

# Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

06/20/2023

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	21.09	18.98	17.93	17.75	17.84	18.72	21.90	24.01	24.89	25.04	26.68	28.17	29.15	30.62	31.89	32.97	38.25	41.82	39.19	36.08	31.93	30.22	26.29	23.83
24138	1.47	1.28	1.17	1.11	1.09	1.18	1.51	1.68	1.80	1.90	2.16	2.16	2.28	2.44	2.43	2.44	2.84	3.22	2.70	2.36	2.03	1.98	1.86	1.64
	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	0.00	0.00	0.00	0.00	0.00	0.00	-0.12	-0.23	-0.38	-0.73	-0.33	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	21.11	19.01	17.96	17.78	17.86	18.72	22.01	24.08	24.98	25.04	26.65	28.19	29.13	30.65	31.89	32.97	38.21	41.74	39.15	36.11	31.93	30.25	26.31	23.85
24260	1.49	1.31	1.21	1.15	1.11	1.18	1.61	1.74	1.89	1.90	2.13	2.18	2.26	2.47	2.43	2.44	2.81	3.14	2.66	2.39	2.03	2.01	1.88	1.66
	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	0.00	0.00	0.00	0.00	0.00	0.00	-0.12	-0.23	-0.38	-0.72	-0.33	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	21.11	19.01	17.96	17.78	17.86	18.72	22.01	24.08	24.98	25.04	26.65	28.19	29.13	30.65	31.89	32.97	38.21	41.74	39.15	36.11	31.93	30.25	26.31	23.85
24261	1.49	1.31	1.21	1.15	1.11	1.18	1.61	1.74	1.89	1.90	2.13	2.18	2.26	2.47	2.43	2.44	2.81	3.14	2.66	2.39	2.03	2.01	1.88	1.66
	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	0.00	0.00	0.00	0.00	0.00	0.00	-0.12	-0.23	-0.38	-0.72	-0.33	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	20.97	18.84	17.84	17.71	17.83	18.67	21.87	23.83	24.68	24.62	25.99	27.44	28.35	29.32	30.36	31.28	35.73	40.13	38.86	36.25	32.29	30.51	26.17	23.76
24011	1.35	1.13	1.09	1.08	1.07	1.12	1.47	1.50	1.59	1.48	1.47	1.43	1.48	1.40	1.37	1.54	1.84	2.22	2.37	2.53	2.39	2.26	1.73	1.58
	0.00	0.00	0.00	0.00	0.00	0.00	-0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.25	0.41	0.79	0.36	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	21.11	18.94	17.95	17.81	17.95	18.79	21.95	23.97	24.73	24.78	26.16	27.62	28.54	29.49	30.56	31.53	36.02	40.44	39.26	36.58	32.62	30.79	26.39	23.94
23798	1.49	1.24	1.19	1.18	1.19	1.25	1.55	1.63	1.64	1.64	1.64	1.61	1.67	1.57	1.58	1.78	2.12	2.53	2.77	2.86	2.72	2.54	1.96	1.75
	0.00	0.00	0.00	0.00	0.00	0.00	-0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.25	0.40	0.78	0.35	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	20.97	18.84	17.84	17.71	17.83	18.67	21.87	23.83	24.68	24.62	25.99	27.44	28.35	29.32	30.36	31.28	35.73	40.13	38.86	36.25	32.29	30.51	26.17	23.76
24028	1.35	1.13	1.09	1.08	1.07	1.12	1.47	1.50	1.59	1.48	1.47	1.43	1.48	1.40	1.37	1.54	1.84	2.22	2.37	2.53	2.39	2.26	1.73	1.58
	0.00	0.00	0.00	0.00	0.00	0.00	-0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.25	0.41	0.79	0.36	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	20.72	18.69	17.69	17.53	17.64	18.48	21.59	23.45	24.22	24.32	25.79	27.18	28.05	28.96	29.92	30.55	34.45	39.14	38.02	35.17	31.39	29.66	25.58	23.36
23527	1.10	0.99	0.94	0.90	0.89	0.93	1.18	1.12	1.13	1.18	1.27	1.17	1.18	1.18	1.20	1.24	1.39	1.61	1.53	1.45	1.49	1.41	1.15	1.18
	0.00	0.00	0.00	0.00	0.00	0.00	-0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.28	0.52	0.84	1.62	0.74	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	20.11	18.18	17.24	17.08	17.19	17.97	21.04	22.92	23.67	23.65	25.11	26.55	27.41	28.57	29.62	30.43	34.74	38.82	37.15	34.36	30.52	28.90	24.94	22.74
24190	0.49	0.48	0.49	0.45	0.44	0.42	0.63	0.58	0.58	0.51	0.59	0.55	0.54	0.62	0.58	0.60	0.69	0.84	0.66	0.64	0.63	0.65	0.51	0.55
	0.00	0.00	0.00	0.00	0.00	0.00	-0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.20	0.33	0.63	0.29	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	19.19	17.44	16.49	16.38	16.52	17.30	19.88	21.96	22.74	22.75	23.95	25.44	26.28	27.47	28.62	29.52	33.99	37.47	35.76	33.08	29.33	27.68	23.97	21.72
355683	-0.43	-0.27	-0.27	-0.25	-0.23	-0.25	-0.49	-0.38	-0.35	-0.39	-0.56	-0.57	-0.59	-0.59	-0.61	-0.63	-0.69	-0.80	-0.73	-0.64	-0.57	-0.56	-0.46	-0.47
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	20.11	18.18	17.24	17.08	17.19	17.97	21.04	22.92	23.67	23.65	25.11	26.55	27.41	28.57	29.62	30.43	34.74	38.82	37.15	34.36	30.52	28.90	24.94	22.74
23571	0.49	0.48	0.49	0.45	0.44	0.42	0.63	0.58	0.58	0.51	0.59	0.55	0.54	0.62	0.58	0.60	0.69	0.84	0.66	0.64	0.63	0.65	0.51	0.55
	0.00	0.00	0.00	0.00	0.00	0.00	-0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.20	0.33	0.63	0.29	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___2	20.11	18.18	17.24	17.08	17.19	17.97	21.04	22.92	23.67	23.65	25.11	26.55	27.41	28.57	29.62	30.43	34.74	38.82	37.15	34.36	30.52	28.90	24.94	22.74
23572	0.49	0.48	0.49	0.45	0.44	0.42	0.63	0.58	0.58	0.51	0.59	0.55	0.54	0.62	0.58	0.60	0.69	0.84	0.66	0.64	0.63	0.65	0.51	0.55
	0.00	0.00	0.00	0.00	0.00	0.00	-0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.20	0.33	0.63	0.29	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___3	20.11	18.18	17.24	17.08	17.19	17.97	21.04	22.92	23.67	23.65	25.11	26.55	27.41	28.57	29.62	30.43	34.74	38.82	37.15	34.36	30.52	28.90	24.94	22.74
23573	0.49	0.48	0.49	0.45	0.44	0.42	0.63	0.58	0.58	0.51	0.59	0.55	0.54	0.62	0.58	0.60	0.69	0.84	0.66	0.64	0.63	0.65	0.51	0.55
	0.00	0.00	0.00	0.00	0.00	0.00	-0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.20	0.33	0.63	0.29	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___4 23574	20.11 0.49 0.00	18.18 0.48 0.00	17.24 0.49 0.00	17.08 0.45 0.00	17.19 0.44 0.00	17.97 0.42 0.00	21.04 0.63 -0.04	22.92 0.58 0.00	23.67 0.58 0.00	23.65 0.51 0.00	25.11 0.59 0.00	26.55 0.55 0.00	27.41 0.54 0.00	28.57 0.62 0.11	29.62 0.58 0.20	30.43 0.60 0.33	34.74 0.69 0.63	38.82 0.84 0.29	37.15 0.66 0.00	34.36 0.64 0.00	30.52 0.63 0.00	28.90 0.65 0.00	24.94 0.51 0.00	22.74 0.55 0.00
ALBANY___LFGE 323615	20.31 0.69 0.00	18.36 0.66 0.00	17.38 0.62 0.00	17.23 0.60 0.00	17.34 0.59 0.00	18.14 0.60 0.00	21.16 0.75 -0.04	23.10 0.76 0.00	23.81 0.72 0.00	23.90 0.76 0.00	25.35 0.83 0.00	26.79 0.78 0.00	27.71 0.83 0.00	28.84 0.90 0.12	29.92 0.91 0.22	30.76 0.96 0.35	35.07 1.08 0.68	39.22 1.26 0.31	37.62 1.13 0.00	34.77 1.05 0.00	30.91 1.02 0.00	29.23 0.99 0.00	25.21 0.78 0.00	22.98 0.80 0.00
ALCOA_PA_115KV_PL-6C 55860	19.31 -0.31 0.00	17.54 -0.16 0.00	16.59 -0.17 0.00	16.48 -0.15 0.00	16.62 -0.13 0.00	17.41 -0.14 0.00	19.96 -0.41 0.00	22.05 -0.29 0.00	22.83 -0.25 0.00	22.82 -0.32 0.00	24.05 -0.47 0.00	25.51 -0.49 0.00	26.39 -0.48 0.00	27.55 -0.51 0.00	28.71 -0.53 0.00	29.61 -0.54 0.00	34.09 -0.59 0.00	37.58 -0.69 0.00	35.91 -0.58 0.00	33.21 -0.51 0.00	29.48 -0.42 0.00	27.79 -0.45 0.00	24.09 -0.34 0.00	21.85 -0.33 0.00
ALCOA_RYNLDS___DRP 24188	19.31 -0.31 0.00	17.54 -0.16 0.00	16.59 -0.17 0.00	16.48 -0.15 0.00	16.62 -0.13 0.00	17.41 -0.14 0.00	19.96 -0.41 0.00	22.05 -0.29 0.00	22.83 -0.25 0.00	22.82 -0.32 0.00	24.05 -0.47 0.00	25.51 -0.49 0.00	26.39 -0.48 0.00	27.55 -0.51 0.00	28.71 -0.53 0.00	29.61 -0.54 0.00	34.09 -0.59 0.00	37.58 -0.69 0.00	35.91 -0.58 0.00	33.21 -0.51 0.00	29.48 -0.42 0.00	27.79 -0.45 0.00	24.09 -0.34 0.00	21.85 -0.33 0.00
ALCOA___DSASP 323711	19.30 -0.31 0.00	17.54 -0.16 0.00	16.59 -0.17 0.00	16.48 -0.15 0.00	16.62 -0.13 0.00	17.41 -0.14 0.00	19.96 -0.41 0.00	22.04 -0.29 0.00	22.84 -0.25 0.00	22.82 -0.32 0.00	24.05 -0.47 0.00	25.51 -0.49 0.00	26.39 -0.48 0.00	27.55 -0.50 0.00	28.71 -0.53 0.00	29.61 -0.54 0.00	34.12 -0.56 0.00	37.58 -0.69 0.00	35.90 -0.59 0.00	33.21 -0.50 0.00	29.48 -0.42 0.00	27.79 -0.45 0.00	24.09 -0.34 0.00	21.85 -0.33 0.00
ALLEGHENY___COGEN 23514	20.48 0.86 0.00	18.13 0.42 0.00	17.16 0.40 0.00	17.08 0.45 0.00	17.26 0.50 0.00	18.16 0.61 0.00	21.45 1.08 -0.01	23.27 0.94 0.00	23.87 0.79 0.00	23.83 0.69 0.00	25.37 0.86 0.00	27.13 1.12 0.00	27.89 1.02 0.00	28.93 0.87 0.00	30.26 1.02 0.00	30.52 0.36 0.00	35.20 0.52 0.00	38.85 0.57 0.00	37.91 1.42 0.00	35.47 1.75 0.00	31.48 1.58 0.00	30.39 2.15 0.00	26.19 1.76 0.00	23.80 1.62 0.00
ALTAMONT_115KV_TB 2 55880	20.35 0.73 0.00	18.36 0.66 0.00	17.39 0.64 0.00	17.25 0.62 0.00	17.36 0.60 0.00	18.16 0.61 0.00	21.24 0.84 -0.04	23.14 0.80 0.00	23.94 0.85 0.00	23.95 0.81 0.00	25.40 0.88 0.00	26.89 0.88 0.00	27.76 0.89 0.00	28.93 0.95 0.08	30.03 0.94 0.14	30.92 1.00 0.23	35.34 1.11 0.45	39.37 1.30 0.20	37.62 1.13 0.00	34.83 1.11 0.00	30.94 1.05 0.00	29.26 1.02 0.00	25.29 0.86 0.00	23.03 0.84 0.00
ALTONA_WT_PWR 323606	19.82 0.20 0.00	18.02 0.32 0.00	17.04 0.28 0.00	16.95 0.32 0.00	17.12 0.37 0.00	17.93 0.39 0.00	20.59 0.22 0.00	22.81 0.47 0.00	23.67 0.58 0.00	23.63 0.49 0.00	24.86 0.34 0.00	26.40 0.39 0.00	27.36 0.48 0.00	28.56 0.51 0.00	29.79 0.55 0.00	30.73 0.57 0.00	35.41 0.73 0.00	39.04 0.77 0.00	37.36 0.87 0.00	34.53 0.81 0.00	30.61 0.72 0.00	28.78 0.54 0.00	24.85 0.41 0.00	22.52 0.33 0.00
AMERICAN_REF_FUEL 24010	19.34 -0.27 0.00	16.96 -0.74 0.00	16.05 -0.70 0.00	15.95 -0.68 0.00	16.15 -0.60 0.00	16.98 -0.56 0.00	20.23 -0.14 -0.01	21.69 -0.65 0.00	22.47 -0.62 0.00	22.82 -0.32 0.00	24.42 -0.10 0.00	26.16 0.16 0.00	27.22 0.35 0.00	28.31 0.25 0.00	29.50 0.26 0.00	30.34 0.18 0.00	34.68 0.00 0.00	37.77 -0.50 0.00	36.49 0.00 0.00	33.65 -0.07 0.00	29.69 -0.21 0.00	28.02 -0.23 0.00	24.33 -0.10 0.00	22.25 0.07 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	19.78 0.16 0.00	17.42 -0.28 0.00	16.45 -0.30 0.00	16.38 -0.25 0.00	16.66 -0.10 0.00	17.56 0.02 0.00	20.98 0.61 -0.01	22.85 0.51 0.00	23.78 0.69 0.00	24.11 0.97 0.00	25.94 1.42 0.00	27.88 1.87 0.00	29.10 2.23 0.00	30.22 2.16 0.00	31.46 2.22 0.00	32.35 2.20 0.00	36.79 2.12 0.00	39.91 1.64 0.00	38.60 2.12 0.00	35.47 1.75 0.00	31.18 1.28 0.00	29.40 1.16 0.00	25.43 1.00 0.00	23.16 0.98 0.00
ARTHUR_KILL_GT_1 23520	21.14 1.51 -0.01	19.00 1.29 0.00	17.93 1.17 0.00	17.73 1.10 0.00	17.81 1.06 0.00	18.58 1.03 0.00	21.68 1.28 -0.03	23.72 1.39 0.00	24.58 1.50 0.01	24.75 1.62 0.01	26.40 1.89 0.00	27.93 1.92 0.00	28.89 2.02 0.00	30.40 2.22 -0.12	31.65 2.19 -0.22	32.72 2.20 -0.37	38.14 2.74 -0.72	41.69 3.10 -0.32	39.11 2.63 0.01	35.97 2.26 0.01	31.68 1.79 0.01	30.19 1.95 0.00	26.31 1.88 0.00	23.83 1.64 0.00
ARTHUR_KILL_2 23512	21.08 1.45 -0.01	18.94 1.24 0.00	17.88 1.12 0.00	17.70 1.07 0.00	17.78 1.02 0.00	18.55 1.00 0.00	21.64 1.24 -0.03	23.68 1.34 0.00	24.51 1.43 0.01	24.68 1.55 0.01	26.33 1.81 0.00	27.85 1.85 0.00	28.81 1.94 0.00	30.31 2.13 -0.12	31.56 2.11 -0.22	32.63 2.11 -0.37	38.03 2.63 -0.72	41.58 2.99 -0.32	38.96 2.48 0.01	35.84 2.13 0.01	31.59 1.70 0.01	30.11 1.86 0.00	26.27 1.83 0.00	23.76 1.58 0.00
ARTHUR_KILL_3 23513	20.91 1.29 0.00	18.84 1.13 0.00	17.79 1.04 0.00	17.61 0.98 0.00	17.69 0.94 0.00	18.56 1.02 0.00	21.68 1.28 -0.03	23.77 1.43 0.00	24.61 1.52 0.00	24.78 1.64 0.00	26.38 1.86 0.00	27.85 1.85 0.00	28.83 1.96 0.00	30.26 2.08 -0.12	31.51 2.05 -0.23	32.58 2.05 -0.38	37.73 2.32 -0.73	41.28 2.68 -0.33	38.68 2.19 0.00	35.64 1.92 0.00	31.57 1.67 0.00	29.91 1.67 0.00	26.04 1.61 0.00	23.61 1.42 0.00
ARTHUR_KILL_COGEN 323718	21.14 1.51 -0.01	19.00 1.29 0.00	17.93 1.17 0.00	17.73 1.10 0.00	17.81 1.06 0.00	18.58 1.03 0.00	21.68 1.28 -0.03	23.72 1.39 0.00	24.58 1.50 0.01	24.75 1.62 0.01	26.40 1.89 0.00	27.93 1.92 0.00	28.89 2.02 0.00	30.40 2.22 -0.12	31.65 2.19 -0.22	32.72 2.20 -0.37	38.14 2.74 -0.72	41.69 3.10 -0.32	39.11 2.63 0.01	35.97 2.26 0.01	31.68 1.79 0.01	30.19 1.95 0.00	26.31 1.88 0.00	23.83 1.64 0.00
ASHOKAN____ 23654	20.40 0.79 0.00	18.36 0.66 0.00	17.39 0.64 0.00	17.30 0.67 0.00	17.41 0.65 0.00	18.20 0.65 0.00	21.24 0.84 -0.03	23.12 0.78 0.00	23.81 0.72 0.00	23.88 0.74 0.00	25.28 0.76 0.00	26.74 0.73 0.00	27.65 0.78 0.00	29.71 1.65 0.00	30.93 1.69 0.00	31.90 1.75 0.00	36.90 2.22 0.00	40.91 2.64 0.00	37.91 1.42 0.00	34.93 1.21 0.00	31.09 1.20 0.00	29.46 1.21 0.00	25.41 0.98 0.00	23.12 0.93 0.00

ASTORIA_EAST_ENERGY_CC1 323581	21.14 1.51 -0.01	19.08 1.36 -0.01	18.02 1.26 -0.01	17.82 1.18 -0.01	17.90 1.14 0.00	18.67 1.12 0.00	21.68 1.28 -0.03	23.76 1.43 0.01	24.63 1.55 0.01	24.82 1.69 0.01	26.40 1.89 0.01	28.01 2.00 0.00	28.91 2.04 0.00	30.45 2.27 -0.12	31.59 2.13 -0.22	32.67 2.14 -0.37	37.93 2.53 -0.72	41.46 2.87 -0.32	38.85 2.37 0.01	35.77 2.06 0.01	31.62 1.73 0.01	30.17 1.92 0.00	26.31 1.88 0.00	23.78 1.60 0.00
ASTORIA_EAST_ENERGY_CC2 323582	21.14 1.51 -0.01	19.08 1.36 -0.01	18.02 1.26 -0.01	17.82 1.18 -0.01	17.90 1.14 0.00	18.67 1.12 0.00	21.68 1.28 -0.03	23.76 1.43 0.01	24.63 1.55 0.01	24.82 1.69 0.01	26.40 1.89 0.01	28.01 2.00 0.00	28.91 2.04 0.00	30.45 2.27 -0.12	31.59 2.13 -0.22	32.67 2.14 -0.37	37.93 2.53 -0.72	41.46 2.87 -0.32	38.85 2.37 0.01	35.77 2.06 0.01	31.62 1.73 0.01	30.17 1.92 0.00	26.31 1.88 0.00	23.78 1.60 0.00
ASTORIA_GT2_1 24094	21.16 1.53 -0.01	19.08 1.36 -0.01	18.01 1.26 0.00	17.85 1.21 -0.01	17.91 1.16 0.00	18.67 1.12 0.00	21.80 1.41 -0.03	23.85 1.52 0.00	24.80 1.71 0.00	24.83 1.69 0.00	26.40 1.89 0.00	28.04 2.03 0.00	28.97 2.10 0.00	30.51 2.33 -0.12	31.60 2.13 -0.23	32.67 2.14 -0.38	37.93 2.53 -0.72	41.39 2.79 -0.33	38.82 2.34 0.00	35.81 2.09 0.00	31.63 1.73 0.00	30.17 1.92 0.00	26.34 1.91 0.00	23.80 1.62 0.00
ASTORIA_GT2_2 24095	21.16 1.53 -0.01	19.08 1.36 -0.01	18.01 1.26 0.00	17.85 1.21 -0.01	17.91 1.16 0.00	18.67 1.12 0.00	21.80 1.41 -0.03	23.85 1.52 0.00	24.80 1.71 0.00	24.83 1.69 0.00	26.40 1.89 0.00	28.04 2.03 0.00	28.97 2.10 0.00	30.51 2.33 -0.12	31.60 2.13 -0.23	32.67 2.14 -0.38	37.93 2.53 -0.72	41.39 2.79 -0.33	38.82 2.34 0.00	35.81 2.09 0.00	31.63 1.73 0.00	30.17 1.92 0.00	26.34 1.91 0.00	23.80 1.62 0.00
ASTORIA_GT2_3 24096	21.16 1.53 -0.01	19.08 1.36 -0.01	18.01 1.26 0.00	17.85 1.21 -0.01	17.91 1.16 0.00	18.67 1.12 0.00	21.80 1.41 -0.03	23.85 1.52 0.00	24.80 1.71 0.00	24.83 1.69 0.00	26.40 1.89 0.00	28.04 2.03 0.00	28.97 2.10 0.00	30.51 2.33 -0.12	31.60 2.13 -0.23	32.67 2.14 -0.38	37.93 2.53 -0.72	41.39 2.79 -0.33	38.82 2.34 0.00	35.81 2.09 0.00	31.63 1.73 0.00	30.17 1.92 0.00	26.34 1.91 0.00	23.80 1.62 0.00
ASTORIA_GT2_4 24097	21.16 1.53 -0.01	19.08 1.36 -0.01	18.01 1.26 0.00	17.85 1.21 -0.01	17.91 1.16 0.00	18.67 1.12 0.00	21.80 1.41 -0.03	23.85 1.52 0.00	24.80 1.71 0.00	24.83 1.69 0.00	26.40 1.89 0.00	28.04 2.03 0.00	28.97 2.10 0.00	30.51 2.33 -0.12	31.60 2.13 -0.23	32.67 2.14 -0.38	37.93 2.53 -0.72	41.39 2.79 -0.33	38.82 2.34 0.00	35.81 2.09 0.00	31.63 1.73 0.00	30.17 1.92 0.00	26.34 1.91 0.00	23.80 1.62 0.00
ASTORIA_GT3_1 24098	21.16 1.53 -0.01	19.08 1.36 -0.01	18.01 1.26 0.00	17.85 1.21 -0.01	17.91 1.16 0.00	18.67 1.12 0.00	21.80 1.41 -0.03	23.85 1.52 0.00	24.80 1.71 0.00	24.83 1.69 0.00	26.40 1.89 0.00	28.04 2.03 0.00	28.97 2.10 0.00	30.51 2.33 -0.12	31.60 2.13 -0.23	32.67 2.14 -0.38	37.93 2.53 -0.72	41.39 2.79 -0.33	38.82 2.34 0.00	35.81 2.09 0.00	31.63 1.73 0.00	30.17 1.92 0.00	26.34 1.91 0.00	23.80 1.62 0.00
ASTORIA_GT3_2 24099	21.16 1.53 -0.01	19.08 1.36 -0.01	18.01 1.26 0.00	17.85 1.21 -0.01	17.91 1.16 0.00	18.67 1.12 0.00	21.80 1.41 -0.03	23.85 1.52 0.00	24.80 1.71 0.00	24.83 1.69 0.00	26.40 1.89 0.00	28.04 2.03 0.00	28.97 2.10 0.00	30.51 2.33 -0.12	31.60 2.13 -0.23	32.67 2.14 -0.38	37.93 2.53 -0.72	41.39 2.79 -0.33	38.82 2.34 0.00	35.81 2.09 0.00	31.63 1.73 0.00	30.17 1.92 0.00	26.34 1.91 0.00	23.80 1.62 0.00
ASTORIA_GT3_3 24100	21.16 1.53 -0.01	19.08 1.36 -0.01	18.01 1.26 0.00	17.85 1.21 -0.01	17.91 1.16 0.00	18.67 1.12 0.00	21.80 1.41 -0.03	23.85 1.52 0.00	24.80 1.71 0.00	24.83 1.69 0.00	26.40 1.89 0.00	28.04 2.03 0.00	28.97 2.10 0.00	30.51 2.33 -0.12	31.60 2.13 -0.23	32.67 2.14 -0.38	37.93 2.53 -0.72	41.39 2.79 -0.33	38.82 2.34 0.00	35.81 2.09 0.00	31.63 1.73 0.00	30.17 1.92 0.00	26.34 1.91 0.00	23.80 1.62 0.00
ASTORIA_GT3_4 24101	21.16 1.53 -0.01	19.08 1.36 -0.01	18.01 1.26 0.00	17.85 1.21 -0.01	17.91 1.16 0.00	18.67 1.12 0.00	21.80 1.41 -0.03	23.85 1.52 0.00	24.80 1.71 0.00	24.83 1.69 0.00	26.40 1.89 0.00	28.04 2.03 0.00	28.97 2.10 0.00	30.51 2.33 -0.12	31.60 2.13 -0.23	32.67 2.14 -0.38	37.93 2.53 -0.72	41.39 2.79 -0.33	38.82 2.34 0.00	35.81 2.09 0.00	31.63 1.73 0.00	30.17 1.92 0.00	26.34 1.91 0.00	23.80 1.62 0.00
ASTORIA_GT4_1 24102	21.16 1.53 -0.01	19.08 1.36 -0.01	18.01 1.26 0.00	17.85 1.21 -0.01	17.91 1.16 0.00	18.67 1.12 0.00	21.80 1.41 -0.03	23.85 1.52 0.00	24.80 1.71 0.00	24.83 1.69 0.00	26.40 1.89 0.00	28.04 2.03 0.00	28.97 2.10 0.00	30.51 2.33 -0.12	31.60 2.13 -0.23	32.67 2.14 -0.38	37.93 2.53 -0.72	41.39 2.79 -0.33	38.82 2.34 0.00	35.81 2.09 0.00	31.63 1.73 0.00	30.17 1.92 0.00	26.34 1.91 0.00	23.80 1.62 0.00
ASTORIA_GT4_2 24103	21.16 1.53 -0.01	19.08 1.36 -0.01	18.01 1.26 0.00	17.85 1.21 -0.01	17.91 1.16 0.00	18.67 1.12 0.00	21.80 1.41 -0.03	23.85 1.52 0.00	24.80 1.71 0.00	24.83 1.69 0.00	26.40 1.89 0.00	28.04 2.03 0.00	28.97 2.10 0.00	30.51 2.33 -0.12	31.60 2.13 -0.23	32.67 2.14 -0.38	37.93 2.53 -0.72	41.39 2.79 -0.33	38.82 2.34 0.00	35.81 2.09 0.00	31.63 1.73 0.00	30.17 1.92 0.00	26.34 1.91 0.00	23.80 1.62 0.00
ASTORIA_GT4_3 24104	21.16 1.53 -0.01	19.08 1.36 -0.01	18.01 1.26 0.00	17.85 1.21 -0.01	17.91 1.16 0.00	18.67 1.12 0.00	21.80 1.41 -0.03	23.85 1.52 0.00	24.80 1.71 0.00	24.83 1.69 0.00	26.40 1.89 0.00	28.04 2.03 0.00	28.97 2.10 0.00	30.51 2.33 -0.12	31.60 2.13 -0.23	32.67 2.14 -0.38	37.93 2.53 -0.72	41.39 2.79 -0.33	38.82 2.34 0.00	35.81 2.09 0.00	31.63 1.73 0.00	30.17 1.92 0.00	26.34 1.91 0.00	23.80 1.62 0.00
ASTORIA_GT4_4 24105	21.16 1.53 -0.01	19.08 1.36 -0.01	18.01 1.26 0.00	17.85 1.21 -0.01	17.91 1.16 0.00	18.67 1.12 0.00	21.80 1.41 -0.03	23.85 1.52 0.00	24.80 1.71 0.00	24.83 1.69 0.00	26.40 1.89 0.00	28.04 2.03 0.00	28.97 2.10 0.00	30.51 2.33 -0.12	31.60 2.13 -0.23	32.67 2.14 -0.38	37.93 2.53 -0.72	41.39 2.79 -0.33	38.82 2.34 0.00	35.81 2.09 0.00	31.63 1.73 0.00	30.17 1.92 0.00	26.34 1.91 0.00	23.80 1.62 0.00
ASTORIA_GT_1 23523	21.18 1.55 -0.01	19.11 1.40 -0.01	18.04 1.27 -0.01	17.85 1.21 -0.01	17.93 1.17 0.00	18.70 1.16 0.00	21.72 1.32 -0.03	23.80 1.47 0.01	24.67 1.59 0.01	24.87 1.74 0.01	26.45 1.94 0.01	28.06 2.05 0.00	28.99 2.12 0.00	30.51 2.33 -0.12	31.65 2.19 -0.22	32.72 2.20 -0.37	38.03 2.63 -0.72	41.58 2.99 -0.32	38.96 2.48 0.01	35.87 2.16 0.01	31.68 1.79 0.01	30.22 1.98 0.00	26.39 1.96 0.00	23.85 1.66 0.00

ASTORIA_GT_10 24110	21.10 1.47 -0.01	19.00 1.29 0.00	17.95 1.19 0.00	17.76 1.13 0.00	17.84 1.09 0.00	18.65 1.11 0.00	21.88 1.49 -0.03	23.92 1.59 0.00	24.84 1.75 0.00	24.90 1.76 0.00	26.50 1.99 0.00	28.06 2.05 0.00	29.02 2.15 0.00	30.54 2.36 -0.12	31.72 2.25 -0.23	32.79 2.26 -0.38	38.04 2.64 -0.72	41.55 2.95 -0.33	38.97 2.48 0.00	35.91 2.19 0.00	31.72 1.82 0.00	30.17 1.92 0.00	26.29 1.86 0.00	23.78 1.60 0.00
ASTORIA_GT_11 24225	21.10 1.47 -0.01	19.00 1.29 0.00	17.95 1.19 0.00	17.76 1.13 0.00	17.84 1.09 0.00	18.65 1.11 0.00	21.88 1.49 -0.03	23.92 1.59 0.00	24.84 1.75 0.00	24.90 1.76 0.00	26.50 1.99 0.00	28.06 2.05 0.00	29.02 2.15 0.00	30.54 2.36 -0.12	31.72 2.25 -0.23	32.79 2.26 -0.38	38.04 2.64 -0.72	41.55 2.95 -0.33	38.97 2.48 0.00	35.91 2.19 0.00	31.72 1.82 0.00	30.17 1.92 0.00	26.29 1.86 0.00	23.78 1.60 0.00
ASTORIA_GT_12 24226	21.10 1.47 -0.01	19.00 1.29 0.00	17.93 1.17 0.00	17.75 1.11 0.00	17.84 1.09 0.00	18.65 1.11 0.00	21.76 1.36 -0.03	23.86 1.52 0.00	24.73 1.64 0.00	24.90 1.76 0.00	26.50 1.99 0.00	28.04 2.03 0.00	28.99 2.12 0.00	30.48 2.30 -0.12	31.72 2.25 -0.23	32.79 2.26 -0.38	38.08 2.67 -0.73	41.62 3.02 -0.33	39.00 2.52 0.00	35.91 2.19 0.00	31.75 1.85 0.00	30.17 1.92 0.00	26.29 1.86 0.00	23.78 1.60 0.00
ASTORIA_GT_13 24227	21.10 1.47 -0.01	19.00 1.29 0.00	17.93 1.17 0.00	17.75 1.11 0.00	17.84 1.09 0.00	18.65 1.11 0.00	21.76 1.36 -0.03	23.86 1.52 0.00	24.73 1.64 0.00	24.90 1.76 0.00	26.50 1.99 0.00	28.04 2.03 0.00	28.99 2.12 0.00	30.48 2.30 -0.12	31.72 2.25 -0.23	32.79 2.26 -0.38	38.08 2.67 -0.73	41.62 3.02 -0.33	39.00 2.52 0.00	35.91 2.19 0.00	31.75 1.85 0.00	30.17 1.92 0.00	26.29 1.86 0.00	23.78 1.60 0.00
ASTORIA_GT_5 24106	21.18 1.55 -0.01	19.11 1.40 -0.01	18.04 1.27 -0.01	17.85 1.21 -0.01	17.93 1.17 0.00	18.70 1.16 0.00	21.72 1.32 -0.03	23.80 1.47 0.01	24.67 1.59 0.01	24.87 1.74 0.01	26.45 1.94 0.01	28.06 2.05 0.00	28.99 2.12 0.00	30.51 2.33 -0.12	31.65 2.19 -0.22	32.72 2.20 -0.37	38.03 2.63 -0.72	41.58 2.99 -0.32	38.96 2.48 0.01	35.87 2.16 0.01	31.68 1.79 0.01	30.22 1.98 0.00	26.39 1.96 0.00	23.85 1.66 0.00
ASTORIA_GT_7 24107	21.18 1.55 -0.01	19.11 1.40 -0.01	18.04 1.27 -0.01	17.85 1.21 -0.01	17.93 1.17 0.00	18.70 1.16 0.00	21.72 1.32 -0.03	23.80 1.47 0.01	24.67 1.59 0.01	24.87 1.74 0.01	26.45 1.94 0.01	28.06 2.05 0.00	28.99 2.12 0.00	30.51 2.33 -0.12	31.65 2.19 -0.22	32.72 2.20 -0.37	38.03 2.63 -0.72	41.58 2.99 -0.32	38.96 2.48 0.01	35.87 2.16 0.01	31.68 1.79 0.01	30.22 1.98 0.00	26.39 1.96 0.00	23.85 1.66 0.00
ASTORIA_GT_8 24108	21.18 1.55 -0.01	19.11 1.40 -0.01	18.05 1.29 0.00	17.87 1.23 -0.01	17.93 1.17 0.00	18.70 1.16 0.00	21.82 1.43 -0.03	23.88 1.54 0.00	24.84 1.75 0.00	24.88 1.74 0.00	26.45 1.94 0.00	28.09 2.08 0.00	29.02 2.15 0.00	30.57 2.38 -0.12	31.66 2.19 -0.23	32.73 2.20 -0.38	38.00 2.60 -0.72	41.51 2.91 -0.33	38.90 2.41 0.00	35.88 2.16 0.00	31.69 1.79 0.00	30.22 1.98 0.00	26.39 1.95 0.00	23.85 1.66 0.00
ASTORIA___2 24149	21.16 1.53 -0.01	19.08 1.36 -0.01	18.02 1.26 -0.01	17.84 1.20 -0.01	17.91 1.16 0.00	18.67 1.12 0.00	21.68 1.28 -0.03	23.78 1.45 0.01	24.63 1.55 0.01	24.82 1.69 0.01	26.40 1.89 0.01	28.01 2.00 0.00	28.94 2.07 0.00	30.45 2.27 -0.12	31.59 2.13 -0.22	32.67 2.14 -0.37	37.96 2.57 -0.72	41.50 2.91 -0.32	38.85 2.37 0.01	35.80 2.09 0.01	31.62 1.73 0.01	30.17 1.92 0.00	26.34 1.91 0.00	23.80 1.62 0.00
ASTORIA___3 23516	21.10 1.47 -0.01	19.00 1.29 0.00	17.93 1.17 0.00	17.75 1.11 0.00	17.84 1.09 0.00	18.65 1.11 0.00	21.76 1.36 -0.03	23.86 1.52 0.00	24.73 1.64 0.00	24.90 1.76 0.00	26.50 1.99 0.00	28.04 2.03 0.00	28.99 2.12 0.00	30.48 2.30 -0.12	31.72 2.25 -0.23	32.79 2.26 -0.38	38.08 2.67 -0.73	41.62 3.02 -0.33	39.00 2.52 0.00	35.91 2.19 0.00	31.75 1.85 0.00	30.17 1.92 0.00	26.29 1.86 0.00	23.78 1.60 0.00
ASTORIA___4 23517	21.10 1.47 -0.01	19.00 1.29 0.00	17.95 1.19 0.00	17.76 1.13 0.00	17.84 1.09 0.00	18.65 1.11 0.00	21.88 1.49 -0.03	23.92 1.59 0.00	24.84 1.75 0.00	24.90 1.76 0.00	26.50 1.99 0.00	28.06 2.05 0.00	29.02 2.15 0.00	30.54 2.36 -0.12	31.72 2.25 -0.23	32.79 2.26 -0.38	38.04 2.64 -0.72	41.55 2.95 -0.33	38.97 2.48 0.00	35.91 2.19 0.00	31.72 1.82 0.00	30.17 1.92 0.00	26.29 1.86 0.00	23.78 1.60 0.00
ASTORIA___5 23518	21.10 1.47 -0.01	19.00 1.29 0.00	17.93 1.17 0.00	17.75 1.11 0.00	17.84 1.09 0.00	18.65 1.11 0.00	21.76 1.36 -0.03	23.86 1.52 0.00	24.73 1.64 0.00	24.90 1.76 0.00	26.50 1.99 0.00	28.04 2.03 0.00	28.99 2.12 0.00	30.48 2.30 -0.12	31.72 2.25 -0.23	32.79 2.26 -0.38	38.08 2.67 -0.73	41.62 3.02 -0.33	39.00 2.52 0.00	35.91 2.19 0.00	31.75 1.85 0.00	30.17 1.92 0.00	26.29 1.86 0.00	23.78 1.60 0.00
AST_ENERGY_2_CC3 323677	20.95 1.33 0.00	18.89 1.19 0.00	17.83 1.07 0.00	17.66 1.03 0.00	17.74 0.99 0.00	18.60 1.05 0.00	21.72 1.32 -0.03	23.81 1.47 0.00	24.66 1.57 0.00	24.83 1.69 0.00	26.43 1.91 0.00	27.93 1.92 0.00	28.89 2.02 0.00	30.33 2.16 -0.12	31.58 2.13 -0.22	32.66 2.14 -0.36	37.89 2.50 -0.71	41.42 2.83 -0.32	38.81 2.34 0.02	35.76 2.06 0.02	31.67 1.79 0.02	30.00 1.75 0.00	26.12 1.68 0.00	23.67 1.49 0.00
AST_ENERGY_2_CC4 323678	20.95 1.33 0.00	18.89 1.19 0.00	17.83 1.07 0.00	17.66 1.03 0.00	17.74 0.99 0.00	18.60 1.05 0.00	21.72 1.32 -0.03	23.81 1.47 0.00	24.66 1.57 0.00	24.83 1.69 0.00	26.43 1.91 0.00	27.93 1.92 0.00	28.89 2.02 0.00	30.33 2.16 -0.12	31.58 2.13 -0.22	32.66 2.14 -0.36	37.89 2.50 -0.71	41.42 2.83 -0.32	38.81 2.34 0.02	35.76 2.06 0.02	31.67 1.79 0.02	30.00 1.75 0.00	26.12 1.68 0.00	23.67 1.49 0.00
ATHENS_STG_1 23668	20.50 0.88 0.00	18.46 0.76 0.00	17.49 0.74 0.00	17.33 0.70 0.00	17.44 0.69 0.00	18.25 0.70 0.00	21.30 0.90 -0.03	23.27 0.94 0.00	24.04 0.95 0.00	24.16 1.02 0.00	25.67 1.15 0.00	27.13 1.12 0.00	28.05 1.18 0.00	29.33 1.23 -0.04	30.57 1.26 -0.08	31.55 1.27 -0.13	36.35 1.42 -0.24	39.99 1.61 -0.11	37.88 1.39 0.00	35.03 1.31 0.00	31.09 1.20 0.00	29.43 1.19 0.00	25.48 1.05 0.00	23.18 1.00 0.00
ATHENS_STG_2 23670	20.50 0.88 0.00	18.46 0.76 0.00	17.49 0.74 0.00	17.33 0.70 0.00	17.44 0.69 0.00	18.25 0.70 0.00	21.30 0.90 -0.03	23.27 0.94 0.00	24.04 0.95 0.00	24.16 1.02 0.00	25.67 1.15 0.00	27.13 1.12 0.00	28.05 1.18 0.00	29.33 1.23 -0.04	30.57 1.26 -0.08	31.55 1.27 -0.13	36.35 1.42 -0.24	39.99 1.61 -0.11	37.88 1.39 0.00	35.03 1.31 0.00	31.09 1.20 0.00	29.43 1.19 0.00	25.48 1.05 0.00	23.18 1.00 0.00

ATHENS_STG_3 23677	20.50 0.88 0.00	18.46 0.76 0.00	17.49 0.74 0.00	17.33 0.70 0.00	17.44 0.69 0.00	18.25 0.70 0.00	21.30 0.90 -0.03	23.27 0.94 0.00	24.04 0.95 0.00	24.16 1.02 0.00	25.67 1.15 0.00	27.13 1.12 0.00	28.05 1.18 0.00	29.33 1.23 -0.04	30.57 1.26 -0.08	31.55 1.27 -0.13	36.35 1.42 -0.24	39.99 1.61 -0.11	37.88 1.39 0.00	35.03 1.31 0.00	31.09 1.20 0.00	29.43 1.19 0.00	25.48 1.05 0.00	23.18 1.00 0.00
AUBURN____LFGE 323710	20.05 0.43 0.00	17.95 0.25 0.00	16.94 0.18 0.00	16.85 0.22 0.00	17.01 0.25 0.00	17.84 0.30 0.00	20.74 0.37 0.00	22.69 0.36 0.00	23.64 0.32 -0.23	23.84 0.44 -0.26	25.72 0.56 -0.64	27.60 0.68 -0.92	28.59 0.67 -1.04	30.04 0.70 -1.28	31.59 0.85 -1.50	32.68 0.87 -1.65	38.17 1.08 -2.41	42.47 1.19 -3.01	40.45 1.24 -2.72	36.99 1.05 -2.23	32.34 0.93 -1.51	30.07 0.79 -1.04	25.50 0.61 -0.46	23.02 0.53 -0.30
BABYLON_RES_REC 323704	21.44 1.82 0.00	19.30 1.59 0.00	18.13 1.37 0.00	17.90 1.26 0.00	17.96 1.21 0.00	18.97 1.42 0.00	22.11 1.71 -0.03	24.26 1.92 0.00	25.21 2.12 0.00	25.48 2.34 -0.01	27.05 2.53 -0.01	29.67 2.52 -1.14	31.20 2.66 -1.66	31.75 2.81 -0.89	32.37 2.89 -0.24	33.48 2.92 -0.40	38.88 3.47 -0.73	42.59 3.98 -0.34	40.00 3.50 -0.01	36.83 3.10 -0.01	32.60 2.69 -0.01	32.01 2.54 -1.22	28.11 2.42 -1.26	24.43 2.24 -0.01
BABYLON__69_KV_BK2 356345	21.60 1.98 0.00	19.46 1.75 0.00	18.33 1.58 0.00	18.06 1.43 0.00	18.08 1.32 0.00	19.11 1.56 0.00	22.35 1.96 -0.03	24.50 2.17 0.00	25.54 2.45 0.00	25.69 2.55 0.00	27.29 2.77 0.00	29.95 2.81 -1.14	31.49 2.96 -1.66	32.08 3.14 -0.89	32.68 3.22 -0.23	33.78 3.23 -0.40	39.22 3.81 -0.72	42.93 4.32 -0.33	40.36 3.87 0.00	37.19 3.47 0.00	32.89 2.99 0.00	32.35 2.88 -1.22	28.38 2.69 -1.26	24.65 2.46 0.00
BARON_WINDS____WT_PWR 323822	19.91 0.29 0.00	17.65 -0.05 0.00	16.69 -0.07 0.00	16.58 -0.05 0.00	16.79 0.03 0.00	17.65 0.11 0.00	20.84 0.47 -0.01	22.69 0.36 0.00	23.51 0.37 -0.06	23.69 0.49 -0.07	25.44 0.76 -0.17	27.26 1.01 -0.24	28.32 1.18 -0.27	29.54 1.15 -0.33	30.85 1.23 -0.39	31.73 1.17 -0.41	36.43 1.18 -0.57	40.05 1.07 -0.71	38.44 1.31 -0.64	35.35 1.11 -0.52	31.09 0.84 -0.36	29.28 0.79 -0.24	25.22 0.68 -0.11	22.97 0.71 -0.07
BARRETT_IC_1 23704	21.25 1.63 0.00	19.14 1.43 0.00	18.00 1.24 0.00	17.76 1.13 0.00	17.83 1.07 0.00	18.81 1.26 0.00	21.94 1.55 -0.03	24.10 1.76 0.00	25.03 1.94 0.00	25.28 2.13 -0.01	26.83 2.30 -0.01	29.30 2.16 -1.14	30.76 2.23 -1.66	31.27 2.33 -0.89	31.93 2.46 -0.24	33.02 2.47 -0.40	38.29 2.88 -0.73	41.86 3.25 -0.34	39.31 2.81 -0.01	36.19 2.46 -0.01	32.15 2.24 -0.01	31.50 2.03 -1.22	27.74 2.05 -1.26	24.17 1.97 -0.01
BARRETT_IC_10 23701	21.25 1.63 0.00	19.14 1.43 0.00	18.00 1.24 0.00	17.76 1.13 0.00	17.83 1.07 0.00	18.81 1.26 0.00	21.94 1.55 -0.03	24.10 1.76 0.00	25.03 1.94 0.00	25.28 2.13 -0.01	26.83 2.30 -0.01	29.30 2.16 -1.14	30.76 2.23 -1.66	31.27 2.33 -0.89	31.93 2.46 -0.24	33.02 2.47 -0.40	38.29 2.88 -0.73	41.86 3.25 -0.34	39.31 2.81 -0.01	36.19 2.46 -0.01	32.15 2.24 -0.01	31.50 2.03 -1.22	27.74 2.05 -1.26	24.17 1.97 -0.01
BARRETT_IC_11 23702	21.25 1.63 0.00	19.14 1.43 0.00	18.00 1.24 0.00	17.76 1.13 0.00	17.83 1.07 0.00	18.81 1.26 0.00	21.94 1.55 -0.03	24.10 1.76 0.00	25.03 1.94 0.00	25.28 2.13 -0.01	26.83 2.30 -0.01	29.30 2.16 -1.14	30.76 2.23 -1.66	31.27 2.33 -0.89	31.93 2.46 -0.24	33.02 2.47 -0.40	38.29 2.88 -0.73	41.86 3.25 -0.34	39.31 2.81 -0.01	36.19 2.46 -0.01	32.15 2.24 -0.01	31.50 2.03 -1.22	27.74 2.05 -1.26	24.17 1.97 -0.01
BARRETT_IC_12 23703	21.25 1.63 0.00	19.14 1.43 0.00	18.00 1.24 0.00	17.76 1.13 0.00	17.83 1.07 0.00	18.81 1.26 0.00	21.94 1.55 -0.03	24.10 1.76 0.00	25.03 1.94 0.00	25.28 2.13 -0.01	26.83 2.30 -0.01	29.30 2.16 -1.14	30.76 2.23 -1.66	31.27 2.33 -0.89	31.93 2.46 -0.24	33.02 2.47 -0.40	38.29 2.88 -0.73	41.86 3.25 -0.34	39.31 2.81 -0.01	36.19 2.46 -0.01	32.15 2.24 -0.01	31.50 2.03 -1.22	27.74 2.05 -1.26	24.17 1.97 -0.01
BARRETT_IC_2 23705	21.25 1.63 0.00	19.14 1.43 0.00	18.00 1.24 0.00	17.76 1.13 0.00	17.83 1.07 0.00	18.81 1.26 0.00	21.94 1.55 -0.03	24.10 1.76 0.00	25.03 1.94 0.00	25.28 2.13 -0.01	26.83 2.30 -0.01	29.30 2.16 -1.14	30.76 2.23 -1.66	31.27 2.33 -0.89	31.93 2.46 -0.24	33.02 2.47 -0.40	38.29 2.88 -0.73	41.86 3.25 -0.34	39.31 2.81 -0.01	36.19 2.46 -0.01	32.15 2.24 -0.01	31.50 2.03 -1.22	27.74 2.05 -1.26	24.17 1.97 -0.01
BARRETT_IC_3 23706	21.25 1.63 0.00	19.14 1.43 0.00	18.00 1.24 0.00	17.76 1.13 0.00	17.83 1.07 0.00	18.81 1.26 0.00	21.94 1.55 -0.03	24.10 1.76 0.00	25.03 1.94 0.00	25.28 2.13 -0.01	26.83 2.30 -0.01	29.30 2.16 -1.14	30.76 2.23 -1.66	31.27 2.33 -0.89	31.93 2.46 -0.24	33.02 2.47 -0.40	38.29 2.88 -0.73	41.86 3.25 -0.34	39.31 2.81 -0.01	36.19 2.46 -0.01	32.15 2.24 -0.01	31.50 2.03 -1.22	27.74 2.05 -1.26	24.17 1.97 -0.01
BARRETT_IC_4 23707	21.25 1.63 0.00	19.14 1.43 0.00	18.00 1.24 0.00	17.76 1.13 0.00	17.83 1.07 0.00	18.81 1.26 0.00	21.94 1.55 -0.03	24.10 1.76 0.00	25.03 1.94 0.00	25.28 2.13 -0.01	26.83 2.30 -0.01	29.30 2.16 -1.14	30.76 2.23 -1.66	31.27 2.33 -0.89	31.93 2.46 -0.24	33.02 2.47 -0.40	38.29 2.88 -0.73	41.86 3.25 -0.34	39.31 2.81 -0.01	36.19 2.46 -0.01	32.15 2.24 -0.01	31.50 2.03 -1.22	27.74 2.05 -1.26	24.17 1.97 -0.01
BARRETT_IC_5 23708	21.25 1.63 0.00	19.14 1.43 0.00	18.00 1.24 0.00	17.76 1.13 0.00	17.83 1.07 0.00	18.81 1.26 0.00	21.94 1.55 -0.03	24.10 1.76 0.00	25.03 1.94 0.00	25.28 2.13 -0.01	26.83 2.30 -0.01	29.30 2.16 -1.14	30.76 2.23 -1.66	31.27 2.33 -0.89	31.93 2.46 -0.24	33.02 2.47 -0.40	38.29 2.88 -0.73	41.86 3.25 -0.34	39.31 2.81 -0.01	36.19 2.46 -0.01	32.15 2.24 -0.01	31.50 2.03 -1.22	27.74 2.05 -1.26	24.17 1.97 -0.01
BARRETT_IC_6 23709	21.25 1.63 0.00	19.14 1.43 0.00	18.00 1.24 0.00	17.76 1.13 0.00	17.83 1.07 0.00	18.81 1.26 0.00	21.94 1.55 -0.03	24.10 1.76 0.00	25.03 1.94 0.00	25.28 2.13 -0.01	26.83 2.30 -0.01	29.30 2.16 -1.14	30.76 2.23 -1.66	31.27 2.33 -0.89	31.93 2.46 -0.24	33.02 2.47 -0.40	38.29 2.88 -0.73	41.86 3.25 -0.34	39.31 2.81 -0.01	36.19 2.46 -0.01	32.15 2.24 -0.01	31.50 2.03 -1.22	27.74 2.05 -1.26	24.17 1.97 -0.01
BARRETT_IC_7 23710	21.25 1.63 0.00	19.14 1.43 0.00	18.05 1.29 0.00	17.80 1.16 0.00	17.83 1.07 0.00	18.81 1.26 0.00	22.05 1.65 -0.03	24.17 1.83 0.00	25.14 2.05 0.00	25.27 2.13 0.00	26.82 2.30 0.00	29.33 2.18 -1.14	30.74 2.20 -1.66	31.30 2.36 -0.89	31.92 2.46 -0.23	33.02 2.47 -0.40	38.24 2.84 -0.72	41.78 3.18 -0.33	39.23 2.74 0.00	36.18 2.46 0.00	32.11 2.21 0.00	31.50 2.03 -1.22	27.74 2.05 -1.26	24.16 1.97 0.00

BARRETT_IC_8 23711	21.25 1.63 0.00	19.14 1.43 0.00	18.00 1.24 0.00	17.76 1.13 0.00	17.83 1.07 0.00	18.81 1.26 0.00	21.94 1.55 -0.03	24.10 1.76 0.00	25.03 1.94 0.00	25.28 2.13 -0.01	26.83 2.30 -0.01	29.30 2.16 -1.14	30.76 2.23 -1.66	31.27 2.33 -0.89	31.93 2.46 -0.24	33.02 2.47 -0.40	38.29 2.88 -0.73	41.86 3.25 -0.34	39.31 2.81 -0.01	36.19 2.46 -0.01	32.15 2.24 -0.01	31.50 2.03 -1.22	27.74 2.05 -1.26	24.17 1.97 -0.01
BARRETT_IC_9 23700	21.25 1.63 0.00	19.14 1.43 0.00	18.00 1.24 0.00	17.76 1.13 0.00	17.83 1.07 0.00	18.81 1.26 0.00	21.94 1.55 -0.03	24.10 1.76 0.00	25.03 1.94 0.00	25.28 2.13 -0.01	26.83 2.30 -0.01	29.30 2.16 -1.14	30.76 2.23 -1.66	31.27 2.33 -0.89	31.93 2.46 -0.24	33.02 2.47 -0.40	38.29 2.88 -0.73	41.86 3.25 -0.34	39.31 2.81 -0.01	36.19 2.46 -0.01	32.15 2.24 -0.01	31.50 2.03 -1.22	27.74 2.05 -1.26	24.17 1.97 -0.01
BARRETT___1 23545	21.25 1.63 0.00	19.14 1.43 0.00	18.00 1.24 0.00	17.76 1.13 0.00	17.83 1.07 0.00	18.81 1.26 0.00	21.94 1.55 -0.03	24.10 1.76 0.00	25.03 1.94 0.00	25.28 2.13 -0.01	26.83 2.30 -0.01	29.30 2.16 -1.14	30.76 2.23 -1.66	31.27 2.33 -0.89	31.93 2.46 -0.24	33.02 2.47 -0.40	38.29 2.88 -0.73	41.86 3.25 -0.34	39.31 2.81 -0.01	36.19 2.46 -0.01	32.15 2.24 -0.01	31.50 2.03 -1.22	27.74 2.05 -1.26	24.17 1.97 -0.01
BARRETT___2 23546	21.25 1.63 0.00	19.14 1.43 0.00	18.00 1.24 0.00	17.76 1.13 0.00	17.83 1.07 0.00	18.81 1.26 0.00	21.94 1.55 -0.03	24.10 1.76 0.00	25.03 1.94 0.00	25.28 2.13 -0.01	26.83 2.30 -0.01	29.30 2.16 -1.14	30.76 2.23 -1.66	31.27 2.33 -0.89	31.93 2.46 -0.24	33.02 2.47 -0.40	38.29 2.88 -0.73	41.86 3.25 -0.34	39.31 2.81 -0.01	36.19 2.46 -0.01	32.15 2.24 -0.01	31.50 2.03 -1.22	27.74 2.05 -1.26	24.17 1.97 -0.01
BATAVIA___115KV_TB1 55881	19.95 0.33 0.00	17.56 -0.14 0.00	16.60 -0.15 0.00	16.50 -0.13 0.00	16.72 -0.03 0.00	17.60 0.05 0.00	20.45 0.08 0.00	22.63 0.29 0.00	23.46 0.37 0.00	23.67 0.53 0.00	25.30 0.78 0.00	26.89 0.88 0.00	28.16 1.29 0.00	29.21 1.15 0.00	30.64 1.40 0.00	31.57 1.42 0.00	36.24 1.56 0.00	39.46 1.19 0.00	38.28 1.79 0.00	35.17 1.45 0.00	31.15 1.26 0.00	29.35 1.10 0.00	25.36 0.93 0.00	23.12 0.93 0.00
BAYONEEC___CTG1 323682	20.97 1.35 0.00	18.89 1.19 0.00	17.84 1.09 0.00	17.66 1.03 0.00	17.76 1.01 0.00	18.62 1.07 0.00	21.76 1.36 -0.03	23.86 1.52 0.00	24.70 1.62 0.00	24.88 1.74 0.00	26.48 1.96 0.00	27.96 1.95 0.00	28.91 2.04 0.00	30.37 2.19 -0.12	31.66 2.19 -0.23	32.73 2.20 -0.38	37.94 2.53 -0.73	41.47 2.87 -0.33	38.86 2.37 0.00	35.81 2.09 0.00	31.72 1.82 0.00	30.03 1.78 0.00	26.14 1.71 0.00	23.69 1.51 0.00
BAYONEEC___CTG10 323750	20.97 1.35 0.00	18.89 1.19 0.00	17.84 1.09 0.00	17.66 1.03 0.00	17.76 1.01 0.00	18.62 1.07 0.00	21.76 1.36 -0.03	23.86 1.52 0.00	24.70 1.62 0.00	24.88 1.74 0.00	26.48 1.96 0.00	27.96 1.95 0.00	28.91 2.04 0.00	30.37 2.19 -0.12	31.66 2.19 -0.23	32.73 2.20 -0.38	37.94 2.53 -0.73	41.47 2.87 -0.33	38.86 2.37 0.00	35.81 2.09 0.00	31.72 1.82 0.00	30.03 1.78 0.00	26.14 1.71 0.00	23.69 1.51 0.00
BAYONEEC___CTG2 323683	20.97 1.35 0.00	18.89 1.19 0.00	17.84 1.09 0.00	17.66 1.03 0.00	17.76 1.01 0.00	18.62 1.07 0.00	21.76 1.36 -0.03	23.86 1.52 0.00	24.70 1.62 0.00	24.88 1.74 0.00	26.48 1.96 0.00	27.96 1.95 0.00	28.91 2.04 0.00	30.37 2.19 -0.12	31.66 2.19 -0.23	32.73 2.20 -0.38	37.94 2.53 -0.73	41.47 2.87 -0.33	38.86 2.37 0.00	35.81 2.09 0.00	31.72 1.82 0.00	30.03 1.78 0.00	26.14 1.71 0.00	23.69 1.51 0.00
BAYONEEC___CTG3 323684	20.97 1.35 0.00	18.89 1.19 0.00	17.84 1.09 0.00	17.66 1.03 0.00	17.76 1.01 0.00	18.62 1.07 0.00	21.76 1.36 -0.03	23.86 1.52 0.00	24.70 1.62 0.00	24.88 1.74 0.00	26.48 1.96 0.00	27.96 1.95 0.00	28.91 2.04 0.00	30.37 2.19 -0.12	31.66 2.19 -0.23	32.73 2.20 -0.38	37.94 2.53 -0.73	41.47 2.87 -0.33	38.86 2.37 0.00	35.81 2.09 0.00	31.72 1.82 0.00	30.03 1.78 0.00	26.14 1.71 0.00	23.69 1.51 0.00
BAYONEEC___CTG4 323685	20.97 1.35 0.00	18.89 1.19 0.00	17.84 1.09 0.00	17.66 1.03 0.00	17.76 1.01 0.00	18.62 1.07 0.00	21.76 1.36 -0.03	23.86 1.52 0.00	24.70 1.62 0.00	24.88 1.74 0.00	26.48 1.96 0.00	27.96 1.95 0.00	28.91 2.04 0.00	30.37 2.19 -0.12	31.66 2.19 -0.23	32.73 2.20 -0.38	37.94 2.53 -0.73	41.47 2.87 -0.33	38.86 2.37 0.00	35.81 2.09 0.00	31.72 1.82 0.00	30.03 1.78 0.00	26.14 1.71 0.00	23.69 1.51 0.00
BAYONEEC___CTG5 323686	20.97 1.35 0.00	18.89 1.19 0.00	17.84 1.09 0.00	17.66 1.03 0.00	17.76 1.01 0.00	18.62 1.07 0.00	21.76 1.36 -0.03	23.86 1.52 0.00	24.70 1.62 0.00	24.88 1.74 0.00	26.48 1.96 0.00	27.96 1.95 0.00	28.91 2.04 0.00	30.37 2.19 -0.12	31.66 2.19 -0.23	32.73 2.20 -0.38	37.94 2.53 -0.73	41.47 2.87 -0.33	38.86 2.37 0.00	35.81 2.09 0.00	31.72 1.82 0.00	30.03 1.78 0.00	26.14 1.71 0.00	23.69 1.51 0.00
BAYONEEC___CTG6 323687	20.97 1.35 0.00	18.89 1.19 0.00	17.84 1.09 0.00	17.66 1.03 0.00	17.76 1.01 0.00	18.62 1.07 0.00	21.76 1.36 -0.03	23.86 1.52 0.00	24.70 1.62 0.00	24.88 1.74 0.00	26.48 1.96 0.00	27.96 1.95 0.00	28.91 2.04 0.00	30.37 2.19 -0.12	31.66 2.19 -0.23	32.73 2.20 -0.38	37.94 2.53 -0.73	41.47 2.87 -0.33	38.86 2.37 0.00	35.81 2.09 0.00	31.72 1.82 0.00	30.03 1.78 0.00	26.14 1.71 0.00	23.69 1.51 0.00
BAYONEEC___CTG7 323688	20.97 1.35 0.00	18.89 1.19 0.00	17.84 1.09 0.00	17.66 1.03 0.00	17.76 1.01 0.00	18.62 1.07 0.00	21.76 1.36 -0.03	23.86 1.52 0.00	24.70 1.62 0.00	24.88 1.74 0.00	26.48 1.96 0.00	27.96 1.95 0.00	28.91 2.04 0.00	30.37 2.19 -0.12	31.66 2.19 -0.23	32.73 2.20 -0.38	37.94 2.53 -0.73	41.47 2.87 -0.33	38.86 2.37 0.00	35.81 2.09 0.00	31.72 1.82 0.00	30.03 1.78 0.00	26.14 1.71 0.00	23.69 1.51 0.00
BAYONEEC___CTG8 323689	20.97 1.35 0.00	18.89 1.19 0.00	17.84 1.09 0.00	17.66 1.03 0.00	17.76 1.01 0.00	18.62 1.07 0.00	21.76 1.36 -0.03	23.86 1.52 0.00	24.70 1.62 0.00	24.88 1.74 0.00	26.48 1.96 0.00	27.96 1.95 0.00	28.91 2.04 0.00	30.37 2.19 -0.12	31.66 2.19 -0.23	32.73 2.20 -0.38	37.94 2.53 -0.73	41.47 2.87 -0.33	38.86 2.37 0.00	35.81 2.09 0.00	31.72 1.82 0.00	30.03 1.78 0.00	26.14 1.71 0.00	23.69 1.51 0.00
BAYONEEC___CTG9 323749	20.97 1.35 0.00	18.89 1.19 0.00	17.84 1.09 0.00	17.66 1.03 0.00	17.76 1.01 0.00	18.62 1.07 0.00	21.76 1.36 -0.03	23.86 1.52 0.00	24.70 1.62 0.00	24.88 1.74 0.00	26.48 1.96 0.00	27.96 1.95 0.00	28.91 2.04 0.00	30.37 2.19 -0.12	31.66 2.19 -0.23	32.73 2.20 -0.38	37.94 2.53 -0.73	41.47 2.87 -0.33	38.86 2.37 0.00	35.81 2.09 0.00	31.72 1.82 0.00	30.03 1.78 0.00	26.14 1.71 0.00	23.69 1.51 0.00

BEACON___LESR 323632	20.38 0.76 0.00	18.43 0.73 0.00	17.44 0.69 0.00	17.30 0.67 0.00	17.41 0.65 0.00	18.21 0.67 0.00	21.26 0.86 -0.04	23.21 0.87 0.00	23.90 0.81 0.00	24.00 0.86 0.00	25.47 0.96 0.00	26.92 0.91 0.00	27.84 0.97 0.00	28.98 1.04 0.11	30.16 1.14 0.21	31.10 1.30 0.35	35.50 1.49 0.67	39.69 1.72 0.30	38.06 1.57 0.00	35.17 1.45 0.00	31.27 1.38 0.00	29.57 1.33 0.00	25.48 1.05 0.00	23.18 1.00 0.00
BEAVER RIVER___HYD 24048	19.87 0.25 0.00	17.90 0.20 0.00	16.94 0.18 0.00	16.82 0.18 0.00	16.92 0.17 0.00	17.79 0.25 0.00	20.51 0.14 0.00	22.43 0.09 0.00	23.19 0.00 -0.10	23.23 0.00 -0.09	24.81 0.07 -0.22	26.63 0.31 -0.31	27.31 0.08 -0.35	28.66 0.17 -0.44	29.63 -0.12 -0.51	30.62 -0.09 -0.56	35.66 0.14 -0.84	39.74 0.15 -1.31	38.15 0.47 -1.19	35.43 0.74 -0.97	31.15 0.60 -0.66	29.18 0.48 -0.45	25.10 0.46 -0.20	22.67 0.35 -0.13
BEEBEE_GT_13 23619	19.74 0.12 0.00	17.49 -0.21 0.00	16.54 -0.22 0.00	16.43 -0.20 0.00	16.62 -0.13 0.00	17.46 -0.09 0.00	20.35 -0.02 0.00	22.43 0.09 0.00	23.32 0.23 0.00	23.51 0.37 0.00	25.06 0.54 0.00	26.63 0.62 0.00	27.76 0.89 0.00	28.87 0.81 0.00	30.23 0.99 0.00	31.15 1.00 0.00	35.75 1.08 0.00	39.11 0.84 0.00	37.73 1.24 0.00	34.73 1.01 0.00	30.76 0.87 0.00	28.98 0.73 0.00	25.02 0.59 0.00	22.78 0.60 0.00
BENSHRST_27_KV_BENSHRST_1 355998	21.26 1.63 -0.01	19.10 1.40 0.00	18.03 1.27 0.00	17.85 1.21 0.00	17.91 1.16 0.00	18.72 1.18 0.00	21.97 1.57 -0.03	24.03 1.70 0.00	24.96 1.87 0.00	25.01 1.87 0.00	26.65 2.13 0.00	28.22 2.21 0.00	29.18 2.31 0.00	30.76 2.58 -0.12	31.98 2.51 -0.23	33.03 2.50 -0.38	38.45 3.05 -0.72	41.97 3.37 -0.33	39.41 2.92 0.00	36.28 2.56 0.00	31.96 2.06 0.00	30.42 2.17 0.00	26.51 2.08 0.00	23.98 1.80 0.00
BETHLEHEM___GRP 23843	20.11 0.49 0.00	18.18 0.48 0.00	17.24 0.49 0.00	17.08 0.45 0.00	17.19 0.44 0.00	17.97 0.42 0.00	21.04 0.63 -0.04	22.92 0.58 0.00	23.67 0.58 0.00	23.65 0.51 0.00	25.11 0.59 0.00	26.55 0.55 0.00	27.41 0.54 0.00	28.57 0.62 0.11	29.62 0.58 0.20	30.43 0.60 0.33	34.74 0.69 0.63	38.82 0.84 0.29	37.15 0.66 0.00	34.36 0.64 0.00	30.52 0.63 0.00	28.90 0.65 0.00	24.94 0.51 0.00	22.74 0.55 0.00
BETHLEHEM___GS1 323560	20.11 0.49 0.00	18.18 0.48 0.00	17.22 0.47 0.00	17.08 0.45 0.00	17.19 0.43 0.00	17.97 0.42 0.00	20.95 0.55 -0.04	22.87 0.54 0.00	23.57 0.49 0.00	23.67 0.53 0.00	25.10 0.59 0.00	26.53 0.52 0.00	27.44 0.57 0.00	28.54 0.59 0.11	29.62 0.58 0.20	30.46 0.63 0.33	34.74 0.69 0.63	38.82 0.84 0.29	37.18 0.69 0.00	34.36 0.64 0.00	30.55 0.66 0.00	28.90 0.65 0.00	24.95 0.51 0.00	22.74 0.55 0.00
BETHLEHEM___GS2 323561	20.11 0.49 0.00	18.18 0.48 0.00	17.22 0.47 0.00	17.08 0.45 0.00	17.19 0.43 0.00	17.97 0.42 0.00	20.95 0.55 -0.04	22.87 0.54 0.00	23.57 0.49 0.00	23.67 0.53 0.00	25.10 0.59 0.00	26.53 0.52 0.00	27.44 0.57 0.00	28.54 0.59 0.11	29.62 0.58 0.20	30.46 0.63 0.33	34.74 0.69 0.63	38.82 0.84 0.29	37.18 0.69 0.00	34.36 0.64 0.00	30.55 0.66 0.00	28.90 0.65 0.00	24.95 0.51 0.00	22.74 0.55 0.00
BETHLEHEM___GS3 323562	20.11 0.49 0.00	18.18 0.48 0.00	17.22 0.47 0.00	17.08 0.45 0.00	17.19 0.43 0.00	17.97 0.42 0.00	20.95 0.55 -0.04	22.87 0.54 0.00	23.57 0.49 0.00	23.67 0.53 0.00	25.10 0.59 0.00	26.53 0.52 0.00	27.44 0.57 0.00	28.54 0.59 0.11	29.62 0.58 0.20	30.46 0.63 0.33	34.74 0.69 0.63	38.82 0.84 0.29	37.18 0.69 0.00	34.36 0.64 0.00	30.55 0.66 0.00	28.90 0.65 0.00	24.95 0.51 0.00	22.74 0.55 0.00
BETHLEHEM___STEEL 23779	19.78 0.16 0.00	17.39 -0.32 0.00	16.40 -0.35 0.00	16.30 -0.33 0.00	16.55 -0.20 0.00	17.42 -0.12 0.00	20.31 -0.06 -0.01	22.45 0.11 0.00	23.11 0.02 0.00	23.42 0.28 0.00	25.11 0.59 0.00	26.79 0.78 0.00	28.05 1.18 0.00	29.07 1.01 0.00	30.46 1.23 0.00	31.36 1.21 0.00	35.89 1.21 0.00	38.96 0.69 0.00	37.73 1.24 0.00	34.49 0.78 0.00	30.58 0.69 0.00	28.81 0.56 0.00	24.97 0.54 0.00	22.78 0.60 0.00
BETHLHEM_115KV_TB1 79974	20.15 0.53 0.00	18.22 0.51 0.00	17.27 0.52 0.00	17.11 0.48 0.00	17.22 0.47 0.00	18.02 0.47 0.00	21.08 0.67 -0.04	22.96 0.63 0.00	23.71 0.62 0.00	23.72 0.58 0.00	25.18 0.66 0.00	26.63 0.62 0.00	27.49 0.62 0.00	28.63 0.67 0.10	29.72 0.67 0.19	30.54 0.69 0.31	34.84 0.76 0.60	38.91 0.92 0.27	37.26 0.77 0.00	34.46 0.74 0.00	30.61 0.72 0.00	28.98 0.73 0.00	25.02 0.59 0.00	22.78 0.60 0.00
BETHPAGE_CC_5 323564	21.39 1.77 0.00	19.26 1.56 0.00	18.10 1.34 0.00	17.86 1.23 0.00	17.95 1.19 0.00	18.92 1.37 0.00	22.07 1.67 -0.03	24.23 1.90 0.00	25.19 2.10 0.00	25.46 2.31 -0.01	27.00 2.48 -0.01	29.59 2.44 -1.14	31.12 2.58 -1.66	31.61 2.67 -0.89	32.25 2.78 -0.24	33.36 2.80 -0.40	38.74 3.33 -0.73	42.40 3.79 -0.34	39.78 3.29 -0.01	36.63 2.90 -0.01	32.44 2.54 -0.01	31.84 2.37 -1.22	27.99 2.30 -1.26	24.37 2.18 -0.01
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	19.82 0.20 0.00	17.40 -0.30 0.00	16.42 -0.34 0.00	16.32 -0.32 0.00	16.57 -0.18 0.00	17.44 -0.11 0.00	20.33 -0.04 -0.01	22.49 0.16 0.00	23.09 0.00 0.00	23.39 0.25 0.00	25.11 0.59 0.00	26.76 0.75 0.00	28.08 1.21 0.00	29.10 1.04 0.00	30.49 1.26 0.00	31.42 1.27 0.00	35.93 1.25 0.00	39.00 0.73 0.00	37.77 1.28 0.00	34.53 0.81 0.00	30.58 0.69 0.00	28.81 0.56 0.00	24.94 0.51 0.00	22.76 0.58 0.00
BINGHAMTON___COGEN 23790	19.99 0.37 0.00	17.88 0.18 0.00	16.91 0.15 0.00	16.78 0.15 0.00	16.94 0.18 0.00	17.76 0.21 0.00	20.72 0.35 -0.01	22.72 0.38 0.00	23.54 0.35 -0.10	23.70 0.44 -0.12	25.43 0.61 -0.30	27.17 0.73 -0.43	28.17 0.81 -0.49	29.45 0.79 -0.61	30.82 0.88 -0.71	31.76 0.87 -0.73	36.63 0.90 -1.05	40.49 0.92 -1.30	38.65 0.99 -1.18	35.49 0.81 -0.97	31.24 0.69 -0.66	29.32 0.62 -0.45	25.14 0.51 -0.20	22.83 0.51 -0.13
BIXINCNT_115KV_LOAD 355685	19.72 0.10 0.00	17.37 -0.34 0.00	16.39 -0.37 0.00	16.30 -0.33 0.00	16.57 -0.18 0.00	17.48 -0.07 0.00	20.43 0.06 -0.01	22.56 0.22 0.00	23.04 -0.05 0.00	23.35 0.21 0.00	25.06 0.54 0.00	26.76 0.75 0.00	28.03 1.16 0.00	29.01 0.95 0.00	30.43 1.20 0.00	31.33 1.18 0.00	35.79 1.11 0.00	38.81 0.54 0.00	37.55 1.06 0.00	34.29 0.57 0.00	30.38 0.48 0.00	28.58 0.34 0.00	24.75 0.32 0.00	22.54 0.35 0.00
BLACK RIVER___HYD 24047	20.03 0.41 0.00	17.99 0.28 0.00	17.02 0.27 0.00	16.90 0.27 0.00	16.99 0.23 0.00	17.88 0.33 0.00	20.65 0.28 0.00	22.58 0.25 0.00	23.38 0.14 -0.16	23.44 0.16 -0.14	25.15 0.30 -0.34	27.14 0.65 -0.49	27.77 0.35 -0.55	29.18 0.45 -0.68	30.12 0.09 -0.80	31.18 0.15 -0.88	36.44 0.45 -1.31	40.82 0.50 -2.05	39.26 0.91 -1.85	36.49 1.25 -1.52	31.94 1.02 -1.03	29.83 0.88 -0.71	25.48 0.73 -0.31	22.95 0.55 -0.21

BLACKRVR_115KV_TB2 79977	20.03 0.41 0.00	17.99 0.28 0.00	17.02 0.27 0.00	16.90 0.27 0.00	16.99 0.23 0.00	17.88 0.33 0.00	20.61 0.24 0.00	22.56 0.22 0.00	23.36 0.12 -0.16	23.44 0.16 -0.14	25.15 0.29 -0.34	27.14 0.65 -0.49	27.77 0.35 -0.55	29.19 0.45 -0.68	30.12 0.09 -0.80	31.18 0.15 -0.88	36.47 0.49 -1.31	40.82 0.50 -2.05	39.26 0.91 -1.85	36.45 1.21 -1.52	31.97 1.05 -1.03	29.83 0.88 -0.71	25.48 0.73 -0.31	22.95 0.55 -0.21
BLISS_WT_PWR 323608	19.70 0.08 0.00	17.33 -0.37 0.00	16.39 -0.37 0.00	16.30 -0.33 0.00	16.57 -0.18 0.00	17.48 -0.07 0.00	20.82 0.45 -0.01	22.49 0.16 0.00	23.34 0.25 0.00	23.37 0.23 0.00	25.08 0.56 0.00	26.92 0.91 0.00	28.03 1.15 0.00	29.15 1.09 0.00	30.43 1.20 0.00	31.30 1.15 0.00	35.72 1.04 0.00	38.81 0.54 0.00	37.44 0.95 0.00	34.39 0.67 0.00	30.28 0.39 0.00	28.56 0.31 0.00	24.73 0.29 0.00	22.52 0.33 0.00
BLUE_CIRC_CHEM_DRP 24182	20.40 0.78 0.00	18.43 0.73 0.00	17.46 0.70 0.00	17.33 0.70 0.00	17.44 0.69 0.00	18.23 0.68 0.00	21.30 0.90 -0.04	23.23 0.89 0.00	23.99 0.90 0.00	23.97 0.83 0.00	25.42 0.91 0.00	26.89 0.88 0.00	27.79 0.91 0.00	28.96 0.98 0.07	30.06 0.96 0.14	30.95 1.03 0.22	35.39 1.14 0.44	39.41 1.34 0.20	37.69 1.20 0.00	34.87 1.15 0.00	31.00 1.11 0.00	29.38 1.13 0.00	25.34 0.90 0.00	23.09 0.91 0.00
BOC_GAS_DRP 24189	20.27 0.65 0.00	18.31 0.60 0.00	17.34 0.59 0.00	17.20 0.57 0.00	17.31 0.55 0.00	18.09 0.54 0.00	21.16 0.75 -0.04	23.07 0.74 0.00	23.85 0.76 0.00	23.86 0.72 0.00	25.33 0.81 0.00	26.79 0.78 0.00	27.68 0.81 0.00	28.85 0.87 0.07	29.95 0.85 0.14	30.81 0.87 0.22	35.22 0.97 0.43	39.18 1.11 0.20	37.44 0.95 0.00	34.63 0.91 0.00	30.76 0.87 0.00	29.12 0.88 0.00	25.16 0.73 0.00	22.92 0.73 0.00
BOONVILLE_115KV_TB1 79983	20.03 0.41 0.00	18.00 0.30 0.00	17.04 0.28 0.00	16.91 0.28 0.00	17.02 0.27 0.00	17.88 0.33 0.00	20.71 0.35 0.00	22.72 0.38 0.00	23.47 0.35 -0.04	23.49 0.35 0.00	24.98 0.47 0.00	26.66 0.65 0.00	27.38 0.51 0.00	28.65 0.59 0.00	29.76 0.53 0.00	30.70 0.54 0.00	35.51 0.83 0.00	39.80 1.00 -0.54	38.07 1.09 -0.48	35.23 1.11 -0.40	31.09 0.93 -0.27	29.22 0.79 -0.18	25.20 0.68 -0.08	22.77 0.53 -0.05
BORALEX_4TH_BRANCH 23824	20.72 1.10 0.00	18.69 0.99 0.00	17.69 0.94 0.00	17.53 0.90 0.00	17.64 0.89 0.00	18.48 0.93 0.00	21.59 1.18 -0.04	23.45 1.12 0.00	24.22 1.13 0.00	24.32 1.18 0.00	25.79 1.27 0.00	27.18 1.17 0.00	28.05 1.18 0.00	28.96 1.18 0.28	29.92 1.20 0.52	30.55 1.24 0.84	34.45 1.39 1.62	39.14 1.61 0.74	38.02 1.53 0.00	35.17 1.45 0.00	31.39 1.49 0.00	29.66 1.41 0.00	25.58 1.15 0.00	23.36 1.18 0.00
BOWLINE___1 23526	20.76 1.14 0.00	18.69 0.99 0.00	17.66 0.90 0.00	17.50 0.86 0.00	17.59 0.84 0.00	18.42 0.88 0.00	21.54 1.14 -0.03	23.59 1.25 0.00	24.40 1.32 0.00	24.57 1.44 0.00	26.16 1.64 0.00	27.65 1.64 0.00	28.62 1.75 0.00	30.00 1.82 -0.12	31.32 1.87 -0.22	32.41 1.90 -0.35	37.51 2.15 -0.68	41.07 2.49 -0.31	38.57 2.08 0.00	35.54 1.82 0.00	31.51 1.61 0.00	29.80 1.55 0.00	25.87 1.44 0.00	23.52 1.33 0.00
BOWLINE___2 23595	20.76 1.14 0.00	18.69 0.99 0.00	17.66 0.90 0.00	17.50 0.86 0.00	17.59 0.84 0.00	18.42 0.88 0.00	21.54 1.14 -0.03	23.59 1.25 0.00	24.40 1.32 0.00	24.57 1.44 0.00	26.16 1.64 0.00	27.65 1.64 0.00	28.62 1.75 0.00	30.00 1.82 -0.12	31.32 1.87 -0.22	32.41 1.90 -0.35	37.51 2.15 -0.68	41.07 2.49 -0.31	38.57 2.08 0.00	35.54 1.82 0.00	31.51 1.61 0.00	29.80 1.55 0.00	25.87 1.44 0.00	23.54 1.35 0.00
BRADY___115KV_TB2 356060	19.42 -0.20 0.00	17.65 -0.05 0.00	16.69 -0.07 0.00	16.60 -0.03 0.00	16.72 -0.03 0.00	17.53 -0.02 0.00	20.08 -0.29 0.00	22.18 -0.16 0.00	22.93 -0.16 0.00	22.91 -0.23 0.00	24.17 -0.34 0.00	25.70 -0.31 0.00	26.50 -0.38 0.00	27.72 -0.34 0.00	28.83 -0.41 0.00	29.73 -0.42 0.00	34.26 -0.42 0.00	37.77 -0.50 0.00	36.12 -0.36 0.00	33.48 -0.24 0.00	29.69 -0.21 0.00	27.99 -0.25 0.00	24.31 -0.12 0.00	22.05 -0.13 0.00
BRANSCOMB___SOLAR 323811	20.80 1.18 0.00	18.73 1.03 0.00	17.73 0.97 0.00	17.58 0.95 0.00	17.71 0.95 0.00	18.53 0.98 0.00	21.65 1.24 -0.04	23.56 1.23 0.00	24.31 1.22 0.00	24.37 1.23 0.00	25.79 1.27 0.00	27.26 1.25 0.00	28.16 1.29 0.00	29.17 1.26 0.15	30.24 1.28 0.28	31.09 1.39 0.45	35.44 1.63 0.87	39.78 1.91 0.40	38.46 1.97 0.00	35.74 2.02 0.00	31.87 1.97 0.00	30.11 1.86 0.00	25.92 1.49 0.00	23.56 1.38 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	21.48 1.86 0.00	19.35 1.65 0.00	18.25 1.49 0.00	17.98 1.35 0.00	18.00 1.24 0.00	19.00 1.46 0.00	22.25 1.85 -0.03	24.37 2.03 0.00	25.40 2.31 0.00	25.55 2.41 0.00	27.14 2.62 0.00	29.80 2.65 -1.14	31.30 2.77 -1.66	31.89 2.95 -0.89	32.45 2.98 -0.23	33.54 2.99 -0.40	38.94 3.54 -0.72	42.62 4.02 -0.33	40.03 3.54 0.00	36.92 3.20 0.00	32.65 2.75 0.00	32.12 2.66 -1.22	28.23 2.54 -1.26	24.51 2.33 0.00
BRISTLHL_115KV_TB1 79998	19.40 -0.22 0.00	17.42 -0.28 0.00	16.47 -0.28 0.00	16.37 -0.27 0.00	16.49 -0.27 0.00	17.28 -0.26 0.00	20.08 -0.29 0.00	21.96 -0.38 0.00	23.12 -0.44 -0.47	23.28 -0.39 -0.53	25.45 -0.37 -1.30	27.56 -0.31 -1.86	28.64 -0.35 -2.12	30.27 -0.39 -2.61	31.94 -0.35 -3.05	33.16 -0.36 -3.37	39.27 -0.38 -4.97	44.01 -0.46 -6.20	41.77 -0.33 -5.61	37.98 -0.34 -4.59	32.71 -0.30 -3.12	30.07 -0.31 -2.14	25.06 -0.32 -0.95	22.52 -0.29 -0.62
BROOKHAVEN___DRP 24191	21.25 1.63 0.00	19.19 1.49 0.00	18.08 1.32 0.00	17.81 1.18 0.00	17.78 1.02 0.00	18.79 1.25 0.00	21.97 1.57 -0.03	24.03 1.70 0.00	25.05 1.96 0.00	25.20 2.06 0.00	26.80 2.28 0.00	29.41 2.26 -1.14	30.93 2.39 -1.66	31.52 2.58 -0.89	32.04 2.57 -0.23	33.15 2.59 -0.40	38.52 3.12 -0.72	42.20 3.60 -0.33	39.63 3.14 0.00	36.65 2.93 0.00	32.29 2.39 0.00	31.87 2.40 -1.22	27.96 2.27 -1.26	24.25 2.06 0.00
BROOKLYN_NAVY_YARD 23515	20.97 1.35 0.00	18.89 1.19 0.00	17.83 1.07 0.00	17.65 1.01 0.00	17.74 0.99 0.00	18.62 1.07 0.00	21.76 1.36 -0.03	23.86 1.52 0.00	24.73 1.64 0.00	24.90 1.76 0.00	26.48 1.96 0.00	27.96 1.95 0.00	28.91 2.04 0.00	30.40 2.22 -0.12	31.66 2.19 -0.23	32.70 2.17 -0.38	37.94 2.53 -0.73	41.47 2.87 -0.33	38.86 2.37 0.00	35.81 2.09 0.00	31.69 1.79 0.00	30.03 1.78 0.00	26.17 1.73 0.00	23.69 1.51 0.00
BROOKLYN___ARMY_DRP 323595	21.18 1.55 -0.01	19.03 1.33 0.00	17.98 1.22 0.00	17.78 1.15 0.00	17.86 1.11 0.00	18.65 1.11 0.00	21.90 1.51 -0.03	23.94 1.61 0.00	24.87 1.78 0.00	24.90 1.76 0.00	26.55 2.03 0.00	28.09 2.08 0.00	29.05 2.18 0.00	30.62 2.44 -0.12	31.81 2.34 -0.23	32.88 2.35 -0.38	38.24 2.84 -0.72	41.78 3.18 -0.33	39.19 2.70 0.00	36.11 2.39 0.00	31.81 1.91 0.00	30.28 2.03 0.00	26.39 1.95 0.00	23.87 1.69 0.00



BROOKVLE_69_KV_TB1 55790	21.31 1.69 0.00	19.17 1.47 0.00	18.08 1.32 0.00	17.86 1.23 0.00	17.93 1.17 0.00	18.86 1.32 0.00	22.13 1.73 -0.03	24.23 1.90 0.00	25.21 2.12 0.00	25.31 2.18 0.00	26.94 2.43 0.00	29.56 2.42 -1.14	31.06 2.53 -1.66	31.64 2.69 -0.89	32.27 2.81 -0.23	33.39 2.83 -0.40	38.56 3.16 -0.72	42.12 3.52 -0.33	39.52 3.03 0.00	36.59 2.87 0.00	32.38 2.48 0.00	31.81 2.34 -1.22	27.87 2.17 -1.26	24.20 2.02 0.00
BROOME_2_LFGE 323671	19.99 0.37 0.00	17.88 0.18 0.00	16.91 0.15 0.00	16.78 0.15 0.00	16.94 0.18 0.00	17.76 0.21 0.00	20.78 0.41 -0.01	22.69 0.36 0.00	23.56 0.37 -0.10	23.70 0.44 -0.12	25.43 0.61 -0.30	27.20 0.75 -0.43	28.17 0.81 -0.49	29.48 0.81 -0.61	30.82 0.88 -0.71	31.73 0.84 -0.73	36.59 0.87 -1.05	40.49 0.92 -1.30	38.62 0.95 -1.18	35.53 0.84 -0.97	31.24 0.69 -0.66	29.32 0.62 -0.45	25.15 0.51 -0.20	22.83 0.51 -0.13
BROOME__LFGE 323600	19.99 0.37 0.00	17.88 0.18 0.00	16.91 0.15 0.00	16.78 0.15 0.00	16.94 0.18 0.00	17.76 0.21 0.00	20.78 0.41 -0.01	22.69 0.36 0.00	23.56 0.37 -0.10	23.70 0.44 -0.12	25.43 0.61 -0.30	27.20 0.75 -0.43	28.17 0.81 -0.49	29.48 0.81 -0.61	30.82 0.88 -0.71	31.73 0.84 -0.73	36.59 0.87 -1.05	40.49 0.92 -1.30	38.62 0.95 -1.18	35.53 0.84 -0.97	31.24 0.69 -0.66	29.32 0.62 -0.45	25.15 0.51 -0.20	22.83 0.51 -0.13
BROWNFLS_115KV_TB_3_5 80003	19.58 -0.04 0.00	17.70 0.00 0.00	16.74 -0.02 0.00	16.63 0.00 0.00	16.76 0.00 0.00	17.60 0.05 0.00	20.18 -0.18 0.00	22.11 -0.22 0.00	22.88 -0.28 -0.07	22.90 -0.30 -0.06	24.35 -0.32 -0.15	26.04 -0.18 -0.21	26.76 -0.35 -0.24	28.05 -0.31 -0.30	29.09 -0.50 -0.35	30.05 -0.48 -0.38	34.84 -0.42 -0.58	38.67 -0.50 -0.90	37.05 -0.26 -0.81	34.35 -0.03 -0.67	30.29 -0.06 -0.45	28.44 -0.11 -0.31	24.62 0.05 -0.14	22.30 0.02 -0.09
BROWNSV1_27_KV_LOAD 356125	21.15 1.53 0.00	19.03 1.33 0.00	17.98 1.22 0.00	17.80 1.16 0.00	17.88 1.12 0.00	18.76 1.21 0.00	22.05 1.65 -0.03	24.12 1.79 0.00	25.03 1.94 0.00	25.06 1.92 0.00	26.70 2.18 0.00	28.22 2.21 0.00	29.18 2.31 0.00	30.68 2.50 -0.12	31.95 2.48 -0.23	33.00 2.47 -0.38	38.28 2.88 -0.72	41.81 3.21 -0.33	39.23 2.74 0.00	36.18 2.46 0.00	31.99 2.09 0.00	30.31 2.06 0.00	26.39 1.95 0.00	23.89 1.71 0.00
BURROWS__LYONSDAL 23803	19.99 0.37 0.00	17.99 0.28 0.00	17.02 0.27 0.00	16.90 0.27 0.00	16.99 0.23 0.00	17.86 0.32 0.00	20.65 0.29 0.00	22.63 0.29 0.00	23.39 0.25 -0.05	23.44 0.25 -0.05	25.01 0.37 -0.12	26.73 0.55 -0.17	27.47 0.40 -0.20	28.75 0.45 -0.24	29.87 0.35 -0.28	30.86 0.39 -0.31	35.83 0.66 -0.49	39.80 0.80 -0.72	38.09 0.95 -0.65	35.27 1.01 -0.53	31.10 0.84 -0.36	29.23 0.73 -0.25	25.15 0.61 -0.11	22.75 0.49 -0.07
CAITHNESS_CC_1 323624	21.25 1.63 0.00	19.19 1.49 0.00	17.98 1.22 0.00	17.75 1.11 0.00	17.79 1.04 0.00	18.81 1.26 0.00	21.86 1.47 -0.03	23.97 1.63 0.00	24.94 1.85 0.00	25.21 2.06 -0.01	26.81 2.28 -0.01	29.38 2.24 -1.14	30.93 2.39 -1.66	31.47 2.53 -0.89	32.05 2.57 -0.24	33.15 2.59 -0.40	38.54 3.12 -0.73	42.25 3.64 -0.34	39.67 3.17 -0.01	36.63 2.90 -0.01	32.30 2.39 -0.01	31.84 2.37 -1.22	27.96 2.27 -1.26	24.26 2.06 -0.01
CALPINE BETH_PAGE_GT4 24209	21.39 1.77 0.00	19.24 1.54 0.00	18.15 1.39 0.00	17.91 1.28 0.00	17.95 1.19 0.00	18.92 1.37 0.00	22.17 1.77 -0.03	24.30 1.97 0.00	25.33 2.24 0.00	25.45 2.31 0.00	26.97 2.45 0.00	29.59 2.44 -1.14	31.09 2.55 -1.66	31.55 2.61 -0.89	32.16 2.69 -0.23	33.27 2.71 -0.40	38.59 3.19 -0.72	42.16 3.56 -0.33	39.59 3.10 0.00	36.52 2.80 0.00	32.32 2.42 0.00	31.75 2.29 -1.22	27.94 2.25 -1.26	24.34 2.15 0.00
CALPINE_BETH_PAGE_GT_4 323586	21.39 1.77 0.00	19.24 1.54 0.00	18.10 1.34 0.00	17.86 1.23 0.00	17.95 1.19 0.00	18.92 1.37 0.00	22.07 1.67 -0.03	24.23 1.90 0.00	25.19 2.10 0.00	25.46 2.31 -0.01	26.98 2.45 -0.01	29.56 2.42 -1.14	31.09 2.55 -1.66	31.52 2.58 -0.89	32.16 2.69 -0.24	33.27 2.71 -0.40	38.60 3.19 -0.73	42.25 3.64 -0.34	39.67 3.17 -0.01	36.52 2.80 -0.01	32.36 2.45 -0.01	31.75 2.29 -1.22	27.94 2.25 -1.26	24.34 2.15 -0.01
CALPINE_BP_GT1 23823	21.39 1.77 0.00	19.24 1.54 0.00	18.10 1.34 0.00	17.86 1.23 0.00	17.95 1.19 0.00	18.92 1.37 0.00	22.07 1.67 -0.03	24.23 1.90 0.00	25.19 2.10 0.00	25.46 2.31 -0.01	26.98 2.45 -0.01	29.56 2.42 -1.14	31.09 2.55 -1.66	31.52 2.58 -0.89	32.16 2.69 -0.24	33.27 2.71 -0.40	38.60 3.19 -0.73	42.25 3.64 -0.34	39.67 3.17 -0.01	36.52 2.80 -0.01	32.36 2.45 -0.01	31.75 2.29 -1.22	27.94 2.25 -1.26	24.34 2.15 -0.01
CALSPAN__DRP 24200	19.78 0.16 0.00	17.39 -0.32 0.00	16.40 -0.35 0.00	16.30 -0.33 0.00	16.55 -0.20 0.00	17.42 -0.12 0.00	20.31 -0.06 -0.01	22.45 0.11 0.00	23.11 0.02 0.00	23.42 0.28 0.00	25.11 0.59 0.00	26.79 0.78 0.00	28.05 1.18 0.00	29.07 1.01 0.00	30.46 1.23 0.00	31.36 1.21 0.00	35.89 1.21 0.00	38.96 0.69 0.00	37.73 1.24 0.00	34.49 0.78 0.00	30.58 0.69 0.00	28.81 0.56 0.00	24.97 0.54 0.00	22.78 0.60 0.00
CALVERTON__SOLAR 323806	21.27 1.65 0.00	19.23 1.52 0.00	18.00 1.24 0.00	17.76 1.13 0.00	17.79 1.04 0.00	18.83 1.28 0.00	21.88 1.49 -0.03	23.99 1.65 0.00	24.96 1.87 0.00	25.25 2.11 -0.01	26.86 2.33 -0.01	29.43 2.29 -1.14	30.98 2.45 -1.66	31.55 2.61 -0.89	32.11 2.63 -0.24	33.23 2.68 -0.40	38.64 3.23 -0.73	42.40 3.79 -0.34	39.82 3.32 -0.01	36.76 3.04 -0.01	32.42 2.51 -0.01	31.95 2.49 -1.22	28.01 2.32 -1.26	24.30 2.11 -0.01
CANDIGU_WT_PWR 323617	19.91 0.29 0.00	17.65 -0.05 0.00	16.69 -0.07 0.00	16.58 -0.05 0.00	16.79 0.03 0.00	17.65 0.11 0.00	20.84 0.47 -0.01	22.69 0.36 0.00	23.51 0.37 -0.06	23.69 0.49 -0.07	25.44 0.76 -0.17	27.26 1.01 -0.24	28.32 1.18 -0.27	29.54 1.15 -0.33	30.85 1.23 -0.39	31.73 1.17 -0.41	36.43 1.18 -0.57	40.05 1.07 -0.71	38.44 1.31 -0.64	35.35 1.11 -0.52	31.09 0.84 -0.36	29.28 0.79 -0.24	25.22 0.68 -0.11	22.97 0.71 -0.07
CARR STREET_E_SYR 24060	19.60 -0.02 0.00	17.56 -0.14 0.00	16.62 -0.13 0.00	16.50 -0.13 0.00	16.64 -0.12 0.00	17.44 -0.10 0.00	20.35 -0.02 0.00	22.22 -0.11 0.00	23.11 -0.11 -0.13	23.18 -0.12 -0.15	24.84 -0.05 -0.38	26.55 0.00 -0.54	27.43 -0.05 -0.61	28.70 -0.11 -0.75	30.03 -0.09 -0.88	31.03 -0.09 -0.96	36.00 -0.10 -1.42	39.88 -0.15 -1.76	38.01 -0.07 -1.59	34.96 -0.07 -1.31	30.66 -0.12 -0.89	28.77 -0.08 -0.61	24.63 -0.07 -0.27	22.30 -0.07 -0.18
CARTHAGE__PAPER 23857	19.93 0.31 0.00	17.93 0.23 0.00	16.97 0.22 0.00	16.85 0.22 0.00	16.94 0.18 0.00	17.83 0.28 0.00	20.55 0.18 0.00	22.49 0.16 0.00	23.27 0.05 -0.13	23.31 0.05 -0.12	24.96 0.15 -0.29	26.87 0.44 -0.42	27.51 0.16 -0.48	28.89 0.25 -0.59	29.80 -0.12 -0.69	30.85 -0.06 -0.75	35.98 0.17 -1.13	40.27 0.23 -1.76	38.67 0.58 -1.60	35.94 0.91 -1.31	31.53 0.75 -0.89	29.47 0.62 -0.61	25.26 0.56 -0.27	22.76 0.40 -0.18

CASSADAGA_WT_PWR 323784	19.84 0.22 0.00	17.47 -0.23 0.00	16.50 -0.25 0.00	16.45 -0.18 0.00	16.72 -0.03 0.00	17.65 0.11 0.00	21.13 0.75 -0.01	23.03 0.69 0.00	23.97 0.88 0.00	24.27 1.13 0.00	26.13 1.62 0.00	28.09 2.08 0.00	29.34 2.47 0.00	30.47 2.41 0.00	31.69 2.46 0.00	32.60 2.44 0.00	37.04 2.36 0.00	40.11 1.84 0.00	38.83 2.34 0.00	35.67 1.95 0.00	31.36 1.46 0.00	29.60 1.36 0.00	25.58 1.15 0.00	23.27 1.09 0.00
CE_DUNWOOD___DRP 24194	20.89 1.28 0.00	18.82 1.12 0.00	17.78 1.02 0.00	17.61 0.98 0.00	17.69 0.94 0.00	18.55 1.00 0.00	21.78 1.38 -0.03	23.81 1.47 0.00	24.68 1.59 0.00	24.74 1.60 0.00	26.33 1.81 0.00	27.83 1.82 0.00	28.78 1.91 0.00	30.23 2.05 -0.12	31.51 2.05 -0.23	32.58 2.05 -0.38	37.76 2.36 -0.72	41.24 2.64 -0.33	38.71 2.23 0.00	35.78 2.06 0.00	31.69 1.79 0.00	29.97 1.72 0.00	26.04 1.61 0.00	23.65 1.46 0.00
CE_MILLWOOD___DRP 24193	20.84 1.22 0.00	18.77 1.06 0.00	17.74 0.99 0.00	17.58 0.95 0.00	17.66 0.90 0.00	18.51 0.97 0.00	21.74 1.34 -0.03	23.74 1.41 0.00	24.61 1.52 0.00	24.67 1.53 0.00	26.26 1.74 0.00	27.75 1.74 0.00	28.70 1.83 0.00	30.14 1.96 -0.12	31.42 1.96 -0.23	32.52 1.99 -0.37	37.65 2.25 -0.72	41.16 2.56 -0.33	38.64 2.15 0.00	35.67 1.96 0.00	31.60 1.70 0.00	29.91 1.67 0.00	25.97 1.54 0.00	23.61 1.42 0.00
CE_NYC2_DRP 24202	21.10 1.47 -0.01	19.00 1.29 0.00	17.95 1.19 0.00	17.76 1.13 0.00	17.83 1.07 0.00	18.65 1.11 0.00	21.88 1.49 -0.03	23.94 1.61 0.00	24.87 1.78 0.00	24.90 1.76 0.00	26.53 2.01 0.00	28.06 2.05 0.00	29.02 2.15 0.00	30.54 2.36 -0.12	31.75 2.28 -0.23	32.82 2.29 -0.38	38.07 2.67 -0.72	41.58 2.99 -0.33	38.97 2.48 0.00	35.94 2.23 0.00	31.75 1.85 0.00	30.17 1.92 0.00	26.29 1.86 0.00	23.78 1.60 0.00
CE_NYC_DRP 24195	20.99 1.37 0.00	18.91 1.20 0.00	17.86 1.11 0.00	17.70 1.06 0.00	17.78 1.02 0.00	18.63 1.09 0.00	21.88 1.49 -0.03	23.94 1.61 0.00	24.84 1.75 0.00	24.88 1.74 0.00	26.50 1.99 0.00	28.01 2.00 0.00	28.97 2.10 0.00	30.45 2.27 -0.12	31.69 2.22 -0.23	32.76 2.23 -0.38	37.97 2.57 -0.72	41.43 2.83 -0.33	38.86 2.37 0.00	35.88 2.16 0.00	31.75 1.85 0.00	30.05 1.81 0.00	26.17 1.73 0.00	23.74 1.55 0.00
CHAFFEE___LFGE 323603	19.82 0.20 0.00	17.42 -0.28 0.00	16.45 -0.30 0.00	16.37 -0.27 0.00	16.59 -0.17 0.00	17.48 -0.07 0.00	20.82 0.45 -0.01	22.47 0.13 0.00	23.30 0.21 0.00	23.44 0.30 0.00	25.15 0.64 0.00	27.00 0.99 0.00	28.16 1.29 0.00	29.29 1.23 0.00	30.58 1.35 0.00	31.48 1.33 0.00	36.00 1.32 0.00	39.11 0.84 0.00	37.80 1.31 0.00	34.77 1.05 0.00	30.58 0.69 0.00	28.87 0.62 0.00	24.99 0.56 0.00	22.78 0.60 0.00
CHATEAUG_35_KV_LOAD 355732	19.66 0.04 0.00	17.90 0.19 0.00	16.92 0.17 0.00	16.83 0.20 0.00	17.01 0.25 0.00	17.81 0.26 0.00	20.45 0.08 0.00	22.65 0.31 0.00	23.50 0.42 0.00	23.46 0.32 0.00	24.69 0.17 0.00	26.19 0.18 0.00	27.14 0.27 0.00	28.34 0.28 0.00	29.53 0.29 0.00	30.46 0.30 0.00	35.13 0.45 0.00	38.73 0.46 0.00	37.07 0.58 0.00	34.26 0.54 0.00	30.41 0.51 0.00	28.58 0.34 0.00	24.68 0.24 0.00	22.36 0.18 0.00
CHATEAUG_WT_PWR 323614	19.68 0.06 0.00	17.92 0.21 0.00	16.94 0.18 0.00	16.86 0.23 0.00	17.02 0.27 0.00	17.83 0.28 0.00	20.47 0.10 0.00	22.67 0.34 0.00	23.50 0.42 0.00	23.49 0.35 0.00	24.74 0.22 0.00	26.24 0.23 0.00	27.20 0.32 0.00	28.39 0.34 0.00	29.59 0.35 0.00	30.52 0.36 0.00	35.20 0.52 0.00	38.81 0.54 0.00	37.11 0.62 0.00	34.29 0.57 0.00	30.40 0.51 0.00	28.59 0.34 0.00	24.73 0.29 0.00	22.38 0.20 0.00
CHAT_HIGH_FALL_HYD 323578	19.66 0.04 0.00	17.90 0.20 0.00	16.92 0.17 0.00	16.83 0.20 0.00	17.01 0.25 0.00	17.83 0.28 0.00	20.45 0.08 0.00	22.65 0.31 0.00	23.50 0.42 0.00	23.46 0.32 0.00	24.69 0.17 0.00	26.19 0.18 0.00	27.14 0.27 0.00	28.34 0.28 0.00	29.53 0.29 0.00	30.46 0.30 0.00	35.13 0.45 0.00	38.73 0.46 0.00	37.07 0.58 0.00	34.26 0.54 0.00	30.40 0.51 0.00	28.59 0.34 0.00	24.68 0.24 0.00	22.36 0.18 0.00
CHAUTAUQUA___LFGE 323629	19.91 0.29 0.00	17.53 -0.18 0.00	16.57 -0.18 0.00	16.48 -0.15 0.00	16.72 -0.03 0.00	17.63 0.09 0.00	21.02 0.65 -0.01	22.83 0.49 0.00	23.69 0.60 0.00	23.97 0.83 0.00	25.77 1.25 0.00	27.70 1.69 0.00	28.89 2.02 0.00	30.02 1.96 0.00	31.28 2.05 0.00	32.17 2.02 0.00	36.62 1.94 0.00	39.80 1.53 0.00	38.46 1.97 0.00	35.37 1.65 0.00	31.12 1.23 0.00	29.38 1.13 0.00	25.41 0.98 0.00	23.16 0.98 0.00
CHERRYST_13_KV_LD 356241	21.05 1.43 0.00	18.96 1.26 0.00	17.91 1.16 0.00	17.73 1.10 0.00	17.83 1.07 0.00	18.69 1.14 0.00	21.97 1.57 -0.03	24.03 1.70 0.00	24.94 1.85 0.00	24.97 1.83 0.00	26.60 2.08 0.00	28.11 2.11 0.00	29.08 2.20 0.00	30.57 2.38 -0.12	31.81 2.34 -0.23	32.88 2.35 -0.38	38.11 2.70 -0.72	41.59 2.99 -0.33	39.01 2.52 0.00	35.98 2.26 0.00	31.81 1.91 0.00	30.14 1.89 0.00	26.24 1.81 0.00	23.78 1.60 0.00
CHESTROR_138KV_BK263 355645	20.64 1.02 0.00	18.59 0.89 0.00	17.58 0.82 0.00	17.43 0.80 0.00	17.53 0.77 0.00	18.35 0.81 0.00	21.54 1.14 -0.03	23.50 1.16 0.00	24.34 1.25 0.00	24.37 1.23 0.00	25.91 1.40 0.00	27.41 1.40 0.00	28.35 1.48 0.00	29.76 1.60 -0.11	31.01 1.58 -0.20	32.07 1.60 -0.32	37.13 1.84 -0.61	40.65 2.10 -0.28	38.28 1.79 0.00	35.34 1.62 0.00	31.33 1.44 0.00	29.63 1.38 0.00	25.73 1.29 0.00	23.41 1.22 0.00
CH_MIDHUDSON___DRP 24192	20.82 1.20 0.00	18.75 1.04 0.00	17.73 0.97 0.00	17.56 0.93 0.00	17.66 0.90 0.00	18.49 0.95 0.00	21.72 1.32 -0.03	23.68 1.34 0.00	24.52 1.43 0.00	24.55 1.41 0.00	26.11 1.59 0.00	27.59 1.59 0.00	28.51 1.64 0.00	29.91 1.77 -0.09	31.15 1.75 -0.16	32.19 1.78 -0.26	37.22 2.05 -0.49	40.83 2.33 -0.22	38.46 1.97 0.00	35.54 1.82 0.00	31.54 1.64 0.00	29.86 1.61 0.00	25.87 1.44 0.00	23.56 1.38 0.00
CH_MISC_IPPS 23765	20.91 1.29 0.00	18.82 1.12 0.00	17.81 1.06 0.00	17.65 1.01 0.00	17.74 0.99 0.00	18.58 1.03 0.00	21.74 1.34 -0.03	23.74 1.41 0.00	24.54 1.46 0.00	24.69 1.55 0.00	26.23 1.72 0.00	27.75 1.74 0.00	28.70 1.83 0.00	30.09 1.93 -0.10	31.40 1.99 -0.18	32.43 1.99 -0.29	37.59 2.36 -0.56	41.32 2.79 -0.25	38.83 2.34 0.00	35.81 2.09 0.00	31.78 1.88 0.00	30.08 1.83 0.00	26.07 1.64 0.00	23.71 1.53 0.00
CH_RES_BVR_FALLS 23983	19.27 -0.35 0.00	17.46 -0.25 0.00	16.52 -0.23 0.00	16.40 -0.23 0.00	16.54 -0.22 0.00	17.32 -0.23 0.00	20.00 -0.37 0.00	22.04 -0.29 0.00	22.84 -0.25 0.00	22.86 -0.28 0.00	24.15 -0.37 0.00	25.62 -0.39 0.00	26.47 -0.40 0.00	27.64 -0.42 0.00	28.80 -0.44 0.00	29.70 -0.45 0.00	34.16 -0.52 0.00	37.70 -0.57 0.00	35.94 -0.55 0.00	33.18 -0.54 0.00	29.39 -0.51 0.00	27.74 -0.51 0.00	24.02 -0.42 0.00	21.76 -0.42 0.00

CH_RES_NIAGARA 23895	19.19 -0.43 0.00	16.80 -0.90 0.00	15.90 -0.85 0.00	15.80 -0.83 0.00	16.00 -0.75 0.00	16.83 -0.72 0.00	20.09 -0.29 -0.01	21.60 -0.74 0.00	22.37 -0.72 0.00	22.75 -0.39 0.00	24.32 -0.20 0.00	26.09 0.08 0.00	27.11 0.24 0.00	28.20 0.14 0.00	29.38 0.15 0.00	30.21 0.06 0.00	34.51 -0.17 0.00	37.58 -0.69 0.00	36.31 -0.18 0.00	33.48 -0.23 0.00	29.57 -0.33 0.00	27.91 -0.34 0.00	24.24 -0.20 0.00	22.19 0.00 0.00
CH_RES_SYRACUSE 23985	19.70 0.08 0.00	17.67 -0.04 0.00	16.71 -0.05 0.00	16.60 -0.03 0.00	16.74 -0.02 0.00	17.55 0.00 0.00	20.45 0.08 0.00	22.34 0.00 0.00	23.35 0.00 -0.26	23.43 0.00 -0.29	25.30 0.07 -0.71	27.18 0.16 -1.02	28.14 0.11 -1.16	29.60 0.11 -1.43	31.11 0.21 -1.67	32.20 0.21 -1.84	37.62 0.24 -2.70	41.90 0.27 -3.36	39.86 0.33 -3.04	36.48 0.27 -2.49	31.80 0.21 -1.69	29.58 0.17 -1.16	25.05 0.10 -0.52	22.61 0.09 -0.34
CLINTON_WT_PWR 323605	19.68 0.06 0.00	17.92 0.21 0.00	16.94 0.18 0.00	16.86 0.23 0.00	17.02 0.27 0.00	17.83 0.28 0.00	20.47 0.10 0.00	22.67 0.34 0.00	23.50 0.42 0.00	23.49 0.35 0.00	24.74 0.22 0.00	26.24 0.23 0.00	27.20 0.32 0.00	28.39 0.34 0.00	29.59 0.35 0.00	30.52 0.36 0.00	35.20 0.52 0.00	38.81 0.54 0.00	37.11 0.62 0.00	34.29 0.57 0.00	30.40 0.51 0.00	28.59 0.34 0.00	24.73 0.29 0.00	22.38 0.20 0.00
CLINTON___LFGE 323618	19.91 0.29 0.00	18.11 0.41 0.00	17.11 0.35 0.00	17.03 0.40 0.00	17.21 0.45 0.00	18.02 0.47 0.00	20.69 0.32 0.00	22.94 0.60 0.00	23.81 0.72 0.00	23.74 0.60 0.00	24.98 0.46 0.00	26.53 0.52 0.00	27.49 0.62 0.00	28.70 0.65 0.00	29.94 0.70 0.00	30.91 0.75 0.00	35.65 0.97 0.00	39.34 1.07 0.00	37.66 1.17 0.00	34.80 1.08 0.00	30.88 0.99 0.00	28.98 0.73 0.00	25.02 0.59 0.00	22.65 0.47 0.00
COBBLENY_34_KV_TB1 80064	19.82 0.20 0.00	17.42 -0.28 0.00	16.44 -0.32 0.00	16.33 -0.30 0.00	16.59 -0.17 0.00	17.48 -0.07 0.00	20.37 0.00 -0.01	22.51 0.18 0.00	23.13 0.05 0.00	23.44 0.30 0.00	25.15 0.64 0.00	26.84 0.83 0.00	28.16 1.29 0.00	29.18 1.12 0.00	30.58 1.34 0.00	31.51 1.36 0.00	36.07 1.39 0.00	39.11 0.84 0.00	37.88 1.39 0.00	34.63 0.91 0.00	30.64 0.75 0.00	28.87 0.62 0.00	24.99 0.56 0.00	22.78 0.60 0.00
COFFEEN___115KV_TB3 355620	20.15 0.53 0.00	18.08 0.37 0.00	17.11 0.35 0.00	16.98 0.35 0.00	17.07 0.32 0.00	17.97 0.42 0.00	20.73 0.37 0.00	22.67 0.34 0.00	23.46 0.21 -0.16	23.69 0.42 -0.14	25.49 0.64 -0.34	27.59 1.09 -0.49	28.12 0.70 -0.55	29.58 0.84 -0.68	30.41 0.38 -0.80	31.51 0.48 -0.88	36.92 0.94 -1.31	41.10 0.73 -2.10	39.59 1.20 -1.90	36.83 1.55 -1.56	32.27 1.32 -1.06	30.10 1.13 -0.72	25.68 0.93 -0.32	23.11 0.71 -0.21
COLDSPRG_115KV_BK1 355956	20.05 0.43 0.00	17.69 -0.02 0.00	16.67 -0.08 0.00	16.58 -0.05 0.00	16.87 0.12 0.00	17.79 0.25 0.00	20.88 0.51 -0.01	23.25 0.92 0.00	23.80 0.72 0.00	24.18 1.04 0.00	26.01 1.50 0.00	27.83 1.82 0.00	29.24 2.36 0.00	30.25 2.19 0.00	31.60 2.37 0.00	32.57 2.41 0.00	36.97 2.29 0.00	39.99 1.72 0.00	38.86 2.37 0.00	35.47 1.75 0.00	31.39 1.49 0.00	29.54 1.30 0.00	25.56 1.12 0.00	23.25 1.06 0.00
COLONIE_LFGE___ 323577	20.56 0.94 0.00	18.54 0.83 0.00	17.56 0.80 0.00	17.40 0.77 0.00	17.53 0.77 0.00	18.34 0.79 0.00	21.44 1.04 -0.04	23.34 1.01 0.00	24.10 1.01 0.00	24.20 1.07 0.00	25.65 1.13 0.00	27.10 1.09 0.00	28.00 1.13 0.00	29.00 1.12 0.18	30.05 1.14 0.33	30.86 1.24 0.53	35.04 1.39 1.03	39.41 1.61 0.47	38.02 1.53 0.00	35.13 1.42 0.00	31.30 1.41 0.00	29.60 1.36 0.00	25.51 1.07 0.00	23.25 1.06 0.00
COOPERNY_115KV_TB1 80082	20.44 0.82 0.00	18.41 0.71 0.00	17.41 0.65 0.00	17.26 0.63 0.00	17.36 0.60 0.00	18.18 0.63 0.00	21.28 0.90 -0.02	23.27 0.94 0.00	24.01 0.92 0.00	24.04 0.90 0.00	25.57 1.05 0.00	27.10 1.09 0.00	28.00 1.13 0.00	29.31 1.18 -0.07	30.56 1.20 -0.13	31.60 1.24 -0.21	36.55 1.49 -0.38	40.17 1.72 -0.18	37.99 1.50 0.00	35.07 1.35 0.00	31.06 1.17 0.00	29.38 1.13 0.00	25.48 1.05 0.00	23.18 1.00 0.00
COPENHAGEN_WT_PWR 323753	19.97 0.35 0.00	17.93 0.23 0.00	16.97 0.22 0.00	16.85 0.22 0.00	16.94 0.18 0.00	17.83 0.28 0.00	20.61 0.25 0.00	22.54 0.20 0.00	23.37 0.12 -0.17	23.39 0.09 -0.16	25.15 0.25 -0.39	27.13 0.57 -0.55	27.77 0.27 -0.63	29.19 0.36 -0.77	30.20 0.06 -0.91	31.24 0.09 -1.00	36.54 0.38 -1.48	40.88 0.42 -2.19	39.27 0.80 -1.98	36.45 1.11 -1.62	31.89 0.90 -1.10	29.79 0.79 -0.75	25.43 0.66 -0.34	22.89 0.49 -0.22
CORNELL___ 23752	20.19 0.57 0.00	18.06 0.35 0.00	17.07 0.32 0.00	16.96 0.33 0.00	17.11 0.35 0.00	17.95 0.40 0.00	20.88 0.51 -0.01	22.89 0.56 0.00	23.74 0.51 -0.15	23.89 0.58 -0.17	25.67 0.74 -0.41	27.46 0.86 -0.59	28.38 0.83 -0.67	29.73 0.84 -0.83	31.11 0.91 -0.97	32.12 0.93 -1.03	37.29 1.14 -1.47	41.40 1.30 -1.83	39.60 1.46 -1.65	36.39 1.32 -1.35	31.95 1.14 -0.92	29.86 0.99 -0.63	25.49 0.78 -0.28	23.08 0.71 -0.18
CORONA_AV_69_KV_TB1 355595	21.33 1.71 0.00	19.19 1.49 0.00	18.10 1.34 0.00	17.86 1.23 0.00	17.89 1.14 0.00	18.86 1.32 0.00	22.11 1.71 -0.03	24.23 1.90 0.00	25.21 2.12 0.00	25.31 2.18 0.00	26.90 2.38 0.00	29.46 2.31 -1.14	30.95 2.42 -1.66	31.52 2.58 -0.89	32.16 2.69 -0.23	33.26 2.71 -0.40	38.59 3.19 -0.72	42.20 3.60 -0.33	39.63 3.14 0.00	36.52 2.80 0.00	32.35 2.45 0.00	31.75 2.29 -1.22	27.84 2.15 -1.26	24.23 2.04 0.00
CORTLAND_115KV_TB3 80093	19.99 0.37 0.00	17.92 0.21 0.00	16.94 0.18 0.00	16.83 0.20 0.00	16.97 0.22 0.00	17.79 0.25 0.00	20.72 0.35 -0.01	22.67 0.34 0.00	23.55 0.30 -0.16	23.69 0.37 -0.18	25.48 0.51 -0.44	27.24 0.60 -0.64	28.21 0.62 -0.72	29.56 0.62 -0.89	30.95 0.67 -1.04	31.98 0.69 -1.13	37.02 0.83 -1.51	41.07 0.92 -1.88	39.21 1.02 -1.70	36.02 0.91 -1.39	31.59 0.75 -0.94	29.57 0.68 -0.65	25.26 0.54 -0.29	22.86 0.49 -0.19
COXSACKIE___GT 23611	20.88 1.26 0.00	18.82 1.12 0.00	17.84 1.09 0.00	17.75 1.11 0.00	17.88 1.12 0.00	18.72 1.18 0.00	21.93 1.53 -0.04	23.83 1.50 0.00	24.54 1.46 0.00	24.57 1.44 0.00	25.94 1.42 0.00	27.44 1.43 0.00	28.35 1.48 0.00	29.72 1.71 0.05	30.84 1.69 0.09	31.78 1.78 0.15	36.54 2.15 0.29	40.78 2.64 0.13	38.79 2.30 0.00	35.81 2.09 0.00	31.99 2.09 0.00	30.31 2.06 0.00	26.04 1.61 0.00	23.71 1.53 0.00
CPV_VALLEY___CC1 323721	20.48 0.86 0.00	18.45 0.74 0.00	17.44 0.69 0.00	17.28 0.65 0.00	17.38 0.62 0.00	18.20 0.65 0.00	21.27 0.88 -0.03	23.27 0.94 0.00	24.04 0.95 0.00	24.18 1.04 0.00	25.72 1.20 0.00	27.20 1.20 0.00	28.13 1.26 0.00	29.47 1.32 -0.09	30.75 1.35 -0.17	31.82 1.39 -0.28	36.82 1.60 -0.54	40.35 1.84 -0.25	38.02 1.53 0.00	35.07 1.35 0.00	31.09 1.20 0.00	29.40 1.16 0.00	25.51 1.07 0.00	23.21 1.02 0.00

CPV_VALLEY___CC2 323722	20.48 0.86 0.00	18.45 0.74 0.00	17.44 0.69 0.00	17.28 0.65 0.00	17.38 0.62 0.00	18.20 0.65 0.00	21.27 0.88 -0.03	23.27 0.94 0.00	24.04 0.95 0.00	24.18 1.04 0.00	25.72 1.20 0.00	27.20 1.20 0.00	28.13 1.26 0.00	29.47 1.32 -0.09	30.75 1.35 -0.17	31.82 1.39 -0.28	36.82 1.60 -0.54	40.35 1.84 -0.25	38.02 1.53 0.00	35.07 1.35 0.00	31.09 1.20 0.00	29.40 1.16 0.00	25.51 1.07 0.00	23.21 1.02 0.00
CRESCENT___HYD 24018	20.56 0.94 0.00	18.54 0.83 0.00	17.56 0.80 0.00	17.40 0.77 0.00	17.53 0.77 0.00	18.34 0.79 0.00	21.44 1.04 -0.04	23.34 1.01 0.00	24.10 1.01 0.00	24.20 1.07 0.00	25.65 1.13 0.00	27.10 1.09 0.00	28.00 1.13 0.00	29.00 1.12 0.18	30.05 1.14 0.33	30.86 1.24 0.53	35.04 1.39 1.03	39.41 1.61 0.47	38.02 1.53 0.00	35.13 1.42 0.00	31.30 1.41 0.00	29.60 1.36 0.00	25.51 1.07 0.00	23.25 1.06 0.00
CRICKET___VALLEY_CC1 323756	20.68 1.06 0.00	18.64 0.94 0.00	17.63 0.87 0.00	17.46 0.83 0.00	17.58 0.82 0.00	18.39 0.84 0.00	21.48 1.08 -0.03	23.43 1.09 0.00	24.20 1.11 0.00	24.34 1.20 0.00	25.84 1.32 0.00	27.26 1.25 0.00	28.16 1.29 0.00	27.69 1.35 1.71	27.40 1.35 3.18	26.34 1.36 5.17	26.27 1.56 9.97	35.52 1.80 4.55	38.02 1.53 0.00	35.10 1.38 0.00	31.24 1.35 0.00	29.52 1.27 0.00	25.58 1.15 0.00	23.34 1.15 0.00
CRICKET___VALLEY_CC2 323757	20.68 1.06 0.00	18.64 0.94 0.00	17.63 0.87 0.00	17.46 0.83 0.00	17.58 0.82 0.00	18.39 0.84 0.00	21.48 1.08 -0.03	23.43 1.09 0.00	24.20 1.11 0.00	24.34 1.20 0.00	25.84 1.32 0.00	27.26 1.25 0.00	28.16 1.29 0.00	27.69 1.35 1.71	27.40 1.35 3.18	26.34 1.36 5.17	26.27 1.56 9.97	35.52 1.80 4.55	38.02 1.53 0.00	35.10 1.38 0.00	31.24 1.35 0.00	29.52 1.27 0.00	25.58 1.15 0.00	23.34 1.15 0.00
CRICKET___VALLEY_CC3 323758	20.68 1.06 0.00	18.64 0.94 0.00	17.63 0.87 0.00	17.46 0.83 0.00	17.58 0.82 0.00	18.39 0.84 0.00	21.48 1.08 -0.03	23.43 1.09 0.00	24.20 1.11 0.00	24.34 1.20 0.00	25.84 1.32 0.00	27.26 1.25 0.00	28.16 1.29 0.00	27.69 1.35 1.71	27.40 1.35 3.18	26.34 1.36 5.17	26.27 1.56 9.97	35.52 1.80 4.55	38.02 1.53 0.00	35.10 1.38 0.00	31.24 1.35 0.00	29.52 1.27 0.00	25.58 1.15 0.00	23.34 1.15 0.00
CRUCIBLE_METL_DRP 24180	19.70 0.08 0.00	17.67 -0.04 0.00	16.71 -0.05 0.00	16.60 -0.03 0.00	16.74 -0.02 0.00	17.55 0.00 0.00	20.39 0.02 0.00	22.29 -0.04 0.00	23.28 -0.07 -0.26	23.43 0.00 -0.29	25.28 0.05 -0.71	27.16 0.13 -1.02	28.16 0.13 -1.16	29.60 0.11 -1.43	31.11 0.20 -1.67	32.20 0.21 -1.84	37.66 0.28 -2.70	41.90 0.27 -3.36	39.90 0.36 -3.04	36.48 0.27 -2.49	31.80 0.21 -1.69	29.57 0.17 -1.16	25.04 0.10 -0.52	22.61 0.09 -0.34
DAHOWA___HYDRO 323763	20.86 1.24 0.00	18.77 1.06 0.00	17.76 1.01 0.00	17.63 1.00 0.00	17.76 1.01 0.00	18.58 1.03 0.00	21.71 1.30 -0.04	23.63 1.29 0.00	24.38 1.29 0.00	24.46 1.32 0.00	25.86 1.35 0.00	27.31 1.30 0.00	28.24 1.37 0.00	29.23 1.32 0.14	30.28 1.32 0.27	31.17 1.45 0.44	35.54 1.70 0.84	39.91 2.03 0.38	38.60 2.12 0.00	35.91 2.19 0.00	32.02 2.12 0.00	30.25 2.01 0.00	26.00 1.57 0.00	23.65 1.46 0.00
DANC___LFGE 323619	19.82 0.20 0.00	17.78 0.07 0.00	16.82 0.07 0.00	16.70 0.07 0.00	16.81 0.05 0.00	17.67 0.12 0.00	20.49 0.12 0.00	22.38 0.04 0.00	23.27 -0.02 -0.20	23.30 -0.07 -0.22	25.09 0.02 -0.55	27.03 0.23 -0.79	27.82 0.05 -0.89	29.27 0.11 -1.10	30.44 -0.09 -1.29	31.48 -0.09 -1.42	36.78 0.00 -2.10	41.07 0.12 -2.68	39.32 0.40 -2.43	36.31 0.61 -1.99	31.72 0.48 -1.35	29.65 0.48 -0.92	25.21 0.37 -0.41	22.72 0.27 -0.27
DANSKAMMER___1 23586	20.91 1.29 0.00	18.82 1.12 0.00	17.81 1.06 0.00	17.65 1.01 0.00	17.74 0.99 0.00	18.58 1.03 0.00	21.74 1.34 -0.03	23.74 1.41 0.00	24.54 1.46 0.00	24.69 1.55 0.00	26.23 1.72 0.00	27.75 1.74 0.00	28.70 1.83 0.00	30.09 1.93 -0.10	31.40 1.99 -0.18	32.43 1.99 -0.29	37.59 2.36 -0.56	41.32 2.79 -0.25	38.83 2.34 0.00	35.81 2.09 0.00	31.78 1.88 0.00	30.08 1.83 0.00	26.07 1.64 0.00	23.71 1.53 0.00
DANSKAMMER___2 23589	20.91 1.29 0.00	18.82 1.12 0.00	17.81 1.06 0.00	17.65 1.01 0.00	17.74 0.99 0.00	18.58 1.03 0.00	21.74 1.34 -0.03	23.74 1.41 0.00	24.54 1.46 0.00	24.69 1.55 0.00	26.23 1.72 0.00	27.75 1.74 0.00	28.70 1.83 0.00	30.09 1.93 -0.10	31.40 1.99 -0.18	32.43 1.99 -0.29	37.59 2.36 -0.56	41.32 2.79 -0.25	38.83 2.34 0.00	35.81 2.09 0.00	31.78 1.88 0.00	30.08 1.83 0.00	26.07 1.64 0.00	23.71 1.53 0.00
DANSKAMMER___3 23590	20.91 1.29 0.00	18.82 1.12 0.00	17.81 1.06 0.00	17.65 1.01 0.00	17.74 0.99 0.00	18.58 1.03 0.00	21.74 1.34 -0.03	23.74 1.41 0.00	24.54 1.46 0.00	24.69 1.55 0.00	26.23 1.72 0.00	27.75 1.74 0.00	28.70 1.83 0.00	30.09 1.93 -0.10	31.40 1.99 -0.18	32.43 1.99 -0.29	37.59 2.36 -0.56	41.32 2.79 -0.25	38.83 2.34 0.00	35.81 2.09 0.00	31.78 1.88 0.00	30.08 1.83 0.00	26.07 1.64 0.00	23.71 1.53 0.00
DANSKAMMER___4 23591	20.91 1.29 0.00	18.82 1.12 0.00	17.81 1.06 0.00	17.65 1.01 0.00	17.74 0.99 0.00	18.58 1.03 0.00	21.74 1.34 -0.03	23.74 1.41 0.00	24.54 1.46 0.00	24.69 1.55 0.00	26.23 1.72 0.00	27.75 1.74 0.00	28.70 1.83 0.00	30.09 1.93 -0.10	31.40 1.99 -0.18	32.43 1.99 -0.29	37.59 2.36 -0.56	41.32 2.79 -0.25	38.83 2.34 0.00	35.81 2.09 0.00	31.78 1.88 0.00	30.08 1.83 0.00	26.07 1.64 0.00	23.71 1.53 0.00
DANSKAMMER___DIESEL 23592	20.91 1.29 0.00	18.82 1.12 0.00	17.81 1.06 0.00	17.65 1.01 0.00	17.74 0.99 0.00	18.58 1.04 0.00	21.82 1.43 -0.03	23.81 1.47 0.00	24.66 1.57 0.00	24.69 1.55 0.00	26.23 1.72 0.00	27.75 1.74 0.00	28.70 1.83 0.00	30.12 1.96 -0.10	31.40 1.99 -0.18	32.43 1.99 -0.29	37.55 2.32 -0.55	41.24 2.72 -0.25	38.75 2.26 0.00	35.81 2.09 0.00	31.75 1.85 0.00	30.08 1.84 0.00	26.07 1.64 0.00	23.72 1.53 0.00
DARBY___SOLAR 323810	20.82 1.20 0.00	18.73 1.03 0.00	17.73 0.97 0.00	17.60 0.96 0.00	17.73 0.97 0.00	18.55 1.00 0.00	21.67 1.26 -0.04	23.61 1.27 0.00	24.36 1.27 0.00	24.43 1.30 0.00	25.84 1.32 0.00	27.31 1.30 0.00	28.21 1.34 0.00	29.23 1.32 0.15	30.30 1.35 0.28	31.15 1.45 0.45	35.51 1.70 0.87	39.90 2.03 0.40	38.53 2.04 0.00	35.78 2.06 0.00	31.87 1.97 0.00	30.14 1.89 0.00	25.92 1.49 0.00	23.58 1.40 0.00
DASHVILLE___HYD 23610	20.66 1.04 0.00	18.59 0.89 0.00	17.59 0.84 0.00	17.41 0.78 0.00	17.51 0.75 0.00	18.32 0.77 0.00	21.56 1.16 -0.03	23.50 1.16 0.00	24.34 1.25 0.00	24.37 1.23 0.00	25.91 1.40 0.00	27.39 1.38 0.00	28.32 1.45 0.00	29.99 1.88 -0.05	31.23 1.90 -0.09	32.20 1.90 -0.15	37.21 2.25 -0.28	41.00 2.60 -0.13	38.20 1.71 0.00	35.30 1.58 0.00	31.27 1.38 0.00	29.66 1.41 0.00	25.73 1.29 0.00	23.41 1.22 0.00

DEERFIELD_69_KV_DEERFIELD LD 355887	21.72 2.10 0.00	19.63 1.93 0.00	18.50 1.74 0.00	18.21 1.58 0.00	18.16 1.41 0.00	19.21 1.67 0.00	22.45 2.06 -0.03	24.61 2.28 0.00	25.72 2.63 0.00	25.87 2.73 0.00	27.56 3.04 0.00	30.24 3.09 -1.14	31.79 3.25 -1.66	32.42 3.48 -0.89	32.92 3.45 -0.23	34.08 3.53 -0.40	39.56 4.16 -0.72	43.38 4.78 -0.33	40.72 4.23 0.00	37.63 3.91 0.00	33.13 3.23 0.00	32.63 3.16 -1.22	28.60 2.91 -1.26	24.80 2.62 0.00
DELAWARE___LFGE 323621	20.35 0.73 0.00	18.29 0.58 0.00	17.33 0.57 0.00	17.18 0.55 0.00	17.29 0.54 0.00	18.13 0.58 0.00	21.15 0.77 -0.01	23.16 0.83 0.00	24.00 0.85 -0.05	24.52 1.25 -0.13	26.43 1.59 -0.32	28.40 1.92 -0.46	29.20 1.80 -0.53	30.61 1.91 -0.65	32.01 2.02 -0.76	31.81 1.27 -0.39	36.60 1.39 -0.54	40.51 1.57 -0.67	38.59 1.50 -0.60	35.60 1.38 -0.49	31.43 1.20 -0.33	29.63 1.16 -0.23	25.54 1.00 -0.10	23.16 0.91 -0.07
DERFIELD_115KV_TB7 355931	19.70 0.08 0.00	17.76 0.05 0.00	16.81 0.05 0.00	16.68 0.05 0.00	16.79 0.03 0.00	17.58 0.04 0.00	20.45 0.08 0.00	22.40 0.07 0.00	23.13 0.05 0.00	23.21 0.07 0.00	24.62 0.10 0.00	26.11 0.10 0.00	26.95 0.08 0.00	28.17 0.11 0.00	29.35 0.12 0.00	30.24 0.09 0.00	34.78 0.10 0.00	38.42 0.15 0.00	36.64 0.15 0.00	33.85 0.13 0.00	30.02 0.12 0.00	28.36 0.11 0.00	24.53 0.10 0.00	22.27 0.09 0.00
DOGLEVILLE___HYD 23807	19.23 -0.39 0.00	17.33 -0.37 0.00	16.44 -0.32 0.00	16.33 -0.30 0.00	16.44 -0.32 0.00	17.23 -0.32 0.00	20.00 -0.37 0.00	21.96 -0.38 0.00	22.74 -0.35 0.00	22.82 -0.32 0.00	24.17 -0.34 0.00	25.67 -0.34 0.00	26.52 -0.35 0.00	27.78 -0.28 0.00	28.85 -0.38 0.00	29.79 -0.36 0.00	34.23 -0.45 0.00	37.81 -0.46 0.00	36.05 -0.44 0.00	33.32 -0.40 0.00	29.45 -0.45 0.00	27.85 -0.40 0.00	24.04 -0.39 0.00	21.83 -0.36 0.00
DUNKIRK___115KV_TB_200 55889	19.91 0.29 0.00	17.53 -0.18 0.00	16.54 -0.22 0.00	16.45 -0.18 0.00	16.72 -0.03 0.00	17.62 0.07 0.00	20.60 0.22 -0.01	22.85 0.51 0.00	23.57 0.48 0.00	23.93 0.79 0.00	25.69 1.18 0.00	27.44 1.43 0.00	28.78 1.91 0.00	29.80 1.74 0.00	31.19 1.96 0.00	32.08 1.93 0.00	36.59 1.91 0.00	39.69 1.42 0.00	38.42 1.93 0.00	35.14 1.42 0.00	31.12 1.23 0.00	29.29 1.05 0.00	25.36 0.93 0.00	23.12 0.93 0.00
DUNKIRK___1 23563	19.91 0.29 0.00	17.53 -0.18 0.00	16.54 -0.22 0.00	16.45 -0.18 0.00	16.72 -0.03 0.00	17.62 0.07 0.00	20.60 0.22 -0.01	22.85 0.51 0.00	23.57 0.48 0.00	23.93 0.79 0.00	25.69 1.18 0.00	27.44 1.43 0.00	28.78 1.91 0.00	29.80 1.74 0.00	31.19 1.96 0.00	32.08 1.93 0.00	36.59 1.91 0.00	39.69 1.42 0.00	38.42 1.93 0.00	35.14 1.42 0.00	31.12 1.23 0.00	29.29 1.05 0.00	25.36 0.93 0.00	23.12 0.93 0.00
DUNKIRK___2 23564	19.91 0.29 0.00	17.53 -0.18 0.00	16.54 -0.22 0.00	16.45 -0.18 0.00	16.72 -0.03 0.00	17.62 0.07 0.00	20.60 0.22 -0.01	22.85 0.51 0.00	23.57 0.48 0.00	23.93 0.79 0.00	25.69 1.18 0.00	27.44 1.43 0.00	28.78 1.91 0.00	29.80 1.74 0.00	31.19 1.96 0.00	32.08 1.93 0.00	36.59 1.91 0.00	39.69 1.42 0.00	38.42 1.93 0.00	35.14 1.42 0.00	31.12 1.23 0.00	29.29 1.05 0.00	25.36 0.93 0.00	23.12 0.93 0.00
DUNKIRK___3 23565	19.84 0.22 0.00	17.46 -0.25 0.00	16.49 -0.27 0.00	16.38 -0.25 0.00	16.64 -0.12 0.00	17.51 -0.04 0.00	20.47 0.10 -0.01	22.67 0.34 0.00	23.34 0.25 0.00	23.67 0.53 0.00	25.42 0.91 0.00	27.13 1.12 0.00	28.46 1.59 0.00	29.46 1.40 0.00	30.84 1.61 0.00	31.75 1.60 0.00	36.24 1.56 0.00	39.34 1.07 0.00	38.06 1.57 0.00	34.83 1.11 0.00	30.82 0.93 0.00	29.04 0.79 0.00	25.16 0.73 0.00	22.94 0.75 0.00
DUNKIRK___4 23566	19.84 0.22 0.00	17.46 -0.25 0.00	16.49 -0.27 0.00	16.38 -0.25 0.00	16.64 -0.12 0.00	17.51 -0.04 0.00	20.47 0.10 -0.01	22.67 0.34 0.00	23.34 0.25 0.00	23.67 0.53 0.00	25.42 0.91 0.00	27.13 1.12 0.00	28.46 1.59 0.00	29.46 1.40 0.00	30.84 1.61 0.00	31.75 1.60 0.00	36.24 1.56 0.00	39.34 1.07 0.00	38.06 1.57 0.00	34.83 1.11 0.00	30.82 0.93 0.00	29.04 0.79 0.00	25.16 0.73 0.00	22.94 0.75 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	20.93 1.31 0.00	18.85 1.15 0.00	17.81 1.06 0.00	17.65 1.01 0.00	17.73 0.97 0.00	18.58 1.04 0.00	21.82 1.43 -0.03	23.85 1.52 0.00	24.75 1.66 0.00	24.78 1.64 0.00	26.40 1.89 0.00	27.91 1.90 0.00	28.86 1.99 0.00	30.31 2.13 -0.12	31.60 2.13 -0.23	32.67 2.14 -0.38	37.83 2.43 -0.72	41.35 2.76 -0.33	38.82 2.34 0.00	35.84 2.12 0.00	31.75 1.85 0.00	30.05 1.81 0.00	26.09 1.66 0.00	23.69 1.51 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	20.76 1.14 0.00	18.68 0.97 0.00	17.68 0.92 0.00	17.51 0.88 0.00	17.61 0.85 0.00	18.44 0.89 0.00	21.66 1.26 -0.03	23.63 1.30 0.00	24.47 1.39 0.00	24.50 1.37 0.00	26.06 1.54 0.00	27.57 1.56 0.00	28.51 1.64 0.00	29.92 1.77 -0.10	31.20 1.78 -0.18	32.22 1.78 -0.29	37.31 2.08 -0.55	40.93 2.41 -0.25	38.50 2.01 0.00	35.54 1.82 0.00	31.51 1.61 0.00	29.83 1.58 0.00	25.87 1.44 0.00	23.54 1.35 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	21.16 1.53 -0.01	19.08 1.36 -0.01	18.01 1.26 0.00	17.84 1.20 -0.01	17.89 1.14 0.00	18.67 1.12 0.00	21.82 1.43 -0.03	23.85 1.52 0.00	24.77 1.69 0.00	24.81 1.67 0.00	26.43 1.91 0.00	28.04 2.03 0.00	28.97 2.10 0.00	30.51 2.33 -0.12	31.60 2.13 -0.23	32.67 2.14 -0.38	37.93 2.53 -0.72	41.43 2.83 -0.33	38.82 2.34 0.00	35.81 2.09 0.00	31.60 1.70 0.00	30.19 1.95 0.00	26.34 1.91 0.00	23.80 1.62 0.00
E179THST_13_KV_LOAD 356214	21.26 1.63 -0.01	19.15 1.43 -0.01	18.08 1.32 0.00	17.90 1.26 -0.01	17.96 1.21 0.00	18.74 1.19 0.00	21.90 1.51 -0.03	23.97 1.63 0.00	24.89 1.80 0.00	24.92 1.78 0.00	26.55 2.03 0.00	28.17 2.16 0.00	29.13 2.26 0.00	30.68 2.50 -0.12	31.78 2.31 -0.23	32.85 2.32 -0.38	38.14 2.74 -0.72	41.62 3.02 -0.33	39.04 2.55 0.00	36.01 2.29 0.00	31.75 1.85 0.00	30.34 2.09 0.00	26.46 2.03 0.00	23.92 1.73 0.00
EAST HAMPTON___GT 23717	21.97 2.35 0.00	19.86 2.16 0.00	18.58 1.83 0.00	18.33 1.70 0.00	18.36 1.61 0.00	19.44 1.90 0.00	22.62 2.22 -0.03	24.86 2.52 0.00	25.93 2.84 0.00	26.25 3.10 -0.01	27.93 3.41 -0.01	30.63 3.49 -1.14	32.22 3.68 -1.66	32.84 3.90 -0.89	33.42 3.95 -0.24	34.59 4.04 -0.40	40.20 4.79 -0.73	44.12 5.51 -0.34	41.42 4.92 -0.01	38.14 4.42 -0.01	33.58 3.68 -0.01	33.05 3.59 -1.22	28.97 3.27 -1.26	25.14 2.95 -0.01
EAST RIVER___6 23660	20.97 1.35 0.00	18.89 1.19 0.00	17.84 1.09 0.00	17.66 1.03 0.00	17.76 1.01 0.00	18.62 1.07 0.00	21.76 1.36 -0.03	23.86 1.52 0.00	24.70 1.62 0.00	24.88 1.74 0.00	26.48 1.96 0.00	27.96 1.95 0.00	28.91 2.04 0.00	30.40 2.22 -0.12	31.66 2.19 -0.23	32.73 2.20 -0.38	38.01 2.60 -0.73	41.55 2.95 -0.33	38.93 2.45 0.00	35.81 2.09 0.00	31.72 1.82 0.00	30.03 1.78 0.00	26.14 1.71 0.00	23.69 1.51 0.00

EAST_RIVER___7 23524	20.97 1.35 0.00	18.89 1.19 0.00	17.84 1.09 0.00	17.66 1.03 0.00	17.76 1.01 0.00	18.62 1.07 0.00	21.76 1.36 -0.03	23.86 1.52 0.00	24.70 1.62 0.00	24.88 1.74 0.00	26.48 1.96 0.00	27.96 1.95 0.00	28.91 2.04 0.00	30.40 2.22 -0.12	31.66 2.19 -0.23	32.73 2.20 -0.38	38.01 2.60 -0.73	41.55 2.95 -0.33	38.93 2.45 0.00	35.81 2.09 0.00	31.72 1.82 0.00	30.03 1.78 0.00	26.14 1.71 0.00	23.69 1.51 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	20.89 1.28 0.00	18.82 1.12 0.00	17.78 1.02 0.00	17.61 0.98 0.00	17.69 0.94 0.00	18.55 1.00 0.00	21.78 1.38 -0.03	23.81 1.47 0.00	24.68 1.59 0.00	24.74 1.60 0.00	26.33 1.81 0.00	27.83 1.82 0.00	28.78 1.91 0.00	30.23 2.05 -0.12	31.51 2.05 -0.23	32.58 2.05 -0.38	37.76 2.36 -0.72	41.24 2.64 -0.33	38.71 2.23 0.00	35.78 2.06 0.00	31.69 1.79 0.00	29.97 1.72 0.00	26.04 1.61 0.00	23.65 1.46 0.00
EAST_HAMPTON___DIESEL 23722	21.99 2.37 0.00	19.86 2.16 0.00	18.58 1.83 0.00	18.33 1.70 0.00	18.36 1.61 0.00	19.46 1.91 0.00	22.62 2.22 -0.03	24.88 2.55 0.00	25.93 2.84 0.00	26.25 3.10 -0.01	27.93 3.41 -0.01	30.65 3.51 -1.14	32.22 3.68 -1.66	32.84 3.90 -0.89	33.42 3.95 -0.24	34.62 4.07 -0.40	40.20 4.79 -0.73	44.12 5.51 -0.34	41.42 4.92 -0.01	38.18 4.45 -0.01	33.58 3.68 -0.01	33.05 3.59 -1.22	28.97 3.27 -1.26	25.14 2.95 -0.01
EAST_PULASKI___ESR 323781	19.72 0.10 0.00	17.70 0.00 0.00	16.74 -0.02 0.00	16.63 0.00 0.00	16.74 -0.02 0.00	17.58 0.04 0.00	20.39 0.02 0.00	22.29 -0.04 0.00	23.21 -0.12 -0.23	23.28 -0.14 -0.28	25.12 -0.07 -0.68	27.03 0.05 -0.97	27.92 -0.05 -1.10	29.36 -0.06 -1.36	30.71 -0.12 -1.59	31.75 -0.15 -1.75	37.12 -0.14 -2.58	41.34 0.00 -3.07	39.48 0.22 -2.77	36.33 0.34 -2.27	31.71 0.27 -1.54	29.61 0.31 -1.06	25.10 0.20 -0.47	22.63 0.13 -0.31
EAST_RIVER___1 323558	20.99 1.37 0.00	18.91 1.20 0.00	17.86 1.11 0.00	17.68 1.05 0.00	17.78 1.02 0.00	18.63 1.09 0.00	21.78 1.39 -0.03	23.88 1.54 0.00	24.73 1.64 0.00	24.90 1.76 0.00	26.50 1.99 0.00	27.98 1.98 0.00	28.94 2.07 0.00	30.43 2.25 -0.12	31.69 2.22 -0.23	32.76 2.23 -0.38	38.01 2.60 -0.73	41.55 2.95 -0.33	38.93 2.45 0.00	35.88 2.16 0.00	31.75 1.85 0.00	30.05 1.81 0.00	26.17 1.73 0.00	23.74 1.55 0.00
EAST_RIVER___2 323559	20.97 1.35 0.00	18.89 1.19 0.00	17.84 1.09 0.00	17.66 1.03 0.00	17.76 1.01 0.00	18.62 1.07 0.00	21.76 1.36 -0.03	23.86 1.52 0.00	24.70 1.62 0.00	24.88 1.74 0.00	26.48 1.96 0.00	27.96 1.95 0.00	28.91 2.04 0.00	30.40 2.22 -0.12	31.66 2.19 -0.23	32.73 2.20 -0.38	38.01 2.60 -0.73	41.55 2.95 -0.33	38.93 2.45 0.00	35.81 2.09 0.00	31.72 1.82 0.00	30.03 1.78 0.00	26.14 1.71 0.00	23.69 1.51 0.00
EAST___DELAWARE_HYD 23607	20.48 0.86 0.00	18.41 0.71 0.00	17.43 0.67 0.00	17.25 0.62 0.00	17.34 0.59 0.00	18.18 0.63 0.00	21.25 0.86 -0.03	23.23 0.89 0.00	23.97 0.88 0.00	24.09 0.95 0.00	25.59 1.08 0.00	27.10 1.09 0.00	28.00 1.13 0.00	29.33 1.21 -0.07	30.56 1.20 -0.13	31.60 1.24 -0.20	36.70 1.63 -0.39	40.44 1.99 -0.18	38.13 1.64 0.00	35.13 1.42 0.00	31.18 1.28 0.00	29.49 1.24 0.00	25.58 1.15 0.00	23.23 1.04 0.00
EIGHT_POINT___WT_PWR 323820	20.17 0.55 0.00	17.84 0.14 0.00	16.87 0.12 0.00	16.78 0.15 0.00	16.99 0.23 0.00	17.90 0.35 0.00	21.15 0.77 -0.01	23.01 0.67 0.00	23.84 0.69 -0.06	24.00 0.79 -0.07	25.79 1.10 -0.17	27.65 1.40 -0.24	28.73 1.59 -0.27	29.99 1.60 -0.34	31.32 1.69 -0.39	32.22 1.66 -0.41	37.02 1.77 -0.58	40.67 1.68 -0.71	39.10 1.97 -0.65	35.93 1.69 -0.53	31.60 1.35 -0.36	29.79 1.30 -0.25	25.59 1.05 -0.11	23.30 1.04 -0.07
ELBRIDGE_115KV_TB2 80188	19.66 0.04 0.00	17.63 -0.07 0.00	16.67 -0.08 0.00	16.57 -0.07 0.00	16.71 -0.05 0.00	17.51 -0.04 0.00	20.37 0.00 0.00	22.27 -0.07 0.00	23.25 -0.12 -0.27	23.40 -0.05 -0.31	25.30 0.02 -0.76	27.17 0.08 -1.08	28.18 0.08 -1.23	29.63 0.06 -1.52	31.16 0.15 -1.77	32.26 0.15 -1.95	37.72 0.17 -2.87	42.04 0.19 -3.58	39.98 0.26 -3.24	36.54 0.17 -2.65	31.84 0.15 -1.80	29.59 0.11 -1.23	25.03 0.05 -0.55	22.59 0.04 -0.36
ELEC_TRO_TEK 24086	21.23 1.61 0.00	19.10 1.40 0.00	18.03 1.27 0.00	17.80 1.16 0.00	17.84 1.09 0.00	18.79 1.25 0.00	22.03 1.63 -0.03	24.12 1.79 0.00	25.12 2.03 0.00	25.22 2.08 0.00	26.77 2.26 0.00	29.35 2.21 -1.14	30.85 2.31 -1.66	31.38 2.44 -0.89	32.04 2.57 -0.23	33.11 2.56 -0.40	38.42 3.02 -0.72	41.97 3.37 -0.33	39.41 2.92 0.00	36.35 2.63 0.00	32.17 2.27 0.00	31.58 2.12 -1.22	27.72 2.03 -1.26	24.09 1.91 0.00
ELLENBURG_WT_PWR 323604	19.68 0.06 0.00	17.92 0.21 0.00	16.94 0.18 0.00	16.86 0.23 0.00	17.02 0.27 0.00	17.83 0.28 0.00	20.47 0.10 0.00	22.67 0.34 0.00	23.50 0.42 0.00	23.49 0.35 0.00	24.74 0.22 0.00	26.24 0.23 0.00	27.20 0.32 0.00	28.39 0.34 0.00	29.59 0.35 0.00	30.52 0.36 0.00	35.20 0.52 0.00	38.81 0.54 0.00	37.11 0.62 0.00	34.29 0.57 0.00	30.40 0.51 0.00	28.59 0.34 0.00	24.73 0.29 0.00	22.38 0.20 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	19.70 0.08 0.00	17.30 -0.41 0.00	16.34 -0.42 0.00	16.23 -0.40 0.00	16.47 -0.28 0.00	17.34 -0.21 0.00	20.19 -0.18 -0.01	22.31 -0.02 0.00	23.04 -0.05 0.00	23.35 0.21 0.00	25.01 0.49 0.00	26.68 0.68 0.00	27.95 1.07 0.00	28.95 0.90 0.00	30.35 1.11 0.00	31.21 1.06 0.00	35.72 1.04 0.00	38.77 0.50 0.00	37.55 1.06 0.00	34.36 0.64 0.00	30.46 0.57 0.00	28.70 0.45 0.00	24.87 0.44 0.00	22.72 0.53 0.00
EMPIRE_CC_1 323656	20.32 0.71 0.00	18.36 0.66 0.00	17.38 0.62 0.00	17.21 0.58 0.00	17.34 0.59 0.00	18.14 0.60 0.00	21.12 0.71 -0.04	22.94 0.60 0.00	23.69 0.60 0.00	23.79 0.65 0.00	25.23 0.71 0.00	26.63 0.62 0.00	27.52 0.64 0.00	28.49 0.65 0.22	29.47 0.64 0.40	30.19 0.69 0.65	34.14 0.73 1.26	38.58 0.88 0.58	37.22 0.73 0.00	34.46 0.74 0.00	30.67 0.78 0.00	29.04 0.79 0.00	25.07 0.63 0.00	22.96 0.78 0.00
EMPIRE_CC_2 323658	20.32 0.71 0.00	18.36 0.66 0.00	17.38 0.62 0.00	17.21 0.58 0.00	17.34 0.59 0.00	18.14 0.60 0.00	21.12 0.71 -0.04	22.94 0.60 0.00	23.69 0.60 0.00	23.79 0.65 0.00	25.23 0.71 0.00	26.63 0.62 0.00	27.52 0.64 0.00	28.49 0.65 0.22	29.47 0.64 0.40	30.19 0.69 0.65	34.14 0.73 1.26	38.58 0.88 0.58	37.22 0.73 0.00	34.46 0.74 0.00	30.67 0.78 0.00	29.04 0.79 0.00	25.07 0.63 0.00	22.96 0.78 0.00
ENORWICH_115KV_TB1 80156	21.05 1.43 0.00	18.80 1.10 0.00	17.78 1.02 0.00	17.66 1.03 0.00	17.76 1.01 0.00	18.70 1.16 0.00	21.74 1.36 -0.01	23.88 1.54 0.00	24.65 1.45 -0.11	24.79 1.50 -0.15	26.77 1.89 -0.36	28.74 2.21 -0.52	29.45 1.99 -0.59	30.97 2.19 -0.73	32.34 2.25 -0.85	33.14 2.20 -0.79	38.46 2.74 -1.05	42.79 3.21 -1.30	41.13 3.47 -1.18	38.06 3.37 -0.96	33.45 2.90 -0.65	31.26 2.57 -0.45	26.76 2.13 -0.20	24.16 1.84 -0.13

ERIE_ST__34_KV_TB1-2 80199	19.82 0.20 0.00	17.42 -0.28 0.00	16.44 -0.32 0.00	16.32 -0.32 0.00	16.59 -0.17 0.00	17.46 -0.09 0.00	20.37 0.00 -0.01	22.51 0.18 0.00	22.95 -0.14 0.00	23.28 0.14 0.00	24.98 0.47 0.00	26.68 0.68 0.00	28.00 1.13 0.00	29.01 0.95 0.00	30.43 1.20 0.00	31.36 1.21 0.00	35.86 1.18 0.00	38.92 0.65 0.00	37.69 1.20 0.00	34.39 0.67 0.00	30.43 0.54 0.00	28.64 0.40 0.00	24.80 0.37 0.00	22.58 0.40 0.00
ERIE_WT_PWR 323693	19.80 0.18 0.00	17.39 -0.32 0.00	16.44 -0.32 0.00	16.35 -0.28 0.00	16.56 -0.20 0.00	17.44 -0.10 0.00	20.76 0.39 -0.01	22.40 0.07 0.00	23.20 0.12 0.00	23.42 0.28 0.00	25.10 0.59 0.00	26.94 0.93 0.00	28.08 1.21 0.00	29.21 1.15 0.00	30.49 1.26 0.00	31.36 1.21 0.00	35.82 1.14 0.00	39.00 0.73 0.00	37.66 1.17 0.00	34.66 0.94 0.00	30.55 0.66 0.00	28.84 0.59 0.00	24.99 0.56 0.00	22.78 0.60 0.00
ESPRGFLD_115KV_TB1 80157	21.09 1.47 0.00	18.91 1.20 0.00	17.89 1.14 0.00	17.78 1.15 0.00	17.91 1.16 0.00	18.81 1.26 0.00	21.95 1.59 0.01	24.08 1.74 0.00	24.84 1.75 0.00	24.76 1.62 0.00	26.33 1.81 0.00	27.96 1.95 0.00	28.83 1.96 0.00	30.08 2.08 0.06	31.35 2.22 0.10	32.43 2.44 0.17	37.21 2.84 0.31	41.38 3.25 0.14	39.77 3.28 0.00	36.82 3.10 0.00	32.65 2.75 0.00	30.79 2.54 0.00	26.53 2.10 0.00	24.05 1.86 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	20.15 0.53 0.00	18.04 0.34 0.00	17.04 0.28 0.00	16.95 0.32 0.00	17.09 0.34 0.00	17.93 0.39 0.00	20.86 0.49 -0.01	22.85 0.51 0.00	23.70 0.46 -0.15	23.85 0.53 -0.18	25.63 0.69 -0.43	27.43 0.81 -0.61	28.35 0.78 -0.70	29.73 0.81 -0.86	31.09 0.85 -1.01	32.13 0.90 -1.07	37.27 1.08 -1.52	41.39 1.22 -1.89	39.59 1.39 -1.71	36.37 1.25 -1.40	31.92 1.08 -0.95	29.86 0.96 -0.65	25.46 0.73 -0.29	23.04 0.67 -0.19
ETNA____115KV_TB2 80207	20.15 0.53 0.00	18.04 0.34 0.00	17.04 0.28 0.00	16.95 0.32 0.00	17.09 0.34 0.00	17.93 0.39 0.00	20.86 0.49 -0.01	22.85 0.51 0.00	23.70 0.46 -0.15	23.85 0.53 -0.18	25.63 0.69 -0.43	27.43 0.81 -0.61	28.35 0.78 -0.70	29.73 0.81 -0.86	31.09 0.85 -1.01	32.13 0.90 -1.07	37.27 1.08 -1.52	41.39 1.22 -1.89	39.59 1.39 -1.71	36.37 1.25 -1.40	31.92 1.08 -0.95	29.86 0.96 -0.65	25.46 0.73 -0.29	23.04 0.67 -0.19
EUCLID__115KV_TB2 356179	19.48 -0.14 0.00	17.49 -0.21 0.00	16.54 -0.22 0.00	16.42 -0.22 0.00	16.55 -0.20 0.00	17.35 -0.19 0.00	20.19 -0.18 0.00	22.07 -0.27 0.00	22.90 -0.30 -0.11	23.02 -0.25 -0.13	24.64 -0.20 -0.32	26.31 -0.16 -0.46	27.23 -0.16 -0.52	28.50 -0.20 -0.64	29.81 -0.18 -0.75	30.80 -0.18 -0.82	35.68 -0.21 -1.21	39.50 -0.27 -1.49	37.69 -0.15 -1.35	34.66 -0.17 -1.11	30.47 -0.18 -0.75	28.59 -0.17 -0.51	24.47 -0.20 -0.23	22.16 -0.18 -0.15
E_CANADA_CAP_HY 24051	21.50 1.88 0.00	19.30 1.59 0.00	18.28 1.52 0.00	18.13 1.50 0.00	18.28 1.52 0.00	19.20 1.65 0.00	22.45 2.04 -0.05	24.53 2.19 0.00	25.26 2.17 0.00	25.25 2.11 0.00	26.72 2.21 0.00	28.30 2.29 0.00	29.21 2.34 0.00	30.45 2.47 0.08	31.84 2.75 0.14	32.84 2.92 0.24	37.59 3.36 0.45	41.97 3.91 0.21	40.43 3.94 0.00	37.46 3.74 0.00	33.30 3.41 0.00	31.46 3.22 0.00	27.05 2.62 0.00	24.49 2.31 0.00
E_CANADA_MHWK_HY 24050	19.23 -0.39 0.00	17.33 -0.37 0.00	16.44 -0.32 0.00	16.33 -0.30 0.00	16.44 -0.32 0.00	17.23 -0.32 0.00	20.00 -0.37 0.00	21.96 -0.38 0.00	22.74 -0.35 0.00	22.82 -0.32 0.00	24.17 -0.34 0.00	25.67 -0.34 0.00	26.52 -0.35 0.00	27.78 -0.28 0.00	28.85 -0.38 0.00	29.79 -0.36 0.00	34.23 -0.45 0.00	37.81 -0.46 0.00	36.05 -0.44 0.00	33.32 -0.40 0.00	29.45 -0.45 0.00	27.85 -0.40 0.00	24.04 -0.39 0.00	21.83 -0.36 0.00
E_FISHKILL__LBMP 23776	20.76 1.14 0.00	18.70 0.99 0.00	17.68 0.92 0.00	17.51 0.88 0.00	17.61 0.85 0.00	18.44 0.89 0.00	21.66 1.26 -0.03	23.63 1.30 0.00	24.47 1.39 0.00	24.53 1.39 0.00	26.09 1.57 0.00	27.57 1.56 0.00	28.48 1.61 0.00	29.90 1.71 -0.13	31.20 1.72 -0.24	32.26 1.72 -0.39	37.40 1.98 -0.74	40.83 2.22 -0.34	38.35 1.86 0.00	35.47 1.75 0.00	31.45 1.55 0.00	29.77 1.53 0.00	25.82 1.39 0.00	23.49 1.31 0.00
FALCON__SEABRD_CC1 323796	19.91 0.29 0.00	18.13 0.42 0.00	17.12 0.37 0.00	17.05 0.42 0.00	17.22 0.47 0.00	18.04 0.49 0.00	20.71 0.35 0.00	22.96 0.62 0.00	23.81 0.72 0.00	23.76 0.63 0.00	25.03 0.52 0.00	26.55 0.55 0.00	27.52 0.64 0.00	28.73 0.67 0.00	29.97 0.73 0.00	30.91 0.75 0.00	35.65 0.97 0.00	39.30 1.03 0.00	37.62 1.13 0.00	34.77 1.05 0.00	30.82 0.93 0.00	28.95 0.71 0.00	25.02 0.59 0.00	22.67 0.49 0.00
FALCON__SEABRD_CC2 323797	19.91 0.29 0.00	18.13 0.42 0.00	17.12 0.37 0.00	17.05 0.42 0.00	17.22 0.47 0.00	18.04 0.49 0.00	20.71 0.35 0.00	22.96 0.62 0.00	23.81 0.72 0.00	23.76 0.63 0.00	25.03 0.52 0.00	26.55 0.55 0.00	27.52 0.64 0.00	28.73 0.67 0.00	29.97 0.73 0.00	30.91 0.75 0.00	35.65 0.97 0.00	39.30 1.03 0.00	37.62 1.13 0.00	34.77 1.05 0.00	30.82 0.93 0.00	28.95 0.71 0.00	25.02 0.59 0.00	22.67 0.49 0.00
FAR ROCKAWAY__4 23548	21.48 1.86 0.00	19.33 1.63 0.00	18.23 1.47 0.00	17.98 1.35 0.00	18.01 1.26 0.00	18.99 1.44 0.00	22.25 1.85 -0.03	24.41 2.08 0.00	25.42 2.33 0.00	25.52 2.38 0.00	27.12 2.60 0.00	29.69 2.55 -1.14	31.20 2.66 -1.66	31.78 2.83 -0.89	32.45 2.98 -0.23	33.57 3.02 -0.40	38.97 3.57 -0.72	42.58 3.98 -0.33	39.99 3.50 0.00	36.85 3.14 0.00	32.65 2.75 0.00	32.01 2.54 -1.22	28.06 2.37 -1.26	24.43 2.24 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	21.01 1.39 0.00	18.93 1.22 0.00	17.88 1.12 0.00	17.71 1.08 0.00	17.79 1.04 0.00	18.65 1.11 0.00	21.90 1.51 -0.03	23.97 1.63 0.00	24.89 1.80 0.00	24.92 1.78 0.00	26.53 2.01 0.00	28.04 2.03 0.00	28.99 2.12 0.00	30.48 2.30 -0.12	31.72 2.25 -0.23	32.79 2.26 -0.38	38.00 2.60 -0.72	41.51 2.91 -0.33	38.93 2.44 0.00	35.91 2.19 0.00	31.78 1.88 0.00	30.11 1.86 0.00	26.19 1.76 0.00	23.74 1.55 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	21.01 1.39 0.00	18.93 1.22 0.00	17.88 1.12 0.00	17.71 1.08 0.00	17.79 1.04 0.00	18.65 1.11 0.00	21.90 1.51 -0.03	23.97 1.63 0.00	24.87 1.78 0.00	24.92 1.78 0.00	26.53 2.01 0.00	28.04 2.03 0.00	28.99 2.12 0.00	30.48 2.30 -0.12	31.72 2.25 -0.23	32.79 2.26 -0.38	38.00 2.60 -0.72	41.51 2.91 -0.33	38.93 2.44 0.00	35.91 2.19 0.00	31.78 1.88 0.00	30.11 1.86 0.00	26.19 1.76 0.00	23.76 1.58 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	21.01 1.39 0.00	18.93 1.22 0.00	17.88 1.12 0.00	17.70 1.06 0.00	17.78 1.02 0.00	18.63 1.09 0.00	21.90 1.51 -0.03	23.94 1.61 0.00	24.87 1.78 0.00	24.90 1.76 0.00	26.50 1.99 0.00	28.04 2.03 0.00	28.97 2.10 0.00	30.45 2.27 -0.12	31.72 2.25 -0.23	32.76 2.23 -0.38	37.97 2.57 -0.72	41.47 2.87 -0.33	38.90 2.41 0.00	35.88 2.16 0.00	31.75 1.85 0.00	30.08 1.84 0.00	26.17 1.73 0.00	23.74 1.55 0.00

FARRAGUT___LBMP 323566	20.99 1.37 0.00	18.91 1.20 0.00	17.86 1.11 0.00	17.70 1.06 0.00	17.78 1.02 0.00	18.63 1.09 0.00	21.88 1.49 -0.03	23.92 1.59 0.00	24.84 1.75 0.00	24.88 1.74 0.00	26.48 1.96 0.00	28.01 2.00 0.00	28.94 2.07 0.00	30.43 2.24 -0.12	31.69 2.22 -0.23	32.73 2.20 -0.38	37.93 2.53 -0.72	41.43 2.83 -0.33	38.86 2.37 0.00	35.84 2.12 0.00	31.72 1.82 0.00	30.05 1.81 0.00	26.17 1.73 0.00	23.72 1.53 0.00
FENNER___WINDPWR 24204	20.03 0.41 0.00	17.99 0.28 0.00	17.02 0.27 0.00	16.90 0.27 0.00	17.01 0.25 0.00	17.86 0.32 0.00	20.82 0.45 0.00	22.81 0.47 0.00	23.59 0.44 -0.06	23.65 0.44 -0.07	25.25 0.56 -0.17	27.00 0.75 -0.24	27.78 0.64 -0.27	29.12 0.73 -0.33	30.38 0.76 -0.39	31.36 0.78 -0.42	36.73 0.94 -1.11	40.74 1.07 -1.40	38.92 1.17 -1.26	35.87 1.11 -1.04	31.50 0.90 -0.70	29.52 0.79 -0.48	25.28 0.63 -0.21	22.86 0.53 -0.14
FIBERTEK___ENERGY 23856	19.70 0.08 0.00	17.67 -0.04 0.00	16.71 -0.05 0.00	16.60 -0.03 0.00	16.74 -0.02 0.00	17.55 0.00 0.00	20.39 0.02 0.00	22.29 -0.04 0.00	23.28 -0.07 -0.26	23.43 0.00 -0.29	25.28 0.05 -0.71	27.16 0.13 -1.02	28.16 0.13 -1.16	29.60 0.11 -1.43	31.11 0.20 -1.67	32.20 0.21 -1.84	37.66 0.28 -2.70	41.90 0.27 -3.36	39.90 0.36 -3.04	36.48 0.27 -2.49	31.80 0.21 -1.69	29.57 0.17 -1.16	25.04 0.10 -0.52	22.61 0.09 -0.34
FITZPATRICK____ 23598	19.19 -0.43 0.00	17.24 -0.46 0.00	16.32 -0.44 0.00	16.20 -0.43 0.00	16.34 -0.42 0.00	17.11 -0.44 0.00	19.94 -0.43 0.00	21.78 -0.56 0.00	21.13 -0.58 1.38	20.96 -0.65 1.54	20.12 -0.64 3.76	20.00 -0.62 5.38	20.11 -0.65 6.12	19.85 -0.67 7.53	19.71 -0.70 8.82	19.66 -0.72 9.77	19.41 -0.83 14.44	19.24 -0.92 18.11	19.27 -0.84 16.38	19.53 -0.77 13.41	20.08 -0.72 9.10	21.32 -0.68 6.24	21.05 -0.61 2.77	19.81 -0.55 1.82
FLOWRFLD_69_KV_BK1 356044	21.48 1.86 0.00	19.37 1.66 0.00	18.25 1.49 0.00	17.98 1.35 0.00	17.98 1.22 0.00	19.00 1.46 0.00	22.21 1.81 -0.03	24.26 1.92 0.00	25.31 2.22 0.00	25.45 2.31 0.00	27.07 2.55 0.00	29.72 2.57 -1.14	31.25 2.71 -1.66	31.86 2.92 -0.89	32.45 2.98 -0.23	33.57 3.02 -0.40	38.97 3.57 -0.72	42.70 4.09 -0.33	40.10 3.61 0.00	37.06 3.34 0.00	32.62 2.72 0.00	32.20 2.74 -1.22	28.28 2.59 -1.26	24.54 2.35 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	20.95 1.33 0.00	18.85 1.15 0.00	17.83 1.07 0.00	17.68 1.05 0.00	17.78 1.02 0.00	18.62 1.07 0.00	21.86 1.47 -0.03	23.83 1.50 0.00	24.68 1.59 0.00	24.74 1.60 0.00	26.28 1.77 0.00	27.80 1.79 0.00	28.75 1.88 0.00	30.17 2.02 -0.10	31.43 2.02 -0.18	32.47 2.02 -0.29	37.63 2.39 -0.56	41.28 2.76 -0.26	38.82 2.34 0.00	35.84 2.12 0.00	31.78 1.88 0.00	30.14 1.89 0.00	26.12 1.69 0.00	23.76 1.58 0.00
FORT ORANGE____ 23900	20.29 0.67 0.00	18.34 0.64 0.00	17.38 0.62 0.00	17.23 0.60 0.00	17.34 0.59 0.00	18.12 0.58 0.00	21.14 0.73 -0.04	23.07 0.74 0.00	23.78 0.69 0.00	23.86 0.72 0.00	25.30 0.78 0.00	26.74 0.73 0.00	27.65 0.78 0.00	28.79 0.84 0.11	29.88 0.85 0.20	30.73 0.90 0.32	35.09 1.04 0.63	39.21 1.22 0.29	37.58 1.09 0.00	34.73 1.01 0.00	30.88 0.99 0.00	29.23 0.99 0.00	25.21 0.78 0.00	22.96 0.78 0.00
FORT_DRUM_COGEN 23780	20.01 0.39 0.00	17.99 0.28 0.00	17.02 0.27 0.00	16.90 0.27 0.00	16.99 0.23 0.00	17.86 0.32 0.00	20.61 0.24 0.00	22.54 0.20 0.00	23.33 0.09 -0.15	23.41 0.14 -0.14	25.14 0.29 -0.33	27.11 0.62 -0.47	27.73 0.32 -0.54	29.14 0.42 -0.66	30.07 0.06 -0.78	31.13 0.12 -0.85	36.40 0.45 -1.27	40.76 0.50 -2.00	39.17 0.88 -1.81	36.38 1.18 -1.48	31.89 0.99 -1.00	29.78 0.85 -0.69	25.45 0.71 -0.31	22.92 0.53 -0.20
FPL_FAR_ROCK_GT1 24212	21.48 1.86 0.00	19.33 1.63 0.00	18.16 1.41 0.00	17.95 1.31 0.00	18.01 1.26 0.00	18.99 1.44 0.00	22.15 1.75 -0.03	24.35 2.01 0.00	25.28 2.19 0.00	25.53 2.38 -0.01	27.12 2.60 -0.01	29.67 2.52 -1.14	31.20 2.66 -1.66	31.75 2.81 -0.89	32.46 2.98 -0.24	33.57 3.02 -0.40	39.02 3.61 -0.73	42.66 4.05 -0.34	40.08 3.58 -0.01	36.83 3.10 -0.01	32.69 2.78 -0.01	32.01 2.54 -1.22	28.06 2.37 -1.26	24.43 2.24 -0.01
FPL_FAR_ROCK_GT2 23815	21.48 1.86 0.00	19.33 1.63 0.00	18.16 1.41 0.00	17.95 1.31 0.00	18.01 1.26 0.00	18.99 1.44 0.00	22.15 1.75 -0.03	24.35 2.01 0.00	25.28 2.19 0.00	25.53 2.38 -0.01	27.12 2.60 -0.01	29.67 2.52 -1.14	31.20 2.66 -1.66	31.75 2.81 -0.89	32.46 2.98 -0.24	33.57 3.02 -0.40	39.02 3.61 -0.73	42.66 4.05 -0.34	40.08 3.58 -0.01	36.83 3.10 -0.01	32.69 2.78 -0.01	32.01 2.54 -1.22	28.06 2.37 -1.26	24.43 2.24 -0.01
FRANKLIN_FALL_HYD 24054	19.66 0.04 0.00	17.90 0.19 0.00	16.91 0.15 0.00	16.81 0.18 0.00	16.99 0.23 0.00	17.81 0.26 0.00	20.41 0.04 0.00	22.60 0.27 0.00	23.46 0.37 0.00	23.39 0.25 0.00	24.64 0.12 0.00	26.16 0.16 0.00	27.09 0.21 0.00	28.31 0.25 0.00	29.50 0.26 0.00	30.43 0.27 0.00	35.06 0.38 0.00	38.65 0.38 0.00	37.00 0.51 0.00	34.22 0.51 0.00	30.35 0.45 0.00	28.53 0.28 0.00	24.68 0.24 0.00	22.36 0.18 0.00
FREEPORT_EQUS_GT1 23764	21.39 1.77 0.00	19.24 1.54 0.00	18.10 1.34 0.00	17.86 1.23 0.00	17.95 1.19 0.00	18.92 1.37 0.00	22.07 1.67 -0.03	24.23 1.90 0.00	25.19 2.10 0.00	25.44 2.29 -0.01	27.00 2.48 -0.01	29.59 2.44 -1.14	31.12 2.58 -1.66	31.64 2.69 -0.89	32.31 2.83 -0.24	33.42 2.87 -0.40	38.78 3.36 -0.73	42.44 3.83 -0.34	39.85 3.35 -0.01	36.69 2.97 -0.01	32.50 2.60 -0.01	31.86 2.40 -1.22	27.99 2.30 -1.26	24.34 2.15 -0.01
FREEPORT___CT2 23818	21.39 1.77 0.00	19.24 1.54 0.00	18.10 1.34 0.00	17.86 1.23 0.00	17.95 1.19 0.00	18.92 1.37 0.00	22.07 1.67 -0.03	24.23 1.90 0.00	25.19 2.10 0.00	25.44 2.29 -0.01	27.00 2.48 -0.01	29.59 2.44 -1.14	31.12 2.58 -1.66	31.64 2.69 -0.89	32.31 2.83 -0.24	33.42 2.87 -0.40	38.78 3.36 -0.73	42.44 3.83 -0.34	39.85 3.35 -0.01	36.69 2.97 -0.01	32.50 2.60 -0.01	31.86 2.40 -1.22	27.99 2.30 -1.26	24.34 2.15 -0.01
FRESHKLS_33_KV_LOAD 356253	21.14 1.51 -0.01	19.00 1.29 0.00	17.93 1.17 0.00	17.75 1.11 0.00	17.81 1.06 0.00	18.58 1.04 0.00	21.80 1.41 -0.03	23.79 1.45 0.00	24.72 1.64 0.01	24.75 1.62 0.01	26.40 1.89 0.00	27.93 1.92 0.00	28.91 2.04 0.00	30.48 2.30 -0.12	31.65 2.19 -0.22	32.72 2.20 -0.37	38.10 2.70 -0.71	41.61 3.02 -0.32	39.04 2.55 0.01	35.97 2.26 0.01	31.65 1.76 0.01	30.19 1.95 0.00	26.31 1.88 0.00	23.83 1.64 0.00
FULTON COGEN____ 23766	19.40 -0.22 0.00	17.42 -0.28 0.00	16.47 -0.28 0.00	16.37 -0.27 0.00	16.49 -0.27 0.00	17.28 -0.26 0.00	20.08 -0.29 0.00	21.96 -0.38 0.00	23.12 -0.44 -0.47	23.28 -0.39 -0.53	25.45 -0.37 -1.30	27.56 -0.31 -1.86	28.64 -0.35 -2.12	30.27 -0.39 -2.61	31.94 -0.35 -3.05	33.16 -0.36 -3.37	39.27 -0.38 -4.97	44.01 -0.46 -6.20	41.77 -0.33 -5.61	37.98 -0.34 -4.59	32.71 -0.30 -3.12	30.07 -0.31 -2.14	25.06 -0.32 -0.95	22.52 -0.29 -0.62



FULTON___LFGE 323630	21.76 2.14 0.00	19.53 1.82 0.00	18.50 1.74 0.00	18.38 1.75 0.00	18.53 1.78 0.00	19.44 1.90 0.00	22.67 2.26 -0.05	24.75 2.41 0.00	25.45 2.36 0.00	25.34 2.20 0.00	26.94 2.43 0.00	28.45 2.44 0.00	29.40 2.53 0.00	30.58 2.61 0.09	31.82 2.75 0.16	32.88 2.99 0.26	37.81 3.64 0.51	42.36 4.32 0.23	40.98 4.49 0.00	38.07 4.35 0.00	33.87 3.98 0.00	31.97 3.73 0.00	27.49 3.05 0.00	24.87 2.68 0.00
G.F.CEMENT___DRP 24184	20.97 1.35 0.00	18.84 1.13 0.00	17.84 1.09 0.00	17.71 1.08 0.00	17.83 1.07 0.00	18.67 1.12 0.00	21.87 1.47 -0.04	23.83 1.50 0.00	24.68 1.59 0.00	24.62 1.48 0.00	25.99 1.47 0.00	27.44 1.43 0.00	28.35 1.48 0.00	29.32 1.40 0.13	30.36 1.37 0.25	31.28 1.54 0.41	35.73 1.84 0.79	40.13 2.22 0.36	38.86 2.37 0.00	36.25 2.53 0.00	32.29 2.39 0.00	30.51 2.26 0.00	26.17 1.73 0.00	23.76 1.58 0.00
GARDENVILLE___LBMP 24039	19.74 0.12 0.00	17.33 -0.37 0.00	16.37 -0.39 0.00	16.27 -0.37 0.00	16.52 -0.23 0.00	17.39 -0.16 0.00	20.25 -0.12 -0.01	22.38 0.04 0.00	23.07 -0.02 0.00	23.39 0.25 0.00	25.06 0.54 0.00	26.74 0.73 0.00	28.00 1.13 0.00	29.01 0.95 0.00	30.40 1.17 0.00	31.30 1.15 0.00	35.79 1.11 0.00	38.88 0.61 0.00	37.62 1.13 0.00	34.46 0.74 0.00	30.52 0.63 0.00	28.75 0.51 0.00	24.92 0.49 0.00	22.74 0.55 0.00
GARDNVLA_35_KV_LD 355827	19.82 0.20 0.00	17.40 -0.30 0.00	16.44 -0.32 0.00	16.33 -0.30 0.00	16.59 -0.17 0.00	17.46 -0.09 0.00	20.33 -0.04 -0.01	22.49 0.16 0.00	23.16 0.07 0.00	23.46 0.32 0.00	25.15 0.64 0.00	26.87 0.86 0.00	28.16 1.29 0.00	29.18 1.12 0.00	30.58 1.34 0.00	31.51 1.36 0.00	36.03 1.35 0.00	39.11 0.84 0.00	37.88 1.39 0.00	34.63 0.91 0.00	30.67 0.78 0.00	28.92 0.68 0.00	25.04 0.61 0.00	22.85 0.67 0.00
GELCKHM___115KV_LOAD 80723	19.56 -0.06 0.00	17.54 -0.16 0.00	16.60 -0.15 0.00	16.48 -0.15 0.00	16.62 -0.13 0.00	17.42 -0.12 0.00	20.27 -0.10 0.00	22.16 -0.18 0.00	23.05 -0.21 -0.17	23.17 -0.16 -0.19	24.88 -0.10 -0.46	26.62 -0.05 -0.66	27.57 -0.05 -0.75	28.90 -0.08 -0.93	30.29 -0.03 -1.09	31.32 -0.03 -1.19	36.40 -0.03 -1.75	40.41 -0.04 -2.17	38.49 0.04 -1.97	35.33 0.00 -1.61	30.96 -0.03 -1.09	28.94 -0.06 -0.75	24.67 -0.10 -0.33	22.32 -0.09 -0.22
GENERAL___MILLS 23808	19.78 0.16 0.00	17.39 -0.32 0.00	16.40 -0.35 0.00	16.30 -0.33 0.00	16.55 -0.20 0.00	17.42 -0.12 0.00	20.31 -0.06 -0.01	22.45 0.11 0.00	23.11 0.02 0.00	23.42 0.28 0.00	25.11 0.59 0.00	26.79 0.78 0.00	28.05 1.18 0.00	29.07 1.01 0.00	30.46 1.23 0.00	31.36 1.21 0.00	35.89 1.21 0.00	38.96 0.69 0.00	37.73 1.24 0.00	34.49 0.78 0.00	30.58 0.69 0.00	28.81 0.56 0.00	24.97 0.54 0.00	22.78 0.60 0.00
GE_PLASTICS___DRP 24183	20.29 0.67 0.00	18.32 0.62 0.00	17.36 0.60 0.00	17.21 0.58 0.00	17.33 0.57 0.00	18.11 0.56 0.00	21.18 0.77 -0.04	23.07 0.74 0.00	23.85 0.76 0.00	23.86 0.72 0.00	25.33 0.81 0.00	26.79 0.78 0.00	27.65 0.78 0.00	28.84 0.87 0.09	29.92 0.85 0.16	30.77 0.87 0.26	35.14 0.97 0.51	39.19 1.15 0.23	37.44 0.95 0.00	34.66 0.94 0.00	30.79 0.90 0.00	29.15 0.90 0.00	25.16 0.73 0.00	22.94 0.75 0.00
GILBOA___1 23756	20.35 0.73 0.00	18.32 0.62 0.00	17.39 0.64 0.00	17.25 0.62 0.00	17.36 0.60 0.00	18.12 0.58 0.00	21.15 0.75 -0.03	23.10 0.76 0.00	23.85 0.76 0.00	23.95 0.81 0.00	25.45 0.93 0.00	26.92 0.91 0.00	27.84 0.97 0.00	29.07 1.01 0.00	30.26 1.02 0.00	31.21 1.05 0.00	35.79 1.11 0.00	39.46 1.19 0.00	37.51 1.02 0.00	34.77 1.05 0.00	30.85 0.96 0.00	29.23 0.99 0.00	25.29 0.85 0.00	23.03 0.84 0.00
GILBOA___2 23757	20.35 0.73 0.00	18.32 0.62 0.00	17.39 0.64 0.00	17.25 0.62 0.00	17.36 0.60 0.00	18.12 0.58 0.00	21.15 0.75 -0.03	23.10 0.76 0.00	23.85 0.76 0.00	23.95 0.81 0.00	25.45 0.93 0.00	26.92 0.91 0.00	27.84 0.97 0.00	29.07 1.01 0.00	30.26 1.02 0.00	31.21 1.05 0.00	35.79 1.11 0.00	39.46 1.19 0.00	37.51 1.02 0.00	34.77 1.05 0.00	30.85 0.96 0.00	29.23 0.99 0.00	25.29 0.85 0.00	23.03 0.84 0.00
GILBOA___3 23758	20.35 0.73 0.00	18.32 0.62 0.00	17.39 0.64 0.00	17.25 0.62 0.00	17.36 0.60 0.00	18.12 0.58 0.00	21.15 0.75 -0.03	23.10 0.76 0.00	23.85 0.76 0.00	23.95 0.81 0.00	25.45 0.93 0.00	26.92 0.91 0.00	27.84 0.97 0.00	29.07 1.01 0.00	30.26 1.02 0.00	31.21 1.05 0.00	35.79 1.11 0.00	39.46 1.19 0.00	37.51 1.02 0.00	34.77 1.05 0.00	30.85 0.96 0.00	29.23 0.99 0.00	25.29 0.85 0.00	23.03 0.84 0.00
GILBOA___4 23759	20.35 0.73 0.00	18.32 0.62 0.00	17.39 0.64 0.00	17.25 0.62 0.00	17.36 0.60 0.00	18.12 0.58 0.00	21.15 0.75 -0.03	23.10 0.76 0.00	23.85 0.76 0.00	23.95 0.81 0.00	25.45 0.93 0.00	26.92 0.91 0.00	27.84 0.97 0.00	29.07 1.01 0.00	30.26 1.02 0.00	31.21 1.05 0.00	35.79 1.11 0.00	39.46 1.19 0.00	37.51 1.02 0.00	34.77 1.05 0.00	30.85 0.96 0.00	29.23 0.99 0.00	25.29 0.85 0.00	23.03 0.84 0.00
GILBOA___ 23599	20.35 0.73 0.00	18.32 0.62 0.00	17.39 0.64 0.00	17.25 0.62 0.00	17.36 0.60 0.00	18.13 0.58 0.00	21.19 0.79 -0.03	23.14 0.80 0.00	23.92 0.83 0.00	23.95 0.81 0.00	25.45 0.93 0.00	26.94 0.94 0.00	27.84 0.97 0.00	29.07 1.01 0.00	30.26 1.02 0.00	31.21 1.06 0.00	35.79 1.11 0.00	39.53 1.26 0.00	37.58 1.09 0.00	34.76 1.05 0.00	30.85 0.96 0.00	29.23 0.99 0.00	25.29 0.86 0.00	23.03 0.84 0.00
GINNA___ 23603	18.62 -1.00 0.00	16.57 -1.13 0.00	15.68 -1.07 0.00	15.60 -1.03 0.00	15.73 -1.02 0.00	16.53 -1.02 0.00	19.47 -0.90 0.00	21.22 -1.12 0.00	21.96 -1.13 0.00	22.19 -0.95 0.00	23.66 -0.86 0.00	25.20 -0.81 0.00	26.15 -0.72 0.00	27.27 -0.79 0.00	28.51 -0.73 0.00	29.37 -0.78 0.00	33.78 -0.90 0.00	37.04 -1.23 0.00	35.65 -0.84 0.00	32.94 -0.77 0.00	29.06 -0.84 0.00	27.43 -0.82 0.00	23.65 -0.78 0.00	21.47 -0.71 0.00
GLEN PARK___ 23778	20.11 0.49 0.00	18.04 0.34 0.00	17.07 0.32 0.00	16.95 0.32 0.00	17.04 0.28 0.00	17.93 0.39 0.00	20.71 0.35 0.00	22.65 0.31 0.00	23.45 0.21 -0.16	23.60 0.32 -0.14	25.37 0.52 -0.34	27.46 0.96 -0.49	28.01 0.59 -0.55	29.47 0.73 -0.68	30.32 0.29 -0.80	31.42 0.39 -0.88	36.78 0.80 -1.31	41.01 0.65 -2.09	39.47 1.09 -1.89	36.71 1.45 -1.55	32.17 1.23 -1.05	30.01 1.05 -0.72	25.63 0.88 -0.32	23.06 0.66 -0.21
GLENDALE_27_KV_LOAD 356172	21.16 1.53 -0.01	19.05 1.35 0.00	18.00 1.24 0.00	17.81 1.18 0.00	17.89 1.14 0.00	18.72 1.18 0.00	21.99 1.59 -0.03	24.06 1.72 0.00	24.98 1.89 0.00	25.01 1.87 0.00	26.65 2.13 0.00	28.19 2.18 0.00	29.16 2.28 0.00	30.71 2.53 -0.12	31.89 2.43 -0.23	32.97 2.44 -0.38	38.28 2.88 -0.72	41.81 3.21 -0.33	39.19 2.70 0.00	36.15 2.43 0.00	31.90 2.00 0.00	30.31 2.06 0.00	26.41 1.98 0.00	23.89 1.71 0.00

GLENWOOD_IC_1_G5 23712	21.21 1.59 0.00	19.08 1.38 0.00	18.01 1.26 0.00	17.80 1.16 0.00	17.86 1.11 0.00	18.79 1.25 0.00	22.05 1.65 -0.03	24.12 1.79 0.00	25.10 2.01 0.00	25.18 2.04 0.00	26.80 2.28 0.00	29.43 2.29 -1.14	30.93 2.39 -1.66	31.50 2.55 -0.89	32.10 2.63 -0.23	33.21 2.65 -0.40	38.21 2.81 -0.72	41.74 3.14 -0.33	39.19 2.70 0.00	36.38 2.66 0.00	32.23 2.33 0.00	31.67 2.20 -1.22	27.72 2.03 -1.26	24.07 1.89 0.00
GLENWOOD_IC_2_G1 23688	21.09 1.47 0.00	18.98 1.28 0.00	17.90 1.14 0.00	17.71 1.08 0.00	17.79 1.04 0.00	18.69 1.14 0.00	21.82 1.43 -0.03	23.92 1.59 0.00	24.80 1.71 0.00	25.02 1.87 -0.01	26.61 2.08 -0.01	29.22 2.08 -1.14	30.71 2.18 -1.66	31.24 2.30 -0.89	31.84 2.37 -0.24	32.96 2.41 -0.40	38.19 2.78 -0.73	41.75 3.14 -0.34	39.20 2.70 -0.01	36.16 2.43 -0.01	32.03 2.12 -0.01	31.47 2.01 -1.22	27.55 1.86 -1.26	23.90 1.71 -0.01
GLENWOOD_IC_3_G1 23689	21.09 1.47 0.00	18.98 1.28 0.00	17.90 1.14 0.00	17.71 1.08 0.00	17.79 1.04 0.00	18.69 1.14 0.00	21.82 1.43 -0.03	23.92 1.59 0.00	24.80 1.71 0.00	25.02 1.87 -0.01	26.61 2.08 -0.01	29.22 2.08 -1.14	30.71 2.18 -1.66	31.24 2.30 -0.89	31.84 2.37 -0.24	32.96 2.41 -0.40	38.19 2.78 -0.73	41.75 3.14 -0.34	39.20 2.70 -0.01	36.16 2.43 -0.01	32.03 2.12 -0.01	31.47 2.01 -1.22	27.55 1.86 -1.26	23.90 1.71 -0.01
GLENWOOD___4 23550	21.21 1.59 0.00	19.08 1.38 0.00	18.01 1.26 0.00	17.80 1.16 0.00	17.86 1.11 0.00	18.79 1.25 0.00	22.05 1.65 -0.03	24.12 1.79 0.00	25.10 2.01 0.00	25.18 2.04 0.00	26.80 2.28 0.00	29.43 2.29 -1.14	30.93 2.39 -1.66	31.50 2.55 -0.89	32.10 2.63 -0.23	33.21 2.65 -0.40	38.31 2.91 -0.72	41.85 3.25 -0.33	39.26 2.77 0.00	36.38 2.66 0.00	32.23 2.33 0.00	31.67 2.20 -1.22	27.72 2.03 -1.26	24.07 1.89 0.00
GLENWOOD___5 23614	21.21 1.59 0.00	19.08 1.38 0.00	18.01 1.26 0.00	17.80 1.16 0.00	17.86 1.11 0.00	18.79 1.25 0.00	22.05 1.65 -0.03	24.12 1.79 0.00	25.10 2.01 0.00	25.18 2.04 0.00	26.80 2.28 0.00	29.43 2.29 -1.14	30.93 2.39 -1.66	31.50 2.55 -0.89	32.10 2.63 -0.23	33.21 2.65 -0.40	38.31 2.91 -0.72	41.85 3.25 -0.33	39.26 2.77 0.00	36.38 2.66 0.00	32.23 2.33 0.00	31.67 2.20 -1.22	27.72 2.03 -1.26	24.07 1.89 0.00
GLOBAL GREEN_PORT_GT1 23814	21.93 2.31 0.00	19.81 2.11 0.00	18.53 1.78 0.00	18.28 1.65 0.00	18.31 1.56 0.00	19.39 1.84 0.00	22.56 2.16 -0.03	24.81 2.48 0.00	25.86 2.77 0.00	26.18 3.03 -0.01	27.88 3.36 -0.01	30.58 3.43 -1.14	32.14 3.60 -1.66	32.79 3.84 -0.89	33.36 3.89 -0.24	34.53 3.98 -0.40	40.13 4.72 -0.73	44.04 5.43 -0.34	41.35 4.85 -0.01	38.11 4.38 -0.01	33.52 3.62 -0.01	33.00 3.53 -1.22	28.92 3.22 -1.26	25.08 2.88 -0.01
GLOBE___DSASP 323697	19.13 -0.49 0.00	16.75 -0.96 0.00	15.83 -0.92 0.00	15.73 -0.90 0.00	15.97 -0.79 0.00	16.79 -0.75 0.00	19.54 -0.84 -0.01	21.58 -0.76 0.00	22.40 -0.69 0.00	22.70 -0.44 0.00	24.25 -0.27 0.00	25.83 -0.18 0.00	27.03 0.16 0.00	28.00 -0.06 0.00	29.29 0.06 0.00	30.12 -0.03 0.00	34.47 -0.21 0.00	37.47 -0.80 0.00	36.27 -0.22 0.00	33.28 -0.44 0.00	29.54 -0.36 0.00	27.82 -0.42 0.00	24.16 -0.27 0.00	22.12 -0.07 0.00
GOETHSLN___LBMP 323567	20.89 1.28 0.00	18.84 1.13 0.00	17.79 1.04 0.00	17.61 0.98 0.00	17.69 0.94 0.00	18.56 1.02 0.00	21.78 1.38 -0.03	23.83 1.50 0.00	24.73 1.64 0.00	24.78 1.64 0.00	26.38 1.86 0.00	27.88 1.87 0.00	28.81 1.93 0.00	30.29 2.10 -0.12	31.51 2.05 -0.23	32.55 2.02 -0.38	37.69 2.29 -0.72	41.16 2.56 -0.33	38.61 2.12 0.00	35.64 1.92 0.00	31.54 1.64 0.00	29.88 1.64 0.00	26.02 1.59 0.00	23.58 1.40 0.00
GOLAH___69_KV_TB 1_2 80279	19.70 0.08 0.00	17.46 -0.25 0.00	16.49 -0.27 0.00	16.40 -0.23 0.00	16.59 -0.17 0.00	17.44 -0.11 0.00	20.33 -0.04 0.00	22.40 0.07 0.00	23.27 0.18 0.00	23.46 0.32 0.00	24.98 0.47 0.00	26.58 0.57 0.00	27.68 0.81 0.00	28.76 0.70 0.00	30.17 0.94 0.00	31.09 0.93 0.00	35.65 0.97 0.00	38.92 0.65 0.00	37.55 1.06 0.00	34.60 0.88 0.00	30.67 0.78 0.00	28.90 0.65 0.00	24.94 0.51 0.00	22.81 0.62 0.00
GOODYEAR_LAKE_HYD 323669	20.62 1.00 0.00	18.50 0.80 0.00	17.53 0.77 0.00	17.38 0.75 0.00	17.49 0.74 0.00	18.35 0.81 0.00	21.41 1.04 -0.01	23.47 1.14 0.00	24.31 1.18 -0.05	24.16 1.02 0.00	25.72 1.20 0.00	27.33 1.33 0.00	28.19 1.32 0.00	29.46 1.40 0.00	30.73 1.49 0.00	32.20 1.72 -0.33	37.11 1.98 -0.45	41.09 2.26 -0.56	39.22 2.23 -0.51	36.19 2.06 -0.41	31.97 1.79 -0.28	30.10 1.67 -0.19	25.93 1.42 -0.09	23.53 1.29 -0.06
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	19.99 0.37 0.00	17.88 0.18 0.00	16.91 0.15 0.00	16.78 0.15 0.00	16.94 0.18 0.00	17.76 0.21 0.00	20.72 0.35 -0.01	22.72 0.38 0.00	23.54 0.35 -0.10	23.70 0.44 -0.12	25.45 0.64 -0.30	27.17 0.73 -0.43	28.19 0.83 -0.49	29.44 0.79 -0.60	30.82 0.88 -0.70	31.76 0.87 -0.73	36.62 0.90 -1.04	40.44 0.88 -1.29	38.64 0.99 -1.17	35.49 0.81 -0.96	31.23 0.69 -0.65	29.31 0.62 -0.45	25.17 0.54 -0.20	22.85 0.53 -0.13
GOUDEY___7 23579	20.01 0.39 0.00	17.90 0.19 0.00	16.91 0.15 0.00	16.80 0.17 0.00	16.96 0.20 0.00	17.77 0.23 0.00	20.74 0.37 -0.01	22.74 0.40 0.00	23.56 0.37 -0.10	23.73 0.46 -0.12	25.48 0.66 -0.30	27.22 0.78 -0.43	28.22 0.86 -0.49	29.50 0.84 -0.60	30.87 0.94 -0.70	31.79 0.90 -0.73	36.65 0.94 -1.04	40.52 0.96 -1.29	38.68 1.02 -1.17	35.52 0.84 -0.96	31.26 0.72 -0.65	29.34 0.65 -0.45	25.19 0.56 -0.20	22.87 0.55 -0.13
GOUDEY___8 23580	19.99 0.37 0.00	17.88 0.18 0.00	16.91 0.15 0.00	16.78 0.15 0.00	16.94 0.18 0.00	17.76 0.21 0.00	20.72 0.35 -0.01	22.72 0.38 0.00	23.54 0.35 -0.10	23.70 0.44 -0.12	25.45 0.64 -0.30	27.17 0.73 -0.43	28.19 0.83 -0.49	29.44 0.79 -0.60	30.82 0.88 -0.70	31.76 0.87 -0.73	36.62 0.90 -1.04	40.44 0.88 -1.29	38.64 0.99 -1.17	35.49 0.81 -0.96	31.23 0.69 -0.65	29.31 0.62 -0.45	25.17 0.54 -0.20	22.85 0.53 -0.13
GOWANUS_GT1_1 24077	21.18 1.55 -0.01	19.03 1.33 0.00	17.98 1.22 0.00	17.78 1.15 0.00	17.86 1.11 0.00	18.65 1.11 0.00	21.90 1.51 -0.03	23.94 1.61 0.00	24.87 1.78 0.00	24.90 1.76 0.00	26.55 2.03 0.00	28.09 2.08 0.00	29.05 2.18 0.00	30.62 2.44 -0.12	31.81 2.34 -0.23	32.88 2.35 -0.38	38.24 2.84 -0.72	41.78 3.18 -0.33	39.19 2.70 0.00	36.11 2.39 0.00	31.81 1.91 0.00	30.28 2.03 0.00	26.39 1.95 0.00	23.87 1.69 0.00
GOWANUS_GT1_2 24078	21.18 1.55 -0.01	19.03 1.33 0.00	17.98 1.22 0.00	17.78 1.15 0.00	17.86 1.11 0.00	18.65 1.11 0.00	21.90 1.51 -0.03	23.94 1.61 0.00	24.87 1.78 0.00	24.90 1.76 0.00	26.55 2.03 0.00	28.09 2.08 0.00	29.05 2.18 0.00	30.62 2.44 -0.12	31.81 2.34 -0.23	32.88 2.35 -0.38	38.24 2.84 -0.72	41.78 3.18 -0.33	39.19 2.70 0.00	36.11 2.39 0.00	31.81 1.91 0.00	30.28 2.03 0.00	26.39 1.95 0.00	23.87 1.69 0.00

GOWANUS_GT1_3 24079	21.18 1.55 -0.01	19.03 1.33 0.00	17.98 1.22 0.00	17.78 1.15 0.00	17.86 1.11 0.00	18.65 1.11 0.00	21.90 1.51 -0.03	23.94 1.61 0.00	24.87 1.78 0.00	24.90 1.76 0.00	26.55 2.03 0.00	28.09 2.08 0.00	29.05 2.18 0.00	30.62 2.44 -0.12	31.81 2.34 -0.23	32.88 2.35 -0.38	38.24 2.84 -0.72	41.78 3.18 -0.33	39.19 2.70 0.00	36.11 2.39 0.00	31.81 1.91 0.00	30.28 2.03 0.00	26.39 1.95 0.00	23.87 1.69 0.00
GOWANUS_GT1_4 24080	21.18 1.55 -0.01	19.03 1.33 0.00	17.98 1.22 0.00	17.78 1.15 0.00	17.86 1.11 0.00	18.65 1.11 0.00	21.90 1.51 -0.03	23.94 1.61 0.00	24.87 1.78 0.00	24.90 1.76 0.00	26.55 2.03 0.00	28.09 2.08 0.00	29.05 2.18 0.00	30.62 2.44 -0.12	31.81 2.34 -0.23	32.88 2.35 -0.38	38.24 2.84 -0.72	41.78 3.18 -0.33	39.19 2.70 0.00	36.11 2.39 0.00	31.81 1.91 0.00	30.28 2.03 0.00	26.39 1.95 0.00	23.87 1.69 0.00
GOWANUS_GT1_5 24084	21.18 1.55 -0.01	19.03 1.33 0.00	17.98 1.22 0.00	17.78 1.15 0.00	17.86 1.11 0.00	18.65 1.11 0.00	21.90 1.51 -0.03	23.94 1.61 0.00	24.87 1.78 0.00	24.90 1.76 0.00	26.55 2.03 0.00	28.09 2.08 0.00	29.05 2.18 0.00	30.62 2.44 -0.12	31.81 2.34 -0.23	32.88 2.35 -0.38	38.24 2.84 -0.72	41.78 3.18 -0.33	39.19 2.70 0.00	36.11 2.39 0.00	31.81 1.91 0.00	30.28 2.03 0.00	26.39 1.95 0.00	23.87 1.69 0.00
GOWANUS_GT1_6 24111	21.18 1.55 -0.01	19.03 1.33 0.00	17.98 1.22 0.00	17.78 1.15 0.00	17.86 1.11 0.00	18.65 1.11 0.00	21.90 1.51 -0.03	23.94 1.61 0.00	24.87 1.78 0.00	24.90 1.76 0.00	26.55 2.03 0.00	28.09 2.08 0.00	29.05 2.18 0.00	30.62 2.44 -0.12	31.81 2.34 -0.23	32.88 2.35 -0.38	38.24 2.84 -0.72	41.78 3.18 -0.33	39.19 2.70 0.00	36.11 2.39 0.00	31.81 1.91 0.00	30.28 2.03 0.00	26.39 1.95 0.00	23.87 1.69 0.00
GOWANUS_GT1_7 24112	21.18 1.55 -0.01	19.03 1.33 0.00	17.98 1.22 0.00	17.78 1.15 0.00	17.86 1.11 0.00	18.65 1.11 0.00	21.90 1.51 -0.03	23.94 1.61 0.00	24.87 1.78 0.00	24.90 1.76 0.00	26.55 2.03 0.00	28.09 2.08 0.00	29.05 2.18 0.00	30.62 2.44 -0.12	31.81 2.34 -0.23	32.88 2.35 -0.38	38.24 2.84 -0.72	41.78 3.18 -0.33	39.19 2.70 0.00	36.11 2.39 0.00	31.81 1.91 0.00	30.28 2.03 0.00	26.39 1.95 0.00	23.87 1.69 0.00
GOWANUS_GT1_8 24113	21.18 1.55 -0.01	19.03 1.33 0.00	17.98 1.22 0.00	17.78 1.15 0.00	17.86 1.11 0.00	18.65 1.11 0.00	21.90 1.51 -0.03	23.94 1.61 0.00	24.87 1.78 0.00	24.90 1.76 0.00	26.55 2.03 0.00	28.09 2.08 0.00	29.05 2.18 0.00	30.62 2.44 -0.12	31.81 2.34 -0.23	32.88 2.35 -0.38	38.24 2.84 -0.72	41.78 3.18 -0.33	39.19 2.70 0.00	36.11 2.39 0.00	31.81 1.91 0.00	30.28 2.03 0.00	26.39 1.95 0.00	23.87 1.69 0.00
GOWANUS_GT2_1 24114	21.18 1.55 -0.01	19.03 1.33 0.00	17.96 1.21 0.00	17.78 1.15 0.00	17.86 1.11 0.00	18.65 1.11 0.00	21.78 1.39 -0.03	23.88 1.54 0.00	24.73 1.64 0.00	24.90 1.76 0.00	26.55 2.03 0.00	28.09 2.08 0.00	29.05 2.18 0.00	30.57 2.38 -0.12	31.81 2.34 -0.23	32.91 2.38 -0.38	38.28 2.88 -0.73	41.85 3.25 -0.33	39.23 2.74 0.00	36.08 2.36 0.00	31.84 1.94 0.00	30.28 2.03 0.00	26.39 1.96 0.00	23.87 1.69 0.00
GOWANUS_GT2_2 24115	21.18 1.55 -0.01	19.03 1.33 0.00	17.96 1.21 0.00	17.78 1.15 0.00	17.86 1.11 0.00	18.65 1.11 0.00	21.78 1.39 -0.03	23.88 1.54 0.00	24.73 1.64 0.00	24.90 1.76 0.00	26.55 2.03 0.00	28.09 2.08 0.00	29.05 2.18 0.00	30.57 2.38 -0.12	31.81 2.34 -0.23	32.91 2.38 -0.38	38.28 2.88 -0.73	41.85 3.25 -0.33	39.23 2.74 0.00	36.08 2.36 0.00	31.84 1.94 0.00	30.28 2.03 0.00	26.39 1.96 0.00	23.87 1.69 0.00
GOWANUS_GT2_3 24116	21.18 1.55 -0.01	19.03 1.33 0.00	17.96 1.21 0.00	17.78 1.15 0.00	17.86 1.11 0.00	18.65 1.11 0.00	21.78 1.39 -0.03	23.88 1.54 0.00	24.73 1.64 0.00	24.90 1.76 0.00	26.55 2.03 0.00	28.09 2.08 0.00	29.05 2.18 0.00	30.57 2.38 -0.12	31.81 2.34 -0.23	32.91 2.38 -0.38	38.28 2.88 -0.73	41.85 3.25 -0.33	39.23 2.74 0.00	36.08 2.36 0.00	31.84 1.94 0.00	30.28 2.03 0.00	26.39 1.96 0.00	23.87 1.69 0.00
GOWANUS_GT2_4 24117	21.18 1.55 -0.01	19.03 1.33 0.00	17.96 1.21 0.00	17.78 1.15 0.00	17.86 1.11 0.00	18.65 1.11 0.00	21.78 1.39 -0.03	23.88 1.54 0.00	24.73 1.64 0.00	24.90 1.76 0.00	26.55 2.03 0.00	28.09 2.08 0.00	29.05 2.18 0.00	30.57 2.38 -0.12	31.81 2.34 -0.23	32.91 2.38 -0.38	38.28 2.88 -0.73	41.85 3.25 -0.33	39.23 2.74 0.00	36.08 2.36 0.00	31.84 1.94 0.00	30.28 2.03 0.00	26.39 1.96 0.00	23.87 1.69 0.00
GOWANUS_GT2_5 24118	21.18 1.55 -0.01	19.03 1.33 0.00	17.96 1.21 0.00	17.78 1.15 0.00	17.86 1.11 0.00	18.65 1.11 0.00	21.78 1.39 -0.03	23.88 1.54 0.00	24.73 1.64 0.00	24.90 1.76 0.00	26.55 2.03 0.00	28.09 2.08 0.00	29.05 2.18 0.00	30.57 2.38 -0.12	31.81 2.34 -0.23	32.91 2.38 -0.38	38.28 2.88 -0.73	41.85 3.25 -0.33	39.23 2.74 0.00	36.08 2.36 0.00	31.84 1.94 0.00	30.28 2.03 0.00	26.39 1.96 0.00	23.87 1.69 0.00
GOWANUS_GT2_6 24119	21.18 1.55 -0.01	19.03 1.33 0.00	17.96 1.21 0.00	17.78 1.15 0.00	17.86 1.11 0.00	18.65 1.11 0.00	21.78 1.39 -0.03	23.88 1.54 0.00	24.73 1.64 0.00	24.90 1.76 0.00	26.55 2.03 0.00	28.09 2.08 0.00	29.05 2.18 0.00	30.57 2.38 -0.12	31.81 2.34 -0.23	32.91 2.38 -0.38	38.28 2.88 -0.73	41.85 3.25 -0.33	39.23 2.74 0.00	36.08 2.36 0.00	31.84 1.94 0.00	30.28 2.03 0.00	26.39 1.96 0.00	23.87 1.69 0.00
GOWANUS_GT2_7 24120	21.18 1.55 -0.01	19.03 1.33 0.00	17.96 1.21 0.00	17.78 1.15 0.00	17.86 1.11 0.00	18.65 1.11 0.00	21.78 1.39 -0.03	23.88 1.54 0.00	24.73 1.64 0.00	24.90 1.76 0.00	26.55 2.03 0.00	28.09 2.08 0.00	29.05 2.18 0.00	30.57 2.38 -0.12	31.81 2.34 -0.23	32.91 2.38 -0.38	38.28 2.88 -0.73	41.85 3.25 -0.33	39.23 2.74 0.00	36.08 2.36 0.00	31.84 1.94 0.00	30.28 2.03 0.00	26.39 1.96 0.00	23.87 1.69 0.00
GOWANUS_GT2_8 24121	21.18 1.55 -0.01	19.03 1.33 0.00	17.96 1.21 0.00	17.78 1.15 0.00	17.86 1.11 0.00	18.65 1.11 0.00	21.78 1.39 -0.03	23.88 1.54 0.00	24.73 1.64 0.00	24.90 1.76 0.00	26.55 2.03 0.00	28.09 2.08 0.00	29.05 2.18 0.00	30.57 2.38 -0.12	31.81 2.34 -0.23	32.91 2.38 -0.38	38.28 2.88 -0.73	41.85 3.25 -0.33	39.23 2.74 0.00	36.08 2.36 0.00	31.84 1.94 0.00	30.28 2.03 0.00	26.39 1.96 0.00	23.87 1.69 0.00
GOWANUS_GT3_1 24122	21.18 1.55 -0.01	19.03 1.33 0.00	17.96 1.21 0.00	17.78 1.15 0.00	17.86 1.11 0.00	18.65 1.11 0.00	21.78 1.39 -0.03	23.88 1.54 0.00	24.73 1.64 0.00	24.90 1.76 0.00	26.55 2.03 0.00	28.09 2.08 0.00	29.05 2.18 0.00	30.57 2.38 -0.12	31.81 2.34 -0.23	32.91 2.38 -0.38	38.28 2.88 -0.73	41.85 3.25 -0.33	39.23 2.74 0.00	36.08 2.36 0.00	31.84 1.94 0.00	30.28 2.03 0.00	26.39 1.96 0.00	23.87 1.69 0.00

GOWANUS_GT3_2 24123	21.18 1.55 -0.01	19.03 1.33 0.00	17.96 1.21 0.00	17.78 1.15 0.00	17.86 1.11 0.00	18.65 1.11 0.00	21.78 1.39 -0.03	23.88 1.54 0.00	24.73 1.64 0.00	24.90 1.76 0.00	26.55 2.03 0.00	28.09 2.08 0.00	29.05 2.18 0.00	30.57 2.38 -0.12	31.81 2.34 -0.23	32.91 2.38 -0.38	38.28 2.88 -0.73	41.85 3.25 -0.33	39.23 2.74 0.00	36.08 2.36 0.00	31.84 1.94 0.00	30.28 2.03 0.00	26.39 1.96 0.00	23.87 1.69 0.00
GOWANUS_GT3_3 24124	21.18 1.55 -0.01	19.03 1.33 0.00	17.96 1.21 0.00	17.78 1.15 0.00	17.86 1.11 0.00	18.65 1.11 0.00	21.78 1.39 -0.03	23.88 1.54 0.00	24.73 1.64 0.00	24.90 1.76 0.00	26.55 2.03 0.00	28.09 2.08 0.00	29.05 2.18 0.00	30.57 2.38 -0.12	31.81 2.34 -0.23	32.91 2.38 -0.38	38.28 2.88 -0.73	41.85 3.25 -0.33	39.23 2.74 0.00	36.08 2.36 0.00	31.84 1.94 0.00	30.28 2.03 0.00	26.39 1.96 0.00	23.87 1.69 0.00
GOWANUS_GT3_4 24125	21.18 1.55 -0.01	19.03 1.33 0.00	17.96 1.21 0.00	17.78 1.15 0.00	17.86 1.11 0.00	18.65 1.11 0.00	21.78 1.39 -0.03	23.88 1.54 0.00	24.73 1.64 0.00	24.90 1.76 0.00	26.55 2.03 0.00	28.09 2.08 0.00	29.05 2.18 0.00	30.57 2.38 -0.12	31.81 2.34 -0.23	32.91 2.38 -0.38	38.28 2.88 -0.73	41.85 3.25 -0.33	39.23 2.74 0.00	36.08 2.36 0.00	31.84 1.94 0.00	30.28 2.03 0.00	26.39 1.96 0.00	23.87 1.69 0.00
GOWANUS_GT3_5 24126	21.18 1.55 -0.01	19.03 1.33 0.00	17.96 1.21 0.00	17.78 1.15 0.00	17.86 1.11 0.00	18.65 1.11 0.00	21.78 1.39 -0.03	23.88 1.54 0.00	24.73 1.64 0.00	24.90 1.76 0.00	26.55 2.03 0.00	28.09 2.08 0.00	29.05 2.18 0.00	30.57 2.38 -0.12	31.81 2.34 -0.23	32.91 2.38 -0.38	38.28 2.88 -0.73	41.85 3.25 -0.33	39.23 2.74 0.00	36.08 2.36 0.00	31.84 1.94 0.00	30.28 2.03 0.00	26.39 1.96 0.00	23.87 1.69 0.00
GOWANUS_GT3_6 24127	21.18 1.55 -0.01	19.03 1.33 0.00	17.96 1.21 0.00	17.78 1.15 0.00	17.86 1.11 0.00	18.65 1.11 0.00	21.78 1.39 -0.03	23.88 1.54 0.00	24.73 1.64 0.00	24.90 1.76 0.00	26.55 2.03 0.00	28.09 2.08 0.00	29.05 2.18 0.00	30.57 2.38 -0.12	31.81 2.34 -0.23	32.91 2.38 -0.38	38.28 2.88 -0.73	41.85 3.25 -0.33	39.23 2.74 0.00	36.08 2.36 0.00	31.84 1.94 0.00	30.28 2.03 0.00	26.39 1.96 0.00	23.87 1.69 0.00
GOWANUS_GT3_7 24128	21.18 1.55 -0.01	19.03 1.33 0.00	17.96 1.21 0.00	17.78 1.15 0.00	17.86 1.11 0.00	18.65 1.11 0.00	21.78 1.39 -0.03	23.88 1.54 0.00	24.73 1.64 0.00	24.90 1.76 0.00	26.55 2.03 0.00	28.09 2.08 0.00	29.05 2.18 0.00	30.57 2.38 -0.12	31.81 2.34 -0.23	32.91 2.38 -0.38	38.28 2.88 -0.73	41.85 3.25 -0.33	39.23 2.74 0.00	36.08 2.36 0.00	31.84 1.94 0.00	30.28 2.03 0.00	26.39 1.96 0.00	23.87 1.69 0.00
GOWANUS_GT3_8 24129	21.18 1.55 -0.01	19.03 1.33 0.00	17.96 1.21 0.00	17.78 1.15 0.00	17.86 1.11 0.00	18.65 1.11 0.00	21.78 1.39 -0.03	23.88 1.54 0.00	24.73 1.64 0.00	24.90 1.76 0.00	26.55 2.03 0.00	28.09 2.08 0.00	29.05 2.18 0.00	30.57 2.38 -0.12	31.81 2.34 -0.23	32.91 2.38 -0.38	38.28 2.88 -0.73	41.85 3.25 -0.33	39.23 2.74 0.00	36.08 2.36 0.00	31.84 1.94 0.00	30.28 2.03 0.00	26.39 1.96 0.00	23.87 1.69 0.00
GOWANUS_GT4_1 24130	21.18 1.55 -0.01	19.03 1.33 0.00	17.98 1.22 0.00	17.78 1.15 0.00	17.86 1.11 0.00	18.65 1.11 0.00	21.90 1.51 -0.03	23.94 1.61 0.00	24.87 1.78 0.00	24.90 1.76 0.00	26.55 2.03 0.00	28.09 2.08 0.00	29.05 2.18 0.00	30.62 2.44 -0.12	31.81 2.34 -0.23	32.88 2.35 -0.38	38.24 2.84 -0.72	41.78 3.18 -0.33	39.19 2.70 0.00	36.11 2.39 0.00	31.81 1.91 0.00	30.28 2.03 0.00	26.39 1.95 0.00	23.87 1.69 0.00
GOWANUS_GT4_2 24131	21.18 1.55 -0.01	19.03 1.33 0.00	17.98 1.22 0.00	17.78 1.15 0.00	17.86 1.11 0.00	18.65 1.11 0.00	21.90 1.51 -0.03	23.94 1.61 0.00	24.87 1.78 0.00	24.90 1.76 0.00	26.55 2.03 0.00	28.09 2.08 0.00	29.05 2.18 0.00	30.62 2.44 -0.12	31.81 2.34 -0.23	32.88 2.35 -0.38	38.24 2.84 -0.72	41.78 3.18 -0.33	39.19 2.70 0.00	36.11 2.39 0.00	31.81 1.91 0.00	30.28 2.03 0.00	26.39 1.95 0.00	23.87 1.69 0.00
GOWANUS_GT4_3 24132	21.18 1.55 -0.01	19.03 1.33 0.00	17.98 1.22 0.00	17.78 1.15 0.00	17.86 1.11 0.00	18.65 1.11 0.00	21.90 1.51 -0.03	23.94 1.61 0.00	24.87 1.78 0.00	24.90 1.76 0.00	26.55 2.03 0.00	28.09 2.08 0.00	29.05 2.18 0.00	30.62 2.44 -0.12	31.81 2.34 -0.23	32.88 2.35 -0.38	38.24 2.84 -0.72	41.78 3.18 -0.33	39.19 2.70 0.00	36.11 2.39 0.00	31.81 1.91 0.00	30.28 2.03 0.00	26.39 1.95 0.00	23.87 1.69 0.00
GOWANUS_GT4_4 24133	21.18 1.55 -0.01	19.03 1.33 0.00	17.98 1.22 0.00	17.78 1.15 0.00	17.86 1.11 0.00	18.65 1.11 0.00	21.90 1.51 -0.03	23.94 1.61 0.00	24.87 1.78 0.00	24.90 1.76 0.00	26.55 2.03 0.00	28.09 2.08 0.00	29.05 2.18 0.00	30.62 2.44 -0.12	31.81 2.34 -0.23	32.88 2.35 -0.38	38.24 2.84 -0.72	41.78 3.18 -0.33	39.19 2.70 0.00	36.11 2.39 0.00	31.81 1.91 0.00	30.28 2.03 0.00	26.39 1.95 0.00	23.87 1.69 0.00
GOWANUS_GT4_5 24134	21.18 1.55 -0.01	19.03 1.33 0.00	17.98 1.22 0.00	17.78 1.15 0.00	17.86 1.11 0.00	18.65 1.11 0.00	21.90 1.51 -0.03	23.94 1.61 0.00	24.87 1.78 0.00	24.90 1.76 0.00	26.55 2.03 0.00	28.09 2.08 0.00	29.05 2.18 0.00	30.62 2.44 -0.12	31.81 2.34 -0.23	32.88 2.35 -0.38	38.24 2.84 -0.72	41.78 3.18 -0.33	39.19 2.70 0.00	36.11 2.39 0.00	31.81 1.91 0.00	30.28 2.03 0.00	26.39 1.95 0.00	23.87 1.69 0.00
GOWANUS_GT4_6 24135	21.18 1.55 -0.01	19.03 1.33 0.00	17.98 1.22 0.00	17.78 1.15 0.00	17.86 1.11 0.00	18.65 1.11 0.00	21.90 1.51 -0.03	23.94 1.61 0.00	24.87 1.78 0.00	24.90 1.76 0.00	26.55 2.03 0.00	28.09 2.08 0.00	29.05 2.18 0.00	30.62 2.44 -0.12	31.81 2.34 -0.23	32.88 2.35 -0.38	38.24 2.84 -0.72	41.78 3.18 -0.33	39.19 2.70 0.00	36.11 2.39 0.00	31.81 1.91 0.00	30.28 2.03 0.00	26.39 1.95 0.00	23.87 1.69 0.00
GOWANUS_GT4_7 24136	21.18 1.55 -0.01	19.03 1.33 0.00	17.98 1.22 0.00	17.78 1.15 0.00	17.86 1.11 0.00	18.65 1.11 0.00	21.90 1.51 -0.03	23.94 1.61 0.00	24.87 1.78 0.00	24.90 1.76 0.00	26.55 2.03 0.00	28.09 2.08 0.00	29.05 2.18 0.00	30.62 2.44 -0.12	31.81 2.34 -0.23	32.88 2.35 -0.38	38.24 2.84 -0.72	41.78 3.18 -0.33	39.19 2.70 0.00	36.11 2.39 0.00	31.81 1.91 0.00	30.28 2.03 0.00	26.39 1.95 0.00	23.87 1.69 0.00
GOWANUS_GT4_8 24137	21.18 1.55 -0.01	19.03 1.33 0.00	17.98 1.22 0.00	17.78 1.15 0.00	17.86 1.11 0.00	18.65 1.11 0.00	21.90 1.51 -0.03	23.94 1.61 0.00	24.87 1.78 0.00	24.90 1.76 0.00	26.55 2.03 0.00	28.09 2.08 0.00	29.05 2.18 0.00	30.62 2.44 -0.12	31.81 2.34 -0.23	32.88 2.35 -0.38	38.24 2.84 -0.72	41.78 3.18 -0.33	39.19 2.70 0.00	36.11 2.39 0.00	31.81 1.91 0.00	30.28 2.03 0.00	26.39 1.95 0.00	23.87 1.69 0.00

GREENBSH_115KV_TB3 55895	20.21 0.59 0.00	18.27 0.57 0.00	17.31 0.55 0.00	17.16 0.53 0.00	17.26 0.50 0.00	18.06 0.51 0.00	21.12 0.71 -0.04	23.01 0.67 0.00	23.76 0.67 0.00	23.76 0.62 0.00	25.20 0.69 0.00	26.66 0.65 0.00	27.54 0.67 0.00	28.67 0.73 0.11	29.72 0.70 0.21	30.56 0.75 0.35	34.84 0.83 0.67	38.96 1.00 0.30	37.29 0.80 0.00	34.53 0.81 0.00	30.67 0.78 0.00	29.04 0.79 0.00	25.07 0.64 0.00	22.85 0.67 0.00
GREENDGE_115KV_TB5 80291	19.99 0.37 0.00	17.79 0.09 0.00	16.81 0.05 0.00	16.72 0.08 0.00	16.91 0.15 0.00	17.76 0.21 0.00	20.72 0.35 -0.01	22.78 0.45 0.00	23.59 0.42 -0.08	23.79 0.56 -0.10	25.52 0.76 -0.24	27.27 0.91 -0.35	28.31 1.05 -0.39	29.55 1.01 -0.49	30.94 1.14 -0.57	31.96 1.21 -0.60	36.93 1.39 -0.86	40.72 1.38 -1.07	39.10 1.64 -0.97	35.83 1.32 -0.79	31.54 1.11 -0.54	29.58 0.96 -0.37	25.33 0.73 -0.16	23.00 0.71 -0.11
GREENIDGE___3 23582	19.99 0.37 0.00	17.79 0.09 0.00	16.81 0.05 0.00	16.72 0.08 0.00	16.91 0.15 0.00	17.76 0.21 0.00	20.72 0.35 -0.01	22.78 0.45 0.00	23.59 0.42 -0.08	23.79 0.56 -0.10	25.52 0.76 -0.24	27.27 0.91 -0.35	28.31 1.05 -0.39	29.55 1.01 -0.49	30.94 1.14 -0.57	31.96 1.21 -0.60	36.93 1.39 -0.86	40.72 1.38 -1.07	39.10 1.64 -0.97	35.83 1.32 -0.79	31.54 1.11 -0.54	29.58 0.96 -0.37	25.33 0.73 -0.16	23.00 0.71 -0.11
GREENIDGE___4 23583	20.01 0.39 0.00	17.79 0.09 0.00	16.82 0.07 0.00	16.73 0.10 0.00	16.91 0.15 0.00	17.76 0.21 0.00	20.88 0.51 -0.01	22.76 0.42 0.00	23.61 0.44 -0.08	23.79 0.55 -0.10	25.52 0.76 -0.24	27.32 0.96 -0.35	28.31 1.05 -0.39	29.61 1.07 -0.49	30.94 1.14 -0.57	31.93 1.17 -0.60	36.86 1.32 -0.86	40.68 1.34 -1.07	39.03 1.57 -0.97	35.86 1.35 -0.79	31.51 1.07 -0.54	29.58 0.96 -0.37	25.33 0.73 -0.16	23.00 0.71 -0.11
GREENLWN_69_KV_BK 3 55738	21.40 1.79 0.00	19.28 1.58 0.00	18.16 1.41 0.00	17.91 1.28 0.00	17.95 1.19 0.00	18.93 1.39 0.00	22.19 1.79 -0.03	24.32 1.99 0.00	25.35 2.26 0.00	25.48 2.34 0.00	27.04 2.53 0.00	29.67 2.52 -1.14	31.20 2.66 -1.66	31.78 2.83 -0.89	32.42 2.95 -0.23	33.54 2.99 -0.40	38.90 3.50 -0.72	42.51 3.90 -0.33	39.92 3.43 -0.01	36.79 3.07 0.00	32.53 2.63 0.00	31.95 2.49 -1.22	28.04 2.35 -1.26	24.38 2.20 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	21.18 1.55 -0.01	19.03 1.33 0.00	17.98 1.22 0.00	17.78 1.15 0.00	17.86 1.11 0.00	18.65 1.11 0.00	21.90 1.51 -0.03	23.94 1.61 0.00	24.87 1.78 0.00	24.90 1.76 0.00	26.55 2.03 0.00	28.09 2.08 0.00	29.05 2.18 0.00	30.62 2.44 -0.12	31.81 2.34 -0.23	32.88 2.35 -0.38	38.24 2.84 -0.72	41.78 3.18 -0.33	39.19 2.70 0.00	36.11 2.39 0.00	31.81 1.91 0.00	30.28 2.03 0.00	26.39 1.95 0.00	23.87 1.69 0.00
GRISSOM___SOLAR 323813	21.76 2.14 0.00	19.53 1.82 0.00	18.50 1.74 0.00	18.38 1.75 0.00	18.53 1.78 0.00	19.44 1.90 0.00	22.67 2.26 -0.05	24.75 2.41 0.00	25.45 2.36 0.00	25.34 2.20 0.00	26.94 2.43 0.00	28.45 2.44 0.00	29.40 2.53 0.00	30.58 2.61 0.09	31.82 2.75 0.16	32.88 2.99 0.26	37.81 3.64 0.51	42.36 4.32 0.23	40.98 4.49 0.00	38.07 4.35 0.00	33.87 3.98 0.00	31.97 3.73 0.00	27.49 3.05 0.00	24.87 2.68 0.00
GROVEVILLE___HYD 323602	20.95 1.33 0.00	18.85 1.15 0.00	17.83 1.07 0.00	17.68 1.05 0.00	17.78 1.02 0.00	18.62 1.07 0.00	21.86 1.47 -0.03	23.83 1.50 0.00	24.68 1.59 0.00	24.74 1.60 0.00	26.28 1.77 0.00	27.80 1.79 0.00	28.75 1.88 0.00	30.17 2.02 -0.10	31.43 2.02 -0.18	32.47 2.02 -0.29	37.63 2.39 -0.56	41.28 2.76 -0.26	38.82 2.34 0.00	35.84 2.12 0.00	31.78 1.88 0.00	30.14 1.89 0.00	26.12 1.69 0.00	23.76 1.58 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	19.70 0.08 0.00	17.67 -0.04 0.00	16.71 -0.05 0.00	16.60 -0.03 0.00	16.74 -0.02 0.00	17.55 0.00 0.00	20.39 0.02 0.00	22.29 -0.04 0.00	23.28 -0.07 -0.26	23.43 0.00 -0.29	25.28 0.05 -0.71	27.16 0.13 -1.02	28.16 0.13 -1.16	29.60 0.11 -1.43	31.11 0.20 -1.67	32.20 0.21 -1.84	37.66 0.28 -2.70	41.90 0.27 -3.36	39.90 0.36 -3.04	36.48 0.27 -2.49	31.80 0.21 -1.69	29.57 0.17 -1.16	25.04 0.10 -0.52	22.61 0.09 -0.34
HAMLTNNY_34_KV_TB 80303	19.78 0.16 0.00	17.74 0.04 0.00	16.76 0.00 0.00	16.65 0.02 0.00	16.81 0.05 0.00	17.62 0.07 0.00	20.47 0.10 0.00	22.40 0.07 0.00	23.40 0.05 -0.26	23.55 0.12 -0.30	25.44 0.20 -0.73	27.34 0.29 -1.05	28.36 0.30 -1.19	29.80 0.28 -1.47	31.33 0.38 -1.72	32.43 0.39 -1.89	37.94 0.49 -2.78	42.23 0.50 -3.46	40.20 0.58 -3.13	36.76 0.47 -2.56	32.03 0.39 -1.74	29.78 0.34 -1.19	25.18 0.22 -0.53	22.73 0.20 -0.35
HAMPSHIRE___PAPER_HYD 323593	19.58 -0.04 0.00	17.70 0.00 0.00	16.74 -0.02 0.00	16.63 0.00 0.00	16.76 0.00 0.00	17.60 0.05 0.00	20.18 -0.18 0.00	22.11 -0.22 0.00	22.90 -0.25 -0.07	22.90 -0.30 -0.06	24.35 -0.32 -0.15	26.04 -0.18 -0.21	26.76 -0.35 -0.24	28.05 -0.31 -0.30	29.09 -0.50 -0.35	30.05 -0.48 -0.38	34.84 -0.41 -0.58	38.67 -0.50 -0.90	37.05 -0.25 -0.81	34.35 -0.03 -0.67	30.29 -0.06 -0.45	28.44 -0.11 -0.31	24.62 0.05 -0.14	22.30 0.02 -0.09
HARDSCRABBLE_WT_PWR 323673	19.25 -0.37 0.00	17.37 -0.34 0.00	16.45 -0.30 0.00	16.35 -0.28 0.00	16.47 -0.28 0.00	17.26 -0.28 0.00	20.04 -0.33 0.00	22.00 -0.33 0.00	22.81 -0.28 0.00	22.89 -0.25 0.00	24.27 -0.25 0.00	25.80 -0.21 0.00	26.63 -0.24 0.00	27.89 -0.17 0.00	28.97 -0.26 0.00	29.91 -0.24 0.00	34.40 -0.28 0.00	37.96 -0.31 0.00	36.20 -0.29 0.00	33.41 -0.30 0.00	29.54 -0.36 0.00	27.91 -0.34 0.00	24.09 -0.34 0.00	21.87 -0.31 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	20.76 1.14 0.00	18.70 0.99 0.00	17.66 0.90 0.00	17.51 0.88 0.00	17.61 0.85 0.00	18.44 0.89 0.00	21.66 1.26 -0.03	23.65 1.32 0.00	24.52 1.43 0.00	24.55 1.41 0.00	26.14 1.62 0.00	27.65 1.64 0.00	28.59 1.72 0.00	30.02 1.85 -0.11	31.28 1.84 -0.20	32.35 1.87 -0.33	37.46 2.15 -0.63	41.04 2.49 -0.29	38.57 2.08 0.00	35.61 1.89 0.00	31.54 1.64 0.00	29.86 1.61 0.00	25.90 1.47 0.00	23.54 1.35 0.00
HARSNRAD_115KV_TB1 81005	19.60 -0.02 0.00	17.17 -0.53 0.00	16.24 -0.52 0.00	16.12 -0.52 0.00	16.37 -0.39 0.00	17.21 -0.33 0.00	19.98 -0.39 0.00	22.09 -0.25 0.00	22.90 -0.18 0.00	23.19 0.05 0.00	24.81 0.29 0.00	26.42 0.42 0.00	27.68 0.81 0.00	28.67 0.62 0.00	30.02 0.79 0.00	30.91 0.75 0.00	35.37 0.69 0.00	38.42 0.15 0.00	37.22 0.73 0.00	34.16 0.44 0.00	30.29 0.39 0.00	28.53 0.28 0.00	24.73 0.29 0.00	22.61 0.42 0.00
HARZA MOOSE___RIVER 24016	19.99 0.37 0.00	17.99 0.28 0.00	17.02 0.27 0.00	16.90 0.27 0.00	16.99 0.23 0.00	17.86 0.32 0.00	20.65 0.29 0.00	22.63 0.29 0.00	23.39 0.25 -0.05	23.44 0.25 -0.05	25.01 0.37 -0.12	26.73 0.55 -0.17	27.47 0.40 -0.20	28.75 0.45 -0.24	29.87 0.35 -0.28	30.86 0.39 -0.31	35.83 0.66 -0.49	39.80 0.80 -0.72	38.09 0.95 -0.65	35.27 1.01 -0.53	31.10 0.84 -0.36	29.23 0.73 -0.25	25.15 0.61 -0.11	22.75 0.49 -0.07

HDSNBRDG_115KV_BRDG_TB1 355580	19.60 -0.02 0.00	17.56 -0.14 0.00	16.62 -0.13 0.00	16.50 -0.13 0.00	16.64 -0.12 0.00	17.44 -0.11 0.00	20.29 -0.08 0.00	22.20 -0.13 0.00	23.04 -0.18 -0.13	23.18 -0.12 -0.15	24.84 -0.05 -0.38	26.57 0.03 -0.54	27.48 0.00 -0.61	28.75 -0.06 -0.75	30.09 -0.03 -0.88	31.12 0.00 -0.97	36.10 0.00 -1.42	39.99 -0.04 -1.76	38.12 0.04 -1.59	34.99 -0.03 -1.31	30.72 -0.06 -0.89	28.82 -0.03 -0.61	24.63 -0.07 -0.27	22.30 -0.07 -0.18
HELLGATE_13_KV_LD 55870	21.10 1.47 -0.01	19.00 1.29 0.00	17.95 1.19 0.00	17.78 1.15 0.00	17.84 1.09 0.00	18.67 1.12 0.00	21.88 1.49 -0.03	23.92 1.59 0.00	24.87 1.78 0.00	24.90 1.76 0.00	26.50 1.99 0.00	28.06 2.05 0.00	29.02 2.15 0.00	30.54 2.36 -0.12	31.72 2.25 -0.23	32.79 2.26 -0.38	38.07 2.67 -0.72	41.55 2.95 -0.33	38.97 2.48 0.00	35.94 2.23 0.00	31.72 1.82 0.00	30.17 1.92 0.00	26.29 1.86 0.00	23.78 1.60 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	21.10 1.47 -0.01	19.00 1.29 0.00	17.95 1.19 0.00	17.78 1.15 0.00	17.84 1.09 0.00	18.67 1.12 0.00	21.88 1.49 -0.03	23.92 1.59 0.00	24.87 1.78 0.00	24.90 1.76 0.00	26.50 1.99 0.00	28.06 2.05 0.00	29.02 2.15 0.00	30.54 2.36 -0.12	31.72 2.25 -0.23	32.79 2.26 -0.38	38.07 2.67 -0.72	41.55 2.95 -0.33	38.97 2.48 0.00	35.94 2.23 0.00	31.72 1.82 0.00	30.17 1.92 0.00	26.29 1.86 0.00	23.78 1.60 0.00
HEMPSTEAD____ 23647	21.23 1.61 0.00	19.10 1.40 0.00	17.98 1.22 0.00	17.76 1.13 0.00	17.83 1.07 0.00	18.79 1.25 0.00	21.93 1.53 -0.03	24.06 1.72 0.00	24.98 1.89 0.00	25.25 2.11 -0.01	26.81 2.28 -0.01	29.38 2.24 -1.14	30.90 2.37 -1.66	31.41 2.47 -0.89	32.08 2.60 -0.24	33.17 2.62 -0.40	38.43 3.02 -0.73	42.06 3.45 -0.34	39.45 2.95 -0.01	36.39 2.66 -0.01	32.24 2.33 -0.01	31.61 2.15 -1.22	27.74 2.05 -1.26	24.12 1.93 -0.01
HEWLETT__69_KV_BK3 55828	21.40 1.79 0.00	19.24 1.54 0.00	18.15 1.39 0.00	17.91 1.28 0.00	17.95 1.19 0.00	18.92 1.37 0.00	22.17 1.77 -0.03	24.30 1.97 0.00	25.31 2.22 0.00	25.43 2.29 0.00	26.99 2.48 0.00	29.56 2.42 -1.14	31.06 2.53 -1.66	31.64 2.69 -0.89	32.30 2.84 -0.23	33.42 2.86 -0.40	38.76 3.36 -0.72	42.39 3.79 -0.33	39.81 3.32 0.00	36.65 2.93 0.00	32.47 2.57 0.00	31.87 2.40 -1.22	27.94 2.25 -1.26	24.34 2.15 0.00
HICKLING__1 23621	20.19 0.57 0.00	17.95 0.25 0.00	16.94 0.18 0.00	16.85 0.22 0.00	17.04 0.28 0.00	17.90 0.35 0.00	20.90 0.53 -0.01	23.27 0.94 0.00	24.02 0.85 -0.08	24.25 1.02 -0.10	26.10 1.35 -0.24	27.91 1.56 -0.34	29.03 1.77 -0.39	30.24 1.71 -0.48	31.69 1.90 -0.56	32.73 1.99 -0.59	37.66 2.15 -0.83	41.45 2.14 -1.04	39.80 2.37 -0.94	36.44 1.96 -0.77	32.09 1.67 -0.52	30.04 1.44 -0.36	25.79 1.20 -0.16	23.47 1.18 -0.10
HICKLING__2 23622	20.19 0.57 0.00	17.95 0.25 0.00	16.94 0.18 0.00	16.85 0.22 0.00	17.04 0.28 0.00	17.90 0.35 0.00	20.90 0.53 -0.01	23.27 0.94 0.00	24.02 0.85 -0.08	24.25 1.02 -0.10	26.10 1.35 -0.24	27.91 1.56 -0.34	29.03 1.77 -0.39	30.24 1.71 -0.48	31.69 1.90 -0.56	32.73 1.99 -0.59	37.66 2.15 -0.83	41.45 2.14 -1.04	39.80 2.37 -0.94	36.44 1.96 -0.77	32.09 1.67 -0.52	30.04 1.44 -0.36	25.79 1.20 -0.16	23.47 1.18 -0.10
HIGH FALLS__HY 23754	20.80 1.18 0.00	18.70 0.99 0.00	17.68 0.92 0.00	17.51 0.88 0.00	17.61 0.85 0.00	18.44 0.89 0.00	21.66 1.26 -0.03	23.63 1.30 0.00	24.47 1.39 0.00	24.50 1.37 0.00	26.06 1.54 0.00	27.59 1.59 0.00	28.51 1.64 0.00	29.91 1.80 -0.06	31.16 1.81 -0.11	32.14 1.81 -0.18	37.22 2.22 -0.33	41.02 2.60 -0.15	38.64 2.15 0.00	35.64 1.92 0.00	31.57 1.67 0.00	29.91 1.67 0.00	25.97 1.54 0.00	23.58 1.40 0.00
HILLBURN__GT 23639	20.74 1.12 0.00	18.68 0.97 0.00	17.64 0.89 0.00	17.46 0.83 0.00	17.58 0.82 0.00	18.41 0.86 0.00	21.52 1.12 -0.03	23.56 1.23 0.00	24.38 1.29 0.00	24.55 1.41 0.00	26.16 1.64 0.00	27.65 1.64 0.00	28.62 1.75 0.00	29.99 1.82 -0.11	31.32 1.87 -0.21	32.39 1.90 -0.34	37.48 2.15 -0.65	41.02 2.45 -0.30	38.53 2.04 0.00	35.50 1.79 0.00	31.48 1.58 0.00	29.74 1.50 0.00	25.85 1.42 0.00	23.49 1.31 0.00
HILLSIDE_115KV_TB1 80332	19.82 0.20 0.00	17.63 -0.07 0.00	16.65 -0.10 0.00	16.55 -0.08 0.00	16.74 -0.02 0.00	17.56 0.02 0.00	20.54 0.16 -0.01	22.54 0.20 0.00	23.27 0.09 -0.09	23.47 0.23 -0.10	25.23 0.47 -0.25	26.96 0.60 -0.36	28.06 0.78 -0.41	29.23 0.67 -0.50	30.67 0.85 -0.59	31.62 0.84 -0.62	36.32 0.76 -0.88	40.01 0.65 -1.09	38.32 0.84 -0.99	35.14 0.61 -0.81	30.92 0.48 -0.55	28.99 0.37 -0.38	24.94 0.34 -0.17	22.69 0.40 -0.11
HISHELDN_WT_PWR 323625	19.70 0.08 0.00	17.35 -0.35 0.00	16.42 -0.33 0.00	16.33 -0.30 0.00	16.56 -0.20 0.00	17.42 -0.12 0.00	20.70 0.32 -0.01	22.38 0.04 0.00	23.18 0.09 0.00	23.39 0.26 0.00	25.08 0.56 0.00	26.86 0.86 0.00	27.95 1.08 0.00	29.10 1.04 0.00	30.35 1.11 0.00	31.18 1.03 0.00	35.65 0.97 0.00	38.88 0.61 0.00	37.51 1.02 0.00	34.53 0.81 0.00	30.46 0.57 0.00	28.75 0.51 0.00	24.89 0.46 0.00	22.74 0.55 0.00
HOLTSVILLE_IC_1 23690	21.33 1.71 0.00	19.24 1.54 0.00	18.05 1.29 0.00	17.81 1.18 0.00	17.86 1.11 0.00	18.88 1.33 0.00	21.97 1.57 -0.03	24.06 1.72 0.00	25.03 1.94 0.00	25.30 2.15 -0.01	26.90 2.38 -0.01	29.48 2.34 -1.14	31.03 2.50 -1.66	31.58 2.64 -0.89	32.16 2.69 -0.24	33.27 2.71 -0.40	38.64 3.23 -0.73	42.36 3.75 -0.34	39.78 3.29 -0.01	36.69 2.97 -0.01	32.38 2.48 -0.01	31.92 2.46 -1.22	28.04 2.35 -1.26	24.34 2.15 -0.01
HOLTSVILLE_IC_10 23699	21.44 1.82 0.00	19.35 1.65 0.00	18.13 1.37 0.00	17.90 1.26 0.00	17.95 1.19 0.00	18.97 1.42 0.00	22.09 1.69 -0.03	24.19 1.85 0.00	25.17 2.08 0.00	25.44 2.29 -0.01	27.07 2.55 -0.01	29.67 2.52 -1.14	31.22 2.69 -1.66	31.81 2.86 -0.89	32.40 2.92 -0.24	33.51 2.96 -0.40	38.95 3.54 -0.73	42.71 4.10 -0.34	40.08 3.58 -0.01	37.00 3.27 -0.01	32.63 2.72 -0.01	32.15 2.68 -1.22	28.23 2.54 -1.26	24.50 2.31 -0.01
HOLTSVILLE_IC_2 23691	21.33 1.71 0.00	19.24 1.54 0.00	18.05 1.29 0.00	17.81 1.18 0.00	17.86 1.11 0.00	18.88 1.33 0.00	21.97 1.57 -0.03	24.06 1.72 0.00	25.03 1.94 0.00	25.30 2.15 -0.01	26.90 2.38 -0.01	29.48 2.34 -1.14	31.03 2.50 -1.66	31.58 2.64 -0.89	32.16 2.69 -0.24	33.27 2.71 -0.40	38.64 3.23 -0.73	42.36 3.75 -0.34	39.78 3.29 -0.01	36.69 2.97 -0.01	32.38 2.48 -0.01	31.92 2.46 -1.22	28.04 2.35 -1.26	24.34 2.15 -0.01
HOLTSVILLE_IC_3 23692	21.33 1.71 0.00	19.24 1.54 0.00	18.05 1.29 0.00	17.81 1.18 0.00	17.86 1.11 0.00	18.88 1.33 0.00	21.97 1.57 -0.03	24.06 1.72 0.00	25.03 1.94 0.00	25.30 2.15 -0.01	26.90 2.38 -0.01	29.48 2.34 -1.14	31.03 2.50 -1.66	31.58 2.64 -0.89	32.16 2.69 -0.24	33.27 2.71 -0.40	38.64 3.23 -0.73	42.36 3.75 -0.34	39.78 3.29 -0.01	36.69 2.97 -0.01	32.38 2.48 -0.01	31.92 2.46 -1.22	28.04 2.35 -1.26	24.34 2.15 -0.01

HOLTSVILLE_IC_4 23693	21.33 1.71 0.00	19.24 1.54 0.00	18.05 1.29 0.00	17.81 1.18 0.00	17.86 1.11 0.00	18.88 1.33 0.00	21.97 1.57 -0.03	24.06 1.72 0.00	25.03 1.94 0.00	25.30 2.15 -0.01	26.90 2.38 -0.01	29.48 2.34 -1.14	31.03 2.50 -1.66	31.58 2.64 -0.89	32.16 2.69 -0.24	33.27 2.71 -0.40	38.64 3.23 -0.73	42.36 3.75 -0.34	39.78 3.29 -0.01	36.69 2.97 -0.01	32.38 2.48 -0.01	31.92 2.46 -1.22	28.04 2.35 -1.26	24.34 2.15 -0.01
HOLTSVILLE_IC_5 23694	21.33 1.71 0.00	19.24 1.54 0.00	18.05 1.29 0.00	17.81 1.18 0.00	17.86 1.11 0.00	18.88 1.33 0.00	21.97 1.57 -0.03	24.06 1.72 0.00	25.03 1.94 0.00	25.30 2.15 -0.01	26.90 2.38 -0.01	29.48 2.34 -1.14	31.03 2.50 -1.66	31.58 2.64 -0.89	32.16 2.69 -0.24	33.27 2.71 -0.40	38.64 3.23 -0.73	42.36 3.75 -0.34	39.78 3.29 -0.01	36.69 2.97 -0.01	32.38 2.48 -0.01	31.92 2.46 -1.22	28.04 2.35 -1.26	24.34 2.15 -0.01
HOLTSVILLE_IC_6 23695	21.44 1.82 0.00	19.35 1.65 0.00	18.13 1.37 0.00	17.90 1.26 0.00	17.95 1.19 0.00	18.97 1.42 0.00	22.09 1.69 -0.03	24.19 1.85 0.00	25.17 2.08 0.00	25.44 2.29 -0.01	27.07 2.55 -0.01	29.67 2.52 -1.14	31.22 2.69 -1.66	31.81 2.86 -0.89	32.40 2.92 -0.24	33.51 2.96 -0.40	38.95 3.54 -0.73	42.71 4.10 -0.34	40.08 3.58 -0.01	37.00 3.27 -0.01	32.63 2.72 -0.01	32.15 2.68 -1.22	28.23 2.54 -1.26	24.50 2.31 -0.01
HOLTSVILLE_IC_7 23696	21.44 1.82 0.00	19.35 1.65 0.00	18.13 1.37 0.00	17.90 1.26 0.00	17.95 1.19 0.00	18.97 1.42 0.00	22.09 1.69 -0.03	24.19 1.85 0.00	25.17 2.08 0.00	25.44 2.29 -0.01	27.07 2.55 -0.01	29.67 2.52 -1.14	31.22 2.69 -1.66	31.81 2.86 -0.89	32.40 2.92 -0.24	33.51 2.96 -0.40	38.95 3.54 -0.73	42.71 4.10 -0.34	40.08 3.58 -0.01	37.00 3.27 -0.01	32.63 2.72 -0.01	32.15 2.68 -1.22	28.23 2.54 -1.26	24.50 2.31 -0.01
HOLTSVILLE_IC_8 23697	21.44 1.82 0.00	19.35 1.65 0.00	18.13 1.37 0.00	17.90 1.26 0.00	17.95 1.19 0.00	18.97 1.42 0.00	22.09 1.69 -0.03	24.19 1.85 0.00	25.17 2.08 0.00	25.44 2.29 -0.01	27.07 2.55 -0.01	29.67 2.52 -1.14	31.22 2.69 -1.66	31.81 2.86 -0.89	32.40 2.92 -0.24	33.51 2.96 -0.40	38.95 3.54 -0.73	42.71 4.10 -0.34	40.08 3.58 -0.01	37.00 3.27 -0.01	32.63 2.72 -0.01	32.15 2.68 -1.22	28.23 2.54 -1.26	24.50 2.31 -0.01
HOLTSVILLE_IC_9 23698	21.44 1.82 0.00	19.35 1.65 0.00	18.13 1.37 0.00	17.90 1.26 0.00	17.95 1.19 0.00	18.97 1.42 0.00	22.09 1.69 -0.03	24.19 1.85 0.00	25.17 2.08 0.00	25.44 2.29 -0.01	27.07 2.55 -0.01	29.67 2.52 -1.14	31.22 2.69 -1.66	31.81 2.86 -0.89	32.40 2.92 -0.24	33.51 2.96 -0.40	38.95 3.54 -0.73	42.71 4.10 -0.34	40.08 3.58 -0.01	37.00 3.27 -0.01	32.63 2.72 -0.01	32.15 2.68 -1.22	28.23 2.54 -1.26	24.50 2.31 -0.01
HOMER_HL_115KV_TB2 355744	19.72 0.10 0.00	17.40 -0.30 0.00	16.42 -0.34 0.00	16.32 -0.32 0.00	16.57 -0.18 0.00	17.42 -0.12 0.00	20.47 0.10 -0.01	22.51 0.18 0.00	22.72 -0.37 0.00	22.98 -0.16 0.00	24.71 0.20 0.00	26.37 0.36 0.00	27.65 0.78 0.00	28.59 0.53 0.00	30.02 0.79 0.00	30.91 0.75 0.00	35.16 0.49 0.00	38.31 0.04 0.00	37.00 0.51 0.00	33.82 0.10 0.00	29.96 0.06 0.00	28.13 -0.11 0.00	24.43 0.00 0.00	22.30 0.11 0.00
HOWARD_WT_PWR 323690	20.17 0.55 0.00	17.84 0.14 0.00	16.87 0.12 0.00	16.80 0.17 0.00	17.01 0.25 0.00	17.90 0.35 0.00	21.15 0.77 -0.01	23.01 0.67 0.00	23.84 0.69 -0.06	24.02 0.81 -0.07	25.80 1.10 -0.18	27.69 1.43 -0.26	28.77 1.61 -0.29	30.04 1.63 -0.36	31.38 1.72 -0.42	32.28 1.69 -0.44	37.10 1.80 -0.62	40.80 1.76 -0.77	39.22 2.04 -0.69	36.04 1.75 -0.57	31.66 1.38 -0.38	29.84 1.33 -0.26	25.62 1.07 -0.12	23.31 1.04 -0.08
HQ_GEN_CEDARS 23644	19.29 -0.33 0.00	17.53 -0.18 0.00	16.57 -0.18 0.00	16.47 -0.17 0.00	16.60 -0.15 0.00	17.39 -0.16 0.00	19.94 -0.43 0.00	22.02 -0.31 0.00	22.79 -0.30 0.00	22.77 -0.37 0.00	24.00 -0.51 0.00	25.49 -0.52 0.00	26.33 -0.54 0.00	27.52 -0.53 0.00	28.65 -0.58 0.00	29.55 -0.60 0.00	34.05 -0.62 0.00	37.50 -0.77 0.00	35.83 -0.66 0.00	33.15 -0.57 0.00	29.42 -0.48 0.00	27.74 -0.51 0.00	24.09 -0.34 0.00	21.85 -0.33 0.00
HQ_GEN_CEDARS_PROXY 323590	19.29 -0.33 0.00	17.53 -0.18 0.00	16.57 -0.18 0.00	16.47 -0.17 0.00	16.60 -0.15 0.00	17.39 -0.16 0.00	19.92 -0.45 0.00	22.02 -0.31 0.00	22.79 -0.30 0.00	22.77 -0.37 0.00	24.00 -0.52 0.00	25.49 -0.52 0.00	26.33 -0.54 0.00	27.52 -0.53 0.00	28.65 -0.58 0.00	29.70 -0.60 -0.15	33.91 -0.62 0.15	37.51 -0.77 0.00	35.87 -0.62 0.00	33.15 -0.57 0.00	29.42 -0.48 0.00	27.74 -0.51 0.00	24.09 -0.34 0.00	21.85 -0.33 0.00
HQ_GEN_IMPORT 323601	19.27 -0.35 0.00	17.49 -0.21 0.00	16.54 -0.22 0.00	16.43 -0.20 0.00	16.56 -0.20 0.00	17.34 -0.21 0.00	19.98 -0.39 0.00	22.04 -0.29 0.00	22.81 -0.28 0.00	22.84 -0.30 0.00	24.10 -0.42 0.00	25.57 -0.44 0.00	26.41 -0.46 0.00	27.58 -0.48 0.00	28.74 -0.50 0.00	29.79 -0.51 -0.15	33.98 -0.56 0.15	37.62 -0.65 0.00	35.90 -0.59 0.00	33.18 -0.54 0.00	29.42 -0.48 0.00	27.77 -0.48 0.00	24.04 -0.39 0.00	21.81 -0.38 0.00
HQ_GEN_WHEEL 23651	19.27 -0.35 0.00	17.49 -0.21 0.00	16.54 -0.22 0.00	16.43 -0.20 0.00	16.56 -0.20 0.00	17.34 -0.21 0.00	19.98 -0.39 0.00	22.04 -0.29 0.00	22.81 -0.28 0.00	22.84 -0.30 0.00	24.10 -0.42 0.00	25.57 -0.44 0.00	26.41 -0.46 0.00	27.58 -0.48 0.00	28.74 -0.50 0.00	29.79 -0.51 -0.15	33.98 -0.56 0.15	37.62 -0.65 0.00	35.90 -0.59 0.00	33.18 -0.54 0.00	29.42 -0.48 0.00	27.77 -0.48 0.00	24.04 -0.39 0.00	21.81 -0.38 0.00
HUDSON_AVE_GT_3 23810	21.01 1.39 0.00	18.93 1.22 0.00	17.88 1.12 0.00	17.71 1.08 0.00	17.79 1.04 0.00	18.65 1.11 0.00	21.90 1.51 -0.03	23.97 1.63 0.00	24.89 1.80 0.00	24.92 1.78 0.00	26.53 2.01 0.00	28.04 2.03 0.00	28.99 2.12 0.00	30.48 2.30 -0.12	31.72 2.25 -0.23	32.79 2.26 -0.38	38.00 2.60 -0.72	41.47 2.87 -0.33	38.93 2.44 0.00	35.91 2.19 0.00	31.78 1.88 0.00	30.11 1.86 0.00	26.19 1.76 0.00	23.74 1.55 0.00
HUDSON_AVE_GT_4 23540	21.01 1.39 0.00	18.93 1.22 0.00	17.88 1.12 0.00	17.71 1.08 0.00	17.79 1.04 0.00	18.65 1.11 0.00	21.90 1.51 -0.03	23.97 1.63 0.00	24.89 1.80 0.00	24.92 1.78 0.00	26.53 2.01 0.00	28.04 2.03 0.00	28.99 2.12 0.00	30.48 2.30 -0.12	31.72 2.25 -0.23	32.79 2.26 -0.38	38.00 2.60 -0.72	41.47 2.87 -0.33	38.93 2.44 0.00	35.91 2.19 0.00	31.78 1.88 0.00	30.11 1.86 0.00	26.19 1.76 0.00	23.74 1.55 0.00
HUDSON_AVE_GT_5 23657	21.01 1.39 0.00	18.93 1.22 0.00	17.88 1.12 0.00	17.71 1.08 0.00	17.79 1.04 0.00	18.65 1.11 0.00	21.90 1.51 -0.03	23.97 1.63 0.00	24.89 1.80 0.00	24.92 1.78 0.00	26.53 2.01 0.00	28.04 2.03 0.00	28.99 2.12 0.00	30.48 2.30 -0.12	31.72 2.25 -0.23	32.79 2.26 -0.38	38.00 2.60 -0.72	41.47 2.87 -0.33	38.93 2.44 0.00	35.91 2.19 0.00	31.78 1.88 0.00	30.11 1.86 0.00	26.19 1.76 0.00	23.74 1.55 0.00

HUDSON_AVE_10 24168	20.97 1.35 0.00	18.89 1.19 0.00	17.84 1.09 0.00	17.66 1.03 0.00	17.74 0.99 0.00	18.62 1.07 0.00	21.88 1.49 -0.03	23.94 1.61 0.00	24.87 1.78 0.00	24.90 1.76 0.00	26.48 1.96 0.00	27.98 1.98 0.00	28.94 2.07 0.00	30.43 2.24 -0.12	31.66 2.19 -0.23	32.70 2.17 -0.38	37.90 2.50 -0.72	41.35 2.76 -0.33	38.82 2.34 0.00	35.81 2.09 0.00	31.69 1.79 0.00	30.02 1.78 0.00	26.17 1.73 0.00	23.69 1.51 0.00
HUDSON___115KV_TB 4 355613	20.50 0.88 0.00	18.52 0.81 0.00	17.56 0.80 0.00	17.43 0.80 0.00	17.54 0.79 0.00	18.35 0.81 0.00	21.48 1.08 -0.04	23.39 1.05 0.00	24.15 1.06 0.00	24.11 0.97 0.00	25.55 1.03 0.00	27.05 1.04 0.00	27.95 1.07 0.00	29.24 1.26 0.08	30.32 1.23 0.15	31.21 1.30 0.24	35.74 1.53 0.46	39.90 1.84 0.21	38.06 1.57 0.00	35.20 1.48 0.00	31.33 1.44 0.00	29.69 1.44 0.00	25.56 1.12 0.00	23.27 1.09 0.00
HUNTER MOUNT___DRP 323613	20.58 0.96 0.00	18.57 0.87 0.00	17.63 0.87 0.00	17.51 0.88 0.00	17.63 0.87 0.00	18.44 0.89 0.00	21.60 1.20 -0.04	23.50 1.16 0.00	24.24 1.15 0.00	24.20 1.06 0.00	25.60 1.08 0.00	27.10 1.09 0.00	27.97 1.10 0.00	29.38 1.37 0.05	30.46 1.32 0.09	31.39 1.39 0.15	36.05 1.66 0.30	40.16 2.03 0.13	38.17 1.68 0.00	35.30 1.58 0.00	31.45 1.55 0.00	29.83 1.58 0.00	25.65 1.22 0.00	23.36 1.18 0.00
HUNTINGTON_RES_REC 323705	21.46 1.84 0.00	19.33 1.63 0.00	18.15 1.39 0.00	17.90 1.26 0.00	17.96 1.21 0.00	18.97 1.42 0.00	22.11 1.71 -0.03	24.23 1.90 0.00	25.21 2.12 0.00	25.51 2.36 -0.01	27.10 2.57 -0.01	29.72 2.58 -1.14	31.28 2.74 -1.66	31.83 2.89 -0.89	32.49 3.01 -0.24	33.63 3.08 -0.40	39.05 3.64 -0.73	42.79 4.17 -0.34	40.15 3.65 -0.01	37.00 3.27 -0.01	32.69 2.78 -0.01	32.12 2.65 -1.22	28.18 2.49 -1.26	24.48 2.29 -0.01
HUNTLEY___63 23557	19.70 0.08 0.00	17.28 -0.42 0.00	16.30 -0.45 0.00	16.20 -0.43 0.00	16.45 -0.30 0.00	17.32 -0.23 0.00	20.13 -0.24 -0.01	22.25 -0.09 0.00	23.04 -0.05 0.00	23.35 0.21 0.00	25.01 0.49 0.00	26.68 0.68 0.00	27.97 1.10 0.00	28.98 0.93 0.00	30.35 1.11 0.00	31.24 1.09 0.00	35.79 1.11 0.00	38.81 0.54 0.00	37.58 1.09 0.00	34.43 0.71 0.00	30.49 0.60 0.00	28.75 0.51 0.00	24.92 0.49 0.00	22.74 0.55 0.00
HUNTLEY___64 23558	19.70 0.08 0.00	17.28 -0.42 0.00	16.30 -0.45 0.00	16.20 -0.43 0.00	16.45 -0.30 0.00	17.32 -0.23 0.00	20.13 -0.24 -0.01	22.25 -0.09 0.00	23.04 -0.05 0.00	23.35 0.21 0.00	25.01 0.49 0.00	26.68 0.68 0.00	27.97 1.10 0.00	28.98 0.93 0.00	30.35 1.11 0.00	31.24 1.09 0.00	35.79 1.11 0.00	38.81 0.54 0.00	37.58 1.09 0.00	34.43 0.71 0.00	30.49 0.60 0.00	28.75 0.51 0.00	24.92 0.49 0.00	22.74 0.55 0.00
HUNTLEY___65 23559	19.70 0.08 0.00	17.28 -0.42 0.00	16.30 -0.45 0.00	16.20 -0.43 0.00	16.45 -0.30 0.00	17.32 -0.23 0.00	20.13 -0.24 -0.01	22.25 -0.09 0.00	23.04 -0.05 0.00	23.35 0.21 0.00	25.01 0.49 0.00	26.68 0.68 0.00	27.97 1.10 0.00	28.98 0.93 0.00	30.35 1.11 0.00	31.24 1.09 0.00	35.79 1.11 0.00	38.81 0.54 0.00	37.58 1.09 0.00	34.43 0.71 0.00	30.49 0.60 0.00	28.75 0.51 0.00	24.92 0.49 0.00	22.74 0.55 0.00
HUNTLEY___66 23560	19.70 0.08 0.00	17.28 -0.42 0.00	16.30 -0.45 0.00	16.20 -0.43 0.00	16.45 -0.30 0.00	17.32 -0.23 0.00	20.13 -0.24 -0.01	22.25 -0.09 0.00	23.04 -0.05 0.00	23.35 0.21 0.00	25.01 0.49 0.00	26.68 0.68 0.00	27.97 1.10 0.00	28.98 0.93 0.00	30.35 1.11 0.00	31.24 1.09 0.00	35.79 1.11 0.00	38.81 0.54 0.00	37.58 1.09 0.00	34.43 0.71 0.00	30.49 0.60 0.00	28.75 0.51 0.00	24.92 0.49 0.00	22.74 0.55 0.00
HUNTLEY___67 23561	19.58 -0.04 0.00	17.17 -0.53 0.00	16.22 -0.54 0.00	16.12 -0.52 0.00	16.35 -0.40 0.00	17.21 -0.33 0.00	20.05 -0.33 -0.01	22.16 -0.18 0.00	22.90 -0.18 0.00	23.21 0.07 0.00	24.84 0.32 0.00	26.48 0.47 0.00	27.70 0.83 0.00	28.70 0.65 0.00	30.08 0.85 0.00	30.94 0.78 0.00	35.41 0.73 0.00	38.46 0.19 0.00	37.22 0.73 0.00	34.12 0.40 0.00	30.26 0.36 0.00	28.50 0.25 0.00	24.73 0.29 0.00	22.58 0.40 0.00
HUNTLEY___68 23562	19.58 -0.04 0.00	17.17 -0.53 0.00	16.22 -0.54 0.00	16.12 -0.52 0.00	16.35 -0.40 0.00	17.21 -0.33 0.00	20.05 -0.33 -0.01	22.16 -0.18 0.00	22.90 -0.18 0.00	23.21 0.07 0.00	24.84 0.32 0.00	26.48 0.47 0.00	27.70 0.83 0.00	28.70 0.65 0.00	30.08 0.85 0.00	30.94 0.78 0.00	35.41 0.73 0.00	38.46 0.19 0.00	37.22 0.73 0.00	34.12 0.40 0.00	30.26 0.36 0.00	28.50 0.25 0.00	24.73 0.29 0.00	22.58 0.40 0.00
HYLAND___LFGE 323620	20.56 0.94 0.00	18.20 0.50 0.00	17.22 0.47 0.00	17.15 0.52 0.00	17.33 0.57 0.00	18.25 0.70 0.00	21.53 1.16 -0.01	23.34 1.01 0.00	23.92 0.83 0.00	23.79 0.65 0.00	25.35 0.83 0.00	27.07 1.07 0.00	27.79 0.91 0.00	28.79 0.73 0.00	30.08 0.85 0.00	30.37 0.21 0.00	35.10 0.42 0.00	38.77 0.50 0.00	37.95 1.46 0.00	35.64 1.92 0.00	31.66 1.76 0.00	30.56 2.32 0.00	26.31 1.88 0.00	23.92 1.73 0.00
INDECK___CORINTH 23802	20.72 1.10 0.00	18.62 0.92 0.00	17.64 0.89 0.00	17.51 0.88 0.00	17.64 0.89 0.00	18.48 0.93 0.00	21.57 1.16 -0.04	23.54 1.21 0.00	24.29 1.20 0.00	24.34 1.20 0.00	25.65 1.13 0.00	27.07 1.07 0.00	28.00 1.13 0.00	28.88 0.95 0.13	29.93 0.94 0.24	30.84 1.08 0.39	35.24 1.32 0.76	39.57 1.64 0.35	38.39 1.90 0.00	35.81 2.09 0.00	31.90 2.00 0.00	30.14 1.89 0.00	25.87 1.44 0.00	23.49 1.31 0.00
INDECK___ILION 23567	19.54 -0.08 0.00	17.62 -0.09 0.00	16.69 -0.07 0.00	16.57 -0.07 0.00	16.67 -0.08 0.00	17.48 -0.07 0.00	20.31 -0.06 0.00	22.25 -0.09 0.00	23.02 -0.07 0.00	23.07 -0.07 0.00	24.47 -0.05 0.00	25.98 -0.03 0.00	26.84 -0.03 0.00	28.06 0.00 0.00	29.18 -0.06 0.00	30.12 -0.03 0.00	34.64 -0.03 0.00	38.27 0.00 0.00	36.49 0.00 0.00	33.72 0.00 0.00	29.87 -0.03 0.00	28.22 -0.03 0.00	24.38 -0.05 0.00	22.14 -0.04 0.00
INDECK___OLEAN 23982	19.72 0.10 0.00	17.40 -0.30 0.00	16.44 -0.32 0.00	16.33 -0.30 0.00	16.57 -0.18 0.00	17.42 -0.12 0.00	20.72 0.35 -0.01	22.40 0.07 0.00	23.18 0.09 0.00	22.98 -0.16 0.00	24.71 0.20 0.00	26.48 0.47 0.00	27.62 0.75 0.00	28.70 0.65 0.00	30.02 0.79 0.00	30.91 0.75 0.00	35.10 0.42 0.00	38.35 0.08 0.00	36.93 0.44 0.00	33.92 0.20 0.00	29.90 0.00 0.00	28.13 -0.11 0.00	24.43 0.00 0.00	22.30 0.11 0.00
INDECK___OSWEGO 23783	19.74 0.12 0.00	17.70 0.00 0.00	16.76 0.00 0.00	16.63 0.00 0.00	16.74 -0.02 0.00	17.58 0.04 0.00	20.43 0.06 0.00	22.34 0.00 0.00	23.28 -0.05 -0.23	23.28 -0.14 -0.28	25.12 -0.07 -0.68	27.03 0.05 -0.97	27.92 -0.05 -1.10	29.39 -0.03 -1.36	30.74 -0.09 -1.59	31.75 -0.15 -1.75	37.12 -0.14 -2.58	41.34 0.00 -3.07	39.48 0.22 -2.77	36.36 0.37 -2.27	31.71 0.27 -1.54	29.61 0.31 -1.06	25.12 0.22 -0.47	22.65 0.16 -0.31



INDECK___YERKES 23781	19.72 0.10 0.00	17.30 -0.41 0.00	16.35 -0.40 0.00	16.25 -0.38 0.00	16.47 -0.28 0.00	17.34 -0.21 0.00	20.66 0.28 -0.01	22.22 -0.11 0.00	23.04 -0.05 0.00	23.37 0.23 0.00	25.03 0.52 0.00	26.89 0.88 0.00	28.00 1.13 0.00	29.15 1.09 0.00	30.37 1.14 0.00	31.27 1.12 0.00	35.76 1.08 0.00	38.85 0.57 0.00	37.58 1.09 0.00	34.59 0.88 0.00	30.46 0.57 0.00	28.81 0.56 0.00	24.95 0.51 0.00	22.76 0.58 0.00
INDIAN POINT_GT_1 24139	20.82 1.20 0.00	18.75 1.04 0.00	17.73 0.97 0.00	17.56 0.93 0.00	17.64 0.89 0.00	18.49 0.95 0.00	21.72 1.32 -0.03	23.72 1.38 0.00	24.59 1.50 0.00	24.64 1.50 0.00	26.23 1.72 0.00	27.72 1.72 0.00	28.67 1.80 0.00	30.12 1.94 -0.12	31.39 1.93 -0.23	32.48 1.96 -0.37	37.61 2.22 -0.71	41.12 2.53 -0.32	38.61 2.12 0.00	35.67 1.96 0.00	31.60 1.70 0.00	29.88 1.64 0.00	25.95 1.51 0.00	23.58 1.40 0.00
INDIAN POINT_GT_2 23659	20.82 1.20 0.00	18.75 1.04 0.00	17.73 0.97 0.00	17.56 0.93 0.00	17.64 0.89 0.00	18.49 0.95 0.00	21.72 1.32 -0.03	23.72 1.38 0.00	24.59 1.50 0.00	24.64 1.50 0.00	26.23 1.72 0.00	27.72 1.72 0.00	28.67 1.80 0.00	30.12 1.94 -0.12	31.39 1.93 -0.23	32.48 1.96 -0.37	37.61 2.22 -0.71	41.12 2.53 -0.32	38.61 2.12 0.00	35.67 1.96 0.00	31.60 1.70 0.00	29.88 1.64 0.00	25.95 1.51 0.00	23.58 1.40 0.00
INDIAN POINT_GT_3 24019	20.82 1.20 0.00	18.75 1.04 0.00	17.73 0.97 0.00	17.56 0.93 0.00	17.64 0.89 0.00	18.49 0.95 0.00	21.72 1.32 -0.03	23.72 1.38 0.00	24.59 1.50 0.00	24.64 1.50 0.00	26.23 1.72 0.00	27.72 1.72 0.00	28.67 1.80 0.00	30.12 1.94 -0.12	31.39 1.93 -0.23	32.48 1.96 -0.37	37.61 2.22 -0.71	41.12 2.53 -0.32	38.61 2.12 0.00	35.67 1.96 0.00	31.60 1.70 0.00	29.88 1.64 0.00	25.95 1.51 0.00	23.58 1.40 0.00
INDIAN POINT___2 23530	20.80 1.18 0.00	18.73 1.03 0.00	17.69 0.94 0.00	17.53 0.90 0.00	17.63 0.87 0.00	18.46 0.91 0.00	21.58 1.18 -0.03	23.63 1.29 0.00	24.45 1.36 0.00	24.62 1.48 0.00	26.21 1.69 0.00	27.70 1.69 0.00	28.67 1.80 0.00	30.06 1.88 -0.12	31.38 1.93 -0.22	32.47 1.96 -0.36	37.59 2.22 -0.69	41.15 2.56 -0.31	38.60 2.12 0.00	35.61 1.89 0.00	31.57 1.67 0.00	29.85 1.61 0.00	25.92 1.49 0.00	23.56 1.38 0.00
INDIAN POINT___3 23531	20.80 1.18 0.00	18.73 1.03 0.00	17.71 0.96 0.00	17.55 0.91 0.00	17.63 0.87 0.00	18.48 0.93 0.00	21.70 1.30 -0.03	23.70 1.36 0.00	24.59 1.50 0.00	24.62 1.48 0.00	26.21 1.69 0.00	27.70 1.69 0.00	28.65 1.77 0.00	30.09 1.91 -0.12	31.36 1.90 -0.23	32.45 1.93 -0.37	37.57 2.18 -0.71	41.08 2.49 -0.32	38.57 2.08 0.00	35.61 1.89 0.00	31.54 1.64 0.00	29.86 1.61 0.00	25.92 1.49 0.00	23.56 1.38 0.00
INGHAM_C_115KV_TB7 356103	19.23 -0.39 0.00	17.33 -0.37 0.00	16.44 -0.32 0.00	16.33 -0.30 0.00	16.44 -0.32 0.00	17.23 -0.32 0.00	20.02 -0.35 0.00	21.93 -0.40 0.00	22.74 -0.35 0.00	22.82 -0.32 0.00	24.17 -0.34 0.00	25.67 -0.34 0.00	26.52 -0.35 0.00	27.78 -0.28 0.00	28.85 -0.38 0.00	29.79 -0.36 0.00	34.23 -0.45 0.00	37.81 -0.46 0.00	36.05 -0.44 0.00	33.31 -0.40 0.00	29.45 -0.45 0.00	27.85 -0.40 0.00	24.04 -0.39 0.00	21.83 -0.35 0.00
IP CORINTH___1 23988	20.84 1.22 0.00	18.73 1.03 0.00	17.73 0.97 0.00	17.60 0.96 0.00	17.73 0.97 0.00	18.56 1.02 0.00	21.73 1.32 -0.04	23.70 1.36 0.00	24.54 1.45 0.00	24.48 1.34 0.00	25.79 1.27 0.00	27.26 1.25 0.00	28.16 1.29 0.00	29.08 1.15 0.13	30.10 1.11 0.24	31.03 1.27 0.39	35.44 1.53 0.76	39.76 1.84 0.35	38.57 2.08 0.00	36.05 2.33 0.00	32.08 2.18 0.00	30.31 2.06 0.00	26.02 1.59 0.00	23.63 1.44 0.00
IP___TICONDEROGA 23804	21.95 2.33 0.00	19.67 1.97 0.00	18.60 1.84 0.00	18.49 1.86 0.00	18.65 1.89 0.00	19.55 2.00 0.00	22.83 2.42 -0.04	24.97 2.64 0.00	25.86 2.77 0.00	25.73 2.59 0.00	27.19 2.67 0.00	28.71 2.70 0.00	29.59 2.71 0.00	30.62 2.69 0.13	31.76 2.78 0.25	32.77 3.02 0.40	37.54 3.64 0.78	42.24 4.32 0.35	41.01 4.52 0.00	38.30 4.59 0.00	34.29 4.39 0.00	32.37 4.12 0.00	27.61 3.18 0.00	24.98 2.80 0.00
ISLIP_RES_REC 323679	21.54 1.92 0.00	19.42 1.72 0.00	18.20 1.44 0.00	17.96 1.33 0.00	18.01 1.26 0.00	19.04 1.49 0.00	22.17 1.77 -0.03	24.30 1.97 0.00	25.31 2.22 0.00	25.60 2.45 -0.01	27.22 2.70 -0.01	29.85 2.70 -1.14	31.44 2.90 -1.66	32.03 3.09 -0.89	32.60 3.13 -0.24	33.75 3.19 -0.40	39.19 3.78 -0.73	43.01 4.40 -0.34	40.36 3.87 -0.01	37.23 3.51 -0.01	32.80 2.90 -0.01	32.35 2.88 -1.22	28.38 2.69 -1.26	24.63 2.44 -0.01
JAMAICA___27_KV_LOAD 355505	21.05 1.43 0.00	18.96 1.26 0.00	17.91 1.16 0.00	17.73 1.10 0.00	17.79 1.04 0.00	18.70 1.16 0.00	22.03 1.63 -0.03	24.12 1.79 0.00	25.07 1.99 0.00	25.11 1.97 0.00	26.63 2.11 0.00	28.17 2.16 0.00	29.10 2.23 0.00	30.62 2.44 -0.12	31.83 2.37 -0.23	32.82 2.29 -0.38	38.07 2.67 -0.72	41.55 2.95 -0.33	39.01 2.52 0.00	35.98 2.26 0.00	31.78 1.88 0.00	30.14 1.89 0.00	26.36 1.93 0.00	23.85 1.66 0.00
JANIS___SOLAR 323808	20.62 1.00 0.00	18.41 0.71 0.00	17.41 0.65 0.00	17.31 0.68 0.00	17.44 0.69 0.00	18.34 0.79 0.00	21.37 1.00 -0.01	23.34 1.01 0.00	24.16 0.95 -0.12	24.23 0.93 -0.16	26.06 1.15 -0.39	27.92 1.35 -0.56	28.72 1.21 -0.64	30.16 1.32 -0.79	31.50 1.35 -0.92	32.43 1.36 -0.92	37.67 1.73 -1.26	41.94 2.10 -1.57	40.32 2.41 -1.42	37.24 2.36 -1.16	32.72 2.03 -0.79	30.60 1.81 -0.54	26.11 1.44 -0.24	23.61 1.26 -0.16
JARVIS____ 23743	19.70 0.08 0.00	17.76 0.05 0.00	16.81 0.05 0.00	16.67 0.03 0.00	16.79 0.03 0.00	17.58 0.04 0.00	20.45 0.08 0.00	22.40 0.07 0.00	23.14 0.05 0.00	23.19 0.05 0.00	24.62 0.10 0.00	26.11 0.10 0.00	26.95 0.08 0.00	28.17 0.11 0.00	29.35 0.12 0.00	30.24 0.09 0.00	34.78 0.10 0.00	38.42 0.15 0.00	36.64 0.15 0.00	33.85 0.14 0.00	30.02 0.12 0.00	28.36 0.11 0.00	24.53 0.10 0.00	22.27 0.09 0.00
JENNISON___1 23625	20.72 1.10 0.00	18.54 0.83 0.00	17.54 0.79 0.00	17.41 0.78 0.00	17.53 0.77 0.00	18.41 0.86 0.00	21.44 1.06 -0.01	23.52 1.18 0.00	24.34 1.15 -0.09	24.57 1.30 -0.14	26.52 1.67 -0.33	28.46 1.98 -0.48	29.24 1.83 -0.54	30.69 1.96 -0.67	32.09 2.08 -0.78	32.68 1.87 -0.66	37.70 2.18 -0.83	41.80 2.49 -1.04	40.02 2.59 -0.94	36.92 2.43 -0.77	32.51 2.09 -0.52	30.50 1.89 -0.36	26.18 1.59 -0.16	23.71 1.42 -0.10
JENNISON___2 23626	20.72 1.10 0.00	18.54 0.83 0.00	17.54 0.79 0.00	17.41 0.78 0.00	17.53 0.77 0.00	18.41 0.86 0.00	21.44 1.06 -0.01	23.52 1.18 0.00	24.34 1.15 -0.09	24.57 1.30 -0.14	26.52 1.67 -0.33	28.46 1.98 -0.48	29.24 1.83 -0.54	30.69 1.96 -0.67	32.09 2.08 -0.78	32.68 1.87 -0.66	37.70 2.18 -0.83	41.80 2.49 -1.04	40.02 2.59 -0.94	36.92 2.43 -0.77	32.51 2.09 -0.52	30.50 1.89 -0.36	26.18 1.59 -0.16	23.71 1.42 -0.10

JERICO_RISE_WT_PWR 323719	19.60 -0.02 0.00	17.84 0.14 0.00	16.89 0.13 0.00	16.80 0.17 0.00	16.96 0.20 0.00	17.77 0.23 0.00	20.39 0.02 0.00	22.60 0.27 0.00	23.44 0.35 0.00	23.39 0.26 0.00	24.64 0.12 0.00	26.14 0.13 0.00	27.09 0.21 0.00	28.28 0.22 0.00	29.47 0.23 0.00	30.39 0.24 0.00	35.06 0.38 0.00	38.65 0.38 0.00	36.96 0.47 0.00	34.16 0.44 0.00	30.28 0.39 0.00	28.47 0.22 0.00	24.60 0.17 0.00	22.30 0.11 0.00
KATONAH__115KV_46KV_TB4 355592	20.93 1.31 0.00	18.82 1.12 0.00	17.79 1.04 0.00	17.66 1.03 0.00	17.73 0.97 0.00	18.58 1.04 0.00	21.82 1.43 -0.03	23.81 1.47 0.00	24.66 1.57 0.00	24.69 1.55 0.00	26.28 1.77 0.00	27.78 1.77 0.00	28.75 1.88 0.00	30.23 2.05 -0.12	31.48 2.02 -0.23	32.64 2.11 -0.37	37.82 2.43 -0.71	41.35 2.76 -0.33	38.75 2.26 0.00	35.88 2.16 0.00	31.78 1.88 0.00	30.05 1.81 0.00	26.04 1.61 0.00	23.69 1.51 0.00
KCE_NY_1 323755	20.88 1.26 0.00	18.78 1.08 0.00	17.79 1.04 0.00	17.65 1.01 0.00	17.78 1.02 0.00	18.60 1.05 0.00	21.73 1.32 -0.04	23.70 1.36 0.00	24.45 1.36 0.00	24.53 1.39 0.00	25.96 1.45 0.00	27.44 1.43 0.00	28.38 1.50 0.00	29.43 1.51 0.14	30.50 1.52 0.26	31.40 1.66 0.42	35.82 1.94 0.80	40.16 2.26 0.37	38.75 2.26 0.00	35.91 2.19 0.00	31.99 2.09 0.00	30.22 1.98 0.00	26.02 1.59 0.00	23.65 1.46 0.00
KCE_NY_6_ESR 323823	19.80 0.18 0.00	17.39 -0.32 0.00	16.44 -0.32 0.00	16.35 -0.28 0.00	16.56 -0.20 0.00	17.44 -0.10 0.00	20.76 0.39 -0.01	22.40 0.07 0.00	23.20 0.12 0.00	23.42 0.28 0.00	25.10 0.59 0.00	26.94 0.93 0.00	28.08 1.21 0.00	29.21 1.15 0.00	30.49 1.26 0.00	31.36 1.21 0.00	35.82 1.14 0.00	39.00 0.73 0.00	37.66 1.17 0.00	34.66 0.94 0.00	30.55 0.66 0.00	28.84 0.59 0.00	24.99 0.56 0.00	22.78 0.60 0.00
KEDC_PORT_JEFF_GT2 24210	21.40 1.79 0.00	19.30 1.59 0.00	18.10 1.34 0.00	17.85 1.21 0.00	17.91 1.16 0.00	18.93 1.39 0.00	22.03 1.63 -0.03	24.06 1.72 0.00	25.05 1.96 0.00	25.32 2.17 -0.01	26.93 2.40 -0.01	29.53 2.39 -1.14	31.09 2.55 -1.66	31.64 2.69 -0.89	32.25 2.78 -0.24	33.36 2.80 -0.40	38.78 3.36 -0.73	42.52 3.91 -0.34	39.89 3.39 -0.01	36.86 3.14 -0.01	32.44 2.54 -0.01	32.06 2.60 -1.22	28.16 2.47 -1.26	24.43 2.24 -0.01
KEDC_PORT_JEFF_GT3 24211	21.40 1.79 0.00	19.30 1.59 0.00	18.10 1.34 0.00	17.85 1.21 0.00	17.91 1.16 0.00	18.93 1.39 0.00	22.03 1.63 -0.03	24.06 1.72 0.00	25.05 1.96 0.00	25.32 2.17 -0.01	26.93 2.40 -0.01	29.53 2.39 -1.14	31.09 2.55 -1.66	31.64 2.69 -0.89	32.25 2.78 -0.24	33.36 2.80 -0.40	38.78 3.36 -0.73	42.52 3.91 -0.34	39.89 3.39 -0.01	36.86 3.14 -0.01	32.44 2.54 -0.01	32.06 2.60 -1.22	28.16 2.47 -1.26	24.43 2.24 -0.01
KEDC_GLWD_GT4 24219	21.21 1.59 0.00	19.09 1.38 0.00	17.98 1.22 0.00	17.78 1.15 0.00	17.86 1.11 0.00	18.79 1.25 0.00	21.93 1.53 -0.03	24.06 1.72 0.00	24.96 1.87 0.00	25.18 2.04 -0.01	26.81 2.28 -0.01	29.40 2.26 -1.14	30.93 2.39 -1.66	31.47 2.53 -0.89	32.11 2.63 -0.24	33.21 2.65 -0.40	38.26 2.84 -0.73	41.83 3.22 -0.34	39.24 2.74 -0.01	36.39 2.66 -0.01	32.24 2.33 -0.01	31.67 2.20 -1.22	27.72 2.03 -1.26	24.08 1.88 -0.01
KEDC_GLWD_GT5 24220	21.21 1.59 0.00	19.09 1.38 0.00	17.98 1.22 0.00	17.78 1.15 0.00	17.86 1.11 0.00	18.79 1.25 0.00	21.93 1.53 -0.03	24.06 1.72 0.00	24.96 1.87 0.00	25.18 2.04 -0.01	26.81 2.28 -0.01	29.40 2.26 -1.14	30.93 2.39 -1.66	31.47 2.53 -0.89	32.11 2.63 -0.24	33.21 2.65 -0.40	38.26 2.84 -0.73	41.83 3.22 -0.34	39.24 2.74 -0.01	36.39 2.66 -0.01	32.24 2.33 -0.01	31.67 2.20 -1.22	27.72 2.03 -1.26	24.08 1.88 -0.01
KENSICO____ 23655	20.89 1.28 0.00	18.82 1.12 0.00	17.78 1.02 0.00	17.61 0.98 0.00	17.69 0.94 0.00	18.55 1.00 0.00	21.78 1.38 -0.03	23.81 1.47 0.00	24.68 1.59 0.00	24.74 1.60 0.00	26.33 1.81 0.00	27.83 1.82 0.00	28.78 1.91 0.00	30.23 2.05 -0.12	31.51 2.05 -0.23	32.58 2.05 -0.38	37.76 2.36 -0.72	41.24 2.64 -0.33	38.71 2.23 0.00	35.78 2.06 0.00	31.69 1.79 0.00	29.97 1.72 0.00	26.04 1.61 0.00	23.65 1.46 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	20.82 1.20 0.00	18.71 1.01 0.00	17.69 0.94 0.00	17.53 0.90 0.00	17.61 0.85 0.00	18.46 0.91 0.00	21.68 1.28 -0.03	23.65 1.32 0.00	24.47 1.39 0.00	24.50 1.37 0.00	26.04 1.52 0.00	27.57 1.56 0.00	28.48 1.61 0.00	29.86 1.74 -0.07	31.11 1.75 -0.12	32.14 1.78 -0.20	37.27 2.22 -0.37	41.04 2.60 -0.17	38.64 2.15 0.00	35.67 1.96 0.00	31.63 1.73 0.00	29.97 1.72 0.00	26.00 1.56 0.00	23.61 1.42 0.00
KIAC_JFK_GT1 23816	20.97 1.35 0.00	18.87 1.17 0.00	17.83 1.07 0.00	17.65 1.01 0.00	17.73 0.97 0.00	18.62 1.07 0.00	21.92 1.53 -0.03	24.01 1.68 0.00	24.96 1.87 0.00	24.99 1.85 0.00	26.50 1.99 0.00	28.01 2.00 0.00	28.97 2.10 0.00	30.48 2.30 -0.12	31.69 2.22 -0.23	32.58 2.05 -0.38	37.76 2.36 -0.72	41.20 2.60 -0.33	38.68 2.19 0.00	35.71 1.99 0.00	31.54 1.64 0.00	29.94 1.69 0.00	26.24 1.81 0.00	23.74 1.55 0.00
KIAC_JFK_GT2 23817	20.97 1.35 0.00	18.87 1.17 0.00	17.83 1.07 0.00	17.65 1.01 0.00	17.73 0.97 0.00	18.62 1.07 0.00	21.92 1.53 -0.03	24.01 1.68 0.00	24.96 1.87 0.00	24.99 1.85 0.00	26.50 1.99 0.00	28.01 2.00 0.00	28.97 2.10 0.00	30.48 2.30 -0.12	31.69 2.22 -0.23	32.58 2.05 -0.38	37.76 2.36 -0.72	41.20 2.60 -0.33	38.68 2.19 0.00	35.71 1.99 0.00	31.54 1.64 0.00	29.94 1.69 0.00	26.24 1.81 0.00	23.74 1.55 0.00
KIAC_JFK____ 323774	20.97 1.35 0.00	18.87 1.17 0.00	17.83 1.07 0.00	17.63 1.00 0.00	17.73 0.97 0.00	18.62 1.07 0.00	21.82 1.43 -0.03	23.94 1.61 0.00	24.82 1.73 0.00	24.99 1.85 0.00	26.50 1.99 0.00	28.01 2.00 0.00	28.97 2.10 0.00	30.45 2.27 -0.12	31.69 2.22 -0.23	32.58 2.05 -0.38	37.80 2.39 -0.73	41.36 2.76 -0.33	38.75 2.26 0.00	35.67 1.95 0.00	31.54 1.64 0.00	29.94 1.69 0.00	26.24 1.81 0.00	23.74 1.55 0.00
KINTIGH____ 23543	19.46 -0.16 0.00	17.14 -0.57 0.00	16.20 -0.55 0.00	16.10 -0.53 0.00	16.32 -0.44 0.00	17.14 -0.40 0.00	19.98 -0.39 0.00	22.05 -0.29 0.00	22.95 -0.14 0.00	23.21 0.07 0.00	24.76 0.25 0.00	26.35 0.34 0.00	27.52 0.64 0.00	28.53 0.48 0.00	29.88 0.64 0.00	30.76 0.60 0.00	35.20 0.52 0.00	38.39 0.11 0.00	37.07 0.58 0.00	34.09 0.37 0.00	30.23 0.33 0.00	28.47 0.23 0.00	24.68 0.24 0.00	22.54 0.35 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	19.91 0.29 0.00	18.11 0.41 0.00	17.11 0.35 0.00	17.03 0.40 0.00	17.21 0.45 0.00	18.02 0.47 0.00	20.69 0.33 0.00	22.94 0.60 0.00	23.80 0.72 0.00	23.74 0.60 0.00	24.98 0.47 0.00	26.53 0.52 0.00	27.49 0.62 0.00	28.70 0.65 0.00	29.94 0.70 0.00	30.91 0.75 0.00	35.65 0.97 0.00	39.34 1.07 0.00	37.69 1.20 0.00	34.80 1.08 0.00	30.88 0.99 0.00	28.98 0.73 0.00	25.02 0.59 0.00	22.65 0.47 0.00

LACHUTE____HYDRO 323717	21.95 2.33 0.00	19.67 1.96 0.00	18.60 1.84 0.00	18.49 1.86 0.00	18.65 1.89 0.00	19.55 2.00 0.00	22.79 2.38 -0.04	24.93 2.59 0.00	25.70 2.61 0.00	25.73 2.59 0.00	27.19 2.67 0.00	28.71 2.70 0.00	29.58 2.71 0.00	30.62 2.69 0.13	31.77 2.78 0.25	32.77 3.02 0.40	37.54 3.64 0.78	42.28 4.36 0.35	41.09 4.60 0.00	38.30 4.58 0.00	34.29 4.40 0.00	32.37 4.12 0.00	27.61 3.17 0.00	24.98 2.80 0.00
LAWRNCAV_115KV_TB1 80681	19.29 -0.33 0.00	17.53 -0.18 0.00	16.57 -0.18 0.00	16.47 -0.17 0.00	16.60 -0.15 0.00	17.41 -0.14 0.00	19.88 -0.49 0.00	21.87 -0.47 0.00	22.63 -0.46 0.00	22.61 -0.53 0.00	23.86 -0.66 0.00	25.38 -0.62 0.00	26.17 -0.70 0.00	27.36 -0.70 0.00	28.47 -0.76 0.00	29.37 -0.78 0.00	33.81 -0.87 0.00	37.20 -1.07 0.00	35.58 -0.91 0.00	32.94 -0.78 0.00	29.24 -0.66 0.00	27.60 -0.65 0.00	24.07 -0.37 0.00	21.87 -0.31 0.00
LEDERLE____ 23769	20.84 1.22 0.00	18.77 1.06 0.00	17.74 0.99 0.00	17.56 0.93 0.00	17.66 0.90 0.00	18.49 0.95 0.00	21.76 1.36 -0.03	23.77 1.43 0.00	24.64 1.55 0.00	24.69 1.55 0.00	26.28 1.77 0.00	27.80 1.79 0.00	28.78 1.91 0.00	30.19 2.02 -0.11	31.49 2.05 -0.21	32.55 2.05 -0.35	37.66 2.32 -0.66	41.21 2.64 -0.30	38.71 2.23 0.00	35.74 2.02 0.00	31.66 1.76 0.00	29.94 1.69 0.00	26.02 1.59 0.00	23.65 1.46 0.00
LIGHTHSE_115KV_TB6 355974	19.70 0.08 0.00	17.69 -0.02 0.00	16.72 -0.03 0.00	16.62 -0.02 0.00	16.72 -0.03 0.00	17.56 0.02 0.00	20.37 0.00 0.00	22.27 -0.07 0.00	23.18 -0.14 -0.23	23.25 -0.16 -0.28	25.10 -0.10 -0.68	26.98 0.00 -0.97	27.89 -0.08 -1.10	29.33 -0.08 -1.36	30.68 -0.15 -1.59	31.72 -0.18 -1.75	37.09 -0.17 -2.58	41.30 -0.04 -3.07	39.45 0.18 -2.77	36.29 0.30 -2.27	31.68 0.24 -1.54	29.56 0.25 -1.06	25.07 0.17 -0.47	22.60 0.11 -0.31
LINDEN COGEN____ 23786	20.89 1.27 0.00	18.82 1.12 0.00	17.78 1.02 0.00	17.60 0.96 0.00	17.69 0.94 0.00	18.55 1.00 0.00	21.66 1.26 -0.03	23.74 1.41 0.00	24.59 1.50 0.00	24.76 1.62 0.00	26.36 1.84 0.00	27.83 1.82 0.00	28.81 1.94 0.00	30.26 2.08 -0.12	31.48 2.02 -0.23	32.55 2.02 -0.38	37.69 2.29 -0.73	41.24 2.64 -0.33	38.64 2.15 0.00	35.61 1.89 0.00	31.54 1.64 0.00	29.88 1.64 0.00	26.02 1.59 0.00	23.58 1.40 0.00
LINDHRST_69_KV_BK1 356055	21.52 1.90 0.00	19.39 1.68 0.00	18.26 1.51 0.00	18.00 1.36 0.00	18.03 1.27 0.00	19.04 1.49 0.00	22.29 1.89 -0.03	24.44 2.10 0.00	25.47 2.38 0.00	25.59 2.45 0.00	27.19 2.67 0.00	29.82 2.68 -1.14	31.36 2.82 -1.66	31.94 3.00 -0.89	32.54 3.07 -0.23	33.63 3.08 -0.40	39.04 3.64 -0.72	42.73 4.13 -0.33	40.14 3.65 0.00	37.02 3.30 0.00	32.74 2.84 0.00	32.18 2.71 -1.22	28.23 2.54 -1.26	24.54 2.35 0.00
LIPA_MISC_IPP 23656	21.25 1.63 0.00	19.19 1.49 0.00	18.08 1.32 0.00	17.81 1.18 0.00	17.78 1.02 0.00	18.79 1.25 0.00	21.97 1.57 -0.03	24.03 1.70 0.00	25.05 1.96 0.00	25.20 2.06 0.00	26.80 2.28 0.00	29.41 2.26 -1.14	30.93 2.39 -1.66	31.52 2.58 -0.89	32.04 2.57 -0.23	33.15 2.59 -0.40	38.52 3.12 -0.72	42.20 3.60 -0.33	39.63 3.14 0.00	36.65 2.93 0.00	32.29 2.39 0.00	31.87 2.40 -1.22	27.96 2.27 -1.26	24.25 2.06 0.00
LISF____SOLAR 323691	21.25 1.63 0.00	19.21 1.50 0.00	17.98 1.22 0.00	17.75 1.11 0.00	17.78 1.02 0.00	18.81 1.26 0.00	21.86 1.47 -0.03	23.97 1.63 0.00	24.94 1.85 0.00	25.21 2.06 -0.01	26.83 2.30 -0.01	29.40 2.26 -1.14	30.93 2.39 -1.66	31.50 2.55 -0.89	32.08 2.60 -0.24	33.17 2.62 -0.40	38.57 3.16 -0.73	42.32 3.71 -0.34	39.71 3.21 -0.01	36.69 2.97 -0.01	32.36 2.45 -0.01	31.89 2.43 -1.22	27.99 2.30 -1.26	24.28 2.08 -0.01
LITTLE FALLS____HYD 24013	19.23 -0.39 0.00	17.33 -0.37 0.00	16.44 -0.32 0.00	16.33 -0.30 0.00	16.44 -0.32 0.00	17.23 -0.32 0.00	20.02 -0.35 0.00	21.93 -0.40 0.00	22.74 -0.35 0.00	22.82 -0.32 0.00	24.17 -0.34 0.00	25.67 -0.34 0.00	26.52 -0.35 0.00	27.78 -0.28 0.00	28.85 -0.38 0.00	29.79 -0.36 0.00	34.23 -0.45 0.00	37.81 -0.46 0.00	36.05 -0.44 0.00	33.31 -0.40 0.00	29.45 -0.45 0.00	27.85 -0.40 0.00	24.04 -0.39 0.00	21.83 -0.35 0.00
LITTLRIV_115KV_TB1 356100	19.42 -0.20 0.00	17.65 -0.05 0.00	16.69 -0.07 0.00	16.60 -0.03 0.00	16.72 -0.03 0.00	17.56 0.02 0.00	20.04 -0.33 0.00	22.07 -0.27 0.00	22.83 -0.25 0.00	22.79 -0.35 0.00	24.08 -0.44 0.00	25.62 -0.39 0.00	26.39 -0.48 0.00	27.64 -0.42 0.00	28.71 -0.53 0.00	29.58 -0.57 0.00	34.12 -0.55 0.00	37.54 -0.73 0.00	35.98 -0.51 0.00	33.35 -0.37 0.00	29.57 -0.33 0.00	27.88 -0.37 0.00	24.31 -0.12 0.00	22.07 -0.11 0.00
LI_NEWBRDGE____DRP 323616	21.19 1.57 0.00	19.08 1.38 0.00	18.00 1.24 0.00	17.75 1.11 0.00	17.78 1.02 0.00	18.76 1.21 0.00	21.97 1.57 -0.03	24.08 1.74 0.00	25.07 1.99 0.00	25.18 2.04 0.00	26.72 2.21 0.00	29.30 2.16 -1.14	30.77 2.23 -1.66	31.33 2.38 -0.89	31.95 2.48 -0.23	33.05 2.50 -0.40	38.35 2.95 -0.72	41.89 3.29 -0.33	39.33 2.85 0.00	36.28 2.56 0.00	32.11 2.21 0.00	31.53 2.06 -1.22	27.69 2.00 -1.26	24.09 1.91 0.00
LOCKPORT_115KV_TB60_63_64 80432	19.60 -0.02 0.00	17.19 -0.51 0.00	16.24 -0.52 0.00	16.13 -0.50 0.00	16.37 -0.39 0.00	17.23 -0.32 0.00	19.98 -0.39 0.00	22.09 -0.25 0.00	22.88 -0.21 0.00	23.19 0.05 0.00	24.79 0.27 0.00	26.42 0.42 0.00	27.68 0.81 0.00	28.67 0.62 0.00	30.02 0.79 0.00	30.91 0.75 0.00	35.41 0.73 0.00	38.46 0.19 0.00	37.26 0.77 0.00	34.16 0.44 0.00	30.29 0.39 0.00	28.53 0.28 0.00	24.75 0.32 0.00	22.61 0.42 0.00
LOCKPORT____CC1 323769	19.60 -0.02 0.00	17.17 -0.53 0.00	16.25 -0.50 0.00	16.17 -0.47 0.00	16.37 -0.38 0.00	17.21 -0.33 0.00	20.51 0.14 0.00	22.04 -0.29 0.00	22.84 -0.25 0.00	23.16 0.02 0.00	24.81 0.30 0.00	26.61 0.60 0.00	27.68 0.81 0.00	28.79 0.73 0.00	30.02 0.79 0.00	30.88 0.72 0.00	35.30 0.62 0.00	38.42 0.15 0.00	37.15 0.66 0.00	34.26 0.54 0.00	30.23 0.33 0.00	28.53 0.28 0.00	24.73 0.29 0.00	22.61 0.42 0.00
LOCKPORT____CC2 323770	19.60 -0.02 0.00	17.17 -0.53 0.00	16.25 -0.50 0.00	16.17 -0.47 0.00	16.37 -0.38 0.00	17.21 -0.33 0.00	20.51 0.14 0.00	22.04 -0.29 0.00	22.84 -0.25 0.00	23.16 0.02 0.00	24.81 0.30 0.00	26.61 0.60 0.00	27.68 0.81 0.00	28.79 0.73 0.00	30.02 0.79 0.00	30.88 0.72 0.00	35.30 0.62 0.00	38.42 0.15 0.00	37.15 0.66 0.00	34.26 0.54 0.00	30.23 0.33 0.00	28.53 0.28 0.00	24.73 0.29 0.00	22.61 0.42 0.00
LOCKPORT____CC3 323771	19.60 -0.02 0.00	17.17 -0.53 0.00	16.25 -0.50 0.00	16.17 -0.47 0.00	16.37 -0.38 0.00	17.21 -0.33 0.00	20.51 0.14 0.00	22.04 -0.29 0.00	22.84 -0.25 0.00	23.16 0.02 0.00	24.81 0.30 0.00	26.61 0.60 0.00	27.68 0.81 0.00	28.79 0.73 0.00	30.02 0.79 0.00	30.88 0.72 0.00	35.30 0.62 0.00	38.42 0.15 0.00	37.15 0.66 0.00	34.26 0.54 0.00	30.23 0.33 0.00	28.53 0.28 0.00	24.73 0.29 0.00	22.61 0.42 0.00

LONG_LAKE_PHOENIX 24014	19.40 -0.22 0.00	17.42 -0.28 0.00	16.47 -0.28 0.00	16.37 -0.27 0.00	16.49 -0.27 0.00	17.28 -0.26 0.00	20.08 -0.29 0.00	21.96 -0.38 0.00	23.12 -0.44 -0.47	23.28 -0.39 -0.53	25.45 -0.37 -1.30	27.56 -0.31 -1.86	28.64 -0.35 -2.12	30.27 -0.39 -2.61	31.94 -0.35 -3.05	33.16 -0.36 -3.37	39.27 -0.38 -4.97	44.01 -0.46 -6.20	41.77 -0.33 -5.61	37.98 -0.34 -4.59	32.71 -0.30 -3.12	30.07 -0.31 -2.14	25.06 -0.32 -0.95	22.52 -0.29 -0.62
LOVETT___3 23632	20.76 1.14 0.00	18.70 0.99 0.00	17.68 0.92 0.00	17.51 0.88 0.00	17.59 0.84 0.00	18.44 0.89 0.00	21.68 1.28 -0.03	23.68 1.34 0.00	24.54 1.45 0.00	24.57 1.43 0.00	26.18 1.67 0.00	27.67 1.66 0.00	28.62 1.75 0.00	30.05 1.88 -0.12	31.35 1.90 -0.21	32.40 1.90 -0.35	37.50 2.15 -0.67	41.02 2.45 -0.31	38.53 2.04 0.00	35.57 1.85 0.00	31.51 1.61 0.00	29.80 1.55 0.00	25.90 1.47 0.00	23.54 1.35 0.00
LOVETT___4 23642	20.76 1.14 0.00	18.70 0.99 0.00	17.68 0.92 0.00	17.51 0.88 0.00	17.59 0.84 0.00	18.44 0.89 0.00	21.68 1.28 -0.03	23.68 1.34 0.00	24.54 1.45 0.00	24.57 1.43 0.00	26.18 1.67 0.00	27.67 1.66 0.00	28.62 1.75 0.00	30.05 1.88 -0.12	31.35 1.90 -0.21	32.40 1.90 -0.35	37.50 2.15 -0.67	41.02 2.45 -0.31	38.53 2.04 0.00	35.57 1.85 0.00	31.51 1.61 0.00	29.80 1.55 0.00	25.90 1.47 0.00	23.54 1.35 0.00
LOVETT___5 23593	20.76 1.14 0.00	18.70 0.99 0.00	17.68 0.92 0.00	17.51 0.88 0.00	17.59 0.84 0.00	18.44 0.89 0.00	21.68 1.28 -0.03	23.68 1.34 0.00	24.54 1.45 0.00	24.57 1.43 0.00	26.18 1.67 0.00	27.67 1.66 0.00	28.62 1.75 0.00	30.05 1.88 -0.12	31.35 1.90 -0.21	32.40 1.90 -0.35	37.50 2.15 -0.67	41.02 2.45 -0.31	38.53 2.04 0.00	35.57 1.85 0.00	31.51 1.61 0.00	29.80 1.55 0.00	25.90 1.47 0.00	23.54 1.35 0.00
LOWER_RAQUET___HYD 24057	19.27 -0.35 0.00	17.51 -0.19 0.00	16.56 -0.20 0.00	16.47 -0.17 0.00	16.59 -0.17 0.00	17.41 -0.14 0.00	19.84 -0.53 0.00	21.82 -0.51 0.00	22.58 -0.51 0.00	22.56 -0.58 0.00	23.81 -0.71 0.00	25.31 -0.70 0.00	26.12 -0.75 0.00	27.30 -0.76 0.00	28.39 -0.85 0.00	29.28 -0.88 0.00	33.71 -0.97 0.00	37.04 -1.23 0.00	35.51 -0.98 0.00	32.88 -0.84 0.00	29.15 -0.75 0.00	27.51 -0.73 0.00	24.04 -0.39 0.00	21.87 -0.31 0.00
LOWER___HUDSON 24059	20.56 0.94 0.00	18.54 0.83 0.00	17.56 0.80 0.00	17.40 0.77 0.00	17.53 0.77 0.00	18.34 0.79 0.00	21.44 1.04 -0.04	23.34 1.01 0.00	24.10 1.01 0.00	24.20 1.07 0.00	25.65 1.13 0.00	27.10 1.09 0.00	28.00 1.13 0.00	29.00 1.12 0.18	30.05 1.14 0.33	30.86 1.24 0.53	35.04 1.39 1.03	39.41 1.61 0.47	38.02 1.53 0.00	35.13 1.42 0.00	31.30 1.41 0.00	29.60 1.36 0.00	25.51 1.07 0.00	23.25 1.06 0.00
LOWVILLE_115KV_TB2 356335	19.99 0.37 0.00	17.99 0.28 0.00	17.02 0.27 0.00	16.90 0.27 0.00	16.99 0.23 0.00	17.86 0.32 0.00	20.63 0.26 0.00	22.54 0.20 0.00	23.29 0.12 -0.09	23.33 0.12 -0.08	24.93 0.22 -0.19	26.75 0.47 -0.27	27.40 0.21 -0.31	28.72 0.28 -0.38	29.74 0.06 -0.45	30.74 0.09 -0.49	35.77 0.35 -0.75	39.88 0.46 -1.15	38.26 0.73 -1.04	35.52 0.94 -0.85	31.25 0.78 -0.58	29.29 0.65 -0.40	25.19 0.59 -0.18	22.77 0.47 -0.12
LUTHERFT_115KV_GLOB_FND_222 355753	20.86 1.24 0.00	18.78 1.08 0.00	17.78 1.02 0.00	17.65 1.01 0.00	17.76 1.01 0.00	18.60 1.05 0.00	21.77 1.36 -0.04	23.72 1.38 0.00	24.54 1.45 0.00	24.50 1.37 0.00	25.96 1.45 0.00	27.44 1.43 0.00	28.35 1.48 0.00	29.43 1.52 0.14	30.50 1.52 0.26	31.40 1.66 0.42	35.78 1.91 0.80	40.12 2.22 0.37	38.68 2.19 0.00	35.91 2.19 0.00	31.93 2.03 0.00	30.19 1.95 0.00	26.00 1.56 0.00	23.65 1.46 0.00
LUTHERNY_35_KV_BK2 355980	20.88 1.26 0.00	18.78 1.08 0.00	17.79 1.04 0.00	17.65 1.01 0.00	17.78 1.02 0.00	18.60 1.05 0.00	21.77 1.36 -0.04	23.72 1.38 0.00	24.54 1.45 0.00	24.53 1.39 0.00	25.96 1.45 0.00	27.46 1.46 0.00	28.38 1.50 0.00	29.43 1.52 0.14	30.50 1.52 0.26	31.40 1.66 0.42	35.78 1.91 0.80	40.16 2.26 0.37	38.71 2.23 0.00	35.91 2.19 0.00	31.96 2.06 0.00	30.22 1.98 0.00	26.02 1.59 0.00	23.65 1.46 0.00
LWR___OSWEGATCHIE_HYD 23850	19.58 -0.04 0.00	17.70 0.00 0.00	16.74 -0.02 0.00	16.63 0.00 0.00	16.76 0.00 0.00	17.60 0.05 0.00	20.18 -0.18 0.00	22.11 -0.22 0.00	22.88 -0.28 -0.07	22.90 -0.30 -0.06	24.35 -0.32 -0.15	26.04 -0.18 -0.21	26.76 -0.35 -0.24	28.05 -0.31 -0.30	29.09 -0.50 -0.35	30.05 -0.48 -0.38	34.84 -0.42 -0.58	38.67 -0.50 -0.90	37.05 -0.26 -0.81	34.35 -0.03 -0.67	30.29 -0.06 -0.45	28.44 -0.11 -0.31	24.62 0.05 -0.14	22.30 0.02 -0.09
LYONS_FALL_HYD 23570	19.99 0.37 0.00	17.99 0.28 0.00	17.02 0.27 0.00	16.90 0.27 0.00	16.99 0.23 0.00	17.86 0.32 0.00	20.67 0.31 0.00	22.65 0.31 0.00	23.40 0.25 -0.05	23.44 0.26 -0.05	25.01 0.37 -0.12	26.73 0.55 -0.17	27.47 0.40 -0.20	28.77 0.48 -0.24	29.87 0.35 -0.28	30.85 0.39 -0.31	35.83 0.66 -0.49	39.80 0.80 -0.72	38.09 0.95 -0.65	35.26 1.01 -0.53	31.10 0.84 -0.36	29.23 0.73 -0.25	25.15 0.61 -0.11	22.75 0.49 -0.07
MADISON___COUNTY_LFGE 323628	20.13 0.51 0.00	18.08 0.37 0.00	17.11 0.35 0.00	16.98 0.35 0.00	17.09 0.34 0.00	17.95 0.40 0.00	20.82 0.45 0.00	22.80 0.47 0.00	23.59 0.44 -0.06	23.65 0.44 -0.07	25.25 0.56 -0.17	27.00 0.75 -0.24	27.79 0.64 -0.27	29.12 0.73 -0.33	30.38 0.76 -0.39	31.36 0.78 -0.42	36.53 1.14 -0.71	40.55 1.38 -0.90	38.77 1.46 -0.82	35.77 1.38 -0.67	31.49 1.14 -0.45	29.55 0.99 -0.31	25.38 0.81 -0.14	22.96 0.69 -0.09
MALONE___115KV_TB1 356076	19.66 0.04 0.00	17.90 0.19 0.00	16.91 0.15 0.00	16.81 0.18 0.00	16.99 0.23 0.00	17.81 0.26 0.00	20.41 0.04 0.00	22.60 0.27 0.00	23.46 0.37 0.00	23.39 0.25 0.00	24.64 0.12 0.00	26.16 0.16 0.00	27.09 0.21 0.00	28.31 0.25 0.00	29.50 0.26 0.00	30.43 0.27 0.00	35.06 0.38 0.00	38.65 0.38 0.00	37.00 0.51 0.00	34.22 0.51 0.00	30.35 0.45 0.00	28.53 0.28 0.00	24.68 0.24 0.00	22.36 0.18 0.00
MAPLEWOD_115KV_TB3 80458	20.54 0.92 0.00	18.55 0.85 0.00	17.56 0.80 0.00	17.41 0.78 0.00	17.53 0.77 0.00	18.34 0.79 0.00	21.44 1.04 -0.04	23.36 1.03 0.00	24.15 1.06 0.00	24.13 1.00 0.00	25.62 1.10 0.00	27.07 1.07 0.00	27.97 1.10 0.00	29.14 1.21 0.12	30.21 1.20 0.23	31.05 1.27 0.37	35.42 1.46 0.72	39.67 1.72 0.33	38.02 1.53 0.00	35.24 1.52 0.00	31.30 1.41 0.00	29.63 1.38 0.00	25.53 1.10 0.00	23.25 1.06 0.00
MAPLE_RIDGE_WT_1 323574	19.23 -0.39 0.00	17.42 -0.28 0.00	16.49 -0.27 0.00	16.37 -0.27 0.00	16.50 -0.25 0.00	17.30 -0.25 0.00	19.98 -0.39 0.00	22.04 -0.29 0.00	22.81 -0.28 0.00	22.86 -0.28 0.00	24.15 -0.37 0.00	25.62 -0.39 0.00	26.47 -0.40 0.00	27.64 -0.42 0.00	28.80 -0.44 0.00	29.70 -0.45 0.00	34.16 -0.52 0.00	37.66 -0.61 0.00	35.90 -0.59 0.00	33.11 -0.61 0.00	29.33 -0.57 0.00	27.68 -0.56 0.00	23.94 -0.49 0.00	21.70 -0.49 0.00

MAPLE_RIDGE_WT_2 323611	19.23 -0.39 0.00	17.42 -0.28 0.00	16.49 -0.27 0.00	16.37 -0.27 0.00	16.50 -0.25 0.00	17.30 -0.25 0.00	19.98 -0.39 0.00	22.04 -0.29 0.00	22.81 -0.28 0.00	22.86 -0.28 0.00	24.15 -0.37 0.00	25.62 -0.39 0.00	26.47 -0.40 0.00	27.64 -0.42 0.00	28.80 -0.44 0.00	29.70 -0.45 0.00	34.16 -0.52 0.00	37.66 -0.61 0.00	35.90 -0.59 0.00	33.11 -0.61 0.00	29.33 -0.57 0.00	27.68 -0.56 0.00	23.94 -0.49 0.00	21.70 -0.49 0.00
MARBLE_RIVER_WT_PWR 323696	19.70 0.08 0.00	17.92 0.21 0.00	16.94 0.18 0.00	16.85 0.22 0.00	17.02 0.27 0.00	17.83 0.28 0.00	20.47 0.10 0.00	22.67 0.34 0.00	23.50 0.42 0.00	23.49 0.35 0.00	24.74 0.22 0.00	26.24 0.23 0.00	27.20 0.32 0.00	28.39 0.34 0.00	29.59 0.35 0.00	30.52 0.36 0.00	35.20 0.52 0.00	38.81 0.54 0.00	37.11 0.62 0.00	34.29 0.57 0.00	30.40 0.51 0.00	28.59 0.34 0.00	24.70 0.27 0.00	22.38 0.20 0.00
MARSHVLE_115KV_TB1 80742	21.54 1.92 0.00	19.33 1.63 0.00	18.30 1.54 0.00	18.16 1.53 0.00	18.31 1.56 0.00	19.23 1.68 0.00	22.51 2.10 -0.05	24.61 2.28 0.00	25.40 2.31 0.00	25.29 2.15 0.00	26.80 2.28 0.00	28.35 2.34 0.00	29.26 2.39 0.00	30.50 2.53 0.08	31.89 2.81 0.15	32.87 2.96 0.24	37.65 3.43 0.46	42.08 4.02 0.21	40.50 4.01 0.00	37.56 3.84 0.00	33.39 3.50 0.00	31.55 3.30 0.00	27.12 2.69 0.00	24.54 2.35 0.00
MARSH_HILL_WT_PWR 323713	20.17 0.55 0.00	17.84 0.14 0.00	16.87 0.12 0.00	16.78 0.15 0.00	16.99 0.23 0.00	17.90 0.35 0.00	21.15 0.77 -0.01	23.01 0.67 0.00	23.84 0.69 -0.06	24.00 0.79 -0.07	25.79 1.10 -0.17	27.65 1.40 -0.24	28.73 1.59 -0.27	29.99 1.60 -0.34	31.32 1.69 -0.39	32.22 1.66 -0.41	37.02 1.77 -0.58	40.67 1.68 -0.71	39.10 1.97 -0.65	35.93 1.69 -0.53	31.60 1.35 -0.36	29.79 1.30 -0.25	25.59 1.05 -0.11	23.30 1.04 -0.07
MCINTYRE_115KV_TB2 80467	19.48 -0.14 0.00	17.72 0.02 0.00	16.74 -0.02 0.00	16.67 0.03 0.00	16.77 0.02 0.00	17.62 0.07 0.00	20.12 -0.24 0.00	22.22 -0.11 0.00	23.00 -0.09 0.00	22.95 -0.19 0.00	24.22 -0.29 0.00	25.77 -0.23 0.00	26.55 -0.32 0.00	27.78 -0.28 0.00	28.85 -0.38 0.00	29.76 -0.39 0.00	34.33 -0.35 0.00	37.85 -0.42 0.00	36.23 -0.26 0.00	33.58 -0.13 0.00	29.81 -0.09 0.00	28.08 -0.17 0.00	24.43 0.00 0.00	22.16 -0.02 0.00
MECO____69_KV_BK1 80468	21.76 2.14 0.00	19.53 1.82 0.00	18.50 1.74 0.00	18.38 1.75 0.00	18.53 1.78 0.00	19.44 1.90 0.00	22.69 2.28 -0.05	24.79 2.46 0.00	25.56 2.47 0.00	25.34 2.20 0.00	26.94 2.43 0.00	28.45 2.44 0.00	29.40 2.53 0.00	30.58 2.61 0.09	31.82 2.75 0.16	32.85 2.96 0.26	37.81 3.64 0.51	42.36 4.32 0.23	40.98 4.49 0.00	38.07 4.35 0.00	33.87 3.98 0.00	31.97 3.73 0.00	27.49 3.05 0.00	24.87 2.68 0.00
MENANDS__115KV_TB5 355628	20.36 0.75 0.00	18.39 0.69 0.00	17.43 0.67 0.00	17.26 0.63 0.00	17.38 0.62 0.00	18.18 0.63 0.00	21.26 0.86 -0.04	23.14 0.80 0.00	23.92 0.83 0.00	23.93 0.79 0.00	25.40 0.88 0.00	26.84 0.83 0.00	27.73 0.86 0.00	28.86 0.93 0.13	29.91 0.91 0.23	30.74 0.96 0.38	35.02 1.08 0.73	39.20 1.26 0.33	37.58 1.09 0.00	34.80 1.08 0.00	30.94 1.05 0.00	29.29 1.05 0.00	25.24 0.81 0.00	23.03 0.84 0.00
MG INDUSTRY__DRP 24185	20.40 0.78 0.00	18.43 0.73 0.00	17.46 0.70 0.00	17.33 0.70 0.00	17.44 0.69 0.00	18.23 0.68 0.00	21.30 0.90 -0.04	23.23 0.89 0.00	23.99 0.90 0.00	23.97 0.83 0.00	25.42 0.91 0.00	26.89 0.88 0.00	27.79 0.91 0.00	28.96 0.98 0.07	30.06 0.96 0.14	30.95 1.03 0.22	35.39 1.14 0.44	39.41 1.34 0.20	37.69 1.20 0.00	34.87 1.15 0.00	31.00 1.11 0.00	29.38 1.13 0.00	25.34 0.90 0.00	23.09 0.91 0.00
MID__OSWEGATCHIE_HYD 23849	19.58 -0.04 0.00	17.70 0.00 0.00	16.74 -0.02 0.00	16.63 0.00 0.00	16.76 0.00 0.00	17.60 0.05 0.00	20.18 -0.18 0.00	22.11 -0.22 0.00	22.88 -0.28 -0.07	22.90 -0.30 -0.06	24.35 -0.32 -0.15	26.04 -0.18 -0.21	26.76 -0.35 -0.24	28.05 -0.31 -0.30	29.09 -0.50 -0.35	30.05 -0.48 -0.38	34.84 -0.42 -0.58	38.67 -0.50 -0.90	37.05 -0.26 -0.81	34.35 -0.03 -0.67	30.29 -0.06 -0.45	28.44 -0.11 -0.31	24.62 0.05 -0.14	22.30 0.02 -0.09
MID__RAQUETTE_HYD 23851	19.27 -0.35 0.00	17.51 -0.19 0.00	16.55 -0.20 0.00	16.47 -0.17 0.00	16.59 -0.17 0.00	17.41 -0.14 0.00	19.84 -0.53 0.00	21.82 -0.51 0.00	22.58 -0.51 0.00	22.56 -0.58 0.00	23.81 -0.71 0.00	25.33 -0.68 0.00	26.09 -0.78 0.00	27.30 -0.76 0.00	28.39 -0.85 0.00	29.28 -0.87 0.00	33.71 -0.97 0.00	37.05 -1.22 0.00	35.47 -1.02 0.00	32.88 -0.84 0.00	29.15 -0.75 0.00	27.51 -0.73 0.00	24.04 -0.39 0.00	21.87 -0.31 0.00
MILLIKEN__1 23584	20.15 0.53 0.00	18.04 0.34 0.00	17.04 0.28 0.00	16.95 0.32 0.00	17.09 0.34 0.00	17.93 0.39 0.00	20.86 0.49 -0.01	22.83 0.49 0.00	23.72 0.46 -0.17	23.85 0.51 -0.20	25.66 0.66 -0.48	27.48 0.78 -0.69	28.44 0.78 -0.79	29.81 0.79 -0.97	31.22 0.85 -1.14	32.28 0.90 -1.22	37.54 1.11 -1.75	41.72 1.26 -2.18	39.85 1.39 -1.97	36.55 1.21 -1.62	32.07 1.08 -1.10	29.93 0.93 -0.75	25.50 0.73 -0.33	23.07 0.67 -0.22
MILLIKEN__2 23585	20.15 0.53 0.00	18.04 0.34 0.00	17.04 0.28 0.00	16.95 0.32 0.00	17.09 0.34 0.00	17.93 0.39 0.00	20.86 0.49 -0.01	22.83 0.49 0.00	23.72 0.46 -0.17	23.85 0.51 -0.20	25.66 0.66 -0.48	27.48 0.78 -0.69	28.44 0.78 -0.79	29.81 0.79 -0.97	31.22 0.85 -1.14	32.28 0.90 -1.22	37.54 1.11 -1.75	41.72 1.26 -2.18	39.85 1.39 -1.97	36.55 1.21 -1.62	32.07 1.08 -1.10	29.93 0.93 -0.75	25.50 0.73 -0.33	23.07 0.67 -0.22
MILLIKEN__DIESEL 23629	20.15 0.53 0.00	18.04 0.34 0.00	17.04 0.28 0.00	16.95 0.32 0.00	17.09 0.34 0.00	17.93 0.39 0.00	20.86 0.49 -0.01	22.83 0.49 0.00	23.72 0.46 -0.17	23.85 0.51 -0.20	25.66 0.66 -0.48	27.48 0.78 -0.69	28.44 0.78 -0.79	29.81 0.79 -0.97	31.22 0.85 -1.14	32.28 0.90 -1.22	37.54 1.11 -1.75	41.72 1.26 -2.18	39.85 1.39 -1.97	36.55 1.21 -1.62	32.07 1.08 -1.10	29.93 0.93 -0.75	25.50 0.73 -0.33	23.07 0.67 -0.22
MILLSEAT__LFGE 323607	19.84 0.22 0.00	17.44 -0.27 0.00	16.49 -0.27 0.00	16.42 -0.22 0.00	16.60 -0.15 0.00	17.48 -0.07 0.00	20.80 0.43 0.00	22.40 0.07 0.00	23.20 0.12 0.00	23.49 0.35 0.00	25.13 0.61 0.00	26.89 0.88 0.00	28.00 1.13 0.00	29.15 1.09 0.00	30.46 1.23 0.00	31.33 1.17 0.00	35.89 1.21 0.00	39.11 0.84 0.00	37.84 1.35 0.00	34.97 1.25 0.00	30.82 0.93 0.00	29.07 0.82 0.00	25.14 0.71 0.00	22.94 0.75 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	20.84 1.22 0.00	18.77 1.06 0.00	17.74 0.99 0.00	17.58 0.95 0.00	17.66 0.90 0.00	18.51 0.97 0.00	21.74 1.34 -0.03	23.74 1.41 0.00	24.61 1.52 0.00	24.67 1.53 0.00	26.26 1.74 0.00	27.75 1.74 0.00	28.70 1.83 0.00	30.14 1.96 -0.12	31.42 1.96 -0.23	32.52 1.99 -0.37	37.65 2.25 -0.72	41.16 2.56 -0.33	38.64 2.15 0.00	35.67 1.96 0.00	31.60 1.70 0.00	29.91 1.67 0.00	25.97 1.54 0.00	23.61 1.42 0.00

MILLWOOD_13_KV_LOAD 356217	20.88 1.26 0.00	18.80 1.10 0.00	17.78 1.02 0.00	17.61 0.98 0.00	17.69 0.94 0.00	18.55 1.00 0.00	21.78 1.38 -0.03	23.79 1.45 0.00	24.64 1.55 0.00	24.69 1.55 0.00	26.28 1.77 0.00	27.80 1.79 0.00	28.75 1.88 0.00	30.20 2.02 -0.12	31.48 2.02 -0.23	32.58 2.05 -0.37	37.75 2.36 -0.72	41.24 2.64 -0.33	38.71 2.23 0.00	35.78 2.06 0.00	31.69 1.79 0.00	29.97 1.72 0.00	26.02 1.59 0.00	23.65 1.46 0.00
MODEL_CITY_ENERGY 24167	19.42 -0.20 0.00	17.01 -0.69 0.00	16.10 -0.65 0.00	16.02 -0.62 0.00	16.22 -0.54 0.00	17.06 -0.49 0.00	20.31 -0.06 -0.01	21.78 -0.56 0.00	22.56 -0.53 0.00	22.91 -0.23 0.00	24.52 0.00 0.00	26.27 0.26 0.00	27.33 0.46 0.00	28.45 0.39 0.00	29.64 0.41 0.00	30.49 0.33 0.00	34.85 0.17 0.00	37.96 -0.31 0.00	36.67 0.18 0.00	33.82 0.10 0.00	29.84 -0.06 0.00	28.19 -0.06 0.00	24.43 0.00 0.00	22.34 0.16 0.00
MODERN_LFGE_ 323580	19.42 -0.20 0.00	17.01 -0.69 0.00	16.10 -0.65 0.00	16.02 -0.62 0.00	16.22 -0.54 0.00	17.06 -0.49 0.00	20.31 -0.06 -0.01	21.78 -0.56 0.00	22.56 -0.53 0.00	22.91 -0.23 0.00	24.52 0.00 0.00	26.27 0.26 0.00	27.33 0.46 0.00	28.45 0.39 0.00	29.64 0.41 0.00	30.49 0.33 0.00	34.85 0.17 0.00	37.96 -0.31 0.00	36.67 0.18 0.00	33.82 0.10 0.00	29.84 -0.06 0.00	28.19 -0.06 0.00	24.43 0.00 0.00	22.34 0.16 0.00
MOHAWK_PAPER___DRP 24187	20.54 0.92 0.00	18.55 0.85 0.00	17.56 0.80 0.00	17.41 0.78 0.00	17.53 0.77 0.00	18.34 0.79 0.00	21.44 1.04 -0.04	23.36 1.03 0.00	24.15 1.06 0.00	24.13 1.00 0.00	25.62 1.10 0.00	27.07 1.07 0.00	27.97 1.10 0.00	29.14 1.21 0.12	30.21 1.20 0.23	31.05 1.27 0.37	35.42 1.46 0.72	39.67 1.72 0.33	38.02 1.53 0.00	35.24 1.52 0.00	31.30 1.41 0.00	29.63 1.38 0.00	25.53 1.10 0.00	23.25 1.06 0.00
MOHICAN__35_KV_115KV_LD 80490	20.97 1.35 0.00	18.84 1.13 0.00	17.84 1.09 0.00	17.71 1.08 0.00	17.83 1.07 0.00	18.67 1.12 0.00	21.87 1.47 -0.04	23.83 1.50 0.00	24.68 1.59 0.00	24.62 1.48 0.00	25.99 1.47 0.00	27.44 1.43 0.00	28.35 1.48 0.00	29.32 1.40 0.13	30.36 1.37 0.25	31.28 1.54 0.41	35.73 1.84 0.79	40.13 2.22 0.36	38.86 2.37 0.00	36.25 2.53 0.00	32.29 2.39 0.00	30.51 2.26 0.00	26.17 1.73 0.00	23.76 1.58 0.00
MONGAUP___HYD 23641	20.68 1.06 0.00	18.59 0.88 0.00	17.58 0.82 0.00	17.41 0.78 0.00	17.53 0.77 0.00	18.37 0.82 0.00	21.45 1.06 -0.03	23.45 1.12 0.00	24.20 1.11 0.00	24.32 1.18 0.00	25.82 1.30 0.00	27.31 1.30 0.00	28.24 1.37 0.00	29.62 1.46 -0.10	30.86 1.43 -0.19	31.94 1.48 -0.31	37.08 1.80 -0.60	40.76 2.22 -0.27	38.46 1.97 0.00	35.47 1.75 0.00	31.48 1.58 0.00	29.80 1.55 0.00	25.82 1.39 0.00	23.49 1.31 0.00
MONTAUK___DIESEL 23721	21.97 2.35 0.00	19.86 2.16 0.00	18.70 1.94 0.00	18.41 1.78 0.00	18.36 1.61 0.00	19.44 1.90 0.00	22.70 2.30 -0.03	24.95 2.61 0.00	26.04 2.96 0.00	26.22 3.08 0.00	27.92 3.41 0.00	30.65 3.51 -1.14	32.22 3.68 -1.66	32.87 3.93 -0.89	33.41 3.95 -0.23	34.59 4.04 -0.40	40.15 4.75 -0.72	44.04 5.43 -0.33	41.34 4.85 0.00	38.17 4.45 0.00	33.54 3.65 0.00	33.05 3.59 -1.22	28.96 3.27 -1.26	25.14 2.95 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	19.84 0.22 0.00	17.47 -0.23 0.00	16.49 -0.27 0.00	16.42 -0.22 0.00	16.72 -0.03 0.00	17.65 0.11 0.00	20.72 0.35 -0.01	23.10 0.76 0.00	23.87 0.79 0.00	24.30 1.16 0.00	26.14 1.62 0.00	27.96 1.95 0.00	29.34 2.47 0.00	30.33 2.27 0.00	31.69 2.46 0.00	32.63 2.47 0.00	37.11 2.43 0.00	40.07 1.80 0.00	38.90 2.41 0.00	35.51 1.79 0.00	31.42 1.52 0.00	29.60 1.36 0.00	25.58 1.15 0.00	23.27 1.09 0.00
MORTIMER_115KV_TB3 55949	19.72 0.10 0.00	17.47 -0.23 0.00	16.52 -0.23 0.00	16.42 -0.22 0.00	16.60 -0.15 0.00	17.44 -0.11 0.00	20.31 -0.06 0.00	22.38 0.04 0.00	23.27 0.18 0.00	23.49 0.35 0.00	25.03 0.51 0.00	26.61 0.60 0.00	27.70 0.83 0.00	28.81 0.76 0.00	30.17 0.94 0.00	31.09 0.93 0.00	35.68 1.01 0.00	39.04 0.77 0.00	37.66 1.17 0.00	34.66 0.94 0.00	30.70 0.81 0.00	28.92 0.68 0.00	24.99 0.56 0.00	22.76 0.58 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	20.99 1.37 0.00	18.91 1.20 0.00	17.86 1.11 0.00	17.70 1.06 0.00	17.78 1.02 0.00	18.63 1.09 0.00	21.88 1.49 -0.03	23.92 1.59 0.00	24.82 1.73 0.00	24.85 1.71 0.00	26.48 1.96 0.00	27.98 1.98 0.00	28.94 2.07 0.00	30.43 2.24 -0.12	31.69 2.22 -0.23	32.73 2.20 -0.38	37.93 2.53 -0.72	41.43 2.83 -0.33	38.90 2.41 0.00	35.88 2.16 0.00	31.75 1.85 0.00	30.08 1.84 0.00	26.17 1.73 0.00	23.74 1.55 0.00
MUNSVILLE_WIND_PWR 323609	21.17 1.55 0.00	18.89 1.19 0.00	17.86 1.11 0.00	17.75 1.11 0.00	17.84 1.09 0.00	18.79 1.25 0.00	21.88 1.51 -0.01	23.99 1.65 0.00	24.78 1.59 -0.10	24.91 1.62 -0.15	26.91 2.03 -0.36	28.95 2.42 -0.52	29.61 2.15 -0.59	31.17 2.38 -0.73	32.51 2.43 -0.85	33.32 2.38 -0.79	38.67 2.95 -1.05	43.06 3.48 -1.30	41.39 3.72 -1.18	38.33 3.64 -0.96	33.66 3.11 -0.65	31.46 2.77 -0.45	26.90 2.27 -0.20	24.29 1.97 -0.13
N SALMON___HYD 24042	19.66 0.04 0.00	17.90 0.20 0.00	16.91 0.15 0.00	16.82 0.18 0.00	16.99 0.23 0.00	17.81 0.26 0.00	20.41 0.04 0.00	22.60 0.27 0.00	23.46 0.37 0.00	23.39 0.26 0.00	24.64 0.12 0.00	26.16 0.16 0.00	27.09 0.21 0.00	28.31 0.25 0.00	29.50 0.26 0.00	30.42 0.27 0.00	35.06 0.38 0.00	38.65 0.38 0.00	37.00 0.51 0.00	34.23 0.51 0.00	30.35 0.45 0.00	28.53 0.28 0.00	24.68 0.24 0.00	22.36 0.18 0.00
N.AKRON__115KV_KNAPP 355671	19.84 0.22 0.00	17.44 -0.27 0.00	16.47 -0.28 0.00	16.38 -0.25 0.00	16.60 -0.15 0.00	17.48 -0.07 0.00	20.31 -0.06 0.00	22.45 0.11 0.00	23.27 0.18 0.00	23.51 0.37 0.00	25.15 0.64 0.00	26.76 0.75 0.00	28.00 1.13 0.00	29.04 0.98 0.00	30.46 1.23 0.00	31.36 1.21 0.00	35.96 1.28 0.00	39.11 0.84 0.00	37.95 1.46 0.00	34.87 1.15 0.00	30.85 0.96 0.00	29.06 0.82 0.00	25.16 0.73 0.00	22.94 0.75 0.00
N.BELMOR_69_KV_BK1 55787	21.35 1.73 0.00	19.21 1.50 0.00	18.11 1.36 0.00	17.88 1.25 0.00	17.91 1.16 0.00	18.88 1.33 0.00	22.13 1.73 -0.03	24.26 1.92 0.00	25.28 2.19 0.00	25.38 2.24 0.00	26.94 2.43 0.00	29.56 2.42 -1.14	31.06 2.53 -1.66	31.61 2.67 -0.89	32.24 2.78 -0.23	33.36 2.80 -0.40	38.66 3.26 -0.72	42.27 3.67 -0.33	39.70 3.21 0.00	36.62 2.90 0.00	32.41 2.51 0.00	31.81 2.34 -1.22	27.94 2.25 -1.26	24.29 2.11 0.00
N.E._GEN_SANDY PD 24062	20.60 0.98 0.00	18.59 0.88 0.00	17.59 0.84 0.00	17.43 0.80 0.00	17.54 0.79 0.00	18.35 0.81 0.00	21.44 1.04 -0.04	23.34 1.01 0.00	24.10 1.01 0.00	24.23 1.09 0.00	25.69 1.18 0.00	27.10 1.09 0.00	28.00 1.13 0.00	28.29 1.15 0.92	28.70 1.17 1.71	28.70 1.17 2.63	30.50 1.32 5.50	37.40 1.57 2.44	37.84 1.35 0.00	35.00 1.28 0.00	31.15 1.26 0.00	29.46 1.21 0.00	25.48 1.05 0.00	23.25 1.06 0.00

N. HEMPST_138_KV_BK345_REV_LBMP_G 345014	20.78 1.16 0.00	18.71 1.01 0.00	17.69 0.94 0.00	17.53 0.90 0.00	17.61 0.85 0.00	18.46 0.91 0.00	21.70 1.30 -0.03	23.70 1.36 0.00	24.57 1.48 0.00	24.62 1.48 0.00	26.21 1.69 0.00	27.72 1.72 0.00	28.67 1.80 0.00	30.11 1.94 -0.11	31.41 1.96 -0.21	32.46 1.96 -0.35	37.56 2.22 -0.67	41.10 2.53 -0.30	38.61 2.12 0.00	35.64 1.92 0.00	31.57 1.67 0.00	29.86 1.61 0.00	25.95 1.51 0.00	23.58 1.40 0.00
N. QUEENS_27_KV_LOAD 356247	21.18 1.55 -0.01	19.11 1.40 -0.01	18.05 1.29 0.00	17.87 1.23 -0.01	17.93 1.17 0.00	18.70 1.16 0.00	21.82 1.43 -0.03	23.88 1.54 0.00	24.84 1.75 0.00	24.88 1.74 0.00	26.45 1.94 0.00	28.09 2.08 0.00	29.02 2.15 0.00	30.57 2.38 -0.12	31.66 2.19 -0.23	32.73 2.20 -0.38	38.00 2.60 -0.72	41.51 2.91 -0.33	38.90 2.41 0.00	35.88 2.16 0.00	31.69 1.79 0.00	30.22 1.98 0.00	26.39 1.95 0.00	23.85 1.66 0.00
N. TROY___115KV_TB1 355778	20.56 0.94 0.00	18.54 0.83 0.00	17.56 0.80 0.00	17.41 0.78 0.00	17.53 0.77 0.00	18.34 0.79 0.00	21.50 1.10 -0.04	23.39 1.05 0.00	24.20 1.11 0.00	24.20 1.06 0.00	25.64 1.13 0.00	27.13 1.12 0.00	27.97 1.10 0.00	29.03 1.15 0.18	30.05 1.14 0.33	30.83 1.21 0.53	35.04 1.39 1.03	39.41 1.61 0.47	37.99 1.50 0.00	35.17 1.45 0.00	31.27 1.38 0.00	29.60 1.36 0.00	25.51 1.08 0.00	23.25 1.06 0.00
NARROWS_GT1_1 24228	21.18 1.55 -0.01	19.03 1.33 0.00	17.96 1.21 0.00	17.78 1.15 0.00	17.86 1.11 0.00	18.65 1.11 0.00	21.78 1.39 -0.03	23.88 1.54 0.00	24.73 1.64 0.00	24.90 1.76 0.00	26.55 2.03 0.00	28.09 2.08 0.00	29.05 2.18 0.00	30.57 2.38 -0.12	31.81 2.34 -0.23	32.91 2.38 -0.38	38.28 2.88 -0.73	41.85 3.25 -0.33	39.23 2.74 0.00	36.08 2.36 0.00	31.84 1.94 0.00	30.28 2.03 0.00	26.39 1.96 0.00	23.87 1.69 0.00
NARROWS_GT1_2 24229	21.18 1.55 -0.01	19.03 1.33 0.00	17.96 1.21 0.00	17.78 1.15 0.00	17.86 1.11 0.00	18.65 1.11 0.00	21.78 1.39 -0.03	23.88 1.54 0.00	24.73 1.64 0.00	24.90 1.76 0.00	26.55 2.03 0.00	28.09 2.08 0.00	29.05 2.18 0.00	30.57 2.38 -0.12	31.81 2.34 -0.23	32.91 2.38 -0.38	38.28 2.88 -0.73	41.85 3.25 -0.33	39.23 2.74 0.00	36.08 2.36 0.00	31.84 1.94 0.00	30.28 2.03 0.00	26.39 1.96 0.00	23.87 1.69 0.00
NARROWS_GT1_3 24230	21.18 1.55 -0.01	19.03 1.33 0.00	17.96 1.21 0.00	17.78 1.15 0.00	17.86 1.11 0.00	18.65 1.11 0.00	21.78 1.39 -0.03	23.88 1.54 0.00	24.73 1.64 0.00	24.90 1.76 0.00	26.55 2.03 0.00	28.09 2.08 0.00	29.05 2.18 0.00	30.57 2.38 -0.12	31.81 2.34 -0.23	32.91 2.38 -0.38	38.28 2.88 -0.73	41.85 3.25 -0.33	39.23 2.74 0.00	36.08 2.36 0.00	31.84 1.94 0.00	30.28 2.03 0.00	26.39 1.96 0.00	23.87 1.69 0.00
NARROWS_GT1_4 24231	21.18 1.55 -0.01	19.03 1.33 0.00	17.96 1.21 0.00	17.78 1.15 0.00	17.86 1.11 0.00	18.65 1.11 0.00	21.78 1.39 -0.03	23.88 1.54 0.00	24.73 1.64 0.00	24.90 1.76 0.00	26.55 2.03 0.00	28.09 2.08 0.00	29.05 2.18 0.00	30.57 2.38 -0.12	31.81 2.34 -0.23	32.91 2.38 -0.38	38.28 2.88 -0.73	41.85 3.25 -0.33	39.23 2.74 0.00	36.08 2.36 0.00	31.84 1.94 0.00	30.28 2.03 0.00	26.39 1.96 0.00	23.87 1.69 0.00
NARROWS_GT1_5 24232	21.18 1.55 -0.01	19.03 1.33 0.00	17.96 1.21 0.00	17.78 1.15 0.00	17.86 1.11 0.00	18.65 1.11 0.00	21.78 1.39 -0.03	23.88 1.54 0.00	24.73 1.64 0.00	24.90 1.76 0.00	26.55 2.03 0.00	28.09 2.08 0.00	29.05 2.18 0.00	30.57 2.38 -0.12	31.81 2.34 -0.23	32.91 2.38 -0.38	38.28 2.88 -0.73	41.85 3.25 -0.33	39.23 2.74 0.00	36.08 2.36 0.00	31.84 1.94 0.00	30.28 2.03 0.00	26.39 1.96 0.00	23.87 1.69 0.00
NARROWS_GT1_6 24233	21.18 1.55 -0.01	19.03 1.33 0.00	17.96 1.21 0.00	17.78 1.15 0.00	17.86 1.11 0.00	18.65 1.11 0.00	21.78 1.39 -0.03	23.88 1.54 0.00	24.73 1.64 0.00	24.90 1.76 0.00	26.55 2.03 0.00	28.09 2.08 0.00	29.05 2.18 0.00	30.57 2.38 -0.12	31.81 2.34 -0.23	32.91 2.38 -0.38	38.28 2.88 -0.73	41.85 3.25 -0.33	39.23 2.74 0.00	36.08 2.36 0.00	31.84 1.94 0.00	30.28 2.03 0.00	26.39 1.96 0.00	23.87 1.69 0.00
NARROWS_GT1_7 24234	21.18 1.55 -0.01	19.03 1.33 0.00	17.96 1.21 0.00	17.78 1.15 0.00	17.86 1.11 0.00	18.65 1.11 0.00	21.78 1.39 -0.03	23.88 1.54 0.00	24.73 1.64 0.00	24.90 1.76 0.00	26.55 2.03 0.00	28.09 2.08 0.00	29.05 2.18 0.00	30.57 2.38 -0.12	31.81 2.34 -0.23	32.91 2.38 -0.38	38.28 2.88 -0.73	41.85 3.25 -0.33	39.23 2.74 0.00	36.08 2.36 0.00	31.84 1.94 0.00	30.28 2.03 0.00	26.39 1.96 0.00	23.87 1.69 0.00
NARROWS_GT1_8 24235	21.18 1.55 -0.01	19.03 1.33 0.00	17.96 1.21 0.00	17.78 1.15 0.00	17.86 1.11 0.00	18.65 1.11 0.00	21.78 1.39 -0.03	23.88 1.54 0.00	24.73 1.64 0.00	24.90 1.76 0.00	26.55 2.03 0.00	28.09 2.08 0.00	29.05 2.18 0.00	30.57 2.38 -0.12	31.81 2.34 -0.23	32.91 2.38 -0.38	38.28 2.88 -0.73	41.85 3.25 -0.33	39.23 2.74 0.00	36.08 2.36 0.00	31.84 1.94 0.00	30.28 2.03 0.00	26.39 1.96 0.00	23.87 1.69 0.00
NARROWS_GT2_1 24236	21.18 1.55 -0.01	19.03 1.33 0.00	17.96 1.21 0.00	17.78 1.15 0.00	17.86 1.11 0.00	18.65 1.11 0.00	21.78 1.39 -0.03	23.88 1.54 0.00	24.73 1.64 0.00	24.90 1.76 0.00	26.55 2.03 0.00	28.09 2.08 0.00	29.05 2.18 0.00	30.57 2.38 -0.12	31.81 2.34 -0.23	32.91 2.38 -0.38	38.28 2.88 -0.73	41.85 3.25 -0.33	39.23 2.74 0.00	36.08 2.36 0.00	31.84 1.94 0.00	30.28 2.03 0.00	26.39 1.96 0.00	23.87 1.69 0.00
NARROWS_GT2_2 24237	21.18 1.55 -0.01	19.03 1.33 0.00	17.96 1.21 0.00	17.78 1.15 0.00	17.86 1.11 0.00	18.65 1.11 0.00	21.78 1.39 -0.03	23.88 1.54 0.00	24.73 1.64 0.00	24.90 1.76 0.00	26.55 2.03 0.00	28.09 2.08 0.00	29.05 2.18 0.00	30.57 2.38 -0.12	31.81 2.34 -0.23	32.91 2.38 -0.38	38.28 2.88 -0.73	41.85 3.25 -0.33	39.23 2.74 0.00	36.08 2.36 0.00	31.84 1.94 0.00	30.28 2.03 0.00	26.39 1.96 0.00	23.87 1.69 0.00
NARROWS_GT2_3 24238	21.18 1.55 -0.01	19.03 1.33 0.00	17.96 1.21 0.00	17.78 1.15 0.00	17.86 1.11 0.00	18.65 1.11 0.00	21.78 1.39 -0.03	23.88 1.54 0.00	24.73 1.64 0.00	24.90 1.76 0.00	26.55 2.03 0.00	28.09 2.08 0.00	29.05 2.18 0.00	30.57 2.38 -0.12	31.81 2.34 -0.23	32.91 2.38 -0.38	38.28 2.88 -0.73	41.85 3.25 -0.33	39.23 2.74 0.00	36.08 2.36 0.00	31.84 1.94 0.00	30.28 2.03 0.00	26.39 1.96 0.00	23.87 1.69 0.00
NARROWS_GT2_4 24239	21.18 1.55 -0.01	19.03 1.33 0.00	17.96 1.21 0.00	17.78 1.15 0.00	17.86 1.11 0.00	18.65 1.11 0.00	21.78 1.39 -0.03	23.88 1.54 0.00	24.73 1.64 0.00	24.90 1.76 0.00	26.55 2.03 0.00	28.09 2.08 0.00	29.05 2.18 0.00	30.57 2.38 -0.12	31.81 2.34 -0.23	32.91 2.38 -0.38	38.28 2.88 -0.73	41.85 3.25 -0.33	39.23 2.74 0.00	36.08 2.36 0.00	31.84 1.94 0.00	30.28 2.03 0.00	26.39 1.96 0.00	23.87 1.69 0.00

NARROWS_GT2_5 24240	21.18 1.55 -0.01	19.03 1.33 0.00	17.96 1.21 0.00	17.78 1.15 0.00	17.86 1.11 0.00	18.65 1.11 0.00	21.78 1.39 -0.03	23.88 1.54 0.00	24.73 1.64 0.00	24.90 1.76 0.00	26.55 2.03 0.00	28.09 2.08 0.00	29.05 2.18 0.00	30.57 2.38 -0.12	31.81 2.34 -0.23	32.91 2.38 -0.38	38.28 2.88 -0.73	41.85 3.25 -0.33	39.23 2.74 0.00	36.08 2.36 0.00	31.84 1.94 0.00	30.28 2.03 0.00	26.39 1.96 0.00	23.87 1.69 0.00
NARROWS_GT2_6 24241	21.18 1.55 -0.01	19.03 1.33 0.00	17.96 1.21 0.00	17.78 1.15 0.00	17.86 1.11 0.00	18.65 1.11 0.00	21.78 1.39 -0.03	23.88 1.54 0.00	24.73 1.64 0.00	24.90 1.76 0.00	26.55 2.03 0.00	28.09 2.08 0.00	29.05 2.18 0.00	30.57 2.38 -0.12	31.81 2.34 -0.23	32.91 2.38 -0.38	38.28 2.88 -0.73	41.85 3.25 -0.33	39.23 2.74 0.00	36.08 2.36 0.00	31.84 1.94 0.00	30.28 2.03 0.00	26.39 1.96 0.00	23.87 1.69 0.00
NARROWS_GT2_7 24242	21.18 1.55 -0.01	19.03 1.33 0.00	17.96 1.21 0.00	17.78 1.15 0.00	17.86 1.11 0.00	18.65 1.11 0.00	21.78 1.39 -0.03	23.88 1.54 0.00	24.73 1.64 0.00	24.90 1.76 0.00	26.55 2.03 0.00	28.09 2.08 0.00	29.05 2.18 0.00	30.57 2.38 -0.12	31.81 2.34 -0.23	32.91 2.38 -0.38	38.28 2.88 -0.73	41.85 3.25 -0.33	39.23 2.74 0.00	36.08 2.36 0.00	31.84 1.94 0.00	30.28 2.03 0.00	26.39 1.96 0.00	23.87 1.69 0.00
NARROWS_GT2_8 24243	21.18 1.55 -0.01	19.03 1.33 0.00	17.96 1.21 0.00	17.78 1.15 0.00	17.86 1.11 0.00	18.65 1.11 0.00	21.78 1.39 -0.03	23.88 1.54 0.00	24.73 1.64 0.00	24.90 1.76 0.00	26.55 2.03 0.00	28.09 2.08 0.00	29.05 2.18 0.00	30.57 2.38 -0.12	31.81 2.34 -0.23	32.91 2.38 -0.38	38.28 2.88 -0.73	41.85 3.25 -0.33	39.23 2.74 0.00	36.08 2.36 0.00	31.84 1.94 0.00	30.28 2.03 0.00	26.39 1.96 0.00	23.87 1.69 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	20.58 0.96 0.00	18.57 0.87 0.00	17.63 0.87 0.00	17.51 0.88 0.00	17.63 0.87 0.00	18.44 0.89 0.00	21.60 1.20 -0.04	23.50 1.16 0.00	24.24 1.15 0.00	24.20 1.06 0.00	25.60 1.08 0.00	27.10 1.09 0.00	27.97 1.10 0.00	29.38 1.37 0.05	30.46 1.32 0.09	31.39 1.39 0.15	36.05 1.66 0.30	40.16 2.03 0.13	38.17 1.68 0.00	35.30 1.58 0.00	31.45 1.55 0.00	29.83 1.58 0.00	25.65 1.22 0.00	23.36 1.18 0.00
NCHELSEA_115KV_TR2 355582	20.93 1.31 0.00	18.84 1.13 0.00	17.81 1.06 0.00	17.66 1.03 0.00	17.74 0.99 0.00	18.58 1.04 0.00	21.84 1.45 -0.03	23.81 1.47 0.00	24.66 1.57 0.00	24.69 1.55 0.00	26.23 1.72 0.00	27.78 1.77 0.00	28.73 1.85 0.00	30.14 1.99 -0.10	31.40 1.99 -0.18	32.43 1.99 -0.29	37.59 2.36 -0.55	41.24 2.72 -0.25	38.79 2.30 0.00	35.81 2.09 0.00	31.75 1.85 0.00	30.08 1.84 0.00	26.07 1.64 0.00	23.74 1.55 0.00
NEG CAPITAL___MECHNVIL 23645	20.86 1.24 0.00	18.78 1.08 0.00	17.78 1.02 0.00	17.63 1.00 0.00	17.76 1.01 0.00	18.60 1.05 0.00	21.73 1.32 -0.04	23.68 1.34 0.00	24.45 1.36 0.00	24.53 1.39 0.00	25.99 1.47 0.00	27.46 1.46 0.00	28.40 1.53 0.00	29.45 1.54 0.15	30.53 1.58 0.28	31.42 1.72 0.46	35.81 2.01 0.88	40.20 2.33 0.40	38.79 2.30 0.00	35.91 2.19 0.00	31.99 2.09 0.00	30.22 1.98 0.00	26.00 1.57 0.00	23.65 1.46 0.00
NEG CENTRAL_HIGH_ACRES 23767	19.34 -0.27 0.00	17.19 -0.51 0.00	16.25 -0.50 0.00	16.17 -0.47 0.00	16.32 -0.44 0.00	17.14 -0.40 0.00	20.19 -0.18 0.00	22.00 -0.33 0.00	22.83 -0.32 -0.07	23.13 -0.09 -0.08	24.74 0.02 -0.20	26.47 0.18 -0.28	27.43 0.24 -0.32	28.67 0.22 -0.39	30.02 0.32 -0.46	30.95 0.30 -0.49	35.74 0.35 -0.71	39.30 0.15 -0.88	37.72 0.44 -0.80	34.74 0.37 -0.65	30.55 0.21 -0.44	28.72 0.17 -0.30	24.62 0.05 -0.13	22.32 0.04 -0.09
NEG CENTRAL___DRP 24199	19.84 0.22 0.00	17.72 0.02 0.00	16.74 -0.02 0.00	16.65 0.02 0.00	16.81 0.05 0.00	17.65 0.11 0.00	20.55 0.18 0.00	22.56 0.22 0.00	23.44 0.18 -0.16	23.63 0.30 -0.19	25.42 0.44 -0.46	27.21 0.55 -0.66	28.24 0.62 -0.75	29.56 0.59 -0.92	31.01 0.70 -1.08	32.08 0.75 -1.17	37.26 0.87 -1.72	41.29 0.88 -2.14	39.48 1.06 -1.93	36.18 0.88 -1.58	31.72 0.75 -1.07	29.60 0.62 -0.74	25.22 0.46 -0.33	22.82 0.42 -0.21
NEG CENTRAL___INDECK 23768	20.32 0.71 0.00	18.00 0.30 0.00	17.02 0.27 0.00	16.93 0.30 0.00	17.12 0.37 0.00	18.02 0.47 0.00	21.29 0.92 -0.01	23.12 0.78 0.00	23.81 0.72 0.00	23.93 0.79 0.00	25.45 0.93 0.00	27.23 1.22 0.00	28.11 1.24 0.00	29.24 1.18 0.00	30.52 1.28 0.00	30.76 0.60 0.00	35.37 0.69 0.00	38.92 0.65 0.00	37.80 1.31 0.00	35.17 1.45 0.00	31.12 1.23 0.00	30.08 1.83 0.00	25.92 1.49 0.00	23.58 1.40 0.00
NEG CENTRAL___SENECA 23627	19.91 0.29 0.00	17.74 0.04 0.00	16.76 0.00 0.00	16.65 0.02 0.00	16.84 0.08 0.00	17.69 0.14 0.00	20.64 0.26 0.00	22.67 0.34 0.00	23.50 0.32 -0.09	23.70 0.46 -0.10	25.40 0.64 -0.25	27.12 0.75 -0.36	28.17 0.89 -0.41	29.40 0.84 -0.50	30.82 0.99 -0.59	31.84 1.06 -0.63	36.81 1.21 -0.91	40.59 1.19 -1.13	38.97 1.46 -1.03	35.70 1.15 -0.84	31.45 0.99 -0.57	29.48 0.85 -0.39	25.24 0.64 -0.17	22.90 0.60 -0.11
NEG CENTRAL___STATE_STREET 24147	20.05 0.43 0.00	17.95 0.25 0.00	16.94 0.18 0.00	16.85 0.22 0.00	17.01 0.25 0.00	17.84 0.30 0.00	20.74 0.37 0.00	22.69 0.36 0.00	23.64 0.32 -0.23	23.84 0.44 -0.26	25.72 0.56 -0.64	27.60 0.68 -0.92	28.59 0.67 -1.04	30.04 0.70 -1.28	31.59 0.85 -1.50	32.68 0.87 -1.65	38.17 1.08 -2.41	42.47 1.19 -3.01	40.45 1.24 -2.72	36.99 1.05 -2.23	32.34 0.93 -1.51	30.07 0.79 -1.04	25.50 0.61 -0.46	23.02 0.53 -0.30
NEG MILLWOOD___DRP 24198	20.97 1.35 0.00	18.85 1.15 0.00	17.84 1.09 0.00	17.70 1.06 0.00	17.78 1.02 0.00	18.62 1.07 0.00	21.88 1.49 -0.03	23.85 1.52 0.00	24.68 1.59 0.00	24.71 1.57 0.00	26.31 1.79 0.00	27.80 1.79 0.00	28.78 1.91 0.00	30.24 2.08 -0.11	31.48 2.05 -0.20	32.62 2.14 -0.33	37.80 2.50 -0.62	41.39 2.83 -0.28	38.86 2.37 0.00	35.94 2.23 0.00	31.87 1.97 0.00	30.14 1.89 0.00	26.12 1.69 0.00	23.76 1.58 0.00
NEG NORTH_FLCN_SEA 23793	19.91 0.29 0.00	18.13 0.42 0.00	17.12 0.37 0.00	17.05 0.42 0.00	17.22 0.47 0.00	18.04 0.49 0.00	20.71 0.35 0.00	22.96 0.63 0.00	23.80 0.72 0.00	23.76 0.62 0.00	25.03 0.51 0.00	26.55 0.55 0.00	27.52 0.64 0.00	28.73 0.67 0.00	29.97 0.73 0.00	30.91 0.75 0.00	35.65 0.97 0.00	39.30 1.03 0.00	37.62 1.13 0.00	34.76 1.05 0.00	30.82 0.93 0.00	28.95 0.71 0.00	25.02 0.59 0.00	22.67 0.49 0.00
NEG NORTH_KES_CHATEGAY 23792	19.66 0.04 0.00	17.90 0.19 0.00	16.92 0.17 0.00	16.83 0.20 0.00	17.01 0.25 0.00	17.81 0.26 0.00	20.45 0.08 0.00	22.65 0.31 0.00	23.50 0.42 0.00	23.46 0.32 0.00	24.69 0.17 0.00	26.19 0.18 0.00	27.14 0.27 0.00	28.34 0.28 0.00	29.53 0.29 0.00	30.46 0.30 0.00	35.13 0.45 0.00	38.73 0.46 0.00	37.07 0.58 0.00	34.26 0.54 0.00	30.41 0.51 0.00	28.58 0.34 0.00	24.68 0.24 0.00	22.36 0.18 0.00



NEG NORTH___ALICE_FALLS 23915	19.91 0.29 0.00	18.11 0.41 0.00	17.11 0.35 0.00	17.03 0.40 0.00	17.21 0.45 0.00	18.02 0.47 0.00	20.69 0.33 0.00	22.94 0.60 0.00	23.80 0.72 0.00	23.74 0.60 0.00	24.98 0.47 0.00	26.53 0.52 0.00	27.49 0.62 0.00	28.70 0.65 0.00	29.94 0.70 0.00	30.91 0.75 0.00	35.65 0.97 0.00	39.34 1.07 0.00	37.69 1.20 0.00	34.80 1.08 0.00	30.88 0.99 0.00	28.98 0.73 0.00	25.02 0.59 0.00	22.65 0.47 0.00
NEG NORTH___LWR_SARANAC 23913	19.91 0.29 0.00	18.11 0.41 0.00	17.11 0.35 0.00	17.03 0.40 0.00	17.21 0.45 0.00	18.02 0.47 0.00	20.69 0.33 0.00	22.94 0.60 0.00	23.80 0.72 0.00	23.74 0.60 0.00	24.98 0.47 0.00	26.53 0.52 0.00	27.49 0.62 0.00	28.70 0.65 0.00	29.94 0.70 0.00	30.91 0.75 0.00	35.65 0.97 0.00	39.34 1.07 0.00	37.69 1.20 0.00	34.80 1.08 0.00	30.88 0.99 0.00	28.98 0.73 0.00	25.02 0.59 0.00	22.65 0.47 0.00
NEG NORTH___PLATTSBURG 23628	19.91 0.29 0.00	18.11 0.41 0.00	17.11 0.35 0.00	17.03 0.40 0.00	17.21 0.45 0.00	18.02 0.47 0.00	20.69 0.32 0.00	22.94 0.60 0.00	23.81 0.72 0.00	23.74 0.60 0.00	24.98 0.46 0.00	26.53 0.52 0.00	27.49 0.62 0.00	28.70 0.65 0.00	29.94 0.70 0.00	30.91 0.75 0.00	35.65 0.97 0.00	39.34 1.07 0.00	37.66 1.17 0.00	34.80 1.08 0.00	30.88 0.99 0.00	28.98 0.73 0.00	25.02 0.59 0.00	22.65 0.47 0.00
NEG WEST_LEA_LOCKPORT 23791	19.60 -0.02 0.00	17.17 -0.53 0.00	16.24 -0.52 0.00	16.12 -0.52 0.00	16.37 -0.39 0.00	17.21 -0.33 0.00	19.98 -0.39 0.00	22.09 -0.25 0.00	22.90 -0.18 0.00	23.19 0.05 0.00	24.81 0.29 0.00	26.42 0.42 0.00	27.68 0.81 0.00	28.67 0.62 0.00	30.02 0.79 0.00	30.91 0.75 0.00	35.37 0.69 0.00	38.42 0.15 0.00	37.22 0.73 0.00	34.16 0.44 0.00	30.29 0.39 0.00	28.53 0.28 0.00	24.73 0.29 0.00	22.61 0.42 0.00
NEG WEST___LANCASTR 23811	19.64 0.02 0.00	17.30 -0.41 0.00	16.32 -0.44 0.00	16.20 -0.43 0.00	16.45 -0.30 0.00	17.30 -0.25 0.00	20.23 -0.14 -0.01	22.31 -0.02 0.00	22.49 -0.60 0.00	22.77 -0.37 0.00	24.44 -0.07 0.00	26.11 0.10 0.00	27.36 0.48 0.00	28.34 0.28 0.00	29.70 0.47 0.00	30.61 0.45 0.00	34.92 0.24 0.00	38.00 -0.27 0.00	36.71 0.22 0.00	33.58 -0.13 0.00	29.75 -0.15 0.00	27.99 -0.25 0.00	24.26 -0.17 0.00	22.14 -0.04 0.00
NEG_PENN_ALLEGHNY 23528	20.05 0.43 0.00	17.93 0.23 0.00	16.96 0.20 0.00	16.83 0.20 0.00	16.99 0.23 0.00	17.81 0.26 0.00	20.85 0.47 -0.01	22.76 0.42 0.00	23.65 0.46 -0.10	23.80 0.53 -0.12	25.53 0.71 -0.30	27.30 0.86 -0.43	28.28 0.91 -0.49	29.59 0.92 -0.61	30.94 0.99 -0.71	31.88 0.99 -0.73	36.73 1.01 -1.04	40.64 1.07 -1.30	38.76 1.09 -1.18	35.63 0.94 -0.96	31.33 0.78 -0.65	29.40 0.71 -0.45	25.24 0.61 -0.20	22.92 0.60 -0.13
NEG___GEN_MONROE 24207	19.70 0.08 0.00	17.46 -0.25 0.00	16.49 -0.27 0.00	16.40 -0.23 0.00	16.59 -0.17 0.00	17.44 -0.11 0.00	20.33 -0.04 0.00	22.40 0.07 0.00	23.27 0.18 0.00	23.46 0.32 0.00	24.98 0.47 0.00	26.58 0.57 0.00	27.68 0.81 0.00	28.76 0.70 0.00	30.17 0.94 0.00	31.09 0.93 0.00	35.65 0.97 0.00	38.92 0.65 0.00	37.55 1.06 0.00	34.60 0.88 0.00	30.67 0.78 0.00	28.90 0.65 0.00	24.94 0.51 0.00	22.81 0.62 0.00
NEPA___ENERGY 23901	19.84 0.22 0.00	17.49 -0.21 0.00	16.50 -0.25 0.00	16.40 -0.23 0.00	16.65 -0.10 0.00	17.51 -0.04 0.00	20.51 0.14 -0.01	22.65 0.31 0.00	23.30 0.21 0.00	23.58 0.44 0.00	25.33 0.81 0.00	27.05 1.04 0.00	28.32 1.45 0.00	29.32 1.26 0.00	30.73 1.49 0.00	31.63 1.48 0.00	36.03 1.35 0.00	39.23 0.96 0.00	37.88 1.39 0.00	34.66 0.94 0.00	30.70 0.81 0.00	28.87 0.62 0.00	25.07 0.64 0.00	22.90 0.71 0.00
NEVERSINK___HYD 23608	20.54 0.92 0.00	18.46 0.76 0.00	17.48 0.72 0.00	17.31 0.68 0.00	17.41 0.65 0.00	18.23 0.68 0.00	21.31 0.92 -0.03	23.30 0.96 0.00	24.04 0.95 0.00	24.16 1.02 0.00	25.67 1.15 0.00	27.20 1.20 0.00	28.11 1.24 0.00	29.42 1.29 -0.07	30.65 1.28 -0.13	31.68 1.33 -0.20	36.81 1.73 -0.39	40.59 2.14 -0.18	38.28 1.79 0.00	35.27 1.55 0.00	31.30 1.41 0.00	29.60 1.36 0.00	25.65 1.22 0.00	23.29 1.11 0.00
NEWKRMKL_115KV_TB1 55635	20.25 0.63 0.00	18.31 0.60 0.00	17.34 0.59 0.00	17.20 0.57 0.00	17.31 0.55 0.00	18.09 0.54 0.00	21.16 0.75 -0.04	23.07 0.74 0.00	23.83 0.74 0.00	23.81 0.67 0.00	25.28 0.76 0.00	26.74 0.73 0.00	27.62 0.75 0.11	28.76 0.81 0.21	29.84 0.82 0.21	30.65 0.84 0.34	34.98 0.97 0.67	39.11 1.15 0.30	37.44 0.95 0.00	34.63 0.91 0.00	30.79 0.90 0.00	29.15 0.90 0.00	25.14 0.71 0.00	22.90 0.71 0.00
NEWTON___FALLS_HYD 23847	19.58 -0.04 0.00	17.70 0.00 0.00	16.74 -0.02 0.00	16.63 0.00 0.00	16.76 0.00 0.00	17.60 0.05 0.00	20.18 -0.18 0.00	22.11 -0.22 0.00	22.88 -0.28 -0.07	22.90 -0.30 -0.06	24.35 -0.32 -0.15	26.04 -0.18 -0.21	26.76 -0.35 -0.24	28.05 -0.31 -0.30	29.09 -0.50 -0.35	30.05 -0.48 -0.38	34.84 -0.42 -0.58	38.67 -0.50 -0.90	37.05 -0.26 -0.81	34.35 -0.03 -0.67	30.29 -0.06 -0.45	28.44 -0.11 -0.31	24.62 0.05 -0.14	22.30 0.02 -0.09
NGRID_A1_DSASP 323792	19.19 -0.43 0.00	16.80 -0.90 0.00	15.90 -0.85 0.00	15.80 -0.83 0.00	16.00 -0.75 0.00	16.83 -0.72 0.00	20.09 -0.29 -0.01	21.60 -0.74 0.00	22.37 -0.72 0.00	22.75 -0.39 0.00	24.32 -0.20 0.00	26.09 0.08 0.00	27.11 0.24 0.00	28.20 0.14 0.00	29.38 0.15 0.00	30.21 0.06 0.00	34.51 -0.17 0.00	37.58 -0.69 0.00	36.31 -0.18 0.00	33.48 -0.23 0.00	29.57 -0.33 0.00	27.91 -0.34 0.00	24.24 -0.20 0.00	22.19 0.00 0.00
NGRID_A2_DSASP 323793	19.19 -0.43 0.00	16.80 -0.90 0.00	15.90 -0.85 0.00	15.80 -0.83 0.00	16.00 -0.75 0.00	16.83 -0.72 0.00	20.09 -0.29 -0.01	21.60 -0.74 0.00	22.37 -0.72 0.00	22.75 -0.39 0.00	24.32 -0.20 0.00	26.09 0.08 0.00	27.11 0.24 0.00	28.20 0.14 0.00	29.38 0.15 0.00	30.21 0.06 0.00	34.51 -0.17 0.00	37.58 -0.69 0.00	36.31 -0.18 0.00	33.48 -0.23 0.00	29.57 -0.33 0.00	27.91 -0.34 0.00	24.24 -0.20 0.00	22.19 0.00 0.00
NGRID_A4_DSASP 323807	19.17 -0.45 0.00	16.80 -0.90 0.00	15.88 -0.87 0.00	15.77 -0.86 0.00	16.00 -0.75 0.00	16.83 -0.72 0.00	19.60 -0.77 -0.01	21.64 -0.69 0.00	22.47 -0.62 0.00	22.75 -0.39 0.00	24.32 -0.20 0.00	25.90 -0.10 0.00	27.11 0.24 0.00	28.09 0.03 0.00	29.38 0.15 0.00	30.24 0.09 0.00	34.57 -0.10 0.00	37.58 -0.69 0.00	36.38 -0.11 0.00	33.38 -0.34 0.00	29.63 -0.27 0.00	27.91 -0.34 0.00	24.24 -0.20 0.00	22.19 0.00 0.00
NIAGARA_115E_LBMP 323715	19.33 -0.29 0.00	16.94 -0.76 0.00	16.02 -0.74 0.00	15.93 -0.70 0.00	16.14 -0.62 0.00	16.97 -0.58 0.00	20.19 -0.18 -0.01	21.64 -0.69 0.00	22.42 -0.67 0.00	22.77 -0.37 0.00	24.35 -0.17 0.00	26.11 0.10 0.00	27.17 0.30 0.00	28.25 0.20 0.00	29.47 0.23 0.00	30.28 0.12 0.00	34.61 -0.07 0.00	37.70 -0.57 0.00	36.42 -0.07 0.00	33.58 -0.13 0.00	29.63 -0.27 0.00	27.99 -0.25 0.00	24.29 -0.15 0.00	22.21 0.02 0.00

NIAGARA_115W_LBMP 323714	19.13 -0.49 0.00	16.75 -0.96 0.00	15.85 -0.91 0.00	15.77 -0.87 0.00	15.97 -0.79 0.00	16.79 -0.75 0.00	20.04 -0.33 -0.01	21.53 -0.80 0.00	22.30 -0.79 0.00	22.68 -0.46 0.00	24.25 -0.27 0.00	25.98 -0.03 0.00	27.03 0.16 0.00	28.11 0.06 0.00	29.29 0.06 0.00	30.12 -0.03 0.00	34.40 -0.28 0.00	37.46 -0.81 0.00	36.20 -0.29 0.00	33.38 -0.34 0.00	29.48 -0.42 0.00	27.82 -0.42 0.00	24.16 -0.27 0.00	22.12 -0.07 0.00
NIAGARA_230_LBMP 323716	19.38 -0.23 0.00	17.00 -0.71 0.00	16.08 -0.67 0.00	15.98 -0.65 0.00	16.19 -0.57 0.00	17.02 -0.53 0.00	20.29 -0.08 0.00	21.82 -0.51 0.00	22.60 -0.49 0.00	22.95 -0.19 0.00	24.54 0.02 0.00	26.29 0.29 0.00	27.33 0.46 0.00	28.42 0.36 0.00	29.64 0.41 0.00	30.46 0.30 0.00	34.82 0.14 0.00	37.93 -0.35 0.00	36.64 0.15 0.00	33.79 0.07 0.00	29.84 -0.06 0.00	28.16 -0.08 0.00	24.46 0.02 0.00	22.38 0.20 0.00
NIAGARA__115KV_198_GIBSON 55903	19.13 -0.49 0.00	16.75 -0.96 0.00	15.83 -0.92 0.00	15.73 -0.90 0.00	15.97 -0.79 0.00	16.79 -0.75 0.00	19.54 -0.84 -0.01	21.58 -0.76 0.00	22.40 -0.69 0.00	22.70 -0.44 0.00	24.25 -0.27 0.00	25.83 -0.18 0.00	27.03 0.16 0.00	28.00 -0.06 0.00	29.29 0.06 0.00	30.12 -0.03 0.00	34.47 -0.21 0.00	37.47 -0.80 0.00	36.27 -0.22 0.00	33.28 -0.44 0.00	29.54 -0.36 0.00	27.82 -0.42 0.00	24.16 -0.27 0.00	22.12 -0.07 0.00
NIAGARA____ 23760	19.21 -0.41 0.00	16.82 -0.88 0.00	15.92 -0.84 0.00	15.83 -0.80 0.00	16.04 -0.72 0.00	16.86 -0.68 0.00	20.11 -0.27 -0.01	21.67 -0.67 0.00	22.44 -0.65 0.00	22.79 -0.35 0.00	24.40 -0.12 0.00	26.14 0.13 0.00	27.17 0.30 0.00	28.28 0.22 0.00	29.47 0.23 0.00	30.31 0.15 0.00	34.64 -0.03 0.00	37.73 -0.54 0.00	36.45 -0.04 0.00	33.62 -0.10 0.00	29.66 -0.24 0.00	27.99 -0.25 0.00	24.29 -0.15 0.00	22.19 0.00 0.00
NINE_MILE_1 23575	19.19 -0.43 0.00	17.24 -0.46 0.00	16.32 -0.44 0.00	16.20 -0.43 0.00	16.34 -0.42 0.00	17.11 -0.44 0.00	19.94 -0.43 0.00	21.78 -0.56 0.00	21.12 -0.58 1.39	20.94 -0.65 1.56	20.08 -0.64 3.80	19.94 -0.62 5.45	20.03 -0.65 6.20	19.76 -0.67 7.62	19.61 -0.70 8.93	19.54 -0.72 9.89	19.23 -0.83 14.62	19.02 -0.92 18.33	19.11 -0.80 16.58	19.37 -0.77 13.57	19.97 -0.72 9.21	21.25 -0.68 6.32	21.01 -0.61 2.81	19.79 -0.55 1.84
NINE_MILE_2 23744	19.19 -0.43 0.00	17.24 -0.46 0.00	16.32 -0.44 0.00	16.20 -0.43 0.00	16.34 -0.42 0.00	17.13 -0.42 0.00	19.94 -0.43 0.00	21.78 -0.56 0.00	21.10 -0.58 1.42	20.91 -0.65 1.58	20.05 -0.61 3.86	19.86 -0.62 5.53	19.94 -0.65 6.29	19.64 -0.67 7.74	19.47 -0.70 9.06	19.39 -0.72 10.04	19.01 -0.83 14.84	18.74 -0.92 18.61	18.86 -0.92 16.83	19.16 -0.77 13.78	19.83 -0.72 9.35	21.15 -0.68 6.41	20.97 -0.61 2.85	19.76 -0.55 1.87
NM_CAPITAL____DRP 24208	20.31 0.69 0.00	18.36 0.66 0.00	17.39 0.64 0.00	17.23 0.60 0.00	17.34 0.59 0.00	18.14 0.60 0.00	21.22 0.81 -0.04	23.10 0.76 0.00	23.87 0.79 0.00	23.86 0.72 0.00	25.33 0.81 0.00	26.79 0.78 0.00	27.65 0.78 0.00	28.77 0.84 0.12	29.85 0.85 0.23	30.65 0.87 0.38	34.92 0.97 0.73	39.09 1.15 0.33	37.47 0.99 0.00	34.70 0.98 0.00	30.85 0.96 0.00	29.21 0.96 0.00	25.19 0.76 0.00	22.96 0.78 0.00
NM_CENTRAL____DRP 24181	19.60 -0.02 0.00	17.58 -0.12 0.00	16.62 -0.13 0.00	16.52 -0.12 0.00	16.65 -0.10 0.00	17.46 -0.09 0.00	20.31 -0.06 0.00	22.20 -0.13 0.00	23.06 -0.16 -0.13	23.20 -0.09 -0.15	24.87 -0.02 -0.37	26.60 0.05 -0.54	27.51 0.03 -0.61	28.75 -0.06 -0.75	30.11 0.00 -0.88	31.12 0.00 -0.96	36.13 0.03 -1.42	40.03 0.00 -1.76	38.16 0.07 -1.59	35.06 0.03 -1.30	30.75 -0.03 -0.89	28.85 0.00 -0.61	24.65 -0.05 -0.27	22.32 -0.04 -0.18
NM_FRONTIER____DRP 24179	19.13 -0.49 0.00	16.75 -0.96 0.00	15.83 -0.92 0.00	15.73 -0.90 0.00	15.97 -0.79 0.00	16.79 -0.75 0.00	19.54 -0.84 -0.01	21.58 -0.76 0.00	22.40 -0.69 0.00	22.70 -0.44 0.00	24.25 -0.27 0.00	25.83 -0.18 0.00	27.03 0.16 0.00	28.00 -0.06 0.00	29.29 0.06 0.00	30.12 -0.03 0.00	34.47 -0.21 0.00	37.47 -0.80 0.00	36.27 -0.22 0.00	33.28 -0.44 0.00	29.54 -0.36 0.00	27.82 -0.42 0.00	24.16 -0.27 0.00	22.12 -0.07 0.00
NM_ST_REGIS____HYD 24053	19.36 -0.26 0.00	17.60 -0.11 0.00	16.64 -0.12 0.00	16.55 -0.08 0.00	16.69 -0.07 0.00	17.51 -0.04 0.00	19.98 -0.39 0.00	22.02 -0.31 0.00	22.79 -0.30 0.00	22.77 -0.37 0.00	24.00 -0.51 0.00	25.54 -0.47 0.00	26.36 -0.51 0.00	27.55 -0.51 0.00	28.65 -0.58 0.00	29.55 -0.60 0.00	34.02 -0.66 0.00	37.43 -0.84 0.00	35.87 -0.62 0.00	33.18 -0.54 0.00	29.45 -0.45 0.00	27.77 -0.48 0.00	24.19 -0.24 0.00	21.99 -0.20 0.00
NORTHPORT____1 23551	21.25 1.63 0.00	19.16 1.45 0.00	17.98 1.22 0.00	17.75 1.11 0.00	17.81 1.06 0.00	18.79 1.25 0.00	21.90 1.51 -0.03	24.03 1.70 0.00	24.98 1.89 0.00	25.25 2.11 -0.01	26.83 2.30 -0.01	29.40 2.26 -1.14	30.90 2.37 -1.66	31.41 2.47 -0.89	31.99 2.51 -0.24	33.02 2.47 -0.40	38.33 2.91 -0.73	41.98 3.37 -0.34	39.38 2.88 -0.01	36.29 2.56 -0.01	32.15 2.24 -0.01	31.64 2.18 -1.22	27.86 2.17 -1.26	24.21 2.02 -0.01
NORTHPORT____2 23552	21.25 1.63 0.00	19.16 1.45 0.00	17.98 1.22 0.00	17.75 1.11 0.00	17.81 1.06 0.00	18.79 1.25 0.00	21.90 1.51 -0.03	24.03 1.70 0.00	24.98 1.89 0.00	25.25 2.11 -0.01	26.83 2.30 -0.01	29.40 2.26 -1.14	30.90 2.37 -1.66	31.41 2.47 -0.89	31.99 2.51 -0.24	33.02 2.47 -0.40	38.33 2.91 -0.73	41.98 3.37 -0.34	39.38 2.88 -0.01	36.29 2.56 -0.01	32.15 2.24 -0.01	31.64 2.18 -1.22	27.86 2.17 -1.26	24.21 2.02 -0.01
NORTHPORT____3 23553	21.42 1.80 0.00	19.28 1.58 0.00	18.11 1.36 0.00	17.88 1.25 0.00	17.96 1.21 0.00	18.95 1.40 0.00	22.09 1.69 -0.03	24.26 1.92 0.00	25.21 2.12 0.00	25.48 2.34 -0.01	27.05 2.53 -0.01	29.64 2.50 -1.14	31.17 2.63 -1.66	31.72 2.78 -0.89	32.40 2.92 -0.24	33.52 2.96 -0.41	38.88 3.47 -0.73	42.52 3.91 -0.35	39.94 3.43 -0.02	36.80 3.07 -0.01	32.56 2.66 -0.01	31.95 2.49 -1.22	28.04 2.35 -1.26	24.39 2.20 -0.01
NORTHPORT____4 23650	21.42 1.80 0.00	19.28 1.58 0.00	18.11 1.36 0.00	17.88 1.25 0.00	17.96 1.21 0.00	18.95 1.40 0.00	22.09 1.69 -0.03	24.26 1.92 0.00	25.21 2.12 0.00	25.48 2.34 -0.01	27.05 2.53 -0.01	29.64 2.50 -1.14	31.17 2.63 -1.66	31.72 2.78 -0.89	32.40 2.92 -0.24	33.52 2.96 -0.41	38.88 3.47 -0.73	42.52 3.91 -0.35	39.94 3.43 -0.02	36.80 3.07 -0.01	32.56 2.66 -0.01	31.95 2.49 -1.22	28.04 2.35 -1.26	24.39 2.20 -0.01
NORTHPORT____IC 23718	21.25 1.63 0.00	19.16 1.45 0.00	17.98 1.22 0.00	17.75 1.11 0.00	17.81 1.06 0.00	18.79 1.25 0.00	21.90 1.51 -0.03	24.03 1.70 0.00	24.98 1.89 0.00	25.25 2.11 -0.01	26.83 2.30 -0.01	29.40 2.26 -1.14	30.90 2.37 -1.66	31.41 2.47 -0.89	31.99 2.51 -0.24	33.02 2.47 -0.40	38.33 2.91 -0.73	41.98 3.37 -0.34	39.38 2.88 -0.01	36.29 2.56 -0.01	32.15 2.24 -0.01	31.64 2.18 -1.22	27.86 2.17 -1.26	24.21 2.02 -0.01

NORTH____COUNTRY_ESR 323785	19.60 -0.02 0.00	17.84 0.14 0.00	16.89 0.13 0.00	16.80 0.17 0.00	16.96 0.20 0.00	17.77 0.23 0.00	20.39 0.02 0.00	22.60 0.27 0.00	23.44 0.35 0.00	23.39 0.26 0.00	24.64 0.12 0.00	26.14 0.13 0.00	27.09 0.21 0.00	28.28 0.22 0.00	29.47 0.23 0.00	30.39 0.24 0.00	35.06 0.38 0.00	38.65 0.38 0.00	36.96 0.47 0.00	34.16 0.44 0.00	30.28 0.39 0.00	28.47 0.22 0.00	24.60 0.17 0.00	22.30 0.11 0.00
NPX_GEN_1385_PROXY 323591	21.29 1.67 0.00	19.19 1.49 0.00	18.01 1.26 0.00	17.78 1.15 0.00	17.84 1.09 0.00	18.83 1.28 0.00	21.94 1.55 -0.03	24.08 1.74 0.00	25.03 1.94 0.00	25.30 2.15 -0.01	26.88 2.35 -0.01	29.46 2.31 -1.14	30.95 2.42 -1.66	31.47 2.53 -0.89	32.05 2.57 -0.24	33.23 2.53 -0.54	38.25 2.98 -0.59	42.06 3.45 -0.34	39.45 2.95 -0.01	36.36 2.63 -0.01	32.21 2.30 -0.01	31.70 2.23 -1.22	27.91 2.22 -1.26	24.26 2.06 -0.01
NPX_GEN_CSC 323557	21.13 1.51 0.00	19.12 1.42 0.00	17.86 1.11 0.00	17.63 1.00 0.00	17.66 0.90 0.00	18.69 1.14 0.00	21.72 1.32 -0.03	23.83 1.50 0.00	24.80 1.71 0.00	25.07 1.92 -0.01	26.68 2.16 -0.01	29.25 2.11 -1.14	30.79 2.26 -1.66	31.36 2.41 -0.89	31.90 2.43 -0.24	33.17 2.47 -0.54	38.25 2.98 -0.59	42.13 3.52 -0.34	39.53 3.03 -0.01	36.56 2.83 -0.01	32.24 2.33 -0.01	31.78 2.32 -1.22	27.84 2.15 -1.26	24.12 1.93 -0.01
NSINS_S_GLNS_FALLS 23858	20.95 1.33 0.00	18.84 1.13 0.00	17.83 1.07 0.00	17.71 1.08 0.00	17.83 1.07 0.00	18.67 1.12 0.00	21.87 1.47 -0.04	23.83 1.50 0.00	24.68 1.59 0.00	24.60 1.46 0.00	25.96 1.45 0.00	27.44 1.43 0.00	28.35 1.48 0.00	29.30 1.37 0.13	30.33 1.34 0.25	31.26 1.51 0.40	35.70 1.80 0.78	40.10 2.18 0.35	38.82 2.34 0.00	36.25 2.53 0.00	32.29 2.39 0.00	30.51 2.26 0.00	26.17 1.73 0.00	23.76 1.58 0.00
NUCOR_STEEL____DRP 24197	19.95 0.33 0.00	17.88 0.18 0.00	16.89 0.13 0.00	16.78 0.15 0.00	16.94 0.18 0.00	17.76 0.21 0.00	20.66 0.29 0.00	22.56 0.22 0.00	23.55 0.21 -0.25	23.70 0.28 -0.28	25.60 0.39 -0.69	27.46 0.47 -0.99	28.48 0.48 -1.12	29.92 0.48 -1.38	31.50 0.64 -1.62	32.56 0.63 -1.78	38.08 0.80 -2.61	42.40 0.88 -3.25	40.38 0.95 -2.94	36.90 0.78 -2.41	32.22 0.69 -1.63	29.96 0.59 -1.12	25.37 0.44 -0.50	22.91 0.40 -0.33
NUMBER_THREE_WT_PWR 323818	19.97 0.35 0.00	17.97 0.27 0.00	17.01 0.25 0.00	16.88 0.25 0.00	16.99 0.23 0.00	17.86 0.32 0.00	20.61 0.25 0.00	22.54 0.20 0.00	23.29 0.12 -0.09	23.31 0.09 -0.08	24.90 0.20 -0.19	26.72 0.44 -0.27	27.40 0.21 -0.31	28.72 0.28 -0.38	29.71 0.03 -0.45	30.74 0.09 -0.49	35.77 0.35 -0.75	39.84 0.42 -1.15	38.26 0.73 -1.04	35.48 0.91 -0.85	31.22 0.75 -0.58	29.26 0.62 -0.40	25.19 0.59 -0.18	22.74 0.44 -0.12
NYISO_LBMP_REFERENCE 24008	19.62 0.00 0.00	17.70 0.00 0.00	16.76 0.00 0.00	16.63 0.00 0.00	16.76 0.00 0.00	17.55 0.00 0.00	20.37 0.00 0.00	22.34 0.00 0.00	23.09 0.00 0.00	23.14 0.00 0.00	24.52 0.00 0.00	26.01 0.00 0.00	26.87 0.00 0.00	28.06 0.00 0.00	29.23 0.00 0.00	30.15 0.00 0.00	34.68 0.00 0.00	38.27 0.00 0.00	36.49 0.00 0.00	33.72 0.00 0.00	29.90 0.00 0.00	28.25 0.00 0.00	24.43 0.00 0.00	22.19 0.00 0.00
NYPA_BRENTWD____GT 24164	21.48 1.86 0.00	19.35 1.65 0.00	18.16 1.41 0.00	17.93 1.30 0.00	18.00 1.24 0.00	19.00 1.46 0.00	22.15 1.75 -0.03	24.30 1.97 0.00	25.26 2.17 0.00	25.55 2.41 -0.01	27.15 2.62 -0.01	29.77 2.63 -1.14	31.30 2.77 -1.66	31.86 2.92 -0.89	32.46 2.98 -0.24	33.57 3.02 -0.40	38.95 3.54 -0.73	42.71 4.10 -0.34	40.11 3.61 -0.01	36.93 3.21 -0.01	32.65 2.75 -0.01	32.12 2.65 -1.22	28.23 2.54 -1.26	24.52 2.33 -0.01
NYPA_GOWANUS____GT5 24156	21.18 1.55 -0.01	19.03 1.33 0.00	17.96 1.21 0.00	17.78 1.15 0.00	17.86 1.11 0.00	18.65 1.11 0.00	21.78 1.39 -0.03	23.88 1.54 0.00	24.73 1.64 0.00	24.90 1.76 0.00	26.55 2.03 0.00	28.09 2.08 0.00	29.05 2.18 0.00	30.57 2.38 -0.12	31.81 2.34 -0.23	32.91 2.38 -0.38	38.28 2.88 -0.73	41.85 3.25 -0.33	39.23 2.74 0.00	36.08 2.36 0.00	31.84 1.94 0.00	30.28 2.03 0.00	26.39 1.96 0.00	23.87 1.69 0.00
NYPA_GOWANUS____GT6 24157	21.18 1.55 -0.01	19.03 1.33 0.00	17.96 1.21 0.00	17.78 1.15 0.00	17.86 1.11 0.00	18.65 1.11 0.00	21.78 1.39 -0.03	23.88 1.54 0.00	24.73 1.64 0.00	24.90 1.76 0.00	26.55 2.03 0.00	28.09 2.08 0.00	29.05 2.18 0.00	30.57 2.38 -0.12	31.81 2.34 -0.23	32.91 2.38 -0.38	38.28 2.88 -0.73	41.85 3.25 -0.33	39.23 2.74 0.00	36.08 2.36 0.00	31.84 1.94 0.00	30.28 2.03 0.00	26.39 1.96 0.00	23.87 1.69 0.00
NYPA_HARLEM_RVR_GT1 24160	21.16 1.53 -0.01	19.08 1.36 -0.01	18.02 1.26 -0.01	17.84 1.20 -0.01	17.91 1.16 0.00	18.67 1.12 0.00	21.70 1.30 -0.03	23.78 1.45 0.01	24.63 1.55 0.01	24.82 1.69 0.01	26.42 1.91 0.01	28.01 2.00 0.00	28.94 2.07 0.00	30.48 2.30 -0.12	31.59 2.13 -0.22	32.67 2.14 -0.37	37.96 2.57 -0.72	41.46 2.87 -0.32	38.85 2.37 0.01	35.77 2.06 0.01	31.62 1.73 0.01	30.19 1.95 0.00	26.34 1.91 0.00	23.80 1.62 0.00
NYPA_HARLEM_RVR_GT2 24161	21.16 1.53 -0.01	19.08 1.36 -0.01	18.02 1.26 -0.01	17.84 1.20 -0.01	17.91 1.16 0.00	18.67 1.12 0.00	21.70 1.30 -0.03	23.78 1.45 0.01	24.63 1.55 0.01	24.82 1.69 0.01	26.42 1.91 0.01	28.01 2.00 0.00	28.94 2.07 0.00	30.48 2.30 -0.12	31.59 2.13 -0.22	32.67 2.14 -0.37	37.96 2.57 -0.72	41.46 2.87 -0.32	38.85 2.37 0.01	35.77 2.06 0.01	31.62 1.73 0.01	30.19 1.95 0.00	26.34 1.91 0.00	23.80 1.62 0.00
NYPA_KENT____GT 24152	21.12 1.49 -0.01	19.01 1.31 0.00	17.95 1.19 0.00	17.76 1.13 0.00	17.84 1.09 0.00	18.65 1.11 0.00	21.78 1.39 -0.03	23.88 1.54 0.00	24.73 1.64 0.00	24.90 1.76 0.00	26.53 2.01 0.00	28.06 2.05 0.00	29.02 2.15 0.00	30.54 2.36 -0.12	31.78 2.31 -0.23	32.85 2.32 -0.38	38.21 2.81 -0.73	41.74 3.14 -0.33	39.15 2.66 0.00	36.01 2.29 0.00	31.81 1.92 0.00	30.22 1.98 0.00	26.34 1.91 0.00	23.83 1.64 0.00
NYPA_POUCH1____GT 24155	21.14 1.51 -0.01	19.01 1.31 0.00	17.95 1.19 0.00	17.75 1.11 0.00	17.83 1.07 0.00	18.62 1.07 0.00	21.74 1.34 -0.03	23.79 1.45 0.00	24.66 1.57 0.00	24.83 1.69 0.00	26.45 1.94 0.00	28.01 2.00 0.00	28.97 2.10 0.00	30.48 2.30 -0.12	31.72 2.25 -0.24	32.82 2.29 -0.38	38.22 2.81 -0.73	41.78 3.17 -0.33	39.16 2.66 0.00	36.02 2.29 0.00	31.75 1.85 0.00	30.22 1.98 0.00	26.36 1.93 0.00	23.85 1.66 0.00
NYPA_VERNON____GT2 24162	21.08 1.45 -0.01	18.98 1.28 0.00	17.93 1.17 0.00	17.75 1.11 0.00	17.83 1.07 0.00	18.65 1.11 0.00	21.78 1.39 -0.03	23.88 1.54 0.00	24.75 1.66 0.00	24.90 1.76 0.00	26.53 2.01 0.00	28.06 2.05 0.00	29.02 2.15 0.00	30.51 2.33 -0.12	31.75 2.28 -0.23	32.82 2.29 -0.38	38.11 2.71 -0.73	41.66 3.06 -0.33	39.04 2.55 0.00	35.94 2.22 0.00	31.78 1.88 0.00	30.17 1.92 0.00	26.29 1.86 0.00	23.78 1.60 0.00

NYPA_VERNON____GT3 24163	21.08 1.45 -0.01	18.98 1.28 0.00	17.93 1.17 0.00	17.75 1.11 0.00	17.83 1.07 0.00	18.65 1.11 0.00	21.78 1.39 -0.03	23.88 1.54 0.00	24.75 1.66 0.00	24.90 1.76 0.00	26.53 2.01 0.00	28.06 2.05 0.00	29.02 2.15 0.00	30.51 2.33 -0.12	31.75 2.28 -0.23	32.82 2.29 -0.38	38.11 2.71 -0.73	41.66 3.06 -0.33	39.04 2.55 0.00	35.94 2.22 0.00	31.78 1.88 0.00	30.17 1.92 0.00	26.29 1.86 0.00	23.78 1.60 0.00
NYPA____ASTORIA_CC1 323568	21.10 1.47 -0.01	19.00 1.29 0.00	17.93 1.17 0.00	17.75 1.11 0.00	17.84 1.09 0.00	18.65 1.11 0.00	21.76 1.36 -0.03	23.86 1.52 0.00	24.73 1.64 0.00	24.90 1.76 0.00	26.50 1.99 0.00	28.04 2.03 0.00	28.99 2.12 0.00	30.48 2.30 -0.12	31.72 2.25 -0.23	32.79 2.26 -0.38	38.08 2.67 -0.73	41.62 3.02 -0.33	39.00 2.52 0.00	35.91 2.19 0.00	31.75 1.85 0.00	30.17 1.92 0.00	26.29 1.86 0.00	23.78 1.60 0.00
NYPA____ASTORIA_CC2 323569	21.10 1.47 -0.01	19.00 1.29 0.00	17.93 1.17 0.00	17.75 1.11 0.00	17.84 1.09 0.00	18.65 1.11 0.00	21.76 1.36 -0.03	23.86 1.52 0.00	24.73 1.64 0.00	24.90 1.76 0.00	26.50 1.99 0.00	28.04 2.03 0.00	28.99 2.12 0.00	30.48 2.30 -0.12	31.72 2.25 -0.23	32.79 2.26 -0.38	38.08 2.67 -0.73	41.62 3.02 -0.33	39.00 2.52 0.00	35.91 2.19 0.00	31.75 1.85 0.00	30.17 1.92 0.00	26.29 1.86 0.00	23.78 1.60 0.00
NYPA____HOLTSVILL 23794	21.33 1.71 0.00	19.24 1.54 0.00	18.05 1.29 0.00	17.81 1.18 0.00	17.86 1.11 0.00	18.88 1.33 0.00	21.97 1.57 -0.03	24.06 1.72 0.00	25.03 1.94 0.00	25.30 2.15 -0.01	26.90 2.38 -0.01	29.48 2.34 -1.14	31.03 2.50 -1.66	31.58 2.64 -0.89	32.16 2.69 -0.24	33.27 2.71 -0.40	38.64 3.23 -0.73	42.36 3.75 -0.34	39.78 3.29 -0.01	36.69 2.97 -0.01	32.38 2.48 -0.01	31.92 2.46 -1.22	28.04 2.35 -1.26	24.34 2.15 -0.01
NYPA____HELLGATE_GT1 24158	21.16 1.53 -0.01	19.08 1.36 -0.01	18.02 1.26 -0.01	17.84 1.20 -0.01	17.91 1.16 0.00	18.67 1.12 0.00	21.70 1.30 -0.03	23.78 1.45 0.01	24.63 1.55 0.01	24.82 1.69 0.01	26.42 1.91 0.01	28.01 2.00 0.00	28.94 2.07 0.00	30.48 2.30 -0.12	31.59 2.13 -0.22	32.67 2.14 -0.37	37.96 2.57 -0.72	41.46 2.87 -0.32	38.85 2.37 0.01	35.77 2.06 0.01	31.62 1.73 0.01	30.19 1.95 0.00	26.34 1.91 0.00	23.80 1.62 0.00
NYPA____HELLGATE_GT2 24159	21.16 1.53 -0.01	19.08 1.36 -0.01	18.02 1.26 -0.01	17.84 1.20 -0.01	17.91 1.16 0.00	18.67 1.12 0.00	21.70 1.30 -0.03	23.78 1.45 0.01	24.63 1.55 0.01	24.82 1.69 0.01	26.42 1.91 0.01	28.01 2.00 0.00	28.94 2.07 0.00	30.48 2.30 -0.12	31.59 2.13 -0.22	32.67 2.14 -0.37	37.96 2.57 -0.72	41.46 2.87 -0.32	38.85 2.37 0.01	35.77 2.06 0.01	31.62 1.73 0.01	30.19 1.95 0.00	26.34 1.91 0.00	23.80 1.62 0.00
NYS_BARGE____HYD 23848	19.60 -0.02 0.00	17.19 -0.51 0.00	16.25 -0.50 0.00	16.17 -0.47 0.00	16.37 -0.38 0.00	17.23 -0.32 0.00	20.51 0.14 0.00	22.04 -0.29 0.00	22.84 -0.25 0.00	23.16 0.02 0.00	24.79 0.27 0.00	26.58 0.57 0.00	27.68 0.81 0.00	28.79 0.73 0.00	30.02 0.79 0.00	30.88 0.72 0.00	35.34 0.66 0.00	38.46 0.19 0.00	37.18 0.69 0.00	34.29 0.57 0.00	30.23 0.33 0.00	28.53 0.28 0.00	24.75 0.32 0.00	22.61 0.42 0.00
OAK ORCHARD____HYD 24046	19.72 0.10 0.00	17.47 -0.23 0.00	16.54 -0.22 0.00	16.43 -0.20 0.00	16.60 -0.15 0.00	17.44 -0.10 0.00	20.62 0.25 0.00	22.38 0.04 0.00	23.18 0.09 0.00	23.46 0.32 0.00	25.03 0.52 0.00	26.71 0.70 0.00	27.71 0.83 0.00	28.87 0.81 0.00	30.17 0.94 0.00	31.06 0.90 0.00	35.62 0.94 0.00	39.04 0.77 0.00	37.55 1.06 0.00	34.70 0.98 0.00	30.64 0.75 0.00	28.92 0.68 0.00	24.99 0.56 0.00	22.76 0.58 0.00
OAKDALE____35_KV_LOAD 356122	19.93 0.31 0.00	17.83 0.12 0.00	16.86 0.10 0.00	16.75 0.12 0.00	16.89 0.13 0.00	17.70 0.16 0.00	20.66 0.29 -0.01	22.65 0.31 0.00	23.47 0.28 -0.10	23.66 0.39 -0.12	25.38 0.56 -0.30	27.08 0.65 -0.43	28.08 0.73 -0.49	29.36 0.70 -0.60	30.75 0.82 -0.70	31.65 0.78 -0.71	36.49 0.80 -1.01	40.34 0.80 -1.26	38.51 0.88 -1.14	35.36 0.71 -0.94	31.13 0.60 -0.63	29.22 0.54 -0.44	25.09 0.46 -0.19	22.78 0.47 -0.13
OCC_CHEM____DRP 24175	19.17 -0.45 0.00	16.80 -0.90 0.00	15.88 -0.87 0.00	15.77 -0.86 0.00	16.00 -0.75 0.00	16.83 -0.72 0.00	19.60 -0.77 -0.01	21.64 -0.69 0.00	22.47 -0.62 0.00	22.75 -0.39 0.00	24.32 -0.20 0.00	25.90 -0.10 0.00	27.11 0.24 0.00	28.09 0.03 0.00	29.38 0.15 0.00	30.24 0.09 0.00	34.57 -0.10 0.00	37.58 -0.69 0.00	36.38 -0.11 0.00	33.38 -0.34 0.00	29.63 -0.27 0.00	27.91 -0.34 0.00	24.24 -0.20 0.00	22.19 0.00 0.00
OH_GEN_PROXY 24063	19.38 -0.23 0.00	17.01 -0.69 0.00	16.10 -0.65 0.00	16.00 -0.63 0.00	16.19 -0.57 0.00	17.02 -0.53 0.00	20.29 -0.08 0.00	21.84 -0.49 0.00	22.63 -0.46 0.00	22.98 -0.16 0.00	24.57 0.05 0.00	26.32 0.31 0.00	27.36 0.48 0.00	28.45 0.39 0.00	29.67 0.44 0.00	30.66 0.36 -0.15	34.71 0.17 0.15	38.00 -0.27 0.00	36.67 0.18 0.00	33.82 0.10 0.00	29.87 -0.03 0.00	28.19 -0.06 0.00	24.48 0.05 0.00	22.38 0.20 0.00
OLIN_CORP_DRP 24177	19.34 -0.27 0.00	16.96 -0.74 0.00	16.04 -0.72 0.00	15.92 -0.72 0.00	16.15 -0.60 0.00	16.98 -0.56 0.00	19.68 -0.69 -0.01	21.73 -0.60 0.00	22.53 -0.55 0.00	22.84 -0.30 0.00	24.39 -0.12 0.00	25.98 -0.03 0.00	27.22 0.35 0.00	28.20 0.14 0.00	29.50 0.26 0.00	30.37 0.21 0.00	34.75 0.07 0.00	37.77 -0.50 0.00	36.56 0.07 0.00	33.55 -0.17 0.00	29.75 -0.15 0.00	28.02 -0.23 0.00	24.33 -0.10 0.00	22.25 0.07 0.00
OLIN_CORP_DSASP 323712	19.19 -0.43 0.00	16.80 -0.90 0.00	15.90 -0.85 0.00	15.80 -0.83 0.00	16.00 -0.75 0.00	16.83 -0.72 0.00	20.09 -0.29 -0.01	21.60 -0.74 0.00	22.37 -0.72 0.00	22.75 -0.39 0.00	24.32 -0.20 0.00	26.09 0.08 0.00	27.11 0.24 0.00	28.20 0.14 0.00	29.38 0.15 0.00	30.21 0.06 0.00	34.51 -0.17 0.00	37.58 -0.69 0.00	36.31 -0.18 0.00	33.48 -0.23 0.00	29.57 -0.33 0.00	27.91 -0.34 0.00	24.24 -0.20 0.00	22.19 0.00 0.00
ONEIDA_HERK_LFGE 323681	20.01 0.39 0.00	18.00 0.30 0.00	17.04 0.28 0.00	16.90 0.27 0.00	17.01 0.25 0.00	17.86 0.32 0.00	20.69 0.32 0.00	22.69 0.36 0.00	23.41 0.32 0.00	23.46 0.32 0.00	24.96 0.44 0.00	26.61 0.60 0.00	27.36 0.48 0.00	28.62 0.56 0.00	29.73 0.50 0.00	30.67 0.51 0.00	35.48 0.80 0.00	39.72 0.96 -0.50	38.00 1.06 -0.45	35.13 1.05 -0.37	31.01 0.87 -0.25	29.18 0.76 -0.17	25.14 0.63 -0.08	22.75 0.51 -0.05
ONEIDA____115KV_TB4 55905	20.13 0.51 0.00	18.08 0.37 0.00	17.11 0.35 0.00	16.98 0.35 0.00	17.09 0.34 0.00	17.95 0.40 0.00	20.82 0.45 0.00	22.80 0.47 0.00	23.59 0.44 -0.06	23.65 0.44 -0.07	25.25 0.56 -0.17	27.00 0.75 -0.24	27.79 0.64 -0.27	29.12 0.73 -0.33	30.38 0.76 -0.39	31.36 0.78 -0.42	36.53 1.14 -0.71	40.55 1.38 -0.90	38.77 1.46 -0.82	35.77 1.38 -0.67	31.49 1.14 -0.45	29.55 0.99 -0.31	25.38 0.81 -0.14	22.96 0.69 -0.09

ONONDAGA_REF_OCCRA 23987	19.68 0.06 0.00	17.63 -0.07 0.00	16.69 -0.07 0.00	16.57 -0.07 0.00	16.71 -0.05 0.00	17.51 -0.04 0.00	20.37 0.00 0.00	22.29 -0.04 0.00	23.19 -0.07 -0.17	23.31 -0.02 -0.19	25.06 0.07 -0.47	26.81 0.13 -0.67	27.77 0.13 -0.76	29.08 0.08 -0.94	30.48 0.15 -1.10	31.51 0.15 -1.20	36.63 0.21 -1.74	40.63 0.19 -2.17	38.74 0.29 -1.96	35.53 0.20 -1.60	31.13 0.15 -1.09	29.13 0.14 -0.75	24.84 0.07 -0.33	22.45 0.04 -0.22
ONONDAGA___COGEN 23986	19.70 0.08 0.00	17.67 -0.04 0.00	16.71 -0.05 0.00	16.60 -0.03 0.00	16.74 -0.02 0.00	17.55 0.00 0.00	20.39 0.02 0.00	22.29 -0.04 0.00	23.28 -0.07 -0.26	23.43 0.00 -0.29	25.28 0.05 -0.71	27.16 0.13 -1.02	28.16 0.13 -1.16	29.60 0.11 -1.43	31.11 0.20 -1.67	32.20 0.21 -1.84	37.66 0.28 -2.70	41.90 0.27 -3.36	39.90 0.36 -3.04	36.48 0.27 -2.49	31.80 0.21 -1.69	29.57 0.17 -1.16	25.04 0.10 -0.52	22.61 0.09 -0.34
ONTARIO___LFGE 23819	19.91 0.29 0.00	17.74 0.04 0.00	16.76 0.00 0.00	16.67 0.03 0.00	16.84 0.08 0.00	17.69 0.14 0.00	20.78 0.41 0.00	22.67 0.34 0.00	23.50 0.32 -0.09	23.68 0.44 -0.10	25.40 0.64 -0.25	27.20 0.83 -0.36	28.16 0.89 -0.41	29.46 0.90 -0.50	30.82 0.99 -0.59	31.81 1.03 -0.63	36.74 1.14 -0.91	40.59 1.19 -1.13	38.90 1.39 -1.03	35.74 1.18 -0.84	31.39 0.93 -0.57	29.48 0.85 -0.39	25.24 0.63 -0.17	22.90 0.60 -0.11
ORANGEVILLE_WT_PWR 323706	19.74 0.12 0.00	17.40 -0.30 0.00	16.45 -0.30 0.00	16.37 -0.27 0.00	16.59 -0.17 0.00	17.48 -0.07 0.00	20.74 0.37 -0.01	22.45 0.11 0.00	23.23 0.14 0.00	23.44 0.30 0.00	25.10 0.59 0.00	26.92 0.91 0.00	27.97 1.10 0.00	29.12 1.07 0.00	30.37 1.14 0.00	31.24 1.08 0.00	35.72 1.04 0.00	39.00 0.73 0.00	37.58 1.09 0.00	34.56 0.84 0.00	30.53 0.63 0.00	28.81 0.56 0.00	24.95 0.51 0.00	22.76 0.58 0.00
ORANGEVILLE___ESR 323794	19.74 0.12 0.00	17.40 -0.30 0.00	16.45 -0.30 0.00	16.37 -0.27 0.00	16.59 -0.17 0.00	17.48 -0.07 0.00	20.74 0.37 -0.01	22.45 0.11 0.00	23.23 0.14 0.00	23.44 0.30 0.00	25.10 0.59 0.00	26.92 0.91 0.00	27.97 1.10 0.00	29.12 1.07 0.00	30.37 1.14 0.00	31.24 1.08 0.00	35.72 1.04 0.00	39.00 0.73 0.00	37.58 1.09 0.00	34.56 0.84 0.00	30.53 0.63 0.00	28.81 0.56 0.00	24.95 0.51 0.00	22.76 0.58 0.00
OSWEGATCHIE___HYD 24044	19.58 -0.04 0.00	17.70 0.00 0.00	16.74 -0.02 0.00	16.63 0.00 0.00	16.76 0.00 0.00	17.60 0.05 0.00	20.18 -0.18 0.00	22.11 -0.22 0.00	22.90 -0.25 -0.07	22.90 -0.30 -0.06	24.35 -0.32 -0.15	26.04 -0.18 -0.21	26.76 -0.35 -0.24	28.05 -0.31 -0.30	29.09 -0.50 -0.35	30.05 -0.48 -0.38	34.84 -0.41 -0.58	38.67 -0.50 -0.90	37.05 -0.25 -0.81	34.35 -0.03 -0.67	30.29 -0.06 -0.45	28.44 -0.11 -0.31	24.62 0.05 -0.14	22.30 0.02 -0.09
OSWEGO___5 23606	19.34 -0.27 0.00	17.37 -0.34 0.00	16.44 -0.32 0.00	16.32 -0.32 0.00	16.45 -0.30 0.00	17.25 -0.30 0.00	20.08 -0.29 0.00	21.93 -0.40 0.00	23.72 -0.41 -1.05	23.87 -0.44 -1.17	26.97 -0.42 -2.87	29.73 -0.39 -4.11	31.14 -0.40 -4.67	33.39 -0.42 -5.75	35.53 -0.44 -6.73	37.15 -0.45 -7.45	45.15 -0.52 -10.99	51.43 -0.61 -13.77	48.43 -0.51 -12.45	43.44 -0.47 -10.20	36.37 -0.45 -6.92	32.57 -0.42 -4.75	26.15 -0.39 -2.11	23.21 -0.36 -1.38
OSWEGO___6 23613	19.34 -0.27 0.00	17.37 -0.34 0.00	16.44 -0.32 0.00	16.32 -0.32 0.00	16.45 -0.30 0.00	17.25 -0.30 0.00	20.08 -0.29 0.00	21.93 -0.40 0.00	23.72 -0.41 -1.05	23.87 -0.44 -1.17	26.97 -0.42 -2.87	29.73 -0.39 -4.11	31.14 -0.40 -4.67	33.39 -0.42 -5.75	35.53 -0.44 -6.73	37.15 -0.45 -7.45	45.15 -0.52 -10.99	51.43 -0.61 -13.77	48.43 -0.51 -12.45	43.44 -0.47 -10.20	36.37 -0.45 -6.92	32.57 -0.42 -4.75	26.15 -0.39 -2.11	23.21 -0.36 -1.38
OUTOKUMPU-AB___DRP 24206	19.70 0.08 0.00	17.28 -0.42 0.00	16.30 -0.45 0.00	16.20 -0.43 0.00	16.45 -0.30 0.00	17.32 -0.23 0.00	20.13 -0.24 -0.01	22.25 -0.09 0.00	23.04 -0.05 0.00	23.35 0.21 0.00	25.01 0.49 0.00	26.68 0.68 0.00	27.97 1.10 0.00	28.98 0.93 0.00	30.35 1.11 0.00	31.24 1.09 0.00	35.79 1.11 0.00	38.81 0.54 0.00	37.58 1.09 0.00	34.43 0.71 0.00	30.49 0.60 0.00	28.75 0.51 0.00	24.92 0.49 0.00	22.74 0.55 0.00
OXBOW___ 24026	19.48 -0.14 0.00	17.07 -0.64 0.00	16.15 -0.60 0.00	16.05 -0.58 0.00	16.27 -0.49 0.00	17.11 -0.44 0.00	20.41 0.04 -0.01	21.96 -0.38 0.00	22.74 -0.35 0.00	23.09 -0.05 0.00	24.74 0.22 0.00	26.55 0.55 0.00	27.62 0.75 0.00	28.76 0.70 0.00	29.97 0.73 0.00	30.82 0.66 0.00	35.23 0.55 0.00	38.31 0.04 0.00	37.04 0.55 0.00	34.13 0.41 0.00	30.11 0.21 0.00	28.42 0.17 0.00	24.65 0.22 0.00	22.52 0.33 0.00
OXY_CHEM_DSASP 323612	19.17 -0.45 0.00	16.80 -0.90 0.00	15.88 -0.87 0.00	15.77 -0.86 0.00	16.00 -0.75 0.00	16.83 -0.72 0.00	19.60 -0.77 -0.01	21.64 -0.69 0.00	22.47 -0.62 0.00	22.75 -0.39 0.00	24.32 -0.20 0.00	25.90 -0.10 0.00	27.11 0.24 0.00	28.09 0.03 0.00	29.38 0.15 0.00	30.24 0.09 0.00	34.57 -0.10 0.00	37.58 -0.69 0.00	36.38 -0.11 0.00	33.38 -0.34 0.00	29.63 -0.27 0.00	27.91 -0.34 0.00	24.24 -0.20 0.00	22.19 0.00 0.00
OZONE_PARK_ESR 323760	21.15 1.53 0.00	19.05 1.35 0.00	18.00 1.24 0.00	17.81 1.18 0.00	17.89 1.14 0.00	18.76 1.21 0.00	22.05 1.65 -0.03	24.12 1.79 0.00	25.05 1.96 0.00	25.08 1.94 0.00	26.70 2.18 0.00	28.22 2.21 0.00	29.18 2.31 0.00	30.71 2.53 -0.12	31.95 2.48 -0.23	33.03 2.50 -0.38	38.28 2.88 -0.72	41.81 3.21 -0.33	39.26 2.77 0.00	36.21 2.50 0.00	32.02 2.12 0.00	30.34 2.09 0.00	26.39 1.95 0.00	23.92 1.73 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	19.17 -0.45 0.00	16.80 -0.90 0.00	15.88 -0.87 0.00	15.77 -0.86 0.00	16.00 -0.75 0.00	16.83 -0.72 0.00	19.60 -0.77 -0.01	21.64 -0.69 0.00	22.47 -0.62 0.00	22.75 -0.39 0.00	24.32 -0.20 0.00	25.90 -0.10 0.00	27.11 0.24 0.00	28.09 0.03 0.00	29.38 0.15 0.00	30.24 0.09 0.00	34.57 -0.10 0.00	37.58 -0.69 0.00	36.38 -0.11 0.00	33.38 -0.34 0.00	29.63 -0.27 0.00	27.91 -0.34 0.00	24.24 -0.20 0.00	22.19 0.00 0.00
PACKARD___115KV_DUPONT_184 80571	19.17 -0.45 0.00	16.80 -0.90 0.00	15.88 -0.87 0.00	15.77 -0.86 0.00	16.00 -0.75 0.00	16.83 -0.72 0.00	19.60 -0.77 -0.01	21.64 -0.69 0.00	22.47 -0.62 0.00	22.75 -0.39 0.00	24.32 -0.20 0.00	25.90 -0.10 0.00	27.11 0.24 0.00	28.09 0.03 0.00	29.38 0.15 0.00	30.24 0.09 0.00	34.57 -0.10 0.00	37.58 -0.69 0.00	36.38 -0.11 0.00	33.38 -0.34 0.00	29.63 -0.27 0.00	27.91 -0.34 0.00	24.24 -0.20 0.00	22.19 0.00 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	21.16 1.53 -0.01	19.08 1.36 -0.01	18.01 1.26 0.00	17.84 1.20 -0.01	17.89 1.14 0.00	18.67 1.12 0.00	21.82 1.43 -0.03	23.83 1.50 0.00	24.77 1.69 0.00	24.81 1.67 0.00	26.40 1.89 0.00	28.04 2.03 0.00	28.97 2.10 0.00	30.51 2.33 -0.12	31.60 2.13 -0.23	32.67 2.14 -0.38	37.93 2.53 -0.72	41.39 2.79 -0.33	38.82 2.34 0.00	35.81 2.09 0.00	31.60 1.70 0.00	30.17 1.92 0.00	26.34 1.91 0.00	23.80 1.62 0.00

PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	21.31 1.69 -0.01	19.20 1.49 -0.01	18.15 1.39 0.00	17.97 1.33 -0.01	18.03 1.27 0.00	18.79 1.25 0.00	21.97 1.57 -0.03	24.01 1.68 0.00	24.94 1.85 0.00	24.94 1.80 0.00	26.58 2.06 0.00	28.19 2.18 0.00	29.16 2.28 0.00	30.71 2.53 -0.12	31.92 2.46 -0.23	32.97 2.44 -0.38	38.28 2.88 -0.72	41.78 3.18 -0.33	39.19 2.70 0.00	36.15 2.43 0.00	31.87 1.97 0.00	30.48 2.23 0.00	26.61 2.17 0.00	24.03 1.84 0.00
PATROON__115KV_TB1 80586	20.31 0.69 0.00	18.36 0.66 0.00	17.39 0.64 0.00	17.23 0.60 0.00	17.34 0.59 0.00	18.14 0.60 0.00	21.22 0.81 -0.04	23.14 0.80 0.00	23.90 0.81 0.00	23.88 0.74 0.00	25.35 0.83 0.00	26.81 0.81 0.00	27.70 0.83 0.00	28.84 0.90 0.12	29.92 0.91 0.22	30.77 0.96 0.35	35.07 1.08 0.69	39.22 1.26 0.31	37.58 1.09 0.00	34.76 1.05 0.00	30.88 0.99 0.00	29.23 0.99 0.00	25.21 0.78 0.00	22.98 0.80 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	19.76 0.14 0.00	17.37 -0.34 0.00	16.39 -0.37 0.00	16.28 -0.35 0.00	16.54 -0.22 0.00	17.41 -0.14 0.00	20.31 -0.06 -0.01	22.43 0.09 0.00	22.81 -0.28 0.00	23.12 -0.02 0.00	24.81 0.29 0.00	26.48 0.47 0.00	27.79 0.91 0.00	28.76 0.70 0.00	30.14 0.91 0.00	31.06 0.90 0.00	35.51 0.83 0.00	38.58 0.31 0.00	37.29 0.80 0.00	34.09 0.37 0.00	30.20 0.30 0.00	28.41 0.17 0.00	24.63 0.20 0.00	22.45 0.27 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	20.97 1.35 0.00	18.85 1.15 0.00	17.84 1.09 0.00	17.70 1.06 0.00	17.78 1.02 0.00	18.62 1.07 0.00	21.88 1.49 -0.03	23.85 1.52 0.00	24.68 1.59 0.00	24.71 1.57 0.00	26.31 1.79 0.00	27.80 1.79 0.00	28.78 1.91 0.00	30.24 2.08 -0.11	31.48 2.05 -0.20	32.62 2.14 -0.33	37.80 2.50 -0.62	41.39 2.83 -0.28	38.86 2.37 0.00	35.94 2.23 0.00	31.87 1.97 0.00	30.14 1.89 0.00	26.12 1.69 0.00	23.76 1.58 0.00
PEEKSKILL____ 23653	20.82 1.20 0.00	18.75 1.04 0.00	17.71 0.95 0.00	17.55 0.91 0.00	17.64 0.89 0.00	18.49 0.95 0.00	21.62 1.22 -0.03	23.65 1.32 0.00	24.47 1.39 0.00	24.64 1.50 0.00	26.23 1.72 0.00	27.72 1.72 0.00	28.67 1.80 0.00	30.09 1.91 -0.12	31.39 1.93 -0.23	32.48 1.96 -0.37	37.64 2.25 -0.71	41.20 2.60 -0.32	38.68 2.19 0.00	35.64 1.92 0.00	31.60 1.70 0.00	29.88 1.64 0.00	25.95 1.52 0.00	23.58 1.40 0.00
PGE MADISON__WINDPWR 24146	21.17 1.55 0.00	18.89 1.19 0.00	17.86 1.11 0.00	17.75 1.11 0.00	17.84 1.09 0.00	18.79 1.25 0.00	21.88 1.51 -0.01	23.99 1.65 0.00	24.78 1.59 -0.10	24.91 1.62 -0.15	26.91 2.03 -0.36	28.95 2.42 -0.52	29.61 2.15 -0.59	31.17 2.38 -0.73	32.51 2.43 -0.85	33.32 2.38 -0.79	38.67 2.95 -1.05	43.06 3.48 -1.30	41.39 3.72 -1.18	38.33 3.64 -0.96	33.66 3.11 -0.65	31.46 2.77 -0.45	26.90 2.27 -0.20	24.29 1.97 -0.13
PIERCEFIELD__HYD 23852	19.27 -0.35 0.00	17.51 -0.19 0.00	16.55 -0.20 0.00	16.47 -0.17 0.00	16.59 -0.17 0.00	17.41 -0.14 0.00	19.84 -0.53 0.00	21.82 -0.51 0.00	22.58 -0.51 0.00	22.56 -0.58 0.00	23.81 -0.71 0.00	25.33 -0.68 0.00	26.09 -0.78 0.00	27.30 -0.76 0.00	28.39 -0.85 0.00	29.28 -0.87 0.00	33.71 -0.97 0.00	37.05 -1.22 0.00	35.47 -1.02 0.00	32.88 -0.84 0.00	29.15 -0.75 0.00	27.51 -0.73 0.00	24.04 -0.39 0.00	21.87 -0.31 0.00
PINELAWN_CC_1 323563	21.44 1.82 0.00	19.30 1.59 0.00	18.13 1.37 0.00	17.90 1.26 0.00	17.96 1.21 0.00	18.97 1.42 0.00	22.11 1.71 -0.03	24.26 1.92 0.00	25.21 2.12 0.00	25.48 2.34 -0.01	27.05 2.53 -0.01	29.67 2.52 -1.14	31.20 2.66 -1.66	31.75 2.81 -0.89	32.37 2.89 -0.24	33.48 2.92 -0.40	38.88 3.47 -0.73	42.59 3.98 -0.34	40.00 3.50 -0.01	36.83 3.10 -0.01	32.60 2.69 -0.01	32.01 2.54 -1.22	28.11 2.42 -1.26	24.43 2.24 -0.01
PJM_GEN_HTP_PROXY 323702	20.99 1.37 0.00	18.89 1.19 0.00	17.84 1.09 0.00	17.66 1.03 0.00	17.76 1.01 0.00	18.62 1.07 0.00	21.76 1.36 -0.03	23.86 1.52 0.00	24.70 1.62 0.00	24.88 1.74 0.00	26.48 1.96 0.00	27.96 1.95 0.00	28.94 2.07 0.00	30.37 2.19 -0.12	31.66 2.19 -0.23	32.88 2.20 -0.52	37.79 2.53 -0.58	41.51 2.91 -0.33	38.90 2.41 0.00	35.84 2.13 0.00	31.75 1.85 0.00	30.05 1.81 0.00	26.14 1.71 0.00	23.71 1.53 0.00
PJM_GEN_KEystone 24065	20.13 0.51 0.00	17.97 0.27 0.00	16.99 0.23 0.00	16.85 0.22 0.00	16.99 0.23 0.00	17.81 0.26 0.00	20.95 0.57 -0.02	22.85 0.51 0.00	23.66 0.53 -0.04	23.84 0.65 -0.05	25.55 0.91 -0.12	27.17 0.99 -0.18	28.23 1.15 -0.20	29.52 1.15 -0.31	30.87 1.23 -0.41	32.00 1.21 -0.64	36.51 1.18 -0.65	40.18 1.22 -0.68	38.08 1.13 -0.46	35.04 0.94 -0.37	30.93 0.78 -0.25	29.13 0.71 -0.17	25.24 0.73 -0.08	22.99 0.75 -0.05
PJM_GEN_NEPTUNE_PROXY 323594	21.17 1.55 0.00	19.07 1.36 0.00	17.93 1.17 0.00	17.70 1.07 0.00	17.78 1.02 0.00	18.74 1.19 0.00	21.84 1.45 -0.03	23.99 1.65 0.00	24.91 1.82 0.00	25.18 2.04 -0.01	26.71 2.18 -0.01	29.25 2.11 -1.14	30.76 2.23 -1.66	31.27 2.33 -0.89	31.96 2.48 -0.24	33.17 2.47 -0.54	38.21 2.95 -0.59	41.94 3.33 -0.34	39.38 2.88 -0.01	36.26 2.53 -0.01	32.12 2.21 -0.01	31.50 2.03 -1.22	27.67 1.98 -1.26	24.08 1.88 -0.01
PJM_GEN_VFT_PROXY 323633	20.89 1.27 0.00	18.82 1.12 0.00	17.78 1.02 0.00	17.60 0.96 0.00	17.69 0.94 0.00	18.55 1.00 0.00	21.66 1.26 -0.03	23.74 1.41 0.00	24.59 1.50 0.00	24.76 1.62 0.00	26.36 1.84 0.00	27.83 1.82 0.00	28.81 1.94 0.00	30.26 2.08 -0.12	31.48 2.02 -0.23	32.70 2.02 -0.52	37.55 2.29 -0.58	41.24 2.64 -0.33	38.64 2.15 0.00	35.61 1.89 0.00	31.54 1.64 0.00	29.88 1.64 0.00	26.02 1.59 0.00	23.58 1.40 0.00
PLATSBRG_115KV_PMLD1 355749	19.91 0.29 0.00	18.11 0.41 0.00	17.12 0.37 0.00	17.03 0.40 0.00	17.21 0.45 0.00	18.02 0.47 0.00	20.69 0.33 0.00	22.94 0.60 0.00	23.78 0.69 0.00	23.74 0.60 0.00	25.01 0.49 0.00	26.53 0.52 0.00	27.49 0.62 0.00	28.70 0.65 0.00	29.94 0.70 0.00	30.91 0.75 0.00	35.62 0.94 0.00	39.27 1.00 0.00	37.58 1.09 0.00	34.73 1.01 0.00	30.79 0.90 0.00	28.95 0.71 0.00	24.99 0.56 0.00	22.65 0.47 0.00
PLEASANTVLY__LBMP 24000	20.74 1.12 0.00	18.70 0.99 0.00	17.68 0.92 0.00	17.51 0.88 0.00	17.61 0.85 0.00	18.44 0.89 0.00	21.64 1.24 -0.03	23.61 1.27 0.00	24.45 1.36 0.00	24.48 1.34 0.00	26.04 1.52 0.00	27.52 1.51 0.00	28.43 1.56 0.00	29.88 1.68 -0.14	31.16 1.67 -0.26	32.27 1.69 -0.42	37.40 1.91 -0.81	40.82 2.18 -0.37	38.31 1.82 0.00	35.44 1.72 0.00	31.42 1.52 0.00	29.71 1.47 0.00	25.78 1.34 0.00	23.47 1.29 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	20.89 1.28 0.00	18.82 1.12 0.00	17.78 1.02 0.00	17.61 0.98 0.00	17.71 0.96 0.00	18.55 1.00 0.00	21.78 1.38 -0.03	23.81 1.47 0.00	24.68 1.59 0.00	24.71 1.57 0.00	26.31 1.79 0.00	27.83 1.82 0.00	28.75 1.88 0.00	30.20 2.02 -0.13	31.51 2.05 -0.23	32.58 2.05 -0.38	37.77 2.36 -0.73	41.24 2.64 -0.33	38.75 2.26 0.00	35.78 2.06 0.00	31.69 1.79 0.00	30.00 1.75 0.00	26.04 1.61 0.00	23.65 1.46 0.00

PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	20.89 1.28 0.00	18.82 1.12 0.00	17.78 1.02 0.00	17.61 0.98 0.00	17.71 0.96 0.00	18.55 1.00 0.00	21.78 1.38 -0.03	23.81 1.47 0.00	24.68 1.59 0.00	24.71 1.57 0.00	26.31 1.79 0.00	27.83 1.82 0.00	28.75 1.88 0.00	30.20 2.02 -0.13	31.51 2.05 -0.23	32.58 2.05 -0.38	37.77 2.36 -0.73	41.24 2.64 -0.33	38.75 2.26 0.00	35.78 2.06 0.00	31.69 1.79 0.00	30.00 1.75 0.00	26.04 1.61 0.00	23.65 1.46 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	20.86 1.24 0.00	18.77 1.06 0.00	17.76 1.01 0.00	17.60 0.96 0.00	17.69 0.94 0.00	18.53 0.98 0.00	21.76 1.36 -0.03	23.72 1.38 0.00	24.57 1.48 0.00	24.60 1.46 0.00	26.14 1.62 0.00	27.62 1.61 0.00	28.56 1.69 0.00	29.83 1.80 0.02	30.97 1.78 0.04	31.89 1.81 0.07	36.65 2.12 0.14	40.65 2.45 0.07	38.53 2.04 0.00	35.64 1.92 0.00	31.60 1.70 0.00	29.94 1.69 0.00	25.95 1.51 0.00	23.61 1.42 0.00
POLETTI____ 23519	20.95 1.33 0.00	18.89 1.19 0.00	17.84 1.09 0.00	17.66 1.03 0.00	17.74 0.99 0.00	18.60 1.05 0.00	21.84 1.45 -0.03	23.88 1.54 0.00	24.80 1.71 0.00	24.83 1.69 0.00	26.43 1.91 0.00	27.93 1.92 0.00	28.89 2.02 0.00	30.36 2.19 -0.12	31.58 2.13 -0.22	32.66 2.14 -0.36	37.85 2.46 -0.71	41.34 2.76 -0.31	38.77 2.30 0.02	35.76 2.06 0.02	31.64 1.76 0.02	30.00 1.75 0.00	26.12 1.69 0.00	23.67 1.49 0.00
PORT_JEFF_3 23555	21.36 1.75 0.00	19.26 1.56 0.00	18.06 1.31 0.00	17.83 1.20 0.00	17.88 1.12 0.00	18.90 1.35 0.00	21.99 1.59 -0.03	24.01 1.68 0.00	24.98 1.89 0.00	25.25 2.11 -0.01	26.86 2.33 -0.01	29.43 2.29 -1.14	30.98 2.45 -1.66	31.52 2.58 -0.89	32.13 2.66 -0.24	33.23 2.68 -0.40	38.60 3.19 -0.73	42.32 3.71 -0.34	39.71 3.21 -0.01	36.73 3.00 -0.01	32.33 2.42 -0.01	31.98 2.51 -1.22	28.09 2.40 -1.26	24.39 2.20 -0.01
PORT_JEFF_4 23616	21.36 1.75 0.00	19.26 1.56 0.00	18.06 1.31 0.00	17.83 1.20 0.00	17.88 1.12 0.00	18.90 1.35 0.00	21.99 1.59 -0.03	24.01 1.68 0.00	24.98 1.89 0.00	25.25 2.11 -0.01	26.86 2.33 -0.01	29.43 2.29 -1.14	30.98 2.45 -1.66	31.52 2.58 -0.89	32.13 2.66 -0.24	33.23 2.68 -0.40	38.60 3.19 -0.73	42.32 3.71 -0.34	39.71 3.21 -0.01	36.73 3.00 -0.01	32.33 2.42 -0.01	31.98 2.51 -1.22	28.09 2.40 -1.26	24.39 2.20 -0.01
PORT_JEFF_IC 23713	21.40 1.79 0.00	19.30 1.59 0.00	18.10 1.34 0.00	17.85 1.21 0.00	17.91 1.16 0.00	18.93 1.39 0.00	22.03 1.63 -0.03	24.06 1.72 0.00	25.05 1.96 0.00	25.32 2.17 -0.01	26.93 2.40 -0.01	29.53 2.39 -1.14	31.09 2.55 -1.66	31.64 2.69 -0.89	32.25 2.78 -0.24	33.36 2.80 -0.40	38.78 3.36 -0.73	42.52 3.91 -0.34	39.89 3.39 -0.01	36.86 3.14 -0.01	32.44 2.54 -0.01	32.06 2.60 -1.22	28.16 2.47 -1.26	24.43 2.24 -0.01
PPL PILGRIM_ST_GT1 24216	21.48 1.86 0.00	19.35 1.65 0.00	18.16 1.41 0.00	17.93 1.30 0.00	18.00 1.24 0.00	19.00 1.46 0.00	22.15 1.75 -0.03	24.30 1.97 0.00	25.26 2.17 0.00	25.55 2.41 -0.01	27.15 2.62 -0.01	29.77 2.63 -1.14	31.30 2.77 -1.66	31.86 2.92 -0.89	32.46 2.98 -0.24	33.57 3.02 -0.40	38.95 3.54 -0.73	42.71 4.10 -0.34	40.11 3.61 -0.01	36.93 3.21 -0.01	32.65 2.75 -0.01	32.12 2.65 -1.22	28.23 2.54 -1.26	24.52 2.33 -0.01
PPL PILGRIM_ST_GT2 24217	21.48 1.86 0.00	19.35 1.65 0.00	18.16 1.41 0.00	17.93 1.30 0.00	18.00 1.24 0.00	19.00 1.46 0.00	22.15 1.75 -0.03	24.30 1.97 0.00	25.26 2.17 0.00	25.55 2.41 -0.01	27.15 2.62 -0.01	29.77 2.63 -1.14	31.30 2.77 -1.66	31.86 2.92 -0.89	32.46 2.98 -0.24	33.57 3.02 -0.40	38.95 3.54 -0.73	42.71 4.10 -0.34	40.11 3.61 -0.01	36.93 3.21 -0.01	32.65 2.75 -0.01	32.12 2.65 -1.22	28.23 2.54 -1.26	24.52 2.33 -0.01
PPL_SHRM_GT3 24213	21.13 1.51 0.00	19.12 1.42 0.00	17.86 1.11 0.00	17.63 1.00 0.00	17.66 0.90 0.00	18.69 1.14 0.00	21.72 1.32 -0.03	23.81 1.47 0.00	24.77 1.68 0.00	25.07 1.92 -0.01	26.66 2.13 -0.01	29.22 2.08 -1.14	30.76 2.23 -1.66	31.33 2.38 -0.89	31.90 2.43 -0.24	33.03 2.47 -0.40	38.40 2.98 -0.73	42.13 3.52 -0.34	39.53 3.03 -0.01	36.56 2.83 -0.01	32.24 2.33 -0.01	31.78 2.32 -1.22	27.84 2.15 -1.26	24.15 1.95 -0.01
PPL_SHRM_GT4 24214	21.13 1.51 0.00	19.12 1.42 0.00	17.86 1.11 0.00	17.63 1.00 0.00	17.66 0.90 0.00	18.69 1.14 0.00	21.72 1.32 -0.03	23.81 1.47 0.00	24.77 1.68 0.00	25.07 1.92 -0.01	26.66 2.13 -0.01	29.22 2.08 -1.14	30.76 2.23 -1.66	31.33 2.38 -0.89	31.90 2.43 -0.24	33.03 2.47 -0.40	38.40 2.98 -0.73	42.13 3.52 -0.34	39.53 3.03 -0.01	36.56 2.83 -0.01	32.24 2.33 -0.01	31.78 2.32 -1.22	27.84 2.15 -1.26	24.15 1.95 -0.01
PROJECT____ORANGE 1 24174	19.62 0.00 0.00	17.60 -0.11 0.00	16.64 -0.12 0.00	16.53 -0.10 0.00	16.65 -0.10 0.00	17.48 -0.07 0.00	20.31 -0.06 0.00	22.22 -0.11 0.00	23.08 -0.14 -0.13	23.22 -0.07 -0.15	24.89 0.00 -0.37	26.62 0.08 -0.54	27.54 0.05 -0.61	28.81 0.00 -0.75	30.14 0.03 -0.88	31.15 0.03 -0.96	36.17 0.07 -1.42	40.03 0.00 -1.76	38.19 0.11 -1.59	35.06 0.03 -1.31	30.78 0.00 -0.89	28.85 0.00 -0.61	24.68 -0.02 -0.27	22.34 -0.02 -0.18
PROJECT____ORANGE 2 24166	19.62 0.00 0.00	17.60 -0.11 0.00	16.64 -0.12 0.00	16.53 -0.10 0.00	16.65 -0.10 0.00	17.48 -0.07 0.00	20.31 -0.06 0.00	22.22 -0.11 0.00	23.08 -0.14 -0.13	23.22 -0.07 -0.15	24.89 0.00 -0.37	26.62 0.08 -0.54	27.54 0.05 -0.61	28.81 0.00 -0.75	30.14 0.03 -0.88	31.15 0.03 -0.96	36.17 0.07 -1.42	40.03 0.00 -1.76	38.19 0.11 -1.59	35.06 0.03 -1.31	30.78 0.00 -0.89	28.85 0.00 -0.61	24.68 -0.02 -0.27	22.34 -0.02 -0.18
PUCKETT____SOLAR 323809	20.23 0.61 0.00	18.09 0.39 0.00	17.12 0.37 0.00	17.00 0.37 0.00	17.12 0.37 0.00	17.97 0.42 0.00	21.01 0.63 -0.01	22.92 0.58 0.00	23.74 0.55 -0.09	23.87 0.60 -0.13	25.64 0.81 -0.31	27.42 0.96 -0.45	28.29 0.91 -0.51	29.67 0.98 -0.63	31.02 1.05 -0.73	31.86 0.99 -0.71	36.77 1.11 -0.98	40.79 1.30 -1.22	39.02 1.42 -1.11	35.97 1.35 -0.91	31.65 1.14 -0.61	29.71 1.05 -0.42	25.50 0.88 -0.19	23.13 0.82 -0.12
PYRITES____HYD 24023	19.50 -0.12 0.00	17.72 0.02 0.00	16.74 -0.02 0.00	16.67 0.03 0.00	16.79 0.03 0.00	17.63 0.09 0.00	20.12 -0.24 0.00	22.18 -0.16 0.00	22.95 -0.14 0.00	22.91 -0.23 0.00	24.17 -0.34 0.00	25.75 -0.26 0.00	26.52 -0.35 0.00	27.78 -0.28 0.00	28.85 -0.38 0.00	29.73 -0.42 0.00	34.30 -0.38 0.00	37.77 -0.50 0.00	36.20 -0.29 0.00	33.55 -0.17 0.00	29.75 -0.15 0.00	28.02 -0.23 0.00	24.41 -0.02 0.00	22.16 -0.02 0.00
QUAKERRD_115KV_BK1 80622	19.11 -0.51 0.00	17.00 -0.71 0.00	16.07 -0.69 0.00	15.97 -0.67 0.00	16.14 -0.62 0.00	16.95 -0.60 0.00	19.74 -0.63 0.00	21.73 -0.60 0.00	22.58 -0.51 0.00	22.75 -0.39 0.00	24.22 -0.29 0.00	25.75 -0.26 0.00	26.76 -0.11 0.00	27.86 -0.20 0.00	29.18 -0.06 0.00	30.06 -0.09 0.00	34.57 -0.10 0.00	37.89 -0.38 0.00	36.45 -0.04 0.00	33.62 -0.10 0.00	29.75 -0.15 0.00	28.02 -0.23 0.00	24.19 -0.24 0.00	21.99 -0.20 0.00

QUENSBRY_I15KV_TB8 356137	20.99 1.37 0.00	18.85 1.15 0.00	17.84 1.09 0.00	17.73 1.10 0.00	17.86 1.11 0.00	18.70 1.16 0.00	21.89 1.49 -0.04	23.88 1.54 0.00	24.73 1.64 0.00	24.67 1.53 0.00	26.01 1.50 0.00	27.46 1.46 0.00	28.38 1.50 0.00	29.33 1.40 0.13	30.39 1.40 0.24	31.32 1.57 0.40	35.78 1.87 0.77	40.18 2.26 0.35	38.93 2.44 0.00	36.35 2.63 0.00	32.38 2.48 0.00	30.59 2.34 0.00	26.24 1.81 0.00	23.80 1.62 0.00
RAMAPO____LBMP 323565	20.72 1.10 0.00	18.66 0.96 0.00	17.64 0.89 0.00	17.48 0.85 0.00	17.56 0.80 0.00	18.41 0.86 0.00	21.62 1.22 -0.03	23.63 1.30 0.00	24.47 1.39 0.00	24.53 1.39 0.00	26.11 1.59 0.00	27.62 1.61 0.00	28.56 1.69 0.00	29.99 1.82 -0.11	31.29 1.84 -0.21	32.34 1.84 -0.34	37.42 2.08 -0.66	40.91 2.33 -0.30	38.46 1.97 0.00	35.51 1.79 0.00	31.45 1.55 0.00	29.74 1.50 0.00	25.85 1.42 0.00	23.49 1.31 0.00
RANKINE____ 23646	19.78 0.16 0.00	17.39 -0.32 0.00	16.40 -0.35 0.00	16.30 -0.33 0.00	16.55 -0.20 0.00	17.42 -0.12 0.00	20.31 -0.06 -0.01	22.45 0.11 0.00	23.11 0.02 0.00	23.42 0.28 0.00	25.11 0.59 0.00	26.79 0.78 0.00	28.05 1.18 0.00	29.07 1.01 0.00	30.46 1.23 0.00	31.36 1.21 0.00	35.89 1.21 0.00	38.96 0.69 0.00	37.73 1.24 0.00	34.49 0.78 0.00	30.58 0.69 0.00	28.81 0.56 0.00	24.97 0.54 0.00	22.78 0.60 0.00
RAVENSWOOD_GT2_1 24244	20.99 1.37 0.00	18.91 1.20 0.00	17.86 1.11 0.00	17.68 1.05 0.00	17.78 1.02 0.00	18.62 1.07 0.00	21.76 1.36 -0.03	23.86 1.52 0.00	24.70 1.62 0.00	24.88 1.74 0.00	26.48 1.96 0.00	27.98 1.98 0.00	28.94 2.07 0.00	30.40 2.22 -0.12	31.66 2.19 -0.23	32.76 2.23 -0.38	37.97 2.57 -0.73	41.51 2.91 -0.33	38.93 2.45 0.00	35.88 2.16 0.00	31.75 1.85 0.00	30.08 1.83 0.00	26.17 1.73 0.00	23.74 1.55 0.00
RAVENSWOOD_GT2_2 24245	20.99 1.37 0.00	18.91 1.20 0.00	17.86 1.11 0.00	17.68 1.05 0.00	17.78 1.02 0.00	18.62 1.07 0.00	21.76 1.36 -0.03	23.86 1.52 0.00	24.70 1.62 0.00	24.88 1.74 0.00	26.48 1.96 0.00	27.98 1.98 0.00	28.94 2.07 0.00	30.40 2.22 -0.12	31.66 2.19 -0.23	32.76 2.23 -0.38	37.97 2.57 -0.73	41.51 2.91 -0.33	38.93 2.45 0.00	35.88 2.16 0.00	31.75 1.85 0.00	30.08 1.83 0.00	26.17 1.73 0.00	23.74 1.55 0.00
RAVENSWOOD_GT2_3 24246	20.99 1.37 0.00	18.91 1.20 0.00	17.86 1.11 0.00	17.68 1.05 0.00	17.78 1.02 0.00	18.63 1.09 0.00	21.78 1.39 -0.03	23.86 1.52 0.00	24.70 1.62 0.00	24.88 1.74 0.00	26.48 1.96 0.00	27.98 1.98 0.00	28.94 2.07 0.00	30.40 2.22 -0.12	31.69 2.22 -0.23	32.76 2.23 -0.38	38.01 2.60 -0.73	41.55 2.95 -0.33	38.93 2.45 0.00	35.88 2.16 0.00	31.78 1.88 0.00	30.08 1.83 0.00	26.19 1.76 0.00	23.74 1.55 0.00
RAVENSWOOD_GT2_4 24247	20.99 1.37 0.00	18.91 1.20 0.00	17.86 1.11 0.00	17.68 1.05 0.00	17.78 1.02 0.00	18.63 1.09 0.00	21.78 1.39 -0.03	23.86 1.52 0.00	24.70 1.62 0.00	24.88 1.74 0.00	26.48 1.96 0.00	27.98 1.98 0.00	28.94 2.07 0.00	30.40 2.22 -0.12	31.69 2.22 -0.23	32.76 2.23 -0.38	38.01 2.60 -0.73	41.55 2.95 -0.33	38.93 2.45 0.00	35.88 2.16 0.00	31.78 1.88 0.00	30.08 1.83 0.00	26.19 1.76 0.00	23.74 1.55 0.00
RAVENSWOOD_GT3_1 24248	20.99 1.37 0.00	18.91 1.20 0.00	17.86 1.11 0.00	17.68 1.05 0.00	17.76 1.01 0.00	18.62 1.07 0.00	21.76 1.36 -0.03	23.86 1.52 0.00	24.70 1.62 0.00	24.88 1.74 0.00	26.48 1.96 0.00	27.98 1.98 0.00	28.94 2.07 0.00	30.40 2.22 -0.12	31.66 2.19 -0.23	32.76 2.23 -0.38	37.97 2.57 -0.73	41.51 2.91 -0.33	38.93 2.45 0.00	35.88 2.16 0.00	31.75 1.85 0.00	30.08 1.83 0.00	26.17 1.73 0.00	23.71 1.53 0.00
RAVENSWOOD_GT3_2 24249	20.99 1.37 0.00	18.91 1.20 0.00	17.86 1.11 0.00	17.68 1.05 0.00	17.76 1.01 0.00	18.62 1.07 0.00	21.76 1.36 -0.03	23.86 1.52 0.00	24.70 1.62 0.00	24.88 1.74 0.00	26.48 1.96 0.00	27.98 1.98 0.00	28.94 2.07 0.00	30.40 2.22 -0.12	31.66 2.19 -0.23	32.76 2.23 -0.38	37.97 2.57 -0.73	41.51 2.91 -0.33	38.93 2.45 0.00	35.88 2.16 0.00	31.75 1.85 0.00	30.08 1.83 0.00	26.17 1.73 0.00	23.71 1.53 0.00
RAVENSWOOD_GT3_3 24250	21.01 1.39 0.00	18.93 1.22 0.00	17.88 1.12 0.00	17.71 1.08 0.00	17.79 1.04 0.00	18.65 1.11 0.00	21.90 1.51 -0.03	23.94 1.61 0.00	24.87 1.78 0.00	24.90 1.76 0.00	26.53 2.01 0.00	28.04 2.03 0.00	28.99 2.12 0.00	30.48 2.30 -0.12	31.72 2.25 -0.23	32.79 2.26 -0.38	38.00 2.60 -0.72	41.51 2.91 -0.33	38.93 2.44 0.00	35.94 2.23 0.00	31.78 1.88 0.00	30.11 1.86 0.00	26.22 1.78 0.00	23.76 1.58 0.00
RAVENSWOOD_GT3_4 24251	21.01 1.39 0.00	18.92 1.22 0.00	17.88 1.12 0.00	17.70 1.07 0.00	17.79 1.04 0.00	18.65 1.11 0.00	21.80 1.40 -0.03	23.88 1.54 0.00	24.73 1.64 0.00	24.90 1.76 0.00	26.53 2.01 0.00	28.01 2.00 0.00	28.97 2.10 0.00	30.45 2.27 -0.12	31.72 2.25 -0.23	32.79 2.26 -0.38	38.04 2.63 -0.73	41.59 2.99 -0.33	39.00 2.52 0.00	35.91 2.19 0.00	31.81 1.92 0.00	30.11 1.86 0.00	26.21 1.78 0.00	23.76 1.58 0.00
RAVENSWOOD_GT_1 23729	21.08 1.45 -0.01	18.98 1.28 0.00	17.93 1.17 0.00	17.75 1.11 0.00	17.83 1.07 0.00	18.65 1.11 0.00	21.78 1.39 -0.03	23.88 1.54 0.00	24.75 1.66 0.00	24.90 1.76 0.00	26.53 2.01 0.00	28.06 2.05 0.00	29.02 2.15 0.00	30.51 2.33 -0.12	31.75 2.28 -0.23	32.82 2.29 -0.38	38.11 2.71 -0.73	41.66 3.06 -0.33	39.04 2.55 0.00	35.94 2.22 0.00	31.78 1.88 0.00	30.17 1.92 0.00	26.29 1.86 0.00	23.78 1.60 0.00
RAVENSWOOD_GT_10 24258	20.99 1.37 0.00	18.91 1.20 0.00	17.86 1.11 0.00	17.68 1.05 0.00	17.76 1.01 0.00	18.62 1.07 0.00	21.88 1.49 -0.03	23.92 1.59 0.00	24.82 1.73 0.00	24.88 1.74 0.00	26.48 1.96 0.00	27.98 1.98 0.00	28.94 2.07 0.00	30.43 2.24 -0.12	31.66 2.19 -0.23	32.73 2.20 -0.38	37.93 2.53 -0.72	41.43 2.83 -0.33	38.86 2.37 0.00	35.88 2.16 0.00	31.75 1.85 0.00	30.08 1.84 0.00	26.17 1.73 0.00	23.72 1.53 0.00
RAVENSWOOD_GT_11 24259	20.99 1.37 0.00	18.91 1.20 0.00	17.86 1.11 0.00	17.68 1.05 0.00	17.76 1.01 0.00	18.62 1.07 0.00	21.76 1.36 -0.03	23.86 1.52 0.00	24.70 1.62 0.00	24.88 1.74 0.00	26.48 1.96 0.00	27.98 1.98 0.00	28.94 2.07 0.00	30.40 2.22 -0.12	31.66 2.19 -0.23	32.76 2.23 -0.38	37.97 2.57 -0.73	41.51 2.91 -0.33	38.93 2.45 0.00	35.88 2.16 0.00	31.75 1.85 0.00	30.08 1.83 0.00	26.17 1.73 0.00	23.71 1.53 0.00
RAVENSWOOD_GT_4 24252	20.98 1.35 -0.01	18.89 1.19 0.00	17.84 1.09 0.00	17.68 1.05 0.00	17.76 1.01 0.00	18.62 1.07 0.00	21.86 1.47 -0.03	23.92 1.59 0.00	24.82 1.73 0.00	24.85 1.71 0.00	26.48 1.96 0.00	27.98 1.98 0.00	28.91 2.04 0.00	30.40 2.22 -0.12	31.66 2.19 -0.23	32.73 2.20 -0.38	37.90 2.50 -0.72	41.39 2.79 -0.33	38.86 2.37 0.00	35.88 2.16 0.00	31.75 1.85 0.00	30.05 1.81 0.00	26.14 1.71 0.00	23.72 1.53 0.00



RAVENSWOOD_GT_5 24254	20.98 1.35 -0.01	18.89 1.19 0.00	17.84 1.09 0.00	17.68 1.05 0.00	17.76 1.01 0.00	18.62 1.07 0.00	21.86 1.47 -0.03	23.92 1.59 0.00	24.82 1.73 0.00	24.85 1.71 0.00	26.48 1.96 0.00	27.98 1.98 0.00	28.91 2.04 0.00	30.40 2.22 -0.12	31.66 2.19 -0.23	32.73 2.20 -0.38	37.90 2.50 -0.72	41.39 2.79 -0.33	38.86 2.37 0.00	35.88 2.16 0.00	31.75 1.85 0.00	30.05 1.81 0.00	26.14 1.71 0.00	23.72 1.53 0.00
RAVENSWOOD_GT_6 24253	20.98 1.35 -0.01	18.89 1.19 0.00	17.84 1.09 0.00	17.68 1.05 0.00	17.76 1.01 0.00	18.62 1.07 0.00	21.86 1.47 -0.03	23.92 1.59 0.00	24.82 1.73 0.00	24.85 1.71 0.00	26.48 1.96 0.00	27.98 1.98 0.00	28.91 2.04 0.00	30.40 2.22 -0.12	31.66 2.19 -0.23	32.73 2.20 -0.38	37.90 2.50 -0.72	41.39 2.79 -0.33	38.86 2.37 0.00	35.88 2.16 0.00	31.75 1.85 0.00	30.05 1.81 0.00	26.14 1.71 0.00	23.72 1.53 0.00
RAVENSWOOD_GT_7 24255	20.98 1.35 -0.01	18.89 1.19 0.00	17.84 1.09 0.00	17.68 1.05 0.00	17.76 1.01 0.00	18.62 1.07 0.00	21.86 1.47 -0.03	23.92 1.59 0.00	24.82 1.73 0.00	24.85 1.71 0.00	26.48 1.96 0.00	27.98 1.98 0.00	28.91 2.04 0.00	30.40 2.22 -0.12	31.66 2.19 -0.23	32.73 2.20 -0.38	37.90 2.50 -0.72	41.39 2.79 -0.33	38.86 2.37 0.00	35.88 2.16 0.00	31.75 1.85 0.00	30.05 1.81 0.00	26.14 1.71 0.00	23.72 1.53 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	20.99 1.37 0.00	18.91 1.20 0.00	17.86 1.11 0.00	17.68 1.05 0.00	17.76 1.01 0.00	18.62 1.07 0.00	21.88 1.49 -0.03	23.92 1.59 0.00	24.82 1.73 0.00	24.88 1.74 0.00	26.48 1.96 0.00	27.98 1.98 0.00	28.94 2.07 0.00	30.43 2.24 -0.12	31.66 2.19 -0.23	32.73 2.20 -0.38	37.93 2.53 -0.72	41.43 2.83 -0.33	38.86 2.37 0.00	35.88 2.16 0.00	31.75 1.85 0.00	30.08 1.84 0.00	26.17 1.73 0.00	23.72 1.53 0.00
RAVENSWOOD_GT_9 24257	20.99 1.37 0.00	18.91 1.20 0.00	17.86 1.11 0.00	17.68 1.05 0.00	17.76 1.01 0.00	18.62 1.07 0.00	21.76 1.36 -0.03	23.86 1.52 0.00	24.70 1.62 0.00	24.88 1.74 0.00	26.48 1.96 0.00	27.98 1.98 0.00	28.94 2.07 0.00	30.40 2.22 -0.12	31.66 2.19 -0.23	32.76 2.23 -0.38	37.97 2.57 -0.73	41.51 2.91 -0.33	38.93 2.45 0.00	35.88 2.16 0.00	31.75 1.85 0.00	30.08 1.83 0.00	26.17 1.73 0.00	23.71 1.53 0.00
RAVENSWOOD___1 23533	21.08 1.45 -0.01	18.98 1.28 0.00	17.93 1.17 0.00	17.75 1.11 0.00	17.83 1.07 0.00	18.65 1.11 0.00	21.78 1.39 -0.03	23.88 1.54 0.00	24.75 1.66 0.00	24.90 1.76 0.00	26.53 2.01 0.00	28.06 2.05 0.00	29.02 2.15 0.00	30.51 2.33 -0.12	31.75 2.28 -0.23	32.82 2.29 -0.38	38.11 2.71 -0.73	41.66 3.06 -0.33	39.04 2.55 0.00	35.94 2.22 0.00	31.78 1.88 0.00	30.17 1.92 0.00	26.29 1.86 0.00	23.78 1.60 0.00
RAVENSWOOD___2 23534	21.08 1.45 -0.01	18.98 1.28 0.00	17.93 1.17 0.00	17.75 1.11 0.00	17.83 1.07 0.00	18.65 1.11 0.00	21.78 1.39 -0.03	23.88 1.54 0.00	24.75 1.66 0.00	24.90 1.76 0.00	26.53 2.01 0.00	28.06 2.05 0.00	29.02 2.15 0.00	30.51 2.33 -0.12	31.75 2.28 -0.23	32.82 2.29 -0.38	38.11 2.71 -0.73	41.66 3.06 -0.33	39.04 2.55 0.00	35.94 2.22 0.00	31.78 1.88 0.00	30.17 1.92 0.00	26.29 1.86 0.00	23.78 1.60 0.00
RAVENSWOOD___3 23535	20.99 1.37 0.00	18.91 1.20 0.00	17.86 1.11 0.00	17.68 1.05 0.00	17.78 1.02 0.00	18.63 1.09 0.00	21.76 1.36 -0.03	23.86 1.52 0.00	24.70 1.62 0.00	24.88 1.74 0.00	26.48 1.96 0.00	27.98 1.98 0.00	28.94 2.07 0.00	30.40 2.22 -0.12	31.69 2.22 -0.23	32.76 2.23 -0.38	37.97 2.57 -0.73	41.55 2.95 -0.33	38.93 2.45 0.00	35.88 2.16 0.00	31.75 1.85 0.00	30.08 1.83 0.00	26.17 1.73 0.00	23.74 1.55 0.00
RAVENSWOOD___4 23820	21.08 1.45 -0.01	18.98 1.28 0.00	17.93 1.17 0.00	17.75 1.11 0.00	17.83 1.07 0.00	18.65 1.11 0.00	21.78 1.39 -0.03	23.88 1.54 0.00	24.75 1.66 0.00	24.90 1.76 0.00	26.53 2.01 0.00	28.06 2.05 0.00	29.02 2.15 0.00	30.51 2.33 -0.12	31.75 2.28 -0.23	32.82 2.29 -0.38	38.11 2.71 -0.73	41.66 3.06 -0.33	39.04 2.55 0.00	35.94 2.22 0.00	31.78 1.88 0.00	30.17 1.92 0.00	26.29 1.86 0.00	23.78 1.60 0.00
RCPL_TRUST___DRP 24196	21.01 1.39 0.00	18.91 1.20 0.00	17.88 1.12 0.00	17.70 1.06 0.00	17.78 1.02 0.00	18.65 1.11 0.00	21.90 1.51 -0.03	23.97 1.63 0.00	24.87 1.78 0.00	24.92 1.78 0.00	26.53 2.01 0.00	28.04 2.03 0.00	28.99 2.12 0.00	30.48 2.30 -0.12	31.72 2.25 -0.23	32.79 2.26 -0.38	38.00 2.60 -0.72	41.47 2.87 -0.33	38.90 2.41 0.00	35.91 2.19 0.00	31.78 1.88 0.00	30.08 1.84 0.00	26.17 1.73 0.00	23.74 1.55 0.00
RED___ROCHESTER 323720	19.84 0.22 0.00	17.58 -0.12 0.00	16.64 -0.12 0.00	16.53 -0.10 0.00	16.71 -0.05 0.00	17.55 0.00 0.00	20.74 0.37 0.00	22.54 0.20 0.00	23.34 0.25 0.00	23.63 0.49 0.00	25.20 0.69 0.00	26.89 0.88 0.00	27.92 1.05 0.00	29.12 1.07 0.00	30.43 1.20 0.00	31.33 1.17 0.00	35.93 1.25 0.00	39.38 1.11 0.00	37.91 1.42 0.00	35.00 1.28 0.00	30.91 1.02 0.00	29.18 0.93 0.00	25.19 0.76 0.00	22.92 0.73 0.00
REGAN___SOLAR 323812	21.76 2.14 0.00	19.53 1.82 0.00	18.50 1.74 0.00	18.38 1.75 0.00	18.53 1.78 0.00	19.44 1.90 0.00	22.67 2.26 -0.05	24.75 2.41 0.00	25.45 2.36 0.00	25.34 2.20 0.00	26.94 2.43 0.00	28.45 2.44 0.00	29.40 2.53 0.00	30.58 2.61 0.09	31.82 2.75 0.16	32.88 2.99 0.26	37.81 3.64 0.51	42.36 4.32 0.23	40.98 4.49 0.00	38.07 4.35 0.00	33.87 3.98 0.00	31.97 3.73 0.00	27.49 3.05 0.00	24.87 2.68 0.00
RENSSELAER___COGEN 23796	20.21 0.59 0.00	18.27 0.57 0.00	17.31 0.55 0.00	17.15 0.52 0.00	17.26 0.50 0.00	18.06 0.51 0.00	21.04 0.63 -0.04	22.96 0.62 0.00	23.67 0.58 0.00	23.76 0.63 0.00	25.20 0.69 0.00	26.63 0.62 0.00	27.54 0.67 0.00	28.64 0.70 0.11	29.72 0.70 0.21	30.56 0.75 0.35	34.84 0.83 0.67	38.96 0.99 0.30	37.36 0.87 0.00	34.50 0.78 0.00	30.70 0.81 0.00	29.04 0.79 0.00	25.07 0.63 0.00	22.85 0.66 0.00
REPUBLIC_115KV_BARTNBRK 55605	22.11 2.49 0.00	19.79 2.09 0.00	18.73 1.98 0.00	18.63 2.00 0.00	18.78 2.03 0.00	19.69 2.14 0.00	22.97 2.57 -0.04	25.13 2.79 0.00	26.04 2.96 0.00	25.89 2.75 0.00	27.36 2.84 0.00	28.92 2.91 0.00	29.80 2.93 0.00	30.84 2.92 0.13	32.06 3.07 0.25	33.07 3.32 0.40	37.89 3.99 0.78	42.66 4.75 0.35	41.45 4.96 0.00	38.68 4.96 0.00	34.62 4.72 0.00	32.68 4.43 0.00	27.85 3.42 0.00	25.18 3.00 0.00
REVERE_CPPR_DRP 24186	20.27 0.65 0.00	18.18 0.48 0.00	17.21 0.45 0.00	17.08 0.45 0.00	17.19 0.44 0.00	18.06 0.51 0.00	20.92 0.55 0.00	22.94 0.60 0.00	23.72 0.58 -0.05	23.78 0.58 -0.06	25.42 0.76 -0.14	27.20 0.99 -0.20	27.93 0.83 -0.23	29.29 0.95 -0.28	30.53 0.96 -0.33	31.54 1.03 -0.36	36.74 1.46 -0.60	40.81 1.76 -0.78	39.06 1.86 -0.71	36.09 1.79 -0.58	31.75 1.46 -0.39	29.81 1.30 -0.27	25.63 1.08 -0.12	23.13 0.87 -0.08

REYNOLDS_115KV_TB3 80639	20.36 0.75 0.00	18.39 0.69 0.00	17.43 0.67 0.00	17.26 0.63 0.00	17.38 0.62 0.00	18.18 0.63 0.00	21.26 0.86 -0.04	23.12 0.78 0.00	23.90 0.81 0.00	23.90 0.76 0.00	25.38 0.86 0.00	26.81 0.81 0.00	27.68 0.81 0.00	28.79 0.87 0.14	29.83 0.85 0.25	30.62 0.87 0.41	34.86 0.97 0.79	39.06 1.15 0.36	37.47 0.99 0.00	34.73 1.01 0.00	30.88 0.99 0.00	29.23 0.99 0.00	25.21 0.78 0.00	23.03 0.84 0.00
RIVERBAY____ 323610	21.31 1.69 -0.01	19.20 1.49 -0.01	18.15 1.39 0.00	17.97 1.33 -0.01	18.03 1.27 0.00	18.79 1.25 0.00	21.97 1.57 -0.03	24.01 1.68 0.00	24.94 1.85 0.00	24.94 1.80 0.00	26.58 2.06 0.00	28.19 2.18 0.00	29.16 2.28 0.00	30.71 2.53 -0.12	31.92 2.46 -0.23	32.97 2.44 -0.38	38.28 2.88 -0.72	41.78 3.18 -0.33	39.19 2.70 0.00	36.15 2.43 0.00	31.87 1.97 0.00	30.48 2.23 0.00	26.61 2.17 0.00	24.03 1.84 0.00
RIVERSDE_115KV_TB3 55908	20.31 0.69 0.00	18.36 0.66 0.00	17.39 0.64 0.00	17.23 0.60 0.00	17.34 0.59 0.00	18.14 0.60 0.00	21.22 0.81 -0.04	23.10 0.76 0.00	23.87 0.79 0.00	23.86 0.72 0.00	25.33 0.81 0.00	26.79 0.78 0.00	27.65 0.78 0.00	28.77 0.84 0.12	29.85 0.85 0.23	30.65 0.87 0.38	34.92 0.97 0.73	39.09 1.15 0.33	37.47 0.99 0.00	34.70 0.98 0.00	30.85 0.96 0.00	29.21 0.96 0.00	25.19 0.76 0.00	22.96 0.78 0.00
ROARING____BROOK_WT_PWR 323790	19.23 -0.39 0.00	17.42 -0.28 0.00	16.49 -0.27 0.00	16.37 -0.27 0.00	16.50 -0.25 0.00	17.30 -0.25 0.00	19.98 -0.39 0.00	22.04 -0.29 0.00	22.81 -0.28 0.00	22.86 -0.28 0.00	24.15 -0.37 0.00	25.62 -0.39 0.00	26.47 -0.40 0.00	27.64 -0.42 0.00	28.80 -0.44 0.00	29.70 -0.45 0.00	34.16 -0.52 0.00	37.66 -0.61 0.00	35.90 -0.59 0.00	33.11 -0.61 0.00	29.33 -0.57 0.00	27.68 -0.56 0.00	23.94 -0.49 0.00	21.70 -0.49 0.00
ROCHESRG_115KV_T4 355643	19.62 0.00 0.00	17.40 -0.30 0.00	16.45 -0.30 0.00	16.35 -0.28 0.00	16.52 -0.23 0.00	17.35 -0.19 0.00	20.23 -0.14 0.00	22.27 -0.07 0.00	23.16 0.07 0.00	23.37 0.23 0.00	24.88 0.37 0.00	26.48 0.47 0.00	27.54 0.67 0.00	28.65 0.59 0.00	30.00 0.76 0.00	30.91 0.75 0.00	35.48 0.80 0.00	38.81 0.54 0.00	37.40 0.91 0.00	34.46 0.74 0.00	30.52 0.63 0.00	28.75 0.51 0.00	24.85 0.42 0.00	22.63 0.44 0.00
ROCHESTER_9_IC 23652	19.74 0.12 0.00	17.49 -0.21 0.00	16.54 -0.22 0.00	16.43 -0.20 0.00	16.62 -0.13 0.00	17.46 -0.09 0.00	20.35 -0.02 0.00	22.43 0.09 0.00	23.32 0.23 0.00	23.51 0.37 0.00	25.06 0.54 0.00	26.63 0.62 0.00	27.76 0.89 0.00	28.87 0.81 0.00	30.23 0.99 0.00	31.15 1.00 0.00	35.75 1.08 0.00	39.11 0.84 0.00	37.73 1.24 0.00	34.73 1.01 0.00	30.76 0.87 0.00	28.98 0.73 0.00	25.02 0.59 0.00	22.78 0.60 0.00
ROCKVIEW_13_KV_LD 356306	20.97 1.35 0.00	18.89 1.19 0.00	17.84 1.09 0.00	17.68 1.05 0.00	17.76 1.01 0.00	18.62 1.07 0.00	21.88 1.49 -0.03	23.90 1.56 0.00	24.82 1.73 0.00	24.85 1.71 0.00	26.45 1.94 0.00	27.98 1.98 0.00	28.91 2.04 0.00	30.40 2.22 -0.12	31.69 2.22 -0.23	32.76 2.23 -0.38	37.97 2.57 -0.72	41.47 2.87 -0.33	38.93 2.44 0.00	35.94 2.23 0.00	31.84 1.94 0.00	30.14 1.89 0.00	26.17 1.73 0.00	23.76 1.58 0.00
ROME____115KV_TB2 80656	20.27 0.65 0.00	18.18 0.48 0.00	17.21 0.45 0.00	17.08 0.45 0.00	17.19 0.44 0.00	18.06 0.51 0.00	20.92 0.55 0.00	22.94 0.60 0.00	23.72 0.58 -0.05	23.78 0.58 -0.06	25.42 0.76 -0.14	27.20 0.99 -0.20	27.93 0.83 -0.23	29.29 0.95 -0.28	30.53 0.96 -0.33	31.54 1.03 -0.36	36.74 1.46 -0.60	40.81 1.76 -0.78	39.06 1.86 -0.71	36.09 1.79 -0.58	31.75 1.46 -0.39	29.81 1.30 -0.27	25.63 1.08 -0.12	23.13 0.87 -0.08
ROSETON____1 23587	20.70 1.08 0.00	18.66 0.96 0.00	17.64 0.89 0.00	17.46 0.83 0.00	17.58 0.82 0.00	18.41 0.86 0.00	21.50 1.10 -0.03	23.52 1.18 0.00	24.31 1.22 0.00	24.46 1.32 0.00	26.01 1.50 0.00	27.49 1.48 0.00	28.43 1.56 0.00	29.80 1.63 -0.11	31.11 1.67 -0.21	32.19 1.69 -0.34	37.28 1.94 -0.66	40.79 2.22 -0.30	38.35 1.86 0.00	35.40 1.69 0.00	31.42 1.52 0.00	29.71 1.47 0.00	25.77 1.34 0.00	23.45 1.26 0.00
ROSETON____2 23588	20.70 1.08 0.00	18.66 0.96 0.00	17.64 0.89 0.00	17.46 0.83 0.00	17.58 0.82 0.00	18.41 0.86 0.00	21.50 1.10 -0.03	23.52 1.18 0.00	24.31 1.22 0.00	24.46 1.32 0.00	26.01 1.50 0.00	27.49 1.48 0.00	28.43 1.56 0.00	29.80 1.63 -0.11	31.11 1.67 -0.21	32.19 1.69 -0.34	37.28 1.94 -0.66	40.79 2.22 -0.30	38.35 1.86 0.00	35.40 1.69 0.00	31.42 1.52 0.00	29.71 1.47 0.00	25.77 1.34 0.00	23.45 1.26 0.00
ROTTDAM_115KV_TB3 80664	20.50 0.88 0.00	18.47 0.76 0.00	17.49 0.74 0.00	17.35 0.72 0.00	17.48 0.72 0.00	18.28 0.74 0.00	21.38 0.98 -0.04	23.32 0.98 0.00	24.13 1.04 0.00	24.13 1.00 0.00	25.60 1.08 0.00	27.07 1.07 0.00	27.97 1.10 0.00	29.10 1.15 0.10	30.21 1.17 0.19	31.08 1.24 0.31	35.46 1.39 0.61	39.64 1.65 0.28	38.02 1.53 0.00	35.20 1.48 0.00	31.27 1.38 0.00	29.60 1.36 0.00	25.53 1.10 0.00	23.23 1.04 0.00
RUSSELL____1 23602	19.84 0.22 0.00	17.58 -0.12 0.00	16.62 -0.13 0.00	16.52 -0.12 0.00	16.71 -0.05 0.00	17.55 0.00 0.00	20.45 0.08 0.00	22.54 0.20 0.00	23.44 0.35 0.00	23.65 0.51 0.00	25.20 0.69 0.00	26.79 0.78 0.00	27.92 1.05 0.00	29.04 0.98 0.00	30.43 1.20 0.00	31.36 1.21 0.00	36.00 1.32 0.00	39.38 1.11 0.00	37.99 1.50 0.00	35.00 1.28 0.00	30.97 1.08 0.00	29.18 0.93 0.00	25.19 0.76 0.00	22.92 0.73 0.00
RUSSELL____2 23532	19.84 0.22 0.00	17.58 -0.12 0.00	16.62 -0.13 0.00	16.52 -0.12 0.00	16.71 -0.05 0.00	17.55 0.00 0.00	20.45 0.08 0.00	22.54 0.20 0.00	23.44 0.35 0.00	23.65 0.51 0.00	25.20 0.69 0.00	26.79 0.78 0.00	27.92 1.05 0.00	29.04 0.98 0.00	30.43 1.20 0.00	31.36 1.21 0.00	36.00 1.32 0.00	39.38 1.11 0.00	37.99 1.50 0.00	35.00 1.28 0.00	30.97 1.08 0.00	29.18 0.93 0.00	25.19 0.76 0.00	22.92 0.73 0.00
RUSSELL____3 23549	19.84 0.22 0.00	17.58 -0.12 0.00	16.62 -0.13 0.00	16.52 -0.12 0.00	16.71 -0.05 0.00	17.55 0.00 0.00	20.45 0.08 0.00	22.54 0.20 0.00	23.44 0.35 0.00	23.65 0.51 0.00	25.20 0.69 0.00	26.79 0.78 0.00	27.92 1.05 0.00	29.04 0.98 0.00	30.43 1.20 0.00	31.36 1.21 0.00	36.00 1.32 0.00	39.38 1.11 0.00	37.99 1.50 0.00	35.00 1.28 0.00	30.97 1.08 0.00	29.18 0.93 0.00	25.19 0.76 0.00	22.92 0.73 0.00
RUSSELL____4 23556	19.84 0.22 0.00	17.58 -0.12 0.00	16.62 -0.13 0.00	16.52 -0.12 0.00	16.71 -0.05 0.00	17.55 0.00 0.00	20.45 0.08 0.00	22.54 0.20 0.00	23.44 0.35 0.00	23.65 0.51 0.00	25.20 0.69 0.00	26.79 0.78 0.00	27.92 1.05 0.00	29.04 0.98 0.00	30.43 1.20 0.00	31.36 1.21 0.00	36.00 1.32 0.00	39.38 1.11 0.00	37.99 1.50 0.00	35.00 1.28 0.00	30.97 1.08 0.00	29.18 0.93 0.00	25.19 0.76 0.00	22.92 0.73 0.00

RUSSELL___STATION 23914	19.84 0.22 0.00	17.58 -0.12 0.00	16.62 -0.13 0.00	16.52 -0.12 0.00	16.71 -0.05 0.00	17.55 0.00 0.00	20.45 0.08 0.00	22.54 0.20 0.00	23.44 0.35 0.00	23.65 0.51 0.00	25.20 0.69 0.00	26.79 0.78 0.00	27.92 1.05 0.00	29.04 0.98 0.00	30.43 1.20 0.00	31.36 1.21 0.00	36.00 1.32 0.00	39.38 1.11 0.00	37.99 1.50 0.00	35.00 1.28 0.00	30.97 1.08 0.00	29.18 0.93 0.00	25.19 0.76 0.00	22.92 0.73 0.00
S SALMON___HYD 24043	19.70 0.08 0.00	17.69 -0.02 0.00	16.72 -0.03 0.00	16.62 -0.02 0.00	16.72 -0.03 0.00	17.56 0.02 0.00	20.41 0.04 0.00	22.29 -0.04 0.00	23.23 -0.09 -0.23	23.23 -0.19 -0.28	25.10 -0.10 -0.68	27.00 0.03 -0.97	27.89 -0.08 -1.10	29.36 -0.06 -1.36	30.68 -0.15 -1.59	31.72 -0.18 -1.75	37.06 -0.21 -2.58	41.30 -0.04 -3.07	39.45 0.18 -2.77	36.29 0.30 -2.27	31.65 0.21 -1.54	29.56 0.25 -1.06	25.07 0.17 -0.47	22.61 0.11 -0.31
S.PERRY___115KV_TB1 80734	20.33 0.71 0.00	18.00 0.30 0.00	17.01 0.25 0.00	16.91 0.28 0.00	17.12 0.37 0.00	18.02 0.47 0.00	20.98 0.61 -0.01	23.14 0.80 0.00	23.83 0.74 0.00	23.93 0.79 0.00	25.45 0.93 0.00	27.13 1.12 0.00	28.11 1.24 0.00	29.15 1.09 0.00	30.52 1.29 0.00	31.54 1.39 0.00	36.31 1.63 0.00	39.88 1.61 0.00	38.79 2.30 0.00	35.94 2.23 0.00	31.93 2.03 0.00	30.08 1.84 0.00	25.92 1.49 0.00	23.58 1.40 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	19.62 0.00 0.00	17.23 -0.48 0.00	16.27 -0.49 0.00	16.17 -0.47 0.00	16.40 -0.35 0.00	17.27 -0.28 0.00	20.11 -0.26 -0.01	22.20 -0.13 0.00	22.97 -0.12 0.00	23.28 0.14 0.00	24.91 0.39 0.00	26.55 0.55 0.00	27.81 0.94 0.00	28.81 0.76 0.00	30.17 0.94 0.00	31.06 0.90 0.00	35.55 0.87 0.00	38.61 0.34 0.00	37.36 0.88 0.00	34.26 0.54 0.00	30.38 0.48 0.00	28.61 0.37 0.00	24.82 0.39 0.00	22.67 0.49 0.00
SAWYER___23_KV_LOAD 55526	19.62 0.00 0.00	17.23 -0.48 0.00	16.27 -0.49 0.00	16.17 -0.47 0.00	16.40 -0.35 0.00	17.27 -0.28 0.00	20.11 -0.26 -0.01	22.20 -0.13 0.00	22.97 -0.12 0.00	23.28 0.14 0.00	24.91 0.39 0.00	26.55 0.55 0.00	27.81 0.94 0.00	28.81 0.76 0.00	30.17 0.94 0.00	31.06 0.90 0.00	35.55 0.87 0.00	38.61 0.34 0.00	37.36 0.88 0.00	34.26 0.54 0.00	30.38 0.48 0.00	28.61 0.37 0.00	24.82 0.39 0.00	22.67 0.49 0.00
SELKIRK___I 23801	20.40 0.79 0.00	18.43 0.73 0.00	17.46 0.70 0.00	17.31 0.68 0.00	17.44 0.69 0.00	18.23 0.68 0.00	21.26 0.86 -0.04	23.18 0.85 0.00	23.90 0.81 0.00	23.97 0.83 0.00	25.42 0.91 0.00	26.89 0.88 0.00	27.79 0.91 0.00	28.94 0.95 0.07	30.06 0.96 0.14	30.96 1.03 0.22	35.39 1.14 0.43	39.41 1.34 0.20	37.69 1.20 0.00	34.87 1.15 0.00	31.03 1.14 0.00	29.38 1.13 0.00	25.34 0.90 0.00	23.10 0.91 0.00
SELKIRK___II 23799	20.29 0.67 0.00	18.32 0.62 0.00	17.34 0.59 0.00	17.20 0.57 0.00	17.33 0.57 0.00	18.11 0.56 0.00	21.12 0.71 -0.04	23.05 0.71 0.00	23.76 0.67 0.00	23.86 0.72 0.00	25.32 0.81 0.00	26.76 0.75 0.00	27.68 0.81 0.00	28.81 0.84 0.09	29.92 0.85 0.16	30.77 0.88 0.26	35.18 1.01 0.51	39.19 1.15 0.23	37.47 0.99 0.00	34.66 0.94 0.00	30.79 0.90 0.00	29.15 0.90 0.00	25.16 0.73 0.00	22.94 0.75 0.00
SENECA OSWGO___HYD 24041	19.40 -0.22 0.00	17.42 -0.28 0.00	16.47 -0.28 0.00	16.37 -0.27 0.00	16.49 -0.27 0.00	17.28 -0.26 0.00	20.15 -0.22 0.00	22.00 -0.33 0.00	23.22 -0.35 -0.47	23.28 -0.39 -0.53	25.45 -0.37 -1.30	27.56 -0.31 -1.86	28.64 -0.35 -2.12	30.30 -0.37 -2.61	31.94 -0.35 -3.05	33.16 -0.36 -3.37	39.27 -0.38 -4.97	44.02 -0.46 -6.20	41.77 -0.33 -5.61	38.01 -0.30 -4.59	32.69 -0.33 -3.12	30.07 -0.31 -2.14	25.06 -0.32 -0.95	22.52 -0.29 -0.62
SENECA___115KV_TB3 355854	19.82 0.20 0.00	17.40 -0.30 0.00	16.44 -0.32 0.00	16.33 -0.30 0.00	16.57 -0.18 0.00	17.44 -0.11 0.00	20.33 -0.04 -0.01	22.47 0.13 0.00	23.13 0.05 0.00	23.46 0.32 0.00	25.13 0.61 0.00	26.84 0.83 0.00	28.13 1.26 0.00	29.15 1.09 0.00	30.52 1.29 0.00	31.45 1.30 0.00	35.96 1.28 0.00	39.04 0.77 0.00	37.80 1.31 0.00	34.56 0.84 0.00	30.64 0.75 0.00	28.87 0.62 0.00	25.02 0.59 0.00	22.81 0.62 0.00
SENECA___ENERGY 23797	19.72 0.10 0.00	17.60 -0.11 0.00	16.64 -0.12 0.00	16.53 -0.10 0.00	16.71 -0.05 0.00	17.55 0.00 0.00	20.55 0.18 0.00	22.40 0.07 0.00	23.35 0.07 -0.19	23.52 0.16 -0.22	25.35 0.30 -0.54	27.22 0.44 -0.77	28.21 0.46 -0.88	29.59 0.45 -1.08	31.06 0.55 -1.27	32.08 0.54 -1.39	37.33 0.62 -2.03	41.41 0.61 -2.53	39.58 0.80 -2.29	36.30 0.71 -1.87	31.71 0.54 -1.27	29.60 0.48 -0.87	25.14 0.32 -0.39	22.73 0.29 -0.25
SHOEMAKER___GT 23640	20.60 0.98 0.00	18.55 0.85 0.00	17.54 0.79 0.00	17.40 0.77 0.00	17.49 0.74 0.00	18.32 0.77 0.00	21.39 1.00 -0.03	23.39 1.05 0.00	24.15 1.06 0.00	24.27 1.13 0.00	25.82 1.30 0.00	27.31 1.30 0.00	28.24 1.37 0.00	29.59 1.43 -0.10	30.89 1.46 -0.19	31.94 1.48 -0.31	37.01 1.73 -0.60	40.57 2.03 -0.27	38.24 1.75 0.00	35.27 1.55 0.00	31.30 1.41 0.00	29.60 1.36 0.00	25.65 1.22 0.00	23.36 1.18 0.00
SHOEMAKR_138KV_BK 111 55601	20.58 0.96 0.00	18.54 0.83 0.00	17.53 0.77 0.00	17.38 0.75 0.00	17.48 0.72 0.00	18.30 0.75 0.00	21.45 1.06 -0.03	23.43 1.09 0.00	24.24 1.15 0.00	24.27 1.13 0.00	25.82 1.30 0.00	27.31 1.30 0.00	28.24 1.37 0.00	29.62 1.46 -0.10	30.89 1.46 -0.19	31.94 1.48 -0.31	36.96 1.70 -0.59	40.49 1.95 -0.27	38.17 1.68 0.00	35.24 1.52 0.00	31.24 1.35 0.00	29.57 1.33 0.00	25.65 1.22 0.00	23.34 1.15 0.00
SHOREHAM_IC_1 23715	21.13 1.51 0.00	19.12 1.42 0.00	17.86 1.11 0.00	17.63 1.00 0.00	17.66 0.90 0.00	18.69 1.14 0.00	21.72 1.32 -0.03	23.81 1.47 0.00	24.77 1.68 0.00	25.07 1.92 -0.01	26.66 2.13 -0.01	29.22 2.08 -1.14	30.76 2.23 -1.66	31.33 2.38 -0.89	31.90 2.43 -0.24	33.03 2.47 -0.40	38.40 2.98 -0.73	42.13 3.52 -0.34	39.53 3.03 -0.01	36.56 2.83 -0.01	32.24 2.33 -0.01	31.78 2.32 -1.22	27.84 2.15 -1.26	24.15 1.95 -0.01
SHOREHAM_IC_2 23716	21.13 1.51 0.00	19.12 1.42 0.00	17.86 1.11 0.00	17.63 1.00 0.00	17.66 0.90 0.00	18.69 1.14 0.00	21.72 1.32 -0.03	23.81 1.47 0.00	24.77 1.68 0.00	25.07 1.92 -0.01	26.66 2.13 -0.01	29.22 2.08 -1.14	30.76 2.23 -1.66	31.33 2.38 -0.89	31.90 2.43 -0.24	33.03 2.47 -0.40	38.40 2.98 -0.73	42.13 3.52 -0.34	39.53 3.03 -0.01	36.56 2.83 -0.01	32.24 2.33 -0.01	31.78 2.32 -1.22	27.84 2.15 -1.26	24.15 1.95 -0.01
SISSONVILLE___ 23735	19.27 -0.35 0.00	17.51 -0.19 0.00	16.55 -0.20 0.00	16.47 -0.17 0.00	16.59 -0.17 0.00	17.41 -0.14 0.00	19.84 -0.53 0.00	21.82 -0.51 0.00	22.58 -0.51 0.00	22.56 -0.58 0.00	23.81 -0.71 0.00	25.33 -0.68 0.00	26.09 -0.78 0.00	27.30 -0.76 0.00	28.39 -0.85 0.00	29.28 -0.87 0.00	33.71 -0.97 0.00	37.05 -1.22 0.00	35.47 -1.02 0.00	32.88 -0.84 0.00	29.15 -0.75 0.00	27.51 -0.73 0.00	24.04 -0.39 0.00	21.87 -0.31 0.00

SITHE_IND_GS1 24169	19.21 -0.41 0.00	17.26 -0.44 0.00	16.34 -0.42 0.00	16.22 -0.42 0.00	16.34 -0.42 0.00	17.13 -0.42 0.00	19.96 -0.41 0.00	21.78 -0.56 0.00	21.21 -0.58 1.30	21.04 -0.65 1.45	20.33 -0.64 3.55	20.30 -0.62 5.08	20.44 -0.65 5.78	20.24 -0.70 7.12	20.20 -0.70 8.33	20.20 -0.72 9.23	20.20 -0.83 13.65	20.20 -0.96 17.11	20.17 -0.84 15.48	20.27 -0.77 12.67	20.58 -0.72 8.60	21.67 -0.68 5.90	21.20 -0.61 2.62	19.91 -0.55 1.72
SITHE_IND_GS2 24170	19.21 -0.41 0.00	17.26 -0.44 0.00	16.34 -0.42 0.00	16.22 -0.42 0.00	16.34 -0.42 0.00	17.13 -0.42 0.00	19.96 -0.41 0.00	21.78 -0.56 0.00	21.21 -0.58 1.30	21.04 -0.65 1.45	20.33 -0.64 3.55	20.30 -0.62 5.08	20.44 -0.65 5.78	20.24 -0.70 7.12	20.20 -0.70 8.33	20.20 -0.72 9.23	20.20 -0.83 13.65	20.20 -0.96 17.11	20.17 -0.84 15.48	20.27 -0.77 12.67	20.58 -0.72 8.60	21.67 -0.68 5.90	21.20 -0.61 2.62	19.91 -0.55 1.72
SITHE_IND_GS3 24171	19.21 -0.41 0.00	17.26 -0.44 0.00	16.34 -0.42 0.00	16.22 -0.42 0.00	16.34 -0.42 0.00	17.13 -0.42 0.00	19.96 -0.41 0.00	21.78 -0.56 0.00	21.21 -0.58 1.30	21.04 -0.65 1.45	20.33 -0.64 3.55	20.30 -0.62 5.08	20.44 -0.65 5.78	20.24 -0.70 7.12	20.20 -0.70 8.33	20.20 -0.72 9.23	20.20 -0.83 13.65	20.20 -0.96 17.11	20.17 -0.84 15.48	20.27 -0.77 12.67	20.58 -0.72 8.60	21.67 -0.68 5.90	21.20 -0.61 2.62	19.91 -0.55 1.72
SITHE_IND_GS4 24172	19.21 -0.41 0.00	17.26 -0.44 0.00	16.34 -0.42 0.00	16.22 -0.42 0.00	16.34 -0.42 0.00	17.13 -0.42 0.00	19.96 -0.41 0.00	21.78 -0.56 0.00	21.21 -0.58 1.30	21.04 -0.65 1.45	20.33 -0.64 3.55	20.30 -0.62 5.08	20.44 -0.65 5.78	20.24 -0.70 7.12	20.20 -0.70 8.33	20.20 -0.72 9.23	20.20 -0.83 13.65	20.20 -0.96 17.11	20.17 -0.84 15.48	20.27 -0.77 12.67	20.58 -0.72 8.60	21.67 -0.68 5.90	21.20 -0.61 2.62	19.91 -0.55 1.72
SITHE___BATAVIA 24024	19.97 0.35 0.00	17.58 -0.12 0.00	16.64 -0.12 0.00	16.55 -0.08 0.00	16.74 -0.02 0.00	17.62 0.07 0.00	20.96 0.59 0.00	22.63 0.29 0.00	23.41 0.32 0.00	23.69 0.55 0.00	25.32 0.81 0.00	27.07 1.07 0.00	28.19 1.32 0.00	29.35 1.29 0.00	30.67 1.43 0.00	31.57 1.42 0.00	36.17 1.49 0.00	39.46 1.19 0.00	38.20 1.72 0.00	35.30 1.59 0.00	31.12 1.23 0.00	29.38 1.13 0.00	25.38 0.95 0.00	23.14 0.95 0.00
SITHE___INDEPEND 23800	19.21 -0.41 0.00	17.26 -0.44 0.00	16.34 -0.42 0.00	16.22 -0.42 0.00	16.34 -0.42 0.00	17.13 -0.42 0.00	19.90 -0.47 0.00	21.73 -0.60 0.00	21.12 -0.67 1.30	21.04 -0.65 1.45	20.33 -0.64 3.55	20.30 -0.62 5.08	20.44 -0.64 5.78	20.24 -0.70 7.12	20.20 -0.70 8.33	20.20 -0.72 9.23	20.20 -0.83 13.65	20.20 -0.96 17.11	20.21 -0.80 15.48	20.27 -0.78 12.67	20.58 -0.72 8.60	21.67 -0.68 5.90	21.20 -0.61 2.62	19.91 -0.55 1.72
SITHE___MASSENA 23902	19.30 -0.31 0.00	17.54 -0.16 0.00	16.57 -0.18 0.00	16.48 -0.15 0.00	16.62 -0.13 0.00	17.41 -0.14 0.00	19.96 -0.41 0.00	22.04 -0.29 0.00	22.81 -0.28 0.00	22.82 -0.32 0.00	24.05 -0.47 0.00	25.51 -0.49 0.00	26.39 -0.48 0.00	27.55 -0.50 0.00	28.71 -0.53 0.00	29.61 -0.54 0.00	34.09 -0.59 0.00	37.58 -0.69 0.00	35.90 -0.59 0.00	33.21 -0.50 0.00	29.45 -0.45 0.00	27.79 -0.45 0.00	24.09 -0.34 0.00	21.85 -0.33 0.00
SITHE___OGDNSBRG 24021	19.46 -0.16 0.00	17.69 -0.02 0.00	16.72 -0.03 0.00	16.65 0.02 0.00	16.76 0.00 0.00	17.60 0.05 0.00	20.10 -0.26 0.00	22.22 -0.11 0.00	22.97 -0.12 0.00	22.95 -0.19 0.00	24.20 -0.32 0.00	25.75 -0.26 0.00	26.55 -0.32 0.00	27.78 -0.28 0.00	28.85 -0.38 0.00	29.73 -0.42 0.00	34.33 -0.35 0.00	37.81 -0.46 0.00	36.20 -0.29 0.00	33.55 -0.17 0.00	29.75 -0.15 0.00	28.05 -0.20 0.00	24.41 -0.02 0.00	22.14 -0.04 0.00
SITHE___STERLING 23777	20.13 0.51 0.00	18.08 0.37 0.00	17.11 0.35 0.00	16.98 0.35 0.00	17.09 0.33 0.00	17.95 0.40 0.00	20.82 0.45 0.00	22.81 0.47 0.00	23.59 0.44 -0.06	23.65 0.44 -0.07	25.25 0.56 -0.17	27.00 0.75 -0.24	27.78 0.64 -0.27	29.12 0.73 -0.33	30.38 0.76 -0.39	31.36 0.78 -0.42	36.53 1.14 -0.71	40.55 1.38 -0.90	38.77 1.46 -0.82	35.77 1.38 -0.67	31.49 1.14 -0.45	29.55 0.99 -0.31	25.38 0.81 -0.14	22.96 0.69 -0.09
SLEIGHT__34_KV_TB1 80719	20.15 0.53 0.00	17.99 0.28 0.00	16.99 0.23 0.00	16.90 0.27 0.00	17.07 0.32 0.00	17.93 0.39 0.00	20.86 0.49 0.00	22.89 0.56 0.00	23.85 0.60 -0.16	24.06 0.74 -0.18	25.84 0.88 -0.44	27.68 1.04 -0.63	28.67 1.07 -0.72	30.04 1.09 -0.89	31.56 1.29 -1.04	32.65 1.36 -1.13	37.97 1.63 -1.66	42.06 1.72 -2.06	40.18 1.82 -1.87	36.87 1.62 -1.53	32.31 1.38 -1.04	30.17 1.21 -0.71	25.63 0.88 -0.32	23.15 0.75 -0.21
SOUTH CAIRO___GT 23612	20.74 1.12 0.00	18.71 1.01 0.00	17.74 0.99 0.00	17.63 1.00 0.00	17.76 1.01 0.00	18.60 1.05 0.00	21.77 1.36 -0.04	23.68 1.34 0.00	24.38 1.29 0.00	24.41 1.27 0.00	25.79 1.27 0.00	27.28 1.27 0.00	28.21 1.34 0.00	29.58 1.57 0.05	30.69 1.55 0.09	31.60 1.60 0.15	36.33 1.94 0.29	40.51 2.37 0.13	38.53 2.04 0.00	35.57 1.85 0.00	31.78 1.88 0.00	30.11 1.86 0.00	25.87 1.44 0.00	23.56 1.38 0.00
SOUTH HAMPTN___IC 23720	21.56 1.94 0.00	19.49 1.79 0.00	18.21 1.46 0.00	17.98 1.35 0.00	18.01 1.26 0.00	19.07 1.53 0.00	22.17 1.77 -0.03	24.35 2.01 0.00	25.35 2.26 0.00	25.65 2.50 -0.01	27.32 2.79 -0.01	29.95 2.81 -1.14	31.49 2.96 -1.66	32.11 3.17 -0.89	32.66 3.19 -0.24	33.81 3.26 -0.40	39.30 3.88 -0.73	43.12 4.51 -0.34	40.48 3.98 -0.01	37.34 3.61 -0.01	32.89 2.99 -0.01	32.40 2.94 -1.22	28.40 2.71 -1.26	24.63 2.44 -0.01
SOUTHDOW__115KV_TB1 355954	20.11 0.49 0.00	17.72 0.02 0.00	16.71 -0.05 0.00	16.62 -0.02 0.00	16.91 0.15 0.00	17.86 0.32 0.00	20.94 0.57 -0.01	23.21 0.87 0.00	23.76 0.67 0.00	24.13 1.00 0.00	25.96 1.45 0.00	27.80 1.79 0.00	29.21 2.34 0.00	30.19 2.13 0.00	31.57 2.34 0.00	32.51 2.35 0.00	36.90 2.22 0.00	39.95 1.68 0.00	38.79 2.30 0.00	35.40 1.69 0.00	31.33 1.44 0.00	29.52 1.27 0.00	25.51 1.08 0.00	23.23 1.04 0.00
SOUTHOLD_69_KV_BK 2 55809	21.93 2.32 0.00	19.81 2.11 0.00	18.65 1.89 0.00	18.36 1.73 0.00	18.31 1.56 0.00	19.39 1.84 0.00	22.66 2.26 -0.03	24.88 2.55 0.00	26.00 2.91 0.00	26.17 3.03 0.00	27.88 3.36 0.00	30.58 3.43 -1.14	32.14 3.60 -1.66	32.81 3.87 -0.89	33.35 3.89 -0.23	34.53 3.98 -0.40	40.08 4.68 -0.72	43.96 5.36 -0.33	41.27 4.78 0.00	38.10 4.38 0.00	33.51 3.62 0.00	33.00 3.53 -1.22	28.92 3.23 -1.26	25.07 2.88 0.00
SOUTHOLD___IC 23719	21.93 2.31 0.00	19.81 2.11 0.00	18.53 1.78 0.00	18.28 1.65 0.00	18.31 1.56 0.00	19.39 1.84 0.00	22.56 2.16 -0.03	24.81 2.48 0.00	25.86 2.77 0.00	26.18 3.03 -0.01	27.88 3.36 -0.01	30.58 3.43 -1.14	32.14 3.60 -1.66	32.79 3.84 -0.89	33.36 3.89 -0.24	34.53 3.98 -0.40	40.13 4.72 -0.73	44.04 5.43 -0.34	41.35 4.85 -0.01	38.11 4.38 -0.01	33.52 3.62 -0.01	33.00 3.53 -1.22	28.92 3.22 -1.26	25.08 2.88 -0.01

SPIERFLS_115KV_TB 1 80737	20.84 1.22 0.00	18.73 1.03 0.00	17.73 0.97 0.00	17.60 0.96 0.00	17.73 0.97 0.00	18.56 1.02 0.00	21.73 1.32 -0.04	23.70 1.36 0.00	24.54 1.45 0.00	24.48 1.34 0.00	25.79 1.27 0.00	27.26 1.25 0.00	28.16 1.29 0.00	29.08 1.15 0.13	30.10 1.11 0.24	31.03 1.27 0.39	35.44 1.53 0.76	39.76 1.84 0.35	38.57 2.08 0.00	36.05 2.33 0.00	32.08 2.18 0.00	30.31 2.06 0.00	26.02 1.59 0.00	23.63 1.44 0.00
ST LAWRENCE____ 23600	19.09 -0.53 0.00	17.35 -0.35 0.00	16.42 -0.33 0.00	16.30 -0.33 0.00	16.44 -0.32 0.00	17.21 -0.33 0.00	19.77 -0.59 0.00	21.87 -0.47 0.00	22.63 -0.46 0.00	22.63 -0.51 0.00	23.86 -0.66 0.00	25.31 -0.70 0.00	26.15 -0.72 0.00	27.33 -0.73 0.00	28.47 -0.76 0.00	29.37 -0.78 0.00	33.81 -0.87 0.00	37.27 -1.00 0.00	35.58 -0.91 0.00	32.88 -0.84 0.00	29.18 -0.72 0.00	27.51 -0.73 0.00	23.85 -0.59 0.00	21.61 -0.58 0.00
STATE_CA_115KV_115_LB 55624	20.31 0.69 0.00	18.36 0.66 0.00	17.39 0.64 0.00	17.25 0.62 0.00	17.34 0.59 0.00	18.14 0.60 0.00	21.22 0.81 -0.04	23.14 0.80 0.00	23.90 0.81 0.00	23.90 0.76 0.00	25.35 0.83 0.00	26.81 0.81 0.00	27.70 0.83 0.00	28.84 0.90 0.12	29.92 0.91 0.22	30.76 0.96 0.35	35.07 1.08 0.69	39.22 1.26 0.31	37.58 1.09 0.00	34.76 1.05 0.00	30.88 0.99 0.00	29.23 0.99 0.00	25.21 0.78 0.00	22.98 0.80 0.00
STATE_ST_34_KV_LOAD 55959	20.05 0.43 0.00	17.95 0.25 0.00	16.94 0.18 0.00	16.85 0.22 0.00	17.01 0.25 0.00	17.84 0.30 0.00	20.74 0.37 0.00	22.69 0.36 0.00	23.64 0.32 -0.23	23.84 0.44 -0.26	25.72 0.56 -0.64	27.60 0.68 -0.92	28.59 0.67 -1.04	30.04 0.70 -1.28	31.59 0.85 -1.50	32.68 0.87 -1.65	38.17 1.08 -2.41	42.47 1.19 -3.01	40.45 1.24 -2.72	36.99 1.05 -2.23	32.34 0.93 -1.51	30.07 0.79 -1.04	25.50 0.61 -0.46	23.02 0.53 -0.30
STATION 5_MISC_HYD 23604	19.74 0.12 0.00	17.49 -0.21 0.00	16.56 -0.20 0.00	16.45 -0.18 0.00	16.62 -0.13 0.00	17.46 -0.09 0.00	20.63 0.26 0.00	22.43 0.09 0.00	23.20 0.12 0.00	23.51 0.37 0.00	25.06 0.54 0.00	26.74 0.73 0.00	27.76 0.89 0.00	28.93 0.87 0.00	30.23 0.99 0.00	31.12 0.96 0.00	35.69 1.01 0.00	39.11 0.84 0.00	37.62 1.13 0.00	34.77 1.05 0.00	30.70 0.81 0.00	28.98 0.73 0.00	25.02 0.59 0.00	22.78 0.60 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	19.74 0.12 0.00	17.56 -0.14 0.00	16.60 -0.15 0.00	16.52 -0.12 0.00	16.69 -0.07 0.00	17.53 -0.02 0.00	20.43 0.06 0.00	22.49 0.16 0.00	23.37 0.23 -0.06	23.57 0.37 -0.06	25.19 0.51 -0.16	26.83 0.60 -0.23	27.91 0.78 -0.26	29.10 0.73 -0.32	30.51 0.91 -0.37	31.49 0.93 -0.40	36.33 1.08 -0.57	39.93 0.96 -0.71	38.40 1.28 -0.64	35.29 1.05 -0.52	31.12 0.87 -0.35	29.22 0.73 -0.24	25.08 0.54 -0.11	22.77 0.51 -0.07
STA_56_34_KV_BUS2_REV_LBMP_B 345033	19.58 -0.04 0.00	17.37 -0.34 0.00	16.42 -0.34 0.00	16.33 -0.30 0.00	16.50 -0.25 0.00	17.34 -0.21 0.00	20.21 -0.16 0.00	22.27 -0.07 0.00	23.16 0.07 0.00	23.35 0.21 0.00	24.88 0.37 0.00	26.45 0.44 0.00	27.54 0.67 0.00	28.65 0.59 0.00	30.00 0.76 0.00	30.94 0.78 0.00	35.51 0.83 0.00	38.88 0.61 0.00	37.44 0.95 0.00	34.49 0.78 0.00	30.52 0.63 0.00	28.75 0.51 0.00	24.82 0.39 0.00	22.58 0.40 0.00
STA_56____34_KV_BUS2 355983	19.58 -0.04 0.00	17.37 -0.34 0.00	16.42 -0.34 0.00	16.33 -0.30 0.00	16.50 -0.25 0.00	17.34 -0.21 0.00	20.21 -0.16 0.00	22.27 -0.07 0.00	23.16 0.07 0.00	23.35 0.21 0.00	24.88 0.37 0.00	26.45 0.44 0.00	27.54 0.67 0.00	28.65 0.59 0.00	30.00 0.76 0.00	30.94 0.78 0.00	35.51 0.83 0.00	38.88 0.61 0.00	37.44 0.95 0.00	34.49 0.78 0.00	30.52 0.63 0.00	28.75 0.51 0.00	24.82 0.39 0.00	22.58 0.40 0.00
STA_67____115KV_BK2 355882	19.70 0.08 0.00	17.46 -0.25 0.00	16.50 -0.25 0.00	16.40 -0.23 0.00	16.59 -0.17 0.00	17.42 -0.12 0.00	20.31 -0.06 0.00	22.36 0.02 0.00	23.25 0.16 0.00	23.46 0.32 0.00	25.01 0.49 0.00	26.58 0.57 0.00	27.68 0.81 0.00	28.79 0.73 0.00	30.14 0.91 0.00	31.06 0.90 0.00	35.65 0.97 0.00	39.00 0.73 0.00	37.58 1.09 0.00	34.63 0.91 0.00	30.67 0.78 0.00	28.90 0.65 0.00	24.97 0.54 0.00	22.74 0.55 0.00
STA_7____115KV_9TRANS 80674	19.84 0.22 0.00	17.58 -0.12 0.00	16.62 -0.13 0.00	16.52 -0.12 0.00	16.71 -0.05 0.00	17.55 0.00 0.00	20.45 0.08 0.00	22.54 0.20 0.00	23.44 0.35 0.00	23.65 0.51 0.00	25.20 0.69 0.00	26.79 0.78 0.00	27.92 1.05 0.00	29.04 0.98 0.00	30.43 1.20 0.00	31.36 1.21 0.00	36.00 1.32 0.00	39.38 1.11 0.00	37.99 1.50 0.00	35.00 1.28 0.00	30.97 1.08 0.00	29.18 0.93 0.00	25.19 0.76 0.00	22.92 0.73 0.00
STA_82____115KV_TB1 80780	19.70 0.08 0.00	17.47 -0.23 0.00	16.52 -0.23 0.00	16.42 -0.22 0.00	16.59 -0.17 0.00	17.42 -0.12 0.00	20.31 -0.06 0.00	22.38 0.04 0.00	23.27 0.18 0.00	23.46 0.32 0.00	25.01 0.49 0.00	26.58 0.57 0.00	27.70 0.83 0.00	28.79 0.73 0.00	30.17 0.94 0.00	31.09 0.93 0.00	35.68 1.01 0.00	39.04 0.77 0.00	37.62 1.13 0.00	34.66 0.94 0.00	30.70 0.81 0.00	28.92 0.68 0.00	24.97 0.54 0.00	22.74 0.55 0.00
STEEL____WIND 323596	19.80 0.18 0.00	17.39 -0.32 0.00	16.44 -0.32 0.00	16.35 -0.28 0.00	16.56 -0.20 0.00	17.44 -0.10 0.00	20.76 0.39 -0.01	22.40 0.07 0.00	23.20 0.12 0.00	23.42 0.28 0.00	25.10 0.59 0.00	26.94 0.93 0.00	28.08 1.21 0.00	29.21 1.15 0.00	30.49 1.26 0.00	31.36 1.21 0.00	35.82 1.14 0.00	39.00 0.73 0.00	37.66 1.17 0.00	34.66 0.94 0.00	30.55 0.66 0.00	28.84 0.59 0.00	24.99 0.56 0.00	22.78 0.60 0.00
STEPHTWN_115KV_BK_2 55603	20.38 0.77 0.00	18.43 0.73 0.00	17.46 0.70 0.00	17.30 0.67 0.00	17.41 0.65 0.00	18.21 0.67 0.00	21.32 0.92 -0.04	23.25 0.92 0.00	24.01 0.92 0.00	24.00 0.86 0.00	25.47 0.96 0.00	26.94 0.94 0.00	27.84 0.97 0.00	29.01 1.07 0.11	30.16 1.14 0.21	31.08 1.27 0.35	35.47 1.46 0.67	39.69 1.72 0.30	38.02 1.53 0.00	35.17 1.45 0.00	31.24 1.35 0.00	29.57 1.33 0.00	25.48 1.05 0.00	23.18 1.00 0.00
STEBEN_REC_LFGE 323667	20.23 0.61 0.00	17.90 0.19 0.00	16.89 0.13 0.00	16.81 0.18 0.00	17.06 0.30 0.00	17.97 0.42 0.00	20.94 0.57 -0.01	23.12 0.78 0.00	23.83 0.67 -0.07	24.11 0.88 -0.09	25.91 1.18 -0.21	27.72 1.40 -0.30	28.91 1.69 -0.35	30.11 1.63 -0.43	31.57 1.84 -0.50	32.61 1.93 -0.52	37.57 2.15 -0.74	41.22 2.03 -0.92	39.73 2.41 -0.83	36.32 1.92 -0.68	32.00 1.64 -0.46	30.00 1.44 -0.32	25.72 1.15 -0.14	23.39 1.11 -0.09
STONY____BROOK 24151	21.46 1.84 0.00	19.35 1.65 0.00	18.13 1.37 0.00	17.90 1.26 0.00	17.96 1.21 0.00	18.97 1.42 0.00	22.09 1.69 -0.03	24.17 1.83 0.00	25.14 2.05 0.00	25.42 2.27 -0.01	27.03 2.50 -0.01	29.67 2.52 -1.14	31.22 2.69 -1.66	31.78 2.83 -0.89	32.40 2.92 -0.24	33.54 2.99 -0.40	38.95 3.54 -0.73	42.71 4.10 -0.34	40.08 3.58 -0.01	37.00 3.27 -0.01	32.60 2.69 -0.01	32.18 2.71 -1.22	28.23 2.54 -1.26	24.50 2.31 -0.01

STURGEON_POOL_HYD 23609	20.76 1.14 0.00	18.68 0.97 0.00	17.66 0.90 0.00	17.48 0.85 0.00	17.58 0.82 0.00	18.39 0.84 0.00	21.64 1.24 -0.03	23.61 1.27 0.00	24.45 1.36 0.00	24.48 1.34 0.00	26.04 1.52 0.00	27.54 1.53 0.00	28.48 1.61 0.00	30.02 1.91 -0.05	31.23 1.90 -0.10	32.21 1.90 -0.16	37.23 2.25 -0.30	40.97 2.56 -0.14	38.39 1.90 0.00	35.44 1.72 0.00	31.39 1.49 0.00	29.77 1.53 0.00	25.85 1.42 0.00	23.49 1.31 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	20.64 1.02 0.00	18.59 0.89 0.00	17.58 0.82 0.00	17.43 0.80 0.00	17.53 0.77 0.00	18.35 0.81 0.00	21.54 1.14 -0.03	23.52 1.18 0.00	24.36 1.27 0.00	24.39 1.25 0.00	25.96 1.45 0.00	27.46 1.46 0.00	28.40 1.53 0.00	29.79 1.63 -0.11	31.07 1.64 -0.20	32.14 1.66 -0.32	37.17 1.87 -0.62	40.70 2.14 -0.28	38.28 1.79 0.00	35.37 1.65 0.00	31.33 1.44 0.00	29.66 1.41 0.00	25.73 1.29 0.00	23.41 1.22 0.00
SWANROAD_115KV_TB1 355699	19.36 -0.26 0.00	16.98 -0.73 0.00	16.04 -0.72 0.00	15.93 -0.70 0.00	16.17 -0.59 0.00	17.00 -0.54 0.00	19.70 -0.67 -0.01	21.76 -0.58 0.00	22.56 -0.53 0.00	22.84 -0.30 0.00	24.42 -0.10 0.00	26.01 0.00 0.00	27.22 0.35 0.00	28.23 0.17 0.00	29.56 0.32 0.00	30.40 0.24 0.00	34.78 0.10 0.00	37.81 -0.46 0.00	36.60 0.11 0.00	33.58 -0.13 0.00	29.78 -0.12 0.00	28.08 -0.17 0.00	24.36 -0.07 0.00	22.27 0.09 0.00
SYNERGY___BIOGAS 323694	19.97 0.35 0.00	17.58 -0.12 0.00	16.64 -0.12 0.00	16.55 -0.08 0.00	16.74 -0.02 0.00	17.62 0.07 0.00	20.96 0.59 0.00	22.63 0.29 0.00	23.41 0.32 0.00	23.69 0.55 0.00	25.32 0.81 0.00	27.07 1.07 0.00	28.19 1.32 0.00	29.35 1.29 0.00	30.67 1.43 0.00	31.57 1.42 0.00	36.17 1.49 0.00	39.46 1.19 0.00	38.20 1.72 0.00	35.30 1.59 0.00	31.12 1.23 0.00	29.38 1.13 0.00	25.38 0.95 0.00	23.14 0.95 0.00
SYRACUSE___ENERGY_ST1 323597	19.70 0.08 0.00	17.67 -0.04 0.00	16.71 -0.05 0.00	16.60 -0.03 0.00	16.74 -0.02 0.00	17.55 0.00 0.00	20.39 0.02 0.00	22.29 -0.04 0.00	23.28 -0.07 -0.26	23.43 0.00 -0.29	25.28 0.05 -0.71	27.16 0.13 -1.02	28.16 0.13 -1.16	29.60 0.11 -1.43	31.11 0.20 -1.67	32.20 0.21 -1.84	37.66 0.28 -2.70	41.90 0.27 -3.36	39.90 0.36 -3.04	36.48 0.27 -2.49	31.80 0.21 -1.69	29.57 0.17 -1.16	25.04 0.10 -0.52	22.61 0.09 -0.34
SYRACUSE___ENERGY_ST2 323598	19.70 0.08 0.00	17.67 -0.04 0.00	16.71 -0.05 0.00	16.60 -0.03 0.00	16.74 -0.02 0.00	17.55 0.00 0.00	20.39 0.02 0.00	22.29 -0.04 0.00	23.28 -0.07 -0.26	23.43 0.00 -0.29	25.28 0.05 -0.71	27.16 0.13 -1.02	28.16 0.13 -1.16	29.60 0.11 -1.43	31.11 0.20 -1.67	32.20 0.21 -1.84	37.66 0.28 -2.70	41.90 0.27 -3.36	39.90 0.36 -3.04	36.48 0.27 -2.49	31.80 0.21 -1.69	29.57 0.17 -1.16	25.04 0.10 -0.52	22.61 0.09 -0.34
SYRACUSE___POWER 24017	19.66 0.04 0.00	17.63 -0.07 0.00	16.67 -0.08 0.00	16.57 -0.07 0.00	16.69 -0.07 0.00	17.51 -0.04 0.00	20.37 0.00 0.00	22.27 -0.07 0.00	23.17 -0.09 -0.17	23.31 -0.02 -0.19	25.03 0.05 -0.47	26.81 0.13 -0.67	27.74 0.11 -0.76	29.05 0.06 -0.94	30.45 0.12 -1.10	31.48 0.12 -1.21	36.61 0.17 -1.75	40.60 0.15 -2.18	38.72 0.26 -1.97	35.50 0.17 -1.61	31.11 0.12 -1.10	29.11 0.11 -0.75	24.81 0.05 -0.33	22.45 0.04 -0.22
TALLMAN__138KV_BK151 55660	20.76 1.14 0.00	18.71 1.01 0.00	17.68 0.92 0.00	17.51 0.88 0.00	17.59 0.84 0.00	18.44 0.89 0.00	21.68 1.28 -0.03	23.68 1.34 0.00	24.54 1.45 0.00	24.60 1.46 0.00	26.18 1.67 0.00	27.70 1.69 0.00	28.65 1.77 0.00	30.08 1.91 -0.11	31.38 1.93 -0.21	32.43 1.93 -0.34	37.52 2.18 -0.66	41.06 2.49 -0.30	38.57 2.08 0.00	35.61 1.89 0.00	31.54 1.64 0.00	29.83 1.58 0.00	25.92 1.49 0.00	23.56 1.38 0.00
TEALLAVE_115KV_TB7 355573	19.60 -0.02 0.00	17.58 -0.12 0.00	16.62 -0.13 0.00	16.52 -0.12 0.00	16.65 -0.10 0.00	17.46 -0.09 0.00	20.31 -0.06 0.00	22.20 -0.13 0.00	23.06 -0.16 -0.13	23.20 -0.09 -0.15	24.87 -0.02 -0.37	26.60 0.05 -0.54	27.51 0.03 -0.61	28.75 -0.06 -0.75	30.11 0.00 -0.88	31.12 0.00 -0.96	36.13 0.03 -1.42	40.03 0.00 -1.76	38.16 0.07 -1.59	35.06 0.03 -1.30	30.75 -0.03 -0.89	28.85 0.00 -0.61	24.65 -0.05 -0.27	22.32 -0.04 -0.18
TELGRAPH_34_KV_EAST 80808	19.76 0.14 0.00	17.35 -0.35 0.00	16.39 -0.37 0.00	16.30 -0.33 0.00	16.52 -0.23 0.00	17.39 -0.16 0.00	20.19 -0.18 0.00	22.31 -0.02 0.00	23.13 0.05 0.00	23.39 0.25 0.00	25.03 0.51 0.00	26.63 0.62 0.00	27.89 1.02 0.00	28.90 0.84 0.00	30.29 1.05 0.00	31.18 1.03 0.00	35.75 1.08 0.00	38.88 0.61 0.00	37.66 1.17 0.00	34.60 0.88 0.00	30.64 0.75 0.00	28.87 0.62 0.00	24.99 0.56 0.00	22.81 0.62 0.00
TEMPLE___115KV_TB 2 55572	19.62 0.00 0.00	17.60 -0.11 0.00	16.64 -0.12 0.00	16.53 -0.10 0.00	16.65 -0.10 0.00	17.48 -0.07 0.00	20.31 -0.06 0.00	22.22 -0.11 0.00	23.08 -0.14 -0.13	23.22 -0.07 -0.15	24.89 0.00 -0.37	26.62 0.08 -0.54	27.54 0.05 -0.61	28.81 0.00 -0.75	30.14 0.03 -0.88	31.15 0.03 -0.96	36.17 0.07 -1.42	40.03 0.00 -1.76	38.19 0.11 -1.59	35.06 0.03 -1.31	30.78 0.00 -0.89	28.85 0.00 -0.61	24.68 -0.02 -0.27	22.34 -0.02 -0.18
TIANA___69_KV_BK 1 55817	21.44 1.82 0.00	19.39 1.68 0.00	18.25 1.49 0.00	17.96 1.33 0.00	17.93 1.17 0.00	18.97 1.42 0.00	22.15 1.75 -0.03	24.26 1.92 0.00	25.33 2.24 0.00	25.50 2.36 0.00	27.14 2.62 0.00	29.77 2.63 -1.14	31.30 2.77 -1.66	31.94 3.00 -0.89	32.48 3.01 -0.23	33.63 3.08 -0.40	39.04 3.64 -0.72	42.81 4.21 -0.33	40.18 3.69 0.00	37.12 3.41 0.00	32.71 2.81 0.00	32.26 2.80 -1.22	28.26 2.57 -1.26	24.49 2.31 0.00
TILDEN___115KV_TB1 80814	19.66 0.04 0.00	17.63 -0.07 0.00	16.67 -0.08 0.00	16.57 -0.07 0.00	16.69 -0.07 0.00	17.51 -0.04 0.00	20.37 0.00 0.00	22.27 -0.07 0.00	23.17 -0.09 -0.17	23.31 -0.02 -0.19	25.03 0.05 -0.47	26.81 0.13 -0.67	27.74 0.11 -0.76	29.05 0.06 -0.94	30.45 0.12 -1.10	31.48 0.12 -1.21	36.61 0.17 -1.75	40.60 0.15 -2.18	38.72 0.26 -1.97	35.50 0.17 -1.61	31.11 0.12 -1.10	29.11 0.11 -0.75	24.81 0.05 -0.33	22.45 0.04 -0.22
TRIGEN___CC 323695	21.23 1.61 0.00	19.10 1.40 0.00	18.03 1.27 0.00	17.80 1.16 0.00	17.84 1.09 0.00	18.79 1.25 0.00	22.03 1.63 -0.03	24.12 1.79 0.00	25.12 2.03 0.00	25.22 2.08 0.00	26.77 2.26 0.00	29.35 2.21 -1.14	30.85 2.31 -1.66	31.38 2.44 -0.89	32.04 2.57 -0.23	33.11 2.56 -0.40	38.42 3.02 -0.72	41.97 3.37 -0.33	39.41 2.92 0.00	36.35 2.63 0.00	32.17 2.27 0.00	31.58 2.12 -1.22	27.72 2.03 -1.26	24.09 1.91 0.00
TRINITY__115KV__ 4 BK 55933	20.25 0.63 0.00	18.31 0.60 0.00	17.34 0.59 0.00	17.18 0.55 0.00	17.29 0.54 0.00	18.09 0.54 0.00	21.16 0.75 -0.04	23.05 0.71 0.00	23.80 0.72 0.00	23.81 0.67 0.00	25.25 0.74 0.00	26.71 0.70 0.00	27.60 0.73 0.00	28.73 0.79 0.11	29.78 0.76 0.21	30.62 0.81 0.35	34.91 0.90 0.67	39.04 1.07 0.31	37.36 0.88 0.00	34.60 0.88 0.00	30.76 0.87 0.00	29.12 0.88 0.00	25.12 0.68 0.00	22.90 0.71 0.00

UNION___PROCESSING_DRP 323587	19.72 0.10 0.00	17.47 -0.23 0.00	16.52 -0.23 0.00	16.42 -0.22 0.00	16.60 -0.15 0.00	17.44 -0.11 0.00	20.31 -0.06 0.00	22.38 0.04 0.00	23.27 0.18 0.00	23.49 0.35 0.00	25.03 0.51 0.00	26.61 0.60 0.00	27.70 0.83 0.00	28.81 0.76 0.00	30.17 0.94 0.00	31.09 0.93 0.00	35.68 1.01 0.00	39.04 0.77 0.00	37.66 1.17 0.00	34.66 0.94 0.00	30.70 0.81 0.00	28.92 0.68 0.00	24.99 0.56 0.00	22.76 0.58 0.00
UPPER HUDSON___HYD 24058	20.84 1.22 0.00	18.73 1.03 0.00	17.73 0.97 0.00	17.60 0.96 0.00	17.73 0.97 0.00	18.56 1.02 0.00	21.69 1.28 -0.04	23.68 1.34 0.00	24.40 1.32 0.00	24.48 1.34 0.00	25.79 1.27 0.00	27.23 1.22 0.00	28.16 1.29 0.00	29.05 1.12 0.13	30.10 1.11 0.24	31.03 1.27 0.39	35.44 1.52 0.76	39.80 1.87 0.35	38.60 2.12 0.00	36.01 2.29 0.00	32.08 2.18 0.00	30.31 2.06 0.00	26.02 1.59 0.00	23.63 1.44 0.00
UPPER RAQUET___HYD 24056	19.27 -0.35 0.00	17.51 -0.19 0.00	16.56 -0.20 0.00	16.47 -0.17 0.00	16.59 -0.17 0.00	17.41 -0.14 0.00	19.84 -0.53 0.00	21.82 -0.51 0.00	22.58 -0.51 0.00	22.56 -0.58 0.00	23.81 -0.71 0.00	25.31 -0.70 0.00	26.12 -0.75 0.00	27.30 -0.76 0.00	28.39 -0.85 0.00	29.28 -0.88 0.00	33.71 -0.97 0.00	37.04 -1.23 0.00	35.51 -0.98 0.00	32.88 -0.84 0.00	29.15 -0.75 0.00	27.51 -0.73 0.00	24.04 -0.39 0.00	21.87 -0.31 0.00
VALLEY44_115KV_TB2 355964	19.68 0.06 0.00	17.37 -0.34 0.00	16.37 -0.39 0.00	16.27 -0.37 0.00	16.52 -0.23 0.00	17.39 -0.16 0.00	20.39 0.02 -0.01	22.45 0.11 0.00	22.70 -0.39 0.00	22.95 -0.19 0.00	24.69 0.17 0.00	26.35 0.34 0.00	27.60 0.73 0.00	28.56 0.51 0.00	30.00 0.76 0.00	30.88 0.72 0.00	35.13 0.45 0.00	38.27 0.00 0.00	36.93 0.44 0.00	33.79 0.07 0.00	29.93 0.03 0.00	28.13 -0.11 0.00	24.41 -0.02 0.00	22.30 0.11 0.00
VALLEY___115KV_TB 1-4 80826	19.38 -0.24 0.00	17.49 -0.21 0.00	16.57 -0.18 0.00	16.45 -0.18 0.00	16.57 -0.18 0.00	17.35 -0.19 0.00	20.18 -0.18 0.00	22.13 -0.20 0.00	22.93 -0.16 0.00	23.00 -0.14 0.00	24.39 -0.12 0.00	25.93 -0.08 0.00	26.76 -0.11 0.00	28.00 -0.06 0.00	29.12 -0.12 0.00	30.06 -0.09 0.00	34.54 -0.14 0.00	38.16 -0.11 0.00	36.38 -0.11 0.00	33.58 -0.13 0.00	29.72 -0.18 0.00	28.08 -0.17 0.00	24.24 -0.20 0.00	22.01 -0.18 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	20.54 0.92 0.00	18.45 0.74 0.00	17.49 0.74 0.00	17.35 0.72 0.00	17.44 0.69 0.00	18.28 0.74 0.00	21.32 0.94 -0.01	23.34 1.01 0.00	24.18 1.04 -0.05	24.71 1.43 -0.13	26.63 1.79 -0.32	28.63 2.16 -0.46	29.44 2.04 -0.53	30.87 2.16 -0.65	32.27 2.28 -0.76	32.05 1.51 -0.39	36.91 1.70 -0.54	40.85 1.91 -0.67	38.95 1.86 -0.60	35.97 1.75 -0.49	31.76 1.52 -0.33	29.92 1.44 -0.23	25.80 1.27 -0.10	23.41 1.15 -0.07
VISCHER___FERRY HYD 24020	20.56 0.94 0.00	18.54 0.83 0.00	17.56 0.80 0.00	17.40 0.77 0.00	17.53 0.77 0.00	18.34 0.79 0.00	21.44 1.04 -0.04	23.34 1.01 0.00	24.10 1.01 0.00	24.20 1.07 0.00	25.65 1.13 0.00	27.10 1.09 0.00	28.00 1.13 0.00	29.00 1.12 0.18	30.05 1.14 0.33	30.86 1.24 0.53	35.04 1.39 1.03	39.41 1.61 0.47	38.02 1.53 0.00	35.13 1.42 0.00	31.30 1.41 0.00	29.60 1.36 0.00	25.51 1.07 0.00	23.25 1.06 0.00
V_A_10_SYNC_DSASP 323832	19.46 -0.16 0.00	17.14 -0.57 0.00	16.20 -0.55 0.00	16.10 -0.53 0.00	16.32 -0.44 0.00	17.14 -0.40 0.00	19.98 -0.39 0.00	22.05 -0.29 0.00	22.95 -0.14 0.00	23.21 0.07 0.00	24.76 0.25 0.00	26.35 0.34 0.00	27.52 0.64 0.00	28.53 0.48 0.00	29.88 0.64 0.00	30.76 0.60 0.00	35.20 0.52 0.00	38.39 0.11 0.00	37.07 0.58 0.00	34.09 0.37 0.00	30.23 0.33 0.00	28.47 0.23 0.00	24.68 0.24 0.00	22.54 0.35 0.00
V_CMM_10_SYNC_DSASP 323787	19.17 -0.45 0.00	17.42 -0.28 0.00	16.47 -0.28 0.00	16.37 -0.27 0.00	16.50 -0.25 0.00	17.28 -0.26 0.00	19.86 -0.51 0.00	21.93 -0.40 0.00	22.72 -0.37 0.00	22.72 -0.42 0.00	23.95 -0.56 0.00	25.38 -0.62 0.00	26.25 -0.62 0.00	27.44 -0.62 0.00	28.59 -0.64 0.00	29.49 -0.66 0.00	33.95 -0.73 0.00	37.43 -0.84 0.00	35.72 -0.77 0.00	33.01 -0.71 0.00	29.30 -0.60 0.00	27.62 -0.62 0.00	23.94 -0.49 0.00	21.70 -0.49 0.00
V_CMP_10_SYNC_DSASP 323788	19.91 0.29 0.00	18.11 0.41 0.00	17.12 0.37 0.00	17.03 0.40 0.00	17.21 0.45 0.00	18.02 0.47 0.00	20.69 0.32 0.00	22.94 0.60 0.00	23.78 0.69 0.00	23.74 0.60 0.00	25.01 0.49 0.00	26.53 0.52 0.00	27.52 0.64 0.00	28.70 0.65 0.00	29.94 0.70 0.00	30.88 0.72 0.00	35.62 0.94 0.00	39.26 0.99 0.00	37.58 1.09 0.00	34.73 1.01 0.00	30.79 0.90 0.00	28.95 0.71 0.00	24.99 0.56 0.00	22.65 0.47 0.00
V_E_10_SYNC_DSASP 323830	21.17 1.55 0.00	18.89 1.19 0.00	17.86 1.11 0.00	17.75 1.11 0.00	17.84 1.09 0.00	18.79 1.25 0.00	21.88 1.51 -0.01	23.99 1.65 0.00	24.78 1.59 -0.10	24.91 1.62 -0.15	26.91 2.03 -0.36	28.95 2.42 -0.52	29.61 2.15 -0.59	31.17 2.38 -0.73	32.51 2.43 -0.85	33.32 2.38 -0.79	38.67 2.95 -1.05	43.06 3.48 -1.30	41.39 3.72 -1.18	38.33 3.64 -0.96	33.66 3.11 -0.65	31.46 2.77 -0.45	26.90 2.27 -0.20	24.29 1.97 -0.13
V_F_30_NSYNC___DSASP 323816	20.86 1.24 0.00	18.78 1.08 0.00	17.78 1.02 0.00	17.65 1.01 0.00	17.76 1.01 0.00	18.60 1.05 0.00	21.71 1.30 -0.04	23.68 1.34 0.00	24.43 1.34 0.00	24.53 1.39 0.00	25.96 1.45 0.00	27.44 1.43 0.00	28.35 1.48 0.00	29.41 1.49 0.14	30.50 1.52 0.26	31.40 1.66 0.42	35.78 1.91 0.80	40.12 2.22 0.37	38.72 2.23 0.00	35.88 2.16 0.00	31.96 2.06 0.00	30.19 1.95 0.00	26.00 1.57 0.00	23.65 1.46 0.00
V_F_30_SYNC_DSASP 323786	20.31 0.69 0.00	18.36 0.66 0.00	17.39 0.64 0.00	17.23 0.60 0.00	17.34 0.59 0.00	18.14 0.60 0.00	21.22 0.81 -0.04	23.14 0.80 0.00	23.90 0.81 0.00	23.88 0.74 0.00	25.35 0.83 0.00	26.81 0.81 0.00	27.70 0.83 0.00	28.84 0.90 0.12	29.92 0.91 0.22	30.77 0.96 0.35	35.07 1.08 0.69	39.22 1.26 0.31	37.58 1.09 0.00	34.76 1.05 0.00	30.88 0.99 0.00	29.23 0.99 0.00	25.21 0.78 0.00	22.98 0.80 0.00
V_XM_10_SYNC_DSASP 323789	19.91 0.29 0.00	18.11 0.41 0.00	17.12 0.37 0.00	17.03 0.40 0.00	17.21 0.45 0.00	18.02 0.47 0.00	20.69 0.32 0.00	22.94 0.60 0.00	23.78 0.69 0.00	23.74 0.60 0.00	25.01 0.49 0.00	26.53 0.52 0.00	27.52 0.64 0.00	28.70 0.65 0.00	29.94 0.70 0.00	30.88 0.72 0.00	35.62 0.94 0.00	39.26 0.99 0.00	37.58 1.09 0.00	34.73 1.01 0.00	30.79 0.90 0.00	28.95 0.71 0.00	24.99 0.56 0.00	22.65 0.47 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	20.84 1.22 0.00	18.77 1.06 0.00	17.73 0.97 0.00	17.56 0.93 0.00	17.66 0.90 0.00	18.49 0.95 0.00	21.74 1.34 -0.03	23.77 1.43 0.00	24.64 1.55 0.00	24.67 1.53 0.00	26.28 1.77 0.00	27.78 1.77 0.00	28.75 1.88 0.00	30.16 1.99 -0.12	31.47 2.02 -0.21	32.52 2.02 -0.35	37.67 2.32 -0.67	41.21 2.64 -0.30	38.68 2.19 0.00	35.71 1.99 0.00	31.63 1.73 0.00	29.94 1.69 0.00	26.00 1.56 0.00	23.63 1.44 0.00

W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	21.01 1.39 0.00	18.91 1.20 0.00	17.88 1.12 0.00	17.70 1.06 0.00	17.78 1.02 0.00	18.65 1.11 0.00	21.90 1.51 -0.03	23.97 1.63 0.00	24.87 1.78 0.00	24.92 1.78 0.00	26.53 2.01 0.00	28.04 2.03 0.00	28.99 2.12 0.00	30.48 2.30 -0.12	31.72 2.25 -0.23	32.79 2.26 -0.38	38.00 2.60 -0.72	41.47 2.87 -0.33	38.90 2.41 0.00	35.91 2.19 0.00	31.78 1.88 0.00	30.08 1.84 0.00	26.17 1.73 0.00	23.74 1.55 0.00
W50THST__13_KV_LOAD 356117	21.09 1.47 0.00	18.98 1.27 0.00	17.95 1.19 0.00	17.76 1.13 0.00	17.84 1.09 0.00	18.72 1.18 0.00	22.01 1.61 -0.03	24.10 1.76 0.00	25.01 1.92 0.00	25.06 1.92 0.00	26.67 2.16 0.00	28.19 2.18 0.00	29.16 2.28 0.00	30.65 2.47 -0.12	31.92 2.46 -0.23	32.97 2.44 -0.38	38.21 2.81 -0.72	41.74 3.14 -0.33	39.12 2.63 0.00	36.08 2.36 0.00	31.90 2.00 0.00	30.22 1.98 0.00	26.29 1.86 0.00	23.83 1.64 0.00
WADING RIVER_IC_1 23522	21.11 1.49 0.00	19.12 1.42 0.00	17.86 1.11 0.00	17.63 1.00 0.00	17.66 0.90 0.00	18.69 1.14 0.00	21.72 1.32 -0.03	23.81 1.47 0.00	24.77 1.68 0.00	25.07 1.92 -0.01	26.68 2.16 -0.01	29.25 2.11 -1.14	30.76 2.23 -1.66	31.36 2.41 -0.89	31.90 2.43 -0.24	33.03 2.47 -0.40	38.40 2.98 -0.73	42.13 3.52 -0.34	39.53 3.03 -0.01	36.52 2.80 -0.01	32.24 2.33 -0.01	31.78 2.32 -1.22	27.82 2.12 -1.26	24.12 1.93 -0.01
WADING RIVER_IC_2 23547	21.11 1.49 0.00	19.12 1.42 0.00	17.86 1.11 0.00	17.63 1.00 0.00	17.66 0.90 0.00	18.69 1.14 0.00	21.72 1.32 -0.03	23.81 1.47 0.00	24.77 1.68 0.00	25.07 1.92 -0.01	26.68 2.16 -0.01	29.25 2.11 -1.14	30.76 2.23 -1.66	31.36 2.41 -0.89	31.90 2.43 -0.24	33.03 2.47 -0.40	38.40 2.98 -0.73	42.13 3.52 -0.34	39.53 3.03 -0.01	36.52 2.80 -0.01	32.24 2.33 -0.01	31.78 2.32 -1.22	27.82 2.12 -1.26	24.12 1.93 -0.01
WADING RIVER_IC_3 23601	21.11 1.49 0.00	19.12 1.42 0.00	17.86 1.11 0.00	17.63 1.00 0.00	17.66 0.90 0.00	18.69 1.14 0.00	21.72 1.32 -0.03	23.81 1.47 0.00	24.77 1.68 0.00	25.07 1.92 -0.01	26.68 2.16 -0.01	29.25 2.11 -1.14	30.76 2.23 -1.66	31.36 2.41 -0.89	31.90 2.43 -0.24	33.03 2.47 -0.40	38.40 2.98 -0.73	42.13 3.52 -0.34	39.53 3.03 -0.01	36.52 2.80 -0.01	32.24 2.33 -0.01	31.78 2.32 -1.22	27.82 2.12 -1.26	24.12 1.93 -0.01
WALDENNY_12_KV_BK2 80841	19.80 0.18 0.00	17.39 -0.32 0.00	16.42 -0.34 0.00	16.32 -0.32 0.00	16.55 -0.20 0.00	17.44 -0.11 0.00	20.29 -0.08 -0.01	22.45 0.11 0.00	23.13 0.05 0.00	23.46 0.32 0.00	25.15 0.64 0.00	26.84 0.83 0.00	28.13 1.26 0.00	29.15 1.09 0.00	30.55 1.32 0.00	31.45 1.30 0.00	36.00 1.32 0.00	39.04 0.77 0.00	37.80 1.31 0.00	34.60 0.88 0.00	30.64 0.75 0.00	28.87 0.62 0.00	25.02 0.59 0.00	22.81 0.62 0.00
WALDEN__HYDRO 24148	20.84 1.22 0.00	18.75 1.04 0.00	17.73 0.97 0.00	17.56 0.93 0.00	17.66 0.90 0.00	18.49 0.95 0.00	21.64 1.24 -0.03	23.63 1.29 0.00	24.43 1.34 0.00	24.57 1.44 0.00	26.13 1.62 0.00	27.62 1.61 0.00	28.57 1.69 0.00	29.98 1.82 -0.10	31.26 1.84 -0.18	32.31 1.87 -0.29	37.46 2.22 -0.56	41.16 2.64 -0.25	38.72 2.23 0.00	35.71 1.99 0.00	31.72 1.82 0.00	30.00 1.75 0.00	26.00 1.57 0.00	23.65 1.46 0.00
WARRENSBURG____ 23737	20.84 1.22 0.00	18.73 1.03 0.00	17.73 0.97 0.00	17.60 0.96 0.00	17.73 0.97 0.00	18.56 1.02 0.00	21.69 1.28 -0.04	23.68 1.34 0.00	24.40 1.32 0.00	24.48 1.34 0.00	25.79 1.27 0.00	27.23 1.22 0.00	28.16 1.29 0.00	29.05 1.12 0.13	30.10 1.11 0.24	31.03 1.27 0.39	35.44 1.52 0.76	39.80 1.87 0.35	38.60 2.12 0.00	36.01 2.29 0.00	32.08 2.18 0.00	30.31 2.06 0.00	26.02 1.59 0.00	23.63 1.44 0.00
WATERSIDE____6 8 9 23538	21.08 1.45 -0.01	18.98 1.27 0.00	17.93 1.17 0.00	17.76 1.13 0.00	17.83 1.07 0.00	18.65 1.11 0.00	21.88 1.49 -0.03	23.94 1.61 0.00	24.87 1.78 0.00	24.90 1.76 0.00	26.53 2.01 0.00	28.06 2.05 0.00	29.02 2.15 0.00	30.54 2.36 -0.12	31.75 2.28 -0.23	32.82 2.29 -0.38	38.07 2.67 -0.72	41.58 2.99 -0.33	38.97 2.48 0.00	35.94 2.23 0.00	31.75 1.85 0.00	30.17 1.92 0.00	26.29 1.86 0.00	23.78 1.60 0.00
WATKINRD_115KV_LN8_ILLION 55919	19.54 -0.08 0.00	17.62 -0.09 0.00	16.69 -0.07 0.00	16.57 -0.07 0.00	16.67 -0.08 0.00	17.48 -0.07 0.00	20.31 -0.06 0.00	22.25 -0.09 0.00	23.02 -0.07 0.00	23.07 -0.07 0.00	24.47 -0.05 0.00	25.98 -0.03 0.00	26.84 -0.03 0.00	28.06 0.00 0.00	29.18 -0.06 0.00	30.12 -0.03 0.00	34.64 -0.03 0.00	38.27 0.00 0.00	36.49 0.00 0.00	33.72 0.00 0.00	29.87 -0.03 0.00	28.22 -0.03 0.00	24.38 -0.05 0.00	22.14 -0.04 0.00
WATSON____69_KV_BK 1 55734	21.62 2.00 0.00	19.47 1.77 0.00	18.35 1.59 0.00	18.08 1.45 0.00	18.08 1.32 0.00	19.11 1.56 0.00	22.37 1.98 -0.03	24.50 2.17 0.00	25.54 2.45 0.00	25.69 2.55 0.00	27.31 2.79 0.00	29.98 2.83 -1.14	31.54 3.01 -1.66	32.14 3.20 -0.89	32.71 3.25 -0.23	33.84 3.29 -0.40	39.29 3.88 -0.72	43.04 4.44 -0.33	40.43 3.94 0.00	37.29 3.57 0.00	32.92 3.02 0.00	32.43 2.97 -1.22	28.45 2.76 -1.26	24.69 2.51 0.00
WDELAWARE__HYD 323627	20.48 0.86 0.00	18.41 0.71 0.00	17.43 0.67 0.00	17.26 0.63 0.00	17.36 0.60 0.00	18.18 0.63 0.00	21.25 0.86 -0.03	23.23 0.89 0.00	23.97 0.88 0.00	24.09 0.95 0.00	25.59 1.08 0.00	27.13 1.12 0.00	28.03 1.15 0.00	29.33 1.21 -0.07	30.59 1.23 -0.13	31.60 1.24 -0.20	36.70 1.63 -0.39	40.48 2.03 -0.18	38.13 1.64 0.00	35.17 1.45 0.00	31.18 1.28 0.00	29.49 1.24 0.00	25.58 1.15 0.00	23.23 1.04 0.00
WEST BABYLON__IC 23714	21.58 1.96 0.00	19.44 1.73 0.00	18.31 1.56 0.00	18.05 1.41 0.00	18.06 1.31 0.00	19.07 1.53 0.00	22.33 1.93 -0.03	24.48 2.14 0.00	25.51 2.42 0.00	25.66 2.52 0.00	27.26 2.75 0.00	29.93 2.78 -1.14	31.46 2.93 -1.66	32.06 3.11 -0.89	32.62 3.16 -0.23	33.75 3.20 -0.40	39.15 3.75 -0.72	42.89 4.29 -0.33	40.29 3.79 0.00	37.16 3.44 0.00	32.83 2.93 0.00	32.29 2.82 -1.22	28.33 2.64 -1.26	24.63 2.44 0.00
WEST CANADA__HYD 24049	19.70 0.08 0.00	17.76 0.05 0.00	16.81 0.05 0.00	16.67 0.03 0.00	16.79 0.03 0.00	17.58 0.04 0.00	20.45 0.08 0.00	22.40 0.07 0.00	23.14 0.05 0.00	23.19 0.05 0.00	24.62 0.10 0.00	26.11 0.10 0.00	26.95 0.08 0.00	28.17 0.11 0.00	29.35 0.12 0.00	30.24 0.09 0.00	34.78 0.10 0.00	38.42 0.15 0.00	36.64 0.15 0.00	33.85 0.14 0.00	30.02 0.12 0.00	28.36 0.11 0.00	24.53 0.10 0.00	22.27 0.09 0.00
WESTERN_NY_WIND 24143	19.95 0.33 0.00	17.56 -0.14 0.00	16.62 -0.13 0.00	16.53 -0.10 0.00	16.72 -0.03 0.00	17.60 0.05 0.00	20.94 0.57 0.00	22.58 0.25 0.00	23.39 0.30 0.00	23.67 0.53 0.00	25.30 0.78 0.00	27.05 1.04 0.00	28.16 1.29 0.00	29.32 1.26 0.00	30.64 1.40 0.00	31.54 1.39 0.00	36.14 1.46 0.00	39.42 1.15 0.00	38.17 1.68 0.00	35.27 1.55 0.00	31.09 1.20 0.00	29.35 1.10 0.00	25.36 0.93 0.00	23.12 0.93 0.00



WESTOVER___LESR 323668	20.01 0.39 0.00	17.90 0.19 0.00	16.91 0.15 0.00	16.80 0.17 0.00	16.96 0.20 0.00	17.77 0.23 0.00	20.74 0.37 -0.01	22.74 0.40 0.00	23.56 0.37 -0.10	23.73 0.46 -0.12	25.48 0.66 -0.30	27.22 0.78 -0.43	28.22 0.86 -0.49	29.50 0.84 -0.60	30.87 0.94 -0.70	31.79 0.90 -0.73	36.65 0.94 -1.04	40.52 0.96 -1.29	38.68 1.02 -1.17	35.52 0.84 -0.96	31.26 0.72 -0.65	29.34 0.65 -0.45	25.19 0.56 -0.20	22.87 0.55 -0.13
WETHRSFD_WT_PWR 323626	19.74 0.12 0.00	17.42 -0.28 0.00	16.47 -0.28 0.00	16.38 -0.25 0.00	16.60 -0.15 0.00	17.48 -0.07 0.00	20.74 0.37 -0.01	22.47 0.13 0.00	23.25 0.16 0.00	23.46 0.32 0.00	25.13 0.61 0.00	26.92 0.91 0.00	27.97 1.10 0.00	29.12 1.07 0.00	30.37 1.14 0.00	31.24 1.08 0.00	35.72 1.04 0.00	39.00 0.73 0.00	37.58 1.09 0.00	34.59 0.88 0.00	30.53 0.63 0.00	28.84 0.59 0.00	24.95 0.51 0.00	22.76 0.58 0.00
WHAVSTOR_138KV_BK127 55557	20.76 1.14 0.00	18.70 0.99 0.00	17.68 0.92 0.00	17.50 0.86 0.00	17.59 0.84 0.00	18.42 0.88 0.00	21.66 1.26 -0.03	23.68 1.34 0.00	24.54 1.45 0.00	24.57 1.43 0.00	26.16 1.64 0.00	27.67 1.66 0.00	28.62 1.75 0.00	30.05 1.88 -0.12	31.35 1.90 -0.21	32.40 1.90 -0.35	37.50 2.15 -0.67	41.02 2.45 -0.30	38.53 2.04 0.00	35.57 1.85 0.00	31.51 1.61 0.00	29.80 1.55 0.00	25.90 1.47 0.00	23.54 1.35 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	20.76 1.14 0.00	18.70 0.99 0.00	17.68 0.92 0.00	17.50 0.86 0.00	17.59 0.84 0.00	18.42 0.88 0.00	21.66 1.26 -0.03	23.68 1.34 0.00	24.54 1.45 0.00	24.57 1.43 0.00	26.16 1.64 0.00	27.67 1.66 0.00	28.62 1.75 0.00	30.05 1.88 -0.12	31.35 1.90 -0.21	32.40 1.90 -0.35	37.50 2.15 -0.67	41.02 2.45 -0.30	38.53 2.04 0.00	35.57 1.85 0.00	31.51 1.61 0.00	29.80 1.55 0.00	25.90 1.47 0.00	23.54 1.35 0.00
WHITEHAL_115KV_TB1 80871	21.44 1.82 0.00	19.23 1.52 0.00	18.20 1.44 0.00	18.08 1.45 0.00	18.21 1.46 0.00	19.09 1.54 0.00	22.34 1.93 -0.04	24.39 2.05 0.00	25.26 2.17 0.00	25.15 2.01 0.00	26.55 2.03 0.00	28.06 2.05 0.00	28.97 2.10 0.00	29.97 2.05 0.13	31.03 2.05 0.25	31.98 2.23 0.40	36.61 2.70 0.78	41.17 3.25 0.35	39.92 3.43 0.00	37.26 3.54 0.00	33.25 3.35 0.00	31.41 3.16 0.00	26.88 2.44 0.00	24.36 2.17 0.00
WHITEPLN_13_KV_LOAD 356215	20.99 1.37 0.00	18.91 1.20 0.00	17.86 1.11 0.00	17.70 1.06 0.00	17.78 1.02 0.00	18.62 1.07 0.00	21.90 1.51 -0.03	23.92 1.59 0.00	24.84 1.75 0.00	24.85 1.71 0.00	26.48 1.96 0.00	27.98 1.98 0.00	28.94 2.07 0.00	30.40 2.22 -0.12	31.72 2.25 -0.23	32.79 2.26 -0.38	38.00 2.60 -0.72	41.51 2.91 -0.33	38.97 2.48 0.00	35.98 2.26 0.00	31.87 1.97 0.00	30.14 1.89 0.00	26.17 1.73 0.00	23.76 1.58 0.00
WM_FLOYD_69_KV_BK2 356380	21.31 1.69 0.00	19.24 1.54 0.00	18.13 1.37 0.00	17.86 1.23 0.00	17.83 1.07 0.00	18.84 1.30 0.00	22.03 1.63 -0.03	24.10 1.76 0.00	25.12 2.03 0.00	25.27 2.13 0.00	26.90 2.38 0.00	29.48 2.34 -1.14	31.01 2.47 -1.66	31.64 2.69 -0.89	32.16 2.69 -0.23	33.27 2.71 -0.40	38.66 3.26 -0.72	42.35 3.75 -0.33	39.77 3.28 0.00	36.79 3.07 0.00	32.41 2.51 0.00	31.98 2.51 -1.22	28.06 2.37 -1.26	24.34 2.15 0.00
WOODARD__115KV_TB2 355635	19.56 -0.06 0.00	17.54 -0.16 0.00	16.60 -0.15 0.00	16.48 -0.15 0.00	16.62 -0.13 0.00	17.42 -0.12 0.00	20.25 -0.12 0.00	22.16 -0.18 0.00	23.05 -0.21 -0.17	23.17 -0.16 -0.19	24.89 -0.10 -0.47	26.66 -0.03 -0.68	27.59 -0.05 -0.77	28.89 -0.11 -0.95	30.28 -0.06 -1.11	31.31 -0.06 -1.22	36.43 -0.03 -1.79	40.42 -0.08 -2.22	38.50 0.00 -2.01	35.33 -0.03 -1.65	30.95 -0.06 -1.12	28.96 -0.06 -0.77	24.67 -0.10 -0.34	22.32 -0.09 -0.22
YORK___WARBASSE 23770	21.18 1.55 -0.01	19.03 1.33 0.00	17.98 1.22 0.00	17.78 1.15 0.00	17.86 1.11 0.00	18.65 1.11 0.00	21.90 1.51 -0.03	23.94 1.61 0.00	24.87 1.78 0.00	24.90 1.76 0.00	26.55 2.03 0.00	28.09 2.08 0.00	29.05 2.18 0.00	30.62 2.44 -0.12	31.81 2.34 -0.23	32.88 2.35 -0.38	38.24 2.84 -0.72	41.78 3.18 -0.33	39.19 2.70 0.00	36.11 2.39 0.00	31.81 1.91 0.00	30.28 2.03 0.00	26.39 1.95 0.00	23.87 1.69 0.00