21 0.00	29.41 1.16 0.00	26.25 1.03 0.00	23.83 0.94 0.00	21.78 0.78 0.00
DERFIELD_115KV_TB7 355931	21.19 0.08 0.00	20.08 0.06 0.00	18.15 0.04 0.00	17.38 0.03 0.00	17.86 0.04 0.00	19.20 0.04 0.00	20.64 0.06 0.00	22.22 0.07 0.00	23.57 0.07 0.00	24.59 0.07 0.00	25.17 0.10 0.00	26.68 0.11 0.00	27.75 0.11 0.00	28.99 0.14 0.00	29.77 0.12 0.00	29.55 0.09 0.00	31.72 0.09 0.00	33.39 0.10 0.00	31.77 0.10 0.00	30.28 0.12 0.00	28.36 0.11 0.00	25.32 0.10 0.00	22.98 0.09 0.00	21.08 0.08 0.00
DOGLEVILLE___HYD 23807	21.49 0.38 0.00	20.38 0.36 0.00	18.42 0.31 0.00	17.64 0.29 0.00	18.15 0.32 0.00	19.50 0.35 0.00	20.95 0.37 0.00	22.55 0.40 0.00	23.95 0.45 0.00	24.90 0.39 0.00	25.67 0.60 0.00	27.21 0.64 0.00	28.28 0.64 0.00	29.54 0.69 0.00	30.12 0.47 0.00	29.88 0.41 0.00	32.07 0.44 0.00	33.79 0.50 0.00	32.22 0.54 0.00	30.67 0.51 0.00	28.67 0.42 0.00	25.62 0.40 0.00	23.21 0.32 0.00	21.23 0.23 0.00
DUNKIRK___115KV_TB_200 55889	22.40 1.29 0.00	20.84 0.82 0.00	18.71 0.60 0.00	17.97 0.62 0.00	18.45 0.62 0.00	19.79 0.63 0.00	21.22 0.64 0.00	22.78 0.62 0.00	24.28 0.78 0.00	25.44 0.93 0.00	26.32 1.25 0.00	27.72 1.14 0.00	28.58 0.94 0.00	29.86 1.01 0.00	30.68 1.04 0.00	31.06 1.59 0.00	32.45 0.82 0.00	33.92 0.63 0.00	32.34 0.67 0.00	30.88 0.72 0.00	29.07 0.82 0.00	26.15 0.93 0.00	23.58 0.69 0.00	22.11 1.11 0.00
DUNKIRK___1 23563	22.40 1.29 0.00	20.84 0.82 0.00	18.71 0.60 0.00	17.97 0.62 0.00	18.45 0.62 0.00	19.79 0.63 0.00	21.22 0.64 0.00	22.78 0.62 0.00	24.28 0.78 0.00	25.44 0.93 0.00	26.32 1.25 0.00	27.72 1.14 0.00	28.58 0.94 0.00	29.86 1.01 0.00	30.68 1.04 0.00	31.06 1.59 0.00	32.45 0.82 0.00	33.92 0.63 0.00	32.34 0.67 0.00	30.88 0.72 0.00	29.07 0.82 0.00	26.15 0.93 0.00	23.58 0.69 0.00	22.11 1.11 0.00
DUNKIRK___2 23564	22.40 1.29 0.00	20.84 0.82 0.00	18.71 0.60 0.00	17.97 0.62 0.00	18.45 0.62 0.00	19.79 0.63 0.00	21.22 0.64 0.00	22.78 0.62 0.00	24.28 0.78 0.00	25.44 0.93 0.00	26.32 1.25 0.00	27.72 1.14 0.00	28.58 0.94 0.00	29.86 1.01 0.00	30.68 1.04 0.00	31.06 1.59 0.00	32.45 0.82 0.00	33.92 0.63 0.00	32.34 0.67 0.00	30.88 0.72 0.00	29.07 0.82 0.00	26.15 0.93 0.00	23.58 0.69 0.00	22.11 1.11 0.00
DUNKIRK___3 23565	22.23 1.12 0.00	20.70 0.68 0.00	18.58 0.47 0.00	17.85 0.50 0.00	18.32 0.50 0.00	19.66 0.50 0.00	21.07 0.49 0.00	22.60 0.44 0.00	24.07 0.56 0.00	25.20 0.69 0.00	26.07 1.00 0.00	27.48 0.90 0.00	28.33 0.69 0.00	29.60 0.75 0.00	30.42 0.77 0.00	30.82 1.36 0.00	32.23 0.60 0.00	33.72 0.43 0.00	32.12 0.44 0.00	30.70 0.54 0.00	28.87 0.62 0.00	25.98 0.76 0.00	23.42 0.53 0.00	21.94 0.94 0.00
DUNKIRK___4 23566	22.23 1.12 0.00	20.70 0.68 0.00	18.58 0.47 0.00	17.85 0.50 0.00	18.32 0.50 0.00	19.66 0.50 0.00	21.07 0.49 0.00	22.60 0.44 0.00	24.07 0.56 0.00	25.20 0.69 0.00	26.07 1.00 0.00	27.48 0.90 0.00	28.33 0.69 0.00	29.60 0.75 0.00	30.42 0.77 0.00	30.82 1.36 0.00	32.23 0.60 0.00	33.72 0.43 0.00	32.12 0.44 0.00	30.70 0.54 0.00	28.87 0.62 0.00	25.98 0.76 0.00	23.42 0.53 0.00	21.94 0.94 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	22.46 1.35 0.00	21.20 1.18 0.00	19.20 1.09 0.00	18.39 1.04 0.00	18.88 1.05 0.00	20.31 1.15 0.00	21.90 1.32 0.00	23.99 1.84 0.00	25.41 1.90 0.00	26.50 1.99 0.00	26.96 1.88 -0.02	28.75 2.07 -0.10	29.94 2.18 -0.11	31.16 2.31 0.00	31.96 2.31 0.00	31.67 2.21 0.00	34.13 2.50 0.00	35.82 2.53 0.00	33.99 2.31 0.00	32.27 2.11 0.00	30.25 2.01 0.00	27.04 1.82 0.00	24.68 1.79 0.00	22.32 1.32 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	22.29 1.18 0.00	21.04 1.02 0.00	19.03 0.92 0.00	18.21 0.87 0.00	18.72 0.89 0.00	20.10 0.94 0.00	21.65 1.07 0.00	23.60 1.44 0.00	24.94 1.43 0.00	25.98 1.47 0.00	26.46 1.38 -0.01	28.19 1.54 -0.07	29.36 1.63 -0.08	30.58 1.73 0.00	31.43 1.78 0.00	31.14 1.68 0.00	33.56 1.93 0.00	35.25 1.96 0.00	33.48 1.81 0.00	31.85 1.69 0.00	29.83 1.58 0.00	26.71 1.49 0.00	24.33 1.44 0.00	22.11 1.11 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	22.70 1.58 -0.01	21.41 1.38 -0.01	19.39 1.27 -0.01	18.57 1.21 -0.01	19.08 1.25 -0.01	20.46 1.30 0.00	22.00 1.42 0.00	24.22 2.06 -0.01	25.52 2.02 0.00	26.68 2.16 -0.01	27.14 2.06 -0.02	28.91 2.23 -0.11	30.11 2.35 -0.12	31.31 2.45 -0.01	32.12 2.46 -0.01	31.80 2.33 -0.01	34.33 2.69 -0.01	36.02 2.73 0.00	34.21 2.53 0.00	32.45 2.29 0.00	30.34 2.09 0.00	27.16 1.94 0.00	24.96 2.06 -0.01	22.56 1.55 -0.01
E179THST_13_KV_LOAD 356214	22.83 1.71 -0.01	21.51 1.48 -0.01	19.48 1.36 -0.01	18.66 1.30 -0.01	19.17 1.34 -0.01	20.56 1.40 0.00	22.12 1.54 0.00	24.36 2.19 -0.01	25.66 2.16 0.00	26.82 2.30 -0.01	27.29 2.21 -0.02	29.10 2.42 -0.11	30.28 2.52 -0.12	31.51 2.65 -0.01	32.29 2.64 -0.01	32.01 2.53 -0.01	34.55 2.91 -0.01	36.25 2.96 0.00	34.40 2.72 0.00	32.66 2.50 0.00	30.51 2.26 0.00	27.31 2.09 0.00	25.10 2.20 -0.01	22.67 1.66 -0.01
EAST HAMPTON___GT 23717	38.47 3.65 -13.71	31.52 3.30 -8.20	28.76 2.95 -7.70	25.26 2.77 -5.14	25.93 2.85 -5.26	28.76 3.09 -6.51	28.60 3.42 -4.60	32.68 4.25 -6.27	35.89 4.58 -7.80	41.25 4.85 -11.88	42.44 4.86 -12.51	42.94 5.18 -11.19	49.60 5.36 -16.59	49.85 5.63 -15.38	59.27 5.75 -23.87	54.32 5.66 -19.19	59.23 6.14 -21.46	70.37 6.39 -30.69	57.22 6.05 -19.49	47.34 5.70 -11.48	51.12 5.28 -17.60	45.98 4.74 -16.02	40.69 4.37 -13.43	34.55 3.67 -9.88
EAST RIVER___6 23660	22.46 1.35 0.00	21.18 1.16 0.00	19.14 1.03 0.00	18.37 1.02 0.00	18.86 1.03 0.00	20.27 1.11 0.00	21.84 1.26 0.00	24.04 1.88 0.00	25.50 2.00 0.00	26.64 2.13 0.00	26.99 1.90 -0.02	28.77 2.10 -0.10	29.97 2.21 -0.11	31.13 2.28 0.00	32.05 2.40 0.00	31.73 2.27 0.00	34.25 2.62 0.00	35.85 2.56 0.00	33.99 2.31 0.00	32.24 2.08 0.00	30.19 1.95 0.00	27.01 1.79 0.00	24.72 1.83 0.00	22.30 1.30 0.00

EAST_RIVER___7 23524	22.46 1.35 0.00	21.18 1.16 0.00	19.14 1.03 0.00	18.37 1.02 0.00	18.86 1.03 0.00	20.27 1.11 0.00	21.84 1.26 0.00	24.04 1.88 0.00	25.50 2.00 0.00	26.64 2.13 0.00	26.99 1.90 -0.02	28.77 2.10 -0.10	29.97 2.21 -0.11	31.13 2.28 0.00	32.05 2.40 0.00	31.73 2.27 0.00	34.25 2.62 0.00	35.85 2.56 0.00	33.99 2.31 0.00	32.24 2.08 0.00	30.19 1.95 0.00	27.01 1.79 0.00	24.72 1.83 0.00	22.30 1.30 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	22.42 1.31 0.00	21.16 1.14 0.00	19.16 1.05 0.00	18.34 0.99 0.00	18.84 1.02 0.00	20.27 1.11 0.00	21.84 1.26 0.00	23.91 1.75 0.00	25.31 1.81 0.00	26.40 1.89 0.00	26.86 1.78 -0.02	28.64 1.97 -0.10	29.83 2.07 -0.11	31.04 2.19 0.00	31.87 2.22 0.00	31.56 2.09 0.00	34.00 2.37 0.00	35.68 2.40 0.00	33.86 2.19 0.00	32.18 2.02 0.00	30.17 1.92 0.00	26.93 1.71 0.00	24.59 1.69 0.00	22.26 1.26 0.00
EAST_HAMPTON___DIESEL 23722	38.47 3.65 -13.71	31.52 3.30 -8.20	28.76 2.95 -7.70	25.26 2.77 -5.14	25.93 2.85 -5.26	28.77 3.10 -6.51	28.60 3.42 -4.60	32.68 4.25 -6.27	35.89 4.58 -7.80	41.25 4.85 -11.88	42.44 4.86 -12.51	42.97 5.21 -11.19	49.63 5.39 -16.59	49.88 5.66 -15.38	59.30 5.78 -23.87	54.35 5.69 -19.19	59.26 6.17 -21.46	70.37 6.39 -30.69	57.22 6.05 -19.49	47.34 5.70 -11.48	51.12 5.28 -17.60	45.98 4.74 -16.02	40.69 4.37 -13.43	34.55 3.67 -9.88
EAST_PULASKI___ESR 323781	20.98 -0.13 0.00	19.82 -0.20 0.00	17.91 -0.20 0.00	17.16 -0.19 0.00	17.63 -0.20 0.00	18.97 -0.19 0.00	20.40 -0.19 0.00	21.91 -0.24 0.00	23.24 -0.26 0.00	24.27 -0.25 0.00	24.89 -0.18 0.00	26.33 -0.24 0.00	27.39 -0.25 0.00	28.50 -0.35 0.00	29.29 -0.36 0.00	29.11 -0.35 0.00	31.19 -0.44 0.00	32.89 -0.40 0.00	31.36 -0.32 0.00	29.92 -0.24 0.00	28.02 -0.23 0.00	24.99 -0.23 0.00	22.62 -0.27 0.00	20.96 -0.04 0.00
EAST_RIVER___1 323558	22.52 1.41 0.00	21.24 1.22 0.00	19.20 1.09 0.00	18.41 1.06 0.00	18.91 1.09 0.00	20.35 1.19 0.00	21.94 1.36 0.00	24.11 1.95 0.00	25.52 2.02 0.00	26.64 2.13 0.00	27.09 2.01 -0.02	28.90 2.23 -0.10	30.08 2.32 -0.11	31.24 2.39 0.00	32.08 2.43 0.00	31.79 2.33 0.00	34.25 2.62 0.00	35.92 2.63 0.00	34.06 2.38 0.00	32.33 2.17 0.00	30.31 2.06 0.00	27.09 1.87 0.00	24.77 1.88 0.00	22.36 1.36 0.00
EAST_RIVER___2 323559	22.46 1.35 0.00	21.18 1.16 0.00	19.14 1.03 0.00	18.37 1.02 0.00	18.86 1.03 0.00	20.27 1.11 0.00	21.84 1.26 0.00	24.04 1.88 0.00	25.50 2.00 0.00	26.64 2.13 0.00	26.99 1.90 -0.02	28.77 2.10 -0.10	29.97 2.21 -0.11	31.13 2.28 0.00	32.05 2.40 0.00	31.73 2.27 0.00	34.25 2.62 0.00	35.85 2.56 0.00	33.99 2.31 0.00	32.24 2.08 0.00	30.19 1.95 0.00	27.01 1.79 0.00	24.72 1.83 0.00	22.30 1.30 0.00
EAST___DELAWARE_HYD 23607	22.12 1.01 0.00	20.86 0.84 0.00	18.84 0.73 0.00	18.04 0.69 0.00	18.54 0.71 0.00	19.89 0.73 0.00	21.42 0.84 0.00	23.33 1.17 0.00	24.63 1.13 0.00	25.66 1.15 0.00	25.33 0.25 -0.01	26.99 0.37 -0.05	28.08 0.39 -0.05	29.28 0.43 0.00	30.39 0.74 0.00	30.17 0.71 0.00	32.48 0.85 0.00	34.12 0.83 0.00	32.44 0.76 0.00	30.88 0.72 0.00	28.90 0.65 0.00	25.90 0.68 0.00	24.13 1.24 0.00	21.92 0.92 0.00
EIGHT_POINT___WT_PWR 323820	22.16 1.05 0.00	20.64 0.62 0.00	18.65 0.54 0.00	17.83 0.49 0.00	18.32 0.50 0.00	19.68 0.52 0.00	21.20 0.62 0.00	22.75 0.60 0.00	24.23 0.73 0.00	25.37 0.86 0.00	26.20 1.13 0.00	27.66 1.09 0.00	28.67 1.02 0.00	30.00 1.16 0.00	30.68 1.04 0.00	30.88 1.41 0.00	32.58 0.95 0.00	34.15 0.86 0.00	32.60 0.92 0.00	31.09 0.94 0.00	29.15 0.90 0.00	26.15 0.93 0.00	23.60 0.71 0.00	21.92 0.92 0.00
ELBRIDGE_115KV_TB2 80188	21.26 0.15 0.00	20.06 0.04 0.00	18.13 0.02 0.00	17.36 0.02 0.00	17.84 0.02 0.00	19.18 0.02 0.00	20.62 0.04 0.00	22.16 0.00 0.00	23.53 0.02 0.00	24.56 0.05 0.00	25.19 0.13 0.00	26.68 0.11 0.00	27.73 0.08 0.00	28.94 0.09 0.00	29.74 0.09 0.00	29.64 0.18 0.00	31.66 0.03 0.00	33.29 0.00 0.00	31.71 0.03 0.00	30.22 0.06 0.00	28.30 0.06 0.00	25.27 0.05 0.00	22.91 0.02 0.00	21.15 0.15 0.00
ELEC_TRO_TEK 24086	35.77 1.69 -12.97	29.72 1.50 -8.20	27.18 1.38 -7.69	23.80 1.32 -5.14	24.42 1.34 -5.26	27.13 1.46 -6.51	26.80 1.63 -4.60	30.60 2.17 -6.27	33.51 2.21 -7.79	34.84 2.30 -8.03	37.26 2.18 -10.01	36.20 2.39 -7.24	45.58 2.52 -15.42	43.57 2.63 -12.09	45.04 2.67 -12.73	45.36 2.53 -13.36	45.08 2.85 -10.60	44.32 2.90 -8.14	43.90 2.69 -9.53	41.65 2.47 -9.02	41.07 2.34 -10.48	36.38 2.14 -9.02	32.97 2.15 -7.92	31.71 1.68 -9.03
ELLENBURG_WT_PWR 323604	20.26 -0.84 0.00	19.34 -0.68 0.00	17.48 -0.63 0.00	16.79 -0.56 0.00	17.34 -0.48 0.00	18.66 -0.50 0.00	20.03 -0.55 0.00	21.29 -0.86 0.00	22.80 -0.70 0.00	24.00 -0.52 0.00	24.49 -0.58 0.00	25.88 -0.69 0.00	26.90 -0.75 0.00	27.72 -1.13 0.00	28.61 -1.04 0.00	28.67 -0.79 0.00	31.31 -0.32 0.00	32.99 -0.30 0.00	31.46 -0.22 0.00	29.95 -0.21 0.00	27.94 -0.31 0.00	24.79 -0.43 0.00	22.39 -0.50 0.00	20.45 -0.55 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	21.97 0.87 0.00	20.46 0.44 0.00	18.38 0.27 0.00	17.66 0.31 0.00	18.14 0.32 0.00	19.45 0.29 0.00	20.83 0.25 0.00	22.24 0.09 0.00	23.69 0.19 0.00	24.81 0.29 0.00	25.67 0.60 0.00	27.08 0.50 0.00	27.89 0.25 0.00	29.14 0.29 0.00	29.94 0.30 0.00	30.32 0.85 0.00	31.76 0.13 0.00	33.22 -0.07 0.00	31.65 -0.03 0.00	30.25 0.09 0.00	28.42 0.17 0.00	25.57 0.35 0.00	23.10 0.21 0.00	21.67 0.67 0.00
EMPIRE_CC_1 323656	21.70 0.59 0.00	20.64 0.62 0.00	18.69 0.58 0.00	17.90 0.55 0.00	18.38 0.55 0.00	19.77 0.61 0.00	21.18 0.60 0.00	22.93 0.78 0.00	24.30 0.80 0.00	25.22 0.71 0.00	25.69 0.65 0.03	27.15 0.77 0.20	28.28 0.86 0.22	29.77 0.92 0.00	30.66 1.01 0.00	30.41 0.94 0.00	32.67 1.04 0.00	34.42 1.13 0.00	32.72 1.04 0.00	31.15 0.99 0.00	29.18 0.93 0.00	26.05 0.83 0.00	23.69 0.80 0.00	21.59 0.59 0.00
EMPIRE_CC_2 323658	21.70 0.59 0.00	20.64 0.62 0.00	18.69 0.58 0.00	17.90 0.55 0.00	18.38 0.55 0.00	19.77 0.61 0.00	21.18 0.60 0.00	22.93 0.78 0.00	24.30 0.80 0.00	25.22 0.71 0.00	25.69 0.65 0.03	27.15 0.77 0.20	28.28 0.86 0.22	29.77 0.92 0.00	30.66 1.01 0.00	30.41 0.94 0.00	32.67 1.04 0.00	34.42 1.13 0.00	32.72 1.04 0.00	31.15 0.99 0.00	29.18 0.93 0.00	26.05 0.83 0.00	23.69 0.80 0.00	21.59 0.59 0.00
ENORWICH_115KV_TB1 80156	22.71 1.60 0.00	21.38 1.36 0.00	19.21 1.10 0.00	18.40 1.06 0.00	18.91 1.09 0.00	20.48 1.32 0.00	22.14 1.56 0.00	23.93 1.77 0.00	25.34 1.83 0.00	26.38 1.86 0.00	27.20 2.13 0.00	28.83 2.26 0.00	29.94 2.29 0.00	31.27 2.42 0.00	32.02 2.37 0.00	31.76 2.30 0.00	33.81 2.18 0.00	35.82 2.53 0.00	34.37 2.69 0.00	32.81 2.65 0.00	30.76 2.51 0.00	27.36 2.14 0.00	24.59 1.69 0.00	22.55 1.55 0.00

ERIE_ST__34_KV_TB1-2 80199	22.27 1.16 0.00	20.72 0.70 0.00	18.60 0.49 0.00	17.87 0.52 0.00	18.34 0.52 0.00	19.66 0.50 0.00	21.07 0.49 0.00	22.58 0.42 0.00	24.04 0.54 0.00	25.20 0.69 0.00	26.12 1.05 0.00	27.56 0.98 0.00	28.42 0.77 0.00	29.69 0.84 0.00	30.54 0.89 0.00	30.97 1.50 0.00	32.39 0.76 0.00	33.85 0.57 0.00	32.25 0.57 0.00	30.76 0.60 0.00	28.90 0.65 0.00	26.00 0.78 0.00	23.42 0.53 0.00	21.94 0.94 0.00
ERIE_WT_PWR 323693	22.12 1.01 0.00	20.58 0.56 0.00	18.62 0.51 0.00	17.76 0.42 0.00	18.23 0.41 0.00	19.56 0.40 0.00	20.95 0.37 0.00	22.40 0.24 0.00	23.86 0.35 0.00	24.98 0.46 0.00	25.87 0.80 0.00	27.29 0.72 0.00	28.17 0.52 0.00	29.46 0.61 0.00	30.12 0.47 0.00	30.44 0.97 0.00	31.91 0.28 0.00	33.45 0.17 0.00	31.90 0.22 0.00	30.46 0.30 0.00	28.64 0.40 0.00	25.77 0.55 0.00	23.28 0.39 0.00	21.82 0.82 0.00
ESPRGFLD_115KV_TB1 80157	22.25 1.14 0.00	21.02 1.00 0.00	18.94 0.83 0.00	18.14 0.80 0.00	18.63 0.80 0.00	20.12 0.96 0.00	21.69 1.11 0.00	23.51 1.35 0.00	24.98 1.48 0.00	26.03 1.52 0.00	26.64 1.58 0.01	28.22 1.70 0.05	29.24 1.66 0.06	30.55 1.70 0.00	31.40 1.75 0.00	31.14 1.68 0.00	33.37 1.74 0.00	35.22 1.93 0.00	33.64 1.96 0.00	32.03 1.87 0.00	30.00 1.75 0.00	26.86 1.64 0.00	24.26 1.37 0.00	22.15 1.15 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	21.78 0.68 0.00	20.52 0.50 0.00	18.51 0.40 0.00	17.75 0.40 0.00	18.23 0.41 0.00	19.62 0.46 0.00	21.14 0.56 0.00	22.75 0.60 0.00	24.14 0.63 0.00	25.17 0.66 0.00	25.82 0.75 0.00	27.34 0.77 0.00	28.42 0.77 0.00	29.69 0.84 0.00	30.51 0.86 0.00	30.41 0.94 0.00	32.48 0.85 0.00	34.22 0.93 0.00	32.66 0.98 0.00	31.12 0.97 0.00	29.15 0.90 0.00	26.03 0.81 0.00	23.53 0.64 0.00	21.67 0.67 0.00
ETNA____115KV_TB2 80207	21.78 0.68 0.00	20.52 0.50 0.00	18.51 0.40 0.00	17.75 0.40 0.00	18.23 0.41 0.00	19.62 0.46 0.00	21.14 0.56 0.00	22.75 0.60 0.00	24.14 0.63 0.00	25.17 0.66 0.00	25.82 0.75 0.00	27.34 0.77 0.00	28.42 0.77 0.00	29.69 0.84 0.00	30.51 0.86 0.00	30.41 0.94 0.00	32.48 0.85 0.00	34.22 0.93 0.00	32.66 0.98 0.00	31.12 0.97 0.00	29.15 0.90 0.00	26.03 0.81 0.00	23.53 0.64 0.00	21.67 0.67 0.00
EUCLID____115KV_TB2 356179	21.05 -0.06 0.00	19.86 -0.16 0.00	17.95 -0.16 0.00	17.21 -0.14 0.00	17.68 -0.14 0.00	19.00 -0.15 0.00	20.44 -0.14 0.00	21.96 -0.20 0.00	23.31 -0.19 0.00	24.34 -0.17 0.00	24.99 -0.08 0.00	26.41 -0.16 0.00	27.45 -0.19 0.00	28.65 -0.20 0.00	29.47 -0.18 0.00	29.32 -0.15 0.00	31.34 -0.28 0.00	32.95 -0.33 0.00	31.36 -0.32 0.00	29.86 -0.30 0.00	27.96 -0.28 0.00	24.99 -0.23 0.00	22.69 -0.21 0.00	20.94 -0.06 0.00
E_CANADA_CAP_HY 24051	22.42 1.31 0.00	21.20 1.18 0.00	19.12 1.01 0.00	18.32 0.97 0.00	18.80 0.98 0.00	20.31 1.15 0.00	21.90 1.32 0.00	23.73 1.57 0.00	25.22 1.71 0.00	26.20 1.69 0.00	26.76 1.71 0.01	28.31 1.81 0.07	29.30 1.74 0.08	30.58 1.73 0.00	31.52 1.87 0.00	31.26 1.80 0.00	33.53 1.90 0.00	35.42 2.13 0.00	33.83 2.16 0.00	32.24 2.08 0.00	30.22 1.98 0.00	27.19 1.97 0.00	24.52 1.63 0.00	22.36 1.36 0.00
E_CANADA_MHWK_HY 24050	21.49 0.38 0.00	20.38 0.36 0.00	18.42 0.31 0.00	17.64 0.29 0.00	18.15 0.32 0.00	19.50 0.35 0.00	20.95 0.37 0.00	22.55 0.40 0.00	23.95 0.45 0.00	24.90 0.39 0.00	25.67 0.60 0.00	27.21 0.64 0.00	28.28 0.64 0.00	29.54 0.69 0.00	30.12 0.47 0.00	29.88 0.41 0.00	32.07 0.44 0.00	33.79 0.50 0.00	32.22 0.54 0.00	30.67 0.51 0.00	28.67 0.42 0.00	25.62 0.40 0.00	23.21 0.32 0.00	21.23 0.23 0.00
E_FISHKILL____LBMP 23776	22.25 1.14 0.00	21.02 1.00 0.00	19.03 0.92 0.00	18.23 0.88 0.00	18.72 0.89 0.00	20.14 0.98 0.00	21.67 1.09 0.00	23.68 1.53 0.00	25.05 1.55 0.00	26.08 1.57 0.00	26.56 1.48 -0.02	28.32 1.65 -0.10	29.50 1.74 -0.12	30.70 1.85 0.00	31.54 1.90 0.00	31.23 1.77 0.00	33.65 2.02 0.00	35.35 2.06 0.00	33.58 1.90 0.00	31.91 1.75 0.00	29.89 1.64 0.00	26.71 1.49 0.00	24.38 1.49 0.00	22.11 1.11 0.00
FALCON____SEABRD_CC1 323796	20.48 -0.63 0.00	19.52 -0.50 0.00	17.64 -0.47 0.00	16.93 -0.42 0.00	17.50 -0.32 0.00	18.81 -0.34 0.00	20.23 -0.35 0.00	21.38 -0.78 0.00	22.89 -0.61 0.00	24.12 -0.39 0.00	24.59 -0.48 0.00	25.99 -0.58 0.00	26.98 -0.66 0.00	27.84 -1.01 0.00	28.73 -0.92 0.00	28.76 -0.71 0.00	31.63 0.00 0.00	33.35 0.07 0.00	31.81 0.13 0.00	30.25 0.09 0.00	28.22 -0.03 0.00	25.04 -0.18 0.00	22.59 -0.30 0.00	20.64 -0.36 0.00
FALCON____SEABRD_CC2 323797	20.48 -0.63 0.00	19.52 -0.50 0.00	17.64 -0.47 0.00	16.93 -0.42 0.00	17.50 -0.32 0.00	18.81 -0.34 0.00	20.23 -0.35 0.00	21.38 -0.78 0.00	22.89 -0.61 0.00	24.12 -0.39 0.00	24.59 -0.48 0.00	25.99 -0.58 0.00	26.98 -0.66 0.00	27.84 -1.01 0.00	28.73 -0.92 0.00	28.76 -0.71 0.00	31.63 0.00 0.00	33.35 0.07 0.00	31.81 0.13 0.00	30.25 0.09 0.00	28.22 -0.03 0.00	25.04 -0.18 0.00	22.59 -0.30 0.00	20.64 -0.36 0.00
FAR ROCKAWAY____4 23548	36.19 2.11 -12.97	30.08 1.86 -8.20	27.49 1.68 -7.69	24.08 1.60 -5.14	24.72 1.64 -5.26	27.43 1.76 -6.51	27.13 1.96 -4.60	30.93 2.50 -6.27	33.88 2.59 -7.79	35.14 2.60 -8.03	37.63 2.56 -10.01	36.63 2.82 -7.24	46.02 2.96 -15.42	44.09 3.14 -12.09	45.55 3.17 -12.73	45.86 3.03 -13.36	45.62 3.38 -10.60	44.86 3.43 -8.14	44.41 3.20 -9.53	42.13 2.96 -9.02	41.55 2.82 -10.48	36.76 2.52 -9.02	33.33 2.52 -7.92	31.98 1.95 -9.03
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	22.54 1.44 0.00	21.26 1.24 0.00	19.25 1.14 0.00	18.42 1.08 0.00	18.93 1.11 0.00	20.36 1.21 0.00	21.98 1.40 0.00	24.15 1.99 0.00	25.57 2.07 0.00	26.69 2.18 0.00	27.14 2.06 -0.02	28.93 2.26 -0.10	30.13 2.38 -0.11	31.33 2.48 0.00	32.11 2.46 0.00	31.79 2.33 0.00	34.29 2.66 0.00	35.95 2.66 0.00	34.09 2.41 0.00	32.36 2.20 0.00	30.34 2.09 0.00	27.11 1.89 0.00	24.81 1.92 0.00	22.41 1.41 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	22.56 1.46 0.00	21.26 1.24 0.00	19.25 1.14 0.00	18.42 1.08 0.00	18.95 1.12 0.00	20.36 1.21 0.00	21.98 1.40 0.00	24.15 1.99 0.00	25.57 2.07 0.00	26.69 2.18 0.00	27.14 2.06 -0.02	28.93 2.26 -0.10	30.13 2.38 -0.11	31.33 2.48 0.00	32.11 2.46 0.00	31.79 2.33 0.00	34.29 2.66 0.00	35.95 2.66 0.00	34.09 2.41 0.00	32.36 2.20 0.00	30.34 2.09 0.00	27.14 1.92 0.00	24.81 1.92 0.00	22.41 1.41 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	22.54 1.44 0.00	21.26 1.24 0.00	19.23 1.12 0.00	18.42 1.08 0.00	18.93 1.11 0.00	20.36 1.21 0.00	21.96 1.38 0.00	24.13 1.97 0.00	25.55 2.04 0.00	26.67 2.16 0.00	27.11 2.03 -0.02	28.90 2.23 -0.10	30.11 2.35 -0.11	31.30 2.45 0.00	32.08 2.43 0.00	31.76 2.30 0.00	34.25 2.63 0.00	35.92 2.63 0.00	34.05 2.38 0.00	32.33 2.17 0.00	30.31 2.06 0.00	27.11 1.89 0.00	24.79 1.90 0.00	22.39 1.39 0.00

FARRAGUT___LBMP 323566	22.52 1.41 0.00	21.24 1.22 0.00	19.23 1.12 0.00	18.40 1.06 0.00	18.91 1.09 0.00	20.35 1.19 0.00	21.94 1.36 0.00	24.10 1.95 0.00	25.52 2.02 0.00	26.64 2.13 0.00	27.09 2.01 -0.02	28.88 2.21 -0.10	30.08 2.32 -0.11	31.27 2.42 0.00	32.05 2.40 0.00	31.73 2.27 0.00	34.22 2.59 0.00	35.88 2.60 0.00	34.02 2.34 0.00	32.30 2.14 0.00	30.28 2.03 0.00	27.09 1.87 0.00	24.77 1.88 0.00	22.36 1.36 0.00
FENNER___WINDPWR 24204	21.59 0.49 0.00	20.40 0.38 0.00	18.40 0.29 0.00	17.61 0.26 0.00	18.11 0.28 0.00	19.48 0.33 0.00	20.99 0.41 0.00	22.64 0.49 0.00	24.02 0.52 0.00	25.08 0.56 0.00	25.77 0.70 0.00	27.32 0.74 0.00	28.39 0.75 0.00	29.66 0.81 0.00	30.36 0.71 0.00	30.14 0.68 0.00	32.32 0.69 0.00	34.05 0.77 0.00	32.47 0.79 0.00	30.94 0.78 0.00	28.98 0.73 0.00	25.85 0.63 0.00	23.39 0.50 0.00	21.48 0.48 0.00
FIBERTEK___ENERGY 23856	21.28 0.17 0.00	20.08 0.06 0.00	18.15 0.04 0.00	17.38 0.03 0.00	17.86 0.04 0.00	19.20 0.04 0.00	20.66 0.08 0.00	22.22 0.07 0.00	23.60 0.09 0.00	24.63 0.12 0.00	25.32 0.25 0.00	26.79 0.21 0.00	27.84 0.19 0.00	29.05 0.20 0.00	29.88 0.24 0.00	29.73 0.27 0.00	31.76 0.13 0.00	33.39 0.10 0.00	31.77 0.10 0.00	30.25 0.09 0.00	28.33 0.08 0.00	25.30 0.08 0.00	22.96 0.07 0.00	21.17 0.17 0.00
FITZPATRICK____ 23598	20.69 -0.42 0.00	19.56 -0.46 0.00	17.69 -0.42 0.00	16.95 -0.40 0.00	17.41 -0.41 0.00	18.72 -0.44 0.00	20.11 -0.47 0.00	21.58 -0.58 0.00	22.89 -0.61 0.00	23.87 -0.64 0.00	24.49 -0.58 0.00	25.91 -0.66 0.00	26.95 -0.69 0.00	28.13 -0.72 0.00	28.88 -0.77 0.00	28.73 -0.74 0.00	30.78 -0.85 0.00	32.36 -0.93 0.00	30.82 -0.85 0.00	29.34 -0.81 0.00	27.49 -0.76 0.00	24.56 -0.66 0.00	22.30 -0.60 0.00	20.58 -0.42 0.00
FLOWRFLD_69_KV_BK1 356044	37.47 2.41 -13.96	30.42 2.20 -8.20	27.82 2.01 -7.70	24.36 1.87 -5.14	25.01 1.92 -5.26	27.76 2.09 -6.51	27.51 2.33 -4.60	31.44 3.01 -6.27	34.46 3.15 -7.81	40.95 3.28 -13.15	41.37 2.96 -13.34	42.28 3.22 -12.49	47.94 3.32 -16.98	48.72 3.40 -16.46	60.67 3.47 -27.55	53.97 3.39 -21.12	60.44 3.76 -25.04	75.30 3.89 -38.12	58.09 3.64 -22.77	45.86 3.41 -12.29	49.17 3.22 -17.70	46.51 2.95 -18.34	41.14 3.00 -15.25	33.64 2.48 -10.16
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	22.52 1.41 0.00	21.24 1.22 0.00	19.21 1.10 0.00	18.40 1.06 0.00	18.89 1.07 0.00	20.27 1.11 0.00	21.84 1.26 0.00	23.82 1.66 0.00	25.15 1.65 0.00	26.18 1.67 0.00	26.66 1.58 -0.01	28.48 1.83 -0.08	29.64 1.91 -0.09	30.87 2.02 0.00	31.75 2.10 0.00	31.41 1.94 0.00	33.84 2.21 0.00	35.58 2.30 0.00	33.80 2.12 0.00	32.18 2.02 0.00	30.11 1.86 0.00	26.96 1.74 0.00	24.59 1.69 0.00	22.30 1.30 0.00
FORT ORANGE____ 23900	21.78 0.68 0.00	20.62 0.60 0.00	18.64 0.53 0.00	17.87 0.52 0.00	18.36 0.53 0.00	19.71 0.56 0.00	21.18 0.60 0.00	22.98 0.82 0.00	24.35 0.84 0.00	25.27 0.76 0.00	25.80 0.75 0.02	27.35 0.88 0.10	28.52 0.99 0.12	29.89 1.04 0.00	30.77 1.13 0.00	30.49 1.03 0.00	32.77 1.14 0.00	34.55 1.26 0.00	32.85 1.17 0.00	31.27 1.12 0.00	29.29 1.05 0.00	26.15 0.93 0.00	23.76 0.87 0.00	21.63 0.63 0.00
FORT_DRUM_COGEN 23780	21.07 -0.04 0.00	19.94 -0.08 0.00	17.97 -0.14 0.00	17.19 -0.16 0.00	17.68 -0.14 0.00	19.04 -0.11 0.00	20.50 -0.08 0.00	22.07 -0.09 0.00	23.38 -0.12 0.00	24.39 -0.12 0.00	25.02 -0.05 0.00	26.55 -0.03 0.00	27.56 -0.08 0.00	28.71 -0.14 0.00	29.50 -0.15 0.00	29.08 -0.38 0.00	31.28 -0.35 0.00	33.22 -0.07 0.00	31.87 0.19 0.00	30.49 0.33 0.00	28.64 0.40 0.00	25.42 0.20 0.00	22.87 -0.02 0.00	21.06 0.06 0.00
FPL_FAR_ROCK_GT1 24212	36.19 2.11 -12.98	30.08 1.86 -8.20	27.47 1.67 -7.69	24.08 1.59 -5.14	24.72 1.64 -5.26	27.43 1.76 -6.51	27.14 1.96 -4.60	30.93 2.50 -6.27	33.88 2.59 -7.79	35.14 2.60 -8.03	37.63 2.56 -10.01	36.63 2.82 -7.24	46.02 2.96 -15.42	44.03 3.09 -12.09	45.52 3.14 -12.73	45.89 3.06 -13.36	45.62 3.39 -10.60	44.89 3.46 -8.14	44.41 3.20 -9.53	42.14 2.96 -9.02	41.52 2.80 -10.48	36.76 2.52 -9.02	33.33 2.52 -7.92	31.98 1.95 -9.03
FPL_FAR_ROCK_GT2 23815	36.19 2.11 -12.98	30.08 1.86 -8.20	27.47 1.67 -7.69	24.08 1.59 -5.14	24.72 1.64 -5.26	27.43 1.76 -6.51	27.14 1.96 -4.60	30.93 2.50 -6.27	33.88 2.59 -7.79	35.14 2.60 -8.03	37.63 2.56 -10.01	36.63 2.82 -7.24	46.02 2.96 -15.42	44.03 3.09 -12.09	45.52 3.14 -12.73	45.89 3.06 -13.36	45.62 3.39 -10.60	44.89 3.46 -8.14	44.41 3.20 -9.53	42.14 2.96 -9.02	41.52 2.80 -10.48	36.76 2.52 -9.02	33.33 2.52 -7.92	31.98 1.95 -9.03
FRANKLIN_FALL_HYD 24054	20.29 -0.82 0.00	19.36 -0.66 0.00	17.49 -0.62 0.00	16.77 -0.57 0.00	17.32 -0.50 0.00	18.62 -0.54 0.00	20.00 -0.58 0.00	21.36 -0.80 0.00	22.84 -0.66 0.00	24.00 -0.51 0.00	24.54 -0.53 0.00	25.96 -0.61 0.00	26.95 -0.69 0.00	27.84 -1.01 0.00	28.64 -1.01 0.00	28.61 -0.85 0.00	31.15 -0.47 0.00	32.85 -0.43 0.00	31.33 -0.35 0.00	29.83 -0.33 0.00	27.82 -0.42 0.00	24.69 -0.53 0.00	22.27 -0.62 0.00	20.37 -0.63 0.00
FREEPORT_EQUS_GT1 23764	36.00 1.92 -12.97	29.92 1.70 -8.20	27.34 1.54 -7.69	23.98 1.49 -5.14	24.61 1.53 -5.26	27.32 1.65 -6.51	27.03 1.85 -4.60	30.82 2.39 -6.27	33.76 2.47 -7.79	35.11 2.57 -8.03	37.53 2.46 -10.01	36.52 2.71 -7.24	45.88 2.82 -15.42	43.89 2.94 -12.09	45.40 3.03 -12.73	45.74 2.92 -13.36	45.49 3.26 -10.60	44.76 3.33 -8.14	44.28 3.07 -9.53	42.05 2.87 -9.02	41.44 2.71 -10.48	36.68 2.45 -9.02	33.24 2.43 -7.92	31.94 1.91 -9.03
FREEPORT___CT2 23818	36.00 1.92 -12.97	29.92 1.70 -8.20	27.34 1.54 -7.69	23.98 1.49 -5.14	24.61 1.53 -5.26	27.32 1.65 -6.51	27.03 1.85 -4.60	30.82 2.39 -6.27	33.76 2.47 -7.79	35.11 2.57 -8.03	37.53 2.46 -10.01	36.52 2.71 -7.24	45.88 2.82 -15.42	43.89 2.94 -12.09	45.40 3.03 -12.73	45.74 2.92 -13.36	45.49 3.26 -10.60	44.76 3.33 -8.14	44.28 3.07 -9.53	42.05 2.87 -9.02	41.44 2.71 -10.48	36.68 2.45 -9.02	33.24 2.43 -7.92	31.94 1.91 -9.03
FRESHKLS_33_KV_LOAD 356253	22.76 1.65 -0.01	21.46 1.44 0.00	19.41 1.30 0.00	18.56 1.21 0.00	19.09 1.27 0.00	20.44 1.28 0.00	21.94 1.36 0.00	24.16 1.99 -0.01	25.54 2.04 0.01	26.79 2.23 -0.05	27.13 2.06 -0.01	29.03 2.31 -0.14	30.19 2.43 -0.11	31.41 2.57 0.01	32.22 2.58 0.01	31.98 2.47 -0.05	34.44 2.81 0.01	36.04 2.76 0.01	34.24 2.57 0.01	32.44 2.29 0.01	30.39 2.15 0.01	27.21 1.99 0.00	24.95 2.04 -0.02	22.60 1.60 0.00
FULTON COGEN____ 23766	20.96 -0.15 0.00	19.80 -0.22 0.00	17.89 -0.22 0.00	17.14 -0.21 0.00	17.61 -0.21 0.00	18.93 -0.23 0.00	20.35 -0.23 0.00	21.87 -0.29 0.00	23.20 -0.31 0.00	24.22 -0.29 0.00	24.84 -0.23 0.00	26.31 -0.27 0.00	27.34 -0.30 0.00	28.56 -0.29 0.00	29.35 -0.30 0.00	29.20 -0.27 0.00	31.22 -0.41 0.00	32.85 -0.43 0.00	31.27 -0.41 0.00	29.80 -0.36 0.00	27.91 -0.34 0.00	24.92 -0.30 0.00	22.59 -0.30 0.00	20.87 -0.13 0.00



FULTON___LFGE 323630	22.94 1.84 0.00	21.68 1.66 0.00	19.54 1.43 0.00	18.72 1.37 0.00	19.22 1.39 0.00	20.79 1.63 0.00	22.41 1.83 0.00	24.33 2.17 0.00	25.90 2.40 0.00	26.84 2.33 0.00	28.01 2.96 0.01	29.57 3.08 0.08	30.81 3.26 0.09	32.14 3.29 0.00	32.55 2.91 0.00	32.29 2.83 0.00	34.57 2.94 0.00	36.62 3.33 0.00	34.94 3.26 0.00	33.23 3.08 0.00	31.13 2.88 0.00	27.84 2.62 0.00	25.07 2.18 0.00	22.89 1.89 0.00
G.F.CEMENT___DRP 24184	22.40 1.29 0.00	21.14 1.12 0.00	19.09 0.98 0.00	18.28 0.94 0.00	18.75 0.93 0.00	20.25 1.09 0.00	21.75 1.17 0.00	23.60 1.44 0.00	25.12 1.62 0.00	26.08 1.57 0.00	26.50 1.45 0.02	27.94 1.49 0.12	29.22 1.71 0.14	30.70 1.85 0.00	31.60 1.96 0.00	31.20 1.74 0.00	33.46 1.83 0.00	35.32 2.03 0.00	33.83 2.15 0.00	32.21 2.05 0.00	30.22 1.98 0.00	27.04 1.82 0.00	24.56 1.67 0.00	22.32 1.32 0.00
GARDENVILLE___LBMP 24039	22.04 0.93 0.00	20.52 0.50 0.00	18.42 0.31 0.00	17.71 0.36 0.00	18.18 0.36 0.00	19.48 0.33 0.00	20.87 0.29 0.00	22.33 0.18 0.00	23.76 0.26 0.00	24.90 0.39 0.00	25.74 0.68 0.00	27.16 0.58 0.00	28.00 0.36 0.00	29.25 0.40 0.00	30.06 0.42 0.00	30.47 1.00 0.00	31.88 0.25 0.00	33.35 0.07 0.00	31.77 0.10 0.00	30.37 0.21 0.00	28.53 0.28 0.00	25.67 0.45 0.00	23.19 0.30 0.00	21.73 0.73 0.00
GARDNVLA_35_KV_LD 355827	22.14 1.03 0.00	20.62 0.60 0.00	18.51 0.40 0.00	17.78 0.43 0.00	18.27 0.45 0.00	19.58 0.42 0.00	20.97 0.39 0.00	22.44 0.29 0.00	23.90 0.40 0.00	25.03 0.51 0.00	25.92 0.85 0.00	27.34 0.77 0.00	28.20 0.55 0.00	29.43 0.58 0.00	30.24 0.59 0.00	30.67 1.21 0.00	32.07 0.44 0.00	33.55 0.27 0.00	31.96 0.29 0.00	30.55 0.39 0.00	28.70 0.45 0.00	25.82 0.61 0.00	23.30 0.41 0.00	21.84 0.84 0.00
GELCKHM___115KV_LOAD 80723	21.13 0.02 0.00	19.94 -0.08 0.00	18.02 -0.09 0.00	17.26 -0.09 0.00	17.73 -0.09 0.00	19.06 -0.10 0.00	20.52 -0.06 0.00	22.04 -0.11 0.00	23.41 -0.09 0.00	24.44 -0.07 0.00	25.09 0.03 0.00	26.55 -0.03 0.00	27.59 -0.06 0.00	28.79 -0.06 0.00	29.62 -0.03 0.00	29.46 0.00 0.00	31.50 -0.13 0.00	33.12 -0.17 0.00	31.52 -0.16 0.00	30.01 -0.15 0.00	28.11 -0.14 0.00	25.12 -0.10 0.00	22.78 -0.11 0.00	21.02 0.02 0.00
GENERAL___MILLS 23808	22.10 0.99 0.00	20.58 0.56 0.00	18.47 0.36 0.00	17.75 0.40 0.00	18.23 0.41 0.00	19.54 0.38 0.00	20.93 0.35 0.00	22.38 0.22 0.00	23.83 0.33 0.00	24.98 0.47 0.00	25.84 0.78 0.00	27.26 0.69 0.00	28.11 0.47 0.00	29.34 0.49 0.00	30.15 0.50 0.00	30.55 1.09 0.00	31.98 0.35 0.00	33.45 0.17 0.00	31.87 0.19 0.00	30.46 0.30 0.00	28.61 0.37 0.00	25.77 0.55 0.00	23.23 0.34 0.00	21.80 0.80 0.00
GE_PLASTICS___DRP 24183	21.76 0.65 0.00	20.60 0.58 0.00	18.64 0.53 0.00	17.87 0.52 0.00	18.34 0.52 0.00	19.71 0.56 0.00	21.18 0.60 0.00	22.95 0.80 0.00	24.32 0.82 0.00	25.30 0.78 0.00	25.81 0.75 0.01	27.37 0.88 0.08	28.52 0.97 0.09	29.89 1.04 0.00	30.74 1.10 0.00	30.47 1.00 0.00	32.74 1.11 0.00	34.49 1.20 0.00	32.79 1.11 0.00	31.21 1.06 0.00	29.24 0.99 0.00	26.10 0.88 0.00	23.72 0.82 0.00	21.63 0.63 0.00
GILBOA___1 23756	21.85 0.74 0.00	20.66 0.64 0.00	18.69 0.58 0.00	17.90 0.55 0.00	18.38 0.55 0.00	19.77 0.61 0.00	21.26 0.68 0.00	23.06 0.91 0.00	24.44 0.94 0.00	25.44 0.93 0.00	25.97 0.90 0.00	27.56 0.98 0.00	28.69 1.05 0.00	29.97 1.12 0.00	30.80 1.16 0.00	30.58 1.12 0.00	32.86 1.23 0.00	34.55 1.26 0.00	32.88 1.20 0.00	31.27 1.12 0.00	29.29 1.05 0.00	26.18 0.96 0.00	23.81 0.92 0.00	21.71 0.71 0.00
GILBOA___2 23757	21.85 0.74 0.00	20.66 0.64 0.00	18.69 0.58 0.00	17.90 0.55 0.00	18.38 0.55 0.00	19.77 0.61 0.00	21.26 0.68 0.00	23.06 0.91 0.00	24.44 0.94 0.00	25.44 0.93 0.00	25.97 0.90 0.00	27.56 0.98 0.00	28.69 1.05 0.00	29.97 1.12 0.00	30.80 1.16 0.00	30.58 1.12 0.00	32.86 1.23 0.00	34.55 1.26 0.00	32.88 1.20 0.00	31.27 1.12 0.00	29.29 1.05 0.00	26.18 0.96 0.00	23.81 0.92 0.00	21.71 0.71 0.00
GILBOA___3 23758	21.85 0.74 0.00	20.66 0.64 0.00	18.69 0.58 0.00	17.90 0.55 0.00	18.38 0.55 0.00	19.77 0.61 0.00	21.26 0.68 0.00	23.06 0.91 0.00	24.44 0.94 0.00	25.44 0.93 0.00	25.97 0.90 0.00	27.56 0.98 0.00	28.69 1.05 0.00	29.97 1.12 0.00	30.80 1.16 0.00	30.58 1.12 0.00	32.86 1.23 0.00	34.55 1.26 0.00	32.88 1.20 0.00	31.27 1.12 0.00	29.29 1.05 0.00	26.18 0.96 0.00	23.81 0.92 0.00	21.71 0.71 0.00
GILBOA___4 23759	21.85 0.74 0.00	20.66 0.64 0.00	18.69 0.58 0.00	17.90 0.55 0.00	18.38 0.55 0.00	19.77 0.61 0.00	21.26 0.68 0.00	23.06 0.91 0.00	24.44 0.94 0.00	25.44 0.93 0.00	25.97 0.90 0.00	27.56 0.98 0.00	28.69 1.05 0.00	29.97 1.12 0.00	30.80 1.16 0.00	30.58 1.12 0.00	32.86 1.23 0.00	34.55 1.26 0.00	32.88 1.20 0.00	31.27 1.12 0.00	29.29 1.05 0.00	26.18 0.96 0.00	23.81 0.92 0.00	21.71 0.71 0.00
GILBOA___ 23599	21.85 0.74 0.00	20.66 0.64 0.00	18.69 0.58 0.00	17.90 0.56 0.00	18.38 0.55 0.00	19.77 0.61 0.00	21.26 0.68 0.00	23.06 0.91 0.00	24.44 0.94 0.00	25.44 0.93 0.00	25.97 0.90 0.00	27.56 0.98 0.00	28.69 1.05 0.00	30.00 1.15 0.00	30.83 1.19 0.00	30.58 1.12 0.00	32.86 1.23 0.00	34.55 1.26 0.00	32.88 1.20 0.00	31.27 1.12 0.00	29.29 1.05 0.00	26.18 0.96 0.00	23.81 0.92 0.00	21.71 0.71 0.00
GINNA___ 23603	20.56 -0.55 0.00	19.28 -0.74 0.00	17.38 -0.72 0.00	16.60 -0.75 0.00	17.06 -0.77 0.00	18.39 -0.77 0.00	19.76 -0.82 0.00	21.23 -0.93 0.00	22.68 -0.82 0.00	23.70 -0.81 0.00	24.44 -0.63 0.00	25.80 -0.77 0.00	26.76 -0.89 0.00	27.95 -0.89 0.00	28.64 -1.01 0.00	28.61 -0.86 0.00	30.36 -1.27 0.00	31.92 -1.37 0.00	30.38 -1.30 0.00	29.04 -1.12 0.00	27.17 -1.07 0.00	24.29 -0.93 0.00	22.00 -0.89 0.00	20.39 -0.61 0.00
GLEN PARK___ 23778	21.21 0.11 0.00	20.06 0.04 0.00	18.07 -0.04 0.00	17.29 -0.05 0.00	17.79 -0.04 0.00	19.18 0.02 0.00	20.64 0.06 0.00	22.20 0.04 0.00	23.53 0.02 0.00	24.54 0.02 0.00	25.19 0.13 0.00	26.73 0.16 0.00	27.75 0.11 0.00	28.94 0.09 0.00	29.62 -0.03 0.00	29.26 -0.20 0.00	31.50 -0.13 0.00	33.45 0.17 0.00	32.12 0.44 0.00	30.76 0.60 0.00	28.90 0.65 0.00	25.65 0.43 0.00	23.05 0.16 0.00	21.21 0.21 0.00
GLENDALE_27_KV_LOAD 356172	22.71 1.60 0.00	21.42 1.40 0.00	19.40 1.29 0.00	18.56 1.21 0.00	19.07 1.25 0.00	20.50 1.34 0.00	22.08 1.50 0.00	24.33 2.17 -0.01	25.71 2.21 0.00	26.90 2.38 -0.01	27.34 2.26 -0.02	29.15 2.47 -0.11	30.36 2.60 -0.12	31.57 2.71 -0.01	32.38 2.73 -0.01	32.07 2.59 -0.01	34.58 2.94 -0.01	36.22 2.93 0.00	34.37 2.69 0.00	32.60 2.44 0.00	30.54 2.29 0.00	27.29 2.07 0.00	25.00 2.11 0.00	22.57 1.57 0.00

GLENWOOD_IC_1_G5 23712	35.77 1.69 -12.97	29.72 1.50 -8.20	27.18 1.38 -7.69	23.78 1.30 -5.14	24.42 1.34 -5.26	27.11 1.44 -6.51	26.81 1.63 -4.60	30.60 2.17 -6.27	33.55 2.26 -7.79	34.89 2.35 -8.03	37.18 2.11 -10.01	36.15 2.34 -7.24	45.52 2.46 -15.42	43.54 2.60 -12.09	44.98 2.61 -12.73	45.33 2.50 -13.36	45.02 2.78 -10.60	44.26 2.83 -8.14	43.81 2.60 -9.53	41.56 2.38 -9.02	40.99 2.26 -10.48	36.28 2.04 -9.02	32.80 1.99 -7.92	31.69 1.66 -9.03
GLENWOOD_IC_2_G1 23688	35.62 1.54 -12.97	29.58 1.36 -8.20	27.02 1.21 -7.69	23.66 1.18 -5.14	24.29 1.21 -5.26	26.97 1.30 -6.51	26.66 1.48 -4.60	30.44 2.02 -6.27	33.36 2.07 -7.79	34.70 2.16 -8.03	37.13 2.06 -10.01	36.07 2.26 -7.24	45.44 2.38 -15.42	43.42 2.48 -12.09	44.92 2.55 -12.73	45.27 2.44 -13.36	44.95 2.72 -10.60	44.19 2.76 -8.14	43.75 2.54 -9.53	41.53 2.35 -9.02	40.93 2.20 -10.48	36.23 1.99 -9.02	32.76 1.94 -7.92	31.54 1.51 -9.03
GLENWOOD_IC_3_G1 23689	35.62 1.54 -12.97	29.58 1.36 -8.20	27.02 1.21 -7.69	23.66 1.18 -5.14	24.29 1.21 -5.26	26.97 1.30 -6.51	26.66 1.48 -4.60	30.44 2.02 -6.27	33.36 2.07 -7.79	34.70 2.16 -8.03	37.13 2.06 -10.01	36.07 2.26 -7.24	45.44 2.38 -15.42	43.42 2.48 -12.09	44.92 2.55 -12.73	45.27 2.44 -13.36	44.95 2.72 -10.60	44.19 2.76 -8.14	43.75 2.54 -9.53	41.53 2.35 -9.02	40.93 2.20 -10.48	36.23 1.99 -9.02	32.76 1.94 -7.92	31.54 1.51 -9.03
GLENWOOD___4 23550	35.77 1.69 -12.97	29.72 1.50 -8.20	27.18 1.38 -7.69	23.78 1.30 -5.14	24.42 1.34 -5.26	27.11 1.44 -6.51	26.81 1.63 -4.60	30.60 2.17 -6.27	33.55 2.26 -7.79	34.89 2.35 -8.03	37.26 2.18 -10.01	36.20 2.39 -7.24	45.58 2.52 -15.42	43.63 2.68 -12.09	45.07 2.70 -12.73	45.39 2.56 -13.36	45.11 2.88 -10.60	44.32 2.90 -8.14	43.90 2.69 -9.53	41.65 2.47 -9.02	41.07 2.34 -10.48	36.33 2.09 -9.02	32.85 2.04 -7.92	31.69 1.66 -9.03
GLENWOOD___5 23614	35.77 1.69 -12.97	29.72 1.50 -8.20	27.18 1.38 -7.69	23.78 1.30 -5.14	24.42 1.34 -5.26	27.11 1.44 -6.51	26.81 1.63 -4.60	30.60 2.17 -6.27	33.55 2.26 -7.79	34.89 2.35 -8.03	37.26 2.18 -10.01	36.20 2.39 -7.24	45.58 2.52 -15.42	43.63 2.68 -12.09	45.07 2.70 -12.73	45.39 2.56 -13.36	45.11 2.88 -10.60	44.32 2.90 -8.14	43.90 2.69 -9.53	41.65 2.47 -9.02	41.07 2.34 -10.48	36.33 2.09 -9.02	32.85 2.04 -7.92	31.69 1.66 -9.03
GLOBAL GREEN_PORT_GT1 23814	38.36 3.55 -13.71	31.42 3.20 -8.20	28.67 2.86 -7.70	25.19 2.70 -5.14	25.86 2.78 -5.26	28.68 3.01 -6.51	28.51 3.33 -4.60	32.59 4.16 -6.27	35.80 4.49 -7.80	41.13 4.73 -11.88	42.32 4.74 -12.51	42.81 5.05 -11.19	49.46 5.23 -16.59	49.74 5.51 -15.38	59.16 5.63 -23.88	54.20 5.54 -19.20	59.11 6.01 -21.46	70.23 6.26 -30.69	57.09 5.92 -19.49	47.22 5.58 -11.48	51.01 5.17 -17.60	45.89 4.64 -16.03	40.60 4.28 -13.43	34.47 3.59 -9.88
GLOBE___DSASP 323697	21.28 0.17 0.00	19.84 -0.18 0.00	17.82 -0.29 0.00	17.12 -0.23 0.00	17.57 -0.25 0.00	18.83 -0.33 0.00	20.15 -0.43 0.00	21.47 -0.69 0.00	22.80 -0.71 0.00	23.90 -0.61 0.00	24.67 -0.40 0.00	26.02 -0.56 0.00	26.81 -0.83 0.00	27.96 -0.89 0.00	28.76 -0.89 0.00	29.11 -0.35 0.00	30.49 -1.14 0.00	31.92 -1.36 0.00	30.44 -1.24 0.00	29.13 -1.03 0.00	27.37 -0.88 0.00	24.66 -0.55 0.00	22.30 -0.60 0.00	20.98 -0.02 0.00
GOETHSLN___LBMP 323567	22.40 1.29 0.00	21.12 1.10 0.00	19.11 1.00 0.00	18.30 0.95 0.00	18.80 0.98 0.00	20.23 1.07 0.00	21.84 1.26 0.00	24.02 1.86 0.00	25.41 1.90 0.00	26.55 2.03 0.00	26.99 1.91 -0.02	28.77 2.10 -0.10	29.97 2.21 -0.11	31.13 2.28 0.00	31.87 2.22 0.00	31.56 2.09 0.00	34.03 2.40 0.00	35.65 2.36 0.00	33.83 2.15 0.00	32.12 1.96 0.00	30.14 1.89 0.00	26.96 1.74 0.00	24.68 1.79 0.00	22.26 1.26 0.00
GOLAH___69_KV_TB 1_2 80279	21.89 0.78 0.00	20.54 0.52 0.00	18.42 0.31 0.00	17.68 0.33 0.00	18.14 0.32 0.00	19.52 0.36 0.00	20.95 0.37 0.00	22.42 0.27 0.00	23.90 0.40 0.00	25.00 0.49 0.00	25.87 0.80 0.00	27.32 0.74 0.00	28.22 0.58 0.00	29.46 0.61 0.00	30.24 0.59 0.00	30.23 0.77 0.00	31.91 0.28 0.00	33.49 0.20 0.00	31.96 0.29 0.00	30.55 0.39 0.00	28.61 0.37 0.00	25.67 0.45 0.00	23.19 0.30 0.00	21.63 0.63 0.00
GOODYEAR_LAKE_HYD 323669	22.08 0.97 0.00	20.86 0.84 0.00	18.80 0.69 0.00	18.01 0.66 0.00	18.50 0.68 0.00	19.94 0.79 0.00	21.49 0.91 0.00	23.31 1.15 0.00	24.72 1.22 0.00	25.79 1.27 0.00	26.42 1.35 0.00	28.06 1.49 0.00	29.14 1.49 0.00	30.41 1.56 0.00	31.19 1.54 0.00	30.94 1.47 0.00	33.18 1.55 0.00	34.92 1.63 0.00	33.33 1.65 0.00	31.70 1.54 0.00	29.72 1.47 0.00	26.53 1.31 0.00	24.04 1.14 0.00	21.97 0.97 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	21.68 0.57 0.00	20.40 0.38 0.00	18.40 0.29 0.00	17.64 0.29 0.00	18.13 0.30 0.00	19.46 0.31 0.00	20.95 0.37 0.00	22.58 0.42 0.00	23.95 0.45 0.00	25.03 0.51 0.00	25.67 0.60 0.00	27.18 0.61 0.00	28.22 0.58 0.00	29.51 0.66 0.00	30.33 0.68 0.00	30.29 0.82 0.00	32.29 0.66 0.00	33.95 0.67 0.00	32.34 0.67 0.00	30.79 0.63 0.00	28.84 0.59 0.00	25.80 0.58 0.00	23.37 0.48 0.00	21.55 0.55 0.00
GOUDEY___7 23579	21.70 0.59 0.00	20.42 0.40 0.00	18.42 0.31 0.00	17.66 0.31 0.00	18.14 0.32 0.00	19.48 0.33 0.00	20.97 0.39 0.00	22.60 0.44 0.00	23.97 0.47 0.00	25.05 0.54 0.00	25.72 0.65 0.00	27.21 0.64 0.00	28.25 0.61 0.00	29.54 0.69 0.00	30.36 0.71 0.00	30.32 0.85 0.00	32.33 0.70 0.00	33.99 0.70 0.00	32.38 0.70 0.00	30.82 0.66 0.00	28.90 0.65 0.00	25.85 0.63 0.00	23.39 0.50 0.00	21.57 0.57 0.00
GOUDEY___8 23580	21.68 0.57 0.00	20.40 0.38 0.00	18.40 0.29 0.00	17.64 0.29 0.00	18.13 0.30 0.00	19.46 0.31 0.00	20.95 0.37 0.00	22.58 0.42 0.00	23.95 0.45 0.00	25.03 0.51 0.00	25.67 0.60 0.00	27.18 0.61 0.00	28.22 0.58 0.00	29.51 0.66 0.00	30.33 0.68 0.00	30.29 0.82 0.00	32.29 0.66 0.00	33.95 0.67 0.00	32.34 0.67 0.00	30.79 0.63 0.00	28.84 0.59 0.00	25.80 0.58 0.00	23.37 0.48 0.00	21.55 0.55 0.00
GOWANUS_GT1_1 24077	22.76 1.65 -0.01	21.44 1.42 0.00	19.40 1.29 0.00	18.56 1.21 0.00	19.09 1.27 0.00	20.46 1.30 0.00	22.02 1.44 0.00	24.27 2.10 -0.01	25.66 2.16 0.00	26.95 2.33 -0.11	27.29 2.21 -0.02	29.23 2.44 -0.21	30.35 2.57 -0.14	31.57 2.71 -0.01	32.35 2.70 -0.01	32.17 2.59 -0.11	34.58 2.94 -0.01	36.18 2.90 0.00	34.34 2.66 0.00	32.57 2.41 0.00	30.48 2.23 0.00	27.26 2.04 0.00	24.99 2.08 -0.02	22.60 1.60 0.00
GOWANUS_GT1_2 24078	22.76 1.65 -0.01	21.44 1.42 0.00	19.40 1.29 0.00	18.56 1.21 0.00	19.09 1.27 0.00	20.46 1.30 0.00	22.02 1.44 0.00	24.27 2.10 -0.01	25.66 2.16 0.00	26.95 2.33 -0.11	27.29 2.21 -0.02	29.23 2.44 -0.21	30.35 2.57 -0.14	31.57 2.71 -0.01	32.35 2.70 -0.01	32.17 2.59 -0.11	34.58 2.94 -0.01	36.18 2.90 0.00	34.34 2.66 0.00	32.57 2.41 0.00	30.48 2.23 0.00	27.26 2.04 0.00	24.99 2.08 -0.02	22.60 1.60 0.00

GOWANUS_GT1_3 24079	22.76 1.65 -0.01	21.44 1.42 0.00	19.40 1.29 0.00	18.56 1.21 0.00	19.09 1.27 0.00	20.46 1.30 0.00	22.02 1.44 0.00	24.27 2.10 -0.01	25.66 2.16 0.00	26.95 2.33 -0.11	27.29 2.21 -0.02	29.23 2.44 -0.21	30.35 2.57 -0.14	31.57 2.71 -0.01	32.35 2.70 -0.01	32.17 2.59 -0.11	34.58 2.94 -0.01	36.18 2.90 0.00	34.34 2.66 0.00	32.57 2.41 0.00	30.48 2.23 0.00	27.26 2.04 0.00	24.99 2.08 -0.02	22.60 1.60 0.00
GOWANUS_GT1_4 24080	22.76 1.65 -0.01	21.44 1.42 0.00	19.40 1.29 0.00	18.56 1.21 0.00	19.09 1.27 0.00	20.46 1.30 0.00	22.02 1.44 0.00	24.27 2.10 -0.01	25.66 2.16 0.00	26.95 2.33 -0.11	27.29 2.21 -0.02	29.23 2.44 -0.21	30.35 2.57 -0.14	31.57 2.71 -0.01	32.35 2.70 -0.01	32.17 2.59 -0.11	34.58 2.94 -0.01	36.18 2.90 0.00	34.34 2.66 0.00	32.57 2.41 0.00	30.48 2.23 0.00	27.26 2.04 0.00	24.99 2.08 -0.02	22.60 1.60 0.00
GOWANUS_GT1_5 24084	22.76 1.65 -0.01	21.44 1.42 0.00	19.40 1.29 0.00	18.56 1.21 0.00	19.09 1.27 0.00	20.46 1.30 0.00	22.02 1.44 0.00	24.27 2.10 -0.01	25.66 2.16 0.00	26.95 2.33 -0.11	27.29 2.21 -0.02	29.23 2.44 -0.21	30.35 2.57 -0.14	31.57 2.71 -0.01	32.35 2.70 -0.01	32.17 2.59 -0.11	34.58 2.94 -0.01	36.18 2.90 0.00	34.34 2.66 0.00	32.57 2.41 0.00	30.48 2.23 0.00	27.26 2.04 0.00	24.99 2.08 -0.02	22.60 1.60 0.00
GOWANUS_GT1_6 24111	22.76 1.65 -0.01	21.44 1.42 0.00	19.40 1.29 0.00	18.56 1.21 0.00	19.09 1.27 0.00	20.46 1.30 0.00	22.02 1.44 0.00	24.27 2.10 -0.01	25.66 2.16 0.00	26.95 2.33 -0.11	27.29 2.21 -0.02	29.23 2.44 -0.21	30.35 2.57 -0.14	31.57 2.71 -0.01	32.35 2.70 -0.01	32.17 2.59 -0.11	34.58 2.94 -0.01	36.18 2.90 0.00	34.34 2.66 0.00	32.57 2.41 0.00	30.48 2.23 0.00	27.26 2.04 0.00	24.99 2.08 -0.02	22.60 1.60 0.00
GOWANUS_GT1_7 24112	22.76 1.65 -0.01	21.44 1.42 0.00	19.40 1.29 0.00	18.56 1.21 0.00	19.09 1.27 0.00	20.46 1.30 0.00	22.02 1.44 0.00	24.27 2.10 -0.01	25.66 2.16 0.00	26.95 2.33 -0.11	27.29 2.21 -0.02	29.23 2.44 -0.21	30.35 2.57 -0.14	31.57 2.71 -0.01	32.35 2.70 -0.01	32.17 2.59 -0.11	34.58 2.94 -0.01	36.18 2.90 0.00	34.34 2.66 0.00	32.57 2.41 0.00	30.48 2.23 0.00	27.26 2.04 0.00	24.99 2.08 -0.02	22.60 1.60 0.00
GOWANUS_GT1_8 24113	22.76 1.65 -0.01	21.44 1.42 0.00	19.40 1.29 0.00	18.56 1.21 0.00	19.09 1.27 0.00	20.46 1.30 0.00	22.02 1.44 0.00	24.27 2.10 -0.01	25.66 2.16 0.00	26.95 2.33 -0.11	27.29 2.21 -0.02	29.23 2.44 -0.21	30.35 2.57 -0.14	31.57 2.71 -0.01	32.35 2.70 -0.01	32.17 2.59 -0.11	34.58 2.94 -0.01	36.18 2.90 0.00	34.34 2.66 0.00	32.57 2.41 0.00	30.48 2.23 0.00	27.26 2.04 0.00	24.99 2.08 -0.02	22.60 1.60 0.00
GOWANUS_GT2_1 24114	22.76 1.65 -0.01	21.44 1.42 0.00	19.38 1.27 0.00	18.56 1.21 0.00	19.09 1.27 0.00	20.46 1.30 0.00	22.02 1.44 0.00	24.27 2.11 -0.01	25.66 2.16 0.00	26.95 2.33 -0.11	27.29 2.21 -0.02	29.23 2.44 -0.21	30.35 2.57 -0.14	31.51 2.65 -0.01	32.38 2.73 -0.01	32.20 2.62 -0.11	34.58 2.94 -0.01	36.22 2.93 0.00	34.34 2.66 0.00	32.57 2.41 0.00	30.48 2.23 0.00	27.26 2.04 0.00	24.99 2.08 -0.02	22.59 1.60 0.00
GOWANUS_GT2_2 24115	22.76 1.65 -0.01	21.44 1.42 0.00	19.38 1.27 0.00	18.56 1.21 0.00	19.09 1.27 0.00	20.46 1.30 0.00	22.02 1.44 0.00	24.27 2.11 -0.01	25.66 2.16 0.00	26.95 2.33 -0.11	27.29 2.21 -0.02	29.23 2.44 -0.21	30.35 2.57 -0.14	31.51 2.65 -0.01	32.38 2.73 -0.01	32.20 2.62 -0.11	34.58 2.94 -0.01	36.22 2.93 0.00	34.34 2.66 0.00	32.57 2.41 0.00	30.48 2.23 0.00	27.26 2.04 0.00	24.99 2.08 -0.02	22.59 1.60 0.00
GOWANUS_GT2_3 24116	22.76 1.65 -0.01	21.44 1.42 0.00	19.38 1.27 0.00	18.56 1.21 0.00	19.09 1.27 0.00	20.46 1.30 0.00	22.02 1.44 0.00	24.27 2.11 -0.01	25.66 2.16 0.00	26.95 2.33 -0.11	27.29 2.21 -0.02	29.23 2.44 -0.21	30.35 2.57 -0.14	31.51 2.65 -0.01	32.38 2.73 -0.01	32.20 2.62 -0.11	34.58 2.94 -0.01	36.22 2.93 0.00	34.34 2.66 0.00	32.57 2.41 0.00	30.48 2.23 0.00	27.26 2.04 0.00	24.99 2.08 -0.02	22.59 1.60 0.00
GOWANUS_GT2_4 24117	22.76 1.65 -0.01	21.44 1.42 0.00	19.38 1.27 0.00	18.56 1.21 0.00	19.09 1.27 0.00	20.46 1.30 0.00	22.02 1.44 0.00	24.27 2.11 -0.01	25.66 2.16 0.00	26.95 2.33 -0.11	27.29 2.21 -0.02	29.23 2.44 -0.21	30.35 2.57 -0.14	31.51 2.65 -0.01	32.38 2.73 -0.01	32.20 2.62 -0.11	34.58 2.94 -0.01	36.22 2.93 0.00	34.34 2.66 0.00	32.57 2.41 0.00	30.48 2.23 0.00	27.26 2.04 0.00	24.99 2.08 -0.02	22.59 1.60 0.00
GOWANUS_GT2_5 24118	22.76 1.65 -0.01	21.44 1.42 0.00	19.38 1.27 0.00	18.56 1.21 0.00	19.09 1.27 0.00	20.46 1.30 0.00	22.02 1.44 0.00	24.27 2.11 -0.01	25.66 2.16 0.00	26.95 2.33 -0.11	27.29 2.21 -0.02	29.23 2.44 -0.21	30.35 2.57 -0.14	31.51 2.65 -0.01	32.38 2.73 -0.01	32.20 2.62 -0.11	34.58 2.94 -0.01	36.22 2.93 0.00	34.34 2.66 0.00	32.57 2.41 0.00	30.48 2.23 0.00	27.26 2.04 0.00	24.99 2.08 -0.02	22.59 1.60 0.00
GOWANUS_GT2_6 24119	22.76 1.65 -0.01	21.44 1.42 0.00	19.38 1.27 0.00	18.56 1.21 0.00	19.09 1.27 0.00	20.46 1.30 0.00	22.02 1.44 0.00	24.27 2.11 -0.01	25.66 2.16 0.00	26.95 2.33 -0.11	27.29 2.21 -0.02	29.23 2.44 -0.21	30.35 2.57 -0.14	31.51 2.65 -0.01	32.38 2.73 -0.01	32.20 2.62 -0.11	34.58 2.94 -0.01	36.22 2.93 0.00	34.34 2.66 0.00	32.57 2.41 0.00	30.48 2.23 0.00	27.26 2.04 0.00	24.99 2.08 -0.02	22.59 1.60 0.00
GOWANUS_GT2_7 24120	22.76 1.65 -0.01	21.44 1.42 0.00	19.38 1.27 0.00	18.56 1.21 0.00	19.09 1.27 0.00	20.46 1.30 0.00	22.02 1.44 0.00	24.27 2.11 -0.01	25.66 2.16 0.00	26.95 2.33 -0.11	27.29 2.21 -0.02	29.23 2.44 -0.21	30.35 2.57 -0.14	31.51 2.65 -0.01	32.38 2.73 -0.01	32.20 2.62 -0.11	34.58 2.94 -0.01	36.22 2.93 0.00	34.34 2.66 0.00	32.57 2.41 0.00	30.48 2.23 0.00	27.26 2.04 0.00	24.99 2.08 -0.02	22.59 1.60 0.00
GOWANUS_GT2_8 24121	22.76 1.65 -0.01	21.44 1.42 0.00	19.38 1.27 0.00	18.56 1.21 0.00	19.09 1.27 0.00	20.46 1.30 0.00	22.02 1.44 0.00	24.27 2.11 -0.01	25.66 2.16 0.00	26.95 2.33 -0.11	27.29 2.21 -0.02	29.23 2.44 -0.21	30.35 2.57 -0.14	31.51 2.65 -0.01	32.38 2.73 -0.01	32.20 2.62 -0.11	34.58 2.94 -0.01	36.22 2.93 0.00	34.34 2.66 0.00	32.57 2.41 0.00	30.48 2.23 0.00	27.26 2.04 0.00	24.99 2.08 -0.02	22.59 1.60 0.00
GOWANUS_GT3_1 24122	22.76 1.65 -0.01	21.44 1.42 0.00	19.38 1.27 0.00	18.56 1.21 0.00	19.09 1.27 0.00	20.46 1.30 0.00	22.02 1.44 0.00	24.27 2.11 -0.01	25.66 2.16 0.00	26.95 2.33 -0.11	27.29 2.21 -0.02	29.23 2.44 -0.21	30.35 2.57 -0.14	31.51 2.65 -0.01	32.38 2.73 -0.01	32.20 2.62 -0.11	34.58 2.94 -0.01	36.22 2.93 0.00	34.34 2.66 0.00	32.57 2.41 0.00	30.48 2.23 0.00	27.26 2.04 0.00	24.99 2.08 -0.02	22.59 1.60 0.00

GOWANUS_GT3_2 24123	22.76 1.65 -0.01	21.44 1.42 0.00	19.38 1.27 0.00	18.56 1.21 0.00	19.09 1.27 0.00	20.46 1.30 0.00	22.02 1.44 0.00	24.27 2.11 -0.01	25.66 2.16 0.00	26.95 2.33 -0.11	27.29 2.21 -0.02	29.23 2.44 -0.21	30.35 2.57 -0.14	31.51 2.65 -0.01	32.38 2.73 -0.01	32.20 2.62 -0.11	34.58 2.94 -0.01	36.22 2.93 0.00	34.34 2.66 0.00	32.57 2.41 0.00	30.48 2.23 0.00	27.26 2.04 0.00	24.99 2.08 -0.02	22.59 1.60 0.00
GOWANUS_GT3_3 24124	22.76 1.65 -0.01	21.44 1.42 0.00	19.38 1.27 0.00	18.56 1.21 0.00	19.09 1.27 0.00	20.46 1.30 0.00	22.02 1.44 0.00	24.27 2.11 -0.01	25.66 2.16 0.00	26.95 2.33 -0.11	27.29 2.21 -0.02	29.23 2.44 -0.21	30.35 2.57 -0.14	31.51 2.65 -0.01	32.38 2.73 -0.01	32.20 2.62 -0.11	34.58 2.94 -0.01	36.22 2.93 0.00	34.34 2.66 0.00	32.57 2.41 0.00	30.48 2.23 0.00	27.26 2.04 0.00	24.99 2.08 -0.02	22.59 1.60 0.00
GOWANUS_GT3_4 24125	22.76 1.65 -0.01	21.44 1.42 0.00	19.38 1.27 0.00	18.56 1.21 0.00	19.09 1.27 0.00	20.46 1.30 0.00	22.02 1.44 0.00	24.27 2.11 -0.01	25.66 2.16 0.00	26.95 2.33 -0.11	27.29 2.21 -0.02	29.23 2.44 -0.21	30.35 2.57 -0.14	31.51 2.65 -0.01	32.38 2.73 -0.01	32.20 2.62 -0.11	34.58 2.94 -0.01	36.22 2.93 0.00	34.34 2.66 0.00	32.57 2.41 0.00	30.48 2.23 0.00	27.26 2.04 0.00	24.99 2.08 -0.02	22.59 1.60 0.00
GOWANUS_GT3_5 24126	22.76 1.65 -0.01	21.44 1.42 0.00	19.38 1.27 0.00	18.56 1.21 0.00	19.09 1.27 0.00	20.46 1.30 0.00	22.02 1.44 0.00	24.27 2.11 -0.01	25.66 2.16 0.00	26.95 2.33 -0.11	27.29 2.21 -0.02	29.23 2.44 -0.21	30.35 2.57 -0.14	31.51 2.65 -0.01	32.38 2.73 -0.01	32.20 2.62 -0.11	34.58 2.94 -0.01	36.22 2.93 0.00	34.34 2.66 0.00	32.57 2.41 0.00	30.48 2.23 0.00	27.26 2.04 0.00	24.99 2.08 -0.02	22.59 1.60 0.00
GOWANUS_GT3_6 24127	22.76 1.65 -0.01	21.44 1.42 0.00	19.38 1.27 0.00	18.56 1.21 0.00	19.09 1.27 0.00	20.46 1.30 0.00	22.02 1.44 0.00	24.27 2.11 -0.01	25.66 2.16 0.00	26.95 2.33 -0.11	27.29 2.21 -0.02	29.23 2.44 -0.21	30.35 2.57 -0.14	31.51 2.65 -0.01	32.38 2.73 -0.01	32.20 2.62 -0.11	34.58 2.94 -0.01	36.22 2.93 0.00	34.34 2.66 0.00	32.57 2.41 0.00	30.48 2.23 0.00	27.26 2.04 0.00	24.99 2.08 -0.02	22.59 1.60 0.00
GOWANUS_GT3_7 24128	22.76 1.65 -0.01	21.44 1.42 0.00	19.38 1.27 0.00	18.56 1.21 0.00	19.09 1.27 0.00	20.46 1.30 0.00	22.02 1.44 0.00	24.27 2.11 -0.01	25.66 2.16 0.00	26.95 2.33 -0.11	27.29 2.21 -0.02	29.23 2.44 -0.21	30.35 2.57 -0.14	31.51 2.65 -0.01	32.38 2.73 -0.01	32.20 2.62 -0.11	34.58 2.94 -0.01	36.22 2.93 0.00	34.34 2.66 0.00	32.57 2.41 0.00	30.48 2.23 0.00	27.26 2.04 0.00	24.99 2.08 -0.02	22.59 1.60 0.00
GOWANUS_GT3_8 24129	22.76 1.65 -0.01	21.44 1.42 0.00	19.38 1.27 0.00	18.56 1.21 0.00	19.09 1.27 0.00	20.46 1.30 0.00	22.02 1.44 0.00	24.27 2.11 -0.01	25.66 2.16 0.00	26.95 2.33 -0.11	27.29 2.21 -0.02	29.23 2.44 -0.21	30.35 2.57 -0.14	31.51 2.65 -0.01	32.38 2.73 -0.01	32.20 2.62 -0.11	34.58 2.94 -0.01	36.22 2.93 0.00	34.34 2.66 0.00	32.57 2.41 0.00	30.48 2.23 0.00	27.26 2.04 0.00	24.99 2.08 -0.02	22.59 1.60 0.00
GOWANUS_GT4_1 24130	22.76 1.65 -0.01	21.44 1.42 0.00	19.40 1.29 0.00	18.56 1.21 0.00	19.09 1.27 0.00	20.46 1.30 0.00	22.02 1.44 0.00	24.27 2.10 -0.01	25.66 2.16 0.00	26.95 2.33 -0.11	27.29 2.21 -0.02	29.23 2.44 -0.21	30.35 2.57 -0.14	31.57 2.71 -0.01	32.35 2.70 -0.01	32.17 2.59 -0.11	34.58 2.94 -0.01	36.18 2.90 0.00	34.34 2.66 0.00	32.57 2.41 0.00	30.48 2.23 0.00	27.26 2.04 0.00	24.99 2.08 -0.02	22.60 1.60 0.00
GOWANUS_GT4_2 24131	22.76 1.65 -0.01	21.44 1.42 0.00	19.40 1.29 0.00	18.56 1.21 0.00	19.09 1.27 0.00	20.46 1.30 0.00	22.02 1.44 0.00	24.27 2.10 -0.01	25.66 2.16 0.00	26.95 2.33 -0.11	27.29 2.21 -0.02	29.23 2.44 -0.21	30.35 2.57 -0.14	31.57 2.71 -0.01	32.35 2.70 -0.01	32.17 2.59 -0.11	34.58 2.94 -0.01	36.18 2.90 0.00	34.34 2.66 0.00	32.57 2.41 0.00	30.48 2.23 0.00	27.26 2.04 0.00	24.99 2.08 -0.02	22.60 1.60 0.00
GOWANUS_GT4_3 24132	22.76 1.65 -0.01	21.44 1.42 0.00	19.40 1.29 0.00	18.56 1.21 0.00	19.09 1.27 0.00	20.46 1.30 0.00	22.02 1.44 0.00	24.27 2.10 -0.01	25.66 2.16 0.00	26.95 2.33 -0.11	27.29 2.21 -0.02	29.23 2.44 -0.21	30.35 2.57 -0.14	31.57 2.71 -0.01	32.35 2.70 -0.01	32.17 2.59 -0.11	34.58 2.94 -0.01	36.18 2.90 0.00	34.34 2.66 0.00	32.57 2.41 0.00	30.48 2.23 0.00	27.26 2.04 0.00	24.99 2.08 -0.02	22.60 1.60 0.00
GOWANUS_GT4_4 24133	22.76 1.65 -0.01	21.44 1.42 0.00	19.40 1.29 0.00	18.56 1.21 0.00	19.09 1.27 0.00	20.46 1.30 0.00	22.02 1.44 0.00	24.27 2.10 -0.01	25.66 2.16 0.00	26.95 2.33 -0.11	27.29 2.21 -0.02	29.23 2.44 -0.21	30.35 2.57 -0.14	31.57 2.71 -0.01	32.35 2.70 -0.01	32.17 2.59 -0.11	34.58 2.94 -0.01	36.18 2.90 0.00	34.34 2.66 0.00	32.57 2.41 0.00	30.48 2.23 0.00	27.26 2.04 0.00	24.99 2.08 -0.02	22.60 1.60 0.00
GOWANUS_GT4_5 24134	22.76 1.65 -0.01	21.44 1.42 0.00	19.40 1.29 0.00	18.56 1.21 0.00	19.09 1.27 0.00	20.46 1.30 0.00	22.02 1.44 0.00	24.27 2.10 -0.01	25.66 2.16 0.00	26.95 2.33 -0.11	27.29 2.21 -0.02	29.23 2.44 -0.21	30.35 2.57 -0.14	31.57 2.71 -0.01	32.35 2.70 -0.01	32.17 2.59 -0.11	34.58 2.94 -0.01	36.18 2.90 0.00	34.34 2.66 0.00	32.57 2.41 0.00	30.48 2.23 0.00	27.26 2.04 0.00	24.99 2.08 -0.02	22.60 1.60 0.00
GOWANUS_GT4_6 24135	22.76 1.65 -0.01	21.44 1.42 0.00	19.40 1.29 0.00	18.56 1.21 0.00	19.09 1.27 0.00	20.46 1.30 0.00	22.02 1.44 0.00	24.27 2.10 -0.01	25.66 2.16 0.00	26.95 2.33 -0.11	27.29 2.21 -0.02	29.23 2.44 -0.21	30.35 2.57 -0.14	31.57 2.71 -0.01	32.35 2.70 -0.01	32.17 2.59 -0.11	34.58 2.94 -0.01	36.18 2.90 0.00	34.34 2.66 0.00	32.57 2.41 0.00	30.48 2.23 0.00	27.26 2.04 0.00	24.99 2.08 -0.02	22.60 1.60 0.00
GOWANUS_GT4_7 24136	22.76 1.65 -0.01	21.44 1.42 0.00	19.40 1.29 0.00	18.56 1.21 0.00	19.09 1.27 0.00	20.46 1.30 0.00	22.02 1.44 0.00	24.27 2.10 -0.01	25.66 2.16 0.00	26.95 2.33 -0.11	27.29 2.21 -0.02	29.23 2.44 -0.21	30.35 2.57 -0.14	31.57 2.71 -0.01	32.35 2.70 -0.01	32.17 2.59 -0.11	34.58 2.94 -0.01	36.18 2.90 0.00	34.34 2.66 0.00	32.57 2.41 0.00	30.48 2.23 0.00	27.26 2.04 0.00	24.99 2.08 -0.02	22.60 1.60 0.00
GOWANUS_GT4_8 24137	22.76 1.65 -0.01	21.44 1.42 0.00	19.40 1.29 0.00	18.56 1.21 0.00	19.09 1.27 0.00	20.46 1.30 0.00	22.02 1.44 0.00	24.27 2.10 -0.01	25.66 2.16 0.00	26.95 2.33 -0.11	27.29 2.21 -0.02	29.23 2.44 -0.21	30.35 2.57 -0.14	31.57 2.71 -0.01	32.35 2.70 -0.01	32.17 2.59 -0.11	34.58 2.94 -0.01	36.18 2.90 0.00	34.34 2.66 0.00	32.57 2.41 0.00	30.48 2.23 0.00	27.26 2.04 0.00	24.99 2.08 -0.02	22.60 1.60 0.00

GREENBSH_115KV_TB3 55895	21.66 0.55 0.00	20.52 0.50 0.00	18.56 0.45 0.00	17.78 0.43 0.00	18.27 0.45 0.00	19.62 0.46 0.00	21.07 0.49 0.00	22.86 0.71 0.00	24.23 0.73 0.00	25.17 0.66 0.00	25.70 0.65 0.02	27.24 0.77 0.11	28.41 0.88 0.12	29.80 0.95 0.00	30.66 1.01 0.00	30.35 0.88 0.00	32.64 1.01 0.00	34.35 1.07 0.00	32.69 1.01 0.00	31.09 0.93 0.00	29.12 0.88 0.00	26.00 0.78 0.00	23.62 0.73 0.00	21.52 0.52 0.00
GREENDGE_115KV_TB5 80291	21.81 0.70 0.00	20.44 0.42 0.00	18.40 0.29 0.00	17.64 0.29 0.00	18.14 0.32 0.00	19.52 0.36 0.00	21.03 0.45 0.00	22.62 0.47 0.00	24.07 0.56 0.00	25.15 0.64 0.00	25.94 0.88 0.00	27.45 0.88 0.00	28.45 0.80 0.00	29.71 0.87 0.00	30.57 0.92 0.00	30.58 1.12 0.00	32.33 0.70 0.00	33.85 0.57 0.00	32.38 0.70 0.00	31.00 0.84 0.00	29.04 0.79 0.00	25.95 0.73 0.00	23.44 0.55 0.00	21.67 0.67 0.00
GREENIDGE___3 23582	21.81 0.70 0.00	20.44 0.42 0.00	18.40 0.29 0.00	17.64 0.29 0.00	18.14 0.32 0.00	19.52 0.36 0.00	21.03 0.45 0.00	22.62 0.47 0.00	24.07 0.56 0.00	25.15 0.64 0.00	25.94 0.88 0.00	27.45 0.88 0.00	28.45 0.80 0.00	29.71 0.87 0.00	30.57 0.92 0.00	30.58 1.12 0.00	32.33 0.70 0.00	33.85 0.57 0.00	32.38 0.70 0.00	31.00 0.84 0.00	29.04 0.79 0.00	25.95 0.73 0.00	23.44 0.55 0.00	21.67 0.67 0.00
GREENIDGE___4 23583	21.80 0.70 0.00	20.42 0.40 0.00	18.45 0.34 0.00	17.64 0.29 0.00	18.15 0.32 0.00	19.52 0.36 0.00	21.03 0.45 0.00	22.62 0.47 0.00	24.07 0.56 0.00	25.15 0.64 0.00	25.94 0.88 0.00	27.45 0.88 0.00	28.45 0.80 0.00	29.77 0.92 0.00	30.48 0.83 0.00	30.52 1.06 0.00	32.29 0.67 0.00	33.85 0.57 0.00	32.37 0.70 0.00	31.00 0.84 0.00	29.04 0.79 0.00	25.95 0.73 0.00	23.44 0.55 0.00	21.67 0.67 0.00
GREENLWN_69_KV_BK 3 55738	35.75 1.84 -12.80	29.98 1.76 -8.20	27.46 1.65 -7.70	24.05 1.56 -5.14	24.69 1.60 -5.26	27.40 1.72 -6.52	27.12 1.93 -4.60	30.91 2.48 -6.27	33.88 2.59 -7.80	34.36 2.67 -7.17	36.82 2.31 -9.45	35.46 2.52 -6.37	45.48 2.68 -15.16	43.01 2.80 -11.37	42.75 2.85 -10.26	44.27 2.74 -12.07	42.90 3.07 -8.20	39.64 3.20 -3.16	41.99 2.98 -7.33	41.41 2.77 -8.48	39.28 2.54 -8.49	34.96 2.27 -7.47	31.98 2.38 -6.70	31.73 1.89 -8.84
GREENWD_138_KV_38B11_REV_LBMP_J 345004	22.76 1.65 -0.01	21.44 1.42 0.00	19.40 1.29 0.00	18.56 1.21 0.00	19.09 1.27 0.00	20.46 1.30 0.00	22.02 1.44 0.00	24.27 2.10 -0.01	25.66 2.16 0.00	26.95 2.33 -0.11	27.29 2.21 -0.02	29.23 2.44 -0.21	30.35 2.57 -0.14	31.57 2.71 -0.01	32.35 2.70 -0.01	32.17 2.59 -0.11	34.58 2.94 -0.01	36.18 2.90 0.00	34.34 2.66 0.00	32.57 2.41 0.00	30.48 2.23 0.00	27.26 2.04 0.00	24.99 2.08 -0.02	22.60 1.60 0.00
GRISSOM___SOLAR 323813	22.94 1.84 0.00	21.68 1.66 0.00	19.54 1.43 0.00	18.72 1.37 0.00	19.22 1.39 0.00	20.79 1.63 0.00	22.41 1.83 0.00	24.33 2.17 0.00	25.90 2.40 0.00	26.84 2.33 0.00	28.01 2.96 0.01	29.57 3.08 0.08	30.81 3.26 0.09	32.14 3.29 0.00	32.55 2.91 0.00	32.29 2.83 0.00	34.57 2.94 0.00	36.62 3.33 0.00	34.94 3.26 0.00	33.23 3.08 0.00	31.13 2.88 0.00	27.84 2.62 0.00	25.07 2.18 0.00	22.89 1.89 0.00
GROVEVILLE___HYD 323602	22.52 1.41 0.00	21.24 1.22 0.00	19.21 1.10 0.00	18.40 1.06 0.00	18.89 1.07 0.00	20.27 1.11 0.00	21.84 1.26 0.00	23.82 1.66 0.00	25.15 1.65 0.00	26.18 1.67 0.00	26.66 1.58 -0.01	28.48 1.83 -0.08	29.64 2.57 -0.09	30.87 2.71 0.00	31.75 2.10 0.00	31.41 1.94 0.00	33.84 2.21 0.00	35.58 2.30 0.00	33.80 2.12 0.00	32.18 2.02 0.00	30.11 1.86 0.00	26.96 1.74 0.00	24.59 1.69 0.00	22.30 1.30 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	21.28 0.17 0.00	20.08 0.06 0.00	18.15 0.04 0.00	17.38 0.03 0.00	17.86 0.04 0.00	19.20 0.04 0.00	20.66 0.08 0.00	22.22 0.07 0.00	23.60 0.09 0.00	24.63 0.12 0.00	25.32 0.25 0.00	26.79 0.21 0.00	27.84 0.19 0.00	29.05 0.20 0.00	29.88 0.24 0.00	29.73 0.27 0.00	31.76 0.13 0.00	33.39 0.10 0.00	31.77 0.10 0.00	30.25 0.09 0.00	28.33 0.08 0.00	25.30 0.08 0.00	22.96 0.07 0.00	21.17 0.17 0.00
HAMLTNNY_34_KV_TB 80303	21.38 0.27 0.00	20.18 0.16 0.00	18.22 0.11 0.00	17.47 0.12 0.00	17.95 0.12 0.00	19.29 0.13 0.00	20.75 0.16 0.00	22.31 0.16 0.00	23.71 0.21 0.00	24.76 0.25 0.00	25.42 0.35 0.00	26.89 0.32 0.00	27.98 0.33 0.00	29.20 0.35 0.00	30.00 0.36 0.00	29.91 0.44 0.00	31.91 0.28 0.00	33.55 0.27 0.00	31.96 0.29 0.00	30.46 0.30 0.00	28.53 0.28 0.00	25.47 0.25 0.00	23.07 0.18 0.00	21.29 0.29 0.00
HAMPSHIRE___PAPER_HYD 323593	20.26 -0.84 0.00	19.26 -0.76 0.00	17.44 -0.67 0.00	16.71 -0.64 0.00	17.18 -0.64 0.00	18.49 -0.67 0.00	19.82 -0.76 0.00	21.29 -0.86 0.00	22.61 -0.89 0.00	23.58 -0.93 0.00	24.17 -0.90 0.00	25.62 -0.96 0.00	26.65 -0.99 0.00	27.72 -1.13 0.00	28.46 -1.19 0.00	28.11 -1.35 0.00	30.33 -1.30 0.00	32.12 -1.17 0.00	30.70 -0.98 0.00	29.28 -0.88 0.00	27.46 -0.79 0.00	24.39 -0.83 0.00	22.00 -0.89 0.00	20.18 -0.82 0.00
HARDSCRABBLE_WT_PWR 323673	21.43 0.32 0.00	20.32 0.30 0.00	18.36 0.25 0.00	17.59 0.24 0.00	18.09 0.27 0.00	19.46 0.31 0.00	20.91 0.33 0.00	22.51 0.35 0.00	23.90 0.40 0.00	24.88 0.37 0.00	25.62 0.55 0.00	27.16 0.58 0.00	28.23 0.58 0.00	29.48 0.63 0.00	30.06 0.41 0.00	29.82 0.35 0.00	31.98 0.35 0.00	33.72 0.43 0.00	32.15 0.48 0.00	30.61 0.45 0.00	28.61 0.37 0.00	25.52 0.30 0.00	23.12 0.23 0.00	21.15 0.15 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	22.31 1.20 0.00	21.04 1.02 0.00	19.03 0.92 0.00	18.23 0.88 0.00	18.72 0.89 0.00	20.10 0.94 0.00	21.65 1.07 0.00	23.62 1.46 0.00	24.96 1.46 0.00	26.01 1.50 0.00	26.56 1.48 -0.01	28.30 1.65 -0.08	29.45 1.71 -0.09	30.70 1.85 0.00	31.54 1.90 0.00	31.20 1.74 0.00	33.62 1.99 0.00	35.32 2.03 0.00	33.55 1.87 0.00	31.91 1.75 0.00	29.86 1.61 0.00	26.76 1.54 0.00	24.38 1.49 0.00	22.11 1.11 0.00
HARSNRAD_115KV_TB1 81005	21.81 0.70 0.00	20.30 0.28 0.00	18.22 0.11 0.00	17.54 0.19 0.00	18.02 0.20 0.00	19.29 0.13 0.00	20.62 0.04 0.00	22.00 -0.16 0.00	23.41 -0.09 0.00	24.54 0.02 0.00	25.37 0.30 0.00	26.76 0.19 0.00	27.59 -0.06 0.00	28.76 -0.09 0.00	29.56 -0.09 0.00	29.94 0.47 0.00	31.34 -0.28 0.00	32.79 -0.50 0.00	31.27 -0.41 0.00	29.92 -0.24 0.00	28.11 -0.14 0.00	25.30 0.08 0.00	22.85 -0.05 0.00	21.46 0.46 0.00
HARZA MOOSE___RIVER 24016	21.24 0.13 0.00	20.12 0.10 0.00	18.15 0.04 0.00	17.38 0.03 0.00	17.86 0.04 0.00	19.23 0.08 0.00	20.70 0.12 0.00	22.33 0.18 0.00	23.69 0.19 0.00	24.66 0.15 0.00	25.37 0.30 0.00	26.89 0.32 0.00	27.98 0.33 0.00	29.17 0.32 0.00	30.00 0.36 0.00	29.46 0.00 0.00	31.69 0.06 0.00	33.62 0.33 0.00	32.12 0.44 0.00	30.64 0.48 0.00	28.73 0.48 0.00	25.57 0.35 0.00	23.07 0.18 0.00	21.17 0.17 0.00

HDSNBRDG_115KV_BRDG_TB1 355580	21.15 0.04 0.00	19.98 -0.04 0.00	18.04 -0.07 0.00	17.29 -0.05 0.00	17.77 -0.05 0.00	19.10 -0.06 0.00	20.54 -0.04 0.00	22.09 -0.07 0.00	23.45 -0.05 0.00	24.49 -0.02 0.00	25.14 0.08 0.00	26.57 0.00 0.00	27.59 -0.06 0.00	28.82 -0.03 0.00	29.62 -0.03 0.00	29.49 0.03 0.00	31.50 -0.13 0.00	33.12 -0.17 0.00	31.52 -0.16 0.00	30.01 -0.15 0.00	28.11 -0.14 0.00	25.14 -0.08 0.00	22.82 -0.07 0.00	21.06 0.06 0.00
HELLGATE_13_KV_LD 55870	22.63 1.52 0.00	21.34 1.32 0.00	19.33 1.21 0.00	18.49 1.14 0.00	19.02 1.19 0.00	20.40 1.25 0.00	21.98 1.40 0.00	24.20 2.04 -0.01	25.57 2.07 0.00	26.73 2.21 -0.01	27.16 2.08 -0.02	28.99 2.31 -0.11	30.20 2.43 -0.12	31.40 2.54 -0.01	32.18 2.52 -0.01	31.86 2.39 -0.01	34.36 2.72 -0.01	36.02 2.73 0.00	34.18 2.50 0.00	32.42 2.26 0.00	30.37 2.12 0.00	27.14 1.92 0.00	24.89 1.99 0.00	22.47 1.47 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	22.63 1.52 0.00	21.34 1.32 0.00	19.33 1.21 0.00	18.49 1.14 0.00	19.02 1.19 0.00	20.40 1.25 0.00	21.98 1.40 0.00	24.20 2.04 -0.01	25.57 2.07 0.00	26.73 2.21 -0.01	27.16 2.08 -0.02	28.99 2.31 -0.11	30.20 2.43 -0.12	31.40 2.54 -0.01	32.18 2.52 -0.01	31.86 2.39 -0.01	34.36 2.72 -0.01	36.02 2.73 0.00	34.18 2.50 0.00	32.42 2.26 0.00	30.37 2.12 0.00	27.14 1.92 0.00	24.89 1.99 0.00	22.47 1.47 0.00
HEMPSTEAD____ 23647	35.77 1.69 -12.97	29.72 1.50 -8.20	27.16 1.36 -7.69	23.80 1.32 -5.14	24.43 1.35 -5.26	27.15 1.48 -6.51	26.83 1.65 -4.60	30.62 2.19 -6.27	33.55 2.26 -7.79	34.92 2.38 -8.03	37.25 2.18 -10.01	36.23 2.42 -7.24	45.58 2.52 -15.42	43.57 2.62 -12.09	45.10 2.73 -12.73	45.45 2.62 -13.36	45.14 2.91 -10.60	44.39 2.96 -8.14	43.94 2.72 -9.53	41.71 2.53 -9.02	41.10 2.37 -10.48	36.41 2.17 -9.02	32.96 2.15 -7.92	31.71 1.68 -9.03
HEWLETT__69_KV_BK3 55828	36.06 1.98 -12.97	29.96 1.74 -8.20	27.40 1.59 -7.69	23.99 1.51 -5.14	24.63 1.55 -5.26	27.34 1.67 -6.51	27.03 1.85 -4.60	30.79 2.37 -6.27	33.74 2.44 -7.79	35.04 2.50 -8.03	37.51 2.43 -10.01	36.50 2.68 -7.24	45.88 2.82 -15.42	43.91 2.97 -12.09	45.40 3.02 -12.73	45.71 2.89 -13.36	45.46 3.23 -10.60	44.69 3.26 -8.14	44.25 3.04 -9.53	41.98 2.80 -9.02	41.41 2.68 -10.48	36.66 2.42 -9.02	33.24 2.43 -7.92	31.92 1.89 -9.03
HICKLING___1 23621	22.08 0.97 0.00	20.66 0.64 0.00	18.62 0.51 0.00	17.87 0.52 0.00	18.34 0.52 0.00	19.69 0.54 0.00	21.20 0.62 0.00	22.82 0.66 0.00	24.25 0.75 0.00	25.37 0.86 0.00	26.10 1.03 0.00	27.58 1.01 0.00	28.58 0.94 0.00	29.92 1.07 0.00	30.80 1.16 0.00	30.94 1.47 0.00	32.77 1.14 0.00	34.39 1.10 0.00	32.79 1.11 0.00	31.21 1.06 0.00	29.29 1.05 0.00	26.23 1.01 0.00	23.69 0.80 0.00	21.92 0.92 0.00
HICKLING___2 23622	22.08 0.97 0.00	20.66 0.64 0.00	18.62 0.51 0.00	17.87 0.52 0.00	18.34 0.52 0.00	19.69 0.54 0.00	21.20 0.62 0.00	22.82 0.66 0.00	24.25 0.75 0.00	25.37 0.86 0.00	26.10 1.03 0.00	27.58 1.01 0.00	28.58 0.94 0.00	29.92 1.07 0.00	30.80 1.16 0.00	30.94 1.47 0.00	32.77 1.14 0.00	34.39 1.10 0.00	32.79 1.11 0.00	31.21 1.06 0.00	29.29 1.05 0.00	26.23 1.01 0.00	23.69 0.80 0.00	21.92 0.92 0.00
HIGH FALLS___HY 23754	22.40 1.29 0.00	21.10 1.08 0.00	19.07 0.96 0.00	18.27 0.92 0.00	18.75 0.93 0.00	20.12 0.96 0.00	21.69 1.11 0.00	23.64 1.48 0.00	24.91 1.41 0.00	25.96 1.45 0.00	26.28 1.20 -0.01	28.02 1.41 -0.04	29.13 1.44 -0.05	30.41 1.56 0.00	31.22 1.57 0.00	30.97 1.50 0.00	33.40 1.77 0.00	35.09 1.80 0.00	33.33 1.65 0.00	31.73 1.57 0.00	29.66 1.41 0.00	26.61 1.39 0.00	24.40 1.51 0.00	22.18 1.18 0.00
HILLBURN___GT 23639	22.25 1.14 0.00	21.00 0.98 0.00	18.98 0.87 0.00	18.20 0.85 0.00	18.68 0.86 0.00	20.08 0.92 0.00	21.65 1.07 0.00	23.64 1.48 0.00	25.03 1.53 0.00	26.08 1.57 0.00	26.64 1.55 -0.01	28.39 1.73 -0.09	29.54 1.80 -0.10	30.78 1.93 0.00	31.55 1.90 0.00	31.26 1.80 0.00	33.68 2.05 0.00	35.32 2.03 0.00	33.55 1.87 0.00	31.88 1.72 0.00	29.86 1.61 0.00	26.71 1.49 0.00	24.36 1.47 0.00	22.07 1.07 0.00
HILLSIDE_115KV_TB1 80332	21.64 0.53 0.00	20.28 0.26 0.00	18.27 0.16 0.00	17.54 0.19 0.00	18.00 0.18 0.00	19.33 0.17 0.00	20.79 0.21 0.00	22.38 0.22 0.00	23.76 0.26 0.00	24.86 0.34 0.00	25.57 0.50 0.00	27.02 0.45 0.00	28.00 0.36 0.00	29.34 0.49 0.00	30.18 0.53 0.00	30.26 0.80 0.00	32.07 0.44 0.00	33.69 0.40 0.00	32.12 0.44 0.00	30.55 0.39 0.00	28.67 0.42 0.00	25.70 0.48 0.00	23.23 0.34 0.00	21.48 0.48 0.00
HISHELDN_WT_PWR 323625	21.89 0.78 0.00	20.40 0.38 0.00	18.45 0.34 0.00	17.61 0.26 0.00	18.09 0.27 0.00	19.39 0.23 0.00	20.79 0.21 0.00	22.27 0.11 0.00	23.69 0.19 0.00	24.83 0.32 0.00	25.64 0.58 0.00	27.08 0.50 0.00	27.98 0.33 0.00	29.28 0.43 0.00	29.94 0.30 0.00	30.17 0.71 0.00	31.69 0.06 0.00	33.22 -0.07 0.00	31.71 0.03 0.00	30.28 0.12 0.00	28.47 0.22 0.00	25.62 0.40 0.00	23.17 0.28 0.00	21.65 0.65 0.00
HOLTSVILLE_IC_1 23690	37.00 2.20 -13.70	30.22 2.00 -8.20	27.62 1.81 -7.70	24.20 1.72 -5.14	24.85 1.76 -5.26	27.59 1.92 -6.51	27.32 2.14 -4.60	31.24 2.81 -6.27	34.22 2.91 -7.80	39.36 3.04 -11.81	40.29 2.76 -12.47	40.69 3.00 -11.12	47.34 3.12 -16.57	47.40 3.23 -15.32	56.64 3.32 -23.68	51.77 3.21 -19.09	56.44 3.54 -21.27	67.24 3.66 -30.29	54.41 3.42 -19.31	44.82 3.23 -11.44	48.77 3.05 -17.47	43.89 2.77 -15.90	38.99 2.77 -13.33	33.11 2.25 -9.86
HOLTSVILLE_IC_10 23699	37.28 2.43 -13.75	30.44 2.22 -8.20	27.80 1.99 -7.70	24.36 1.87 -5.14	25.01 1.93 -5.26	27.78 2.11 -6.51	27.53 2.35 -4.60	31.46 3.04 -6.27	34.48 3.17 -7.81	39.88 3.31 -12.06	40.70 3.01 -12.63	41.21 3.27 -11.37	47.69 3.40 -16.65	47.90 3.52 -15.53	57.68 3.65 -24.39	52.46 3.53 -19.46	57.51 3.92 -21.96	69.03 4.03 -31.72	55.39 3.77 -19.95	45.34 3.59 -11.59	49.53 3.36 -17.92	44.62 3.05 -16.35	39.59 3.02 -13.68	33.40 2.48 -9.92
HOLTSVILLE_IC_2 23691	37.00 2.20 -13.70	30.22 2.00 -8.20	27.62 1.81 -7.70	24.20 1.72 -5.14	24.85 1.76 -5.26	27.59 1.92 -6.51	27.32 2.14 -4.60	31.24 2.81 -6.27	34.22 2.91 -7.80	39.36 3.04 -11.81	40.29 2.76 -12.47	40.69 3.00 -11.12	47.34 3.12 -16.57	47.40 3.23 -15.32	56.64 3.32 -23.68	51.77 3.21 -19.09	56.44 3.54 -21.27	67.24 3.66 -30.29	54.41 3.42 -19.31	44.82 3.23 -11.44	48.77 3.05 -17.47	43.89 2.77 -15.90	38.99 2.77 -13.33	33.11 2.25 -9.86
HOLTSVILLE_IC_3 23692	37.00 2.20 -13.70	30.22 2.00 -8.20	27.62 1.81 -7.70	24.20 1.72 -5.14	24.85 1.76 -5.26	27.59 1.92 -6.51	27.32 2.14 -4.60	31.24 2.81 -6.27	34.22 2.91 -7.80	39.36 3.04 -11.81	40.29 2.76 -12.47	40.69 3.00 -11.12	47.34 3.12 -16.57	47.40 3.23 -15.32	56.64 3.32 -23.68	51.77 3.21 -19.09	56.44 3.54 -21.27	67.24 3.66 -30.29	54.41 3.42 -19.31	44.82 3.23 -11.44	48.77 3.05 -17.47	43.89 2.77 -15.90	38.99 2.77 -13.33	33.11 2.25 -9.86

HOLTSVILLE_IC_4 23693	37.00 2.20 -13.70	30.22 2.00 -8.20	27.62 1.81 -7.70	24.20 1.72 -5.14	24.85 1.76 -5.26	27.59 1.92 -6.51	27.32 2.14 -4.60	31.24 2.81 -6.27	34.22 2.91 -7.80	39.36 3.04 -11.81	40.29 2.76 -12.47	40.69 3.00 -11.12	47.34 3.12 -16.57	47.40 3.23 -15.32	56.64 3.32 -23.68	51.77 3.21 -19.09	56.44 3.54 -21.27	67.24 3.66 -30.29	54.41 3.42 -19.31	44.82 3.23 -11.44	48.77 3.05 -17.47	43.89 2.77 -15.90	38.99 2.77 -13.33	33.11 2.25 -9.86
HOLTSVILLE_IC_5 23694	37.00 2.20 -13.70	30.22 2.00 -8.20	27.62 1.81 -7.70	24.20 1.72 -5.14	24.85 1.76 -5.26	27.59 1.92 -6.51	27.32 2.14 -4.60	31.24 2.81 -6.27	34.22 2.91 -7.80	39.36 3.04 -11.81	40.29 2.76 -12.47	40.69 3.00 -11.12	47.34 3.12 -16.57	47.40 3.23 -15.32	56.64 3.32 -23.68	51.77 3.21 -19.09	56.44 3.54 -21.27	67.24 3.66 -30.29	54.41 3.42 -19.31	44.82 3.23 -11.44	48.77 3.05 -17.47	43.89 2.77 -15.90	38.99 2.77 -13.33	33.11 2.25 -9.86
HOLTSVILLE_IC_6 23695	37.28 2.43 -13.75	30.44 2.22 -8.20	27.80 1.99 -7.70	24.36 1.87 -5.14	25.01 1.93 -5.26	27.78 2.11 -6.51	27.53 2.35 -4.60	31.46 3.04 -6.27	34.48 3.17 -7.81	39.88 3.31 -12.06	40.70 3.01 -12.63	41.21 3.27 -11.37	47.69 3.40 -16.65	47.90 3.52 -15.53	57.68 3.65 -24.39	52.46 3.53 -19.46	57.51 3.92 -21.96	69.03 4.03 -31.72	55.39 3.77 -19.95	45.34 3.59 -11.59	49.53 3.36 -17.92	44.62 3.05 -16.35	39.59 3.02 -13.68	33.40 2.48 -9.92
HOLTSVILLE_IC_7 23696	37.28 2.43 -13.75	30.44 2.22 -8.20	27.80 1.99 -7.70	24.36 1.87 -5.14	25.01 1.93 -5.26	27.78 2.11 -6.51	27.53 2.35 -4.60	31.46 3.04 -6.27	34.48 3.17 -7.81	39.88 3.31 -12.06	40.70 3.01 -12.63	41.21 3.27 -11.37	47.69 3.40 -16.65	47.90 3.52 -15.53	57.68 3.65 -24.39	52.46 3.53 -19.46	57.51 3.92 -21.96	69.03 4.03 -31.72	55.39 3.77 -19.95	45.34 3.59 -11.59	49.53 3.36 -17.92	44.62 3.05 -16.35	39.59 3.02 -13.68	33.40 2.48 -9.92
HOLTSVILLE_IC_8 23697	37.28 2.43 -13.75	30.44 2.22 -8.20	27.80 1.99 -7.70	24.36 1.87 -5.14	25.01 1.93 -5.26	27.78 2.11 -6.51	27.53 2.35 -4.60	31.46 3.04 -6.27	34.48 3.17 -7.81	39.88 3.31 -12.06	40.70 3.01 -12.63	41.21 3.27 -11.37	47.69 3.40 -16.65	47.90 3.52 -15.53	57.68 3.65 -24.39	52.46 3.53 -19.46	57.51 3.92 -21.96	69.03 4.03 -31.72	55.39 3.77 -19.95	45.34 3.59 -11.59	49.53 3.36 -17.92	44.62 3.05 -16.35	39.59 3.02 -13.68	33.40 2.48 -9.92
HOLTSVILLE_IC_9 23698	37.28 2.43 -13.75	30.44 2.22 -8.20	27.80 1.99 -7.70	24.36 1.87 -5.14	25.01 1.93 -5.26	27.78 2.11 -6.51	27.53 2.35 -4.60	31.46 3.04 -6.27	34.48 3.17 -7.81	39.88 3.31 -12.06	40.70 3.01 -12.63	41.21 3.27 -11.37	47.69 3.40 -16.65	47.90 3.52 -15.53	57.68 3.65 -24.39	52.46 3.53 -19.46	57.51 3.92 -21.96	69.03 4.03 -31.72	55.39 3.77 -19.95	45.34 3.59 -11.59	49.53 3.36 -17.92	44.62 3.05 -16.35	39.59 3.02 -13.68	33.40 2.48 -9.92
HOMER_HL_115KV_TB2 355744	22.04 0.93 0.00	20.54 0.52 0.00	18.45 0.34 0.00	17.73 0.38 0.00	18.18 0.36 0.00	19.50 0.34 0.00	20.95 0.37 0.00	22.44 0.29 0.00	23.90 0.40 0.00	25.03 0.51 0.00	25.79 0.73 0.00	27.21 0.64 0.00	28.06 0.41 0.00	29.40 0.55 0.00	30.27 0.62 0.00	30.67 1.21 0.00	32.20 0.57 0.00	33.69 0.40 0.00	32.12 0.44 0.00	30.58 0.42 0.00	28.76 0.51 0.00	25.90 0.68 0.00	23.33 0.43 0.00	21.80 0.80 0.00
HOWARD_WT_PWR 323690	22.18 1.08 0.00	20.66 0.64 0.00	18.65 0.54 0.00	17.83 0.49 0.00	18.32 0.50 0.00	19.69 0.54 0.00	21.22 0.64 0.00	22.77 0.62 0.00	24.25 0.75 0.00	25.37 0.86 0.00	26.22 1.15 0.00	27.71 1.14 0.00	28.69 1.05 0.00	30.03 1.18 0.00	30.71 1.07 0.00	30.91 1.44 0.00	32.58 0.95 0.00	34.19 0.90 0.00	32.63 0.95 0.00	31.12 0.96 0.00	29.18 0.93 0.00	26.15 0.93 0.00	23.60 0.71 0.00	21.92 0.92 0.00
HQ_GEN_CEDARS 23644	20.48 -0.63 0.00	19.54 -0.48 0.00	17.80 -0.31 0.00	17.03 -0.31 0.00	17.54 -0.29 0.00	18.83 -0.33 0.00	20.05 -0.54 0.00	21.47 -0.69 0.00	22.82 -0.68 0.00	23.83 -0.69 0.00	24.42 -0.65 0.00	25.88 -0.69 0.00	26.92 -0.72 0.00	27.98 -0.87 0.00	28.76 -0.89 0.00	28.52 -0.94 0.00	30.74 -0.89 0.00	32.39 -0.90 0.00	30.82 -0.86 0.00	29.37 -0.78 0.00	27.48 -0.76 0.00	24.46 -0.76 0.00	22.16 -0.73 0.00	20.33 -0.67 0.00
HQ_GEN_CEDARS_PROXY 323590	20.48 -0.63 0.00	19.54 -0.48 0.00	17.80 -0.31 0.00	17.04 -0.31 0.00	17.54 -0.29 0.00	18.83 -0.33 0.00	20.21 -0.54 -0.16	21.30 -0.69 0.16	22.82 -0.68 0.00	23.83 -0.69 0.00	24.42 -0.65 0.00	25.88 -0.69 0.00	26.92 -0.72 0.00	27.98 -0.86 0.00	28.73 -0.92 0.00	28.52 -0.94 0.00	30.74 -0.89 0.00	32.39 -0.90 0.00	30.82 -0.85 0.00	29.37 -0.78 0.00	27.49 -0.76 0.00	24.46 -0.76 0.00	22.16 -0.73 0.00	20.33 -0.67 0.00
HQ_GEN_IMPORT 323601	20.71 -0.40 0.00	19.74 -0.28 0.00	17.87 -0.24 0.00	17.12 -0.23 0.00	17.59 -0.23 0.00	18.91 -0.25 0.00	20.46 -0.29 -0.16	21.57 -0.42 0.16	23.08 -0.42 0.00	24.10 -0.42 0.00	24.64 -0.43 0.00	26.12 -0.45 0.00	27.17 -0.47 0.00	28.30 -0.55 0.00	29.08 -0.56 0.00	28.90 -0.56 0.00	31.09 -0.54 0.00	32.72 -0.57 0.00	31.17 -0.51 0.00	29.67 -0.48 0.00	27.77 -0.48 0.00	24.77 -0.45 0.00	22.46 -0.44 0.00	20.60 -0.40 0.00
HQ_GEN_WHEEL 23651	20.71 -0.40 0.00	19.74 -0.28 0.00	17.87 -0.24 0.00	17.12 -0.23 0.00	17.59 -0.23 0.00	18.91 -0.25 0.00	20.46 -0.29 -0.16	21.57 -0.42 0.16	23.08 -0.42 0.00	24.10 -0.42 0.00	24.64 -0.43 0.00	26.12 -0.45 0.00	27.17 -0.47 0.00	28.30 -0.55 0.00	29.08 -0.56 0.00	28.90 -0.56 0.00	31.09 -0.54 0.00	32.72 -0.57 0.00	31.17 -0.51 0.00	29.67 -0.48 0.00	27.77 -0.48 0.00	24.77 -0.45 0.00	22.46 -0.44 0.00	20.60 -0.40 0.00
HUDSON_AVE_GT_3 23810	22.56 1.46 0.00	21.28 1.26 0.00	19.25 1.14 0.00	18.42 1.08 0.00	18.95 1.12 0.00	20.36 1.21 0.00	21.98 1.40 0.00	24.15 1.99 0.00	25.57 2.07 0.00	26.72 2.21 0.00	27.14 2.06 -0.02	28.96 2.29 -0.10	30.13 2.38 -0.11	31.33 2.48 0.00	32.11 2.46 0.00	31.79 2.33 0.00	34.32 2.69 0.00	35.95 2.66 0.00	34.12 2.44 0.00	32.36 2.20 0.00	30.37 2.12 0.00	27.14 1.92 0.00	24.84 1.95 0.00	22.41 1.41 0.00
HUDSON_AVE_GT_4 23540	22.56 1.46 0.00	21.28 1.26 0.00	19.25 1.14 0.00	18.42 1.08 0.00	18.95 1.12 0.00	20.36 1.21 0.00	21.98 1.40 0.00	24.15 1.99 0.00	25.57 2.07 0.00	26.72 2.21 0.00	27.14 2.06 -0.02	28.96 2.29 -0.10	30.13 2.38 -0.11	31.33 2.48 0.00	32.11 2.46 0.00	31.79 2.33 0.00	34.32 2.69 0.00	35.95 2.66 0.00	34.12 2.44 0.00	32.36 2.20 0.00	30.37 2.12 0.00	27.14 1.92 0.00	24.84 1.95 0.00	22.41 1.41 0.00
HUDSON_AVE_GT_5 23657	22.56 1.46 0.00	21.28 1.26 0.00	19.25 1.14 0.00	18.42 1.08 0.00	18.95 1.12 0.00	20.36 1.21 0.00	21.98 1.40 0.00	24.15 1.99 0.00	25.57 2.07 0.00	26.72 2.21 0.00	27.14 2.06 -0.02	28.96 2.29 -0.10	30.13 2.38 -0.11	31.33 2.48 0.00	32.11 2.46 0.00	31.79 2.33 0.00	34.32 2.69 0.00	35.95 2.66 0.00	34.12 2.44 0.00	32.36 2.20 0.00	30.37 2.12 0.00	27.14 1.92 0.00	24.84 1.95 0.00	22.41 1.41 0.00

HUDSON_AVE_10 24168	22.50 1.39 0.00	21.22 1.20 0.00	19.21 1.10 0.00	18.39 1.04 0.00	18.89 1.07 0.00	20.33 1.17 0.00	21.94 1.36 0.00	24.13 1.97 0.00	25.55 2.04 0.00	26.67 2.16 0.00	27.06 1.98 -0.02	28.88 2.21 -0.10	30.05 2.29 -0.11	31.24 2.39 0.00	32.02 2.37 0.00	31.70 2.24 0.00	34.22 2.59 0.00	35.85 2.56 0.00	34.02 2.34 0.00	32.30 2.14 0.00	30.28 2.03 0.00	27.06 1.84 0.00	24.79 1.90 0.00	22.36 1.36 0.00
HUDSON___115KV_TB 4 355613	22.12 1.01 0.00	20.92 0.90 0.00	18.91 0.80 0.00	18.11 0.76 0.00	18.59 0.77 0.00	19.94 0.79 0.00	21.44 0.86 0.00	23.22 1.06 0.00	24.61 1.10 0.00	25.52 1.01 0.00	26.06 1.00 0.01	27.72 1.22 0.08	28.94 1.38 0.09	30.23 1.38 0.00	31.13 1.48 0.00	30.85 1.38 0.00	33.15 1.52 0.00	34.99 1.70 0.00	33.33 1.65 0.00	31.76 1.60 0.00	29.72 1.47 0.00	26.58 1.36 0.00	24.08 1.19 0.00	21.92 0.92 0.00
HUNTER MOUNT___DRP 323613	22.25 1.14 0.00	21.02 1.00 0.00	19.00 0.89 0.00	18.18 0.83 0.00	18.66 0.84 0.00	20.00 0.84 0.00	21.51 0.93 0.00	23.24 1.09 0.00	24.61 1.10 0.00	25.49 0.98 0.00	26.01 0.95 0.01	27.80 1.28 0.05	29.02 1.44 0.06	30.18 1.33 0.00	31.10 1.45 0.00	30.85 1.38 0.00	33.18 1.55 0.00	35.02 1.73 0.00	33.39 1.71 0.00	31.85 1.69 0.00	29.80 1.55 0.00	26.71 1.49 0.00	24.17 1.28 0.00	22.01 1.01 0.00
HUNTINGTON_RES_REC 323705	38.10 2.17 -14.81	30.24 2.02 -8.20	27.66 1.85 -7.70	24.24 1.75 -5.14	24.85 1.76 -5.26	27.59 1.92 -6.51	27.32 2.14 -4.60	31.20 2.77 -6.27	34.18 2.89 -7.79	45.06 2.99 -17.56	43.93 2.66 -16.21	46.48 2.90 -17.01	48.99 3.01 -18.33	52.19 3.12 -20.22	73.17 3.23 -40.29	60.41 3.15 -27.79	72.59 3.51 -37.45	100.75 3.60 -63.87	69.22 3.39 -34.15	48.40 3.14 -15.11	59.26 2.94 -28.08	54.24 2.67 -26.34	47.13 2.70 -21.54	31.60 2.20 -8.40
HUNTLEY___63 23557	21.95 0.84 0.00	20.44 0.42 0.00	18.35 0.24 0.00	17.64 0.29 0.00	18.11 0.29 0.00	19.41 0.25 0.00	20.79 0.21 0.00	22.20 0.04 0.00	23.64 0.14 0.00	24.76 0.25 0.00	25.64 0.58 0.00	27.02 0.45 0.00	27.86 0.22 0.00	29.05 0.20 0.00	29.85 0.21 0.00	30.29 0.82 0.00	31.69 0.06 0.00	33.12 -0.17 0.00	31.55 -0.13 0.00	30.19 0.03 0.00	28.36 0.11 0.00	25.52 0.30 0.00	23.03 0.14 0.00	21.63 0.63 0.00
HUNTLEY___64 23558	21.95 0.84 0.00	20.44 0.42 0.00	18.35 0.24 0.00	17.64 0.29 0.00	18.11 0.29 0.00	19.41 0.25 0.00	20.79 0.21 0.00	22.20 0.04 0.00	23.64 0.14 0.00	24.76 0.25 0.00	25.64 0.58 0.00	27.02 0.45 0.00	27.86 0.22 0.00	29.05 0.20 0.00	29.85 0.21 0.00	30.29 0.82 0.00	31.69 0.06 0.00	33.12 -0.17 0.00	31.55 -0.13 0.00	30.19 0.03 0.00	28.36 0.11 0.00	25.52 0.30 0.00	23.03 0.14 0.00	21.63 0.63 0.00
HUNTLEY___65 23559	21.95 0.84 0.00	20.44 0.42 0.00	18.35 0.24 0.00	17.64 0.29 0.00	18.11 0.29 0.00	19.41 0.25 0.00	20.79 0.21 0.00	22.20 0.04 0.00	23.64 0.14 0.00	24.76 0.25 0.00	25.64 0.58 0.00	27.02 0.45 0.00	27.86 0.22 0.00	29.05 0.20 0.00	29.85 0.21 0.00	30.29 0.82 0.00	31.69 0.06 0.00	33.12 -0.17 0.00	31.55 -0.13 0.00	30.19 0.03 0.00	28.36 0.11 0.00	25.52 0.30 0.00	23.03 0.14 0.00	21.63 0.63 0.00
HUNTLEY___66 23560	21.95 0.84 0.00	20.44 0.42 0.00	18.35 0.24 0.00	17.64 0.29 0.00	18.11 0.29 0.00	19.41 0.25 0.00	20.79 0.21 0.00	22.20 0.04 0.00	23.64 0.14 0.00	24.76 0.25 0.00	25.64 0.58 0.00	27.02 0.45 0.00	27.86 0.22 0.00	29.05 0.20 0.00	29.85 0.21 0.00	30.29 0.82 0.00	31.69 0.06 0.00	33.12 -0.17 0.00	31.55 -0.13 0.00	30.19 0.03 0.00	28.36 0.11 0.00	25.52 0.30 0.00	23.03 0.14 0.00	21.63 0.63 0.00
HUNTLEY___67 23561	21.83 0.72 0.00	20.32 0.30 0.00	18.25 0.14 0.00	17.54 0.19 0.00	18.02 0.20 0.00	19.31 0.15 0.00	20.66 0.08 0.00	22.07 -0.09 0.00	23.45 -0.05 0.00	24.59 0.07 0.00	25.42 0.35 0.00	26.81 0.24 0.00	27.64 0.00 0.00	28.85 0.00 0.00	29.65 0.00 0.00	30.02 0.56 0.00	31.44 -0.19 0.00	32.89 -0.40 0.00	31.36 -0.32 0.00	29.98 -0.18 0.00	28.19 -0.06 0.00	25.37 0.15 0.00	22.91 0.02 0.00	21.50 0.50 0.00
HUNTLEY___68 23562	21.83 0.72 0.00	20.32 0.30 0.00	18.25 0.14 0.00	17.54 0.19 0.00	18.02 0.20 0.00	19.31 0.15 0.00	20.66 0.08 0.00	22.07 -0.09 0.00	23.45 -0.05 0.00	24.59 0.07 0.00	25.42 0.35 0.00	26.81 0.24 0.00	27.64 0.00 0.00	28.85 0.00 0.00	29.65 0.00 0.00	30.02 0.56 0.00	31.44 -0.19 0.00	32.89 -0.40 0.00	31.36 -0.32 0.00	29.98 -0.18 0.00	28.19 -0.06 0.00	25.37 0.15 0.00	22.91 0.02 0.00	21.50 0.50 0.00
HYLAND___LFGE 323620	22.78 1.67 0.00	21.24 1.22 0.00	19.14 1.03 0.00	18.28 0.94 0.00	18.79 0.96 0.00	20.25 1.09 0.00	21.65 1.07 0.00	23.04 0.89 0.00	24.23 0.73 0.00	25.13 0.61 0.00	25.79 0.73 0.00	27.16 0.58 0.00	28.20 0.55 0.00	29.37 0.52 0.00	30.12 0.47 0.00	30.85 1.39 0.00	32.64 1.01 0.00	34.32 1.03 0.00	32.76 1.08 0.00	31.69 1.54 0.00	29.91 1.67 0.00	26.84 1.62 0.00	24.29 1.40 0.00	22.58 1.58 0.00
INDECK___CORINTH 23802	22.10 0.99 0.00	20.88 0.86 0.00	18.84 0.73 0.00	18.04 0.69 0.00	18.52 0.69 0.00	19.98 0.82 0.00	21.49 0.90 0.00	23.31 1.15 0.00	24.82 1.32 0.00	25.74 1.23 0.00	26.10 1.05 0.02	27.49 1.04 0.12	28.76 1.25 0.13	30.18 1.33 0.00	31.13 1.48 0.00	30.73 1.27 0.00	32.99 1.36 0.00	34.79 1.50 0.00	33.36 1.68 0.00	31.75 1.60 0.00	29.77 1.52 0.00	26.68 1.46 0.00	24.26 1.37 0.00	22.05 1.05 0.00
INDECK___ILION 23567	21.34 0.23 0.00	20.22 0.20 0.00	18.27 0.16 0.00	17.50 0.16 0.00	17.98 0.16 0.00	19.35 0.19 0.00	20.79 0.21 0.00	22.40 0.24 0.00	23.76 0.26 0.00	24.76 0.25 0.00	25.42 0.35 0.00	26.97 0.40 0.00	28.03 0.39 0.00	29.28 0.43 0.00	30.06 0.42 0.00	29.73 0.27 0.00	31.91 0.28 0.00	33.62 0.33 0.00	32.03 0.35 0.00	30.49 0.33 0.00	28.56 0.31 0.00	25.50 0.28 0.00	23.10 0.21 0.00	21.17 0.17 0.00
INDECK___OLEAN 23982	22.04 0.93 0.00	20.54 0.52 0.00	18.54 0.43 0.00	17.73 0.38 0.00	18.18 0.36 0.00	19.50 0.35 0.00	20.95 0.37 0.00	22.44 0.29 0.00	23.90 0.40 0.00	25.00 0.49 0.00	25.79 0.73 0.00	27.21 0.64 0.00	28.08 0.44 0.00	29.48 0.63 0.00	30.27 0.62 0.00	30.56 1.09 0.00	32.10 0.48 0.00	33.65 0.37 0.00	32.12 0.44 0.00	30.58 0.42 0.00	28.76 0.51 0.00	25.90 0.68 0.00	23.37 0.48 0.00	21.80 0.80 0.00
INDECK___OSWEGO 23783	20.90 -0.21 0.00	19.74 -0.28 0.00	17.86 -0.25 0.00	17.09 -0.26 0.00	17.57 -0.25 0.00	18.87 -0.29 0.00	20.29 -0.29 0.00	21.80 -0.36 0.00	23.13 -0.38 0.00	24.12 -0.39 0.00	24.74 -0.33 0.00	26.20 -0.37 0.00	27.23 -0.41 0.00	28.42 -0.43 0.00	29.17 -0.48 0.00	29.02 -0.44 0.00	31.06 -0.57 0.00	32.72 -0.57 0.00	31.14 -0.54 0.00	29.67 -0.48 0.00	27.79 -0.45 0.00	24.82 -0.40 0.00	22.52 -0.37 0.00	20.79 -0.21 0.00



INDECK___YERKES 23781	21.97 0.87 0.00	20.46 0.44 0.00	18.51 0.40 0.00	17.64 0.29 0.00	18.13 0.30 0.00	19.43 0.27 0.00	20.81 0.23 0.00	22.22 0.07 0.00	23.67 0.17 0.00	24.78 0.27 0.00	25.67 0.60 0.00	27.08 0.50 0.00	27.92 0.28 0.00	29.20 0.35 0.00	29.86 0.21 0.00	30.17 0.71 0.00	31.63 0.00 0.00	33.16 -0.13 0.00	31.58 -0.09 0.00	30.19 0.03 0.00	28.39 0.14 0.00	25.55 0.33 0.00	23.07 0.18 0.00	21.65 0.65 0.00
INDIAN POINT_GT_1 24139	22.31 1.20 0.00	21.08 1.06 0.00	19.09 0.98 0.00	18.27 0.92 0.00	18.77 0.94 0.00	20.19 1.03 0.00	21.75 1.17 0.00	23.79 1.64 0.00	25.19 1.69 0.00	26.28 1.76 0.00	26.74 1.65 -0.02	28.50 1.83 -0.10	29.69 1.94 -0.11	30.93 2.08 0.00	31.75 2.10 0.00	31.41 1.94 0.00	33.84 2.21 0.00	35.52 2.23 0.00	33.74 2.06 0.00	32.06 1.90 0.00	30.06 1.81 0.00	26.83 1.61 0.00	24.47 1.58 0.00	22.18 1.18 0.00
INDIAN POINT_GT_2 23659	22.31 1.20 0.00	21.08 1.06 0.00	19.09 0.98 0.00	18.27 0.92 0.00	18.77 0.94 0.00	20.19 1.03 0.00	21.75 1.17 0.00	23.79 1.64 0.00	25.19 1.69 0.00	26.28 1.76 0.00	26.74 1.65 -0.02	28.50 1.83 -0.10	29.69 1.94 -0.11	30.93 2.08 0.00	31.75 2.10 0.00	31.41 1.94 0.00	33.84 2.21 0.00	35.52 2.23 0.00	33.74 2.06 0.00	32.06 1.90 0.00	30.06 1.81 0.00	26.83 1.61 0.00	24.47 1.58 0.00	22.18 1.18 0.00
INDIAN POINT_GT_3 24019	22.31 1.20 0.00	21.08 1.06 0.00	19.09 0.98 0.00	18.27 0.92 0.00	18.77 0.94 0.00	20.19 1.03 0.00	21.75 1.17 0.00	23.79 1.64 0.00	25.19 1.69 0.00	26.28 1.76 0.00	26.74 1.65 -0.02	28.50 1.83 -0.10	29.69 1.94 -0.11	30.93 2.08 0.00	31.75 2.10 0.00	31.41 1.94 0.00	33.84 2.21 0.00	35.52 2.23 0.00	33.74 2.06 0.00	32.06 1.90 0.00	30.06 1.81 0.00	26.83 1.61 0.00	24.47 1.58 0.00	22.18 1.18 0.00
INDIAN POINT___2 23530	22.31 1.20 0.00	21.06 1.04 0.00	19.05 0.94 0.00	18.25 0.90 0.00	18.75 0.93 0.00	20.15 1.00 0.00	21.71 1.13 0.00	23.75 1.60 0.00	25.15 1.64 0.00	26.20 1.69 0.00	26.69 1.61 -0.01	28.45 1.78 -0.09	29.60 1.85 -0.11	30.81 1.96 0.00	31.66 2.02 0.00	31.41 1.94 0.00	33.81 2.18 0.00	35.48 2.20 0.00	33.68 2.00 0.00	32.00 1.84 0.00	29.97 1.72 0.00	26.81 1.59 0.00	24.45 1.56 0.00	22.15 1.15 0.00
INDIAN POINT___3 23531	22.31 1.20 0.00	21.08 1.06 0.00	19.07 0.96 0.00	18.27 0.92 0.00	18.75 0.93 0.00	20.17 1.02 0.00	21.73 1.15 0.00	23.75 1.60 0.00	25.15 1.65 0.00	26.20 1.69 0.00	26.66 1.58 -0.02	28.42 1.75 -0.10	29.61 1.85 -0.11	30.84 1.99 0.00	31.66 2.02 0.00	31.35 1.89 0.00	33.78 2.15 0.00	35.45 2.16 0.00	33.67 2.00 0.00	32.00 1.84 0.00	29.97 1.72 0.00	26.81 1.59 0.00	24.45 1.56 0.00	22.15 1.15 0.00
INGHAM_C_115KV_TB7 356103	21.49 0.38 0.00	20.38 0.36 0.00	18.42 0.31 0.00	17.64 0.29 0.00	18.14 0.32 0.00	19.50 0.34 0.00	20.95 0.37 0.00	22.55 0.40 0.00	23.95 0.45 0.00	24.90 0.39 0.00	25.67 0.60 0.00	27.21 0.64 0.00	28.28 0.64 0.00	29.54 0.69 0.00	30.30 0.65 0.00	29.88 0.41 0.00	32.07 0.44 0.00	33.79 0.50 0.00	32.22 0.54 0.00	30.67 0.51 0.00	28.67 0.42 0.00	25.62 0.40 0.00	23.19 0.30 0.00	21.23 0.23 0.00
IP CORINTH___1 23988	22.21 1.10 0.00	20.98 0.96 0.00	18.94 0.83 0.00	18.14 0.80 0.00	18.61 0.78 0.00	20.10 0.94 0.00	21.59 1.01 0.00	23.44 1.28 0.00	24.94 1.43 0.00	25.88 1.37 0.00	26.25 1.20 0.02	27.65 1.20 0.12	28.92 1.41 0.13	30.38 1.53 0.00	31.28 1.63 0.00	30.91 1.44 0.00	33.15 1.52 0.00	34.95 1.66 0.00	33.52 1.84 0.00	31.91 1.75 0.00	29.94 1.69 0.00	26.83 1.61 0.00	24.38 1.49 0.00	22.18 1.18 0.00
IP___TICONDEROGA 23804	23.47 2.36 0.00	22.12 2.10 0.00	19.94 1.83 0.00	19.10 1.75 0.00	19.59 1.76 0.00	21.21 2.05 0.00	22.80 2.22 0.00	24.81 2.66 0.00	26.53 3.03 0.00	27.48 2.97 0.00	28.13 3.08 0.02	29.72 3.27 0.12	30.99 3.48 0.13	32.54 3.69 0.00	33.56 3.91 0.00	32.85 3.39 0.00	35.17 3.54 0.00	37.02 3.73 0.00	35.42 3.74 0.00	33.69 3.53 0.00	31.78 3.53 0.00	28.50 3.28 0.00	25.78 2.88 0.00	23.39 2.39 0.00
ISLIP_RES_REC 323679	37.38 2.60 -13.68	30.58 2.36 -8.20	27.92 2.12 -7.70	24.48 1.99 -5.14	25.13 2.05 -5.26	27.89 2.22 -6.51	27.67 2.49 -4.60	31.64 3.21 -6.27	34.69 3.39 -7.81	39.74 3.53 -11.70	40.72 3.26 -12.39	41.11 3.53 -11.00	47.86 3.68 -16.54	47.88 3.81 -15.22	56.94 3.94 -23.35	52.24 3.86 -18.92	56.82 4.24 -20.95	67.23 4.33 -29.62	64.75 4.06 -19.02	45.38 3.86 -11.36	49.12 3.62 -17.26	44.19 3.28 -15.69	39.26 3.20 -13.17	33.48 2.65 -9.84
JAMAICA__27_KV_LOAD 355505	22.69 1.58 0.00	21.38 1.36 0.00	19.36 1.25 0.00	18.51 1.16 0.00	19.04 1.21 0.00	20.50 1.34 0.00	22.14 1.56 0.00	24.44 2.28 0.00	25.85 2.35 0.00	27.00 2.48 -0.02	27.29 2.21 -0.02	29.09 2.42 -0.10	30.22 2.46 -0.11	31.45 2.60 0.00	32.23 2.58 0.00	31.94 2.47 0.00	34.48 2.85 0.00	36.15 2.86 0.00	34.31 2.63 0.00	32.54 2.38 0.00	30.56 2.32 0.00	27.29 2.07 0.00	25.07 2.17 0.00	22.57 1.57 0.00
JANIS___SOLAR 323808	22.27 1.16 0.00	20.98 0.96 0.00	18.91 0.80 0.00	18.09 0.75 0.00	18.59 0.77 0.00	20.08 0.92 0.00	21.67 1.09 0.00	23.33 1.17 0.00	24.65 1.15 0.00	25.66 1.15 0.00	26.35 1.28 0.00	27.90 1.33 0.00	28.97 1.33 0.00	30.29 1.44 0.00	30.98 1.34 0.00	30.91 1.44 0.00	33.02 1.39 0.00	34.95 1.66 0.00	33.48 1.80 0.00	31.97 1.81 0.00	30.00 1.75 0.00	26.71 1.49 0.00	24.10 1.21 0.00	22.15 1.15 0.00
JARVIS____ 23743	21.19 0.08 0.00	20.08 0.06 0.00	18.15 0.04 0.00	17.38 0.03 0.00	17.86 0.04 0.00	19.20 0.04 0.00	20.64 0.06 0.00	22.22 0.07 0.00	23.57 0.07 0.00	24.59 0.07 0.00	25.17 0.10 0.00	26.68 0.11 0.00	27.75 0.11 0.00	28.99 0.14 0.00	29.74 0.09 0.00	29.55 0.09 0.00	31.72 0.10 0.00	33.39 0.10 0.00	31.77 0.10 0.00	30.28 0.12 0.00	28.36 0.11 0.00	25.32 0.10 0.00	22.98 0.09 0.00	21.08 0.08 0.00
JENNISON___1 23625	22.40 1.29 0.00	21.10 1.08 0.00	18.98 0.87 0.00	18.20 0.85 0.00	18.68 0.86 0.00	20.15 1.00 0.00	21.75 1.17 0.00	23.53 1.37 0.00	24.96 1.46 0.00	26.01 1.50 0.00	26.75 1.68 0.00	28.38 1.81 0.00	29.47 1.82 0.00	30.78 1.93 0.00	31.54 1.90 0.00	31.32 1.86 0.00	33.43 1.80 0.00	35.28 2.00 0.00	33.74 2.06 0.00	32.18 2.02 0.00	30.17 1.92 0.00	26.88 1.66 0.00	24.26 1.37 0.00	22.26 1.26 0.00
JENNISON___2 23626	22.40 1.29 0.00	21.10 1.08 0.00	18.98 0.87 0.00	18.20 0.85 0.00	18.68 0.86 0.00	20.15 1.00 0.00	21.75 1.17 0.00	23.53 1.37 0.00	24.96 1.46 0.00	26.01 1.50 0.00	26.75 1.68 0.00	28.38 1.81 0.00	29.47 1.82 0.00	30.78 1.93 0.00	31.54 1.90 0.00	31.32 1.86 0.00	33.43 1.80 0.00	35.28 2.00 0.00	33.74 2.06 0.00	32.18 2.02 0.00	30.17 1.92 0.00	26.88 1.66 0.00	24.26 1.37 0.00	22.26 1.26 0.00

JERICO_RISE_WT_PWR 323719	20.20 -0.91 0.00	19.30 -0.72 0.00	17.44 -0.67 0.00	16.74 -0.61 0.00	17.29 -0.53 0.00	18.60 -0.56 0.00	19.98 -0.60 0.00	21.27 -0.89 0.00	22.77 -0.73 0.00	23.95 -0.56 0.00	24.44 -0.63 0.00	25.86 -0.72 0.00	26.84 -0.80 0.00	27.72 -1.13 0.00	28.61 -1.04 0.00	28.61 -0.86 0.00	31.22 -0.41 0.00	32.89 -0.40 0.00	31.36 -0.32 0.00	29.86 -0.30 0.00	27.85 -0.40 0.00	24.72 -0.50 0.00	22.32 -0.57 0.00	20.39 -0.61 0.00
KATONAH__115KV_46KV_TB4 355592	22.40 1.29 0.00	21.16 1.14 0.00	19.18 1.07 0.00	18.35 1.01 0.00	18.86 1.03 0.00	20.33 1.17 0.00	21.88 1.30 0.00	23.97 1.82 0.00	25.41 1.90 0.00	26.50 1.99 0.00	26.96 1.88 -0.02	28.88 2.21 -0.10	30.10 2.35 -0.11	31.30 2.45 0.00	32.14 2.49 0.00	31.67 2.21 0.00	34.13 2.50 0.00	35.82 2.53 0.00	33.99 2.31 0.00	32.36 2.20 0.00	30.37 2.12 0.00	26.98 1.77 0.00	24.59 1.69 0.00	22.24 1.24 0.00
KCE_NY_1 323755	22.35 1.25 0.00	21.14 1.12 0.00	19.09 0.98 0.00	18.28 0.94 0.00	18.77 0.94 0.00	20.23 1.07 0.00	21.73 1.15 0.00	23.55 1.40 0.00	25.03 1.53 0.00	25.98 1.47 0.00	26.48 1.43 0.02	27.99 1.54 0.12	29.25 1.74 0.14	30.70 1.85 0.00	31.60 1.96 0.00	31.29 1.83 0.00	33.59 1.96 0.00	35.42 2.13 0.00	33.77 2.09 0.00	32.15 1.99 0.00	30.11 1.86 0.00	26.91 1.69 0.00	24.43 1.53 0.00	22.26 1.26 0.00
KCE_NY_6_ESR 323823	22.12 1.01 0.00	20.58 0.56 0.00	18.62 0.51 0.00	17.76 0.42 0.00	18.23 0.41 0.00	19.56 0.40 0.00	20.95 0.37 0.00	22.40 0.24 0.00	23.86 0.35 0.00	24.98 0.46 0.00	25.87 0.80 0.00	27.29 0.72 0.00	28.17 0.52 0.00	29.46 0.61 0.00	30.12 0.47 0.00	30.44 0.97 0.00	31.91 0.28 0.00	33.45 0.17 0.00	31.90 0.22 0.00	30.46 0.30 0.00	28.64 0.40 0.00	25.77 0.55 0.00	23.28 0.39 0.00	21.82 0.82 0.00
KEDC_PORT_JEFF_GT2 24210	37.27 2.32 -13.84	30.34 2.12 -8.20	27.72 1.92 -7.70	24.29 1.80 -5.14	24.94 1.85 -5.26	27.68 2.01 -6.51	27.44 2.26 -4.60	31.35 2.92 -6.27	34.39 3.08 -7.81	40.25 3.19 -12.55	40.87 2.86 -12.95	41.53 3.08 -11.87	47.56 3.12 -16.80	47.94 3.15 -15.95	58.71 3.26 -25.80	52.82 3.15 -20.20	58.48 3.51 -23.34	71.47 3.60 -34.58	56.25 3.36 -21.21	45.23 3.17 -11.91	50.04 2.97 -18.83	45.23 2.77 -17.24	40.18 2.91 -14.38	33.44 2.41 -10.03
KEDC_PORT_JEFF_GT3 24211	37.27 2.32 -13.84	30.34 2.12 -8.20	27.72 1.92 -7.70	24.29 1.80 -5.14	24.94 1.85 -5.26	27.68 2.01 -6.51	27.44 2.26 -4.60	31.35 2.92 -6.27	34.39 3.08 -7.81	40.25 3.19 -12.55	40.87 2.86 -12.95	41.53 3.08 -11.87	47.56 3.12 -16.80	47.94 3.15 -15.95	58.71 3.26 -25.80	52.82 3.15 -20.20	58.48 3.51 -23.34	71.47 3.60 -34.58	56.25 3.36 -21.21	45.23 3.17 -11.91	50.04 2.97 -18.83	45.23 2.77 -17.24	40.18 2.91 -14.38	33.44 2.41 -10.03
KEDC_GLWD_GT4 24219	35.77 1.69 -12.97	29.72 1.50 -8.20	27.14 1.34 -7.69	23.78 1.30 -5.14	24.42 1.34 -5.26	27.11 1.44 -6.51	26.81 1.63 -4.60	30.60 2.17 -6.27	33.55 2.26 -7.79	34.89 2.35 -8.03	37.18 2.11 -10.01	36.15 2.34 -7.24	45.50 2.43 -15.42	43.51 2.57 -12.09	44.98 2.61 -12.73	45.36 2.53 -13.36	45.05 2.81 -10.60	44.26 2.83 -8.14	43.81 2.60 -9.53	41.59 2.41 -9.02	40.99 2.26 -10.48	36.28 2.04 -9.02	32.78 1.97 -7.92	31.69 1.66 -9.03
KEDC_GLWD_GT5 24220	35.77 1.69 -12.97	29.72 1.50 -8.20	27.14 1.34 -7.69	23.78 1.30 -5.14	24.42 1.34 -5.26	27.11 1.44 -6.51	26.81 1.63 -4.60	30.60 2.17 -6.27	33.55 2.26 -7.79	34.89 2.35 -8.03	37.18 2.11 -10.01	36.15 2.34 -7.24	45.50 2.43 -15.42	43.51 2.57 -12.09	44.98 2.61 -12.73	45.36 2.53 -13.36	45.05 2.81 -10.60	44.26 2.83 -8.14	43.81 2.60 -9.53	41.59 2.41 -9.02	40.99 2.26 -10.48	36.28 2.04 -9.02	32.78 1.97 -7.92	31.69 1.66 -9.03
KENSICO____ 23655	22.42 1.31 0.00	21.16 1.14 0.00	19.16 1.05 0.00	18.34 0.99 0.00	18.84 1.02 0.00	20.27 1.11 0.00	21.84 1.26 0.00	23.91 1.75 0.00	25.31 1.81 0.00	26.40 1.89 0.00	26.86 1.78 -0.02	28.64 1.97 -0.10	29.83 2.07 -0.11	31.04 2.19 0.00	31.87 2.22 0.00	31.56 2.09 0.00	34.00 2.37 0.00	35.68 2.40 0.00	33.86 2.19 0.00	32.18 2.02 0.00	30.17 1.92 0.00	26.93 1.71 0.00	24.59 1.69 0.00	22.26 1.26 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	22.42 1.31 0.00	21.12 1.10 0.00	19.09 0.98 0.00	18.27 0.92 0.00	18.77 0.94 0.00	20.12 0.96 0.00	21.69 1.11 0.00	23.64 1.48 0.00	24.94 1.43 0.00	25.98 1.47 0.00	26.23 1.15 -0.01	27.98 1.36 -0.05	29.11 1.41 -0.05	30.35 1.50 0.00	31.19 1.54 0.00	30.97 1.50 0.00	33.37 1.74 0.00	35.05 1.76 0.00	33.29 1.62 0.00	31.70 1.54 0.00	29.66 1.41 0.00	26.61 1.39 0.00	24.43 1.53 0.00	22.20 1.20 0.00
KIAC_JFK_GT1 23816	22.59 1.48 0.00	21.28 1.26 0.00	19.27 1.16 0.00	18.42 1.08 0.00	18.95 1.12 0.00	20.40 1.25 0.00	22.04 1.46 0.00	24.33 2.17 0.00	25.73 2.23 0.00	26.91 2.38 -0.02	27.11 2.03 -0.02	28.93 2.26 -0.10	29.94 2.18 -0.11	31.16 2.31 0.00	31.93 2.28 0.00	31.67 2.21 0.00	34.22 2.59 0.00	35.85 2.56 0.00	34.02 2.34 0.00	32.27 2.11 0.00	30.39 2.15 0.00	27.14 1.92 0.00	24.93 2.04 0.00	22.45 1.45 0.00
KIAC_JFK_GT2 23817	22.59 1.48 0.00	21.28 1.26 0.00	19.27 1.16 0.00	18.42 1.08 0.00	18.95 1.12 0.00	20.40 1.25 0.00	22.04 1.46 0.00	24.33 2.17 0.00	25.73 2.23 0.00	26.91 2.38 -0.02	27.11 2.03 -0.02	28.93 2.26 -0.10	29.94 2.18 -0.11	31.16 2.31 0.00	31.93 2.28 0.00	31.67 2.21 0.00	34.22 2.59 0.00	35.85 2.56 0.00	34.02 2.34 0.00	32.27 2.11 0.00	30.39 2.15 0.00	27.14 1.92 0.00	24.93 2.04 0.00	22.45 1.45 0.00
KIAC_JFK____ 323774	22.59 1.48 0.00	21.28 1.26 0.00	19.23 1.12 0.00	18.42 1.08 0.00	18.95 1.12 0.00	20.40 1.24 0.00	22.04 1.46 0.00	24.33 2.17 0.00	25.74 2.23 0.00	26.91 2.38 -0.02	27.11 2.03 -0.02	28.93 2.26 -0.10	29.94 2.18 -0.11	31.13 2.28 0.00	32.02 2.37 0.00	31.73 2.27 0.00	34.25 2.62 0.00	35.89 2.60 0.00	34.02 2.34 0.00	32.27 2.11 0.00	30.22 1.98 0.00	27.14 1.92 0.00	24.93 2.04 0.00	22.45 1.45 0.00
KINTIGH____ 23543	21.53 0.42 0.00	20.12 0.10 0.00	18.07 -0.04 0.00	17.36 0.02 0.00	17.82 0.00 0.00	19.12 -0.04 0.00	20.50 -0.08 0.00	21.89 -0.27 0.00	23.27 -0.24 0.00	24.37 -0.15 0.00	25.14 0.08 0.00	26.52 -0.05 0.00	27.37 -0.28 0.00	28.56 -0.29 0.00	29.35 -0.30 0.00	29.64 0.18 0.00	31.15 -0.47 0.00	32.66 -0.63 0.00	31.14 -0.54 0.00	29.77 -0.39 0.00	27.94 -0.31 0.00	25.12 -0.10 0.00	22.71 -0.18 0.00	21.27 0.27 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	20.45 -0.65 0.00	19.50 -0.52 0.00	17.60 -0.51 0.00	16.90 -0.45 0.00	17.47 -0.36 0.00	18.77 -0.38 0.00	20.19 -0.39 0.00	21.42 -0.73 0.00	22.94 -0.56 0.00	24.14 -0.37 0.00	24.64 -0.43 0.00	26.07 -0.50 0.00	27.06 -0.58 0.00	27.87 -0.98 0.00	28.67 -0.98 0.00	28.79 -0.68 0.00	31.57 -0.06 0.00	33.32 0.03 0.00	31.77 0.10 0.00	30.22 0.06 0.00	28.19 -0.06 0.00	24.99 -0.23 0.00	22.55 -0.34 0.00	20.60 -0.40 0.00

LACHUTE____HYDRO 323717	23.47 2.36 0.00	22.12 2.10 0.00	19.94 1.83 0.00	19.10 1.75 0.00	19.59 1.76 0.00	21.21 2.05 0.00	22.80 2.22 0.00	24.81 2.66 0.00	26.53 3.03 0.00	27.48 2.96 0.00	28.13 3.08 0.02	29.72 3.27 0.12	30.99 3.48 0.13	32.54 3.69 0.00	33.50 3.85 0.00	32.88 3.42 0.00	35.17 3.54 0.00	37.02 3.73 0.00	35.42 3.74 0.00	33.71 3.56 0.00	31.78 3.53 0.00	28.50 3.28 0.00	25.78 2.88 0.00	23.39 2.39 0.00
LAWRNCAV_115KV_TB1 80681	20.01 -1.10 0.00	19.10 -0.92 0.00	17.37 -0.74 0.00	16.62 -0.73 0.00	17.11 -0.71 0.00	18.39 -0.77 0.00	19.61 -0.97 0.00	21.03 -1.13 0.00	22.35 -1.15 0.00	23.36 -1.15 0.00	23.94 -1.13 0.00	25.38 -1.20 0.00	26.40 -1.24 0.00	27.44 -1.41 0.00	28.16 -1.48 0.00	27.90 -1.56 0.00	30.11 -1.52 0.00	31.76 -1.53 0.00	30.28 -1.39 0.00	28.86 -1.30 0.00	27.00 -1.24 0.00	24.01 -1.21 0.00	21.70 -1.19 0.00	19.89 -1.11 0.00
LEDERLE____ 23769	22.38 1.27 0.00	21.12 1.10 0.00	19.11 1.00 0.00	18.30 0.95 0.00	18.79 0.96 0.00	20.19 1.03 0.00	21.75 1.17 0.00	23.77 1.62 0.00	25.15 1.65 0.00	26.23 1.72 0.00	26.71 1.63 -0.01	28.44 1.78 -0.09	29.62 1.88 -0.10	30.87 2.02 0.00	31.72 2.08 0.00	31.41 1.94 0.00	33.84 2.21 0.00	35.52 2.23 0.00	33.74 2.06 0.00	32.03 1.87 0.00	30.03 1.78 0.00	26.88 1.66 0.00	24.49 1.60 0.00	22.20 1.20 0.00
LIGHTHSE_115KV_TB6 355974	21.00 -0.11 0.00	19.84 -0.18 0.00	17.91 -0.20 0.00	17.17 -0.17 0.00	17.65 -0.18 0.00	18.99 -0.17 0.00	20.42 -0.16 0.00	21.96 -0.20 0.00	23.27 -0.24 0.00	24.29 -0.22 0.00	24.92 -0.15 0.00	26.39 -0.19 0.00	27.42 -0.22 0.00	28.50 -0.35 0.00	29.32 -0.33 0.00	29.11 -0.35 0.00	31.19 -0.44 0.00	32.92 -0.37 0.00	31.39 -0.29 0.00	29.95 -0.21 0.00	28.08 -0.17 0.00	25.04 -0.18 0.00	22.64 -0.25 0.00	20.98 -0.02 0.00
LINDEN COGEN____ 23786	22.37 1.27 0.00	21.10 1.08 0.00	19.07 0.96 0.00	18.28 0.94 0.00	18.79 0.96 0.00	20.21 1.05 0.00	21.82 1.23 0.00	23.99 1.84 0.00	25.40 1.90 0.00	26.52 2.01 0.00	26.96 1.88 -0.02	28.77 2.10 -0.10	29.91 2.16 -0.11	31.04 2.19 0.00	31.87 2.22 0.00	31.59 2.12 0.00	34.03 2.40 0.00	35.65 2.36 0.00	33.83 2.16 0.00	32.09 1.93 0.00	30.14 1.89 0.00	26.96 1.74 0.00	24.65 1.76 0.00	22.24 1.24 0.00
LINDHRST_69_KV_BK1 356055	36.36 2.22 -13.03	30.20 1.98 -8.20	27.62 1.81 -7.70	24.20 1.72 -5.14	24.83 1.75 -5.26	27.57 1.90 -6.51	27.30 2.12 -4.60	31.19 2.77 -6.27	34.19 2.89 -7.80	35.86 2.99 -8.36	38.15 2.86 -10.22	37.24 3.08 -7.58	46.37 3.21 -15.52	44.54 3.32 -12.38	46.72 3.38 -13.69	46.57 3.24 -13.86	46.77 3.61 -11.54	47.07 3.69 -10.08	45.56 3.48 -10.39	42.62 3.23 -9.23	42.22 3.14 -10.84	37.72 2.88 -9.62	34.08 2.79 -8.40	32.31 2.20 -9.10
LIPA_MISC_IPP 23656	37.20 2.39 -13.71	30.40 2.18 -8.20	27.80 1.99 -7.70	24.34 1.86 -5.14	24.99 1.91 -5.26	27.74 2.07 -6.51	27.49 2.31 -4.60	31.42 2.99 -6.27	34.43 3.13 -7.80	39.63 3.26 -11.86	40.60 3.03 -12.50	41.01 3.27 -11.17	47.66 3.43 -16.59	47.79 3.58 -15.36	57.11 3.65 -23.82	52.13 3.51 -19.16	56.92 3.89 -21.41	67.88 4.03 -30.57	54.92 3.80 -19.44	45.18 3.56 -11.47	46.38 3.39 -14.74	44.26 3.05 -15.99	39.29 3.00 -13.40	33.33 2.46 -9.87
LISF____SOLAR 323691	37.25 2.43 -13.72	30.44 2.22 -8.20	27.80 1.99 -7.70	24.36 1.87 -5.14	25.01 1.93 -5.26	27.78 2.11 -6.51	27.53 2.35 -4.60	31.46 3.04 -6.27	34.48 3.17 -7.80	39.73 3.31 -11.91	40.70 3.11 -12.53	41.13 3.35 -11.21	47.73 3.48 -16.60	47.88 3.64 -15.40	57.30 3.71 -23.95	52.29 3.59 -19.23	57.15 3.99 -21.53	68.22 4.09 -30.83	55.10 3.86 -19.55	45.33 3.68 -11.50	49.34 3.44 -17.64	44.42 3.13 -16.07	39.40 3.04 -13.46	33.38 2.50 -9.88
LITTLE FALLS____HYD 24013	21.49 0.38 0.00	20.38 0.36 0.00	18.42 0.31 0.00	17.64 0.29 0.00	18.14 0.32 0.00	19.50 0.34 0.00	20.95 0.37 0.00	22.55 0.40 0.00	23.95 0.45 0.00	24.90 0.39 0.00	25.67 0.60 0.00	27.21 0.64 0.00	28.28 0.64 0.00	29.54 0.69 0.00	30.30 0.65 0.00	29.88 0.41 0.00	32.07 0.44 0.00	33.79 0.50 0.00	32.22 0.54 0.00	30.67 0.51 0.00	28.67 0.42 0.00	25.62 0.40 0.00	23.19 0.30 0.00	21.23 0.23 0.00
LITTLRIV_115KV_TB1 356100	20.18 -0.93 0.00	19.28 -0.74 0.00	17.51 -0.60 0.00	16.74 -0.61 0.00	17.25 -0.57 0.00	18.54 -0.61 0.00	19.80 -0.78 0.00	21.22 -0.93 0.00	22.56 -0.94 0.00	23.58 -0.93 0.00	24.24 -0.83 0.00	25.70 -0.88 0.00	26.76 -0.88 0.00	27.81 -1.04 0.00	28.52 -1.13 0.00	28.14 -1.33 0.00	30.36 -1.27 0.00	32.02 -1.26 0.00	30.57 -1.11 0.00	29.13 -1.03 0.00	27.29 -0.96 0.00	24.26 -0.96 0.00	21.88 -1.01 0.00	20.03 -0.97 0.00
LI_NEWBRDGE____DRP 323616	35.75 1.67 -12.97	29.72 1.50 -8.20	27.18 1.38 -7.69	23.78 1.30 -5.14	24.42 1.34 -5.26	27.12 1.46 -6.51	26.80 1.63 -4.60	30.59 2.17 -6.27	33.53 2.23 -7.79	34.87 2.33 -8.03	37.23 2.16 -10.01	36.18 2.37 -7.24	45.52 2.46 -15.42	43.51 2.57 -12.09	44.98 2.61 -12.73	45.30 2.47 -13.36	45.05 2.81 -10.60	44.29 2.86 -8.14	43.87 2.66 -9.53	41.62 2.44 -9.02	41.04 2.32 -10.48	36.35 2.12 -9.02	32.97 2.15 -7.92	31.69 1.66 -9.03
LOCKPORT_115KV_TB60_63_64 80432	21.81 0.70 0.00	20.30 0.28 0.00	18.22 0.11 0.00	17.54 0.19 0.00	18.02 0.20 0.00	19.29 0.13 0.00	20.62 0.04 0.00	22.00 -0.16 0.00	23.43 -0.07 0.00	24.54 0.02 0.00	25.39 0.33 0.00	26.76 0.19 0.00	27.59 -0.06 0.00	28.76 -0.09 0.00	29.56 -0.09 0.00	29.94 0.47 0.00	31.34 -0.28 0.00	32.79 -0.50 0.00	31.27 -0.41 0.00	29.92 -0.24 0.00	28.11 -0.14 0.00	25.30 0.08 0.00	22.85 -0.05 0.00	21.46 0.46 0.00
LOCKPORT____CC1 323769	21.80 0.70 0.00	20.30 0.28 0.00	18.40 0.29 0.00	17.54 0.19 0.00	18.02 0.20 0.00	19.29 0.14 0.00	20.62 0.04 0.00	22.00 -0.15 0.00	23.41 -0.09 0.00	24.54 0.02 0.00	25.37 0.30 0.00	26.76 0.19 0.00	27.62 -0.03 0.00	28.85 0.00 0.00	29.50 -0.15 0.00	29.79 0.32 0.00	31.25 -0.38 0.00	32.75 -0.53 0.00	31.27 -0.41 0.00	29.89 -0.27 0.00	28.11 -0.14 0.00	25.30 0.08 0.00	22.87 -0.02 0.00	21.46 0.46 0.00
LOCKPORT____CC2 323770	21.80 0.70 0.00	20.30 0.28 0.00	18.40 0.29 0.00	17.54 0.19 0.00	18.02 0.20 0.00	19.29 0.14 0.00	20.62 0.04 0.00	22.00 -0.15 0.00	23.41 -0.09 0.00	24.54 0.02 0.00	25.37 0.30 0.00	26.76 0.19 0.00	27.62 -0.03 0.00	28.85 0.00 0.00	29.50 -0.15 0.00	29.79 0.32 0.00	31.25 -0.38 0.00	32.75 -0.53 0.00	31.27 -0.41 0.00	29.89 -0.27 0.00	28.11 -0.14 0.00	25.30 0.08 0.00	22.87 -0.02 0.00	21.46 0.46 0.00
LOCKPORT____CC3 323771	21.80 0.70 0.00	20.30 0.28 0.00	18.40 0.29 0.00	17.54 0.19 0.00	18.02 0.20 0.00	19.29 0.14 0.00	20.62 0.04 0.00	22.00 -0.15 0.00	23.41 -0.09 0.00	24.54 0.02 0.00	25.37 0.30 0.00	26.76 0.19 0.00	27.62 -0.03 0.00	28.85 0.00 0.00	29.50 -0.15 0.00	29.79 0.32 0.00	31.25 -0.38 0.00	32.75 -0.53 0.00	31.27 -0.41 0.00	29.89 -0.27 0.00	28.11 -0.14 0.00	25.30 0.08 0.00	22.87 -0.02 0.00	21.46 0.46 0.00

LONG_LAKE_PHOENIX 24014	20.96 -0.15 0.00	19.80 -0.22 0.00	17.89 -0.22 0.00	17.14 -0.21 0.00	17.61 -0.21 0.00	18.93 -0.23 0.00	20.35 -0.23 0.00	21.87 -0.29 0.00	23.20 -0.31 0.00	24.22 -0.29 0.00	24.84 -0.23 0.00	26.31 -0.27 0.00	27.34 -0.30 0.00	28.56 -0.29 0.00	29.35 -0.30 0.00	29.20 -0.27 0.00	31.22 -0.41 0.00	32.85 -0.43 0.00	31.27 -0.41 0.00	29.80 -0.36 0.00	27.91 -0.34 0.00	24.92 -0.30 0.00	22.59 -0.30 0.00	20.87 -0.13 0.00
LOVETT___3 23632	22.25 1.14 0.00	21.02 1.00 0.00	19.03 0.92 0.00	18.23 0.88 0.00	18.72 0.89 0.00	20.12 0.96 0.00	21.67 1.09 0.00	23.68 1.53 0.00	25.05 1.55 0.00	26.13 1.62 0.00	26.59 1.50 -0.01	28.34 1.67 -0.09	29.49 1.74 -0.10	30.72 1.88 0.00	31.54 1.90 0.00	31.26 1.80 0.00	33.69 2.06 0.00	35.35 2.06 0.00	33.58 1.90 0.00	31.88 1.72 0.00	29.89 1.64 0.00	26.73 1.51 0.00	24.38 1.49 0.00	22.09 1.09 0.00
LOVETT___4 23642	22.25 1.14 0.00	21.02 1.00 0.00	19.03 0.92 0.00	18.23 0.88 0.00	18.72 0.89 0.00	20.12 0.96 0.00	21.67 1.09 0.00	23.68 1.53 0.00	25.05 1.55 0.00	26.13 1.62 0.00	26.59 1.50 -0.01	28.34 1.67 -0.09	29.49 1.74 -0.10	30.72 1.88 0.00	31.54 1.90 0.00	31.26 1.80 0.00	33.69 2.06 0.00	35.35 2.06 0.00	33.58 1.90 0.00	31.88 1.72 0.00	29.89 1.64 0.00	26.73 1.51 0.00	24.38 1.49 0.00	22.09 1.09 0.00
LOVETT___5 23593	22.25 1.14 0.00	21.02 1.00 0.00	19.03 0.92 0.00	18.23 0.88 0.00	18.72 0.89 0.00	20.12 0.96 0.00	21.67 1.09 0.00	23.68 1.53 0.00	25.05 1.55 0.00	26.13 1.62 0.00	26.59 1.50 -0.01	28.34 1.67 -0.09	29.49 1.74 -0.10	30.72 1.88 0.00	31.54 1.90 0.00	31.26 1.80 0.00	33.69 2.06 0.00	35.35 2.06 0.00	33.58 1.90 0.00	31.88 1.72 0.00	29.89 1.64 0.00	26.73 1.51 0.00	24.38 1.49 0.00	22.09 1.09 0.00
LOWER_RAQUET___HYD 24057	19.84 -1.27 0.00	18.96 -1.06 0.00	17.22 -0.89 0.00	16.48 -0.87 0.00	16.99 -0.84 0.00	18.24 -0.92 0.00	19.47 -1.11 0.00	20.87 -1.29 0.00	22.21 -1.29 0.00	23.21 -1.30 0.00	23.76 -1.30 0.00	25.19 -1.38 0.00	26.20 -1.44 0.00	27.23 -1.61 0.00	27.96 -1.69 0.00	27.70 -1.77 0.00	29.92 -1.71 0.00	31.56 -1.73 0.00	30.10 -1.58 0.00	28.68 -1.48 0.00	26.84 -1.41 0.00	23.86 -1.36 0.00	21.54 -1.35 0.00	19.74 -1.26 0.00
LOWER___HUDSON 24059	22.02 0.91 0.00	20.86 0.84 0.00	18.87 0.76 0.00	18.08 0.73 0.00	18.55 0.73 0.00	19.96 0.80 0.00	21.44 0.86 0.00	23.24 1.09 0.00	24.63 1.13 0.00	25.57 1.05 0.00	26.07 1.03 0.02	27.56 1.14 0.15	28.74 1.27 0.17	30.21 1.36 0.00	31.10 1.45 0.00	30.82 1.36 0.00	33.12 1.49 0.00	34.92 1.63 0.00	33.23 1.55 0.00	31.66 1.51 0.00	29.66 1.41 0.00	26.46 1.24 0.00	24.06 1.17 0.00	21.92 0.92 0.00
LOWVILLE_115KV_TB2 356335	21.05 -0.06 0.00	19.94 -0.08 0.00	18.00 -0.11 0.00	17.23 -0.12 0.00	17.72 -0.11 0.00	19.08 -0.08 0.00	20.52 -0.06 0.00	22.11 -0.04 0.00	23.45 -0.05 0.00	24.39 -0.12 0.00	25.07 0.00 0.00	26.57 0.00 0.00	27.62 -0.03 0.00	28.79 -0.06 0.00	29.65 0.00 0.00	29.05 -0.41 0.00	31.28 -0.35 0.00	33.32 0.03 0.00	31.87 0.19 0.00	30.43 0.27 0.00	28.53 0.28 0.00	25.37 0.15 0.00	22.87 -0.02 0.00	21.00 0.00 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	22.33 1.22 0.00	21.12 1.10 0.00	19.09 0.98 0.00	18.28 0.94 0.00	18.75 0.93 0.00	20.21 1.05 0.00	21.71 1.13 0.00	23.55 1.40 0.00	25.01 1.50 0.00	25.96 1.45 0.00	26.48 1.43 0.02	27.99 1.54 0.12	29.22 1.71 0.14	30.70 1.85 0.00	31.60 1.96 0.00	31.23 1.77 0.00	33.56 1.93 0.00	35.38 2.10 0.00	33.74 2.06 0.00	32.12 1.96 0.00	30.11 1.86 0.00	26.88 1.66 0.00	24.43 1.53 0.00	22.24 1.24 0.00
LUTHERNY_35_KV_BK2 355980	22.35 1.25 0.00	21.14 1.12 0.00	19.11 1.00 0.00	18.28 0.94 0.00	18.77 0.94 0.00	20.23 1.07 0.00	21.73 1.15 0.00	23.55 1.40 0.00	25.03 1.53 0.00	25.98 1.47 0.00	26.48 1.43 0.02	27.99 1.54 0.12	29.25 1.74 0.14	30.70 1.85 0.00	31.60 1.96 0.00	31.26 1.80 0.00	33.56 1.93 0.00	35.42 2.13 0.00	33.77 2.09 0.00	32.15 1.99 0.00	30.11 1.86 0.00	26.91 1.69 0.00	24.43 1.53 0.00	22.26 1.26 0.00
LWR___OSWEGATCHIE_HYD 23850	20.26 -0.84 0.00	19.26 -0.76 0.00	17.46 -0.65 0.00	16.70 -0.64 0.00	17.18 -0.64 0.00	18.49 -0.67 0.00	19.82 -0.76 0.00	21.29 -0.86 0.00	22.61 -0.89 0.00	23.58 -0.93 0.00	24.17 -0.90 0.00	25.62 -0.96 0.00	26.65 -1.00 0.00	27.72 -1.13 0.00	28.49 -1.16 0.00	28.11 -1.36 0.00	30.33 -1.30 0.00	32.12 -1.17 0.00	30.70 -0.98 0.00	29.28 -0.87 0.00	27.46 -0.79 0.00	24.39 -0.83 0.00	22.00 -0.89 0.00	20.18 -0.82 0.00
LYONS_FALL_HYD 23570	21.24 0.13 0.00	20.12 0.10 0.00	18.15 0.04 0.00	17.38 0.03 0.00	17.86 0.04 0.00	19.23 0.08 0.00	20.70 0.12 0.00	22.33 0.18 0.00	23.69 0.19 0.00	24.66 0.15 0.00	25.37 0.30 0.00	26.89 0.32 0.00	27.98 0.33 0.00	29.20 0.35 0.00	29.88 0.24 0.00	29.46 0.00 0.00	31.69 0.06 0.00	33.62 0.33 0.00	32.12 0.44 0.00	30.64 0.48 0.00	28.73 0.48 0.00	25.57 0.35 0.00	23.07 0.18 0.00	21.17 0.17 0.00
MADISON___COUNTY_LFGE 323628	21.66 0.55 0.00	20.48 0.46 0.00	18.45 0.34 0.00	17.68 0.33 0.00	18.16 0.34 0.00	19.56 0.40 0.00	21.07 0.49 0.00	22.75 0.60 0.00	24.16 0.66 0.00	25.20 0.69 0.00	25.94 0.88 0.00	27.50 0.93 0.00	28.58 0.94 0.00	29.83 0.98 0.00	30.63 0.98 0.00	30.29 0.82 0.00	32.48 0.85 0.00	34.25 0.97 0.00	32.66 0.98 0.00	31.12 0.97 0.00	29.18 0.93 0.00	26.00 0.78 0.00	23.51 0.62 0.00	21.57 0.57 0.00
MALONE___115KV_TB1 356076	20.29 -0.82 0.00	19.36 -0.66 0.00	17.49 -0.62 0.00	16.77 -0.57 0.00	17.32 -0.50 0.00	18.62 -0.54 0.00	20.00 -0.58 0.00	21.36 -0.80 0.00	22.84 -0.66 0.00	24.00 -0.51 0.00	24.54 -0.53 0.00	25.96 -0.61 0.00	26.95 -0.69 0.00	27.84 -1.01 0.00	28.64 -1.01 0.00	28.61 -0.85 0.00	31.15 -0.47 0.00	32.85 -0.43 0.00	31.33 -0.35 0.00	29.83 -0.33 0.00	27.82 -0.42 0.00	24.69 -0.53 0.00	22.27 -0.62 0.00	20.37 -0.63 0.00
MAPLEWOD_115KV_TB3 80458	21.93 0.82 0.00	20.78 0.76 0.00	18.80 0.69 0.00	18.01 0.66 0.00	18.48 0.66 0.00	19.89 0.73 0.00	21.34 0.76 0.00	23.17 1.02 0.00	24.58 1.08 0.00	25.52 1.01 0.00	26.05 1.00 0.02	27.60 1.14 0.12	28.78 1.27 0.13	30.23 1.38 0.00	31.13 1.48 0.00	30.79 1.33 0.00	33.08 1.45 0.00	34.89 1.60 0.00	33.17 1.49 0.00	31.57 1.42 0.00	29.57 1.33 0.00	26.38 1.16 0.00	23.97 1.08 0.00	21.82 0.82 0.00
MAPLE_RIDGE_WT_1 323574	20.54 -0.57 0.00	19.52 -0.50 0.00	17.69 -0.42 0.00	16.97 -0.38 0.00	17.41 -0.41 0.00	18.70 -0.46 0.00	20.09 -0.49 0.00	21.65 -0.51 0.00	23.03 -0.47 0.00	24.15 -0.37 0.00	24.74 -0.33 0.00	26.20 -0.37 0.00	27.20 -0.44 0.00	28.42 -0.43 0.00	29.20 -0.44 0.00	29.08 -0.38 0.00	31.38 -0.25 0.00	33.06 -0.23 0.00	31.49 -0.19 0.00	29.98 -0.18 0.00	27.99 -0.25 0.00	24.89 -0.33 0.00	22.52 -0.37 0.00	20.62 -0.38 0.00

MAPLE RIDGE_WT_2 323611	20.54 -0.57 0.00	19.52 -0.50 0.00	17.69 -0.42 0.00	16.97 -0.38 0.00	17.41 -0.41 0.00	18.70 -0.46 0.00	20.09 -0.49 0.00	21.65 -0.51 0.00	23.03 -0.47 0.00	24.15 -0.37 0.00	24.74 -0.33 0.00	26.20 -0.37 0.00	27.20 -0.44 0.00	28.42 -0.43 0.00	29.20 -0.44 0.00	29.08 -0.38 0.00	31.38 -0.25 0.00	33.06 -0.23 0.00	31.49 -0.19 0.00	29.98 -0.18 0.00	27.99 -0.25 0.00	24.89 -0.33 0.00	22.52 -0.37 0.00	20.62 -0.38 0.00
MARBLE RIVER_WT_PWR 323696	20.24 -0.87 0.00	19.32 -0.70 0.00	17.48 -0.63 0.00	16.77 -0.57 0.00	17.32 -0.50 0.00	18.64 -0.52 0.00	20.03 -0.55 0.00	21.29 -0.86 0.00	22.80 -0.70 0.00	24.00 -0.52 0.00	24.49 -0.58 0.00	25.91 -0.66 0.00	26.90 -0.75 0.00	27.75 -1.10 0.00	28.64 -1.01 0.00	28.67 -0.79 0.00	31.31 -0.32 0.00	32.99 -0.30 0.00	31.46 -0.22 0.00	29.95 -0.21 0.00	27.94 -0.31 0.00	24.79 -0.43 0.00	22.39 -0.50 0.00	20.45 -0.55 0.00
MARSHVLE_115KV_TB1 80742	22.48 1.37 0.00	21.26 1.24 0.00	19.16 1.05 0.00	18.35 1.01 0.00	18.86 1.03 0.00	20.36 1.21 0.00	21.96 1.38 0.00	23.79 1.64 0.00	25.29 1.79 0.00	26.25 1.74 0.00	26.84 1.78 0.01	28.39 1.89 0.07	29.41 1.85 0.08	30.70 1.85 0.00	31.60 1.96 0.00	31.38 1.92 0.00	33.65 2.02 0.00	35.55 2.26 0.00	33.99 2.31 0.00	32.36 2.20 0.00	30.34 2.09 0.00	27.26 2.04 0.00	24.59 1.69 0.00	22.43 1.43 0.00
MARSH_HILL_WT_PWR 323713	22.16 1.05 0.00	20.64 0.62 0.00	18.65 0.54 0.00	17.83 0.49 0.00	18.32 0.50 0.00	19.68 0.52 0.00	21.20 0.62 0.00	22.75 0.60 0.00	24.23 0.73 0.00	25.37 0.86 0.00	26.20 1.13 0.00	27.66 1.09 0.00	28.67 1.02 0.00	30.00 1.16 0.00	30.68 1.04 0.00	30.88 1.41 0.00	32.58 0.95 0.00	34.15 0.86 0.00	32.60 0.92 0.00	31.09 0.94 0.00	29.15 0.90 0.00	26.15 0.93 0.00	23.60 0.71 0.00	21.92 0.92 0.00
MCINTYRE_115KV_TB2 80467	20.48 -0.63 0.00	19.56 -0.46 0.00	17.77 -0.34 0.00	16.98 -0.36 0.00	17.50 -0.32 0.00	18.81 -0.34 0.00	20.07 -0.51 0.00	21.51 -0.64 0.00	22.87 -0.63 0.00	23.85 -0.66 0.00	24.47 -0.60 0.00	25.96 -0.61 0.00	27.04 -0.61 0.00	28.10 -0.75 0.00	28.85 -0.80 0.00	28.49 -0.97 0.00	30.78 -0.85 0.00	32.42 -0.87 0.00	30.95 -0.73 0.00	29.52 -0.63 0.00	27.65 -0.59 0.00	24.59 -0.63 0.00	22.18 -0.71 0.00	20.31 -0.69 0.00
MECO____69_KV_BK1 80468	22.94 1.84 0.00	21.68 1.66 0.00	19.54 1.43 0.00	18.72 1.37 0.00	19.21 1.39 0.00	20.79 1.63 0.00	22.41 1.83 0.00	24.33 2.17 0.00	25.90 2.40 0.00	26.84 2.33 0.00	28.01 2.96 0.01	29.57 3.08 0.08	30.81 3.26 0.09	32.17 3.32 0.00	33.26 3.62 0.00	32.29 2.83 0.00	34.57 2.94 0.00	36.62 3.33 0.00	34.94 3.26 0.00	33.23 3.08 0.00	31.13 2.88 0.00	27.84 2.62 0.00	25.04 2.15 0.00	22.89 1.89 0.00
MENANDS__115KV_TB5 355628	21.81 0.70 0.00	20.68 0.66 0.00	18.71 0.60 0.00	17.92 0.57 0.00	18.39 0.57 0.00	19.77 0.61 0.00	21.24 0.66 0.00	23.04 0.89 0.00	24.42 0.92 0.00	25.37 0.86 0.00	25.88 0.83 0.02	27.41 0.96 0.12	28.61 1.11 0.13	30.03 1.18 0.00	30.89 1.25 0.00	30.61 1.15 0.00	32.89 1.27 0.00	34.65 1.36 0.00	32.95 1.27 0.00	31.36 1.21 0.00	29.35 1.10 0.00	26.20 0.98 0.00	23.81 0.92 0.00	21.67 0.67 0.00
MG INDUSTRY__DRP 24185	21.89 0.78 0.00	20.74 0.72 0.00	18.76 0.65 0.00	17.97 0.62 0.00	18.45 0.62 0.00	19.83 0.67 0.00	21.30 0.72 0.00	23.09 0.93 0.00	24.47 0.96 0.00	25.42 0.91 0.00	25.98 0.93 0.01	27.54 1.04 0.07	28.72 1.16 0.08	30.06 1.21 0.00	30.92 1.27 0.00	30.64 1.18 0.00	32.93 1.30 0.00	34.69 1.40 0.00	32.98 1.30 0.00	31.39 1.24 0.00	29.43 1.19 0.00	26.28 1.06 0.00	23.85 0.96 0.00	21.76 0.76 0.00
MID__OSWEGATCHIE_HYD 23849	20.26 -0.84 0.00	19.26 -0.76 0.00	17.46 -0.65 0.00	16.70 -0.64 0.00	17.18 -0.64 0.00	18.49 -0.67 0.00	19.82 -0.76 0.00	21.29 -0.86 0.00	22.61 -0.89 0.00	23.58 -0.93 0.00	24.17 -0.90 0.00	25.62 -0.96 0.00	26.65 -1.00 0.00	27.72 -1.13 0.00	28.49 -1.16 0.00	28.11 -1.36 0.00	30.33 -1.30 0.00	32.12 -1.17 0.00	30.70 -0.98 0.00	29.28 -0.87 0.00	27.46 -0.79 0.00	24.39 -0.83 0.00	22.00 -0.89 0.00	20.18 -0.82 0.00
MID__RAQUETTE_HYD 23851	19.84 -1.27 0.00	18.96 -1.06 0.00	17.24 -0.87 0.00	16.48 -0.87 0.00	16.99 -0.84 0.00	18.24 -0.92 0.00	19.47 -1.11 0.00	20.87 -1.28 0.00	22.21 -1.29 0.00	23.21 -1.30 0.00	23.76 -1.30 0.00	25.19 -1.38 0.00	26.21 -1.44 0.00	27.23 -1.62 0.00	27.96 -1.69 0.00	27.70 -1.77 0.00	29.92 -1.71 0.00	31.56 -1.73 0.00	30.09 -1.58 0.00	28.68 -1.48 0.00	26.83 -1.41 0.00	23.86 -1.36 0.00	21.54 -1.35 0.00	19.74 -1.26 0.00
MILLIKEN__1 23584	21.78 0.68 0.00	20.52 0.50 0.00	18.51 0.40 0.00	17.75 0.40 0.00	18.23 0.41 0.00	19.62 0.46 0.00	21.14 0.56 0.00	22.75 0.60 0.00	24.14 0.63 0.00	25.17 0.66 0.00	25.87 0.80 0.00	27.37 0.80 0.00	28.45 0.80 0.00	29.69 0.84 0.00	30.54 0.89 0.00	30.41 0.94 0.00	32.48 0.85 0.00	34.25 0.97 0.00	32.66 0.98 0.00	31.12 0.97 0.00	29.15 0.90 0.00	26.03 0.81 0.00	23.53 0.64 0.00	21.69 0.69 0.00
MILLIKEN__2 23585	21.78 0.68 0.00	20.52 0.50 0.00	18.51 0.40 0.00	17.75 0.40 0.00	18.23 0.41 0.00	19.62 0.46 0.00	21.14 0.56 0.00	22.75 0.60 0.00	24.14 0.63 0.00	25.17 0.66 0.00	25.87 0.80 0.00	27.37 0.80 0.00	28.45 0.80 0.00	29.69 0.84 0.00	30.54 0.89 0.00	30.41 0.94 0.00	32.48 0.85 0.00	34.25 0.97 0.00	32.66 0.98 0.00	31.12 0.97 0.00	29.15 0.90 0.00	26.03 0.81 0.00	23.53 0.64 0.00	21.69 0.69 0.00
MILLIKEN__DIESEL 23629	21.78 0.68 0.00	20.52 0.50 0.00	18.51 0.40 0.00	17.75 0.40 0.00	18.23 0.41 0.00	19.62 0.46 0.00	21.14 0.56 0.00	22.75 0.60 0.00	24.14 0.63 0.00	25.17 0.66 0.00	25.87 0.80 0.00	27.37 0.80 0.00	28.45 0.80 0.00	29.69 0.84 0.00	30.54 0.89 0.00	30.41 0.94 0.00	32.48 0.85 0.00	34.25 0.97 0.00	32.66 0.98 0.00	31.12 0.97 0.00	29.15 0.90 0.00	26.03 0.81 0.00	23.53 0.64 0.00	21.69 0.69 0.00
MILLSEAT__LFGE 323607	22.10 0.99 0.00	20.56 0.54 0.00	18.60 0.49 0.00	17.75 0.40 0.00	18.23 0.41 0.00	19.56 0.40 0.00	20.91 0.33 0.00	22.38 0.22 0.00	23.86 0.35 0.00	24.98 0.46 0.00	25.85 0.78 0.00	27.24 0.66 0.00	28.11 0.47 0.00	29.37 0.52 0.00	30.00 0.36 0.00	30.26 0.80 0.00	31.82 0.19 0.00	33.35 0.07 0.00	31.84 0.16 0.00	30.49 0.33 0.00	28.61 0.37 0.00	25.72 0.50 0.00	23.24 0.34 0.00	21.75 0.75 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	22.35 1.25 0.00	21.12 1.10 0.00	19.11 1.00 0.00	18.30 0.95 0.00	18.79 0.96 0.00	20.21 1.05 0.00	21.77 1.19 0.00	23.84 1.68 0.00	25.22 1.72 0.00	26.30 1.79 0.00	26.76 1.68 -0.02	28.56 1.89 -0.10	29.74 1.99 -0.11	30.96 2.11 0.00	31.78 2.13 0.00	31.44 1.97 0.00	33.91 2.28 0.00	35.58 2.30 0.00	33.77 2.09 0.00	32.09 1.93 0.00	30.08 1.84 0.00	26.88 1.66 0.00	24.52 1.63 0.00	22.22 1.22 0.00

MILLWOOD_13_KV_LOAD 356217	22.38 1.27 0.00	21.14 1.12 0.00	19.14 1.03 0.00	18.34 0.99 0.00	18.82 1.00 0.00	20.27 1.11 0.00	21.82 1.23 0.00	23.91 1.75 0.00	25.31 1.81 0.00	26.40 1.89 0.00	26.86 1.78 -0.02	28.72 2.05 -0.10	29.91 2.16 -0.11	31.13 2.28 0.00	31.96 2.31 0.00	31.56 2.09 0.00	34.00 2.37 0.00	35.68 2.40 0.00	33.90 2.22 0.00	32.21 2.05 0.00	30.22 1.98 0.00	26.93 1.71 0.00	24.56 1.67 0.00	22.24 1.24 0.00
MODEL_CITY_ENERGY 24167	21.57 0.46 0.00	20.10 0.08 0.00	18.24 0.13 0.00	17.38 0.03 0.00	17.86 0.04 0.00	19.08 -0.08 0.00	20.37 -0.21 0.00	21.73 -0.42 0.00	23.13 -0.38 0.00	24.22 -0.29 0.00	25.04 -0.03 0.00	26.39 -0.18 0.00	27.26 -0.39 0.00	28.47 -0.38 0.00	29.11 -0.53 0.00	29.41 -0.06 0.00	30.87 -0.76 0.00	32.36 -0.93 0.00	30.89 -0.79 0.00	29.52 -0.63 0.00	27.77 -0.48 0.00	24.99 -0.23 0.00	22.62 -0.27 0.00	21.21 0.21 0.00
MODERN_LFGE_ 323580	21.57 0.46 0.00	20.10 0.08 0.00	18.24 0.13 0.00	17.38 0.03 0.00	17.86 0.04 0.00	19.08 -0.08 0.00	20.37 -0.21 0.00	21.73 -0.42 0.00	23.13 -0.38 0.00	24.22 -0.29 0.00	25.04 -0.03 0.00	26.39 -0.18 0.00	27.26 -0.39 0.00	28.47 -0.38 0.00	29.11 -0.53 0.00	29.41 -0.06 0.00	30.87 -0.76 0.00	32.36 -0.93 0.00	30.89 -0.79 0.00	29.52 -0.63 0.00	27.77 -0.48 0.00	24.99 -0.23 0.00	22.62 -0.27 0.00	21.21 0.21 0.00
MOHAWK_PAPER___DRP 24187	21.93 0.82 0.00	20.78 0.76 0.00	18.80 0.69 0.00	18.01 0.66 0.00	18.48 0.66 0.00	19.89 0.73 0.00	21.34 0.76 0.00	23.17 1.02 0.00	24.58 1.08 0.00	25.52 1.01 0.00	26.05 1.00 0.02	27.60 1.14 0.12	28.78 1.27 0.13	30.23 1.38 0.00	31.13 1.48 0.00	30.79 1.33 0.00	33.08 1.45 0.00	34.89 1.60 0.00	33.17 1.49 0.00	31.57 1.42 0.00	29.57 1.33 0.00	26.38 1.16 0.00	23.97 1.08 0.00	21.82 0.82 0.00
MOHICAN__35_KV_115KV_LD 80490	22.40 1.29 0.00	21.14 1.12 0.00	19.09 0.98 0.00	18.28 0.94 0.00	18.75 0.93 0.00	20.25 1.09 0.00	21.75 1.17 0.00	23.60 1.44 0.00	25.12 1.62 0.00	26.08 1.57 0.00	26.50 1.45 0.02	27.94 1.49 0.12	29.22 1.71 0.14	30.70 1.85 0.00	31.60 1.96 0.00	31.20 1.74 0.00	33.46 1.83 0.00	35.32 2.03 0.00	33.83 2.15 0.00	32.21 2.05 0.00	30.22 1.98 0.00	27.04 1.82 0.00	24.56 1.67 0.00	22.32 1.32 0.00
MONGAUP___HYD 23641	22.27 1.16 0.00	21.02 1.00 0.00	18.98 0.87 0.00	18.18 0.83 0.00	18.68 0.86 0.00	20.02 0.86 0.00	21.57 0.99 0.00	23.46 1.31 0.00	24.77 1.27 0.00	25.74 1.23 0.00	26.18 1.10 -0.01	27.90 1.25 -0.08	29.06 1.33 -0.09	30.29 1.44 0.00	31.16 1.51 0.00	30.94 1.47 0.00	33.34 1.71 0.00	35.05 1.76 0.00	33.33 1.65 0.00	31.75 1.60 0.00	29.72 1.47 0.00	26.66 1.44 0.00	24.29 1.40 0.00	22.07 1.07 0.00
MONTAUK___DIESEL 23721	38.47 3.65 -13.71	31.52 3.30 -8.20	28.76 2.95 -7.70	25.26 2.78 -5.14	25.93 2.85 -5.26	28.75 3.08 -6.51	28.60 3.42 -4.60	32.68 4.25 -6.27	35.89 4.58 -7.80	41.25 4.85 -11.88	42.44 4.86 -12.51	42.94 5.18 -11.19	49.66 5.42 -16.59	49.94 5.71 -15.38	59.36 5.84 -23.87	54.34 5.69 -19.19	59.26 6.17 -21.46	70.37 6.39 -30.69	57.22 6.05 -19.49	47.31 5.67 -11.48	48.37 5.31 -14.81	45.98 4.74 -16.02	40.69 4.37 -13.43	34.55 3.67 -9.88
MOONROAD_115KV_HARTFLD_TB1-2 355988	22.61 1.50 0.00	20.98 0.96 0.00	18.82 0.71 0.00	18.06 0.71 0.00	18.57 0.75 0.00	19.91 0.75 0.00	21.38 0.80 0.00	23.04 0.89 0.00	24.68 1.18 0.00	25.84 1.32 0.00	26.80 1.73 0.00	28.17 1.59 0.00	29.00 1.35 0.00	30.32 1.47 0.00	31.13 1.48 0.00	31.44 1.97 0.00	32.74 1.11 0.00	34.15 0.87 0.00	32.53 0.86 0.00	31.12 0.97 0.00	29.32 1.07 0.00	26.33 1.11 0.00	23.78 0.89 0.00	22.41 1.41 0.00
MORTIMER_115KV_TB3 55949	21.72 0.61 0.00	20.36 0.34 0.00	18.31 0.20 0.00	17.55 0.21 0.00	18.02 0.20 0.00	19.39 0.23 0.00	20.81 0.23 0.00	22.35 0.20 0.00	23.83 0.33 0.00	24.93 0.42 0.00	25.69 0.63 0.00	27.13 0.56 0.00	28.09 0.44 0.00	29.34 0.49 0.00	30.12 0.47 0.00	30.23 0.77 0.00	31.98 0.35 0.00	33.55 0.27 0.00	31.96 0.29 0.00	30.58 0.42 0.00	28.64 0.40 0.00	25.62 0.40 0.00	23.17 0.27 0.00	21.52 0.52 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	22.52 1.41 0.00	21.26 1.24 0.00	19.23 1.12 0.00	18.42 1.08 0.00	18.93 1.11 0.00	20.35 1.19 0.00	21.94 1.36 0.00	24.08 1.93 0.00	25.50 2.00 0.00	26.62 2.11 0.00	27.06 1.98 -0.02	28.85 2.18 -0.10	30.05 2.29 -0.11	31.24 2.39 0.00	32.05 2.40 0.00	31.73 2.27 0.00	34.22 2.59 0.00	35.88 2.60 0.00	34.05 2.38 0.00	32.33 2.17 0.00	30.31 2.06 0.00	27.09 1.87 0.00	24.77 1.88 0.00	22.39 1.39 0.00
MUNSVILLE_WIND_PWR 323609	22.80 1.69 0.00	21.48 1.46 0.00	19.30 1.19 0.00	18.47 1.13 0.00	18.98 1.16 0.00	20.60 1.44 0.00	22.27 1.69 0.00	24.08 1.93 0.00	25.50 2.00 0.00	26.55 2.03 0.00	27.37 2.30 0.00	29.04 2.47 0.00	30.16 2.52 0.00	31.50 2.65 0.00	32.02 2.37 0.00	31.91 2.44 0.00	33.97 2.34 0.00	35.98 2.70 0.00	34.56 2.88 0.00	32.99 2.83 0.00	30.93 2.68 0.00	27.51 2.29 0.00	24.70 1.81 0.00	22.64 1.64 0.00
N SALMON___HYD 24042	20.28 -0.82 0.00	19.36 -0.66 0.00	17.49 -0.62 0.00	16.77 -0.57 0.00	17.32 -0.50 0.00	18.62 -0.54 0.00	20.00 -0.58 0.00	21.36 -0.80 0.00	22.84 -0.66 0.00	24.00 -0.52 0.00	24.54 -0.53 0.00	25.96 -0.61 0.00	26.95 -0.69 0.00	27.84 -1.01 0.00	28.70 -0.95 0.00	28.61 -0.86 0.00	31.16 -0.47 0.00	32.85 -0.43 0.00	31.33 -0.35 0.00	29.83 -0.33 0.00	27.82 -0.42 0.00	24.69 -0.53 0.00	22.27 -0.62 0.00	20.37 -0.63 0.00
N.AKRON__115KV_KNAPP 355671	22.10 0.99 0.00	20.58 0.56 0.00	18.45 0.34 0.00	17.75 0.40 0.00	18.23 0.41 0.00	19.56 0.40 0.00	20.93 0.35 0.00	22.38 0.22 0.00	23.85 0.35 0.00	24.98 0.47 0.00	25.84 0.78 0.00	27.26 0.69 0.00	28.11 0.47 0.00	29.31 0.46 0.00	30.09 0.44 0.00	30.41 0.94 0.00	31.85 0.22 0.00	33.39 0.10 0.00	31.84 0.16 0.00	30.49 0.33 0.00	28.61 0.37 0.00	25.72 0.50 0.00	23.21 0.32 0.00	21.76 0.76 0.00
N.BELMOR_69_KV_BK1 55787	35.94 1.86 -12.97	29.88 1.66 -8.20	27.33 1.52 -7.69	23.92 1.44 -5.14	24.56 1.48 -5.26	27.28 1.61 -6.51	26.97 1.79 -4.60	30.77 2.35 -6.27	33.72 2.42 -7.79	35.07 2.52 -8.03	37.46 2.38 -10.01	36.44 2.63 -7.24	45.75 2.68 -15.42	43.77 2.83 -12.09	45.25 2.88 -12.73	45.56 2.74 -13.36	45.30 3.07 -10.60	44.56 3.13 -8.14	44.13 2.91 -9.53	41.89 2.71 -9.02	41.30 2.57 -10.48	36.63 2.40 -9.02	33.19 2.38 -7.92	31.88 1.85 -9.03
N.E._GEN_SANDY PD 24062	22.06 0.95 0.00	20.90 0.88 0.00	18.91 0.80 0.00	18.13 0.78 0.00	18.59 0.77 0.00	20.00 0.84 0.00	21.67 0.93 -0.16	23.21 1.22 0.16	24.70 1.20 0.00	25.64 1.13 0.00	25.99 1.05 0.13	26.96 1.20 0.81	28.00 1.27 0.92	30.23 1.38 0.00	31.10 1.45 0.00	30.85 1.39 0.00	33.21 1.58 0.00	34.95 1.66 0.00	33.23 1.55 0.00	31.63 1.48 0.00	29.63 1.38 0.00	26.46 1.24 0.00	24.10 1.21 0.00	21.95 0.95 0.00

N. HEMPST_138_KV_BK345_REV_LBMP_G 345014	22.29 1.18 0.00	21.06 1.04 0.00	19.05 0.94 0.00	18.25 0.90 0.00	18.73 0.91 0.00	20.14 0.98 0.00	21.69 1.11 0.00	23.71 1.55 0.00	25.08 1.57 0.00	26.15 1.64 0.00	26.61 1.53 -0.01	28.36 1.70 -0.09	29.54 1.80 -0.10	30.78 1.93 0.00	31.60 1.96 0.00	31.32 1.86 0.00	33.75 2.12 0.00	35.42 2.13 0.00	33.61 1.93 0.00	31.94 1.78 0.00	29.91 1.67 0.00	26.78 1.56 0.00	24.43 1.53 0.00	22.13 1.13 0.00
N. QUEENS_27_KV_LOAD 356247	22.74 1.63 -0.01	21.45 1.42 -0.01	19.44 1.32 -0.01	18.60 1.25 -0.01	19.12 1.28 -0.01	20.50 1.34 0.00	22.04 1.46 0.00	24.27 2.10 -0.01	25.57 2.07 0.00	26.70 2.18 -0.01	27.19 2.11 -0.02	28.97 2.29 -0.11	30.17 2.40 -0.12	31.37 2.51 -0.01	32.15 2.49 -0.01	31.86 2.39 -0.01	34.39 2.75 -0.01	36.15 2.86 0.00	34.31 2.63 0.00	32.54 2.38 0.00	30.42 2.18 0.00	27.24 2.02 0.00	25.03 2.13 -0.01	22.62 1.62 -0.01
N. TROY___115KV_TB1 355778	22.02 0.91 0.00	20.86 0.84 0.00	18.87 0.76 0.00	18.08 0.73 0.00	18.55 0.73 0.00	19.96 0.80 0.00	21.44 0.86 0.00	23.24 1.09 0.00	24.63 1.13 0.00	25.57 1.05 0.00	26.07 1.03 0.02	27.56 1.14 0.15	28.74 1.27 0.17	30.23 1.38 0.00	31.13 1.48 0.00	30.82 1.36 0.00	33.12 1.49 0.00	34.92 1.63 0.00	33.23 1.55 0.00	31.63 1.48 0.00	29.66 1.41 0.00	26.46 1.24 0.00	24.06 1.17 0.00	21.92 0.92 0.00
NARROWS_GT1_1 24228	22.76 1.65 -0.01	21.44 1.42 0.00	19.38 1.27 0.00	18.56 1.21 0.00	19.09 1.27 0.00	20.46 1.30 0.00	22.02 1.44 0.00	24.27 2.11 -0.01	25.66 2.16 0.00	26.95 2.33 -0.11	27.29 2.21 -0.02	29.23 2.44 -0.21	30.35 2.57 -0.14	31.51 2.65 -0.01	32.38 2.73 -0.01	32.20 2.62 -0.11	34.58 2.94 -0.01	36.22 2.93 0.00	34.34 2.66 0.00	32.57 2.41 0.00	30.48 2.23 0.00	27.26 2.04 0.00	24.99 2.08 -0.02	22.59 1.60 0.00
NARROWS_GT1_2 24229	22.76 1.65 -0.01	21.44 1.42 0.00	19.38 1.27 0.00	18.56 1.21 0.00	19.09 1.27 0.00	20.46 1.30 0.00	22.02 1.44 0.00	24.27 2.11 -0.01	25.66 2.16 0.00	26.95 2.33 -0.11	27.29 2.21 -0.02	29.23 2.44 -0.21	30.35 2.57 -0.14	31.51 2.65 -0.01	32.38 2.73 -0.01	32.20 2.62 -0.11	34.58 2.94 -0.01	36.22 2.93 0.00	34.34 2.66 0.00	32.57 2.41 0.00	30.48 2.23 0.00	27.26 2.04 0.00	24.99 2.08 -0.02	22.59 1.60 0.00
NARROWS_GT1_3 24230	22.76 1.65 -0.01	21.44 1.42 0.00	19.38 1.27 0.00	18.56 1.21 0.00	19.09 1.27 0.00	20.46 1.30 0.00	22.02 1.44 0.00	24.27 2.11 -0.01	25.66 2.16 0.00	26.95 2.33 -0.11	27.29 2.21 -0.02	29.23 2.44 -0.21	30.35 2.57 -0.14	31.51 2.65 -0.01	32.38 2.73 -0.01	32.20 2.62 -0.11	34.58 2.94 -0.01	36.22 2.93 0.00	34.34 2.66 0.00	32.57 2.41 0.00	30.48 2.23 0.00	27.26 2.04 0.00	24.99 2.08 -0.02	22.59 1.60 0.00
NARROWS_GT1_4 24231	22.76 1.65 -0.01	21.44 1.42 0.00	19.38 1.27 0.00	18.56 1.21 0.00	19.09 1.27 0.00	20.46 1.30 0.00	22.02 1.44 0.00	24.27 2.11 -0.01	25.66 2.16 0.00	26.95 2.33 -0.11	27.29 2.21 -0.02	29.23 2.44 -0.21	30.35 2.57 -0.14	31.51 2.65 -0.01	32.38 2.73 -0.01	32.20 2.62 -0.11	34.58 2.94 -0.01	36.22 2.93 0.00	34.34 2.66 0.00	32.57 2.41 0.00	30.48 2.23 0.00	27.26 2.04 0.00	24.99 2.08 -0.02	22.59 1.60 0.00
NARROWS_GT1_5 24232	22.76 1.65 -0.01	21.44 1.42 0.00	19.38 1.27 0.00	18.56 1.21 0.00	19.09 1.27 0.00	20.46 1.30 0.00	22.02 1.44 0.00	24.27 2.11 -0.01	25.66 2.16 0.00	26.95 2.33 -0.11	27.29 2.21 -0.02	29.23 2.44 -0.21	30.35 2.57 -0.14	31.51 2.65 -0.01	32.38 2.73 -0.01	32.20 2.62 -0.11	34.58 2.94 -0.01	36.22 2.93 0.00	34.34 2.66 0.00	32.57 2.41 0.00	30.48 2.23 0.00	27.26 2.04 0.00	24.99 2.08 -0.02	22.59 1.60 0.00
NARROWS_GT1_6 24233	22.76 1.65 -0.01	21.44 1.42 0.00	19.38 1.27 0.00	18.56 1.21 0.00	19.09 1.27 0.00	20.46 1.30 0.00	22.02 1.44 0.00	24.27 2.11 -0.01	25.66 2.16 0.00	26.95 2.33 -0.11	27.29 2.21 -0.02	29.23 2.44 -0.21	30.35 2.57 -0.14	31.51 2.65 -0.01	32.38 2.73 -0.01	32.20 2.62 -0.11	34.58 2.94 -0.01	36.22 2.93 0.00	34.34 2.66 0.00	32.57 2.41 0.00	30.48 2.23 0.00	27.26 2.04 0.00	24.99 2.08 -0.02	22.59 1.60 0.00
NARROWS_GT1_7 24234	22.76 1.65 -0.01	21.44 1.42 0.00	19.38 1.27 0.00	18.56 1.21 0.00	19.09 1.27 0.00	20.46 1.30 0.00	22.02 1.44 0.00	24.27 2.11 -0.01	25.66 2.16 0.00	26.95 2.33 -0.11	27.29 2.21 -0.02	29.23 2.44 -0.21	30.35 2.57 -0.14	31.51 2.65 -0.01	32.38 2.73 -0.01	32.20 2.62 -0.11	34.58 2.94 -0.01	36.22 2.93 0.00	34.34 2.66 0.00	32.57 2.41 0.00	30.48 2.23 0.00	27.26 2.04 0.00	24.99 2.08 -0.02	22.59 1.60 0.00
NARROWS_GT1_8 24235	22.76 1.65 -0.01	21.44 1.42 0.00	19.38 1.27 0.00	18.56 1.21 0.00	19.09 1.27 0.00	20.46 1.30 0.00	22.02 1.44 0.00	24.27 2.11 -0.01	25.66 2.16 0.00	26.95 2.33 -0.11	27.29 2.21 -0.02	29.23 2.44 -0.21	30.35 2.57 -0.14	31.51 2.65 -0.01	32.38 2.73 -0.01	32.20 2.62 -0.11	34.58 2.94 -0.01	36.22 2.93 0.00	34.34 2.66 0.00	32.57 2.41 0.00	30.48 2.23 0.00	27.26 2.04 0.00	24.99 2.08 -0.02	22.59 1.60 0.00
NARROWS_GT2_1 24236	22.76 1.65 -0.01	21.44 1.42 0.00	19.38 1.27 0.00	18.56 1.21 0.00	19.09 1.27 0.00	20.46 1.30 0.00	22.02 1.44 0.00	24.27 2.11 -0.01	25.66 2.16 0.00	26.95 2.33 -0.11	27.29 2.21 -0.02	29.23 2.44 -0.21	30.35 2.57 -0.14	31.51 2.65 -0.01	32.38 2.73 -0.01	32.20 2.62 -0.11	34.58 2.94 -0.01	36.22 2.93 0.00	34.34 2.66 0.00	32.57 2.41 0.00	30.48 2.23 0.00	27.26 2.04 0.00	24.99 2.08 -0.02	22.59 1.60 0.00
NARROWS_GT2_2 24237	22.76 1.65 -0.01	21.44 1.42 0.00	19.38 1.27 0.00	18.56 1.21 0.00	19.09 1.27 0.00	20.46 1.30 0.00	22.02 1.44 0.00	24.27 2.11 -0.01	25.66 2.16 0.00	26.95 2.33 -0.11	27.29 2.21 -0.02	29.23 2.44 -0.21	30.35 2.57 -0.14	31.51 2.65 -0.01	32.38 2.73 -0.01	32.20 2.62 -0.11	34.58 2.94 -0.01	36.22 2.93 0.00	34.34 2.66 0.00	32.57 2.41 0.00	30.48 2.23 0.00	27.26 2.04 0.00	24.99 2.08 -0.02	22.59 1.60 0.00
NARROWS_GT2_3 24238	22.76 1.65 -0.01	21.44 1.42 0.00	19.38 1.27 0.00	18.56 1.21 0.00	19.09 1.27 0.00	20.46 1.30 0.00	22.02 1.44 0.00	24.27 2.11 -0.01	25.66 2.16 0.00	26.95 2.33 -0.11	27.29 2.21 -0.02	29.23 2.44 -0.21	30.35 2.57 -0.14	31.51 2.65 -0.01	32.38 2.73 -0.01	32.20 2.62 -0.11	34.58 2.94 -0.01	36.22 2.93 0.00	34.34 2.66 0.00	32.57 2.41 0.00	30.48 2.23 0.00	27.26 2.04 0.00	24.99 2.08 -0.02	22.59 1.60 0.00
NARROWS_GT2_4 24239	22.76 1.65 -0.01	21.44 1.42 0.00	19.38 1.27 0.00	18.56 1.21 0.00	19.09 1.27 0.00	20.46 1.30 0.00	22.02 1.44 0.00	24.27 2.11 -0.01	25.66 2.16 0.00	26.95 2.33 -0.11	27.29 2.21 -0.02	29.23 2.44 -0.21	30.35 2.57 -0.14	31.51 2.65 -0.01	32.38 2.73 -0.01	32.20 2.62 -0.11	34.58 2.94 -0.01	36.22 2.93 0.00	34.34 2.66 0.00	32.57 2.41 0.00	30.48 2.23 0.00	27.26 2.04 0.00	24.99 2.08 -0.02	22.59 1.60 0.00

NARROWS_GT2_5 24240	22.76 1.65 -0.01	21.44 1.42 0.00	19.38 1.27 0.00	18.56 1.21 0.00	19.09 1.27 0.00	20.46 1.30 0.00	22.02 1.44 0.00	24.27 2.11 -0.01	25.66 2.16 0.00	26.95 2.33 -0.11	27.29 2.21 -0.02	29.23 2.44 -0.21	30.35 2.57 -0.14	31.51 2.65 -0.01	32.38 2.73 -0.01	32.20 2.62 -0.11	34.58 2.94 -0.01	36.22 2.93 0.00	34.34 2.66 0.00	32.57 2.41 0.00	30.48 2.23 0.00	27.26 2.04 0.00	24.99 2.08 -0.02	22.59 1.60 0.00
NARROWS_GT2_6 24241	22.76 1.65 -0.01	21.44 1.42 0.00	19.38 1.27 0.00	18.56 1.21 0.00	19.09 1.27 0.00	20.46 1.30 0.00	22.02 1.44 0.00	24.27 2.11 -0.01	25.66 2.16 0.00	26.95 2.33 -0.11	27.29 2.21 -0.02	29.23 2.44 -0.21	30.35 2.57 -0.14	31.51 2.65 -0.01	32.38 2.73 -0.01	32.20 2.62 -0.11	34.58 2.94 -0.01	36.22 2.93 0.00	34.34 2.66 0.00	32.57 2.41 0.00	30.48 2.23 0.00	27.26 2.04 0.00	24.99 2.08 -0.02	22.59 1.60 0.00
NARROWS_GT2_7 24242	22.76 1.65 -0.01	21.44 1.42 0.00	19.38 1.27 0.00	18.56 1.21 0.00	19.09 1.27 0.00	20.46 1.30 0.00	22.02 1.44 0.00	24.27 2.11 -0.01	25.66 2.16 0.00	26.95 2.33 -0.11	27.29 2.21 -0.02	29.23 2.44 -0.21	30.35 2.57 -0.14	31.51 2.65 -0.01	32.38 2.73 -0.01	32.20 2.62 -0.11	34.58 2.94 -0.01	36.22 2.93 0.00	34.34 2.66 0.00	32.57 2.41 0.00	30.48 2.23 0.00	27.26 2.04 0.00	24.99 2.08 -0.02	22.59 1.60 0.00
NARROWS_GT2_8 24243	22.76 1.65 -0.01	21.44 1.42 0.00	19.38 1.27 0.00	18.56 1.21 0.00	19.09 1.27 0.00	20.46 1.30 0.00	22.02 1.44 0.00	24.27 2.11 -0.01	25.66 2.16 0.00	26.95 2.33 -0.11	27.29 2.21 -0.02	29.23 2.44 -0.21	30.35 2.57 -0.14	31.51 2.65 -0.01	32.38 2.73 -0.01	32.20 2.62 -0.11	34.58 2.94 -0.01	36.22 2.93 0.00	34.34 2.66 0.00	32.57 2.41 0.00	30.48 2.23 0.00	27.26 2.04 0.00	24.99 2.08 -0.02	22.59 1.60 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	22.25 1.14 0.00	21.02 1.00 0.00	19.00 0.89 0.00	18.18 0.83 0.00	18.66 0.84 0.00	20.00 0.84 0.00	21.51 0.93 0.00	23.24 1.09 0.00	24.61 1.10 0.00	25.49 0.98 0.00	26.01 0.95 0.01	27.80 1.28 0.05	29.02 1.44 0.06	30.18 1.33 0.00	31.10 1.45 0.00	30.85 1.38 0.00	33.18 1.55 0.00	35.02 1.73 0.00	33.39 1.71 0.00	31.85 1.69 0.00	29.80 1.55 0.00	26.71 1.49 0.00	24.17 1.28 0.00	22.01 1.01 0.00
NCHELSEA_115KV_TR2 355582	22.50 1.39 0.00	21.22 1.20 0.00	19.20 1.09 0.00	18.37 1.02 0.00	18.88 1.05 0.00	20.25 1.09 0.00	21.82 1.23 0.00	23.79 1.64 0.00	25.12 1.62 0.00	26.15 1.64 0.00	26.63 1.55 -0.01	28.43 1.78 -0.07	29.61 1.88 -0.08	30.84 1.99 0.00	31.69 2.05 0.00	31.38 1.92 0.00	33.81 2.18 0.00	35.52 2.23 0.00	33.74 2.06 0.00	32.12 1.96 0.00	30.08 1.84 0.00	26.93 1.71 0.00	24.54 1.65 0.00	22.28 1.28 0.00
NEG CAPITAL___MECHNVIL 23645	22.33 1.22 0.00	21.12 1.10 0.00	19.07 0.96 0.00	18.27 0.92 0.00	18.75 0.93 0.00	20.21 1.05 0.00	21.71 1.13 0.00	23.55 1.40 0.00	25.01 1.51 0.00	25.96 1.45 0.00	26.50 1.45 0.02	28.01 1.57 0.13	29.26 1.77 0.15	30.72 1.87 0.00	31.63 1.99 0.00	31.32 1.86 0.00	33.62 1.99 0.00	35.45 2.16 0.00	33.80 2.12 0.00	32.15 1.99 0.00	30.14 1.89 0.00	26.91 1.69 0.00	24.40 1.51 0.00	22.24 1.24 0.00
NEG CENTRAL_HIGH_ACRES 23767	21.24 0.13 0.00	19.90 -0.12 0.00	17.96 -0.15 0.00	17.17 -0.17 0.00	17.65 -0.18 0.00	18.99 -0.17 0.00	20.44 -0.14 0.00	21.96 -0.20 0.00	23.43 -0.07 0.00	24.51 0.00 0.00	25.24 0.18 0.00	26.68 0.11 0.00	27.67 0.03 0.00	28.94 0.09 0.00	29.65 0.00 0.00	29.64 0.18 0.00	31.44 -0.19 0.00	33.06 -0.23 0.00	31.46 -0.22 0.00	30.04 -0.12 0.00	28.13 -0.11 0.00	25.12 -0.10 0.00	22.75 -0.14 0.00	21.06 0.06 0.00
NEG CENTRAL___DRP 24199	21.59 0.49 0.00	20.30 0.28 0.00	18.31 0.20 0.00	17.55 0.21 0.00	18.04 0.21 0.00	19.41 0.25 0.00	20.89 0.31 0.00	22.49 0.33 0.00	23.90 0.40 0.00	24.95 0.44 0.00	25.72 0.65 0.00	27.21 0.64 0.00	28.22 0.58 0.00	29.48 0.63 0.00	30.33 0.68 0.00	30.23 0.77 0.00	32.14 0.51 0.00	33.79 0.50 0.00	32.22 0.54 0.00	30.73 0.57 0.00	28.78 0.54 0.00	25.70 0.48 0.00	23.26 0.37 0.00	21.48 0.48 0.00
NEG CENTRAL___INDECK 23768	22.48 1.37 0.00	20.96 0.94 0.00	18.93 0.82 0.00	18.08 0.73 0.00	18.57 0.75 0.00	19.98 0.82 0.00	21.42 0.84 0.00	22.91 0.75 0.00	24.25 0.75 0.00	25.30 0.78 0.00	26.14 1.08 0.00	27.56 0.98 0.00	28.61 0.97 0.00	29.83 0.98 0.00	30.48 0.83 0.00	30.91 1.44 0.00	32.64 1.01 0.00	34.25 0.97 0.00	32.69 1.01 0.00	31.42 1.27 0.00	29.58 1.33 0.00	26.51 1.29 0.00	23.97 1.08 0.00	22.28 1.28 0.00
NEG CENTRAL___SENECA 23627	21.76 0.65 0.00	20.40 0.38 0.00	18.38 0.27 0.00	17.62 0.28 0.00	18.11 0.29 0.00	19.48 0.33 0.00	20.99 0.41 0.00	22.60 0.44 0.00	24.04 0.54 0.00	25.13 0.61 0.00	25.92 0.85 0.00	27.42 0.85 0.00	28.42 0.77 0.00	29.71 0.87 0.00	30.54 0.89 0.00	30.50 1.03 0.00	32.33 0.70 0.00	33.92 0.63 0.00	32.41 0.73 0.00	30.94 0.78 0.00	28.98 0.73 0.00	25.90 0.68 0.00	23.39 0.50 0.00	21.63 0.63 0.00
NEG CENTRAL___STATE_STREET 24147	21.68 0.57 0.00	20.42 0.40 0.00	18.44 0.33 0.00	17.68 0.33 0.00	18.16 0.34 0.00	19.54 0.38 0.00	21.05 0.47 0.00	22.66 0.51 0.00	24.09 0.59 0.00	25.17 0.66 0.00	25.77 0.70 0.00	27.26 0.69 0.00	28.33 0.69 0.00	29.54 0.69 0.00	30.39 0.74 0.00	30.44 0.97 0.00	32.45 0.82 0.00	34.12 0.83 0.00	32.50 0.82 0.00	30.94 0.78 0.00	28.98 0.73 0.00	25.88 0.66 0.00	23.44 0.55 0.00	21.59 0.59 0.00
NEG MILLWOOD___DRP 24198	22.48 1.37 0.00	21.22 1.20 0.00	19.23 1.12 0.00	18.40 1.06 0.00	18.89 1.07 0.00	20.35 1.19 0.00	21.90 1.32 0.00	23.97 1.82 0.00	25.36 1.86 0.00	26.45 1.94 0.00	26.94 1.85 -0.01	28.86 2.21 -0.09	30.09 2.35 -0.10	31.30 2.45 0.00	32.14 2.49 0.00	31.64 2.18 0.00	34.10 2.47 0.00	35.82 2.53 0.00	34.02 2.34 0.00	32.39 2.23 0.00	30.39 2.15 0.00	27.04 1.82 0.00	24.61 1.72 0.00	22.28 1.28 0.00
NEG NORTH_FLCN_SEA 23793	20.48 -0.63 0.00	19.52 -0.50 0.00	17.64 -0.47 0.00	16.93 -0.42 0.00	17.50 -0.32 0.00	18.81 -0.34 0.00	20.23 -0.35 0.00	21.38 -0.78 0.00	22.89 -0.61 0.00	24.12 -0.39 0.00	24.59 -0.48 0.00	25.99 -0.58 0.00	26.98 -0.66 0.00	27.84 -1.01 0.00	28.61 -1.04 0.00	28.76 -0.71 0.00	31.63 0.00 0.00	33.35 0.07 0.00	31.81 0.13 0.00	30.25 0.09 0.00	28.22 -0.03 0.00	25.04 -0.18 0.00	22.59 -0.30 0.00	20.64 -0.36 0.00
NEG NORTH_KES_CHATEGAY 23792	20.26 -0.84 0.00	19.34 -0.68 0.00	17.49 -0.62 0.00	16.79 -0.56 0.00	17.34 -0.48 0.00	18.64 -0.52 0.00	20.05 -0.54 0.00	21.34 -0.82 0.00	22.82 -0.68 0.00	24.00 -0.51 0.00	24.49 -0.58 0.00	25.91 -0.66 0.00	26.90 -0.75 0.00	27.75 -1.10 0.00	28.55 -1.10 0.00	28.67 -0.80 0.00	31.28 -0.35 0.00	32.99 -0.30 0.00	31.46 -0.22 0.00	29.95 -0.21 0.00	27.94 -0.31 0.00	24.77 -0.45 0.00	22.39 -0.50 0.00	20.45 -0.55 0.00



NEG NORTH___ALICE_FALLS 23915	20.45 -0.65 0.00	19.50 -0.52 0.00	17.60 -0.51 0.00	16.90 -0.45 0.00	17.47 -0.36 0.00	18.77 -0.38 0.00	20.19 -0.39 0.00	21.42 -0.73 0.00	22.94 -0.56 0.00	24.14 -0.37 0.00	24.64 -0.43 0.00	26.07 -0.50 0.00	27.06 -0.58 0.00	27.87 -0.98 0.00	28.67 -0.98 0.00	28.79 -0.68 0.00	31.57 -0.06 0.00	33.32 0.03 0.00	31.77 0.10 0.00	30.22 0.06 0.00	28.19 -0.06 0.00	24.99 -0.23 0.00	22.55 -0.34 0.00	20.60 -0.40 0.00
NEG NORTH___LWR_SARANAC 23913	20.45 -0.65 0.00	19.50 -0.52 0.00	17.60 -0.51 0.00	16.90 -0.45 0.00	17.47 -0.36 0.00	18.77 -0.38 0.00	20.19 -0.39 0.00	21.42 -0.73 0.00	22.94 -0.56 0.00	24.14 -0.37 0.00	24.64 -0.43 0.00	26.07 -0.50 0.00	27.06 -0.58 0.00	27.87 -0.98 0.00	28.67 -0.98 0.00	28.79 -0.68 0.00	31.57 -0.06 0.00	33.32 0.03 0.00	31.77 0.10 0.00	30.22 0.06 0.00	28.19 -0.06 0.00	24.99 -0.23 0.00	22.55 -0.34 0.00	20.60 -0.40 0.00
NEG NORTH___PLATTSBURG 23628	20.45 -0.65 0.00	19.50 -0.52 0.00	17.60 -0.51 0.00	16.90 -0.45 0.00	17.47 -0.36 0.00	18.77 -0.38 0.00	20.19 -0.39 0.00	21.42 -0.73 0.00	22.94 -0.56 0.00	24.15 -0.37 0.00	24.64 -0.43 0.00	26.07 -0.51 0.00	27.06 -0.58 0.00	27.87 -0.98 0.00	28.76 -0.89 0.00	28.79 -0.68 0.00	31.57 -0.06 0.00	33.32 0.03 0.00	31.77 0.10 0.00	30.22 0.06 0.00	28.19 -0.06 0.00	24.99 -0.23 0.00	22.55 -0.34 0.00	20.60 -0.40 0.00
NEG WEST_LEA_LOCKPORT 23791	21.81 0.70 0.00	20.30 0.28 0.00	18.22 0.11 0.00	17.54 0.19 0.00	18.02 0.20 0.00	19.29 0.13 0.00	20.62 0.04 0.00	22.00 -0.16 0.00	23.41 -0.09 0.00	24.54 0.02 0.00	25.37 0.30 0.00	26.76 0.19 0.00	27.59 -0.06 0.00	28.76 -0.09 0.00	29.56 -0.09 0.00	29.94 0.47 0.00	31.34 -0.28 0.00	32.79 -0.50 0.00	31.27 -0.41 0.00	29.92 -0.24 0.00	28.11 -0.14 0.00	25.30 0.08 0.00	22.85 -0.05 0.00	21.46 0.46 0.00
NEG WEST___LANCASTR 23811	22.04 0.93 0.00	20.54 0.52 0.00	18.44 0.33 0.00	17.73 0.38 0.00	18.18 0.36 0.00	19.50 0.34 0.00	20.91 0.33 0.00	22.35 0.20 0.00	23.81 0.31 0.00	24.93 0.42 0.00	25.77 0.70 0.00	27.18 0.61 0.00	28.06 0.41 0.00	29.34 0.49 0.00	30.18 0.53 0.00	30.58 1.12 0.00	32.04 0.41 0.00	33.52 0.23 0.00	31.96 0.29 0.00	30.46 0.30 0.00	28.64 0.40 0.00	25.77 0.55 0.00	23.23 0.34 0.00	21.76 0.76 0.00
NEG_PENN_ALLEGHNY 23528	21.72 0.61 0.00	20.44 0.42 0.00	18.47 0.36 0.00	17.68 0.33 0.00	18.16 0.34 0.00	19.52 0.36 0.00	20.99 0.41 0.00	22.64 0.49 0.00	24.04 0.54 0.00	25.10 0.59 0.00	25.77 0.70 0.00	27.26 0.69 0.00	28.33 0.69 0.00	29.63 0.78 0.00	30.42 0.77 0.00	30.38 0.91 0.00	32.39 0.76 0.00	34.05 0.77 0.00	32.44 0.76 0.00	30.88 0.72 0.00	28.92 0.68 0.00	25.87 0.65 0.00	23.44 0.55 0.00	21.59 0.59 0.00
NEG___GEN_MONROE 24207	21.89 0.78 0.00	20.54 0.52 0.00	18.42 0.31 0.00	17.68 0.33 0.00	18.14 0.32 0.00	19.52 0.36 0.00	20.95 0.37 0.00	22.42 0.27 0.00	23.90 0.40 0.00	25.00 0.49 0.00	25.87 0.80 0.00	27.32 0.74 0.00	28.22 0.58 0.00	29.46 0.61 0.00	30.24 0.59 0.00	30.23 0.77 0.00	31.91 0.28 0.00	33.49 0.20 0.00	31.96 0.29 0.00	30.55 0.39 0.00	28.61 0.37 0.00	25.67 0.45 0.00	23.19 0.30 0.00	21.63 0.63 0.00
NEPA___ENERGY 23901	22.14 1.03 0.00	20.64 0.62 0.00	18.54 0.43 0.00	17.82 0.47 0.00	18.29 0.46 0.00	19.60 0.44 0.00	21.01 0.43 0.00	22.53 0.38 0.00	24.00 0.49 0.00	25.13 0.61 0.00	25.92 0.85 0.00	27.34 0.77 0.00	28.20 0.55 0.00	29.51 0.66 0.00	30.36 0.71 0.00	30.76 1.30 0.00	32.23 0.60 0.00	33.75 0.47 0.00	32.15 0.48 0.00	30.67 0.51 0.00	28.84 0.59 0.00	25.95 0.73 0.00	23.42 0.53 0.00	21.88 0.88 0.00
NEVERSINK___HYD 23608	22.16 1.05 0.00	20.90 0.88 0.00	18.87 0.76 0.00	18.08 0.73 0.00	18.57 0.75 0.00	19.90 0.75 0.00	21.46 0.88 0.00	23.37 1.22 0.00	24.68 1.17 0.00	25.71 1.20 0.00	25.35 0.28 -0.01	27.04 0.42 -0.05	28.14 0.44 -0.05	29.34 0.49 0.00	30.39 0.74 0.00	30.14 0.68 0.00	32.45 0.82 0.00	34.12 0.83 0.00	32.41 0.73 0.00	30.85 0.69 0.00	28.87 0.62 0.00	25.87 0.65 0.00	24.17 1.28 0.00	21.97 0.97 0.00
NEWKRMKL_115KV_TB1 55635	21.70 0.59 0.00	20.56 0.54 0.00	18.60 0.49 0.00	17.82 0.47 0.00	18.29 0.46 0.00	19.66 0.50 0.00	21.12 0.54 0.00	22.93 0.78 0.00	24.30 0.80 0.00	25.27 0.76 0.00	25.80 0.75 0.02	27.34 0.88 0.11	28.52 1.00 0.12	29.92 1.07 0.00	30.80 1.16 0.00	30.47 1.00 0.00	32.74 1.11 0.00	34.49 1.20 0.00	32.79 1.11 0.00	31.18 1.03 0.00	29.21 0.96 0.00	26.08 0.86 0.00	23.69 0.80 0.00	21.57 0.57 0.00
NEWTON___FALLS_HYD 23847	20.26 -0.84 0.00	19.26 -0.76 0.00	17.46 -0.65 0.00	16.70 -0.64 0.00	17.18 -0.64 0.00	18.49 -0.67 0.00	19.82 -0.76 0.00	21.29 -0.86 0.00	22.61 -0.89 0.00	23.58 -0.93 0.00	24.17 -0.90 0.00	25.62 -0.96 0.00	26.65 -1.00 0.00	27.72 -1.13 0.00	28.49 -1.16 0.00	28.11 -1.36 0.00	30.33 -1.30 0.00	32.12 -1.17 0.00	30.70 -0.98 0.00	29.28 -0.87 0.00	27.46 -0.79 0.00	24.39 -0.83 0.00	22.00 -0.89 0.00	20.18 -0.82 0.00
NGRID_A1_DSASP 323792	21.34 0.23 0.00	19.88 -0.14 0.00	18.00 -0.11 0.00	17.17 -0.17 0.00	17.63 -0.20 0.00	18.89 -0.27 0.00	20.21 -0.37 0.00	21.53 -0.62 0.00	22.87 -0.63 0.00	23.97 -0.54 0.00	24.74 -0.33 0.00	26.10 -0.48 0.00	26.92 -0.72 0.00	28.13 -0.72 0.00	28.79 -0.86 0.00	29.08 -0.38 0.00	30.52 -1.11 0.00	31.99 -1.30 0.00	30.54 -1.14 0.00	29.19 -0.97 0.00	27.46 -0.79 0.00	24.74 -0.48 0.00	22.39 -0.50 0.00	21.04 0.04 0.00
NGRID_A2_DSASP 323793	21.34 0.23 0.00	19.88 -0.14 0.00	18.00 -0.11 0.00	17.17 -0.17 0.00	17.63 -0.20 0.00	18.89 -0.27 0.00	20.21 -0.37 0.00	21.53 -0.62 0.00	22.87 -0.63 0.00	23.97 -0.54 0.00	24.74 -0.33 0.00	26.10 -0.48 0.00	26.92 -0.72 0.00	28.13 -0.72 0.00	28.79 -0.86 0.00	29.08 -0.38 0.00	30.52 -1.11 0.00	31.99 -1.30 0.00	30.54 -1.14 0.00	29.19 -0.97 0.00	27.46 -0.79 0.00	24.74 -0.48 0.00	22.39 -0.50 0.00	21.04 0.04 0.00
NGRID_A4_DSASP 323807	21.34 0.23 0.00	19.88 -0.14 0.00	17.86 -0.25 0.00	17.17 -0.17 0.00	17.63 -0.20 0.00	18.89 -0.27 0.00	20.21 -0.37 0.00	21.53 -0.62 0.00	22.87 -0.63 0.00	23.97 -0.54 0.00	24.74 -0.33 0.00	26.09 -0.48 0.00	26.90 -0.75 0.00	28.04 -0.81 0.00	28.82 -0.83 0.00	29.20 -0.27 0.00	30.59 -1.04 0.00	32.02 -1.26 0.00	30.54 -1.14 0.00	29.22 -0.93 0.00	27.46 -0.79 0.00	24.74 -0.48 0.00	22.36 -0.53 0.00	21.04 0.04 0.00
NIAGARA_115E_LBMP 323715	21.47 0.36 0.00	19.98 -0.04 0.00	18.15 0.04 0.00	17.29 -0.05 0.00	17.77 -0.05 0.00	18.99 -0.17 0.00	20.25 -0.33 0.00	21.60 -0.55 0.00	22.96 -0.54 0.00	24.05 -0.47 0.00	24.84 -0.23 0.00	26.20 -0.37 0.00	27.04 -0.61 0.00	28.27 -0.58 0.00	28.91 -0.74 0.00	29.20 -0.27 0.00	30.65 -0.98 0.00	32.12 -1.17 0.00	30.66 -1.01 0.00	29.31 -0.84 0.00	27.57 -0.68 0.00	24.82 -0.40 0.00	22.46 -0.44 0.00	21.08 0.08 0.00

NIAGARA_115W_LBMP 323714	21.28 0.17 0.00	19.82 -0.20 0.00	17.95 -0.16 0.00	17.12 -0.23 0.00	17.57 -0.25 0.00	18.83 -0.33 0.00	20.15 -0.43 0.00	21.47 -0.69 0.00	22.80 -0.70 0.00	23.90 -0.61 0.00	24.67 -0.40 0.00	26.01 -0.56 0.00	26.84 -0.80 0.00	28.04 -0.81 0.00	28.73 -0.92 0.00	28.99 -0.47 0.00	30.43 -1.20 0.00	31.89 -1.40 0.00	30.44 -1.24 0.00	29.10 -1.06 0.00	27.37 -0.88 0.00	24.66 -0.55 0.00	22.32 -0.57 0.00	20.98 -0.02 0.00
NIAGARA_230_LBMP 323716	21.55 0.44 0.00	20.08 0.06 0.00	18.18 0.07 0.00	17.35 0.00 0.00	17.81 -0.02 0.00	19.08 -0.08 0.00	20.42 -0.17 0.00	21.76 -0.40 0.00	23.10 -0.40 0.00	24.22 -0.29 0.00	25.02 -0.05 0.00	26.36 -0.21 0.00	27.23 -0.41 0.00	28.45 -0.40 0.00	29.11 -0.53 0.00	29.38 -0.09 0.00	30.87 -0.76 0.00	32.36 -0.93 0.00	30.89 -0.79 0.00	29.52 -0.63 0.00	27.77 -0.48 0.00	24.99 -0.23 0.00	22.64 -0.25 0.00	21.25 0.25 0.00
NIAGARA__115KV_198_GIBSON 55903	21.28 0.17 0.00	19.84 -0.18 0.00	17.82 -0.29 0.00	17.12 -0.23 0.00	17.57 -0.25 0.00	18.83 -0.33 0.00	20.15 -0.43 0.00	21.47 -0.69 0.00	22.80 -0.71 0.00	23.90 -0.61 0.00	24.67 -0.40 0.00	26.02 -0.56 0.00	26.81 -0.83 0.00	27.96 -0.89 0.00	28.76 -0.89 0.00	29.11 -0.35 0.00	30.49 -1.14 0.00	31.92 -1.36 0.00	30.44 -1.24 0.00	29.13 -1.03 0.00	27.37 -0.88 0.00	24.66 -0.55 0.00	22.30 -0.60 0.00	20.98 -0.02 0.00
NIAGARA____ 23760	21.36 0.25 0.00	19.90 -0.12 0.00	18.02 -0.09 0.00	17.19 -0.16 0.00	17.65 -0.18 0.00	18.91 -0.25 0.00	20.21 -0.37 0.00	21.58 -0.58 0.00	22.96 -0.54 0.00	24.05 -0.47 0.00	24.84 -0.23 0.00	26.20 -0.37 0.00	27.04 -0.61 0.00	28.27 -0.58 0.00	28.94 -0.71 0.00	29.20 -0.27 0.00	30.68 -0.95 0.00	32.19 -1.10 0.00	30.70 -0.98 0.00	29.34 -0.81 0.00	27.57 -0.68 0.00	24.82 -0.40 0.00	22.46 -0.44 0.00	21.04 0.04 0.00
NINE_MILE_1 23575	20.69 -0.42 0.00	19.56 -0.46 0.00	17.69 -0.42 0.00	16.95 -0.40 0.00	17.41 -0.41 0.00	18.72 -0.44 0.00	20.11 -0.47 0.00	21.58 -0.58 0.00	22.89 -0.61 0.00	23.87 -0.64 0.00	24.49 -0.58 0.00	25.91 -0.66 0.00	26.95 -0.69 0.00	28.13 -0.72 0.00	28.88 -0.77 0.00	28.73 -0.74 0.00	30.78 -0.85 0.00	32.36 -0.93 0.00	30.82 -0.85 0.00	29.34 -0.81 0.00	27.49 -0.76 0.00	24.56 -0.66 0.00	22.30 -0.60 0.00	20.58 -0.42 0.00
NINE_MILE_2 23744	20.69 -0.42 0.00	19.56 -0.46 0.00	17.69 -0.42 0.00	16.95 -0.40 0.00	17.41 -0.41 0.00	18.72 -0.44 0.00	20.11 -0.47 0.00	21.58 -0.58 0.00	22.89 -0.61 0.00	23.87 -0.64 0.00	24.49 -0.58 0.00	25.91 -0.66 0.00	26.95 -0.69 0.00	28.13 -0.72 0.00	28.88 -0.77 0.00	28.73 -0.74 0.00	30.78 -0.85 0.00	32.36 -0.93 0.00	30.82 -0.85 0.00	29.34 -0.81 0.00	27.49 -0.76 0.00	24.56 -0.66 0.00	22.30 -0.60 0.00	20.58 -0.42 0.00
NM_CAPITAL____DRP 24208	21.74 0.63 0.00	20.62 0.60 0.00	18.65 0.54 0.00	17.87 0.52 0.00	18.34 0.52 0.00	19.73 0.57 0.00	21.18 0.60 0.00	22.97 0.82 0.00	24.37 0.87 0.00	25.32 0.81 0.00	25.83 0.78 0.02	27.36 0.90 0.12	28.53 1.02 0.13	29.95 1.10 0.00	30.83 1.19 0.00	30.52 1.06 0.00	32.80 1.17 0.00	34.55 1.26 0.00	32.85 1.17 0.00	31.27 1.12 0.00	29.29 1.05 0.00	26.13 0.91 0.00	23.74 0.85 0.00	21.63 0.63 0.00
NM_CENTRAL____DRP 24181	21.17 0.06 0.00	19.98 -0.04 0.00	18.06 -0.05 0.00	17.29 -0.05 0.00	17.77 -0.05 0.00	19.10 -0.06 0.00	20.56 -0.02 0.00	22.11 -0.04 0.00	23.48 -0.02 0.00	24.51 0.00 0.00	25.19 0.13 0.00	26.63 0.05 0.00	27.64 0.00 0.00	28.85 0.00 0.00	29.68 0.03 0.00	29.52 0.06 0.00	31.53 -0.09 0.00	33.15 -0.13 0.00	31.55 -0.13 0.00	30.04 -0.12 0.00	28.13 -0.11 0.00	25.17 -0.05 0.00	22.85 -0.05 0.00	21.08 0.08 0.00
NM_FRONTIER____DRP 24179	21.28 0.17 0.00	19.84 -0.18 0.00	17.82 -0.29 0.00	17.12 -0.23 0.00	17.57 -0.25 0.00	18.83 -0.33 0.00	20.15 -0.43 0.00	21.47 -0.69 0.00	22.80 -0.71 0.00	23.90 -0.61 0.00	24.67 -0.40 0.00	26.02 -0.56 0.00	26.81 -0.83 0.00	27.96 -0.89 0.00	28.76 -0.89 0.00	29.11 -0.35 0.00	30.49 -1.14 0.00	31.92 -1.36 0.00	30.44 -1.24 0.00	29.13 -1.03 0.00	27.37 -0.88 0.00	24.66 -0.55 0.00	22.30 -0.60 0.00	20.98 -0.02 0.00
NM_ST_REGIS____HYD 24053	19.95 -1.16 0.00	19.04 -0.98 0.00	17.29 -0.81 0.00	16.55 -0.80 0.00	17.06 -0.77 0.00	18.33 -0.82 0.00	19.59 -0.99 0.00	20.98 -1.17 0.00	22.35 -1.15 0.00	23.38 -1.13 0.00	23.94 -1.13 0.00	25.38 -1.20 0.00	26.37 -1.27 0.00	27.38 -1.47 0.00	28.11 -1.54 0.00	27.90 -1.56 0.00	30.21 -1.42 0.00	31.86 -1.43 0.00	30.38 -1.30 0.00	28.95 -1.21 0.00	27.06 -1.19 0.00	24.03 -1.19 0.00	21.72 -1.17 0.00	19.87 -1.13 0.00
NORTHPORT____1 23551	35.82 1.82 -12.90	29.83 1.62 -8.19	27.27 1.47 -7.69	23.91 1.42 -5.14	24.52 1.44 -5.26	27.24 1.57 -6.51	26.95 1.77 -4.60	30.80 2.37 -6.27	33.76 2.47 -7.80	34.74 2.55 -7.68	37.20 2.36 -9.78	36.03 2.58 -6.88	45.61 2.65 -15.31	43.39 2.74 -11.79	44.20 2.82 -11.73	45.01 2.71 -12.84	44.30 3.04 -9.63	42.52 3.10 -6.14	43.18 2.85 -8.64	41.67 2.72 -8.80	40.63 2.54 -9.84	35.93 2.32 -8.39	32.65 2.34 -7.43	31.77 1.83 -8.94
NORTHPORT____2 23552	35.82 1.82 -12.90	29.83 1.62 -8.19	27.27 1.47 -7.69	23.91 1.42 -5.14	24.52 1.44 -5.26	27.24 1.57 -6.51	26.95 1.77 -4.60	30.80 2.37 -6.27	33.76 2.47 -7.80	34.74 2.55 -7.68	37.20 2.36 -9.78	36.03 2.58 -6.88	45.61 2.65 -15.31	43.39 2.74 -11.79	44.20 2.82 -11.73	45.01 2.71 -12.84	44.30 3.04 -9.63	42.52 3.10 -6.14	43.18 2.85 -8.64	41.67 2.72 -8.80	40.63 2.54 -9.84	35.93 2.32 -8.39	32.65 2.34 -7.43	31.77 1.83 -8.94
NORTHPORT____3 23553	35.79 1.77 -12.90	29.98 1.76 -8.20	27.44 1.63 -7.70	24.05 1.56 -5.14	24.69 1.60 -5.26	27.40 1.72 -6.52	27.10 1.91 -4.61	30.91 2.48 -6.28	33.87 2.56 -7.80	34.85 2.65 -7.69	37.06 2.21 -9.78	35.88 2.42 -6.89	45.47 2.52 -15.32	43.28 2.62 -11.80	44.09 2.70 -11.74	44.90 2.59 -12.84	44.18 2.91 -9.64	42.43 3.00 -6.15	43.12 2.79 -8.65	41.49 2.53 -8.80	40.50 2.40 -9.85	35.79 2.17 -8.40	32.64 2.31 -7.43	31.82 1.87 -8.95
NORTHPORT____4 23650	35.79 1.77 -12.90	29.98 1.76 -8.20	27.44 1.63 -7.70	24.05 1.56 -5.14	24.69 1.60 -5.26	27.40 1.72 -6.52	27.10 1.91 -4.61	30.91 2.48 -6.28	33.87 2.56 -7.80	34.85 2.65 -7.69	37.06 2.21 -9.78	35.88 2.42 -6.89	45.47 2.52 -15.32	43.28 2.62 -11.80	44.09 2.70 -11.74	44.90 2.59 -12.84	44.18 2.91 -9.64	42.43 3.00 -6.15	43.12 2.79 -8.65	41.49 2.53 -8.80	40.50 2.40 -9.85	35.79 2.17 -8.40	32.64 2.31 -7.43	31.82 1.87 -8.95
NORTHPORT____IC 23718	35.82 1.82 -12.90	29.83 1.62 -8.19	27.27 1.47 -7.69	23.91 1.42 -5.14	24.52 1.44 -5.26	27.24 1.57 -6.51	26.95 1.77 -4.60	30.80 2.37 -6.27	33.76 2.47 -7.80	34.74 2.55 -7.68	37.20 2.36 -9.78	36.03 2.58 -6.88	45.61 2.65 -15.31	43.39 2.74 -11.79	44.20 2.82 -11.73	45.01 2.71 -12.84	44.30 3.04 -9.63	42.52 3.10 -6.14	43.18 2.85 -8.64	41.67 2.72 -8.80	40.63 2.54 -9.84	35.93 2.32 -8.39	32.65 2.34 -7.43	31.77 1.83 -8.94

NORTH__COUNTRY_ESR 323785	20.20 -0.91 0.00	19.30 -0.72 0.00	17.44 -0.67 0.00	16.74 -0.61 0.00	17.29 -0.53 0.00	18.60 -0.56 0.00	19.98 -0.60 0.00	21.27 -0.89 0.00	22.77 -0.73 0.00	23.95 -0.56 0.00	24.44 -0.63 0.00	25.86 -0.72 0.00	26.84 -0.80 0.00	27.72 -1.13 0.00	28.61 -1.04 0.00	28.61 -0.86 0.00	31.22 -0.41 0.00	32.89 -0.40 0.00	31.36 -0.32 0.00	29.86 -0.30 0.00	27.85 -0.40 0.00	24.72 -0.50 0.00	22.32 -0.57 0.00	20.39 -0.61 0.00
NPX_GEN_1385_PROXY 323591	30.19 1.08 -8.01	29.11 0.90 -8.19	26.80 1.00 -7.69	23.61 1.13 -5.14	24.19 1.11 -5.26	26.80 1.13 -6.51	26.60 1.26 -4.76	30.01 1.75 -6.11	31.83 1.64 -6.68	33.32 1.69 -7.12	32.08 1.58 -5.43	32.78 1.75 -4.45	33.20 1.82 -3.73	35.54 1.87 -4.82	36.40 1.81 -4.94	37.20 1.68 -6.06	40.50 1.93 -6.94	41.49 2.06 -6.14	42.32 2.00 -8.64	40.61 1.66 -8.80	39.67 1.58 -9.84	35.07 1.46 -8.39	31.50 1.51 -7.10	30.60 1.05 -8.55
NPX_GEN_CSC 323557	37.35 2.53 -13.71	30.54 2.32 -8.20	27.89 2.08 -7.70	24.44 1.96 -5.14	25.09 2.01 -5.26	27.85 2.18 -6.51	27.79 2.45 -4.76	31.41 3.14 -6.11	34.62 3.31 -7.80	39.84 3.46 -11.88	40.81 3.23 -12.51	41.26 3.51 -11.18	47.88 3.65 -16.59	48.03 3.81 -15.37	57.39 3.88 -23.86	52.45 3.80 -19.18	57.25 4.17 -21.44	68.26 4.33 -30.65	55.21 4.06 -19.47	45.49 3.86 -11.48	49.45 3.62 -17.58	44.51 3.28 -16.01	39.47 3.16 -13.42	33.48 2.60 -9.88
NSINS_S_GLNS_FALLS 23858	22.38 1.27 0.00	21.12 1.10 0.00	19.07 0.96 0.00	18.27 0.92 0.00	18.73 0.91 0.00	20.23 1.07 0.00	21.73 1.15 0.00	23.57 1.42 0.00	25.10 1.60 0.00	26.06 1.54 0.00	26.48 1.43 0.02	27.92 1.46 0.12	29.20 1.69 0.13	30.64 1.79 0.00	31.57 1.93 0.00	31.14 1.68 0.00	33.43 1.80 0.00	35.25 1.96 0.00	33.77 2.09 0.00	32.15 1.99 0.00	30.17 1.92 0.00	27.01 1.79 0.00	24.54 1.65 0.00	22.30 1.30 0.00
NUCOR_STEEL__DRP 24197	21.55 0.44 0.00	20.34 0.32 0.00	18.36 0.25 0.00	17.59 0.24 0.00	18.07 0.25 0.00	19.45 0.29 0.00	20.91 0.33 0.00	22.51 0.35 0.00	23.90 0.40 0.00	24.98 0.47 0.00	25.64 0.58 0.00	27.13 0.56 0.00	28.20 0.55 0.00	29.40 0.55 0.00	30.24 0.59 0.00	30.14 0.68 0.00	32.17 0.54 0.00	33.85 0.57 0.00	32.25 0.57 0.00	30.70 0.54 0.00	28.76 0.51 0.00	25.67 0.45 0.00	23.28 0.39 0.00	21.44 0.44 0.00
NUMBER_THREE_WT_PWR 323818	21.02 -0.08 0.00	19.92 -0.10 0.00	17.96 -0.15 0.00	17.21 -0.14 0.00	17.70 -0.12 0.00	19.06 -0.10 0.00	20.50 -0.08 0.00	22.09 -0.07 0.00	23.43 -0.07 0.00	24.37 -0.15 0.00	25.02 -0.05 0.00	26.55 -0.03 0.00	27.59 -0.06 0.00	28.76 -0.09 0.00	29.50 -0.15 0.00	28.99 -0.47 0.00	31.22 -0.41 0.00	33.25 -0.03 0.00	31.81 0.13 0.00	30.37 0.21 0.00	28.50 0.25 0.00	25.32 0.10 0.00	22.85 -0.05 0.00	20.96 -0.04 0.00
NYISO_LBMP_REFERENCE 24008	21.11 0.00 0.00	20.02 0.00 0.00	18.11 0.00 0.00	17.35 0.00 0.00	17.82 0.00 0.00	19.16 0.00 0.00	20.58 0.00 0.00	22.16 0.00 0.00	23.50 0.00 0.00	24.51 0.00 0.00	25.07 0.00 0.00	26.57 0.00 0.00	27.64 0.00 0.00	28.85 0.00 0.00	29.65 0.00 0.00	29.46 0.00 0.00	31.63 0.00 0.00	33.29 0.00 0.00	31.68 0.00 0.00	30.16 0.00 0.00	28.25 0.00 0.00	25.22 0.00 0.00	22.89 0.00 0.00	21.00 0.00 0.00
NYPA_BRENTWD__GT 24164	36.51 2.28 -13.12	30.26 2.04 -8.20	27.63 1.83 -7.70	24.24 1.75 -5.14	24.88 1.80 -5.26	27.63 1.96 -6.51	27.36 2.18 -4.60	31.26 2.84 -6.27	34.26 2.96 -7.80	36.43 3.09 -8.83	38.50 2.91 -10.53	37.80 3.16 -8.06	46.60 3.29 -15.66	45.03 3.40 -12.78	47.99 3.29 -15.05	47.22 3.18 -14.57	48.03 3.54 -12.86	49.75 3.63 -12.83	46.68 3.39 -11.61	43.10 3.41 -9.53	43.43 3.22 -11.96	38.62 2.92 -10.48	34.80 2.84 -9.07	32.49 2.29 -9.21
NYPA_GOWANUS__GT5 24156	22.76 1.65 -0.01	21.44 1.42 0.00	19.38 1.27 0.00	18.56 1.21 0.00	19.09 1.27 0.00	20.46 1.30 0.00	22.02 1.44 0.00	24.27 2.11 -0.01	25.66 2.16 0.00	26.95 2.33 -0.11	27.29 2.21 -0.02	29.23 2.44 -0.21	30.35 2.57 -0.14	31.51 2.65 -0.01	32.38 2.73 -0.01	32.20 2.62 -0.11	34.58 2.94 -0.01	36.22 2.93 0.00	34.34 2.66 0.00	32.57 2.41 0.00	30.48 2.23 0.00	27.26 2.04 0.00	24.99 2.08 -0.02	22.59 1.60 0.00
NYPA_GOWANUS__GT6 24157	22.76 1.65 -0.01	21.44 1.42 0.00	19.38 1.27 0.00	18.56 1.21 0.00	19.09 1.27 0.00	20.46 1.30 0.00	22.02 1.44 0.00	24.27 2.11 -0.01	25.66 2.16 0.00	26.95 2.33 -0.11	27.29 2.21 -0.02	29.23 2.44 -0.21	30.35 2.57 -0.14	31.51 2.65 -0.01	32.38 2.73 -0.01	32.20 2.62 -0.11	34.58 2.94 -0.01	36.22 2.93 0.00	34.34 2.66 0.00	32.57 2.41 0.00	30.48 2.23 0.00	27.26 2.04 0.00	24.99 2.08 -0.02	22.59 1.60 0.00
NYPA_HARLEM_RVR_GT1 24160	22.70 1.58 -0.01	21.41 1.38 -0.01	19.37 1.25 -0.01	18.57 1.21 -0.01	19.08 1.25 -0.01	20.46 1.30 0.00	22.00 1.42 0.00	24.20 2.04 -0.01	25.50 2.00 0.00	26.63 2.11 -0.01	27.14 2.06 -0.02	28.88 2.20 -0.11	30.06 2.29 -0.12	31.25 2.39 -0.01	32.09 2.43 -0.01	31.80 2.33 -0.01	34.32 2.69 -0.01	36.05 2.76 0.00	34.18 2.50 0.00	32.48 2.32 0.00	30.34 2.09 0.00	27.16 1.94 0.00	24.96 2.06 -0.01	22.58 1.58 -0.01
NYPA_HARLEM_RVR_GT2 24161	22.70 1.58 -0.01	21.41 1.38 -0.01	19.37 1.25 -0.01	18.57 1.21 -0.01	19.08 1.25 -0.01	20.46 1.30 0.00	22.00 1.42 0.00	24.20 2.04 -0.01	25.50 2.00 0.00	26.63 2.11 -0.01	27.14 2.06 -0.02	28.88 2.20 -0.11	30.06 2.29 -0.12	31.25 2.39 -0.01	32.09 2.43 -0.01	31.80 2.33 -0.01	34.32 2.69 -0.01	36.05 2.76 0.00	34.18 2.50 0.00	32.48 2.32 0.00	30.34 2.09 0.00	27.16 1.94 0.00	24.96 2.06 -0.01	22.58 1.58 -0.01
NYPA_KENT__GT 24152	22.70 1.58 0.00	21.38 1.36 0.00	19.34 1.23 0.00	18.53 1.18 0.00	19.05 1.23 0.00	20.44 1.28 0.00	22.02 1.44 0.00	24.25 2.08 -0.01	25.64 2.14 0.00	26.86 2.28 -0.07	27.24 2.16 -0.02	29.13 2.39 -0.17	30.29 2.52 -0.13	31.46 2.60 -0.01	32.29 2.64 -0.01	32.09 2.56 -0.07	34.52 2.88 -0.01	36.12 2.83 0.00	34.28 2.60 0.00	32.51 2.35 0.00	30.45 2.20 0.00	27.21 1.99 0.00	24.94 2.04 -0.01	22.53 1.53 0.00
NYPA_POUCH1__GT 24155	22.76 1.65 -0.01	21.44 1.42 0.00	19.38 1.27 0.00	18.54 1.20 0.00	19.09 1.27 0.00	20.44 1.28 0.00	21.98 1.40 0.00	24.22 2.06 -0.01	25.60 2.09 0.00	26.94 2.28 -0.14	27.19 2.11 -0.02	29.18 2.36 -0.24	30.28 2.49 -0.15	31.46 2.60 -0.02	32.33 2.67 -0.02	32.17 2.56 -0.14	34.48 2.85 0.00	36.11 2.83 0.00	34.24 2.56 0.00	32.48 2.32 0.00	30.46 2.20 0.00	27.24 2.02 0.00	24.94 2.04 -0.02	22.59 1.60 0.00
NYPA_VERNON__GT2 24162	22.63 1.52 0.00	21.34 1.32 0.00	19.29 1.18 0.00	18.49 1.14 0.00	19.02 1.19 0.00	20.42 1.26 0.00	22.00 1.42 0.00	24.22 2.06 -0.01	25.59 2.09 0.00	26.79 2.25 -0.02	27.19 2.11 -0.02	29.04 2.34 -0.12	30.20 2.43 -0.12	31.40 2.54 -0.01	32.23 2.58 -0.01	31.96 2.48 -0.02	34.42 2.78 -0.01	36.05 2.76 0.00	34.18 2.50 0.00	32.45 2.29 0.00	30.39 2.15 0.00	27.16 1.94 0.00	24.88 1.99 0.00	22.49 1.49 0.00

NYPA_VERNON____GT3 24163	22.63 1.52 0.00	21.34 1.32 0.00	19.29 1.18 0.00	18.49 1.14 0.00	19.02 1.19 0.00	20.42 1.26 0.00	22.00 1.42 0.00	24.22 2.06 -0.01	25.59 2.09 0.00	26.79 2.25 -0.02	27.19 2.11 -0.02	29.04 2.34 -0.12	30.20 2.43 -0.12	31.40 2.54 -0.01	32.23 2.58 -0.01	31.96 2.48 -0.02	34.42 2.78 -0.01	36.05 2.76 0.00	34.18 2.50 0.00	32.45 2.29 0.00	30.39 2.15 0.00	27.16 1.94 0.00	24.88 1.99 0.00	22.49 1.49 0.00
NYPA____ASTORIA_CC1 323568	22.61 1.50 0.00	21.32 1.30 0.00	19.29 1.18 0.00	18.47 1.13 0.00	19.00 1.18 0.00	20.40 1.24 0.00	21.98 1.40 0.00	24.20 2.04 -0.01	25.57 2.07 0.00	26.73 2.21 -0.01	27.16 2.08 -0.02	28.97 2.29 -0.11	30.17 2.40 -0.12	31.34 2.48 -0.01	32.17 2.52 -0.01	31.89 2.42 -0.01	34.36 2.72 -0.01	35.98 2.70 0.00	34.15 2.47 0.00	32.42 2.26 0.00	30.34 2.09 0.00	27.14 1.92 0.00	24.86 1.97 0.00	22.47 1.47 0.00
NYPA____ASTORIA_CC2 323569	22.61 1.50 0.00	21.32 1.30 0.00	19.29 1.18 0.00	18.47 1.13 0.00	19.00 1.18 0.00	20.40 1.24 0.00	21.98 1.40 0.00	24.20 2.04 -0.01	25.57 2.07 0.00	26.73 2.21 -0.01	27.16 2.08 -0.02	28.97 2.29 -0.11	30.17 2.40 -0.12	31.34 2.48 -0.01	32.17 2.52 -0.01	31.89 2.42 -0.01	34.36 2.72 -0.01	35.98 2.70 0.00	34.15 2.47 0.00	32.42 2.26 0.00	30.34 2.09 0.00	27.14 1.92 0.00	24.86 1.97 0.00	22.47 1.47 0.00
NYPA____HOLTSVILL 23794	37.00 2.20 -13.70	30.22 2.00 -8.20	27.62 1.81 -7.70	24.20 1.72 -5.14	24.83 1.75 -5.26	27.59 1.92 -6.51	27.32 2.14 -4.60	31.22 2.79 -6.27	34.22 2.91 -7.80	39.34 3.01 -11.81	40.29 2.76 -12.47	40.67 2.98 -11.12	47.31 3.10 -16.57	47.40 3.23 -15.32	56.61 3.29 -23.68	51.77 3.21 -19.09	56.44 3.54 -21.27	67.20 3.63 -30.29	54.38 3.39 -19.31	44.82 3.23 -11.44	48.74 3.02 -17.47	43.87 2.75 -15.90	38.99 2.77 -13.33	33.11 2.25 -9.86
NYPA____HELLGATE_GT1 24158	22.70 1.58 -0.01	21.41 1.38 -0.01	19.37 1.25 -0.01	18.57 1.21 -0.01	19.08 1.25 -0.01	20.46 1.30 0.00	22.00 1.42 0.00	24.22 2.06 -0.01	25.52 2.02 0.00	26.65 2.13 -0.01	27.14 2.06 -0.02	28.91 2.23 -0.11	30.09 2.32 -0.12	31.25 2.39 -0.01	32.11 2.46 -0.01	31.83 2.36 -0.01	34.32 2.69 -0.01	36.05 2.76 0.00	34.18 2.50 0.00	32.48 2.32 0.00	30.34 2.09 0.00	27.16 1.94 0.00	24.96 2.06 -0.01	22.58 1.58 -0.01
NYPA____HELLGATE_GT2 24159	22.70 1.58 -0.01	21.41 1.38 -0.01	19.37 1.25 -0.01	18.57 1.21 -0.01	19.08 1.25 -0.01	20.46 1.30 0.00	22.00 1.42 0.00	24.22 2.06 -0.01	25.52 2.02 0.00	26.65 2.13 -0.01	27.14 2.06 -0.02	28.91 2.23 -0.11	30.09 2.32 -0.12	31.25 2.39 -0.01	32.11 2.46 -0.01	31.83 2.36 -0.01	34.32 2.69 -0.01	36.05 2.76 0.00	34.18 2.50 0.00	32.48 2.32 0.00	30.34 2.09 0.00	27.16 1.94 0.00	24.96 2.06 -0.01	22.58 1.58 -0.01
NYS_BARGE____HYD 23848	21.80 0.70 0.00	20.30 0.28 0.00	18.40 0.29 0.00	17.54 0.19 0.00	18.02 0.20 0.00	19.29 0.14 0.00	20.62 0.04 0.00	22.00 -0.15 0.00	23.43 -0.07 0.00	24.54 0.02 0.00	25.39 0.33 0.00	26.76 0.19 0.00	27.62 -0.03 0.00	28.88 0.03 0.00	29.50 -0.15 0.00	29.79 0.32 0.00	31.28 -0.35 0.00	32.79 -0.50 0.00	31.27 -0.41 0.00	29.91 -0.24 0.00	28.11 -0.14 0.00	25.30 0.08 0.00	22.87 -0.02 0.00	21.46 0.46 0.00
OAK ORCHARD____HYD 24046	21.72 0.61 0.00	20.36 0.34 0.00	18.36 0.25 0.00	17.56 0.21 0.00	18.02 0.20 0.00	19.39 0.23 0.00	20.83 0.25 0.00	22.35 0.20 0.00	23.83 0.33 0.00	24.93 0.42 0.00	25.69 0.63 0.00	27.13 0.56 0.00	28.11 0.47 0.00	29.40 0.55 0.00	30.12 0.47 0.00	30.17 0.71 0.00	31.95 0.32 0.00	33.55 0.27 0.00	31.96 0.28 0.00	30.55 0.39 0.00	28.61 0.37 0.00	25.62 0.40 0.00	23.19 0.30 0.00	21.52 0.53 0.00
OAKDALE__35_KV_LOAD 356122	21.64 0.53 0.00	20.36 0.34 0.00	18.38 0.27 0.00	17.62 0.28 0.00	18.09 0.27 0.00	19.45 0.29 0.00	20.91 0.33 0.00	22.53 0.38 0.00	23.93 0.42 0.00	24.98 0.47 0.00	25.62 0.55 0.00	27.13 0.56 0.00	28.17 0.53 0.00	29.46 0.61 0.00	30.27 0.62 0.00	30.20 0.74 0.00	32.20 0.57 0.00	33.85 0.57 0.00	32.25 0.57 0.00	30.70 0.54 0.00	28.78 0.54 0.00	25.75 0.53 0.00	23.33 0.43 0.00	21.48 0.48 0.00
OCC_CHEM____DRP 24175	21.34 0.23 0.00	19.88 -0.14 0.00	17.86 -0.25 0.00	17.17 -0.17 0.00	17.63 -0.20 0.00	18.89 -0.27 0.00	20.21 -0.37 0.00	21.53 -0.62 0.00	22.87 -0.63 0.00	23.97 -0.54 0.00	24.74 -0.33 0.00	26.09 -0.48 0.00	26.90 -0.75 0.00	28.04 -0.81 0.00	28.82 -0.83 0.00	29.20 -0.27 0.00	30.59 -1.04 0.00	32.02 -1.26 0.00	30.54 -1.14 0.00	29.22 -0.93 0.00	27.46 -0.79 0.00	24.74 -0.48 0.00	22.36 -0.53 0.00	21.04 0.04 0.00
OH_GEN_PROXY 24063	21.53 0.42 0.00	20.08 0.06 0.00	18.18 0.07 0.00	17.35 0.00 0.00	17.81 -0.02 0.00	19.08 -0.08 0.00	20.60 -0.14 -0.16	21.61 -0.38 0.16	23.13 -0.38 0.00	24.24 -0.27 0.00	25.04 -0.03 0.00	26.39 -0.18 0.00	27.26 -0.39 0.00	28.50 -0.34 0.00	29.17 -0.48 0.00	29.41 -0.06 0.00	30.93 -0.70 0.00	32.46 -0.83 0.00	30.95 -0.73 0.00	29.58 -0.57 0.00	27.79 -0.45 0.00	25.02 -0.20 0.00	22.66 -0.23 0.00	21.25 0.25 0.00
OLIN_CORP_DRP 24177	21.49 0.38 0.00	20.02 0.00 0.00	17.98 -0.13 0.00	17.33 -0.02 0.00	17.79 -0.04 0.00	19.02 -0.13 0.00	20.29 -0.29 0.00	21.65 -0.51 0.00	23.01 -0.49 0.00	24.10 -0.42 0.00	24.89 -0.18 0.00	26.25 -0.32 0.00	27.06 -0.58 0.00	28.21 -0.63 0.00	29.02 -0.62 0.00	29.41 -0.06 0.00	30.78 -0.85 0.00	32.22 -1.07 0.00	30.73 -0.95 0.00	29.40 -0.75 0.00	27.63 -0.62 0.00	24.87 -0.35 0.00	22.48 -0.41 0.00	21.13 0.13 0.00
OLIN_CORP_DSASP 323712	21.34 0.23 0.00	19.88 -0.14 0.00	18.00 -0.11 0.00	17.17 -0.17 0.00	17.63 -0.20 0.00	18.89 -0.27 0.00	20.21 -0.37 0.00	21.53 -0.62 0.00	22.87 -0.63 0.00	23.97 -0.54 0.00	24.74 -0.33 0.00	26.10 -0.48 0.00	26.92 -0.72 0.00	28.13 -0.72 0.00	28.79 -0.86 0.00	29.08 -0.38 0.00	30.52 -1.11 0.00	31.99 -1.30 0.00	30.54 -1.14 0.00	29.19 -0.97 0.00	27.46 -0.79 0.00	24.74 -0.48 0.00	22.39 -0.50 0.00	21.04 0.04 0.00
ONEIDA_HERK_LFGE 323681	21.34 0.23 0.00	20.20 0.18 0.00	18.24 0.13 0.00	17.45 0.10 0.00	17.95 0.13 0.00	19.33 0.17 0.00	20.81 0.23 0.00	22.44 0.29 0.00	23.83 0.33 0.00	24.81 0.30 0.00	25.52 0.45 0.00	27.08 0.50 0.00	28.14 0.50 0.00	29.37 0.52 0.00	30.06 0.41 0.00	29.70 0.23 0.00	31.91 0.28 0.00	33.79 0.50 0.00	32.25 0.57 0.00	30.76 0.60 0.00	28.84 0.59 0.00	25.67 0.45 0.00	23.19 0.30 0.00	21.27 0.27 0.00
ONEIDA____115KV_TB4 55905	21.66 0.55 0.00	20.48 0.46 0.00	18.45 0.34 0.00	17.68 0.33 0.00	18.16 0.34 0.00	19.56 0.40 0.00	21.07 0.49 0.00	22.75 0.60 0.00	24.16 0.66 0.00	25.20 0.69 0.00	25.94 0.88 0.00	27.50 0.93 0.00	28.58 0.94 0.00	29.83 0.98 0.00	30.63 0.98 0.00	30.29 0.82 0.00	32.48 0.85 0.00	34.25 0.97 0.00	32.66 0.98 0.00	31.12 0.97 0.00	29.18 0.93 0.00	26.00 0.78 0.00	23.51 0.62 0.00	21.57 0.57 0.00

ONONDAGA_REF_OCCRA 23987	21.26 0.15 0.00	20.06 0.04 0.00	18.11 0.00 0.00	17.36 0.02 0.00	17.84 0.02 0.00	19.18 0.02 0.00	20.62 0.04 0.00	22.20 0.04 0.00	23.57 0.07 0.00	24.61 0.10 0.00	25.27 0.20 0.00	26.73 0.16 0.00	27.78 0.14 0.00	28.99 0.14 0.00	29.83 0.18 0.00	29.67 0.21 0.00	31.72 0.09 0.00	33.35 0.07 0.00	31.74 0.06 0.00	30.22 0.06 0.00	28.30 0.06 0.00	25.30 0.08 0.00	22.94 0.05 0.00	21.15 0.15 0.00
ONONDAGA___COGEN 23986	21.28 0.17 0.00	20.08 0.06 0.00	18.15 0.04 0.00	17.38 0.03 0.00	17.86 0.04 0.00	19.20 0.04 0.00	20.66 0.08 0.00	22.22 0.07 0.00	23.60 0.09 0.00	24.63 0.12 0.00	25.32 0.25 0.00	26.79 0.21 0.00	27.84 0.19 0.00	29.05 0.20 0.00	29.88 0.24 0.00	29.73 0.27 0.00	31.76 0.13 0.00	33.39 0.10 0.00	31.77 0.10 0.00	30.25 0.09 0.00	28.33 0.08 0.00	25.30 0.08 0.00	22.96 0.07 0.00	21.17 0.17 0.00
ONTARIO___LFGE 23819	21.76 0.66 0.00	20.40 0.38 0.00	18.42 0.31 0.00	17.62 0.28 0.00	18.11 0.28 0.00	19.48 0.33 0.00	20.99 0.41 0.00	22.60 0.44 0.00	24.04 0.54 0.00	25.13 0.61 0.00	25.92 0.85 0.00	27.42 0.85 0.00	28.45 0.80 0.00	29.74 0.90 0.00	30.45 0.80 0.00	30.44 0.97 0.00	32.29 0.67 0.00	33.92 0.63 0.00	32.41 0.73 0.00	30.94 0.78 0.00	28.98 0.73 0.00	25.90 0.68 0.00	23.39 0.50 0.00	21.63 0.63 0.00
ORANGEVILLE_WT_PWR 323706	21.87 0.76 0.00	20.38 0.36 0.00	18.44 0.33 0.00	17.61 0.26 0.00	18.07 0.25 0.00	19.39 0.23 0.00	20.81 0.23 0.00	22.29 0.13 0.00	23.74 0.23 0.00	24.88 0.37 0.00	25.67 0.60 0.00	27.10 0.53 0.00	28.00 0.36 0.00	29.31 0.46 0.00	29.97 0.33 0.00	30.20 0.74 0.00	31.76 0.13 0.00	33.29 0.00 0.00	31.74 0.06 0.00	30.31 0.15 0.00	28.53 0.28 0.00	25.65 0.43 0.00	23.19 0.30 0.00	21.65 0.65 0.00
ORANGEVILLE___ESR 323794	21.87 0.76 0.00	20.38 0.36 0.00	18.44 0.33 0.00	17.61 0.26 0.00	18.07 0.25 0.00	19.39 0.23 0.00	20.81 0.23 0.00	22.29 0.13 0.00	23.74 0.23 0.00	24.88 0.37 0.00	25.67 0.60 0.00	27.10 0.53 0.00	28.00 0.36 0.00	29.31 0.46 0.00	29.97 0.33 0.00	30.20 0.74 0.00	31.76 0.13 0.00	33.29 0.00 0.00	31.74 0.06 0.00	30.31 0.15 0.00	28.53 0.28 0.00	25.65 0.43 0.00	23.19 0.30 0.00	21.65 0.65 0.00
OSWEGATCHIE___HYD 24044	20.26 -0.84 0.00	19.26 -0.76 0.00	17.44 -0.67 0.00	16.71 -0.64 0.00	17.18 -0.64 0.00	18.49 -0.67 0.00	19.82 -0.76 0.00	21.29 -0.86 0.00	22.61 -0.89 0.00	23.58 -0.93 0.00	24.17 -0.90 0.00	25.62 -0.96 0.00	26.65 -0.99 0.00	27.72 -1.13 0.00	28.46 -1.19 0.00	28.11 -1.35 0.00	30.33 -1.30 0.00	32.12 -1.17 0.00	30.70 -0.98 0.00	29.28 -0.88 0.00	27.46 -0.79 0.00	24.39 -0.83 0.00	22.00 -0.89 0.00	20.18 -0.82 0.00
OSWEGO___5 23606	20.90 -0.21 0.00	19.76 -0.26 0.00	17.87 -0.24 0.00	17.10 -0.24 0.00	17.57 -0.25 0.00	18.89 -0.27 0.00	20.29 -0.29 0.00	21.80 -0.36 0.00	23.15 -0.35 0.00	24.15 -0.37 0.00	24.77 -0.30 0.00	26.20 -0.37 0.00	27.26 -0.39 0.00	28.45 -0.40 0.00	29.20 -0.44 0.00	29.08 -0.38 0.00	31.12 -0.51 0.00	32.72 -0.57 0.00	31.17 -0.51 0.00	29.67 -0.48 0.00	27.79 -0.45 0.00	24.84 -0.38 0.00	22.55 -0.34 0.00	20.79 -0.21 0.00
OSWEGO___6 23613	20.90 -0.21 0.00	19.76 -0.26 0.00	17.87 -0.24 0.00	17.10 -0.24 0.00	17.57 -0.25 0.00	18.89 -0.27 0.00	20.29 -0.29 0.00	21.80 -0.36 0.00	23.15 -0.35 0.00	24.15 -0.37 0.00	24.77 -0.30 0.00	26.20 -0.37 0.00	27.26 -0.39 0.00	28.45 -0.40 0.00	29.20 -0.44 0.00	29.08 -0.38 0.00	31.12 -0.51 0.00	32.72 -0.57 0.00	31.17 -0.51 0.00	29.67 -0.48 0.00	27.79 -0.45 0.00	24.84 -0.38 0.00	22.55 -0.34 0.00	20.79 -0.21 0.00
OUTOKUMPU-AB___DRP 24206	21.95 0.84 0.00	20.44 0.42 0.00	18.35 0.24 0.00	17.64 0.29 0.00	18.11 0.29 0.00	19.41 0.25 0.00	20.79 0.21 0.00	22.20 0.04 0.00	23.64 0.14 0.00	24.76 0.25 0.00	25.64 0.58 0.00	27.02 0.45 0.00	27.86 0.22 0.00	29.05 0.20 0.00	29.85 0.21 0.00	30.29 0.82 0.00	31.69 0.06 0.00	33.12 -0.17 0.00	31.55 -0.13 0.00	30.19 0.03 0.00	28.36 0.11 0.00	25.52 0.30 0.00	23.03 0.14 0.00	21.63 0.63 0.00
OXBOW____ 24026	21.70 0.59 0.00	20.22 0.20 0.00	18.29 0.18 0.00	17.43 0.09 0.00	17.91 0.09 0.00	19.20 0.04 0.00	20.54 -0.04 0.00	21.93 -0.22 0.00	23.31 -0.19 0.00	24.44 -0.07 0.00	25.29 0.23 0.00	26.65 0.08 0.00	27.51 -0.14 0.00	28.73 -0.11 0.00	29.38 -0.27 0.00	29.70 0.23 0.00	31.16 -0.47 0.00	32.65 -0.63 0.00	31.14 -0.54 0.00	29.76 -0.39 0.00	27.99 -0.25 0.00	25.19 -0.03 0.00	22.78 -0.11 0.00	21.38 0.38 0.00
OXY_CHEM_DSASP 323612	21.34 0.23 0.00	19.88 -0.14 0.00	17.86 -0.25 0.00	17.17 -0.17 0.00	17.63 -0.20 0.00	18.89 -0.27 0.00	20.21 -0.37 0.00	21.53 -0.62 0.00	22.87 -0.63 0.00	23.97 -0.54 0.00	24.74 -0.33 0.00	26.09 -0.48 0.00	26.90 -0.75 0.00	28.04 -0.81 0.00	28.82 -0.83 0.00	29.20 -0.27 0.00	30.59 -1.04 0.00	32.02 -1.26 0.00	30.54 -1.14 0.00	29.22 -0.93 0.00	27.46 -0.79 0.00	24.74 -0.48 0.00	22.36 -0.53 0.00	21.04 0.04 0.00
OZONE_PARK_ESR 323760	22.73 1.63 0.00	21.42 1.40 0.00	19.40 1.29 0.00	18.56 1.21 0.00	19.07 1.25 0.00	20.52 1.36 0.00	22.12 1.54 0.00	24.35 2.19 0.00	25.76 2.26 0.00	26.91 2.40 0.00	27.34 2.26 -0.02	29.17 2.50 -0.10	30.35 2.60 -0.11	31.59 2.74 0.00	32.37 2.73 0.00	32.06 2.59 0.00	34.60 2.97 0.00	36.25 2.96 0.00	34.40 2.72 0.00	32.63 2.47 0.00	30.59 2.34 0.00	27.36 2.14 0.00	25.02 2.13 0.00	22.57 1.57 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	21.34 0.23 0.00	19.88 -0.14 0.00	17.86 -0.25 0.00	17.17 -0.17 0.00	17.63 -0.20 0.00	18.89 -0.27 0.00	20.21 -0.37 0.00	21.53 -0.62 0.00	22.87 -0.63 0.00	23.97 -0.54 0.00	24.74 -0.33 0.00	26.09 -0.48 0.00	26.90 -0.75 0.00	28.04 -0.81 0.00	28.82 -0.83 0.00	29.20 -0.27 0.00	30.59 -1.04 0.00	32.02 -1.26 0.00	30.54 -1.14 0.00	29.22 -0.93 0.00	27.46 -0.79 0.00	24.74 -0.48 0.00	22.36 -0.53 0.00	21.04 0.04 0.00
PACKARD___115KV_DUPONT_184 80571	21.34 0.23 0.00	19.88 -0.14 0.00	17.86 -0.25 0.00	17.17 -0.17 0.00	17.63 -0.20 0.00	18.89 -0.27 0.00	20.21 -0.37 0.00	21.53 -0.62 0.00	22.87 -0.63 0.00	23.97 -0.54 0.00	24.74 -0.33 0.00	26.09 -0.48 0.00	26.90 -0.75 0.00	28.04 -0.81 0.00	28.82 -0.83 0.00	29.20 -0.27 0.00	30.59 -1.04 0.00	32.02 -1.26 0.00	30.54 -1.14 0.00	29.22 -0.93 0.00	27.46 -0.79 0.00	24.74 -0.48 0.00	22.36 -0.53 0.00	21.04 0.04 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	22.70 1.58 -0.01	21.41 1.38 -0.01	19.39 1.27 -0.01	18.57 1.21 -0.01	19.08 1.25 -0.01	20.46 1.30 0.00	22.00 1.42 0.00	24.22 2.06 -0.01	25.52 2.02 0.00	26.68 2.16 -0.01	27.14 2.06 -0.02	28.91 2.23 -0.11	30.11 2.35 -0.12	31.31 2.45 -0.01	32.09 2.43 -0.01	31.80 2.33 -0.01	34.33 2.69 -0.01	36.02 2.73 0.00	34.18 2.50 0.00	32.45 2.29 0.00	30.34 2.09 0.00	27.16 1.94 0.00	24.96 2.06 -0.01	22.56 1.55 -0.01

PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	22.91 1.79 -0.01	21.61 1.58 -0.01	19.57 1.45 -0.01	18.73 1.37 -0.01	19.26 1.43 -0.01	20.63 1.48 0.00	22.19 1.61 0.00	24.44 2.28 -0.01	25.76 2.26 0.00	26.92 2.40 -0.01	27.51 2.43 -0.02	29.31 2.63 -0.11	30.53 2.76 -0.12	31.77 2.91 -0.01	32.56 2.91 -0.01	32.09 2.62 -0.01	34.64 3.00 -0.01	36.38 3.10 0.00	34.53 2.85 0.00	32.75 2.59 0.00	30.59 2.34 0.00	27.41 2.19 0.00	25.19 2.29 -0.01	22.73 1.72 -0.01
PATROON__115KV_TB1 80586	21.76 0.65 0.00	20.62 0.60 0.00	18.65 0.54 0.00	17.87 0.52 0.00	18.34 0.52 0.00	19.73 0.57 0.00	21.18 0.60 0.00	23.00 0.84 0.00	24.40 0.89 0.00	25.35 0.83 0.00	25.88 0.83 0.02	27.45 0.98 0.11	28.62 1.11 0.13	30.03 1.18 0.00	30.92 1.27 0.00	30.58 1.12 0.00	32.86 1.23 0.00	34.59 1.30 0.00	32.88 1.20 0.00	31.30 1.15 0.00	29.32 1.07 0.00	26.15 0.93 0.00	23.76 0.87 0.00	21.63 0.63 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	22.16 1.06 0.00	20.62 0.60 0.00	18.51 0.40 0.00	17.80 0.45 0.00	18.27 0.45 0.00	19.58 0.42 0.00	20.99 0.41 0.00	22.44 0.29 0.00	23.93 0.42 0.00	25.05 0.54 0.00	25.94 0.88 0.00	27.40 0.82 0.00	28.25 0.61 0.00	29.51 0.66 0.00	30.36 0.71 0.00	30.76 1.30 0.00	32.20 0.57 0.00	33.69 0.40 0.00	32.09 0.41 0.00	30.61 0.45 0.00	28.76 0.51 0.00	25.88 0.66 0.00	23.33 0.43 0.00	21.86 0.86 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	22.48 1.37 0.00	21.22 1.20 0.00	19.23 1.12 0.00	18.40 1.06 0.00	18.89 1.07 0.00	20.35 1.19 0.00	21.90 1.32 0.00	23.97 1.82 0.00	25.36 1.86 0.00	26.45 1.94 0.00	26.94 1.85 -0.01	28.86 2.21 -0.09	30.09 2.35 -0.10	31.30 2.45 0.00	32.14 2.49 0.00	31.64 2.18 0.00	34.10 2.47 0.00	35.82 2.53 0.00	34.02 2.34 0.00	32.39 2.23 0.00	30.39 2.15 0.00	27.04 1.82 0.00	24.61 1.72 0.00	22.28 1.28 0.00
PEEKSKILL____ 23653	22.31 1.20 0.00	21.08 1.06 0.00	19.07 0.96 0.00	18.27 0.92 0.00	18.77 0.94 0.00	20.19 1.03 0.00	21.75 1.17 0.00	23.79 1.64 0.00	25.20 1.69 0.00	26.28 1.77 0.00	26.74 1.65 -0.02	28.50 1.83 -0.10	29.69 1.93 -0.11	30.90 2.05 0.00	31.75 2.11 0.00	31.44 1.97 0.00	33.88 2.25 0.00	35.55 2.26 0.00	33.74 2.06 0.00	32.06 1.90 0.00	30.06 1.81 0.00	26.84 1.62 0.00	24.47 1.58 0.00	22.17 1.18 0.00
PGE MADISON__WINDPWR 24146	22.80 1.69 0.00	21.48 1.46 0.00	19.30 1.19 0.00	18.47 1.13 0.00	18.98 1.16 0.00	20.60 1.44 0.00	22.27 1.69 0.00	24.08 1.93 0.00	25.50 2.00 0.00	26.55 2.03 0.00	27.37 2.30 0.00	29.04 2.47 0.00	30.16 2.52 0.00	31.50 2.65 0.00	32.02 2.37 0.00	31.91 2.44 0.00	33.97 2.34 0.00	35.98 2.70 0.00	34.56 2.88 0.00	32.99 2.83 0.00	30.93 2.68 0.00	27.51 2.29 0.00	24.70 1.81 0.00	22.64 1.64 0.00
PIERCEFIELD__HYD 23852	19.84 -1.27 0.00	18.96 -1.06 0.00	17.24 -0.87 0.00	16.48 -0.87 0.00	16.99 -0.84 0.00	18.24 -0.92 0.00	19.47 -1.11 0.00	20.87 -1.28 0.00	22.21 -1.29 0.00	23.21 -1.30 0.00	23.76 -1.30 0.00	25.19 -1.38 0.00	26.21 -1.44 0.00	27.23 -1.62 0.00	27.96 -1.69 0.00	27.70 -1.77 0.00	29.92 -1.71 0.00	31.56 -1.73 0.00	30.09 -1.58 0.00	28.68 -1.48 0.00	26.83 -1.41 0.00	23.86 -1.36 0.00	21.54 -1.35 0.00	19.74 -1.26 0.00
PINELAWN_CC_1 323563	36.20 2.07 -13.02	30.08 1.86 -8.20	27.49 1.68 -7.70	24.10 1.61 -5.14	24.74 1.66 -5.26	27.47 1.80 -6.51	27.20 2.02 -4.60	31.06 2.64 -6.27	34.02 2.72 -7.80	35.63 2.84 -8.28	37.64 2.41 -10.17	36.70 2.63 -7.49	45.85 2.71 -15.50	43.84 2.68 -12.31	45.88 2.79 -13.45	45.91 2.71 -13.74	45.94 3.01 -11.30	45.98 3.10 -9.60	44.74 2.88 -10.18	42.11 2.77 -9.18	41.90 2.71 -10.94	37.36 2.67 -9.47	33.80 2.63 -8.28	32.16 2.08 -9.08
PJM_GEN_HTP_PROXY 323702	22.48 1.37 0.00	21.22 1.20 0.00	19.18 1.07 0.00	18.37 1.02 0.00	18.89 1.07 0.00	20.31 1.15 0.00	22.08 1.34 -0.16	23.90 1.91 0.16	25.48 1.97 0.00	26.59 2.08 0.00	27.04 1.96 -0.02	28.82 2.15 -0.10	30.02 2.27 -0.11	31.19 2.34 0.00	32.02 2.37 0.00	31.73 2.27 0.00	34.19 2.56 0.00	35.85 2.56 0.00	33.99 2.31 0.00	32.27 2.11 0.00	30.25 2.01 0.00	27.04 1.82 0.00	24.72 1.83 0.00	22.34 1.35 0.00
PJM_GEN_KEystone 24065	21.89 0.78 0.00	20.58 0.56 0.00	18.60 0.49 0.00	17.80 0.45 0.00	18.27 0.45 0.00	19.62 0.46 0.00	21.26 0.51 -0.16	22.70 0.71 0.16	24.23 0.73 0.00	25.32 0.81 0.00	25.90 0.83 -0.01	27.50 0.88 -0.05	28.53 0.83 -0.06	29.80 0.95 0.00	30.60 0.95 0.00	30.56 1.09 0.00	32.61 0.98 0.00	34.19 0.90 0.00	32.53 0.86 0.00	30.94 0.78 0.00	29.04 0.79 0.00	26.05 0.83 0.00	23.67 0.78 0.00	21.69 0.69 0.00
PJM_GEN_NEPTUNE_PROXY 323594	35.73 1.65 -12.97	29.70 1.48 -8.20	27.14 1.34 -7.69	23.78 1.30 -5.14	24.40 1.32 -5.26	27.11 1.44 -6.51	26.95 1.61 -4.76	30.43 2.17 -6.10	33.53 2.23 -7.79	34.84 2.30 -8.03	37.20 2.13 -10.01	36.15 2.34 -7.24	45.50 2.43 -15.42	43.48 2.54 -12.09	44.95 2.58 -12.73	45.33 2.50 -13.36	45.02 2.78 -10.60	44.26 2.83 -8.14	43.84 2.63 -9.53	41.62 2.44 -9.02	41.01 2.29 -10.48	36.33 2.09 -9.02	32.94 2.13 -7.92	31.69 1.66 -9.03
PJM_GEN_VFT_PROXY 323633	22.37 1.27 0.00	21.10 1.08 0.00	19.07 0.96 0.00	18.28 0.94 0.00	18.79 0.96 0.00	20.21 1.05 0.00	21.98 1.23 -0.16	23.83 1.84 0.16	25.40 1.90 0.00	26.52 2.01 0.00	26.96 1.88 -0.02	28.77 2.10 -0.10	29.91 2.16 -0.11	31.04 2.19 0.00	31.87 2.22 0.00	31.59 2.12 0.00	34.03 2.40 0.00	35.65 2.36 0.00	33.83 2.16 0.00	32.09 1.93 0.00	30.14 1.89 0.00	26.96 1.74 0.00	24.65 1.76 0.00	22.24 1.24 0.00
PLATSBRG_115KV_PMLD1 355749	20.45 -0.65 0.00	19.52 -0.50 0.00	17.62 -0.49 0.00	16.91 -0.43 0.00	17.49 -0.34 0.00	18.81 -0.34 0.00	20.21 -0.37 0.00	21.40 -0.75 0.00	22.91 -0.59 0.00	24.14 -0.37 0.00	24.62 -0.45 0.00	26.02 -0.56 0.00	27.04 -0.61 0.00	27.87 -0.98 0.00	28.64 -1.01 0.00	28.79 -0.68 0.00	31.60 -0.03 0.00	33.32 0.03 0.00	31.77 0.10 0.00	30.22 0.06 0.00	28.22 -0.03 0.00	25.02 -0.20 0.00	22.59 -0.30 0.00	20.64 -0.36 0.00
PLEASANTVLY__LBMP 24000	22.23 1.12 0.00	21.02 1.00 0.00	19.02 0.91 0.00	18.21 0.87 0.00	18.70 0.87 0.00	20.12 0.96 0.00	21.65 1.07 0.00	23.64 1.48 0.00	25.01 1.50 0.00	26.03 1.52 0.00	26.51 1.43 -0.02	28.28 1.59 -0.11	29.46 1.69 -0.13	30.64 1.79 0.00	31.49 1.84 0.00	31.17 1.71 0.00	33.59 1.96 0.00	35.28 2.00 0.00	33.52 1.84 0.00	31.88 1.72 0.00	29.86 1.61 0.00	26.68 1.46 0.00	24.33 1.44 0.00	22.09 1.09 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	22.42 1.31 0.00	21.16 1.14 0.00	19.16 1.05 0.00	18.35 1.01 0.00	18.84 1.02 0.00	20.29 1.13 0.00	21.86 1.28 0.00	23.93 1.77 0.00	25.34 1.83 0.00	26.40 1.89 0.00	26.89 1.80 -0.02	28.67 1.99 -0.10	29.89 2.13 -0.11	31.10 2.25 0.00	31.90 2.25 0.00	31.59 2.12 0.00	34.06 2.44 0.00	35.75 2.46 0.00	33.93 2.25 0.00	32.24 2.08 0.00	30.20 1.95 0.00	26.96 1.74 0.00	24.61 1.72 0.00	22.28 1.28 0.00

PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	22.42 1.31 0.00	21.16 1.14 0.00	19.16 1.05 0.00	18.35 1.01 0.00	18.84 1.02 0.00	20.29 1.13 0.00	21.86 1.28 0.00	23.93 1.77 0.00	25.34 1.83 0.00	26.40 1.89 0.00	26.89 1.80 -0.02	28.67 1.99 -0.10	29.89 2.13 -0.11	31.10 2.25 0.00	31.90 2.25 0.00	31.59 2.12 0.00	34.06 2.44 0.00	35.75 2.46 0.00	33.93 2.25 0.00	32.24 2.08 0.00	30.20 1.95 0.00	26.96 1.74 0.00	24.61 1.72 0.00	22.28 1.28 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	22.42 1.31 0.00	21.16 1.14 0.00	19.14 1.03 0.00	18.32 0.97 0.00	18.82 1.00 0.00	20.19 1.03 0.00	21.75 1.17 0.00	23.73 1.57 0.00	25.05 1.55 0.00	26.08 1.57 0.00	26.54 1.48 0.00	28.22 1.67 0.03	29.38 1.77 0.03	30.75 1.90 0.00	31.60 1.96 0.00	31.29 1.83 0.00	33.72 2.09 0.00	35.45 2.16 0.00	33.67 2.00 0.00	32.06 1.90 0.00	30.00 1.75 0.00	26.86 1.64 0.00	24.49 1.60 0.00	22.24 1.24 0.00
POLETTI____ 23519	22.48 1.37 0.00	21.22 1.20 0.00	19.20 1.09 0.00	18.37 1.02 0.00	18.89 1.07 0.00	20.31 1.15 0.00	21.92 1.34 0.00	24.08 1.93 0.00	25.48 1.97 0.00	26.60 2.08 0.00	27.04 1.96 -0.02	28.82 2.15 -0.10	30.02 2.27 -0.11	31.22 2.37 0.00	31.99 2.34 0.00	31.67 2.21 0.00	34.16 2.53 0.00	35.82 2.53 0.00	33.99 2.31 0.00	32.24 2.08 0.00	30.25 2.01 0.00	27.04 1.82 0.00	24.75 1.85 0.00	22.34 1.34 0.00
POMONA____ESR 323819	22.29 1.18 0.00	21.06 1.04 0.00	19.03 0.92 0.00	18.25 0.90 0.00	18.73 0.91 0.00	20.13 0.98 0.00	21.69 1.11 0.00	23.71 1.55 0.00	25.08 1.57 0.00	26.15 1.64 0.00	26.61 1.53 -0.01	28.37 1.70 -0.09	29.54 1.80 -0.10	30.75 1.90 0.00	31.60 1.96 0.00	31.35 1.89 0.00	33.75 2.12 0.00	35.42 2.13 0.00	33.61 1.93 0.00	31.94 1.78 0.00	29.94 1.69 0.00	26.78 1.56 0.00	24.43 1.53 0.00	22.13 1.13 0.00
PORT_JEFF_3 23555	37.10 2.26 -13.73	30.28 2.06 -8.20	27.65 1.85 -7.70	24.23 1.75 -5.14	24.88 1.80 -5.26	27.63 1.96 -6.51	27.36 2.18 -4.60	31.28 2.86 -6.27	34.29 2.99 -7.80	39.57 3.09 -11.97	40.37 2.73 -12.57	40.80 2.95 -11.28	47.30 3.04 -16.62	47.45 3.15 -15.45	56.98 3.20 -24.13	51.88 3.09 -19.33	56.79 3.45 -21.71	68.01 3.53 -31.20	54.69 3.29 -19.72	44.83 3.14 -11.54	48.94 2.94 -17.76	44.10 2.70 -16.18	39.26 2.81 -13.55	33.25 2.35 -9.90
PORT_JEFF_4 23616	37.10 2.26 -13.73	30.28 2.06 -8.20	27.65 1.85 -7.70	24.23 1.75 -5.14	24.88 1.80 -5.26	27.63 1.96 -6.51	27.36 2.18 -4.60	31.28 2.86 -6.27	34.29 2.99 -7.80	39.57 3.09 -11.97	40.37 2.73 -12.57	40.80 2.95 -11.28	47.30 3.04 -16.62	47.45 3.15 -15.45	56.98 3.20 -24.13	51.88 3.09 -19.33	56.79 3.45 -21.71	68.01 3.53 -31.20	54.69 3.29 -19.72	44.83 3.14 -11.54	48.94 2.94 -17.76	44.10 2.70 -16.18	39.26 2.81 -13.55	33.25 2.35 -9.90
PORT_JEFF_IC 23713	37.27 2.32 -13.84	30.34 2.12 -8.20	27.72 1.92 -7.70	24.29 1.80 -5.14	24.94 1.85 -5.26	27.68 2.01 -6.51	27.44 2.26 -4.60	31.35 2.92 -6.27	34.39 3.08 -7.81	40.25 3.19 -12.55	40.87 2.86 -12.95	41.53 3.08 -11.87	47.56 3.12 -16.80	47.94 3.15 -15.95	58.71 3.26 -25.80	52.82 3.15 -20.20	58.48 3.51 -23.34	71.47 3.60 -34.58	56.25 3.36 -21.21	45.23 3.17 -11.91	50.04 2.97 -18.83	45.23 2.77 -17.24	40.18 2.91 -14.38	33.44 2.41 -10.03
PPL PILGRIM_ST_GT1 24216	36.51 2.28 -13.12	30.26 2.04 -8.20	27.63 1.83 -7.70	24.24 1.75 -5.14	24.88 1.80 -5.26	27.63 1.96 -6.51	27.36 2.18 -4.60	31.26 2.84 -6.27	34.26 2.96 -7.80	36.43 3.09 -8.83	38.50 2.91 -10.53	37.80 3.16 -8.06	46.60 3.29 -15.66	45.03 3.40 -12.78	47.99 3.29 -15.05	47.22 3.18 -14.57	48.03 3.54 -12.86	49.75 3.63 -12.83	46.68 3.39 -11.61	43.10 3.41 -9.53	43.43 3.22 -11.96	38.62 2.92 -10.48	34.80 2.84 -9.07	32.49 2.29 -9.21
PPL PILGRIM_ST_GT2 24217	36.51 2.28 -13.12	30.26 2.04 -8.20	27.63 1.83 -7.70	24.24 1.75 -5.14	24.88 1.80 -5.26	27.63 1.96 -6.51	27.36 2.18 -4.60	31.26 2.84 -6.27	34.26 2.96 -7.80	36.43 3.09 -8.83	38.50 2.91 -10.53	37.80 3.16 -8.06	46.60 3.29 -15.66	45.03 3.40 -12.78	47.99 3.29 -15.05	47.22 3.18 -14.57	48.03 3.54 -12.86	49.75 3.63 -12.83	46.68 3.39 -11.61	43.10 3.41 -9.53	43.43 3.22 -11.96	38.62 2.92 -10.48	34.80 2.84 -9.07	32.49 2.29 -9.21
PPL_SHRM_GT3 24213	37.38 2.53 -13.74	30.54 2.32 -8.20	27.89 2.08 -7.70	24.44 1.96 -5.14	25.09 2.01 -5.26	27.85 2.18 -6.51	27.61 2.43 -4.60	31.57 3.14 -6.27	34.60 3.29 -7.81	39.98 3.43 -12.04	40.92 3.23 -12.62	41.40 3.48 -11.35	47.93 3.65 -16.64	48.17 3.81 -15.51	57.87 3.88 -24.34	52.70 3.80 -19.44	57.72 4.17 -21.91	69.23 4.33 -31.62	55.67 4.09 -19.90	45.63 3.89 -11.58	49.78 3.65 -17.89	44.81 3.28 -16.31	39.71 3.16 -13.66	33.52 2.60 -9.91
PPL_SHRM_GT4 24214	37.38 2.53 -13.74	30.54 2.32 -8.20	27.89 2.08 -7.70	24.44 1.96 -5.14	25.09 2.01 -5.26	27.85 2.18 -6.51	27.61 2.43 -4.60	31.57 3.14 -6.27	34.60 3.29 -7.81	39.98 3.43 -12.04	40.92 3.23 -12.62	41.40 3.48 -11.35	47.93 3.65 -16.64	48.17 3.81 -15.51	57.87 3.88 -24.34	52.70 3.80 -19.44	57.72 4.17 -21.91	69.23 4.33 -31.62	55.67 4.09 -19.90	45.63 3.89 -11.58	49.78 3.65 -17.89	44.81 3.28 -16.31	39.71 3.16 -13.66	33.52 2.60 -9.91
PROJECT___ORANGE 1 24174	21.19 0.08 0.00	20.00 -0.02 0.00	18.07 -0.04 0.00	17.31 -0.03 0.00	17.79 -0.04 0.00	19.12 -0.04 0.00	20.58 0.00 0.00	22.11 -0.04 0.00	23.50 0.00 0.00	24.54 0.02 0.00	25.22 0.15 0.00	26.65 0.08 0.00	27.67 0.03 0.00	28.88 0.03 0.00	29.71 0.06 0.00	29.55 0.09 0.00	31.57 -0.06 0.00	33.19 -0.10 0.00	31.58 -0.10 0.00	30.07 -0.09 0.00	28.16 -0.08 0.00	25.19 -0.03 0.00	22.85 -0.05 0.00	21.08 0.08 0.00
PROJECT___ORANGE 2 24166	21.19 0.08 0.00	20.00 -0.02 0.00	18.07 -0.04 0.00	17.31 -0.03 0.00	17.79 -0.04 0.00	19.12 -0.04 0.00	20.58 0.00 0.00	22.11 -0.04 0.00	23.50 0.00 0.00	24.54 0.02 0.00	25.22 0.15 0.00	26.65 0.08 0.00	27.67 0.03 0.00	28.88 0.03 0.00	29.71 0.06 0.00	29.55 0.09 0.00	31.57 -0.06 0.00	33.19 -0.10 0.00	31.58 -0.10 0.00	30.07 -0.09 0.00	28.16 -0.08 0.00	25.19 -0.03 0.00	22.85 -0.05 0.00	21.08 0.08 0.00
PUCKETT___SOLAR 323809	21.93 0.82 0.00	20.64 0.62 0.00	18.64 0.53 0.00	17.83 0.49 0.00	18.32 0.50 0.00	19.71 0.56 0.00	21.24 0.66 0.00	22.89 0.73 0.00	24.25 0.75 0.00	25.25 0.73 0.00	25.92 0.85 0.00	27.45 0.88 0.00	28.50 0.86 0.00	29.80 0.95 0.00	30.54 0.89 0.00	30.49 1.03 0.00	32.58 0.95 0.00	34.35 1.06 0.00	32.82 1.14 0.00	31.27 1.12 0.00	29.32 1.07 0.00	26.20 0.98 0.00	23.69 0.80 0.00	21.80 0.80 0.00
PYRITES___HYD 24023	20.31 -0.80 0.00	19.40 -0.62 0.00	17.60 -0.51 0.00	16.84 -0.50 0.00	17.36 -0.46 0.00	18.66 -0.50 0.00	19.92 -0.66 0.00	21.36 -0.80 0.00	22.73 -0.78 0.00	23.73 -0.78 0.00	24.42 -0.65 0.00	25.91 -0.66 0.00	26.98 -0.66 0.00	28.04 -0.81 0.00	28.76 -0.89 0.00	28.32 -1.15 0.00	30.55 -1.08 0.00	32.19 -1.10 0.00	30.76 -0.92 0.00	29.34 -0.81 0.00	27.46 -0.79 0.00	24.41 -0.81 0.00	22.02 -0.87 0.00	20.16 -0.84 0.00

QUAKERRD_115KV_BK1 80622	21.02 -0.08 0.00	19.74 -0.28 0.00	17.77 -0.34 0.00	17.02 -0.33 0.00	17.49 -0.34 0.00	18.81 -0.34 0.00	20.21 -0.37 0.00	21.71 -0.44 0.00	23.15 -0.35 0.00	24.22 -0.29 0.00	24.92 -0.15 0.00	26.33 -0.24 0.00	27.31 -0.33 0.00	28.50 -0.35 0.00	29.26 -0.39 0.00	29.29 -0.18 0.00	31.06 -0.57 0.00	32.62 -0.67 0.00	31.08 -0.60 0.00	29.67 -0.48 0.00	27.80 -0.45 0.00	24.84 -0.38 0.00	22.48 -0.41 0.00	20.85 -0.15 0.00
QUENSBRY_115KV_TB8 356137	22.40 1.29 0.00	21.14 1.12 0.00	19.09 0.98 0.00	18.28 0.94 0.00	18.75 0.93 0.00	20.25 1.09 0.00	21.77 1.19 0.00	23.62 1.46 0.00	25.17 1.67 0.00	26.13 1.62 0.00	26.50 1.45 0.02	27.94 1.49 0.12	29.23 1.71 0.13	30.67 1.82 0.00	31.60 1.96 0.00	31.20 1.74 0.00	33.46 1.83 0.00	35.32 2.03 0.00	33.83 2.15 0.00	32.21 2.05 0.00	30.22 1.98 0.00	27.06 1.84 0.00	24.59 1.69 0.00	22.34 1.34 0.00
RAMAPO___LBMP 323565	22.23 1.12 0.00	21.00 0.98 0.00	19.00 0.89 0.00	18.20 0.85 0.00	18.68 0.86 0.00	20.08 0.92 0.00	21.63 1.05 0.00	23.64 1.48 0.00	25.01 1.50 0.00	26.08 1.57 0.00	26.54 1.45 -0.01	28.28 1.62 -0.09	29.43 1.69 -0.10	30.67 1.82 0.00	31.52 1.87 0.00	31.23 1.77 0.00	33.62 1.99 0.00	35.32 2.03 0.00	33.52 1.84 0.00	31.85 1.69 0.00	29.86 1.61 0.00	26.71 1.49 0.00	24.36 1.47 0.00	22.07 1.07 0.00
RANKINE____ 23646	22.10 0.99 0.00	20.58 0.56 0.00	18.47 0.36 0.00	17.75 0.40 0.00	18.23 0.41 0.00	19.54 0.38 0.00	20.93 0.35 0.00	22.38 0.22 0.00	23.83 0.33 0.00	24.98 0.47 0.00	25.84 0.78 0.00	27.26 0.69 0.00	28.11 0.47 0.00	29.34 0.49 0.00	30.15 0.50 0.00	30.55 1.09 0.00	31.98 0.35 0.00	33.45 0.17 0.00	31.87 0.19 0.00	30.46 0.30 0.00	28.61 0.37 0.00	25.77 0.55 0.00	23.23 0.34 0.00	21.80 0.80 0.00
RAVENSWOOD_GT2_1 24244	22.52 1.41 0.00	21.24 1.22 0.00	19.23 1.12 0.00	18.40 1.06 0.00	18.93 1.11 0.00	20.35 1.19 0.00	21.94 1.36 0.00	24.10 1.95 0.00	25.50 2.00 0.00	26.62 2.11 0.00	27.06 1.98 -0.02	28.88 2.21 -0.10	30.08 2.32 -0.11	31.27 2.42 0.00	32.05 2.40 0.00	31.73 2.27 0.00	34.22 2.59 0.00	35.88 2.60 0.00	34.05 2.38 0.00	32.30 2.14 0.00	30.31 2.06 0.00	27.09 1.87 0.00	24.77 1.88 0.00	22.39 1.39 0.00
RAVENSWOOD_GT2_2 24245	22.52 1.41 0.00	21.24 1.22 0.00	19.23 1.12 0.00	18.40 1.06 0.00	18.93 1.11 0.00	20.35 1.19 0.00	21.94 1.36 0.00	24.10 1.95 0.00	25.50 2.00 0.00	26.62 2.11 0.00	27.06 1.98 -0.02	28.88 2.21 -0.10	30.08 2.32 -0.11	31.27 2.42 0.00	32.05 2.40 0.00	31.73 2.27 0.00	34.22 2.59 0.00	35.88 2.60 0.00	34.05 2.38 0.00	32.30 2.14 0.00	30.31 2.06 0.00	27.09 1.87 0.00	24.77 1.88 0.00	22.39 1.39 0.00
RAVENSWOOD_GT2_3 24246	22.54 1.44 0.00	21.26 1.24 0.00	19.25 1.14 0.00	18.42 1.08 0.00	18.93 1.11 0.00	20.35 1.19 0.00	21.96 1.38 0.00	24.10 1.95 0.00	25.52 2.02 0.00	26.64 2.13 0.00	27.09 2.01 -0.02	28.90 2.23 -0.10	30.08 2.32 -0.11	31.27 2.42 0.00	32.08 2.43 0.00	31.76 2.30 0.00	34.25 2.63 0.00	35.92 2.63 0.00	34.05 2.38 0.00	32.33 2.17 0.00	30.31 2.06 0.00	27.09 1.87 0.00	24.79 1.90 0.00	22.39 1.39 0.00
RAVENSWOOD_GT2_4 24247	22.54 1.44 0.00	21.26 1.24 0.00	19.25 1.14 0.00	18.42 1.08 0.00	18.93 1.11 0.00	20.35 1.19 0.00	21.96 1.38 0.00	24.10 1.95 0.00	25.52 2.02 0.00	26.64 2.13 0.00	27.09 2.01 -0.02	28.90 2.23 -0.10	30.08 2.32 -0.11	31.27 2.42 0.00	32.08 2.43 0.00	31.76 2.30 0.00	34.25 2.63 0.00	35.92 2.63 0.00	34.05 2.38 0.00	32.33 2.17 0.00	30.31 2.06 0.00	27.09 1.87 0.00	24.79 1.90 0.00	22.39 1.39 0.00
RAVENSWOOD_GT3_1 24248	22.52 1.41 0.00	21.24 1.22 0.00	19.23 1.12 0.00	18.40 1.06 0.00	18.93 1.11 0.00	20.35 1.19 0.00	21.94 1.36 0.00	24.10 1.95 0.00	25.50 2.00 0.00	26.64 2.13 0.00	27.06 1.98 -0.02	28.88 2.21 -0.10	30.08 2.32 -0.11	31.27 2.42 0.00	32.05 2.40 0.00	31.73 2.27 0.00	34.22 2.59 0.00	35.88 2.60 0.00	34.05 2.38 0.00	32.33 2.17 0.00	30.31 2.06 0.00	27.09 1.87 0.00	24.77 1.88 0.00	22.39 1.39 0.00
RAVENSWOOD_GT3_2 24249	22.52 1.41 0.00	21.24 1.22 0.00	19.23 1.12 0.00	18.40 1.06 0.00	18.93 1.11 0.00	20.35 1.19 0.00	21.94 1.36 0.00	24.10 1.95 0.00	25.50 2.00 0.00	26.64 2.13 0.00	27.06 1.98 -0.02	28.88 2.21 -0.10	30.08 2.32 -0.11	31.27 2.42 0.00	32.05 2.40 0.00	31.73 2.27 0.00	34.22 2.59 0.00	35.88 2.60 0.00	34.05 2.38 0.00	32.33 2.17 0.00	30.31 2.06 0.00	27.09 1.87 0.00	24.77 1.88 0.00	22.39 1.39 0.00
RAVENSWOOD_GT3_3 24250	22.56 1.46 0.00	21.28 1.26 0.00	19.27 1.16 0.00	18.44 1.09 0.00	18.95 1.12 0.00	20.38 1.23 0.00	21.98 1.40 0.00	24.15 1.99 0.00	25.55 2.04 0.00	26.69 2.18 0.00	27.11 2.03 -0.02	28.93 2.26 -0.10	30.13 2.38 -0.11	31.33 2.48 0.00	32.11 2.46 0.00	31.79 2.33 0.00	34.29 2.66 0.00	35.95 2.66 0.00	34.12 2.44 0.00	32.36 2.20 0.00	30.34 2.09 0.00	27.14 1.92 0.00	24.81 1.92 0.00	22.41 1.41 0.00
RAVENSWOOD_GT3_4 24251	22.56 1.46 0.00	21.28 1.26 0.00	19.27 1.16 0.00	18.44 1.09 0.00	18.95 1.12 0.00	20.38 1.23 0.00	21.98 1.40 0.00	24.15 1.99 0.00	25.55 2.04 0.00	26.69 2.18 0.00	27.11 2.03 -0.02	28.93 2.26 -0.10	30.13 2.38 -0.11	31.33 2.48 0.00	32.11 2.46 0.00	31.79 2.33 0.00	34.29 2.66 0.00	35.95 2.66 0.00	34.12 2.44 0.00	32.36 2.20 0.00	30.34 2.09 0.00	27.14 1.92 0.00	24.81 1.92 0.00	22.41 1.41 0.00
RAVENSWOOD_GT_1 23729	22.63 1.52 0.00	21.34 1.32 0.00	19.29 1.18 0.00	18.49 1.14 0.00	19.02 1.19 0.00	20.42 1.26 0.00	22.00 1.42 0.00	24.22 2.06 -0.01	25.59 2.09 0.00	26.79 2.25 -0.02	27.19 2.11 -0.02	29.04 2.34 -0.12	30.20 2.43 -0.12	31.40 2.54 -0.01	32.23 2.58 -0.01	31.96 2.48 -0.02	34.42 2.78 -0.01	36.05 2.76 0.00	34.18 2.50 0.00	32.45 2.29 0.00	30.39 2.15 0.00	27.16 1.94 0.00	24.88 1.99 0.00	22.49 1.49 0.00
RAVENSWOOD_GT_10 24258	22.52 1.41 0.00	21.24 1.22 0.00	19.23 1.12 0.00	18.40 1.06 0.00	18.91 1.09 0.00	20.35 1.19 0.00	21.94 1.36 0.00	24.10 1.95 0.00	25.50 2.00 0.00	26.62 2.11 0.00	27.06 1.98 -0.02	28.88 2.21 -0.10	30.05 2.29 -0.11	31.27 2.42 0.00	32.05 2.40 0.00	31.73 2.27 0.00	34.22 2.59 0.00	35.88 2.60 0.00	34.05 2.38 0.00	32.30 2.14 0.00	30.31 2.06 0.00	27.09 1.87 0.00	24.77 1.88 0.00	22.39 1.39 0.00
RAVENSWOOD_GT_11 24259	22.52 1.41 0.00	21.24 1.22 0.00	19.20 1.09 0.00	18.41 1.06 0.00	18.91 1.09 0.00	20.35 1.19 0.00	21.94 1.36 0.00	24.10 1.95 0.00	25.50 2.00 0.00	26.62 2.11 0.00	27.06 1.98 -0.02	28.88 2.20 -0.10	30.05 2.29 -0.11	31.21 2.37 0.00	32.08 2.43 0.00	31.76 2.30 0.00	34.25 2.62 0.00	35.89 2.60 0.00	34.06 2.38 0.00	32.33 2.17 0.00	30.31 2.06 0.00	27.09 1.87 0.00	24.77 1.88 0.00	22.39 1.39 0.00



RAVENSWOOD_GT_4 24252	22.52 1.41 0.00	21.24 1.22 0.00	19.23 1.12 0.00	18.40 1.06 0.00	18.91 1.09 0.00	20.35 1.19 0.00	21.94 1.36 0.00	24.08 1.93 0.01	25.50 2.00 0.00	26.63 2.11 -0.01	27.06 1.98 -0.02	28.86 2.18 -0.11	30.05 2.29 -0.11	31.24 2.39 0.01	32.01 2.37 0.01	31.74 2.27 -0.01	34.22 2.59 0.01	35.85 2.56 0.00	34.02 2.34 0.00	32.30 2.14 0.00	30.28 2.03 0.00	27.09 1.87 0.00	24.75 1.85 0.00	22.36 1.36 0.00
RAVENSWOOD_GT_5 24254	22.52 1.41 0.00	21.24 1.22 0.00	19.23 1.12 0.00	18.40 1.06 0.00	18.91 1.09 0.00	20.35 1.19 0.00	21.94 1.36 0.00	24.08 1.93 0.01	25.50 2.00 0.00	26.63 2.11 -0.01	27.06 1.98 -0.02	28.86 2.18 -0.11	30.05 2.29 -0.11	31.24 2.39 0.01	32.01 2.37 0.01	31.74 2.27 -0.01	34.22 2.59 0.01	35.85 2.56 0.00	34.02 2.34 0.00	32.30 2.14 0.00	30.28 2.03 0.00	27.09 1.87 0.00	24.75 1.85 0.00	22.36 1.36 0.00
RAVENSWOOD_GT_6 24253	22.52 1.41 0.00	21.24 1.22 0.00	19.23 1.12 0.00	18.40 1.06 0.00	18.91 1.09 0.00	20.35 1.19 0.00	21.94 1.36 0.00	24.08 1.93 0.01	25.50 2.00 0.00	26.63 2.11 -0.01	27.06 1.98 -0.02	28.86 2.18 -0.11	30.05 2.29 -0.11	31.24 2.39 0.01	32.01 2.37 0.01	31.74 2.27 -0.01	34.22 2.59 0.01	35.85 2.56 0.00	34.02 2.34 0.00	32.30 2.14 0.00	30.28 2.03 0.00	27.09 1.87 0.00	24.75 1.85 0.00	22.36 1.36 0.00
RAVENSWOOD_GT_7 24255	22.52 1.41 0.00	21.24 1.22 0.00	19.23 1.12 0.00	18.40 1.06 0.00	18.91 1.09 0.00	20.35 1.19 0.00	21.94 1.36 0.00	24.08 1.93 0.01	25.50 2.00 0.00	26.63 2.11 -0.01	27.06 1.98 -0.02	28.86 2.18 -0.11	30.05 2.29 -0.11	31.24 2.39 0.01	32.01 2.37 0.01	31.74 2.27 -0.01	34.22 2.59 0.01	35.85 2.56 0.00	34.02 2.34 0.00	32.30 2.14 0.00	30.28 2.03 0.00	27.09 1.87 0.00	24.75 1.85 0.00	22.36 1.36 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	22.52 1.41 0.00	21.24 1.22 0.00	19.23 1.12 0.00	18.40 1.06 0.00	18.91 1.09 0.00	20.35 1.19 0.00	21.94 1.36 0.00	24.10 1.95 0.00	25.50 2.00 0.00	26.62 2.11 0.00	27.06 1.98 -0.02	28.88 2.21 -0.10	30.05 2.29 -0.11	31.27 2.42 0.00	32.05 2.40 0.00	31.73 2.27 0.00	34.22 2.59 0.00	35.88 2.60 0.00	34.05 2.38 0.00	32.30 2.14 0.00	30.31 2.06 0.00	27.09 1.87 0.00	24.77 1.88 0.00	22.39 1.39 0.00
RAVENSWOOD_GT_9 24257	22.52 1.41 0.00	21.24 1.22 0.00	19.23 1.12 0.00	18.40 1.06 0.00	18.91 1.09 0.00	20.35 1.19 0.00	21.94 1.36 0.00	24.10 1.95 0.00	25.50 2.00 0.00	26.62 2.11 0.00	27.06 1.98 -0.02	28.88 2.21 -0.10	30.05 2.29 -0.11	31.27 2.42 0.00	32.05 2.40 0.00	31.73 2.27 0.00	34.22 2.59 0.00	35.88 2.60 0.00	34.05 2.38 0.00	32.30 2.14 0.00	30.31 2.06 0.00	27.09 1.87 0.00	24.77 1.88 0.00	22.39 1.39 0.00
RAVENSWOOD___1 23533	22.61 1.50 0.00	21.32 1.30 0.00	19.29 1.18 0.00	18.47 1.13 0.00	19.00 1.18 0.00	20.40 1.24 0.00	21.98 1.40 0.00	24.20 2.04 -0.01	25.59 2.09 0.00	26.75 2.23 -0.01	27.19 2.11 -0.02	28.99 2.31 -0.11	30.20 2.43 -0.12	31.37 2.51 -0.01	32.21 2.55 -0.01	31.92 2.44 -0.01	34.39 2.75 -0.01	36.02 2.73 0.00	34.18 2.50 0.00	32.45 2.29 0.00	30.37 2.12 0.00	27.14 1.92 0.00	24.86 1.97 0.00	22.47 1.47 0.00
RAVENSWOOD___2 23534	22.61 1.50 0.00	21.32 1.30 0.00	19.27 1.16 0.00	18.47 1.13 0.00	19.00 1.18 0.00	20.39 1.23 0.00	21.98 1.40 0.00	24.20 2.04 -0.01	25.57 2.07 0.00	26.73 2.21 -0.01	27.16 2.08 -0.02	28.99 2.31 -0.11	30.17 2.40 -0.12	31.34 2.48 -0.01	32.21 2.55 -0.01	31.92 2.44 -0.01	34.39 2.75 -0.01	36.02 2.73 0.00	34.15 2.47 0.00	32.42 2.26 0.00	30.34 2.09 0.00	27.14 1.92 0.00	24.84 1.94 0.00	22.45 1.45 0.00
RAVENSWOOD___3 23535	22.52 1.41 0.00	21.24 1.22 0.00	19.21 1.10 0.00	18.41 1.06 0.00	18.93 1.11 0.00	20.35 1.19 0.00	21.94 1.36 0.00	24.11 1.95 0.00	25.50 2.00 0.00	26.64 2.13 0.00	27.06 1.98 -0.02	28.88 2.20 -0.10	30.05 2.29 -0.11	31.24 2.39 0.00	32.08 2.43 0.00	31.79 2.33 0.00	34.25 2.62 0.00	35.89 2.60 0.00	34.06 2.38 0.00	32.33 2.17 0.00	30.31 2.06 0.00	27.09 1.87 0.00	24.77 1.88 0.00	22.39 1.39 0.00
RAVENSWOOD___4 23820	22.61 1.50 0.00	21.30 1.28 0.00	19.27 1.16 0.00	18.47 1.13 0.00	18.98 1.16 0.00	20.39 1.23 0.00	21.98 1.40 0.00	24.18 2.02 -0.01	25.57 2.07 0.00	26.71 2.21 0.01	27.16 2.08 -0.02	28.98 2.31 -0.09	30.16 2.40 -0.12	31.34 2.48 -0.01	32.17 2.52 -0.01	31.87 2.42 0.01	34.39 2.75 -0.01	36.02 2.73 0.00	34.15 2.47 0.00	32.42 2.26 0.00	30.34 2.09 0.00	27.14 1.92 0.00	24.83 1.94 0.00	22.45 1.45 0.00
RCPL_TRUST___DRP 24196	22.52 1.41 0.00	21.24 1.22 0.00	19.23 1.12 0.00	18.40 1.06 0.00	18.91 1.09 0.00	20.35 1.19 0.00	21.96 1.38 0.00	24.13 1.97 0.00	25.52 2.02 0.00	26.64 2.13 0.00	27.11 2.03 -0.02	28.90 2.23 -0.10	30.11 2.35 -0.11	31.30 2.45 0.00	32.08 2.43 0.00	31.76 2.30 0.00	34.25 2.63 0.00	35.92 2.63 0.00	34.09 2.41 0.00	32.33 2.17 0.00	30.31 2.06 0.00	27.09 1.87 0.00	24.77 1.88 0.00	22.39 1.39 0.00
RED___ROCHESTER 323720	21.87 0.76 0.00	20.48 0.46 0.00	18.47 0.36 0.00	17.64 0.29 0.00	18.13 0.30 0.00	19.50 0.35 0.00	20.95 0.37 0.00	22.49 0.33 0.00	24.02 0.52 0.00	25.15 0.64 0.00	25.89 0.83 0.00	27.37 0.80 0.00	28.36 0.72 0.00	29.66 0.81 0.00	30.39 0.74 0.00	30.41 0.94 0.00	32.20 0.57 0.00	33.85 0.57 0.00	32.22 0.54 0.00	30.82 0.66 0.00	28.87 0.62 0.00	25.82 0.60 0.00	23.35 0.46 0.00	21.69 0.69 0.00
REGAN___SOLAR 323812	22.94 1.84 0.00	21.68 1.66 0.00	19.54 1.43 0.00	18.72 1.37 0.00	19.22 1.39 0.00	20.79 1.63 0.00	22.41 1.83 0.00	24.33 2.17 0.00	25.90 2.40 0.00	26.84 2.33 0.00	28.01 2.96 0.01	29.57 3.08 0.08	30.81 3.26 0.09	32.14 3.29 0.00	32.55 2.91 0.00	32.29 2.83 0.00	34.57 2.94 0.00	36.62 3.33 0.00	34.94 3.26 0.00	33.23 3.08 0.00	31.13 2.88 0.00	27.84 2.62 0.00	25.07 2.18 0.00	22.89 1.89 0.00
RENSSELAER___COGEN 23796	21.66 0.55 0.00	20.52 0.50 0.00	18.54 0.43 0.00	17.78 0.43 0.00	18.27 0.45 0.00	19.62 0.46 0.00	21.07 0.49 0.00	22.86 0.71 0.00	24.23 0.73 0.00	25.17 0.66 0.00	25.70 0.65 0.02	27.24 0.77 0.11	28.38 0.86 0.12	29.77 0.92 0.00	30.62 0.98 0.00	30.38 0.91 0.00	32.64 1.01 0.00	34.38 1.10 0.00	32.69 1.01 0.00	31.09 0.94 0.00	29.12 0.88 0.00	26.00 0.78 0.00	23.62 0.73 0.00	21.52 0.53 0.00
REPUBLIC_115KV_BARTNBRK 55605	23.64 2.53 0.00	22.26 2.24 0.00	20.07 1.96 0.00	19.22 1.87 0.00	19.71 1.89 0.00	21.34 2.18 0.00	22.97 2.39 0.00	25.01 2.86 0.00	26.77 3.27 0.00	27.72 3.21 0.00	28.43 3.38 0.02	30.07 3.61 0.12	31.41 3.90 0.13	32.97 4.13 0.00	34.04 4.39 0.00	33.18 3.71 0.00	35.49 3.86 0.00	37.28 3.99 0.00	35.67 3.99 0.00	33.96 3.80 0.00	32.03 3.79 0.00	28.73 3.51 0.00	25.96 3.07 0.00	23.56 2.56 0.00

REVERE_CPPR_DRP 24186	21.76 0.65 0.00	20.58 0.56 0.00	18.53 0.42 0.00	17.73 0.38 0.00	18.23 0.41 0.00	19.66 0.50 0.00	21.18 0.60 0.00	22.89 0.73 0.00	24.32 0.82 0.00	25.35 0.83 0.00	26.12 1.05 0.00	27.69 1.12 0.00	28.78 1.13 0.00	30.06 1.21 0.00	30.80 1.16 0.00	30.41 0.94 0.00	32.67 1.04 0.00	34.49 1.20 0.00	32.91 1.24 0.00	31.39 1.24 0.00	29.43 1.19 0.00	26.18 0.96 0.00	23.62 0.73 0.00	21.67 0.67 0.00
REYNOLDS_115KV_TB3 80639	21.81 0.70 0.00	20.68 0.66 0.00	18.73 0.62 0.00	17.94 0.59 0.00	18.39 0.57 0.00	19.79 0.63 0.00	21.24 0.66 0.00	23.04 0.89 0.00	24.42 0.92 0.00	25.35 0.83 0.00	25.85 0.80 0.02	27.38 0.93 0.13	28.55 1.05 0.14	29.97 1.13 0.00	30.86 1.22 0.00	30.55 1.09 0.00	32.86 1.23 0.00	34.62 1.33 0.00	32.91 1.24 0.00	31.33 1.18 0.00	29.35 1.10 0.00	26.20 0.98 0.00	23.81 0.92 0.00	21.69 0.69 0.00
RIVERBAY____ 323610	22.91 1.79 -0.01	21.61 1.58 -0.01	19.57 1.45 -0.01	18.73 1.37 -0.01	19.26 1.43 -0.01	20.63 1.48 0.00	22.19 1.61 0.00	24.44 2.28 -0.01	25.76 2.26 0.00	26.92 2.40 -0.01	27.51 2.43 -0.02	29.31 2.63 -0.11	30.53 2.76 -0.12	31.77 2.91 -0.01	32.56 2.91 -0.01	32.09 2.62 -0.01	34.64 3.00 -0.01	36.38 3.10 0.00	34.53 2.85 0.00	32.75 2.59 0.00	30.59 2.34 0.00	27.41 2.19 0.00	25.19 2.29 -0.01	22.73 1.72 -0.01
RIVERSDE_115KV_TB3 55908	21.74 0.63 0.00	20.62 0.60 0.00	18.65 0.54 0.00	17.87 0.52 0.00	18.34 0.52 0.00	19.73 0.57 0.00	21.18 0.60 0.00	22.97 0.82 0.00	24.37 0.87 0.00	25.32 0.81 0.00	25.83 0.78 0.02	27.36 0.90 0.12	28.53 1.02 0.13	29.95 1.10 0.00	30.83 1.19 0.00	30.52 1.06 0.00	32.80 1.17 0.00	34.55 1.26 0.00	32.85 1.17 0.00	31.27 1.12 0.00	29.29 1.05 0.00	26.13 0.91 0.00	23.74 0.85 0.00	21.63 0.63 0.00
ROARING__BROOK_WT_PWR 323790	20.54 -0.57 0.00	19.52 -0.50 0.00	17.69 -0.42 0.00	16.97 -0.38 0.00	17.41 -0.41 0.00	18.70 -0.46 0.00	20.09 -0.49 0.00	21.65 -0.51 0.00	23.03 -0.47 0.00	24.15 -0.37 0.00	24.74 -0.33 0.00	26.20 -0.37 0.00	27.20 -0.44 0.00	28.42 -0.43 0.00	29.20 -0.44 0.00	29.08 -0.38 0.00	31.38 -0.25 0.00	33.06 -0.23 0.00	31.49 -0.19 0.00	29.98 -0.18 0.00	27.99 -0.25 0.00	24.89 -0.33 0.00	22.52 -0.37 0.00	20.62 -0.38 0.00
ROCHESRG_115KV_T4 355643	21.59 0.49 0.00	20.24 0.22 0.00	18.20 0.09 0.00	17.45 0.10 0.00	17.93 0.11 0.00	19.29 0.13 0.00	20.70 0.12 0.00	22.22 0.07 0.00	23.67 0.16 0.00	24.78 0.27 0.00	25.52 0.45 0.00	26.95 0.37 0.00	27.92 0.28 0.00	29.14 0.29 0.00	29.91 0.27 0.00	30.02 0.56 0.00	31.76 0.13 0.00	33.35 0.07 0.00	31.77 0.10 0.00	30.37 0.21 0.00	28.44 0.20 0.00	25.47 0.25 0.00	23.03 0.14 0.00	21.40 0.40 0.00
ROCHESTER_9_IC 23652	21.76 0.65 0.00	20.38 0.36 0.00	18.33 0.22 0.00	17.57 0.23 0.00	18.04 0.21 0.00	19.41 0.25 0.00	20.83 0.25 0.00	22.38 0.22 0.00	23.85 0.35 0.00	24.98 0.47 0.00	25.72 0.65 0.00	27.18 0.61 0.00	28.14 0.50 0.00	29.40 0.55 0.00	30.18 0.53 0.00	30.29 0.82 0.00	32.04 0.41 0.00	33.62 0.33 0.00	32.03 0.35 0.00	30.61 0.45 0.00	28.67 0.42 0.00	25.65 0.43 0.00	23.19 0.30 0.00	21.57 0.57 0.00
ROCKVIEW_13_KV_LD 356306	22.52 1.41 0.00	21.26 1.24 0.00	19.23 1.12 0.00	18.42 1.08 0.00	18.93 1.11 0.00	20.38 1.23 0.00	21.96 1.38 0.00	24.08 1.93 0.00	25.50 2.00 0.00	26.60 2.08 0.00	27.06 1.98 -0.02	28.88 2.21 -0.10	30.08 2.32 -0.11	31.30 2.45 0.00	32.11 2.46 0.00	31.79 2.33 0.00	34.29 2.66 0.00	35.95 2.66 0.00	34.12 2.44 0.00	32.42 2.26 0.00	30.37 2.12 0.00	27.11 1.89 0.00	24.75 1.85 0.00	22.39 1.39 0.00
ROME____115KV_TB2 80656	21.76 0.65 0.00	20.58 0.56 0.00	18.53 0.42 0.00	17.73 0.38 0.00	18.23 0.41 0.00	19.66 0.50 0.00	21.18 0.60 0.00	22.89 0.73 0.00	24.32 0.82 0.00	25.35 0.83 0.00	26.12 1.05 0.00	27.69 1.12 0.00	28.78 1.13 0.00	30.06 1.21 0.00	30.80 1.16 0.00	30.41 0.94 0.00	32.67 1.04 0.00	34.49 1.20 0.00	32.91 1.24 0.00	31.39 1.24 0.00	29.43 1.19 0.00	26.18 0.96 0.00	23.62 0.73 0.00	21.67 0.67 0.00
ROSETON__1 23587	22.21 1.10 0.00	20.98 0.96 0.00	18.98 0.87 0.00	18.18 0.83 0.00	18.68 0.86 0.00	20.08 0.92 0.00	21.63 1.05 0.00	23.59 1.44 0.00	24.96 1.46 0.00	26.01 1.50 0.00	26.48 1.40 -0.01	28.23 1.57 -0.09	29.40 1.66 -0.10	30.58 1.73 0.00	31.46 1.81 0.00	31.17 1.71 0.00	33.56 1.93 0.00	35.25 1.96 0.00	33.48 1.80 0.00	31.84 1.69 0.00	29.83 1.58 0.00	26.66 1.44 0.00	24.31 1.42 0.00	22.07 1.07 0.00
ROSETON__2 23588	22.21 1.10 0.00	20.98 0.96 0.00	18.98 0.87 0.00	18.18 0.83 0.00	18.68 0.86 0.00	20.08 0.92 0.00	21.63 1.05 0.00	23.59 1.44 0.00	24.96 1.46 0.00	26.01 1.50 0.00	26.48 1.40 -0.01	28.23 1.57 -0.09	29.40 1.66 -0.10	30.58 1.73 0.00	31.46 1.81 0.00	31.17 1.71 0.00	33.56 1.93 0.00	35.25 1.96 0.00	33.48 1.80 0.00	31.84 1.69 0.00	29.83 1.58 0.00	26.66 1.44 0.00	24.31 1.42 0.00	22.07 1.07 0.00
ROTTTRDAM_115KV_TB3 80664	21.97 0.87 0.00	20.80 0.78 0.00	18.82 0.71 0.00	18.02 0.68 0.00	18.50 0.68 0.00	19.91 0.75 0.00	21.40 0.82 0.00	23.20 1.04 0.00	24.61 1.10 0.00	25.59 1.08 0.00	26.13 1.08 0.02	27.65 1.17 0.10	28.83 1.30 0.11	30.23 1.38 0.00	31.10 1.45 0.00	30.79 1.33 0.00	33.08 1.45 0.00	34.85 1.56 0.00	33.17 1.49 0.00	31.57 1.42 0.00	29.57 1.33 0.00	26.43 1.21 0.00	23.99 1.10 0.00	21.88 0.88 0.00
RUSSELL__1 23602	21.87 0.76 0.00	20.48 0.46 0.00	18.40 0.29 0.00	17.64 0.29 0.00	18.13 0.30 0.00	19.50 0.34 0.00	20.95 0.37 0.00	22.49 0.33 0.00	24.02 0.52 0.00	25.15 0.64 0.00	25.89 0.83 0.00	27.37 0.80 0.00	28.33 0.69 0.00	29.60 0.75 0.00	30.39 0.74 0.00	30.50 1.03 0.00	32.23 0.60 0.00	33.85 0.57 0.00	32.22 0.54 0.00	30.82 0.66 0.00	28.87 0.62 0.00	25.82 0.61 0.00	23.35 0.46 0.00	21.69 0.69 0.00
RUSSELL__2 23532	21.87 0.76 0.00	20.48 0.46 0.00	18.40 0.29 0.00	17.64 0.29 0.00	18.13 0.30 0.00	19.50 0.34 0.00	20.95 0.37 0.00	22.49 0.33 0.00	24.02 0.52 0.00	25.15 0.64 0.00	25.89 0.83 0.00	27.37 0.80 0.00	28.33 0.69 0.00	29.60 0.75 0.00	30.39 0.74 0.00	30.50 1.03 0.00	32.23 0.60 0.00	33.85 0.57 0.00	32.22 0.54 0.00	30.82 0.66 0.00	28.87 0.62 0.00	25.82 0.61 0.00	23.35 0.46 0.00	21.69 0.69 0.00
RUSSELL__3 23549	21.87 0.76 0.00	20.48 0.46 0.00	18.40 0.29 0.00	17.64 0.29 0.00	18.13 0.30 0.00	19.50 0.34 0.00	20.95 0.37 0.00	22.49 0.33 0.00	24.02 0.52 0.00	25.15 0.64 0.00	25.89 0.83 0.00	27.37 0.80 0.00	28.33 0.69 0.00	29.60 0.75 0.00	30.39 0.74 0.00	30.50 1.03 0.00	32.23 0.60 0.00	33.85 0.57 0.00	32.22 0.54 0.00	30.82 0.66 0.00	28.87 0.62 0.00	25.82 0.61 0.00	23.35 0.46 0.00	21.69 0.69 0.00

RUSSELL___4 23556	21.87 0.76 0.00	20.48 0.46 0.00	18.40 0.29 0.00	17.64 0.29 0.00	18.13 0.30 0.00	19.50 0.34 0.00	20.95 0.37 0.00	22.49 0.33 0.00	24.02 0.52 0.00	25.15 0.64 0.00	25.89 0.83 0.00	27.37 0.80 0.00	28.33 0.69 0.00	29.60 0.75 0.00	30.39 0.74 0.00	30.50 1.03 0.00	32.23 0.60 0.00	33.85 0.57 0.00	32.22 0.54 0.00	30.82 0.66 0.00	28.87 0.62 0.00	25.82 0.61 0.00	23.35 0.46 0.00	21.69 0.69 0.00
RUSSELL___STATION 23914	21.87 0.76 0.00	20.48 0.46 0.00	18.40 0.29 0.00	17.64 0.29 0.00	18.13 0.30 0.00	19.50 0.34 0.00	20.95 0.37 0.00	22.49 0.33 0.00	24.02 0.52 0.00	25.15 0.64 0.00	25.89 0.83 0.00	27.37 0.80 0.00	28.33 0.69 0.00	29.60 0.75 0.00	30.39 0.74 0.00	30.50 1.03 0.00	32.23 0.60 0.00	33.85 0.57 0.00	32.22 0.54 0.00	30.82 0.66 0.00	28.87 0.62 0.00	25.82 0.61 0.00	23.35 0.46 0.00	21.69 0.69 0.00
S SALMON___HYD 24043	21.00 -0.11 0.00	19.84 -0.18 0.00	17.93 -0.18 0.00	17.17 -0.17 0.00	17.65 -0.18 0.00	18.99 -0.17 0.00	20.42 -0.17 0.00	21.96 -0.20 0.00	23.27 -0.23 0.00	24.29 -0.22 0.00	24.92 -0.15 0.00	26.39 -0.18 0.00	27.42 -0.22 0.00	28.53 -0.32 0.00	29.29 -0.35 0.00	29.08 -0.38 0.00	31.19 -0.44 0.00	32.92 -0.37 0.00	31.39 -0.29 0.00	29.95 -0.21 0.00	28.08 -0.17 0.00	25.04 -0.18 0.00	22.66 -0.23 0.00	20.98 -0.02 0.00
S.PERRY___115KV_TB1 80734	22.48 1.37 0.00	20.96 0.94 0.00	18.83 0.72 0.00	18.08 0.73 0.00	18.57 0.75 0.00	19.98 0.82 0.00	21.42 0.84 0.00	22.91 0.75 0.00	24.25 0.75 0.00	25.30 0.78 0.00	26.15 1.08 0.00	27.56 0.98 0.00	28.58 0.94 0.00	29.77 0.92 0.00	30.63 0.98 0.00	31.00 1.53 0.00	32.67 1.04 0.00	34.29 1.00 0.00	32.69 1.01 0.00	31.42 1.27 0.00	29.57 1.33 0.00	26.51 1.29 0.00	23.94 1.05 0.00	22.28 1.28 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	21.89 0.78 0.00	20.40 0.38 0.00	18.31 0.20 0.00	17.59 0.24 0.00	18.07 0.25 0.00	19.37 0.21 0.00	20.72 0.14 0.00	22.13 -0.02 0.00	23.55 0.05 0.00	24.68 0.17 0.00	25.52 0.45 0.00	26.92 0.35 0.00	27.75 0.11 0.00	28.94 0.09 0.00	29.77 0.12 0.00	30.14 0.68 0.00	31.57 -0.06 0.00	33.02 -0.27 0.00	31.49 -0.19 0.00	30.10 -0.06 0.00	28.28 0.03 0.00	25.45 0.23 0.00	22.98 0.09 0.00	21.59 0.59 0.00
SAWYER___23_KV_LOAD 55526	21.89 0.78 0.00	20.40 0.38 0.00	18.31 0.20 0.00	17.59 0.24 0.00	18.07 0.25 0.00	19.37 0.21 0.00	20.72 0.14 0.00	22.13 -0.02 0.00	23.55 0.05 0.00	24.68 0.17 0.00	25.52 0.45 0.00	26.92 0.35 0.00	27.75 0.11 0.00	28.94 0.09 0.00	29.77 0.12 0.00	30.14 0.68 0.00	31.57 -0.06 0.00	33.02 -0.27 0.00	31.49 -0.19 0.00	30.10 -0.06 0.00	28.28 0.03 0.00	25.45 0.23 0.00	22.98 0.09 0.00	21.59 0.59 0.00
SELKIRK___I 23801	21.89 0.78 0.00	20.74 0.72 0.00	18.74 0.63 0.00	17.97 0.62 0.00	18.45 0.62 0.00	19.83 0.67 0.00	21.30 0.72 0.00	23.09 0.93 0.00	24.47 0.96 0.00	25.42 0.91 0.00	25.98 0.93 0.01	27.54 1.04 0.07	28.70 1.13 0.08	30.06 1.21 0.00	30.92 1.27 0.00	30.64 1.18 0.00	32.93 1.30 0.00	34.69 1.40 0.00	32.98 1.30 0.00	31.39 1.24 0.00	29.43 1.19 0.00	26.28 1.06 0.00	23.85 0.96 0.00	21.75 0.75 0.00
SELKIRK___II 23799	21.76 0.66 0.00	20.60 0.58 0.00	18.64 0.53 0.00	17.87 0.52 0.00	18.34 0.52 0.00	19.71 0.56 0.00	21.18 0.60 0.00	22.95 0.80 0.00	24.32 0.82 0.00	25.30 0.78 0.00	25.81 0.75 0.01	27.37 0.88 0.08	28.52 0.97 0.09	29.86 1.01 0.00	30.74 1.10 0.00	30.47 1.00 0.00	32.74 1.11 0.00	34.48 1.20 0.00	32.79 1.11 0.00	31.21 1.05 0.00	29.24 0.99 0.00	26.10 0.88 0.00	23.71 0.82 0.00	21.63 0.63 0.00
SENECA OSWGO___HYD 24041	20.96 -0.15 0.00	19.80 -0.22 0.00	17.89 -0.22 0.00	17.14 -0.21 0.00	17.61 -0.21 0.00	18.93 -0.23 0.00	20.35 -0.23 0.00	21.87 -0.29 0.00	23.20 -0.31 0.00	24.22 -0.29 0.00	24.84 -0.23 0.00	26.31 -0.27 0.00	27.34 -0.30 0.00	28.56 -0.29 0.00	29.32 -0.33 0.00	29.20 -0.27 0.00	31.22 -0.41 0.00	32.85 -0.43 0.00	31.27 -0.41 0.00	29.80 -0.36 0.00	27.91 -0.34 0.00	24.92 -0.30 0.00	22.62 -0.27 0.00	20.87 -0.13 0.00
SENECA___115KV_TB3 355854	22.14 1.03 0.00	20.60 0.58 0.00	18.51 0.40 0.00	17.78 0.43 0.00	18.25 0.43 0.00	19.58 0.42 0.00	20.97 0.39 0.00	22.42 0.27 0.00	23.88 0.38 0.00	25.03 0.51 0.00	25.89 0.83 0.00	27.32 0.74 0.00	28.17 0.53 0.00	29.40 0.55 0.00	30.21 0.56 0.00	30.61 1.15 0.00	32.04 0.41 0.00	33.52 0.23 0.00	31.93 0.25 0.00	30.52 0.36 0.00	28.67 0.42 0.00	25.80 0.58 0.00	23.28 0.39 0.00	21.84 0.84 0.00
SENECA___ENERGY 23797	21.47 0.36 0.00	20.18 0.16 0.00	18.24 0.13 0.00	17.45 0.10 0.00	17.95 0.13 0.00	19.31 0.15 0.00	20.79 0.21 0.00	22.35 0.20 0.00	23.76 0.26 0.00	24.83 0.32 0.00	25.57 0.50 0.00	27.05 0.48 0.00	28.08 0.44 0.00	29.34 0.49 0.00	30.06 0.41 0.00	30.02 0.56 0.00	31.95 0.32 0.00	33.59 0.30 0.00	32.03 0.35 0.00	30.55 0.39 0.00	28.64 0.40 0.00	25.57 0.35 0.00	23.14 0.25 0.00	21.36 0.36 0.00
SHOEMAKER___GT 23640	22.12 1.01 0.00	20.90 0.88 0.00	18.89 0.78 0.00	18.11 0.76 0.00	18.59 0.77 0.00	19.96 0.80 0.00	21.49 0.90 0.00	23.37 1.22 0.00	24.72 1.22 0.00	25.74 1.23 0.00	26.21 1.13 -0.01	27.93 1.28 -0.08	29.06 1.33 -0.09	30.26 1.41 0.00	31.16 1.51 0.00	30.91 1.44 0.00	33.27 1.64 0.00	34.95 1.66 0.00	33.23 1.55 0.00	31.60 1.45 0.00	29.60 1.36 0.00	26.51 1.29 0.00	24.13 1.24 0.00	21.97 0.97 0.00
SHOEMAKR_138KV_BK 111 55601	22.10 0.99 0.00	20.88 0.86 0.00	18.89 0.78 0.00	18.09 0.75 0.00	18.57 0.75 0.00	19.94 0.79 0.00	21.49 0.91 0.00	23.37 1.22 0.00	24.72 1.22 0.00	25.76 1.25 0.00	26.23 1.15 -0.01	27.93 1.28 -0.08	29.09 1.35 -0.09	30.32 1.47 0.00	31.13 1.48 0.00	30.88 1.41 0.00	33.24 1.61 0.00	34.95 1.66 0.00	33.23 1.55 0.00	31.60 1.45 0.00	29.57 1.33 0.00	26.48 1.26 0.00	24.13 1.24 0.00	21.94 0.94 0.00
SHOREHAM_IC_1 23715	37.38 2.53 -13.74	30.54 2.32 -8.20	27.89 2.08 -7.70	24.44 1.96 -5.14	25.09 2.01 -5.26	27.85 2.18 -6.51	27.61 2.43 -4.60	31.57 3.14 -6.27	34.60 3.29 -7.81	39.98 3.43 -12.04	40.92 3.23 -12.62	41.40 3.48 -11.35	47.93 3.65 -16.64	48.17 3.81 -15.51	57.87 3.88 -24.34	52.70 3.80 -19.44	57.72 4.17 -21.91	69.23 4.33 -31.62	55.67 4.09 -19.90	45.63 3.89 -11.58	49.78 3.65 -17.89	44.81 3.28 -16.31	39.71 3.16 -13.66	33.52 2.60 -9.91
SHOREHAM_IC_2 23716	37.38 2.53 -13.74	30.54 2.32 -8.20	27.89 2.08 -7.70	24.44 1.96 -5.14	25.09 2.01 -5.26	27.85 2.18 -6.51	27.61 2.43 -4.60	31.57 3.14 -6.27	34.60 3.29 -7.81	39.98 3.43 -12.04	40.92 3.23 -12.62	41.40 3.48 -11.35	47.93 3.65 -16.64	48.17 3.81 -15.51	57.87 3.88 -24.34	52.70 3.80 -19.44	57.72 4.17 -21.91	69.23 4.33 -31.62	55.67 4.09 -19.90	45.63 3.89 -11.58	49.78 3.65 -17.89	44.81 3.28 -16.31	39.71 3.16 -13.66	33.52 2.60 -9.91

SISSONVILLE____ 23735	19.84 -1.27 0.00	18.96 -1.06 0.00	17.24 -0.87 0.00	16.48 -0.87 0.00	16.99 -0.84 0.00	18.24 -0.92 0.00	19.47 -1.11 0.00	20.87 -1.28 0.00	22.21 -1.29 0.00	23.21 -1.30 0.00	23.76 -1.30 0.00	25.19 -1.38 0.00	26.21 -1.44 0.00	27.23 -1.62 0.00	27.96 -1.69 0.00	27.70 -1.77 0.00	29.92 -1.71 0.00	31.56 -1.73 0.00	30.09 -1.58 0.00	28.68 -1.48 0.00	26.83 -1.41 0.00	23.86 -1.36 0.00	21.54 -1.35 0.00	19.74 -1.26 0.00
SITHE_IND_GS1 24169	20.71 -0.40 0.00	19.56 -0.46 0.00	17.71 -0.40 0.00	16.97 -0.38 0.00	17.43 -0.39 0.00	18.72 -0.44 0.00	20.11 -0.47 0.00	21.56 -0.60 0.00	22.87 -0.63 0.00	23.87 -0.64 0.00	24.47 -0.60 0.00	25.88 -0.69 0.00	26.92 -0.72 0.00	28.10 -0.75 0.00	28.85 -0.80 0.00	28.73 -0.74 0.00	30.74 -0.89 0.00	32.36 -0.93 0.00	30.79 -0.89 0.00	29.34 -0.81 0.00	27.49 -0.76 0.00	24.54 -0.68 0.00	22.27 -0.62 0.00	20.58 -0.42 0.00
SITHE_IND_GS2 24170	20.71 -0.40 0.00	19.56 -0.46 0.00	17.71 -0.40 0.00	16.97 -0.38 0.00	17.43 -0.39 0.00	18.72 -0.44 0.00	20.11 -0.47 0.00	21.56 -0.60 0.00	22.87 -0.63 0.00	23.87 -0.64 0.00	24.47 -0.60 0.00	25.88 -0.69 0.00	26.92 -0.72 0.00	28.10 -0.75 0.00	28.85 -0.80 0.00	28.73 -0.74 0.00	30.74 -0.89 0.00	32.36 -0.93 0.00	30.79 -0.89 0.00	29.34 -0.81 0.00	27.49 -0.76 0.00	24.54 -0.68 0.00	22.27 -0.62 0.00	20.58 -0.42 0.00
SITHE_IND_GS3 24171	20.71 -0.40 0.00	19.56 -0.46 0.00	17.71 -0.40 0.00	16.97 -0.38 0.00	17.43 -0.39 0.00	18.72 -0.44 0.00	20.11 -0.47 0.00	21.56 -0.60 0.00	22.87 -0.63 0.00	23.87 -0.64 0.00	24.47 -0.60 0.00	25.88 -0.69 0.00	26.92 -0.72 0.00	28.10 -0.75 0.00	28.85 -0.80 0.00	28.73 -0.74 0.00	30.74 -0.89 0.00	32.36 -0.93 0.00	30.79 -0.89 0.00	29.34 -0.81 0.00	27.49 -0.76 0.00	24.54 -0.68 0.00	22.27 -0.62 0.00	20.58 -0.42 0.00
SITHE_IND_GS4 24172	20.71 -0.40 0.00	19.56 -0.46 0.00	17.71 -0.40 0.00	16.97 -0.38 0.00	17.43 -0.39 0.00	18.72 -0.44 0.00	20.11 -0.47 0.00	21.56 -0.60 0.00	22.87 -0.63 0.00	23.87 -0.64 0.00	24.47 -0.60 0.00	25.88 -0.69 0.00	26.92 -0.72 0.00	28.10 -0.75 0.00	28.85 -0.80 0.00	28.73 -0.74 0.00	30.74 -0.89 0.00	32.36 -0.93 0.00	30.79 -0.89 0.00	29.34 -0.81 0.00	27.49 -0.76 0.00	24.54 -0.68 0.00	22.27 -0.62 0.00	20.58 -0.42 0.00
SITHE____BATAVIA 24024	22.25 1.14 0.00	20.72 0.70 0.00	18.73 0.62 0.00	17.87 0.52 0.00	18.34 0.52 0.00	19.71 0.56 0.00	21.10 0.51 0.00	22.60 0.44 0.00	24.11 0.61 0.00	25.22 0.71 0.00	26.10 1.03 0.00	27.53 0.96 0.00	28.42 0.77 0.00	29.69 0.84 0.00	30.33 0.68 0.00	30.56 1.09 0.00	32.13 0.50 0.00	33.72 0.43 0.00	32.15 0.48 0.00	30.82 0.66 0.00	28.92 0.68 0.00	25.95 0.73 0.00	23.44 0.55 0.00	21.92 0.92 0.00
SITHE____INDEPEND 23800	20.71 -0.40 0.00	19.56 -0.46 0.00	17.69 -0.42 0.00	16.97 -0.38 0.00	17.43 -0.39 0.00	18.72 -0.44 0.00	20.11 -0.47 0.00	21.56 -0.60 0.00	22.87 -0.63 0.00	23.87 -0.64 0.00	24.47 -0.60 0.00	25.88 -0.69 0.00	26.92 -0.72 0.00	28.10 -0.75 0.00	28.88 -0.77 0.00	28.73 -0.74 0.00	30.74 -0.89 0.00	32.36 -0.93 0.00	30.79 -0.89 0.00	29.34 -0.81 0.00	27.48 -0.76 0.00	24.54 -0.68 0.00	22.27 -0.62 0.00	20.58 -0.42 0.00
SITHE____MASSENA 23902	20.56 -0.55 0.00	19.62 -0.40 0.00	17.84 -0.27 0.00	17.07 -0.28 0.00	17.56 -0.27 0.00	18.85 -0.31 0.00	20.11 -0.47 0.00	21.56 -0.60 0.00	22.89 -0.61 0.00	23.92 -0.59 0.00	24.49 -0.58 0.00	25.96 -0.61 0.00	27.01 -0.63 0.00	28.10 -0.75 0.00	28.85 -0.80 0.00	28.61 -0.86 0.00	30.84 -0.79 0.00	32.49 -0.80 0.00	30.95 -0.73 0.00	29.46 -0.69 0.00	27.57 -0.68 0.00	24.56 -0.66 0.00	22.23 -0.66 0.00	20.39 -0.61 0.00
SITHE____OGDNSBRG 24021	20.50 -0.61 0.00	19.58 -0.44 0.00	17.78 -0.33 0.00	17.00 -0.35 0.00	17.50 -0.32 0.00	18.83 -0.33 0.00	20.09 -0.49 0.00	21.53 -0.62 0.00	22.87 -0.63 0.00	23.87 -0.64 0.00	24.49 -0.58 0.00	25.96 -0.61 0.00	27.04 -0.61 0.00	28.10 -0.75 0.00	28.85 -0.80 0.00	28.52 -0.94 0.00	30.78 -0.85 0.00	32.42 -0.87 0.00	30.95 -0.73 0.00	29.52 -0.63 0.00	27.65 -0.59 0.00	24.59 -0.63 0.00	22.20 -0.69 0.00	20.33 -0.67 0.00
SITHE____STERLING 23777	21.66 0.55 0.00	20.48 0.46 0.00	18.47 0.36 0.00	17.68 0.33 0.00	18.16 0.34 0.00	19.56 0.40 0.00	21.07 0.49 0.00	22.75 0.60 0.00	24.16 0.66 0.00	25.20 0.69 0.00	25.94 0.88 0.00	27.50 0.93 0.00	28.58 0.94 0.00	29.86 1.01 0.00	30.51 0.86 0.00	30.26 0.80 0.00	32.48 0.85 0.00	34.25 0.97 0.00	32.66 0.98 0.00	31.12 0.96 0.00	29.18 0.93 0.00	26.00 0.78 0.00	23.51 0.62 0.00	21.57 0.57 0.00
SLEIGHT__34_KV_TB1 80719	21.85 0.74 0.00	20.56 0.54 0.00	18.53 0.42 0.00	17.75 0.40 0.00	18.25 0.43 0.00	19.68 0.52 0.00	21.20 0.62 0.00	22.82 0.66 0.00	24.32 0.82 0.00	25.42 0.91 0.00	26.27 1.20 0.00	27.77 1.20 0.00	28.86 1.22 0.00	30.09 1.24 0.00	30.92 1.27 0.00	30.79 1.33 0.00	32.74 1.11 0.00	34.42 1.13 0.00	32.76 1.08 0.00	31.21 1.06 0.00	29.21 0.96 0.00	26.05 0.83 0.00	23.56 0.66 0.00	21.76 0.76 0.00
SOUTH CAIRO____GT 23612	22.46 1.35 0.00	21.20 1.18 0.00	19.14 1.03 0.00	18.34 0.99 0.00	18.82 1.00 0.00	20.13 0.98 0.00	21.67 1.09 0.00	23.39 1.24 0.00	24.75 1.24 0.00	25.62 1.10 0.00	26.11 1.05 0.01	27.90 1.38 0.05	29.10 1.52 0.06	30.29 1.44 0.00	31.28 1.63 0.00	31.02 1.56 0.00	33.34 1.71 0.00	35.25 1.96 0.00	33.61 1.93 0.00	32.09 1.93 0.00	30.00 1.75 0.00	26.96 1.74 0.00	24.38 1.49 0.00	22.20 1.20 0.00
SOUTH HAMPTN____IC 23720	37.81 3.00 -13.71	30.94 2.72 -8.20	28.25 2.44 -7.70	24.77 2.29 -5.14	25.43 2.35 -5.26	28.24 2.57 -6.51	28.02 2.84 -4.60	32.04 3.61 -6.27	35.14 3.83 -7.80	40.44 4.04 -11.88	41.49 3.91 -12.51	41.96 4.20 -11.19	48.60 4.37 -16.59	48.81 4.59 -15.38	58.23 4.71 -23.87	53.25 4.59 -19.19	58.12 5.03 -21.46	69.20 5.23 -30.68	56.08 4.91 -19.49	46.28 4.64 -11.48	50.16 4.32 -17.59	45.12 3.88 -16.02	39.98 3.66 -13.43	33.92 3.04 -9.88
SOUTHDOW__115KV_TB1 355954	22.86 1.75 0.00	21.22 1.20 0.00	19.03 0.92 0.00	18.27 0.92 0.00	18.77 0.94 0.00	20.15 1.00 0.00	21.65 1.07 0.00	23.37 1.22 0.00	25.01 1.50 0.00	26.18 1.67 0.00	27.17 2.11 0.00	28.54 1.97 0.00	29.36 1.71 0.00	30.67 1.82 0.00	31.49 1.84 0.00	31.82 2.36 0.00	33.15 1.52 0.00	34.55 1.26 0.00	32.91 1.24 0.00	31.51 1.36 0.00	29.74 1.50 0.00	26.73 1.51 0.00	24.10 1.21 0.00	22.62 1.62 0.00
SOUTHOLD_69_KV_BK 2 55809	38.37 3.55 -13.71	31.42 3.20 -8.20	28.68 2.88 -7.70	25.19 2.71 -5.14	25.86 2.78 -5.26	28.68 3.01 -6.51	28.51 3.33 -4.60	32.59 4.17 -6.27	35.80 4.49 -7.80	41.13 4.73 -11.88	42.29 4.71 -12.51	42.81 5.05 -11.19	49.52 5.28 -16.59	49.79 5.57 -15.38	59.25 5.72 -23.88	54.20 5.54 -19.20	59.14 6.04 -21.46	70.24 6.26 -30.69	57.09 5.92 -19.49	47.19 5.55 -11.48	48.26 5.20 -14.81	45.89 4.64 -16.03	40.62 4.30 -13.43	34.47 3.59 -9.88

SOUTHOLD___IC 23719	38.36 3.55 -13.71	31.42 3.20 -8.20	28.67 2.86 -7.70	25.19 2.70 -5.14	25.86 2.78 -5.26	28.68 3.01 -6.51	28.51 3.33 -4.60	32.59 4.16 -6.27	35.80 4.49 -7.80	41.13 4.73 -11.88	42.32 4.74 -12.51	42.81 5.05 -11.19	49.46 5.23 -16.59	49.74 5.51 -15.38	59.16 5.63 -23.88	54.20 5.54 -19.20	59.11 6.01 -21.46	70.23 6.26 -30.69	57.09 5.92 -19.49	47.22 5.58 -11.48	51.01 5.17 -17.60	45.89 4.64 -16.03	40.60 4.28 -13.43	34.47 3.59 -9.88
SPIERFLS_115KV_TB 1 80737	22.21 1.10 0.00	20.98 0.96 0.00	18.94 0.83 0.00	18.14 0.80 0.00	18.61 0.78 0.00	20.10 0.94 0.00	21.59 1.01 0.00	23.44 1.28 0.00	24.94 1.43 0.00	25.88 1.37 0.00	26.25 1.20 0.02	27.65 1.20 0.12	28.92 1.41 0.13	30.38 1.53 0.00	31.28 1.63 0.00	30.91 1.44 0.00	33.15 1.52 0.00	34.95 1.66 0.00	33.52 1.84 0.00	31.91 1.75 0.00	29.94 1.69 0.00	26.83 1.61 0.00	24.38 1.49 0.00	22.18 1.18 0.00
ST LAWRENCE____ 23600	20.43 -0.68 0.00	19.50 -0.52 0.00	17.68 -0.43 0.00	16.93 -0.42 0.00	17.41 -0.41 0.00	18.70 -0.46 0.00	20.05 -0.54 0.00	21.45 -0.71 0.00	22.80 -0.70 0.00	23.80 -0.71 0.00	24.34 -0.73 0.00	25.80 -0.77 0.00	26.84 -0.80 0.00	27.93 -0.92 0.00	28.70 -0.95 0.00	28.52 -0.94 0.00	30.71 -0.92 0.00	32.36 -0.93 0.00	30.79 -0.89 0.00	29.31 -0.84 0.00	27.43 -0.82 0.00	24.46 -0.76 0.00	22.16 -0.73 0.00	20.33 -0.67 0.00
STATE_CA_115KV_115_LB 55624	21.76 0.65 0.00	20.62 0.60 0.00	18.65 0.54 0.00	17.87 0.52 0.00	18.34 0.52 0.00	19.73 0.57 0.00	21.18 0.60 0.00	23.00 0.84 0.00	24.40 0.89 0.00	25.35 0.83 0.00	25.88 0.83 0.02	27.45 0.98 0.11	28.62 1.11 0.13	30.03 1.18 0.00	30.92 1.27 0.00	30.58 1.12 0.00	32.86 1.23 0.00	34.62 1.33 0.00	32.91 1.24 0.00	31.30 1.15 0.00	29.32 1.07 0.00	26.15 0.93 0.00	23.76 0.87 0.00	21.63 0.63 0.00
STATE_ST_34_KV_LOAD 55959	21.68 0.57 0.00	20.42 0.40 0.00	18.44 0.33 0.00	17.68 0.33 0.00	18.16 0.34 0.00	19.54 0.38 0.00	21.05 0.47 0.00	22.66 0.51 0.00	24.09 0.59 0.00	25.17 0.66 0.00	25.77 0.70 0.00	27.26 0.69 0.00	28.33 0.69 0.00	29.54 0.69 0.00	30.39 0.74 0.00	30.44 0.97 0.00	32.45 0.82 0.00	34.12 0.83 0.00	32.50 0.82 0.00	30.94 0.78 0.00	28.98 0.73 0.00	25.88 0.66 0.00	23.44 0.55 0.00	21.59 0.59 0.00
STATION 5_MISC_HYD 23604	21.76 0.66 0.00	20.38 0.36 0.00	18.38 0.27 0.00	17.57 0.22 0.00	18.04 0.21 0.00	19.41 0.25 0.00	20.85 0.27 0.00	22.38 0.22 0.00	23.86 0.35 0.00	24.98 0.46 0.00	25.72 0.65 0.00	27.18 0.61 0.00	28.17 0.52 0.00	29.43 0.58 0.00	30.15 0.50 0.00	30.20 0.74 0.00	31.98 0.35 0.00	33.62 0.33 0.00	32.03 0.35 0.00	30.61 0.45 0.00	28.67 0.42 0.00	25.65 0.43 0.00	23.21 0.32 0.00	21.57 0.57 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	21.70 0.59 0.00	20.34 0.32 0.00	18.31 0.20 0.00	17.54 0.19 0.00	18.02 0.20 0.00	19.43 0.27 0.00	20.87 0.29 0.00	22.47 0.31 0.00	23.95 0.45 0.00	25.05 0.54 0.00	25.84 0.78 0.00	27.32 0.74 0.00	28.31 0.66 0.00	29.57 0.72 0.00	30.36 0.71 0.00	30.35 0.88 0.00	32.14 0.51 0.00	33.72 0.43 0.00	32.12 0.44 0.00	30.73 0.57 0.00	28.76 0.51 0.00	25.70 0.48 0.00	23.23 0.34 0.00	21.52 0.52 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	21.57 0.46 0.00	20.20 0.18 0.00	18.16 0.05 0.00	17.42 0.07 0.00	17.90 0.07 0.00	19.25 0.10 0.00	20.68 0.10 0.00	22.22 0.07 0.00	23.71 0.21 0.00	24.83 0.32 0.00	25.59 0.53 0.00	27.05 0.48 0.00	28.00 0.36 0.00	29.25 0.40 0.00	30.03 0.39 0.00	30.08 0.62 0.00	31.85 0.22 0.00	33.42 0.13 0.00	31.84 0.16 0.00	30.43 0.27 0.00	28.47 0.23 0.00	25.47 0.25 0.00	23.03 0.14 0.00	21.38 0.38 0.00
STA_56___34_KV_BUS2 355983	21.57 0.46 0.00	20.20 0.18 0.00	18.16 0.05 0.00	17.42 0.07 0.00	17.90 0.07 0.00	19.25 0.10 0.00	20.68 0.10 0.00	22.22 0.07 0.00	23.71 0.21 0.00	24.83 0.32 0.00	25.59 0.53 0.00	27.05 0.48 0.00	28.00 0.36 0.00	29.25 0.40 0.00	30.03 0.39 0.00	30.08 0.62 0.00	31.85 0.22 0.00	33.42 0.13 0.00	31.84 0.16 0.00	30.43 0.27 0.00	28.47 0.23 0.00	25.47 0.25 0.00	23.03 0.14 0.00	21.38 0.38 0.00
STA_67___115KV_BK2 355882	21.70 0.59 0.00	20.32 0.30 0.00	18.27 0.16 0.00	17.52 0.17 0.00	18.00 0.18 0.00	19.37 0.21 0.00	20.79 0.21 0.00	22.31 0.16 0.00	23.78 0.28 0.00	24.90 0.39 0.00	25.64 0.58 0.00	27.10 0.53 0.00	28.06 0.41 0.00	29.28 0.43 0.00	30.09 0.44 0.00	30.20 0.74 0.00	31.91 0.28 0.00	33.52 0.23 0.00	31.93 0.25 0.00	30.52 0.36 0.00	28.59 0.34 0.00	25.60 0.38 0.00	23.14 0.25 0.00	21.50 0.50 0.00
STA_7___115KV_9TRANS 80674	21.87 0.76 0.00	20.48 0.46 0.00	18.40 0.29 0.00	17.64 0.29 0.00	18.13 0.30 0.00	19.50 0.34 0.00	20.95 0.37 0.00	22.49 0.33 0.00	24.02 0.52 0.00	25.15 0.64 0.00	25.89 0.83 0.00	27.37 0.80 0.00	28.33 0.69 0.00	29.60 0.75 0.00	30.39 0.74 0.00	30.50 1.03 0.00	32.23 0.60 0.00	33.85 0.57 0.00	32.22 0.54 0.00	30.82 0.66 0.00	28.87 0.62 0.00	25.82 0.61 0.00	23.35 0.46 0.00	21.69 0.69 0.00
STA_82___115KV_TB1 80780	21.72 0.61 0.00	20.34 0.32 0.00	18.29 0.18 0.00	17.54 0.19 0.00	18.02 0.20 0.00	19.39 0.23 0.00	20.81 0.23 0.00	22.33 0.18 0.00	23.81 0.31 0.00	24.93 0.42 0.00	25.67 0.60 0.00	27.13 0.56 0.00	28.09 0.44 0.00	29.31 0.46 0.00	30.12 0.47 0.00	30.23 0.77 0.00	31.95 0.32 0.00	33.55 0.27 0.00	31.93 0.25 0.00	30.55 0.39 0.00	28.61 0.37 0.00	25.62 0.40 0.00	23.17 0.27 0.00	21.52 0.52 0.00
STEEL___WIND 323596	22.12 1.01 0.00	20.58 0.56 0.00	18.62 0.51 0.00	17.76 0.42 0.00	18.23 0.41 0.00	19.56 0.40 0.00	20.95 0.37 0.00	22.40 0.24 0.00	23.86 0.35 0.00	24.98 0.46 0.00	25.87 0.80 0.00	27.29 0.72 0.00	28.17 0.52 0.00	29.46 0.61 0.00	30.12 0.47 0.00	30.44 0.97 0.00	31.91 0.28 0.00	33.45 0.17 0.00	31.90 0.22 0.00	30.46 0.30 0.00	28.64 0.40 0.00	25.77 0.55 0.00	23.28 0.39 0.00	21.82 0.82 0.00
STEPHTWN_115KV_BK_2 55603	21.87 0.76 0.00	20.72 0.70 0.00	18.73 0.62 0.00	17.95 0.61 0.00	18.43 0.61 0.00	19.83 0.67 0.00	21.30 0.72 0.00	23.13 0.97 0.00	24.54 1.03 0.00	25.47 0.96 0.00	26.03 0.98 0.02	27.58 1.12 0.11	28.79 1.27 0.12	30.21 1.36 0.00	31.07 1.42 0.00	30.73 1.27 0.00	33.02 1.39 0.00	34.82 1.53 0.00	33.10 1.43 0.00	31.48 1.33 0.00	29.49 1.24 0.00	26.30 1.08 0.00	23.90 1.01 0.00	21.73 0.73 0.00
STEUBEN_REC_LFGE 323667	22.25 1.14 0.00	20.74 0.72 0.00	18.65 0.54 0.00	17.90 0.56 0.00	18.39 0.57 0.00	19.77 0.61 0.00	21.30 0.72 0.00	22.86 0.71 0.00	24.35 0.85 0.00	25.49 0.98 0.00	26.37 1.30 0.00	27.88 1.30 0.00	28.83 1.19 0.00	30.12 1.27 0.00	30.95 1.30 0.00	31.14 1.68 0.00	32.80 1.17 0.00	34.39 1.10 0.00	32.79 1.11 0.00	31.30 1.15 0.00	29.35 1.10 0.00	26.28 1.06 0.00	23.69 0.80 0.00	22.03 1.03 0.00

STONY___BROOK 24151	37.41 2.38 -13.92	30.40 2.18 -8.20	27.76 1.96 -7.70	24.34 1.86 -5.14	24.99 1.91 -5.26	27.74 2.07 -6.51	27.49 2.30 -4.60	31.42 2.99 -6.27	34.44 3.13 -7.81	40.72 3.26 -12.95	41.21 2.93 -13.21	42.02 3.16 -12.28	47.80 3.23 -16.92	48.45 3.32 -16.29	60.05 3.44 -26.96	53.60 3.33 -20.81	59.80 3.70 -24.47	74.01 3.79 -36.93	57.47 3.55 -22.25	45.67 3.35 -12.16	50.95 3.14 -19.57	46.08 2.90 -17.97	40.82 2.97 -14.95	33.57 2.46 -10.12
STURGEON_POOL_HYD 23609	22.31 1.20 0.00	21.04 1.02 0.00	19.03 0.92 0.00	18.23 0.88 0.00	18.73 0.91 0.00	20.10 0.94 0.00	21.65 1.07 0.00	23.62 1.46 0.00	24.89 1.39 0.00	25.93 1.42 0.00	26.43 1.35 -0.01	28.28 1.67 -0.04	29.43 1.74 -0.04	30.55 1.70 0.00	31.40 1.75 0.00	31.06 1.59 0.00	33.50 1.87 0.00	35.15 1.86 0.00	33.39 1.71 0.00	31.76 1.60 0.00	29.72 1.47 0.00	26.66 1.44 0.00	24.33 1.44 0.00	22.11 1.11 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	22.16 1.06 0.00	20.92 0.90 0.00	18.92 0.81 0.00	18.13 0.78 0.00	18.61 0.78 0.00	20.00 0.84 0.00	21.55 0.97 0.00	23.48 1.33 0.00	24.84 1.34 0.00	25.88 1.37 0.00	26.41 1.33 -0.01	28.14 1.49 -0.08	29.28 1.55 -0.09	30.52 1.67 0.00	31.37 1.72 0.00	31.03 1.56 0.00	33.43 1.80 0.00	35.09 1.80 0.00	33.36 1.68 0.00	31.70 1.54 0.00	29.69 1.44 0.00	26.58 1.36 0.00	24.22 1.33 0.00	21.99 0.99 0.00
SWANROAD_115KV_TB1 355699	21.51 0.40 0.00	20.04 0.02 0.00	18.00 -0.11 0.00	17.35 0.00 0.00	17.81 -0.02 0.00	19.04 -0.11 0.00	20.31 -0.27 0.00	21.67 -0.49 0.00	23.03 -0.47 0.00	24.12 -0.39 0.00	24.94 -0.13 0.00	26.28 -0.29 0.00	27.09 -0.55 0.00	28.24 -0.61 0.00	29.05 -0.59 0.00	29.43 -0.03 0.00	30.81 -0.82 0.00	32.26 -1.03 0.00	30.76 -0.92 0.00	29.43 -0.72 0.00	27.65 -0.59 0.00	24.89 -0.33 0.00	22.50 -0.39 0.00	21.15 0.15 0.00
SYNERGY___BIOGAS 323694	22.25 1.14 0.00	20.72 0.70 0.00	18.73 0.62 0.00	17.87 0.52 0.00	18.34 0.52 0.00	19.71 0.56 0.00	21.10 0.51 0.00	22.60 0.44 0.00	24.11 0.61 0.00	25.22 0.71 0.00	26.10 1.03 0.00	27.53 0.96 0.00	28.42 0.77 0.00	29.69 0.84 0.00	30.33 0.68 0.00	30.56 1.09 0.00	32.13 0.50 0.00	33.72 0.43 0.00	32.15 0.48 0.00	30.82 0.66 0.00	28.92 0.68 0.00	25.95 0.73 0.00	23.44 0.55 0.00	21.92 0.92 0.00
SYRACUSE___ENERGY_ST1 323597	21.28 0.17 0.00	20.08 0.06 0.00	18.15 0.04 0.00	17.38 0.03 0.00	17.86 0.04 0.00	19.20 0.04 0.00	20.66 0.08 0.00	22.22 0.07 0.00	23.60 0.09 0.00	24.63 0.12 0.00	25.32 0.25 0.00	26.79 0.21 0.00	27.84 0.19 0.00	29.05 0.20 0.00	29.88 0.24 0.00	29.73 0.27 0.00	31.76 0.13 0.00	33.39 0.10 0.00	31.77 0.10 0.00	30.25 0.09 0.00	28.33 0.08 0.00	25.30 0.08 0.00	22.96 0.07 0.00	21.17 0.17 0.00
SYRACUSE___ENERGY_ST2 323598	21.28 0.17 0.00	20.08 0.06 0.00	18.15 0.04 0.00	17.38 0.03 0.00	17.86 0.04 0.00	19.20 0.04 0.00	20.66 0.08 0.00	22.22 0.07 0.00	23.60 0.09 0.00	24.63 0.12 0.00	25.32 0.25 0.00	26.79 0.21 0.00	27.84 0.19 0.00	29.05 0.20 0.00	29.88 0.24 0.00	29.73 0.27 0.00	31.76 0.13 0.00	33.39 0.10 0.00	31.77 0.10 0.00	30.25 0.09 0.00	28.33 0.08 0.00	25.30 0.08 0.00	22.96 0.07 0.00	21.17 0.17 0.00
SYRACUSE___POWER 24017	21.24 0.13 0.00	20.04 0.02 0.00	18.11 0.00 0.00	17.35 0.00 0.00	17.82 0.00 0.00	19.16 0.00 0.00	20.62 0.04 0.00	22.18 0.02 0.00	23.55 0.05 0.00	24.59 0.07 0.00	25.27 0.20 0.00	26.71 0.13 0.00	27.75 0.11 0.00	28.99 0.14 0.00	29.80 0.15 0.00	29.67 0.21 0.00	31.69 0.06 0.00	33.32 0.03 0.00	31.71 0.03 0.00	30.19 0.03 0.00	28.28 0.03 0.00	25.27 0.05 0.00	22.94 0.05 0.00	21.15 0.15 0.00
TALLMAN___138KV_BK151 55660	22.29 1.18 0.00	21.04 1.02 0.00	19.03 0.92 0.00	18.23 0.88 0.00	18.73 0.91 0.00	20.14 0.98 0.00	21.67 1.09 0.00	23.71 1.55 0.00	25.08 1.57 0.00	26.15 1.64 0.00	26.61 1.53 -0.01	28.36 1.70 -0.09	29.51 1.77 -0.10	30.75 1.90 0.00	31.60 1.96 0.00	31.32 1.86 0.00	33.75 2.12 0.00	35.42 2.13 0.00	33.61 1.93 0.00	31.94 1.78 0.00	29.91 1.67 0.00	26.78 1.56 0.00	24.40 1.51 0.00	22.13 1.13 0.00
TEALLAVE_115KV_TB7 355573	21.17 0.06 0.00	19.98 -0.04 0.00	18.06 -0.05 0.00	17.29 -0.05 0.00	17.77 -0.05 0.00	19.10 -0.06 0.00	20.56 -0.02 0.00	22.11 -0.04 0.00	23.48 -0.02 0.00	24.51 0.00 0.00	25.19 0.13 0.00	26.63 0.05 0.00	27.64 0.00 0.00	28.85 0.00 0.00	29.68 0.03 0.00	29.52 0.06 0.00	31.53 -0.09 0.00	33.15 -0.13 0.00	31.55 -0.13 0.00	30.04 -0.12 0.00	28.13 -0.11 0.00	25.17 -0.05 0.00	22.85 -0.05 0.00	21.08 0.08 0.00
TELGRAPH_34_KV_EAST 80808	21.97 0.87 0.00	20.46 0.44 0.00	18.36 0.25 0.00	17.66 0.31 0.00	18.14 0.32 0.00	19.45 0.29 0.00	20.81 0.23 0.00	22.24 0.09 0.00	23.69 0.19 0.00	24.81 0.29 0.00	25.67 0.60 0.00	27.08 0.50 0.00	27.92 0.28 0.00	29.11 0.26 0.00	29.91 0.27 0.00	30.23 0.77 0.00	31.69 0.06 0.00	33.19 -0.10 0.00	31.65 -0.03 0.00	30.28 0.12 0.00	28.44 0.20 0.00	25.55 0.33 0.00	23.07 0.18 0.00	21.63 0.63 0.00
TEMPLE___115KV_TB 2 55572	21.19 0.08 0.00	20.00 -0.02 0.00	18.07 -0.04 0.00	17.31 -0.03 0.00	17.79 -0.04 0.00	19.12 -0.04 0.00	20.58 0.00 0.00	22.11 -0.04 0.00	23.50 0.00 0.00	24.54 0.02 0.00	25.22 0.15 0.00	26.65 0.08 0.00	27.67 0.03 0.00	28.88 0.03 0.00	29.71 0.06 0.00	29.55 0.09 0.00	31.57 -0.06 0.00	33.19 -0.10 0.00	31.58 -0.10 0.00	30.07 -0.09 0.00	28.16 -0.08 0.00	25.19 -0.03 0.00	22.85 -0.05 0.00	21.08 0.08 0.00
TIANA___69_KV_BK 1 55817	37.67 2.85 -13.71	30.80 2.58 -8.20	28.14 2.34 -7.70	24.67 2.19 -5.14	25.33 2.25 -5.26	28.10 2.43 -6.51	27.90 2.72 -4.60	31.88 3.46 -6.27	34.97 3.67 -7.80	40.24 3.85 -11.88	41.29 3.71 -12.51	41.75 3.99 -11.19	48.41 4.17 -16.59	48.61 4.39 -15.38	58.00 4.48 -23.88	53.02 4.36 -19.19	57.87 4.78 -21.46	68.94 4.96 -30.69	55.86 4.69 -19.49	46.01 4.37 -11.48	47.18 4.12 -14.81	44.95 3.71 -16.02	39.85 3.53 -13.43	33.78 2.90 -9.88
TILDEN___115KV_TB1 80814	21.24 0.13 0.00	20.04 0.02 0.00	18.11 0.00 0.00	17.35 0.00 0.00	17.82 0.00 0.00	19.16 0.00 0.00	20.62 0.04 0.00	22.18 0.02 0.00	23.55 0.05 0.00	24.59 0.07 0.00	25.27 0.20 0.00	26.71 0.13 0.00	27.75 0.11 0.00	28.99 0.14 0.00	29.80 0.15 0.00	29.67 0.21 0.00	31.69 0.06 0.00	33.32 0.03 0.00	31.71 0.03 0.00	30.19 0.03 0.00	28.28 0.03 0.00	25.27 0.05 0.00	22.94 0.05 0.00	21.15 0.15 0.00
TRIGEN___CC 323695	35.77 1.69 -12.97	29.72 1.50 -8.20	27.18 1.38 -7.69	23.80 1.32 -5.14	24.42 1.34 -5.26	27.13 1.46 -6.51	26.80 1.63 -4.60	30.60 2.17 -6.27	33.51 2.21 -7.79	34.84 2.30 -8.03	37.26 2.18 -10.01	36.20 2.39 -7.24	45.58 2.52 -15.42	43.57 2.63 -12.09	45.04 2.67 -12.73	45.36 2.53 -13.36	45.08 2.85 -10.60	44.32 2.90 -8.14	43.90 2.69 -9.53	41.65 2.47 -9.02	41.07 2.34 -10.48	36.38 2.14 -9.02	32.97 2.15 -7.92	31.71 1.68 -9.03

TRINITY__115KV__4 BK 55933	21.68 0.57 0.00	20.56 0.54 0.00	18.60 0.49 0.00	17.82 0.47 0.00	18.29 0.46 0.00	19.66 0.50 0.00	21.12 0.54 0.00	22.91 0.75 0.00	24.30 0.80 0.00	25.25 0.74 0.00	25.75 0.70 0.02	27.29 0.82 0.11	28.46 0.94 0.12	29.86 1.01 0.00	30.74 1.10 0.00	30.44 0.97 0.00	32.70 1.08 0.00	34.45 1.17 0.00	32.76 1.08 0.00	31.15 1.00 0.00	29.18 0.93 0.00	26.05 0.83 0.00	23.67 0.78 0.00	21.57 0.57 0.00
UNION__PROCESSING_DRP 323587	21.72 0.61 0.00	20.36 0.34 0.00	18.31 0.20 0.00	17.55 0.21 0.00	18.02 0.20 0.00	19.39 0.23 0.00	20.81 0.23 0.00	22.35 0.20 0.00	23.83 0.33 0.00	24.93 0.42 0.00	25.69 0.63 0.00	27.13 0.56 0.00	28.09 0.44 0.00	29.34 0.49 0.00	30.12 0.47 0.00	30.23 0.77 0.00	31.98 0.35 0.00	33.55 0.27 0.00	31.96 0.29 0.00	30.58 0.42 0.00	28.64 0.40 0.00	25.62 0.40 0.00	23.17 0.27 0.00	21.52 0.52 0.00
UPPER HUDSON__HYD 24058	22.21 1.10 0.00	20.98 0.96 0.00	18.94 0.83 0.00	18.15 0.80 0.00	18.61 0.78 0.00	20.10 0.94 0.00	21.59 1.01 0.00	23.44 1.28 0.00	24.94 1.43 0.00	25.88 1.37 0.00	26.25 1.20 0.02	27.65 1.20 0.12	28.92 1.41 0.13	30.35 1.50 0.00	31.28 1.63 0.00	30.91 1.44 0.00	33.15 1.52 0.00	34.98 1.70 0.00	33.52 1.84 0.00	31.94 1.78 0.00	29.94 1.69 0.00	26.84 1.62 0.00	24.38 1.49 0.00	22.17 1.18 0.00
UPPER RAQUET__HYD 24056	19.84 -1.27 0.00	18.96 -1.06 0.00	17.22 -0.89 0.00	16.48 -0.87 0.00	16.99 -0.84 0.00	18.24 -0.92 0.00	19.47 -1.11 0.00	20.87 -1.29 0.00	22.21 -1.29 0.00	23.21 -1.30 0.00	23.76 -1.30 0.00	25.19 -1.38 0.00	26.20 -1.44 0.00	27.23 -1.61 0.00	27.96 -1.69 0.00	27.70 -1.77 0.00	29.92 -1.71 0.00	31.56 -1.73 0.00	30.10 -1.58 0.00	28.68 -1.48 0.00	26.84 -1.41 0.00	23.86 -1.36 0.00	21.54 -1.35 0.00	19.74 -1.26 0.00
VALLEY44_115KV_TB2 355964	22.02 0.91 0.00	20.52 0.50 0.00	18.44 0.33 0.00	17.73 0.38 0.00	18.18 0.36 0.00	19.48 0.33 0.00	20.93 0.35 0.00	22.42 0.27 0.00	23.85 0.35 0.00	24.98 0.47 0.00	25.77 0.70 0.00	27.18 0.61 0.00	28.03 0.39 0.00	29.37 0.52 0.00	30.24 0.59 0.00	30.61 1.15 0.00	32.14 0.51 0.00	33.65 0.37 0.00	32.06 0.38 0.00	30.55 0.39 0.00	28.70 0.45 0.00	25.85 0.63 0.00	23.30 0.41 0.00	21.76 0.76 0.00
VALLEY__115KV_TB 1-4 80826	21.40 0.30 0.00	20.28 0.26 0.00	18.35 0.24 0.00	17.57 0.23 0.00	18.06 0.23 0.00	19.43 0.27 0.00	20.87 0.29 0.00	22.49 0.33 0.00	23.85 0.35 0.00	24.86 0.34 0.00	25.62 0.55 0.00	27.16 0.58 0.00	28.22 0.58 0.00	29.48 0.63 0.00	30.24 0.59 0.00	29.82 0.35 0.00	32.01 0.38 0.00	33.72 0.43 0.00	32.15 0.48 0.00	30.58 0.42 0.00	28.61 0.37 0.00	25.52 0.30 0.00	23.12 0.23 0.00	21.17 0.17 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	22.29 1.18 0.00	21.06 1.04 0.00	18.98 0.87 0.00	18.18 0.83 0.00	18.68 0.86 0.00	20.14 0.98 0.00	21.71 1.13 0.00	23.55 1.40 0.00	25.01 1.50 0.00	26.08 1.57 0.00	26.62 1.55 0.00	28.27 1.70 0.00	29.36 1.71 0.00	30.67 1.82 0.00	31.43 1.78 0.00	31.23 1.77 0.00	33.46 1.83 0.00	35.22 1.93 0.00	33.61 1.93 0.00	32.00 1.84 0.00	30.00 1.75 0.00	26.76 1.54 0.00	24.24 1.35 0.00	22.15 1.15 0.00
VISCHER__FERRY HYD 24020	22.02 0.91 0.00	20.86 0.84 0.00	18.87 0.76 0.00	18.08 0.73 0.00	18.55 0.73 0.00	19.96 0.80 0.00	21.44 0.86 0.00	23.24 1.09 0.00	24.63 1.13 0.00	25.57 1.05 0.00	26.07 1.03 0.02	27.56 1.14 0.15	28.74 1.27 0.17	30.21 1.36 0.00	31.10 1.45 0.00	30.82 1.36 0.00	33.12 1.49 0.00	34.92 1.63 0.00	33.23 1.55 0.00	31.66 1.51 0.00	29.66 1.41 0.00	26.46 1.24 0.00	24.06 1.17 0.00	21.92 0.92 0.00
V_A_10_SYNC_DSASP 323832	21.53 0.42 0.00	20.12 0.10 0.00	18.07 -0.04 0.00	17.36 0.02 0.00	17.82 0.00 0.00	19.12 -0.04 0.00	20.50 -0.08 0.00	21.89 -0.27 0.00	23.27 -0.24 0.00	24.37 -0.15 0.00	25.14 0.08 0.00	26.52 -0.05 0.00	27.37 -0.28 0.00	28.56 -0.29 0.00	29.35 -0.30 0.00	29.64 0.18 0.00	31.15 -0.47 0.00	32.66 -0.63 0.00	31.14 -0.54 0.00	29.77 -0.39 0.00	27.94 -0.31 0.00	25.12 -0.10 0.00	22.71 -0.18 0.00	21.27 0.27 0.00
V_CMM_10_SYNC_DSASP 323787	20.54 -0.57 0.00	19.60 -0.42 0.00	17.75 -0.36 0.00	16.98 -0.37 0.00	17.48 -0.34 0.00	18.77 -0.38 0.00	20.11 -0.47 0.00	21.53 -0.62 0.00	22.89 -0.61 0.00	23.90 -0.61 0.00	24.44 -0.63 0.00	25.91 -0.66 0.00	26.95 -0.69 0.00	28.04 -0.81 0.00	28.82 -0.83 0.00	28.61 -0.86 0.00	30.84 -0.79 0.00	32.46 -0.83 0.00	30.92 -0.76 0.00	29.43 -0.72 0.00	27.54 -0.71 0.00	24.54 -0.68 0.00	22.25 -0.64 0.00	20.39 -0.61 0.00
V_CMP_10_SYNC_DSASP 323788	20.45 -0.65 0.00	19.52 -0.50 0.00	17.62 -0.49 0.00	16.91 -0.43 0.00	17.48 -0.34 0.00	18.81 -0.34 0.00	20.21 -0.37 0.00	21.40 -0.75 0.00	22.92 -0.59 0.00	24.15 -0.37 0.00	24.62 -0.45 0.00	26.01 -0.56 0.00	27.01 -0.63 0.00	27.87 -0.98 0.00	28.79 -0.86 0.00	28.82 -0.65 0.00	31.60 -0.03 0.00	33.32 0.03 0.00	31.77 0.10 0.00	30.22 0.06 0.00	28.22 -0.03 0.00	25.02 -0.20 0.00	22.59 -0.30 0.00	20.64 -0.36 0.00
V_E_10_SYNC_DSASP 323830	22.80 1.69 0.00	21.48 1.46 0.00	19.30 1.19 0.00	18.47 1.13 0.00	18.98 1.16 0.00	20.60 1.44 0.00	22.27 1.69 0.00	24.08 1.93 0.00	25.50 2.00 0.00	26.55 2.03 0.00	27.37 2.30 0.00	29.04 2.47 0.00	30.16 2.52 0.00	31.50 2.65 0.00	32.02 2.37 0.00	31.91 2.44 0.00	33.97 2.34 0.00	35.98 2.70 0.00	34.56 2.88 0.00	32.99 2.83 0.00	30.93 2.68 0.00	27.51 2.29 0.00	24.70 1.81 0.00	22.64 1.64 0.00
V_F_30_NSYNC__DSASP 323816	22.33 1.22 0.00	21.12 1.10 0.00	19.09 0.98 0.00	18.28 0.94 0.00	18.75 0.93 0.00	20.21 1.05 0.00	21.71 1.13 0.00	23.55 1.40 0.00	25.01 1.51 0.00	25.96 1.45 0.00	26.48 1.43 0.02	27.99 1.54 0.12	29.22 1.71 0.14	30.67 1.82 0.00	31.57 1.93 0.00	31.26 1.80 0.00	33.56 1.93 0.00	35.39 2.10 0.00	33.74 2.06 0.00	32.12 1.96 0.00	30.11 1.86 0.00	26.88 1.66 0.00	24.43 1.53 0.00	22.24 1.24 0.00
V_F_30_SYNC_DSASP 323786	21.76 0.65 0.00	20.62 0.60 0.00	18.65 0.54 0.00	17.87 0.52 0.00	18.34 0.52 0.00	19.73 0.57 0.00	21.18 0.60 0.00	23.00 0.84 0.00	24.40 0.89 0.00	25.35 0.83 0.00	25.88 0.83 0.02	27.45 0.98 0.11	28.62 1.11 0.13	30.03 1.18 0.00	30.92 1.27 0.00	30.58 1.12 0.00	32.86 1.23 0.00	34.59 1.30 0.00	32.88 1.20 0.00	31.30 1.15 0.00	29.32 1.07 0.00	26.15 0.93 0.00	23.76 0.87 0.00	21.63 0.63 0.00
V_XM_10_SYNC_DSASP 323789	20.45 -0.65 0.00	19.52 -0.50 0.00	17.62 -0.49 0.00	16.91 -0.43 0.00	17.48 -0.34 0.00	18.81 -0.34 0.00	20.21 -0.37 0.00	21.40 -0.75 0.00	22.92 -0.59 0.00	24.15 -0.37 0.00	24.62 -0.45 0.00	26.01 -0.56 0.00	27.01 -0.63 0.00	27.87 -0.98 0.00	28.79 -0.86 0.00	28.82 -0.65 0.00	31.60 -0.03 0.00	33.32 0.03 0.00	31.77 0.10 0.00	30.22 0.06 0.00	28.22 -0.03 0.00	25.02 -0.20 0.00	22.59 -0.30 0.00	20.64 -0.36 0.00

W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	22.35 1.25 0.00	21.10 1.08 0.00	19.11 1.00 0.00	18.28 0.94 0.00	18.79 0.96 0.00	20.17 1.02 0.00	21.73 1.15 0.00	23.75 1.60 0.00	25.12 1.62 0.00	26.18 1.67 0.00	26.66 1.58 -0.01	28.42 1.75 -0.09	29.57 1.82 -0.10	30.81 1.96 0.00	31.66 2.02 0.00	31.35 1.89 0.00	33.78 2.15 0.00	35.48 2.20 0.00	33.67 2.00 0.00	32.00 1.84 0.00	29.97 1.72 0.00	26.83 1.61 0.00	24.47 1.58 0.00	22.18 1.18 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	22.52 1.41 0.00	21.24 1.22 0.00	19.23 1.12 0.00	18.40 1.06 0.00	18.91 1.09 0.00	20.35 1.19 0.00	21.96 1.38 0.00	24.13 1.97 0.00	25.52 2.02 0.00	26.64 2.13 0.00	27.11 2.03 -0.02	28.90 2.23 -0.10	30.11 2.35 -0.11	31.30 2.45 0.00	32.08 2.43 0.00	31.76 2.30 0.00	34.25 2.63 0.00	35.92 2.63 0.00	34.09 2.41 0.00	32.33 2.17 0.00	30.31 2.06 0.00	27.09 1.87 0.00	24.77 1.88 0.00	22.39 1.39 0.00
W50THST__13_KV_LOAD 356117	22.63 1.52 0.00	21.34 1.32 0.00	19.32 1.21 0.00	18.49 1.14 0.00	19.02 1.19 0.00	20.46 1.30 0.00	22.08 1.50 0.00	24.28 2.13 0.00	25.71 2.21 0.00	26.84 2.33 0.00	27.31 2.23 -0.02	29.12 2.44 -0.10	30.33 2.57 -0.11	31.53 2.68 0.00	32.32 2.67 0.00	32.00 2.53 0.00	34.51 2.88 0.00	36.18 2.90 0.00	34.31 2.63 0.00	32.54 2.38 0.00	30.48 2.23 0.00	27.24 2.02 0.00	24.91 2.01 0.00	22.49 1.49 0.00
WADING RIVER_IC_1 23522	37.37 2.55 -13.71	30.54 2.32 -8.20	27.90 2.10 -7.70	24.46 1.98 -5.14	25.11 2.03 -5.26	27.87 2.20 -6.51	27.65 2.47 -4.60	31.59 3.17 -6.27	34.64 3.34 -7.80	39.84 3.46 -11.87	40.83 3.26 -12.51	41.29 3.53 -11.18	47.91 3.68 -16.59	48.06 3.84 -15.37	57.41 3.91 -23.85	52.45 3.80 -19.18	57.28 4.21 -21.44	68.29 4.36 -30.64	55.23 4.09 -19.47	45.52 3.89 -11.48	49.47 3.65 -17.58	44.53 3.30 -16.01	39.49 3.18 -13.42	33.50 2.62 -9.88
WADING RIVER_IC_2 23547	37.37 2.55 -13.71	30.54 2.32 -8.20	27.90 2.10 -7.70	24.46 1.98 -5.14	25.11 2.03 -5.26	27.87 2.20 -6.51	27.65 2.47 -4.60	31.59 3.17 -6.27	34.64 3.34 -7.80	39.84 3.46 -11.87	40.83 3.26 -12.51	41.29 3.53 -11.18	47.91 3.68 -16.59	48.06 3.84 -15.37	57.41 3.91 -23.85	52.45 3.80 -19.18	57.28 4.21 -21.44	68.29 4.36 -30.64	55.23 4.09 -19.47	45.52 3.89 -11.48	49.47 3.65 -17.58	44.53 3.30 -16.01	39.49 3.18 -13.42	33.50 2.62 -9.88
WADING RIVER_IC_3 23601	37.37 2.55 -13.71	30.54 2.32 -8.20	27.90 2.10 -7.70	24.46 1.98 -5.14	25.11 2.03 -5.26	27.87 2.20 -6.51	27.65 2.47 -4.60	31.59 3.17 -6.27	34.64 3.34 -7.80	39.84 3.46 -11.87	40.83 3.26 -12.51	41.29 3.53 -11.18	47.91 3.68 -16.59	48.06 3.84 -15.37	57.41 3.91 -23.85	52.45 3.80 -19.18	57.28 4.21 -21.44	68.29 4.36 -30.64	55.23 4.09 -19.47	45.52 3.89 -11.48	49.47 3.65 -17.58	44.53 3.30 -16.01	39.49 3.18 -13.42	33.50 2.62 -9.88
WALDENNY_I2_KV_BK2 80841	22.04 0.93 0.00	20.52 0.50 0.00	18.42 0.31 0.00	17.71 0.36 0.00	18.18 0.36 0.00	19.48 0.33 0.00	20.87 0.29 0.00	22.31 0.16 0.00	23.74 0.24 0.00	24.88 0.37 0.00	25.74 0.68 0.00	27.16 0.58 0.00	28.00 0.36 0.00	29.22 0.38 0.00	30.03 0.39 0.00	30.44 0.97 0.00	31.85 0.22 0.00	33.32 0.03 0.00	31.77 0.10 0.00	30.34 0.18 0.00	28.53 0.28 0.00	25.67 0.45 0.00	23.17 0.27 0.00	21.73 0.73 0.00
WALDEN__HYDRO 24148	22.40 1.29 0.00	21.12 1.10 0.00	19.09 0.98 0.00	18.28 0.94 0.00	18.79 0.96 0.00	20.15 1.00 0.00	21.71 1.13 0.00	23.66 1.51 0.00	24.98 1.48 0.00	26.01 1.50 0.00	26.48 1.40 -0.01	28.24 1.59 -0.07	29.39 1.66 -0.08	30.61 1.76 0.00	31.49 1.84 0.00	31.23 1.77 0.00	33.62 1.99 0.00	35.35 2.06 0.00	33.58 1.90 0.00	31.97 1.81 0.00	29.91 1.67 0.00	26.84 1.62 0.00	24.45 1.56 0.00	22.20 1.20 0.00
WARRENSBURG____ 23737	22.21 1.10 0.00	20.98 0.96 0.00	18.94 0.83 0.00	18.15 0.80 0.00	18.61 0.78 0.00	20.10 0.94 0.00	21.59 1.01 0.00	23.44 1.28 0.00	24.94 1.43 0.00	25.88 1.37 0.00	26.25 1.20 0.02	27.65 1.20 0.12	28.92 1.41 0.13	30.35 1.50 0.00	31.28 1.63 0.00	30.91 1.44 0.00	33.15 1.52 0.00	34.98 1.70 0.00	33.52 1.84 0.00	31.94 1.78 0.00	29.94 1.69 0.00	26.84 1.62 0.00	24.38 1.49 0.00	22.17 1.18 0.00
WATERSIDE____6 8 9 23538	22.61 1.50 0.00	21.30 1.28 0.00	19.29 1.18 0.00	18.47 1.13 0.00	18.98 1.16 0.00	20.38 1.23 0.00	21.98 1.40 0.00	24.18 2.02 -0.01	25.57 2.07 0.00	26.71 2.21 0.01	27.16 2.08 -0.02	28.98 2.31 -0.09	30.16 2.40 -0.12	31.37 2.51 -0.01	32.17 2.52 -0.01	31.84 2.39 0.01	34.36 2.72 -0.01	35.98 2.70 0.00	34.15 2.47 0.00	32.42 2.26 0.00	30.34 2.09 0.00	27.14 1.92 0.00	24.86 1.97 0.00	22.45 1.45 0.00
WATKINRD_115KV_LN8_ILLION 55919	21.34 0.23 0.00	20.22 0.20 0.00	18.27 0.16 0.00	17.50 0.16 0.00	17.98 0.16 0.00	19.35 0.19 0.00	20.79 0.21 0.00	22.40 0.24 0.00	23.76 0.26 0.00	24.76 0.25 0.00	25.42 0.35 0.00	26.97 0.40 0.00	28.03 0.39 0.00	29.28 0.43 0.00	30.06 0.42 0.00	29.73 0.27 0.00	31.91 0.28 0.00	33.62 0.33 0.00	32.03 0.35 0.00	30.49 0.33 0.00	28.56 0.31 0.00	25.50 0.28 0.00	23.10 0.21 0.00	21.17 0.17 0.00
WATSON__69_KV_BK 1 55734	36.98 2.53 -13.34	30.50 2.28 -8.20	27.87 2.06 -7.70	24.43 1.94 -5.14	25.08 2.00 -5.26	27.84 2.16 -6.51	27.61 2.43 -4.60	31.53 3.10 -6.27	34.57 3.27 -7.80	37.87 3.41 -9.95	39.59 3.26 -11.26	39.29 3.51 -9.21	47.35 3.70 -16.01	46.36 3.78 -13.73	51.77 3.82 -18.30	49.42 3.68 -16.28	51.74 4.08 -16.03	56.92 4.23 -19.41	50.15 3.96 -14.51	44.12 3.71 -10.25	44.57 3.62 -12.71	41.02 3.28 -12.52	36.70 3.14 -10.67	32.99 2.54 -9.45
WDELAWARE__HYD 323627	22.14 1.03 0.00	20.86 0.84 0.00	18.84 0.73 0.00	18.04 0.69 0.00	18.54 0.71 0.00	19.89 0.73 0.00	21.42 0.84 0.00	23.33 1.17 0.00	24.63 1.13 0.00	25.66 1.15 0.00	25.33 0.25 -0.01	26.99 0.37 -0.05	28.11 0.42 -0.05	29.31 0.46 0.00	30.39 0.74 0.00	30.14 0.68 0.00	32.48 0.85 0.00	34.12 0.83 0.00	32.44 0.76 0.00	30.88 0.72 0.00	28.90 0.65 0.00	25.90 0.68 0.00	24.13 1.24 0.00	21.95 0.95 0.00
WEST BABYLON__IC 23714	36.49 2.32 -13.06	30.30 2.08 -8.20	27.71 1.90 -7.70	24.29 1.80 -5.14	24.92 1.84 -5.26	27.66 1.99 -6.51	27.42 2.24 -4.60	31.31 2.88 -6.27	34.31 3.01 -7.80	36.14 3.14 -8.49	38.41 3.03 -10.31	37.53 3.24 -7.71	46.58 3.37 -15.56	44.80 3.46 -12.49	47.21 3.50 -14.07	46.86 3.33 -14.06	47.27 3.73 -11.91	47.97 3.83 -10.85	46.02 3.61 -10.73	42.85 3.38 -9.32	42.50 3.28 -10.97	38.11 3.03 -9.86	34.38 2.91 -8.58	32.46 2.33 -9.13
WEST CANADA__HYD 24049	21.19 0.08 0.00	20.08 0.06 0.00	18.15 0.04 0.00	17.38 0.03 0.00	17.86 0.04 0.00	19.20 0.04 0.00	20.64 0.06 0.00	22.22 0.07 0.00	23.57 0.07 0.00	24.59 0.07 0.00	25.17 0.10 0.00	26.68 0.11 0.00	27.75 0.11 0.00	28.99 0.14 0.00	29.74 0.09 0.00	29.55 0.09 0.00	31.72 0.10 0.00	33.39 0.10 0.00	31.77 0.10 0.00	30.28 0.12 0.00	28.36 0.11 0.00	25.32 0.10 0.00	22.98 0.09 0.00	21.08 0.08 0.00



WESTERN_NY_WIND 24143	22.25 1.14 0.00	20.70 0.68 0.00	18.71 0.60 0.00	17.85 0.50 0.00	18.34 0.52 0.00	19.69 0.54 0.00	21.07 0.49 0.00	22.55 0.40 0.00	24.07 0.56 0.00	25.20 0.69 0.00	26.07 1.00 0.00	27.48 0.90 0.00	28.36 0.72 0.00	29.66 0.81 0.00	30.27 0.62 0.00	30.49 1.03 0.00	32.07 0.44 0.00	33.65 0.37 0.00	32.12 0.44 0.00	30.76 0.60 0.00	28.87 0.62 0.00	25.92 0.71 0.00	23.42 0.53 0.00	21.90 0.90 0.00
WESTOVER___LESR 323668	21.70 0.59 0.00	20.42 0.40 0.00	18.42 0.31 0.00	17.66 0.31 0.00	18.14 0.32 0.00	19.48 0.33 0.00	20.97 0.39 0.00	22.60 0.44 0.00	23.97 0.47 0.00	25.05 0.54 0.00	25.72 0.65 0.00	27.21 0.64 0.00	28.25 0.61 0.00	29.54 0.69 0.00	30.36 0.71 0.00	30.32 0.85 0.00	32.33 0.70 0.00	33.99 0.70 0.00	32.38 0.70 0.00	30.82 0.66 0.00	28.90 0.65 0.00	25.85 0.63 0.00	23.39 0.50 0.00	21.57 0.57 0.00
WETHRSFD_WT_PWR 323626	21.87 0.76 0.00	20.38 0.36 0.00	18.44 0.33 0.00	17.61 0.26 0.00	18.09 0.27 0.00	19.39 0.23 0.00	20.81 0.23 0.00	22.29 0.13 0.00	23.74 0.23 0.00	24.88 0.37 0.00	25.67 0.60 0.00	27.10 0.53 0.00	28.03 0.39 0.00	29.34 0.49 0.00	30.00 0.36 0.00	30.23 0.76 0.00	31.76 0.13 0.00	33.29 0.00 0.00	31.77 0.10 0.00	30.34 0.18 0.00	28.53 0.28 0.00	25.65 0.43 0.00	23.21 0.32 0.00	21.65 0.65 0.00
WHAVSTOR_138KV_BK127 55557	22.27 1.16 0.00	21.02 1.00 0.00	19.03 0.92 0.00	18.23 0.88 0.00	18.72 0.89 0.00	20.12 0.96 0.00	21.67 1.09 0.00	23.68 1.53 0.00	25.05 1.55 0.00	26.13 1.62 0.00	26.59 1.50 -0.01	28.34 1.67 -0.09	29.52 1.77 -0.10	30.72 1.88 0.00	31.57 1.93 0.00	31.26 1.80 0.00	33.69 2.06 0.00	35.35 2.06 0.00	33.58 1.90 0.00	31.88 1.72 0.00	29.89 1.64 0.00	26.73 1.51 0.00	24.38 1.49 0.00	22.09 1.09 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	22.27 1.16 0.00	21.02 1.00 0.00	19.03 0.92 0.00	18.23 0.88 0.00	18.72 0.89 0.00	20.12 0.96 0.00	21.67 1.09 0.00	23.68 1.53 0.00	25.05 1.55 0.00	26.13 1.62 0.00	26.59 1.50 -0.01	28.34 1.67 -0.09	29.52 1.77 -0.10	30.72 1.88 0.00	31.57 1.93 0.00	31.26 1.80 0.00	33.69 2.06 0.00	35.35 2.06 0.00	33.58 1.90 0.00	31.88 1.72 0.00	29.89 1.64 0.00	26.73 1.51 0.00	24.38 1.49 0.00	22.09 1.09 0.00
WHITEHAL_115KV_TB1 80871	22.92 1.82 0.00	21.62 1.60 0.00	19.50 1.39 0.00	18.68 1.34 0.00	19.16 1.34 0.00	20.71 1.55 0.00	22.27 1.69 0.00	24.19 2.04 0.00	25.83 2.33 0.00	26.79 2.28 0.00	27.23 2.18 0.02	28.71 2.26 0.12	30.00 2.49 0.13	31.50 2.65 0.00	32.46 2.82 0.00	32.03 2.56 0.00	34.32 2.69 0.00	36.18 2.90 0.00	34.66 2.98 0.00	32.99 2.83 0.00	31.02 2.77 0.00	27.77 2.55 0.00	25.18 2.29 0.00	22.87 1.87 0.00
WHITEPLN_13_KV_LOAD 356215	22.52 1.41 0.00	21.26 1.24 0.00	19.25 1.14 0.00	18.42 1.08 0.00	18.95 1.12 0.00	20.38 1.23 0.00	21.98 1.40 0.00	24.10 1.95 0.00	25.52 2.02 0.00	26.62 2.11 0.00	27.26 2.18 -0.02	29.09 2.42 -0.10	30.33 2.57 -0.11	31.56 2.71 0.00	32.40 2.76 0.00	31.82 2.36 0.00	34.32 2.69 0.00	35.98 2.70 0.00	34.18 2.50 0.00	32.45 2.29 0.00	30.39 2.15 0.00	27.11 1.89 0.00	24.75 1.85 0.00	22.39 1.39 0.00
WM_FLOYD_69_KV_BK2 356380	37.30 2.47 -13.72	30.48 2.26 -8.20	27.85 2.05 -7.70	24.39 1.91 -5.14	25.04 1.96 -5.26	27.82 2.15 -6.51	27.57 2.39 -4.60	31.53 3.10 -6.27	34.55 3.24 -7.80	39.81 3.36 -11.93	40.77 3.16 -12.55	41.24 3.43 -11.24	47.85 3.59 -16.61	48.02 3.75 -15.42	57.50 3.82 -24.03	52.39 3.65 -19.27	57.29 4.05 -21.61	68.48 4.19 -31.00	55.26 3.96 -19.63	45.38 3.71 -11.51	46.79 3.53 -15.02	44.52 3.18 -16.12	39.49 3.09 -13.50	33.43 2.54 -9.89
WOODARD___115KV_TB2 355635	21.11 0.00 0.00	19.94 -0.08 0.00	18.02 -0.09 0.00	17.26 -0.09 0.00	17.73 -0.09 0.00	19.06 -0.10 0.00	20.50 -0.08 0.00	22.04 -0.11 0.00	23.41 -0.09 0.00	24.44 -0.07 0.00	25.09 0.03 0.00	26.55 -0.03 0.00	27.59 -0.06 0.00	28.79 -0.06 0.00	29.62 -0.03 0.00	29.46 0.00 0.00	31.47 -0.16 0.00	33.09 -0.20 0.00	31.49 -0.19 0.00	30.01 -0.15 0.00	28.11 -0.14 0.00	25.09 -0.13 0.00	22.78 -0.11 0.00	21.02 0.02 0.00
YORK___WARBASSE 23770	22.76 1.65 -0.01	21.44 1.42 0.00	19.40 1.29 0.00	18.56 1.21 0.00	19.09 1.27 0.00	20.46 1.30 0.00	22.02 1.44 0.00	24.27 2.10 -0.01	25.66 2.16 0.00	26.95 2.33 -0.11	27.29 2.21 -0.02	29.23 2.44 -0.21	30.35 2.57 -0.14	31.57 2.71 -0.01	32.35 2.70 -0.01	32.17 2.59 -0.11	34.58 2.94 -0.01	36.18 2.90 0.00	34.34 2.66 0.00	32.57 2.41 0.00	30.48 2.23 0.00	27.26 2.04 0.00	24.99 2.08 -0.02	22.60 1.60 0.00