

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

06/13/2023

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	19.63	18.40	17.31	16.59	17.00	17.98	20.58	22.56	23.61	24.16	24.52	24.72	25.23	25.25	26.48	27.89	31.31	34.97	32.77	31.50	29.00	25.41	23.10	20.75
24138	1.22	1.08	0.99	0.96	1.00	1.05	1.27	1.50	1.59	1.71	1.71	1.76	1.90	2.09	2.19	2.33	2.59	2.86	2.30	2.14	1.92	1.68	1.63	1.23
	-0.17	-0.66	-0.38	-0.17	-0.11	0.00	0.00	-0.81	-1.35	-0.79	-2.00	-1.99	-1.23	0.00	0.00	0.00	0.00	0.00	-1.00	-0.48	0.00	0.00	0.00	0.00
74TH STREET_GT_1	19.67	18.42	17.34	16.63	17.03	17.99	20.58	22.58	23.63	24.18	24.54	24.74	25.23	25.38	26.55	27.92	31.36	35.07	32.94	31.62	29.16	25.45	23.16	20.79
24260	1.26	1.10	1.02	1.01	1.03	1.07	1.27	1.52	1.61	1.73	1.73	1.78	1.90	2.22	2.26	2.35	2.64	2.95	2.48	2.25	2.08	1.73	1.70	1.27
	-0.17	-0.66	-0.38	-0.17	-0.11	0.00	0.00	-0.81	-1.35	-0.79	-2.00	-1.99	-1.23	0.00	0.00	0.00	0.00	0.00	-1.00	-0.48	0.00	0.00	0.00	0.00
74TH STREET_GT_2	19.67	18.42	17.34	16.63	17.03	17.99	20.58	22.58	23.63	24.18	24.54	24.74	25.23	25.38	26.55	27.92	31.36	35.07	32.94	31.62	29.16	25.45	23.16	20.79
24261	1.26	1.10	1.02	1.01	1.03	1.07	1.27	1.52	1.61	1.73	1.73	1.78	1.90	2.22	2.26	2.35	2.64	2.95	2.48	2.25	2.08	1.73	1.70	1.27
	-0.17	-0.66	-0.38	-0.17	-0.11	0.00	0.00	-0.81	-1.35	-0.79	-2.00	-1.99	-1.23	0.00	0.00	0.00	0.00	0.00	-1.00	-0.48	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	20.23	19.00	17.85	17.07	17.47	18.48	21.13	27.18	30.07	30.28	33.39	33.58	32.13	27.28	28.21	28.87	33.89	38.07	39.21	32.64	29.21	26.07	23.42	21.22
24011	1.77	1.50	1.42	1.39	1.45	1.56	1.80	1.90	1.94	1.95	1.87	1.89	1.90	1.57	1.46	1.69	1.95	2.44	2.33	2.31	2.14	2.35	1.95	1.70
	-0.21	-0.84	-0.49	-0.21	-0.14	0.00	-0.03	-5.02	-7.45	-6.66	-10.70	-10.72	-8.13	-2.54	-2.46	-1.61	-3.22	-3.52	-7.41	-1.44	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	20.41	19.16	17.98	17.21	17.60	18.65	21.30	27.26	30.15	30.29	33.42	33.58	32.15	27.79	28.83	29.56	34.64	38.87	39.97	33.51	30.05	26.33	23.63	21.40
23798	1.95	1.65	1.55	1.53	1.57	1.73	1.97	2.11	2.15	2.15	2.08	2.08	2.10	2.20	2.19	2.45	2.84	3.40	3.27	3.18	2.98	2.61	2.17	1.87
	-0.21	-0.84	-0.49	-0.21	-0.14	0.00	-0.03	-4.89	-7.32	-6.48	-10.52	-10.53	-7.95	-2.43	-2.35	-1.54	-3.07	-3.36	-7.23	-1.45	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	20.23	19.00	17.85	17.07	17.47	18.48	21.13	27.18	30.07	30.28	33.39	33.58	32.13	27.28	28.21	28.87	33.89	38.07	39.21	32.64	29.21	26.07	23.42	21.22
24028	1.77	1.50	1.42	1.39	1.45	1.56	1.80	1.90	1.94	1.95	1.87	1.89	1.90	1.57	1.46	1.69	1.95	2.44	2.33	2.31	2.14	2.35	1.95	1.70
	-0.21	-0.84	-0.49	-0.21	-0.14	0.00	-0.03	-5.02	-7.45	-6.66	-10.70	-10.72	-8.13	-2.54	-2.46	-1.61	-3.22	-3.52	-7.41	-1.44	0.00	0.00	0.00	0.00
ADK_NYS___DAM	19.56	18.47	17.37	16.59	16.98	17.92	20.58	28.38	31.06	32.43	35.02	35.27	34.15	29.11	30.18	29.93	36.04	40.09	41.11	31.58	28.56	25.05	22.69	20.64
23527	1.11	1.00	0.96	0.93	0.95	1.00	1.22	1.22	1.24	1.34	1.27	1.30	1.37	1.46	1.53	1.51	1.64	1.77	1.53	1.56	1.49	1.33	1.22	1.11
	-0.21	-0.81	-0.47	-0.21	-0.13	0.00	-0.06	-6.91	-9.14	-9.42	-12.93	-13.00	-10.68	-4.49	-4.35	-2.85	-5.69	-6.21	-10.11	-1.14	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	18.96	17.89	16.86	16.12	16.48	17.37	19.73	19.32	19.81	18.57	19.72	19.79	19.77	20.66	21.87	24.18	25.42	28.56	26.80	30.53	27.70	24.24	21.92	19.93
24190	0.51	0.42	0.45	0.45	0.46	0.44	0.46	0.51	0.54	0.58	0.54	0.55	0.57	0.65	0.63	0.61	0.69	0.80	0.71	0.69	0.62	0.52	0.45	0.41
	-0.21	-0.81	-0.48	-0.21	-0.13	0.00	0.04	1.44	1.40	3.68	1.64	1.73	2.90	3.15	3.06	2.00	3.99	4.36	3.38	-0.95	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	17.95	16.48	15.76	15.28	15.72	16.72	18.99	20.05	20.45	21.45	20.59	20.74	21.85	22.91	24.02	25.26	28.38	31.70	29.23	28.65	26.86	23.51	21.23	19.23
355683	-0.29	-0.18	-0.18	-0.19	-0.17	-0.20	-0.31	-0.20	-0.23	-0.22	-0.23	-0.23	-0.24	-0.25	-0.27	-0.31	-0.34	-0.42	-0.24	-0.23	-0.22	-0.21	-0.24	-0.29
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	18.96	17.89	16.86	16.12	16.48	17.37	19.73	19.32	19.81	18.57	19.72	19.79	19.77	20.66	21.87	24.18	25.42	28.56	26.80	30.53	27.70	24.24	21.92	19.93
23571	0.51	0.42	0.45	0.45	0.46	0.44	0.46	0.51	0.54	0.58	0.54	0.55	0.57	0.65	0.63	0.61	0.69	0.80	0.71	0.69	0.62	0.52	0.45	0.41
	-0.21	-0.81	-0.48	-0.21	-0.13	0.00	0.04	1.44	1.40	3.68	1.64	1.73	2.90	3.15	3.06	2.00	3.99	4.36	3.38	-0.95	0.00	0.00	0.00	0.00
ALBANY___2	18.96	17.89	16.86	16.12	16.48	17.37	19.73	19.32	19.81	18.57	19.72	19.79	19.77	20.66	21.87	24.18	25.42	28.56	26.80	30.53	27.70	24.24	21.92	19.93
23572	0.51	0.42	0.45	0.45	0.46	0.44	0.46	0.51	0.54	0.58	0.54	0.55	0.57	0.65	0.63	0.61	0.69	0.80	0.71	0.69	0.62	0.52	0.45	0.41
	-0.21	-0.81	-0.48	-0.21	-0.13	0.00	0.04	1.44	1.40	3.68	1.64	1.73	2.90	3.15	3.06	2.00	3.99	4.36	3.38	-0.95	0.00	0.00	0.00	0.00
ALBANY___3	18.96	17.89	16.86	16.12	16.48	17.37	19.73	19.32	19.81	18.57	19.72	19.79	19.77	20.66	21.87	24.18	25.42	28.56	26.80	30.53	27.70	24.24	21.92	19.93
23573	0.51	0.42	0.45	0.45	0.46	0.44	0.46	0.51	0.54	0.58	0.54	0.55	0.57	0.65	0.63	0.61	0.69	0.80	0.71	0.69	0.62	0.52	0.45	0.41
	-0.21	-0.81	-0.48	-0.21	-0.13	0.00	0.04	1.44	1.40	3.68	1.64	1.73	2.90	3.15	3.06	2.00	3.99	4.36	3.38	-0.95	0.00	0.00	0.00	0.00

ALBANY___4 23574	18.96 0.51 -0.21	17.89 0.42 -0.81	16.86 0.45 -0.48	16.12 0.45 -0.21	16.48 0.46 -0.13	17.37 0.44 0.00	19.73 0.46 0.04	19.32 0.51 1.44	19.81 0.54 1.40	18.57 0.58 3.68	19.72 0.54 1.64	19.79 0.55 1.73	19.77 0.57 2.90	20.66 0.65 3.15	21.87 0.63 3.06	24.18 0.61 2.00	25.42 0.69 3.99	28.56 0.80 4.36	26.80 0.71 3.38	30.53 0.69 -0.95	27.70 0.62 0.00	24.24 0.52 0.00	21.92 0.45 0.00	19.93 0.41 0.00
ALBANY___LFGE 323615	19.14 0.69 -0.21	18.05 0.57 -0.82	17.01 0.59 -0.48	16.26 0.59 -0.21	16.63 0.60 -0.13	17.52 0.59 0.00	19.91 0.64 0.03	20.25 0.71 0.71	23.15 0.87 -1.61	22.22 0.93 0.37	24.29 0.87 -2.60	24.39 0.88 -2.53	23.78 0.95 -0.74	22.71 1.00 1.45	23.98 1.09 1.40	25.75 1.10 0.92	28.12 1.23 1.83	31.43 1.32 2.00	30.80 1.21 -0.12	31.27 1.16 -1.23	28.16 1.08 0.00	24.67 0.95 0.00	22.26 0.79 0.00	20.22 0.70 0.00
ALCOA_PA_115KV_PL-6C 55860	18.06 -0.18 0.00	16.60 -0.07 0.00	15.86 -0.08 0.00	15.38 -0.08 0.00	15.83 -0.06 0.00	16.84 -0.08 0.00	19.13 -0.17 0.00	20.18 -0.08 0.00	20.59 -0.08 0.00	21.60 -0.06 0.00	20.73 -0.08 0.00	20.87 -0.10 0.00	21.98 -0.11 0.00	23.02 -0.14 0.00	24.14 -0.15 0.00	25.41 -0.15 0.00	28.55 -0.17 0.00	31.83 -0.29 0.00	29.38 -0.09 0.00	28.80 -0.09 0.00	27.05 -0.03 0.00	23.65 -0.07 0.00	21.36 -0.11 0.00	19.33 -0.20 0.00
ALCOA_RYNLDS___DRP 24188	18.06 -0.18 0.00	16.60 -0.07 0.00	15.86 -0.08 0.00	15.38 -0.08 0.00	15.83 -0.06 0.00	16.84 -0.08 0.00	19.13 -0.17 0.00	20.18 -0.08 0.00	20.59 -0.08 0.00	21.60 -0.06 0.00	20.73 -0.08 0.00	20.87 -0.10 0.00	21.98 -0.11 0.00	23.02 -0.14 0.00	24.14 -0.15 0.00	25.41 -0.15 0.00	28.55 -0.17 0.00	31.83 -0.29 0.00	29.38 -0.09 0.00	28.80 -0.09 0.00	27.05 -0.03 0.00	23.65 -0.07 0.00	21.36 -0.11 0.00	19.33 -0.20 0.00
ALCOA___DSASP 323711	18.06 -0.18 0.00	16.60 -0.07 0.00	15.86 -0.08 0.00	15.38 -0.08 0.00	15.83 -0.06 0.00	16.84 -0.08 0.00	19.13 -0.17 0.00	20.18 -0.08 0.00	20.59 -0.08 0.00	21.60 -0.06 0.00	20.73 -0.08 0.00	20.87 -0.10 0.00	21.98 -0.11 0.00	23.05 -0.12 0.00	24.17 -0.12 0.00	25.39 -0.18 0.00	28.55 -0.17 0.00	31.92 -0.19 0.00	29.38 -0.09 0.00	28.80 -0.09 0.00	27.05 -0.03 0.00	23.65 -0.07 0.00	21.36 -0.11 0.00	19.33 -0.20 0.00
ALLEGHENY___COGEN 23514	18.84 0.57 -0.03	17.06 0.28 -0.12	16.33 0.32 -0.07	15.83 0.34 -0.03	16.24 0.33 -0.02	17.40 0.47 0.00	20.07 0.77 0.00	20.80 0.40 -0.14	21.35 0.43 -0.24	21.91 0.11 -0.14	21.17 0.00 -0.36	21.31 -0.02 -0.35	22.07 -0.24 -0.22	22.86 -0.30 0.00	24.05 -0.24 0.00	25.46 -0.10 0.00	28.66 -0.06 0.00	32.21 0.10 0.00	30.29 0.65 -0.18	30.01 1.04 -0.09	28.24 1.16 0.00	24.88 1.16 0.00	22.56 1.09 0.00	20.58 1.05 0.00
ALTAMONT_115KV_TB 2 55880	19.14 0.69 -0.21	18.08 0.60 -0.81	17.01 0.59 -0.48	16.26 0.59 -0.21	16.63 0.60 -0.13	17.54 0.61 0.00	19.96 0.68 0.02	20.98 0.73 0.00	21.98 0.76 -0.55	21.45 0.80 1.02	22.61 0.77 -1.02	22.71 0.78 -0.96	22.66 0.82 0.26	22.61 0.93 1.47	23.78 0.92 1.43	25.58 0.95 0.94	27.92 1.06 1.87	31.30 1.22 2.04	29.84 1.06 0.69	30.79 1.04 -0.87	28.05 0.97 0.00	24.55 0.83 0.00	22.22 0.75 0.00	20.19 0.66 0.00
ALTONA_WT_PWR 323606	17.99 -0.26 0.00	16.58 -0.08 0.00	15.86 -0.08 0.00	15.40 -0.06 0.00	15.89 0.00 0.00	16.98 0.05 0.00	19.34 0.04 0.00	20.48 0.22 0.00	20.90 0.23 0.00	21.94 0.28 0.00	21.09 0.27 0.00	21.23 0.25 0.00	22.38 0.29 0.00	23.53 0.37 0.00	24.73 0.44 0.00	26.03 0.46 0.00	29.27 0.54 0.00	32.82 0.71 0.00	30.23 0.76 0.00	29.63 0.75 0.00	27.80 0.73 0.00	24.24 0.52 0.00	21.83 0.36 0.00	19.70 0.18 0.00
AMERICAN_REF_FUEL 24010	17.70 -0.57 -0.03	15.95 -0.82 -0.10	15.33 -0.67 -0.06	14.90 -0.59 -0.03	15.24 -0.67 -0.02	16.23 -0.69 0.00	18.68 -0.62 0.00	19.09 -1.30 -0.13	19.88 -1.01 -0.21	20.71 -1.08 -0.13	20.07 -1.06 -0.32	20.18 -1.11 -0.32	21.08 -1.22 -0.20	22.00 -1.16 0.00	23.08 -1.21 0.00	24.32 -1.25 0.00	27.20 -1.52 0.00	30.29 -1.83 0.00	28.21 -1.41 -0.16	27.52 -1.44 -0.08	25.72 -1.35 0.00	22.77 -0.95 0.00	20.95 -0.52 0.00	19.25 -0.27 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	18.07 -0.20 -0.03	16.25 -0.53 -0.12	15.56 -0.45 -0.07	15.20 -0.29 -0.03	15.66 -0.25 -0.02	16.79 -0.14 0.00	19.47 0.17 0.00	20.24 -0.16 -0.15	21.07 0.15 -0.25	22.01 0.19 -0.15	21.37 0.19 -0.37	21.51 0.17 -0.37	22.54 0.22 -0.23	23.46 0.30 0.00	24.63 0.34 0.00	26.00 0.43 0.00	28.90 0.17 0.00	31.99 -0.13 0.00	29.71 0.06 -0.19	28.94 -0.03 -0.09	26.99 -0.08 0.00	23.87 0.14 0.00	21.85 0.39 0.00	19.99 0.47 0.00
ARTHUR_KILL_GT_1 23520	19.68 1.26 -0.17	18.42 1.10 -0.66	17.31 0.99 -0.38	16.59 0.96 -0.17	16.98 0.99 -0.11	17.86 0.93 0.00	20.36 1.06 0.00	22.33 1.28 -0.80	23.40 1.39 -1.34	23.96 1.52 -0.78	24.35 1.54 -1.99	24.57 1.62 -1.98	25.09 1.77 -1.23	25.09 1.92 -0.01	26.35 2.06 0.00	27.79 2.22 0.00	30.06 2.53 1.19	32.13 2.83 2.82	30.06 2.36 1.77	29.01 2.14 2.01	26.76 1.89 2.21	25.36 1.64 0.00	23.15 1.68 -0.01	20.79 1.27 0.00
ARTHUR_KILL_2 23512	19.64 1.22 -0.17	18.37 1.05 -0.66	17.28 0.96 -0.38	16.56 0.93 -0.17	16.95 0.95 -0.11	17.82 0.90 0.00	20.32 1.02 0.00	22.29 1.24 -0.80	23.34 1.32 -1.34	23.90 1.45 -0.78	24.29 1.48 -1.99	24.53 1.57 -1.98	25.02 1.70 -1.23	25.04 1.88 -0.01	26.28 1.99 0.00	27.71 2.15 0.00	29.94 2.41 1.19	32.00 2.70 2.82	29.94 2.24 1.77	28.90 2.02 2.01	26.65 1.79 2.21	25.29 1.57 0.00	23.09 1.61 -0.01	20.73 1.21 0.00
ARTHUR_KILL_3 23513	19.49 1.08 -0.17	18.24 0.92 -0.66	17.18 0.86 -0.38	16.46 0.83 -0.17	16.86 0.86 -0.11	17.84 0.91 0.00	20.40 1.10 0.00	22.38 1.32 -0.81	23.38 1.36 -1.35	23.95 1.49 -0.79	24.29 1.48 -2.00	24.51 1.55 -1.99	25.01 1.68 -1.23	25.01 1.85 0.00	26.23 1.94 0.00	27.64 2.07 0.00	29.69 2.16 1.19	31.65 2.34 2.81	29.61 1.91 1.78	28.63 1.76 2.01	26.45 1.60 2.22	25.17 1.45 0.00	22.91 1.44 0.00	20.56 1.03 0.00
ARTHUR_KILL_COGEN 323718	19.68 1.26 -0.17	18.42 1.10 -0.66	17.31 0.99 -0.38	16.59 0.96 -0.17	16.98 0.99 -0.11	17.86 0.93 0.00	20.36 1.06 0.00	22.33 1.28 -0.80	23.40 1.39 -1.34	23.96 1.52 -0.78	24.35 1.54 -1.99	24.57 1.62 -1.98	25.09 1.77 -1.23	25.09 1.92 -0.01	26.35 2.06 0.00	27.79 2.22 0.00	30.06 2.53 1.19	32.13 2.83 2.82	30.06 2.36 1.77	29.01 2.14 2.01	26.76 1.89 2.21	25.36 1.64 0.00	23.15 1.68 -0.01	20.79 1.27 0.00
ASHOKAN____ 23654	19.27 0.84 -0.19	17.65 0.25 -0.73	16.64 0.27 -0.43	16.30 0.65 -0.19	16.71 0.70 -0.12	17.60 0.68 0.00	20.21 0.93 0.02	21.33 1.30 0.22	22.08 1.34 -0.07	21.75 1.34 1.26	22.43 1.31 -0.30	22.51 1.28 -0.26	22.79 1.37 0.67	23.30 1.58 1.43	24.58 1.67 1.39	26.50 1.84 0.91	29.06 2.16 1.81	32.51 2.38 1.98	30.67 2.21 1.01	30.41 0.84 -0.69	27.80 0.73 0.00	24.76 1.04 0.00	22.30 0.84 0.00	20.21 0.68 0.00

ASTORIA_EAST_ENERGY_CC1 323581	19.73 1.31 -0.17	18.48 1.15 -0.66	17.40 1.07 -0.39	16.70 1.07 -0.17	17.09 1.08 -0.12	17.98 1.05 0.00	20.44 1.14 0.00	22.42 1.36 -0.81	23.41 1.39 -1.35	23.97 1.52 -0.79	24.38 1.56 -2.00	24.62 1.66 -1.99	25.14 1.81 -1.23	25.16 1.99 -0.01	26.28 1.99 0.00	27.71 2.15 0.00	31.05 2.33 -0.01	34.66 2.54 -0.01	32.60 2.12 -1.01	31.39 2.02 -0.48	28.86 1.79 0.00	25.31 1.59 0.00	23.13 1.65 -0.01	20.79 1.27 0.00
ASTORIA_EAST_ENERGY_CC2 323582	19.73 1.31 -0.17	18.48 1.15 -0.66	17.40 1.07 -0.39	16.70 1.07 -0.17	17.09 1.08 -0.12	17.98 1.05 0.00	20.44 1.14 0.00	22.42 1.36 -0.81	23.41 1.39 -1.35	23.97 1.52 -0.79	24.38 1.56 -2.00	24.62 1.66 -1.99	25.14 1.81 -1.23	25.16 1.99 -0.01	26.28 1.99 0.00	27.71 2.15 0.00	31.05 2.33 -0.01	34.66 2.54 -0.01	32.60 2.12 -1.01	31.39 2.02 -0.48	28.86 1.79 0.00	25.31 1.59 0.00	23.13 1.65 -0.01	20.79 1.27 0.00
ASTORIA_GT2_1 24094	19.75 1.33 -0.17	18.48 1.15 -0.66	17.40 1.07 -0.39	16.70 1.07 -0.17	17.10 1.10 -0.12	17.98 1.05 0.00	20.44 1.14 0.00	22.44 1.38 -0.81	23.41 1.39 -1.35	23.99 1.54 -0.79	24.40 1.58 -2.00	24.64 1.68 -1.99	25.16 1.83 -1.23	25.30 2.13 -0.01	26.36 2.06 0.00	27.74 2.17 0.00	31.11 2.38 -0.01	34.79 2.67 -0.01	32.72 2.24 -1.01	31.47 2.11 -0.48	29.00 1.92 0.00	25.31 1.59 0.00	23.15 1.67 -0.01	20.79 1.27 0.00
ASTORIA_GT2_2 24095	19.75 1.33 -0.17	18.48 1.15 -0.66	17.40 1.07 -0.39	16.70 1.07 -0.17	17.10 1.10 -0.12	17.98 1.05 0.00	20.44 1.14 0.00	22.44 1.38 -0.81	23.41 1.39 -1.35	23.99 1.54 -0.79	24.40 1.58 -2.00	24.64 1.68 -1.99	25.16 1.83 -1.23	25.30 2.13 -0.01	26.36 2.06 0.00	27.74 2.17 0.00	31.11 2.38 -0.01	34.79 2.67 -0.01	32.72 2.24 -1.01	31.47 2.11 -0.48	29.00 1.92 0.00	25.31 1.59 0.00	23.15 1.67 -0.01	20.79 1.27 0.00
ASTORIA_GT2_3 24096	19.75 1.33 -0.17	18.48 1.15 -0.66	17.40 1.07 -0.39	16.70 1.07 -0.17	17.10 1.10 -0.12	17.98 1.05 0.00	20.44 1.14 0.00	22.44 1.38 -0.81	23.41 1.39 -1.35	23.99 1.54 -0.79	24.40 1.58 -2.00	24.64 1.68 -1.99	25.16 1.83 -1.23	25.30 2.13 -0.01	26.36 2.06 0.00	27.74 2.17 0.00	31.11 2.38 -0.01	34.79 2.67 -0.01	32.72 2.24 -1.01	31.47 2.11 -0.48	29.00 1.92 0.00	25.31 1.59 0.00	23.15 1.67 -0.01	20.79 1.27 0.00
ASTORIA_GT2_4 24097	19.75 1.33 -0.17	18.48 1.15 -0.66	17.40 1.07 -0.39	16.70 1.07 -0.17	17.10 1.10 -0.12	17.98 1.05 0.00	20.44 1.14 0.00	22.44 1.38 -0.81	23.41 1.39 -1.35	23.99 1.54 -0.79	24.40 1.58 -2.00	24.64 1.68 -1.99	25.16 1.83 -1.23	25.30 2.13 -0.01	26.36 2.06 0.00	27.74 2.17 0.00	31.11 2.38 -0.01	34.79 2.67 -0.01	32.72 2.24 -1.01	31.47 2.11 -0.48	29.00 1.92 0.00	25.31 1.59 0.00	23.15 1.67 -0.01	20.79 1.27 0.00
ASTORIA_GT3_1 24098	19.75 1.33 -0.17	18.48 1.15 -0.66	17.40 1.07 -0.39	16.70 1.07 -0.17	17.10 1.10 -0.12	17.98 1.05 0.00	20.44 1.14 0.00	22.44 1.38 -0.81	23.41 1.39 -1.35	23.99 1.54 -0.79	24.40 1.58 -2.00	24.64 1.68 -1.99	25.16 1.83 -1.23	25.30 2.13 -0.01	26.36 2.06 0.00	27.74 2.17 0.00	31.11 2.38 -0.01	34.79 2.67 -0.01	32.72 2.24 -1.01	31.47 2.11 -0.48	29.00 1.92 0.00	25.31 1.59 0.00	23.15 1.67 -0.01	20.79 1.27 0.00
ASTORIA_GT3_2 24099	19.75 1.33 -0.17	18.48 1.15 -0.66	17.40 1.07 -0.39	16.70 1.07 -0.17	17.10																			

ASTORIA_GT_10 24110	19.66 1.24 -0.17	18.39 1.07 -0.66	17.31 0.99 -0.38	16.62 0.99 -0.17	17.00 1.00 -0.11	17.94 1.02 0.00	20.48 1.18 0.00	22.48 1.42 -0.81	23.51 1.49 -1.35	24.08 1.62 -0.79	24.44 1.62 -2.00	24.66 1.70 -1.99	25.16 1.83 -1.23	25.30 2.13 -0.01	26.43 2.14 0.00	27.79 2.22 0.00	31.23 2.50 -0.01	34.92 2.79 -0.01	32.83 2.36 -1.01	31.50 2.14 -0.48	29.02 1.95 0.00	25.33 1.61 0.00	23.11 1.63 -0.01	20.75 1.23 0.00
ASTORIA_GT_11 24225	19.66 1.24 -0.17	18.39 1.07 -0.66	17.31 0.99 -0.38	16.62 0.99 -0.17	17.00 1.00 -0.11	17.94 1.02 0.00	20.48 1.18 0.00	22.48 1.42 -0.81	23.51 1.49 -1.35	24.08 1.62 -0.79	24.44 1.62 -2.00	24.66 1.70 -1.99	25.16 1.83 -1.23	25.30 2.13 -0.01	26.43 2.14 0.00	27.79 2.22 0.00	31.23 2.50 -0.01	34.92 2.79 -0.01	32.83 2.36 -1.01	31.50 2.14 -0.48	29.02 1.95 0.00	25.33 1.61 0.00	23.11 1.63 -0.01	20.75 1.23 0.00
ASTORIA_GT_12 24226	19.66 1.24 -0.17	18.39 1.07 -0.66	17.31 0.99 -0.38	16.62 0.99 -0.17	17.00 1.00 -0.11	17.94 1.02 0.00	20.48 1.18 0.00	22.48 1.42 -0.81	23.51 1.49 -1.35	24.05 1.60 -0.79	24.44 1.62 -2.00	24.66 1.70 -1.99	25.16 1.83 -1.23	25.18 2.01 -0.01	26.38 2.09 0.00	27.79 2.22 0.00	31.20 2.47 -0.01	34.82 2.70 -0.01	32.71 2.24 -1.01	31.45 2.08 -0.48	28.94 1.87 0.00	25.34 1.61 0.00	23.11 1.63 -0.01	20.75 1.23 0.00
ASTORIA_GT_13 24227	19.66 1.24 -0.17	18.39 1.07 -0.66	17.31 0.99 -0.38	16.62 0.99 -0.17	17.00 1.00 -0.11	17.94 1.02 0.00	20.48 1.18 0.00	22.48 1.42 -0.81	23.51 1.49 -1.35	24.05 1.60 -0.79	24.44 1.62 -2.00	24.66 1.70 -1.99	25.16 1.83 -1.23	25.18 2.01 -0.01	26.38 2.09 0.00	27.79 2.22 0.00	31.20 2.47 -0.01	34.82 2.70 -0.01	32.71 2.24 -1.01	31.45 2.08 -0.48	28.94 1.87 0.00	25.34 1.61 0.00	23.11 1.63 -0.01	20.75 1.23 0.00
ASTORIA_GT_5 24106	19.77 1.35 -0.17	18.49 1.17 -0.66	17.43 1.10 -0.39	16.72 1.08 -0.17	17.12 1.11 -0.12	17.99 1.07 0.00	20.48 1.18 0.00	22.46 1.40 -0.81	23.45 1.43 -1.35	24.03 1.58 -0.79	24.44 1.62 -2.00	24.66 1.70 -1.99	25.21 1.88 -1.23	25.21 2.04 -0.01	26.35 2.06 0.00	27.77 2.20 0.00	31.14 2.41 -0.01	34.76 2.63 -0.01	32.69 2.21 -1.01	31.47 2.11 -0.48	28.94 1.87 0.00	25.38 1.66 0.00	23.19 1.72 -0.01	20.83 1.31 0.00
ASTORIA_GT_7 24107	19.77 1.35 -0.17	18.49 1.17 -0.66	17.43 1.10 -0.39	16.72 1.08 -0.17	17.12 1.11 -0.12	17.99 1.07 0.00	20.48 1.18 0.00	22.46 1.40 -0.81	23.45 1.43 -1.35	24.03 1.58 -0.79	24.44 1.62 -2.00	24.66 1.70 -1.99	25.21 1.88 -1.23	25.21 2.04 -0.01	26.35 2.06 0.00	27.77 2.20 0.00	31.14 2.41 -0.01	34.76 2.63 -0.01	32.69 2.21 -1.01	31.47 2.11 -0.48	28.94 1.87 0.00	25.38 1.66 0.00	23.19 1.72 -0.01	20.83 1.31 0.00
ASTORIA_GT_8 24108	19.77 1.35 -0.17	18.50 1.17 -0.66	17.43 1.10 -0.39	16.72 1.08 -0.17	17.12 1.11 -0.12	17.99 1.07 0.00	20.48 1.18 0.00	22.46 1.40 -0.81	23.45 1.43 -1.35	24.03 1.58 -0.79	24.44 1.62 -2.00	24.66 1.70 -1.99	25.21 1.88 -1.23	25.35 2.18 -0.01	26.40 2.11 0.00	27.79 2.22 0.00	31.17 2.44 -0.01	34.88 2.76 -0.01	32.80 2.33 -1.01	31.53 2.17 -0.48	29.05 1.98 0.00	25.36 1.64 0.00	23.19 1.72 -0.01	20.83 1.31 0.00
ASTORIA___2 24149	19.75 1.33 -0.17	18.48 1.15 -0.66	17.40 1.07 -0.39	16.70 1.07 -0.17	17.10 1.10 -0.12	17.98 1.05 0.00	20.44 1.14 0.00	22.44 1.38 -0.81	23.41 1.39 -1.35	23.99 1.54 -0.79	24.40 1.58 -2.00	24.64 1.68 -1.99	25.16 1.83 -1.23	25.16 1.99 -0.01	26.31 2.01 0.00	27.71 2.15 0.00	31.09 2.36 -0.01	34.69 2.57 -0.01	32.63 2.15 -1.01	31.42 2.05 -0.48	28.89 1.81 0.00	25.34 1.61 0.00	23.15 1.68 -0.01	20.79 1.27 0.00
ASTORIA___3 23516	19.66 1.24 -0.17	18.39 1.07 -0.66	17.31 0.99 -0.38	16.62 0.99 -0.17	17.00 1.00 -0.11	17.94 1.02 0.00	20.48 1.18 0.00	22.48 1.42 -0.81	23.51 1.49 -1.35	24.05 1.60 -0.79	24.44 1.62 -2.00	24.66 1.70 -1.99	25.16 1.83 -1.23	25.18 2.01 -0.01	26.38 2.09 0.00	27.79 2.22 0.00	31.20 2.47 -0.01	34.82 2.70 -0.01	32.71 2.24 -1.01	31.45 2.08 -0.48	28.94 1.87 0.00	25.34 1.61 0.00	23.11 1.63 -0.01	20.75 1.23 0.00
ASTORIA___4 23517	19.66 1.24 -0.17	18.39 1.07 -0.66	17.31 0.99 -0.38	16.62 0.99 -0.17	17.00 1.00 -0.11	17.94 1.02 0.00	20.48 1.18 0.00	22.48 1.42 -0.81	23.51 1.49 -1.35	24.08 1.62 -0.79	24.44 1.62 -2.00	24.66 1.70 -1.99	25.16 1.83 -1.23	25.30 2.13 -0.01	26.43 2.14 0.00	27.79 2.22 0.00	31.23 2.50 -0.01	34.92 2.79 -0.01	32.83 2.36 -1.01	31.50 2.14 -0.48	29.02 1.95 0.00	25.33 1.61 0.00	23.11 1.63 -0.01	20.75 1.23 0.00
ASTORIA___5 23518	19.66 1.24 -0.17	18.39 1.07 -0.66	17.31 0.99 -0.38	16.62 0.99 -0.17	17.00 1.00 -0.11	17.94 1.02 0.00	20.48 1.18 0.00	22.48 1.42 -0.81	23.51 1.49 -1.35	24.05 1.60 -0.79	24.44 1.62 -2.00	24.66 1.70 -1.99	25.16 1.83 -1.23	25.18 2.01 -0.01	26.38 2.09 0.00	27.79 2.22 0.00	31.20 2.47 -0.01	34.82 2.70 -0.01	32.71 2.24 -1.01	31.45 2.08 -0.48	28.94 1.87 0.00	25.34 1.61 0.00	23.11 1.63 -0.01	20.75 1.23 0.00
AST_ENERGY_2_CC3 323677	19.54 1.13 -0.17	18.30 0.98 -0.66	17.25 0.92 -0.38	16.52 0.90 -0.17	16.92 0.92 -0.11	17.89 0.96 0.00	20.44 1.14 0.00	22.42 1.36 -0.81	23.45 1.43 -1.35	23.99 1.54 -0.79	24.36 1.54 -2.00	24.55 1.59 -1.99	25.05 1.72 -1.23	25.06 1.90 0.00	26.28 1.99 0.00	27.69 2.12 0.00	31.02 2.30 0.00	34.65 2.54 0.00	32.53 2.06 -1.00	31.27 1.91 -0.48	28.81 1.73 0.00	25.24 1.52 0.00	22.97 1.50 0.00	20.65 1.13 0.00
AST_ENERGY_2_CC4 323678	19.54 1.13 -0.17	18.30 0.98 -0.66	17.25 0.92 -0.38	16.52 0.90 -0.17	16.92 0.92 -0.11	17.89 0.96 0.00	20.44 1.14 0.00	22.42 1.36 -0.81	23.45 1.43 -1.35	23.99 1.54 -0.79	24.36 1.54 -2.00	24.55 1.59 -1.99	25.05 1.72 -1.23	25.06 1.90 0.00	26.28 1.99 0.00	27.69 2.12 0.00	31.02 2.30 0.00	34.65 2.54 0.00	32.53 2.06 -1.00	31.27 1.91 -0.48	28.81 1.73 0.00	25.24 1.52 0.00	22.97 1.50 0.00	20.65 1.13 0.00
ATHENS_STG_1 23668	19.18 0.75 -0.19	18.06 0.67 -0.73	17.01 0.64 -0.43	16.27 0.62 -0.19	16.65 0.64 -0.12	17.57 0.64 0.00	20.02 0.71 0.00	21.84 0.75 -0.84	22.85 0.79 -1.39	23.32 0.84 -0.81	23.72 0.83 -2.07	23.87 0.84 -2.06	24.28 0.91 -1.28	24.16 1.00 0.00	25.33 1.04 0.00	26.67 1.10 0.00	29.93 1.21 0.00	33.43 1.32 0.00	31.62 1.12 -1.03	30.45 1.07 -0.50	28.08 1.00 0.00	24.57 0.85 0.00	22.28 0.82 0.00	20.26 0.74 0.00
ATHENS_STG_2 23670	19.18 0.75 -0.19	18.06 0.67 -0.73	17.01 0.64 -0.43	16.27 0.62 -0.19	16.65 0.64 -0.12	17.57 0.64 0.00	20.02 0.71 0.00	21.84 0.75 -0.84	22.85 0.79 -1.39	23.32 0.84 -0.81	23.72 0.83 -2.07	23.87 0.84 -2.06	24.28 0.91 -1.28	24.16 1.00 0.00	25.33 1.04 0.00	26.67 1.10 0.00	29.93 1.21 0.00	33.43 1.32 0.00	31.62 1.12 -1.03	30.45 1.07 -0.50	28.08 1.00 0.00	24.57 0.85 0.00	22.28 0.82 0.00	20.26 0.74 0.00

ATHENS_STG_3 23677	19.18 0.75 -0.19	18.06 0.67 -0.73	17.01 0.64 -0.43	16.27 0.62 -0.19	16.65 0.64 -0.12	17.57 0.64 0.00	20.02 0.71 0.00	21.84 0.75 -0.84	22.85 0.79 -1.39	23.32 0.84 -0.81	23.72 0.83 -2.07	23.87 0.84 -2.06	24.28 0.91 -1.28	24.16 1.00 0.00	25.33 1.04 0.00	26.67 1.10 0.00	29.93 1.21 0.00	33.43 1.32 0.00	31.62 1.12 -1.03	30.45 1.07 -0.50	28.08 1.00 0.00	24.57 0.85 0.00	22.28 0.82 0.00	20.26 0.74 0.00
AUBURN___LFG 323710	18.57 0.31 -0.02	16.95 0.20 -0.09	16.17 0.18 -0.05	15.67 0.19 -0.02	16.11 0.21 -0.01	17.18 0.25 0.00	19.71 0.41 0.00	20.64 0.28 -0.10	21.16 0.31 -0.17	22.02 0.26 -0.10	21.30 0.23 -0.25	21.44 0.21 -0.25	22.45 0.20 -0.16	23.35 0.19 0.00	24.58 0.29 0.00	25.92 0.36 0.00	29.18 0.46 0.00	32.63 0.51 0.00	30.01 0.41 -0.13	29.38 0.43 -0.06	27.53 0.46 0.00	24.10 0.38 0.00	21.81 0.34 0.00	19.89 0.37 0.00
BABYLON_RES_REC 323704	29.70 1.50 -9.96	29.60 1.32 -11.62	20.65 1.24 -3.46	20.18 1.22 -3.49	21.23 1.26 -4.08	20.31 1.34 -2.05	29.65 1.56 -8.79	30.15 1.74 -8.16	30.17 1.88 -7.62	30.72 1.99 -7.07	30.81 1.87 -8.12	28.65 1.89 -5.79	28.67 1.94 -4.63	35.06 2.18 -9.73	34.80 2.09 -8.42	41.67 2.10 -14.01	45.56 2.27 -14.57	50.86 2.51 -16.24	52.65 2.15 -21.03	40.13 2.08 -9.17	37.85 1.89 -8.89	32.69 1.71 -7.26	27.99 1.87 -4.65	27.00 1.54 -5.94
BABYLON__69_KV_BK2 356345	29.86 1.66 -9.96	29.74 1.45 -11.62	20.77 1.37 -3.46	20.28 1.33 -3.49	21.36 1.38 -4.08	20.43 1.46 -2.05	29.81 1.72 -8.79	30.32 1.90 -8.16	30.34 2.05 -7.62	30.94 2.21 -7.07	31.02 2.08 -8.12	28.86 2.10 -5.79	28.89 2.17 -4.63	35.39 2.50 -9.73	35.23 2.53 -8.42	42.21 2.63 -14.01	46.13 2.84 -14.57	51.57 3.21 -16.24	53.27 2.77 -21.03	40.77 2.71 -9.17	38.48 2.52 -8.89	33.02 2.04 -7.26	28.20 2.08 -4.65	27.20 1.74 -5.94
BARON_WINDS___WT_PWR 323822	18.12 -0.16 -0.04	16.44 -0.37 -0.15	15.72 -0.30 -0.09	15.31 -0.18 -0.04	15.76 -0.16 -0.02	16.86 -0.07 0.00	19.46 0.15 0.00	20.30 -0.14 -0.19	20.99 0.00 -0.31	21.80 -0.04 -0.18	21.22 -0.06 -0.46	21.35 -0.08 -0.46	22.27 -0.11 -0.29	23.07 -0.09 0.00	24.27 -0.02 0.00	25.64 0.08 0.00	28.69 -0.03 0.00	32.05 -0.06 0.00	29.79 0.09 -0.23	29.05 0.06 -0.11	27.16 0.08 0.00	23.91 0.19 0.00	21.77 0.30 0.00	19.87 0.35 0.00
BARRETT_IC_1 23704	29.69 1.48 -9.97	29.59 1.30 -11.63	20.64 1.23 -3.47	20.17 1.21 -3.50	21.22 1.24 -4.09	20.30 1.32 -2.06	29.64 1.54 -8.80	30.14 1.72 -8.16	30.14 1.84 -7.63	30.69 1.95 -7.07	30.75 1.81 -8.13	28.59 1.82 -5.80	28.64 1.90 -4.64	34.98 2.09 -9.73	34.90 2.19 -8.42	41.91 2.33 -14.02	45.85 2.56 -14.57	51.16 2.79 -16.25	52.86 2.36 -21.03	40.31 2.25 -9.17	38.05 2.08 -8.89	32.77 1.78 -7.27	27.91 1.78 -4.66	26.93 1.46 -5.95
BARRETT_IC_10 23701	29.69 1.48 -9.97	29.59 1.30 -11.63	20.64 1.23 -3.47	20.17 1.21 -3.50	21.22 1.24 -4.09	20.30 1.32 -2.06	29.64 1.54 -8.80	30.14 1.72 -8.16	30.14 1.84 -7.63	30.69 1.95 -7.07	30.75 1.81 -8.13	28.59 1.82 -5.80	28.64 1.90 -4.64	34.98 2.09 -9.73	34.90 2.19 -8.42	41.91 2.33 -14.02	45.85 2.56 -14.57	51.16 2.79 -16.25	52.86 2.36 -21.03	40.31 2.25 -9.17	38.05 2.08 -8.89	32.77 1.78 -7.27	27.91 1.78 -4.66	26.93 1.46 -5.95
BARRETT_IC_11 23702	29.69 1.48 -9.97	29.59 1.30 -11.63	20.64 1.23 -3.47	20.17 1.21 -3.50	21.22 1.24 -4.09	20.30 1.32 -2.06	29.64 1.54 -8.80	30.14 1.72 -8.16	30.14 1.84 -7.63	30.69 1.95 -7.07	30.75 1.81 -8.13	28.59 1.82 -5.80	28.64 1.90 -4.64	34.98 2.09 -9.73	34.90 2.19 -8.42	41.91 2.33 -14.02	45.85 2.56 -14.57	51.16 2.79 -16.25	52.86 2.36 -21.03	40.31 2.25 -9.17	38.05 2.08 -8.89	32.77 1.78 -7.27	27.91 1.78 -4.66	26.93 1.46 -5.95
BARRETT_IC_12 23703	29.69 1.48 -9.97	29.59 1.30 -11.63	20.64 1.23 -3.47	20.17 1.21 -3.50	21.22 1.24 -4.09	20.30 1.32 -2.06	29.64 1.54 -8.80	30.14 1.72 -8.16	30.14 1.84 -7.63	30.69 1.95 -7.07	30.75 1.81 -8.13	28.59 1.82 -5.80	28.64 1.90 -4.64	34.98 2.09 -9.73	34.90 2.19 -8.42	41.91 2.33 -14.02	45.85 2.56 -14.57	51.16 2.79 -16.25	52.86 2.36 -21.03	40.31 2.25 -9.17	38.05 2.08 -8.89	32.77 1.78 -7.27	27.91 1.78 -4.66	26.93 1.46 -5.95
BARRETT_IC_2 23705	29.69 1.48 -9.97	29.59 1.30 -11.63	20.64 1.23 -3.47	20.17 1.21 -3.50	21.22 1.24 -4.09	20.30 1.32 -2.06	29.64 1.54 -8.80	30.14 1.72 -8.16	30.14 1.84 -7.63	30.69 1.95 -7.07	30.75 1.81 -8.13	28.59 1.82 -5.80	28.64 1.90 -4.64	34.98 2.09 -9.73	34.90 2.19 -8.42	41.91 2.33 -14.02	45.85 2.56 -14.57	51.16 2.79 -16.25	52.86 2.36 -21.03	40.31 2.25 -9.17	38.05 2.08 -8.89	32.77 1.78 -7.27	27.91 1.78 -4.66	26.93 1.46 -5.95
BARRETT_IC_3 23706	29.69 1.48 -9.97	29.59 1.30 -11.63	20.64 1.23 -3.47	20.17 1.21 -3.50	21.22 1.24 -4.09	20.30 1.32 -2.06	29.64 1.54 -8.80	30.14 1.72 -8.16	30.14 1.84 -7.63	30.69 1.95 -7.07	30.75 1.81 -8.13	28.59 1.82 -5.80	28.64 1.90 -4.64	34.98 2.09 -9.73	34.90 2.19 -8.42	41.91 2.33 -14.02	45.85 2.56 -14.57	51.16 2.79 -16.25	52.86 2.36 -21.03	40.31 2.25 -9.17	38.05 2.08 -8.89	32.77 1.78 -7.27	27.91 1.78 -4.66	26.93 1.46 -5.95
BARRETT_IC_4 23707	29.69 1.48 -9.97	29.59 1.30 -11.63	20.64 1.23 -3.47	20.17 1.21 -3.50	21.22 1.24 -4.09	20.30 1.32 -2.06	29.64 1.54 -8.80	30.14 1.72 -8.16	30.14 1.84 -7.63	30.69 1.95 -7.07	30.75 1.81 -8.13	28.59 1.82 -5.80	28.64 1.90 -4.64	34.98 2.09 -9.73	34.90 2.19 -8.42	41.91 2.33 -14.02	45.85 2.56 -14.57	51.16 2.79 -16.25	52.86 2.36 -21.03	40.31 2.25 -9.17	38.05 2.08 -8.89	32.77 1.78 -7.27	27.91 1.78 -4.66	26.93 1.46 -5.95
BARRETT_IC_5 23708	29.69 1.48 -9.97	29.59 1.30 -11.63	20.64 1.23 -3.47	20.17 1.21 -3.50	21.22 1.24 -4.09	20.30 1.32 -2.06	29.64 1.54 -8.80	30.14 1.72 -8.16	30.14 1.84 -7.63	30.69 1.95 -7.07	30.75 1.81 -8.13	28.59 1.82 -5.80	28.64 1.90 -4.64	34.98 2.09 -9.73	34.90 2.19 -8.42	41.91 2.33 -14.02	45.85 2.56 -14.57	51.16 2.79 -16.25	52.86 2.36 -21.03	40.31 2.25 -9.17	38.05 2.08 -8.89	32.77 1.78 -7.27	27.91 1.78 -4.66	26.93 1.46 -5.95
BARRETT_IC_6 23709	29.69 1.48 -9.97	29.59 1.30 -11.63	20.64 1.23 -3.47	20.17 1.21 -3.50	21.22 1.24 -4.09	20.30 1.32 -2.06	29.64 1.54 -8.80	30.14 1.72 -8.16	30.14 1.84 -7.63	30.69 1.95 -7.07	30.75 1.81 -8.13	28.59 1.82 -5.80	28.64 1.90 -4.64	34.98 2.09 -9.73	34.90 2.19 -8.42	41.91 2.33 -14.02	45.85 2.56 -14.57	51.16 2.79 -16.25	52.86 2.36 -21.03	40.31 2.25 -9.17	38.05 2.08 -8.89	32.77 1.78 -7.27	27.91 1.78 -4.66	26.93 1.46 -5.95
BARRETT_IC_7 23710	29.68 1.48 -9.96	29.59 1.30 -11.62	20.63 1.23 -3.46	20.16 1.21 -3.49	21.22 1.24 -4.08	20.30 1.32 -2.05	29.63 1.54 -8.79	30.11 1.70 -8.16	30.13 1.84 -7.62	30.68 1.95 -7.07	30.75 1.81 -8.12	28.59 1.82 -5.79	28.61 1.88 -4.63	35.07 2.18 -9.73	34.94 2.23 -8.42	41.93 2.35 -14.01	45.84 2.56 -14.57	51.25 2.89 -16.24	52.94 2.45 -21.03	40.36 2.31 -9.17	38.07 2.11 -8.89	32.69 1.71 -7.26	27.90 1.78 -4.65	26.93 1.46 -5.94

BARRETT_IC_8 23711	29.69 1.48 -9.97	29.59 1.30 -11.63	20.64 1.23 -3.47	20.17 1.21 -3.50	21.22 1.24 -4.09	20.30 1.32 -2.06	29.64 1.54 -8.80	30.14 1.72 -8.16	30.14 1.84 -7.63	30.69 1.95 -7.07	30.75 1.81 -8.13	28.59 1.82 -5.80	28.64 1.90 -4.64	34.98 2.09 -9.73	34.90 2.19 -8.42	41.91 2.33 -14.02	45.85 2.56 -14.57	51.16 2.79 -16.25	52.86 2.36 -21.03	40.31 2.25 -9.17	38.05 2.08 -8.89	32.77 1.78 -7.27	27.91 1.78 -4.66	26.93 1.46 -5.95
BARRETT_IC_9 23700	29.69 1.48 -9.97	29.59 1.30 -11.63	20.64 1.23 -3.47	20.17 1.21 -3.50	21.22 1.24 -4.09	20.30 1.32 -2.06	29.64 1.54 -8.80	30.14 1.72 -8.16	30.14 1.84 -7.63	30.69 1.95 -7.07	30.75 1.81 -8.13	28.59 1.82 -5.80	28.64 1.90 -4.64	34.98 2.09 -9.73	34.90 2.19 -8.42	41.91 2.33 -14.02	45.85 2.56 -14.57	51.16 2.79 -16.25	52.86 2.36 -21.03	40.31 2.25 -9.17	38.05 2.08 -8.89	32.77 1.78 -7.27	27.91 1.78 -4.66	26.93 1.46 -5.95
BARRETT___1 23545	29.69 1.48 -9.97	29.59 1.30 -11.63	20.64 1.23 -3.47	20.17 1.21 -3.50	21.22 1.24 -4.09	20.30 1.32 -2.06	29.64 1.54 -8.80	30.14 1.72 -8.16	30.14 1.84 -7.63	30.69 1.95 -7.07	30.75 1.81 -8.13	28.59 1.82 -5.80	28.64 1.90 -4.64	34.98 2.09 -9.73	34.90 2.19 -8.42	41.91 2.33 -14.02	45.85 2.56 -14.57	51.16 2.79 -16.25	52.86 2.36 -21.03	40.31 2.25 -9.17	38.05 2.08 -8.89	32.77 1.78 -7.27	27.91 1.78 -4.66	26.93 1.46 -5.95
BARRETT___2 23546	29.69 1.48 -9.97	29.59 1.30 -11.63	20.64 1.23 -3.47	20.17 1.21 -3.50	21.22 1.24 -4.09	20.30 1.32 -2.06	29.64 1.54 -8.80	30.14 1.72 -8.16	30.14 1.84 -7.63	30.69 1.95 -7.07	30.75 1.81 -8.13	28.59 1.82 -5.80	28.64 1.90 -4.64	34.98 2.09 -9.73	34.90 2.19 -8.42	41.91 2.33 -14.02	45.85 2.56 -14.57	51.16 2.79 -16.25	52.86 2.36 -21.03	40.31 2.25 -9.17	38.05 2.08 -8.89	32.77 1.78 -7.27	27.91 1.78 -4.66	26.93 1.46 -5.95
BATAVIA___115KV_TB1 55881	18.40 0.13 -0.02	16.59 -0.17 -0.10	15.90 -0.10 -0.06	15.42 -0.06 -0.02	15.80 -0.11 -0.02	16.89 -0.03 0.00	19.49 0.19 0.00	20.07 -0.30 -0.12	20.79 -0.08 -0.20	21.67 -0.11 -0.12	20.92 -0.19 -0.29	21.01 -0.25 -0.29	22.01 -0.27 -0.18	22.75 -0.42 0.00	24.15 -0.15 0.00	25.52 -0.05 0.00	28.35 -0.37 0.00	31.76 -0.35 0.00	29.32 -0.29 -0.15	28.78 -0.17 -0.07	27.08 0.00 0.00	23.98 0.26 0.00	21.87 0.41 0.00	20.05 0.53 0.00
BAYONEEC___CTG1 323682	19.56 1.15 -0.17	18.30 0.98 -0.66	17.25 0.92 -0.38	16.52 0.90 -0.17	16.92 0.92 -0.11	17.89 0.96 0.00	20.46 1.16 0.00	22.44 1.38 -0.81	23.47 1.45 -1.35	24.03 1.58 -0.79	24.38 1.56 -2.00	24.57 1.62 -1.99	25.07 1.75 -1.23	25.08 1.92 0.00	26.31 2.01 0.00	27.71 2.15 0.00	31.05 2.33 0.00	34.65 2.54 0.00	32.53 2.06 -1.00	31.30 1.94 -0.48	28.83 1.76 0.00	25.26 1.54 0.00	22.99 1.52 0.00	20.65 1.13 0.00
BAYONEEC___CTG10 323750	19.56 1.15 -0.17	18.30 0.98 -0.66	17.25 0.92 -0.38	16.52 0.90 -0.17	16.92 0.92 -0.11	17.89 0.96 0.00	20.46 1.16 0.00	22.44 1.38 -0.81	23.47 1.45 -1.35	24.03 1.58 -0.79	24.38 1.56 -2.00	24.57 1.62 -1.99	25.07 1.75 -1.23	25.08 1.92 0.00	26.31 2.01 0.00	27.71 2.15 0.00	31.05 2.33 0.00	34.65 2.54 0.00	32.53 2.06 -1.00	31.30 1.94 -0.48	28.83 1.76 0.00	25.26 1.54 0.00	22.99 1.52 0.00	20.65 1.13 0.00
BAYONEEC___CTG2 323683	19.56 1.15 -0.17	18.30 0.98 -0.66	17.25 0.92 -0.38	16.52 0.90 -0.17	16.92 0.92 -0.11	17.89 0.96 0.00	20.46 1.16 0.00	22.44 1.38 -0.81	23.47 1.45 -1.35	24.03 1.58 -0.79	24.38 1.56 -2.00	24.57 1.62 -1.99	25.07 1.75 -1.23	25.08 1.92 0.00	26.31 2.01 0.00	27.71 2.15 0.00	31.05 2.33 0.00	34.65 2.54 0.00	32.53 2.06 -1.00	31.30 1.94 -0.48	28.83 1.76 0.00	25.26 1.54 0.00	22.99 1.52 0.00	20.65 1.13 0.00
BAYONEEC___CTG3 323684	19.56 1.15 -0.17	18.30 0.98 -0.66	17.25 0.92 -0.38	16.52 0.90 -0.17	16.92 0.92 -0.11	17.89 0.96 0.00	20.46 1.16 0.00	22.44 1.38 -0.81	23.47 1.45 -1.35	24.03 1.58 -0.79	24.38 1.56 -2.00	24.57 1.62 -1.99	25.07 1.75 -1.23	25.08 1.92 0.00	26.31 2.01 0.00	27.71 2.15 0.00	31.05 2.33 0.00	34.65 2.54 0.00	32.53 2.06 -1.00	31.30 1.94 -0.48	28.83 1.76 0.00	25.26 1.54 0.00	22.99 1.52 0.00	20.65 1.13 0.00
BAYONEEC___CTG4 323685	19.56 1.15 -0.17	18.30 0.98 -0.66	17.25 0.92 -0.38	16.52 0.90 -0.17	16.92 0.92 -0.11	17.89 0.96 0.00	20.46 1.16 0.00	22.44 1.38 -0.81	23.47 1.45 -1.35	24.03 1.58 -0.79	24.38 1.56 -2.00	24.57 1.62 -1.99	25.07 1.75 -1.23	25.08 1.92 0.00	26.31 2.01 0.00	27.71 2.15 0.00	31.05 2.33 0.00	34.65 2.54 0.00	32.53 2.06 -1.00	31.30 1.94 -0.48	28.83 1.76 0.00	25.26 1.54 0.00	22.99 1.52 0.00	20.65 1.13 0.00
BAYONEEC___CTG5 323686	19.56 1.15 -0.17	18.30 0.98 -0.66	17.25 0.92 -0.38	16.52 0.90 -0.17	16.92 0.92 -0.11	17.89 0.96 0.00	20.46 1.16 0.00	22.44 1.38 -0.81	23.47 1.45 -1.35	24.03 1.58 -0.79	24.38 1.56 -2.00	24.57 1.62 -1.99	25.07 1.75 -1.23	25.08 1.92 0.00	26.31 2.01 0.00	27.71 2.15 0.00	31.05 2.33 0.00	34.65 2.54 0.00	32.53 2.06 -1.00	31.30 1.94 -0.48	28.83 1.76 0.00	25.26 1.54 0.00	22.99 1.52 0.00	20.65 1.13 0.00
BAYONEEC___CTG6 323687	19.56 1.15 -0.17	18.30 0.98 -0.66	17.25 0.92 -0.38	16.52 0.90 -0.17	16.92 0.92 -0.11	17.89 0.96 0.00	20.46 1.16 0.00	22.44 1.38 -0.81	23.47 1.45 -1.35	24.03 1.58 -0.79	24.38 1.56 -2.00	24.57 1.62 -1.99	25.07 1.75 -1.23	25.08 1.92 0.00	26.31 2.01 0.00	27.71 2.15 0.00	31.05 2.33 0.00	34.65 2.54 0.00	32.53 2.06 -1.00	31.30 1.94 -0.48	28.83 1.76 0.00	25.26 1.54 0.00	22.99 1.52 0.00	20.65 1.13 0.00
BAYONEEC___CTG7 323688	19.56 1.15 -0.17	18.30 0.98 -0.66	17.25 0.92 -0.38	16.52 0.90 -0.17	16.92 0.92 -0.11	17.89 0.96 0.00	20.46 1.16 0.00	22.44 1.38 -0.81	23.47 1.45 -1.35	24.03 1.58 -0.79	24.38 1.56 -2.00	24.57 1.62 -1.99	25.07 1.75 -1.23	25.08 1.92 0.00	26.31 2.01 0.00	27.71 2.15 0.00	31.05 2.33 0.00	34.65 2.54 0.00	32.53 2.06 -1.00	31.30 1.94 -0.48	28.83 1.76 0.00	25.26 1.54 0.00	22.99 1.52 0.00	20.65 1.13 0.00
BAYONEEC___CTG8 323689	19.56 1.15 -0.17	18.30 0.98 -0.66	17.25 0.92 -0.38	16.52 0.90 -0.17	16.92 0.92 -0.11	17.89 0.96 0.00	20.46 1.16 0.00	22.44 1.38 -0.81	23.47 1.45 -1.35	24.03 1.58 -0.79	24.38 1.56 -2.00	24.57 1.62 -1.99	25.07 1.75 -1.23	25.08 1.92 0.00	26.31 2.01 0.00	27.71 2.15 0.00	31.05 2.33 0.00	34.65 2.54 0.00	32.53 2.06 -1.00	31.30 1.94 -0.48	28.83 1.76 0.00	25.26 1.54 0.00	22.99 1.52 0.00	20.65 1.13 0.00
BAYONEEC___CTG9 323749	19.56 1.15 -0.17	18.30 0.98 -0.66	17.25 0.92 -0.38	16.52 0.90 -0.17	16.92 0.92 -0.11	17.89 0.96 0.00	20.46 1.16 0.00	22.44 1.38 -0.81	23.47 1.45 -1.35	24.03 1.58 -0.79	24.38 1.56 -2.00	24.57 1.62 -1.99	25.07 1.75 -1.23	25.08 1.92 0.00	26.31 2.01 0.00	27.71 2.15 0.00	31.05 2.33 0.00	34.65 2.54 0.00	32.53 2.06 -1.00	31.30 1.94 -0.48	28.83 1.76 0.00	25.26 1.54 0.00	22.99 1.52 0.00	20.65 1.13 0.00

BEACON___LESR 323632	19.25 0.80 -0.21	18.14 0.67 -0.81	17.08 0.67 -0.47	16.33 0.66 -0.21	16.71 0.68 -0.13	17.62 0.69 0.00	20.03 0.77 0.04	19.20 0.85 1.91	19.48 0.87 2.06	18.07 0.93 4.52	19.13 0.85 2.54	19.21 0.88 2.64	19.28 0.95 3.76	20.50 1.00 3.66	21.89 1.14 3.54	24.42 1.18 2.32	25.44 1.35 4.63	28.51 1.45 5.06	26.56 1.33 4.24	31.14 1.30 -0.95	28.26 1.19 0.00	24.79 1.07 0.00	22.37 0.90 0.00	20.32 0.80 0.00
BEAVER RIVER___HYD 24048	18.58 0.33 -0.01	16.99 0.30 -0.03	16.23 0.27 -0.02	15.73 0.26 -0.01	16.17 0.27 0.00	17.30 0.37 0.00	19.75 0.44 0.00	20.78 0.53 0.00	21.13 0.45 0.00	22.12 0.46 0.00	21.17 0.35 0.00	21.29 0.32 0.00	22.43 0.33 0.00	23.42 0.26 0.00	24.51 0.22 0.00	25.75 0.18 0.00	29.01 0.29 0.00	32.50 0.39 0.00	30.06 0.59 0.00	29.63 0.75 0.00	27.94 0.87 0.00	24.38 0.66 0.00	21.85 0.39 0.00	19.85 0.33 0.00
BEEBEE_GT_13 23619	18.30 0.04 -0.02	16.60 -0.15 -0.08	15.88 -0.11 -0.05	15.36 -0.12 -0.02	15.71 -0.19 -0.01	16.79 -0.14 0.00	19.36 0.06 0.00	20.07 -0.28 -0.10	20.73 -0.10 -0.16	21.63 -0.13 -0.09	20.89 -0.17 -0.24	21.02 -0.19 -0.24	22.04 -0.20 -0.15	22.86 -0.30 0.00	24.14 -0.15 0.00	25.49 -0.08 0.00	28.43 -0.29 0.00	31.83 -0.29 0.00	29.32 -0.27 -0.12	28.74 -0.20 -0.06	26.99 -0.08 0.00	23.79 0.07 0.00	21.64 0.17 0.00	19.80 0.27 0.00
BENSHRST_27_KV_BENSHRST_1 355998	19.80 1.39 -0.17	18.52 1.20 -0.66	17.42 1.10 -0.38	16.70 1.07 -0.17	17.09 1.10 -0.11	18.01 1.08 0.00	20.56 1.25 0.00	22.56 1.50 -0.81	23.61 1.59 -1.35	24.21 1.75 -0.79	24.59 1.77 -2.00	24.81 1.85 -1.99	25.32 1.99 -1.23	25.48 2.32 -0.01	26.65 2.36 0.00	28.05 2.48 0.00	31.57 2.84 -0.01	35.33 3.21 -0.01	33.22 2.74 -1.01	31.82 2.46 -0.48	29.29 2.22 0.00	25.55 1.83 0.00	23.34 1.87 -0.01	20.93 1.41 0.00
BETHLEHEM___GRP 23843	18.96 0.51 -0.21	17.89 0.42 -0.81	16.86 0.45 -0.48	16.12 0.45 -0.21	16.48 0.46 -0.13	17.37 0.44 0.00	19.73 0.46 0.04	19.32 0.51 1.44	19.81 0.54 1.40	18.57 0.58 3.68	19.72 0.54 1.64	19.79 0.55 1.73	19.77 0.57 2.90	20.66 0.65 3.15	21.87 0.63 3.06	24.18 0.61 2.00	25.42 0.69 3.99	28.56 0.80 4.36	26.80 0.71 3.38	30.53 0.69 -0.95	27.70 0.62 0.00	24.24 0.52 0.00	21.92 0.45 0.00	19.93 0.41 0.00
BETHLEHEM___GS1 323560	18.96 0.51 -0.21	17.89 0.42 -0.81	16.86 0.45 -0.48	16.12 0.45 -0.21	16.49 0.46 -0.13	17.37 0.44 0.00	19.73 0.46 0.04	19.32 0.51 1.44	19.81 0.54 1.40	18.57 0.59 3.68	19.72 0.54 1.64	19.79 0.54 1.73	19.79 0.60 2.90	20.61 0.60 3.15	21.89 0.66 3.06	24.20 0.64 2.00	25.42 0.69 3.99	28.49 0.74 4.36	26.71 0.62 3.38	30.44 0.61 -0.95	27.64 0.57 0.00	24.24 0.52 0.00	21.90 0.43 0.00	19.93 0.41 0.00
BETHLEHEM___GS2 323561	18.96 0.51 -0.21	17.89 0.42 -0.81	16.86 0.45 -0.48	16.12 0.45 -0.21	16.49 0.46 -0.13	17.37 0.44 0.00	19.73 0.46 0.04	19.32 0.51 1.44	19.81 0.54 1.40	18.57 0.59 3.68	19.72 0.54 1.64	19.79 0.54 1.73	19.79 0.60 2.90	20.61 0.60 3.15	21.89 0.66 3.06	24.20 0.64 2.00	25.42 0.69 3.99	28.49 0.74 4.36	26.71 0.62 3.38	30.44 0.61 -0.95	27.64 0.57 0.00	24.24 0.52 0.00	21.90 0.43 0.00	19.93 0.41 0.00
BETHLEHEM___GS3 323562	18.96 0.51 -0.21	17.89 0.42 -0.81	16.86 0.45 -0.48	16.12 0.45 -0.21	16.49 0.46 -0.13	17.37 0.44 0.00	19.73 0.46 0.04	19.32 0.51 1.44	19.81 0.54 1.40	18.57 0.59 3.68	19.72 0.54 1.64	19.79 0.54 1.73	19.79 0.60 2.90	20.61 0.60 3.15	21.89 0.66 3.06	24.20 0.64 2.00	25.42 0.69 3.99	28.49 0.74 4.36	26.71 0.62 3.38	30.44 0.61 -0.95	27.64 0.57 0.00	24.24 0.52 0.00	21.90 0.43 0.00	19.93 0.41 0.00
BETHLEHEM___STEEL 23779	17.94 -0.33 -0.03	16.16 -0.62 -0.11	15.48 -0.53 -0.07	15.10 -0.39 -0.03	15.53 -0.38 -0.02	16.60 -0.32 0.00	19.19 -0.12 0.00	19.75 -0.65 -0.14	20.51 -0.39 -0.23	21.39 -0.41 -0.14	20.75 -0.42 -0.34	20.88 -0.44 -0.34	21.84 -0.46 -0.21	22.54 -0.63 0.00	23.93 -0.36 0.00	25.26 -0.31 0.00	28.03 -0.69 0.00	31.31 -0.80 0.00	28.88 -0.77 -0.17	28.27 -0.69 -0.08	26.53 -0.54 0.00	23.56 -0.17 0.00	21.60 0.13 0.00	19.82 0.29 0.00
BETHLHEM_115KV_TB1 79974	19.00 0.55 -0.21	17.93 0.45 -0.81	16.89 0.48 -0.48	16.15 0.48 -0.21	16.52 0.49 -0.13	17.40 0.47 0.00	19.77 0.50 0.03	19.54 0.55 1.26	20.08 0.58 1.17	18.96 0.63 3.34	20.08 0.58 1.32	20.15 0.59 1.41	20.17 0.64 2.57	20.95 0.72 2.92	22.16 0.70 2.83	24.40 0.69 1.86	25.80 0.78 3.70	28.97 0.90 4.04	27.20 0.77 3.04	30.57 0.75 -0.93	27.75 0.68 0.00	24.29 0.57 0.00	21.96 0.49 0.00	19.97 0.45 0.00
BETHPAGE_CC_5 323564	29.64 1.44 -9.96	29.59 1.30 -11.62	20.63 1.23 -3.46	20.15 1.19 -3.49	21.20 1.22 -4.08	20.28 1.30 -2.05	29.61 1.52 -8.79	30.09 1.68 -8.16	30.11 1.82 -7.62	30.66 1.93 -7.07	30.77 1.83 -8.12	28.63 1.87 -5.79	28.67 1.94 -4.63	35.00 2.11 -9.73	34.92 2.21 -8.42	41.90 2.33 -14.01	45.84 2.56 -14.57	51.18 2.83 -16.24	52.88 2.39 -21.03	40.33 2.28 -9.17	38.07 2.11 -8.89	32.79 1.80 -7.26	27.94 1.82 -4.65	26.95 1.48 -5.94
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	17.93 -0.35 -0.03	16.13 -0.65 -0.11	15.46 -0.54 -0.07	15.10 -0.39 -0.03	15.54 -0.37 -0.02	16.62 -0.30 0.00	19.22 -0.08 0.00	19.79 -0.61 -0.14	20.56 -0.35 -0.24	21.43 -0.37 -0.14	20.79 -0.37 -0.35	20.90 -0.42 -0.35	21.89 -0.42 -0.22	22.58 -0.58 0.00	24.00 -0.29 0.00	25.34 -0.23 0.00	28.12 -0.60 0.00	31.41 -0.71 0.00	28.97 -0.68 -0.18	28.36 -0.61 -0.09	26.62 -0.46 0.00	23.60 -0.12 0.00	21.64 0.17 0.00	19.85 0.33 0.00
BINGHAMTON___COGEN 23790	18.48 0.18 -0.05	16.93 0.05 -0.21	16.11 0.05 -0.12	15.61 0.09 -0.05	16.04 0.11 -0.03	17.10 0.17 0.00	19.59 0.29 0.00	20.75 0.20 -0.29	21.40 0.25 -0.48	22.16 0.22 -0.28	21.74 0.21 -0.71	21.89 0.21 -0.71	22.76 0.22 -0.44	23.37 0.21 0.00	24.61 0.32 0.00	25.95 0.38 0.00	29.12 0.40 0.00	32.53 0.42 0.00	30.18 0.35 -0.36	29.40 0.35 -0.17	27.40 0.32 0.00	24.08 0.36 0.00	21.81 0.34 0.00	19.89 0.37 0.00
BIXINCNT_115KV_LOAD 355685	17.71 -0.57 -0.03	15.90 -0.88 -0.12	15.23 -0.78 -0.07	14.97 -0.53 -0.03	15.47 -0.44 -0.02	16.57 -0.36 0.00	19.19 -0.12 0.00	19.84 -0.57 -0.15	20.56 -0.37 -0.26	21.40 -0.41 -0.15	20.76 -0.44 -0.38	20.89 -0.46 -0.38	21.93 -0.40 -0.23	22.54 -0.63 0.00	23.90 -0.39 0.00	25.13 -0.43 0.00	27.92 -0.80 0.00	31.25 -0.87 0.00	28.83 -0.83 -0.19	28.25 -0.72 -0.09	26.61 -0.46 0.00	23.60 -0.12 0.00	21.57 0.11 0.00	19.76 0.23 0.00
BLACK RIVER___HYD 24047	18.71 0.46 -0.01	17.08 0.38 -0.04	16.31 0.35 -0.02	15.80 0.33 -0.01	16.25 0.35 -0.01	17.38 0.46 0.00	19.86 0.56 0.00	20.89 0.63 0.00	21.21 0.54 0.00	22.16 0.50 0.00	21.19 0.38 0.00	21.33 0.36 0.00	22.47 0.38 0.00	23.42 0.26 0.00	24.48 0.19 0.00	25.75 0.18 0.00	29.04 0.32 0.00	32.60 0.48 0.00	30.23 0.76 0.00	29.86 0.98 0.00	28.13 1.05 0.00	24.55 0.83 0.00	21.94 0.47 0.00	19.93 0.41 0.00

BLACKRVR_115KV_TB2 79977	18.71 0.46 -0.01	17.08 0.38 -0.04	16.31 0.35 -0.02	15.80 0.32 -0.01	16.25 0.35 -0.01	17.38 0.46 0.00	19.86 0.56 0.00	20.88 0.63 0.00	21.21 0.54 0.00	22.16 0.50 0.00	21.19 0.37 0.00	21.33 0.36 0.00	22.47 0.38 0.00	23.39 0.23 0.00	24.48 0.19 0.00	25.75 0.18 0.00	29.09 0.37 0.00	32.60 0.48 0.00	30.21 0.74 0.00	29.84 0.95 0.00	28.13 1.06 0.00	24.55 0.83 0.00	21.94 0.47 0.00	19.93 0.41 0.00
BLISS_WT_PWR 323608	17.65 -0.62 -0.03	15.87 -0.92 -0.12	15.20 -0.81 -0.07	14.94 -0.56 -0.03	15.43 -0.48 -0.02	16.54 -0.39 0.00	19.15 -0.16 0.00	19.82 -0.59 -0.15	20.54 -0.39 -0.26	21.36 -0.46 -0.15	20.72 -0.48 -0.38	20.83 -0.52 -0.38	21.89 -0.44 -0.23	22.65 -0.51 0.00	23.78 -0.51 0.00	24.98 -0.59 0.00	27.92 -0.80 0.00	31.22 -0.90 0.00	29.04 -0.62 -0.19	28.31 -0.66 -0.09	26.67 -0.41 0.00	23.56 -0.16 0.00	21.53 0.06 0.00	19.70 0.18 0.00
BLUE_CIRC_CHEM_DRP 24182	19.23 0.78 -0.20	18.15 0.68 -0.80	17.08 0.67 -0.47	16.33 0.66 -0.20	16.70 0.68 -0.13	17.62 0.69 0.00	20.03 0.75 0.02	20.40 0.79 0.65	21.08 0.81 0.40	20.39 0.87 0.21	21.31 0.79 0.30	21.43 0.82 0.36	21.51 0.86 1.44	21.98 0.93 2.10	23.18 0.92 2.04	25.15 0.92 1.34	27.12 1.06 2.66	30.40 1.19 2.91	28.70 1.09 1.86	30.78 1.07 -0.83	28.08 1.00 0.00	24.60 0.88 0.00	22.24 0.77 0.00	20.25 0.72 0.00
BOC_GAS_DRP 24189	19.05 0.60 -0.21	18.01 0.53 -0.81	16.94 0.53 -0.47	16.19 0.53 -0.21	16.56 0.54 -0.13	17.45 0.52 0.00	19.86 0.58 0.02	20.63 0.63 0.26	21.47 0.66 -0.13	20.96 0.71 1.42	21.92 0.67 -0.43	22.04 0.69 -0.38	22.10 0.73 0.72	22.34 0.83 1.65	23.51 0.83 1.60	25.36 0.84 1.05	27.57 0.95 2.09	30.89 1.06 2.29	29.25 0.91 1.13	30.59 0.90 -0.81	27.89 0.81 0.00	24.41 0.69 0.00	22.09 0.62 0.00	20.09 0.57 0.00
BOONVILLE_115KV_TB1 79983	18.61 0.36 -0.01	17.00 0.32 -0.02	16.24 0.29 -0.01	15.75 0.28 -0.01	16.18 0.29 0.00	17.30 0.37 0.00	19.75 0.44 0.00	20.74 0.49 0.00	21.13 0.45 0.00	22.12 0.45 0.00	21.21 0.40 0.00	21.35 0.38 0.00	22.49 0.40 0.00	23.49 0.32 0.00	24.65 0.36 0.00	25.92 0.36 0.00	29.27 0.55 0.00	32.76 0.64 0.00	30.21 0.74 0.00	29.69 0.81 0.00	27.89 0.81 0.00	24.36 0.64 0.00	21.87 0.41 0.00	19.89 0.37 0.00
BORALEX_4TH_BRANCH 23824	19.56 1.11 -0.21	18.47 1.00 -0.81	17.37 0.96 -0.47	16.59 0.93 -0.21	16.98 0.95 -0.13	17.92 1.00 0.00	20.58 1.22 -0.06	28.38 1.22 -6.91	31.06 1.24 -9.14	32.43 1.34 -9.42	35.02 1.27 -12.93	35.27 1.30 -13.00	34.15 1.37 -10.68	29.11 1.46 -4.49	30.18 1.53 -4.35	29.93 1.51 -2.85	36.04 1.64 -5.69	40.09 1.77 -6.21	41.11 1.53 -10.11	31.58 1.56 -1.14	28.56 1.49 0.00	25.05 1.33 0.00	22.69 1.22 0.00	20.64 1.11 0.00
BOWLINE___1 23526	19.35 0.95 -0.16	18.13 0.83 -0.64	17.08 0.77 -0.37	16.38 0.76 -0.16	16.77 0.78 -0.10	17.76 0.83 0.00	20.27 0.96 0.00	22.17 1.13 -0.78	23.18 1.20 -1.31	23.73 1.30 -0.76	24.07 1.31 -1.94	24.24 1.34 -1.93	24.73 1.44 -1.20	24.76 1.60 0.00	25.99 1.70 0.00	27.38 1.82 0.00	30.70 1.98 0.00	34.30 2.18 0.00	32.24 1.80 -0.97	31.02 1.67 -0.47	28.62 1.54 0.00	25.05 1.33 0.00	22.73 1.27 0.00	20.50 0.98 0.00
BOWLINE___2 23595	19.37 0.97 -0.16	18.13 0.83 -0.64	17.08 0.77 -0.37	16.38 0.76 -0.16	16.77 0.78 -0.10	17.76 0.83 0.00	20.27 0.96 0.00	22.17 1.13 -0.78	23.18 1.20 -1.31	23.73 1.30 -0.76	24.07 1.31 -1.94	24.24 1.34 -1.93	24.73 1.44 -1.20	24.76 1.60 0.00	25.99 1.70 0.00	27.38 1.82 0.00	30.70 1.98 0.00	34.30 2.18 0.00	32.24 1.80 -0.97	31.02 1.67 -0.47	28.62 1.54 0.00	25.05 1.33 0.00	22.73 1.27 0.00	20.50 0.98 0.00
BRADY___115KV_TB2 356060	18.21 -0.04 0.00	16.73 0.07 0.00	15.99 0.05 0.00	15.51 0.05 0.00	15.94 0.05 0.00	16.99 0.07 0.00	19.30 0.00 0.00	20.42 0.16 0.00	20.82 0.14 0.00	21.82 0.15 0.00	20.94 0.12 0.00	21.06 0.08 0.00	22.18 0.09 0.00	23.21 0.05 0.00	24.36 0.07 0.00	25.59 0.03 0.00	28.78 0.06 0.00	32.05 -0.06 0.00	29.65 0.18 0.00	29.08 0.20 0.00	27.40 0.32 0.00	23.96 0.24 0.00	21.55 0.09 0.00	19.46 -0.06 0.00
BRANSCOMB___SOLAR 323811	19.84 1.39 -0.21	18.70 1.20 -0.83	17.56 1.13 -0.49	16.79 1.11 -0.21	17.17 1.14 -0.14	18.16 1.23 0.00	20.75 1.41 -0.04	27.81 1.48 -6.08	30.75 1.51 -8.57	31.39 1.54 -8.19	34.52 1.48 -12.22	34.68 1.45 -12.26	33.24 1.50 -9.65	28.24 1.58 -3.50	29.29 1.60 -3.39	29.53 1.74 -2.22	35.13 1.98 -4.43	39.24 2.28 -4.84	40.54 2.12 -8.95	32.38 2.11 -1.39	29.11 2.03 0.00	25.52 1.80 0.00	22.99 1.52 0.00	20.87 1.35 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	29.75 1.55 -9.96	29.65 1.37 -11.62	20.69 1.29 -3.46	20.21 1.25 -3.49	21.28 1.30 -4.08	20.35 1.37 -2.05	29.71 1.62 -8.79	30.22 1.80 -8.16	30.24 1.94 -7.62	30.81 2.08 -7.07	30.85 1.92 -8.12	28.67 1.91 -5.79	28.67 1.94 -4.63	35.16 2.27 -9.73	35.04 2.33 -8.42	42.00 2.43 -14.01	45.73 2.44 -14.57	51.12 2.76 -16.24	52.85 2.36 -21.03	40.48 2.43 -9.17	38.18 2.22 -8.89	32.76 1.78 -7.26	28.01 1.89 -4.65	27.06 1.60 -5.94
BRISTLHL_115KV_TB1 79998	18.13 -0.13 -0.01	16.54 -0.18 -0.05	15.80 -0.18 -0.03	15.31 -0.17 -0.01	15.73 -0.17 -0.01	16.76 -0.17 0.00	19.17 -0.14 0.00	20.03 -0.22 0.00	20.43 -0.25 0.00	21.36 -0.30 0.00	20.50 -0.31 0.00	20.66 -0.31 0.00	21.74 -0.35 0.00	22.74 -0.42 0.00	23.88 -0.41 0.00	25.18 -0.38 0.00	28.29 -0.43 0.00	31.60 -0.51 0.00	29.00 -0.47 0.00	28.45 -0.43 0.00	26.69 -0.38 0.00	23.41 -0.31 0.00	21.19 -0.28 0.00	19.37 -0.16 0.00
BROOKHAVEN___DRP 24191	29.50 1.30 -9.96	29.40 1.12 -11.62	20.47 1.07 -3.46	19.99 1.04 -3.49	21.04 1.06 -4.08	20.09 1.12 -2.05	29.40 1.31 -8.79	29.91 1.50 -8.16	29.95 1.65 -7.62	30.51 1.78 -7.07	30.58 1.64 -8.12	28.40 1.64 -5.79	28.43 1.70 -4.63	34.93 2.04 -9.73	34.80 2.09 -8.42	41.75 2.17 -14.01	45.59 2.30 -14.57	50.99 2.63 -16.24	52.74 2.24 -21.03	40.16 2.11 -9.17	37.91 1.95 -8.89	32.48 1.49 -7.26	27.77 1.65 -4.65	26.85 1.39 -5.94
BROOKLYN_NAVY_YARD 23515	19.56 1.15 -0.17	18.30 0.98 -0.66	17.25 0.92 -0.38	16.52 0.90 -0.17	16.92 0.92 -0.11	17.89 0.96 0.00	20.46 1.16 0.00	22.46 1.40 -0.81	23.51 1.49 -1.35	24.05 1.60 -0.79	24.38 1.56 -2.00	24.57 1.62 -1.99	25.07 1.75 -1.23	25.08 1.92 0.00	26.31 2.01 0.00	27.71 2.15 0.00	31.08 2.36 0.00	34.68 2.57 0.00	32.56 2.09 -1.00	31.30 1.94 -0.48	28.86 1.79 0.00	25.26 1.54 0.00	23.01 1.55 0.00	20.67 1.15 0.00
BROOKLYN___ARMY_DRP 323595	19.73 1.31 -0.17	18.45 1.13 -0.66	17.36 1.04 -0.38	16.65 1.02 -0.17	17.03 1.03 -0.11	17.94 1.02 0.00	20.48 1.18 0.00	22.48 1.42 -0.81	23.53 1.51 -1.35	24.10 1.65 -0.79	24.48 1.67 -2.00	24.70 1.74 -1.99	25.21 1.88 -1.23	25.37 2.20 -0.01	26.50 2.21 0.00	27.92 2.35 0.00	31.40 2.67 -0.01	35.14 3.02 -0.01	33.04 2.56 -1.01	31.65 2.28 -0.48	29.16 2.08 0.00	25.43 1.71 0.00	23.21 1.74 -0.01	20.83 1.31 0.00

BROOKVLE_69_KV_TB1 55790	29.62 1.42 -9.96	29.54 1.25 -11.62	20.58 1.18 -3.46	20.10 1.14 -3.49	21.15 1.18 -4.08	20.23 1.25 -2.05	29.56 1.47 -8.79	30.07 1.66 -8.16	29.99 1.70 -7.62	30.57 1.84 -7.07	30.75 1.81 -8.12	28.61 1.85 -5.79	28.76 2.03 -4.63	35.21 2.32 -9.73	35.06 2.36 -8.42	42.06 2.48 -14.01	46.07 2.79 -14.57	51.47 3.12 -16.24	53.15 2.65 -21.03	40.51 2.46 -9.17	38.21 2.25 -8.89	32.91 1.92 -7.26	27.97 1.85 -4.65	26.93 1.46 -5.94
BROOME_2_LFGE 323671	18.48 0.18 -0.05	16.93 0.05 -0.21	16.11 0.05 -0.12	15.61 0.09 -0.05	16.04 0.11 -0.03	17.10 0.17 0.00	19.59 0.29 0.00	20.75 0.20 -0.29	21.40 0.25 -0.48	22.16 0.22 -0.28	21.74 0.21 -0.71	21.89 0.21 -0.71	22.73 0.20 -0.44	23.39 0.23 0.00	24.58 0.29 0.00	25.95 0.38 0.00	29.09 0.37 0.00	32.53 0.42 0.00	30.21 0.38 -0.36	29.43 0.37 -0.17	27.42 0.35 0.00	24.08 0.36 0.00	21.81 0.34 0.00	19.89 0.37 0.00
BROOME__LFGE 323600	18.48 0.18 -0.05	16.93 0.05 -0.21	16.11 0.05 -0.12	15.61 0.09 -0.05	16.04 0.11 -0.03	17.10 0.17 0.00	19.59 0.29 0.00	20.75 0.20 -0.29	21.40 0.25 -0.48	22.16 0.22 -0.28	21.74 0.21 -0.71	21.89 0.21 -0.71	22.73 0.20 -0.44	23.39 0.23 0.00	24.58 0.29 0.00	25.95 0.38 0.00	29.09 0.37 0.00	32.53 0.42 0.00	30.21 0.38 -0.36	29.43 0.37 -0.17	27.42 0.35 0.00	24.08 0.36 0.00	21.81 0.34 0.00	19.89 0.37 0.00
BROWNFLS_115KV_TB_3_5 80003	18.39 0.15 0.00	16.87 0.18 -0.02	16.11 0.16 -0.01	15.62 0.15 0.00	16.07 0.17 0.00	17.16 0.24 0.00	19.53 0.23 0.00	20.66 0.41 0.00	21.03 0.35 0.00	22.03 0.37 0.00	21.09 0.27 0.00	21.22 0.25 0.00	22.36 0.27 0.00	23.35 0.19 0.00	24.48 0.19 0.00	25.75 0.18 0.00	28.92 0.20 0.00	32.15 0.03 0.00	29.76 0.29 0.00	29.29 0.40 0.00	27.72 0.65 0.00	24.24 0.52 0.00	21.75 0.28 0.00	19.70 0.18 0.00
BROWNSV1_27_KV_LOAD 356125	19.70 1.30 -0.17	18.44 1.12 -0.66	17.38 1.05 -0.38	16.65 1.02 -0.17	17.05 1.05 -0.11	18.03 1.10 0.00	20.61 1.31 0.00	22.62 1.56 -0.81	23.67 1.65 -1.35	24.23 1.78 -0.79	24.59 1.77 -2.00	24.78 1.82 -1.99	25.27 1.94 -1.23	25.43 2.27 0.00	26.60 2.31 0.00	27.97 2.40 0.00	31.42 2.70 0.00	35.13 3.02 0.00	33.00 2.53 -1.00	31.68 2.31 -0.48	29.21 2.14 0.00	25.50 1.78 0.00	23.21 1.74 0.00	20.83 1.31 0.00
BURROWS__LYONSDAL 23803	18.61 0.36 -0.01	17.01 0.32 -0.02	16.24 0.29 -0.01	15.75 0.28 -0.01	16.20 0.30 0.00	17.30 0.37 0.00	19.76 0.46 0.00	20.76 0.51 0.00	21.15 0.48 0.00	22.14 0.48 0.00	21.21 0.40 0.00	21.35 0.38 0.00	22.49 0.40 0.00	23.49 0.32 0.00	24.63 0.34 0.00	25.90 0.33 0.00	29.24 0.52 0.00	32.72 0.61 0.00	30.21 0.74 0.00	29.69 0.81 0.00	27.91 0.84 0.00	24.39 0.66 0.00	21.90 0.43 0.00	19.89 0.37 0.00
CAITHNESS_CC_1 323624	29.50 1.30 -9.96	29.42 1.13 -11.62	20.49 1.08 -3.46	19.99 1.04 -3.49	21.04 1.06 -4.08	20.11 1.13 -2.05	29.42 1.33 -8.79	29.93 1.52 -8.16	29.97 1.67 -7.62	30.51 1.78 -7.07	30.58 1.64 -8.12	28.40 1.64 -5.79	28.43 1.70 -4.63	34.81 1.92 -9.73	34.75 2.04 -8.42	41.77 2.20 -14.01	45.67 2.38 -14.57	50.99 2.63 -16.24	52.76 2.27 -21.03	40.13 2.08 -9.17	37.96 2.00 -8.88	32.64 1.66 -7.26	27.80 1.68 -4.65	26.87 1.41 -5.94
CALPINE BETH_PAGE_GT4 24209	29.62 1.42 -9.96	29.59 1.30 -11.62	20.63 1.23 -3.46	20.14 1.19 -3.49	21.20 1.22 -4.08	20.28 1.30 -2.05	29.61 1.52 -8.79	30.07 1.66 -8.16	30.07 1.78 -7.62	30.64 1.91 -7.07	30.75 1.81 -8.12	28.61 1.85 -5.79	28.65 1.92 -4.63	35.04 2.15 -9.73	34.92 2.21 -8.42	41.90 2.33 -14.01	45.84 2.56 -14.57	51.25 2.89 -16.24	52.94 2.45 -21.03	40.33 2.28 -9.17	38.07 2.11 -8.89	32.69 1.71 -7.26	27.92 1.80 -4.65	26.91 1.44 -5.94
CALPINE_BETH_PAGE_GT_4 323586	29.63 1.42 -9.96	29.59 1.30 -11.62	20.63 1.23 -3.46	20.15 1.19 -3.49	21.20 1.22 -4.08	20.28 1.30 -2.05	29.61 1.52 -8.79	30.07 1.66 -8.16	30.07 1.78 -7.62	30.64 1.91 -7.07	30.75 1.81 -8.12	28.61 1.85 -5.79	28.67 1.94 -4.63	34.95 2.06 -9.73	34.87 2.16 -8.42	41.85 2.27 -14.01	45.79 2.50 -14.57	51.12 2.76 -16.24	52.82 2.33 -21.03	40.27 2.22 -9.17	38.02 2.06 -8.89	32.74 1.76 -7.26	27.92 1.80 -4.65	26.93 1.46 -5.94
CALPINE_BP_GT1 23823	29.63 1.42 -9.96	29.59 1.30 -11.62	20.63 1.23 -3.46	20.15 1.19 -3.49	21.20 1.22 -4.08	20.28 1.30 -2.05	29.61 1.52 -8.79	30.07 1.66 -8.16	30.07 1.78 -7.62	30.64 1.91 -7.07	30.75 1.81 -8.12	28.61 1.85 -5.79	28.67 1.94 -4.63	34.95 2.06 -9.73	34.87 2.16 -8.42	41.85 2.27 -14.01	45.79 2.50 -14.57	51.12 2.76 -16.24	52.82 2.33 -21.03	40.27 2.22 -9.17	38.02 2.06 -8.89	32.74 1.76 -7.26	27.92 1.80 -4.65	26.93 1.46 -5.94
CALSPAN__DRP 24200	17.94 -0.33 -0.03	16.16 -0.62 -0.11	15.48 -0.53 -0.07	15.10 -0.39 -0.03	15.53 -0.38 -0.02	16.60 -0.32 0.00	19.19 -0.12 0.00	19.75 -0.65 -0.14	20.51 -0.39 -0.23	21.39 -0.41 -0.14	20.75 -0.42 -0.34	20.88 -0.44 -0.34	21.84 -0.46 -0.21	22.54 -0.63 0.00	23.93 -0.36 0.00	25.26 -0.31 0.00	28.03 -0.69 0.00	31.31 -0.80 0.00	28.88 -0.77 -0.17	28.27 -0.69 -0.08	26.53 -0.54 0.00	23.56 -0.17 0.00	21.60 0.13 0.00	19.82 0.29 0.00
CALVERTON__SOLAR 323806	29.52 1.31 -9.96	29.44 1.15 -11.62	20.50 1.10 -3.46	20.01 1.05 -3.49	21.06 1.08 -4.08	20.13 1.15 -2.05	29.44 1.35 -8.79	29.95 1.54 -8.16	30.01 1.71 -7.62	30.53 1.80 -7.07	30.64 1.71 -8.12	28.46 1.70 -5.79	28.50 1.77 -4.63	34.90 2.01 -9.73	34.82 2.11 -8.42	41.88 2.30 -14.01	45.82 2.53 -14.57	51.18 2.83 -16.24	52.94 2.44 -21.03	40.30 2.25 -9.17	38.10 2.14 -8.88	32.74 1.76 -7.26	27.86 1.74 -4.65	26.91 1.44 -5.94
CANDIGU_WT_PWR 323617	18.12 -0.16 -0.04	16.44 -0.37 -0.15	15.72 -0.30 -0.09	15.31 -0.18 -0.04	15.76 -0.16 -0.02	16.86 -0.07 0.00	19.46 0.15 0.00	20.30 -0.14 -0.19	20.99 0.00 -0.31	21.80 -0.04 -0.18	21.22 -0.06 -0.46	21.35 -0.08 -0.46	22.27 -0.11 -0.29	23.07 -0.09 0.00	24.27 -0.02 0.00	25.64 0.08 0.00	28.69 -0.03 0.00	32.05 -0.06 0.00	29.79 0.09 -0.23	29.05 0.06 -0.11	27.16 0.08 0.00	23.91 0.19 0.00	21.77 0.30 0.00	19.87 0.35 0.00
CARR STREET_E__SYR 24060	18.20 -0.05 -0.02	16.59 -0.13 -0.06	15.87 -0.11 -0.04	15.37 -0.11 -0.02	15.77 -0.13 -0.01	16.83 -0.10 0.00	19.26 -0.04 0.00	20.18 -0.14 -0.07	20.66 -0.12 -0.11	21.56 -0.17 -0.07	20.80 -0.19 -0.17	20.95 -0.19 -0.17	22.00 -0.20 -0.10	22.93 -0.23 0.00	24.05 -0.24 0.00	25.36 -0.21 0.00	28.46 -0.26 0.00	31.82 -0.29 0.00	29.32 -0.24 -0.08	28.69 -0.23 -0.04	26.86 -0.22 0.00	23.53 -0.19 0.00	21.32 -0.15 0.00	19.46 -0.06 0.00
CARTHAGE__PAPER 23857	18.63 0.38 -0.01	17.03 0.33 -0.03	16.26 0.30 -0.02	15.76 0.29 -0.01	16.20 0.30 -0.01	17.33 0.41 0.00	19.78 0.48 0.00	20.84 0.59 0.00	21.17 0.50 0.00	22.12 0.46 0.00	21.17 0.35 0.00	21.31 0.33 0.00	22.45 0.35 0.00	23.42 0.26 0.00	24.46 0.17 0.00	25.72 0.15 0.00	28.98 0.26 0.00	32.50 0.39 0.00	30.12 0.65 0.00	29.72 0.84 0.00	28.02 0.95 0.00	24.46 0.74 0.00	21.87 0.41 0.00	19.85 0.33 0.00

CASSADAGA_WT_PWR 323784	18.07 -0.20 -0.03	16.23 -0.55 -0.12	15.55 -0.46 -0.07	15.21 -0.28 -0.03	15.69 -0.22 -0.02	16.84 -0.08 0.00	19.53 0.23 0.00	20.35 -0.06 -0.15	21.17 0.25 -0.25	22.11 0.30 -0.15	21.46 0.27 -0.37	21.60 0.25 -0.37	22.63 0.31 -0.23	23.53 0.37 0.00	24.70 0.41 0.00	26.11 0.54 0.00	28.95 0.23 0.00	31.99 -0.13 0.00	29.75 0.09 -0.19	28.97 0.00 -0.09	27.02 -0.05 0.00	23.91 0.19 0.00	21.90 0.43 0.00	20.03 0.51 0.00
CE_DUNWOOD___DRP 24194	19.49 1.08 -0.17	18.25 0.93 -0.65	17.20 0.88 -0.38	16.48 0.85 -0.17	16.87 0.87 -0.11	17.86 0.93 0.00	20.38 1.08 0.00	22.32 1.26 -0.81	23.36 1.34 -1.34	23.90 1.45 -0.79	24.25 1.44 -2.00	24.44 1.49 -1.98	24.92 1.59 -1.23	25.01 1.85 0.00	26.19 1.89 0.00	27.56 1.99 0.00	30.93 2.21 0.00	34.59 2.47 0.00	32.56 2.09 -1.00	31.27 1.91 -0.48	28.83 1.76 0.00	25.17 1.45 0.00	22.86 1.40 0.00	20.60 1.07 0.00
CE_MILLWOOD___DRP 24193	19.45 1.04 -0.17	18.22 0.90 -0.65	17.17 0.84 -0.38	16.45 0.82 -0.17	16.84 0.84 -0.11	17.82 0.90 0.00	20.34 1.04 0.00	22.28 1.22 -0.80	23.29 1.28 -1.34	23.83 1.39 -0.78	24.20 1.39 -1.99	24.37 1.43 -1.98	24.85 1.52 -1.23	24.94 1.78 0.00	26.11 1.82 0.00	27.48 1.92 0.00	30.85 2.13 0.00	34.52 2.41 0.00	32.47 2.00 -0.99	31.21 1.85 -0.48	28.78 1.71 0.00	25.12 1.40 0.00	22.82 1.35 0.00	20.58 1.05 0.00
CE_NYC2_DRP 24202	19.66 1.24 -0.17	18.39 1.07 -0.66	17.33 1.00 -0.38	16.62 0.99 -0.17	17.00 1.00 -0.11	17.94 1.02 0.00	20.50 1.20 0.00	22.48 1.42 -0.81	23.51 1.49 -1.35	24.08 1.62 -0.79	24.46 1.64 -2.00	24.66 1.70 -1.99	25.16 1.83 -1.23	25.32 2.15 -0.01	26.45 2.16 0.00	27.82 2.25 0.00	31.26 2.53 -0.01	34.95 2.83 -0.01	32.86 2.39 -1.01	31.53 2.17 -0.48	29.05 1.98 0.00	25.36 1.64 0.00	23.11 1.63 -0.01	20.75 1.23 0.00
CE_NYC_DRP 24195	19.58 1.17 -0.17	18.32 1.00 -0.66	17.26 0.94 -0.38	16.54 0.91 -0.17	16.95 0.95 -0.11	17.91 0.98 0.00	20.46 1.16 0.00	22.46 1.40 -0.81	23.49 1.47 -1.35	24.05 1.60 -0.79	24.40 1.58 -2.00	24.60 1.64 -1.99	25.10 1.77 -1.23	25.22 2.06 0.00	26.38 2.09 0.00	27.77 2.20 0.00	31.13 2.41 0.00	34.81 2.70 0.00	32.71 2.24 -1.00	31.42 2.05 -0.48	28.97 1.90 0.00	25.29 1.57 0.00	23.01 1.55 0.00	20.67 1.15 0.00
CHAFFEE___LFGE 323603	17.91 -0.36 -0.03	16.11 -0.67 -0.12	15.43 -0.57 -0.07	15.09 -0.40 -0.03	15.55 -0.36 -0.02	16.64 -0.29 0.00	19.24 -0.06 0.00	19.84 -0.57 -0.15	20.59 -0.33 -0.24	21.46 -0.35 -0.14	20.82 -0.35 -0.36	20.93 -0.40 -0.36	21.92 -0.40 -0.22	22.82 -0.35 0.00	24.00 -0.29 0.00	25.31 -0.26 0.00	28.29 -0.43 0.00	31.57 -0.55 0.00	29.36 -0.29 -0.18	28.59 -0.38 -0.09	26.75 -0.32 0.00	23.65 -0.07 0.00	21.68 0.21 0.00	19.85 0.33 0.00
CHATEAUG_35_KV_LOAD 355732	17.93 -0.31 0.00	16.53 -0.13 0.00	15.80 -0.14 0.00	15.34 -0.12 0.00	15.83 -0.06 0.00	16.91 -0.02 0.00	19.24 -0.06 0.00	20.38 0.12 0.00	20.80 0.12 0.00	21.84 0.17 0.00	20.98 0.17 0.00	21.12 0.15 0.00	22.27 0.18 0.00	23.37 0.21 0.00	24.56 0.27 0.00	25.87 0.31 0.00	29.07 0.34 0.00	32.47 0.35 0.00	30.06 0.59 0.00	29.46 0.58 0.00	27.62 0.54 0.00	24.12 0.40 0.00	21.70 0.24 0.00	19.58 0.06 0.00
CHATEAUG_WT_PWR 323614	17.93 -0.31 0.00	16.53 -0.13 0.00	15.80 -0.14 0.00	15.35 -0.11 0.00	15.83 -0.06 0.00	16.91 -0.02 0.00	19.26 -0.04 0.00	20.38 0.12 0.00	20.82 0.15 0.00	21.86 0.19 0.00	21.00 0.19 0.00	21.14 0.17 0.00	22.29 0.20 0.00	23.42 0.26 0.00	24.61 0.31 0.00	25.90 0.33 0.00	29.12 0.40 0.00	32.66 0.55 0.00	30.06 0.59 0.00	29.46 0.58 0.00	27.64 0.57 0.00	24.12 0.40 0.00	21.73 0.26 0.00	19.62 0.10 0.00
CHAT_HIGH_FALL_HYD 323578	17.93 -0.31 0.00	16.53 -0.13 0.00	15.80 -0.14 0.00	15.34 -0.12 0.00	15.83 -0.06 0.00	16.91 -0.02 0.00	19.24 -0.06 0.00	20.38 0.12 0.00	20.80 0.12 0.00	21.84 0.17 0.00	20.98 0.17 0.00	21.12 0.15 0.00	22.27 0.18 0.00	23.39 0.23 0.00	24.56 0.27 0.00	25.85 0.28 0.00	29.07 0.35 0.00	32.60 0.48 0.00	30.06 0.59 0.00	29.46 0.58 0.00	27.64 0.57 0.00	24.12 0.40 0.00	21.70 0.24 0.00	19.58 0.06 0.00
CHAUTAUQUA___LFGE 323629	18.16 -0.11 -0.03	16.35 -0.43 -0.12	15.66 -0.35 -0.07	15.29 -0.20 -0.03	15.75 -0.16 -0.02	16.88 -0.05 0.00	19.57 0.27 0.00	20.30 -0.10 -0.15	21.08 0.16 -0.25	22.00 0.19 -0.14	21.39 0.21 -0.36	21.50 0.17 -0.36	22.52 0.20 -0.23	23.44 0.28 0.00	24.63 0.34 0.00	26.03 0.46 0.00	28.95 0.23 0.00	32.15 0.03 0.00	29.83 0.18 -0.18	29.06 0.09 -0.09	27.16 0.08 0.00	24.03 0.31 0.00	21.98 0.51 0.00	20.13 0.61 0.00
CHERRYST_13_KV_LD 356241	19.61 1.20 -0.17	18.37 1.05 -0.66	17.31 0.99 -0.38	16.59 0.96 -0.17	16.98 0.99 -0.11	17.96 1.03 0.00	20.54 1.24 0.00	22.52 1.46 -0.81	23.57 1.55 -1.35	24.14 1.69 -0.79	24.48 1.67 -2.00	24.68 1.72 -1.99	25.18 1.86 -1.23	25.34 2.18 0.00	26.48 2.19 0.00	27.87 2.30 0.00	31.25 2.53 0.00	34.97 2.86 0.00	32.82 2.36 -1.00	31.50 2.14 -0.48	29.05 1.98 0.00	25.36 1.64 0.00	23.08 1.61 0.00	20.73 1.21 0.00
CHESTROR_138KV_BK263 355645	19.26 0.86 -0.15	18.03 0.75 -0.61	17.00 0.70 -0.36	16.30 0.68 -0.15	16.69 0.70 -0.10	17.67 0.74 0.00	20.17 0.87 0.00	22.00 0.99 -0.75	22.98 1.05 -1.25	23.52 1.13 -0.73	23.80 1.12 -1.86	23.97 1.15 -1.85	24.48 1.24 -1.15	24.62 1.46 0.00	25.80 1.51 0.00	27.15 1.59 0.00	30.50 1.78 0.00	34.11 1.99 0.00	32.08 1.68 -0.93	30.89 1.56 -0.45	28.48 1.41 0.00	24.91 1.19 0.00	22.58 1.12 0.00	20.40 0.88 0.00
CH_MIDHUDSON___DRP 24192	19.47 1.06 -0.17	18.27 0.93 -0.67	17.21 0.88 -0.39	16.48 0.85 -0.17	16.87 0.87 -0.11	17.84 0.91 0.00	20.36 1.06 0.00	22.28 1.20 -0.83	23.30 1.24 -1.39	23.82 1.34 -0.81	24.19 1.31 -2.06	24.36 1.34 -2.04	24.80 1.44 -1.27	24.87 1.71 0.00	26.02 1.72 0.00	27.38 1.82 0.00	30.76 2.04 0.00	34.43 2.31 0.00	32.47 1.97 -1.03	31.20 1.82 -0.50	28.75 1.68 0.00	25.10 1.38 0.00	22.78 1.31 0.00	20.60 1.07 0.00
CH_MISC_IPPS 23765	19.54 1.13 -0.17	18.30 0.98 -0.66	17.25 0.92 -0.38	16.52 0.90 -0.17	16.94 0.94 -0.11	17.91 0.98 0.00	20.44 1.14 0.00	22.35 1.28 -0.81	23.37 1.34 -1.35	23.86 1.41 -0.79	24.24 1.42 -2.01	24.40 1.43 -2.00	24.86 1.52 -1.24	24.87 1.71 0.00	26.14 1.85 0.00	27.54 1.97 0.00	30.96 2.24 0.00	34.55 2.44 0.00	32.60 2.12 -1.00	31.33 1.96 -0.49	28.86 1.79 0.00	25.26 1.54 0.00	22.88 1.42 0.00	20.65 1.13 0.00
CH_RES_BVR_FALLS 23983	17.84 -0.40 0.00	16.38 -0.28 0.00	15.65 -0.29 0.00	15.17 -0.29 0.00	15.59 -0.30 0.00	16.60 -0.32 0.00	18.90 -0.41 0.00	19.93 -0.32 0.00	20.36 -0.31 0.00	21.36 -0.30 0.00	20.53 -0.29 0.00	20.70 -0.27 0.00	21.81 -0.29 0.00	22.86 -0.30 0.00	23.97 -0.32 0.00	25.23 -0.33 0.00	28.41 -0.32 0.00	31.79 -0.32 0.00	29.20 -0.27 0.00	28.65 -0.23 0.00	26.86 -0.22 0.00	23.53 -0.19 0.00	21.27 -0.19 0.00	19.29 -0.23 0.00

CH_RES_NIAGARA 23895	17.23 -1.04 -0.03	15.54 -1.23 -0.10	14.90 -1.10 -0.06	14.47 -1.02 -0.03	14.78 -1.13 -0.02	15.79 -1.13 0.00	18.24 -1.06 0.00	18.70 -1.66 -0.10	19.45 -1.41 -0.18	20.29 -1.47 -0.10	19.64 -1.46 -0.28	19.77 -1.49 -0.28	20.65 -1.61 -0.17	21.56 -1.58 0.02	22.62 -1.65 0.02	23.88 -1.66 0.02	26.72 -1.98 0.02	29.78 -2.31 0.02	27.69 -1.92 -0.13	27.00 -1.93 -0.05	25.26 -1.79 0.02	22.35 -1.35 0.02	20.50 -0.94 0.02	18.86 -0.64 0.02
CH_RES_SYRACUSE 23985	18.30 0.04 -0.02	16.70 -0.03 -0.07	15.95 -0.03 -0.04	15.45 -0.03 -0.02	15.87 -0.03 -0.01	16.91 -0.02 0.00	19.36 0.06 0.00	20.31 -0.02 -0.08	20.78 -0.02 -0.13	21.65 -0.09 -0.08	20.91 -0.10 -0.19	21.06 -0.10 -0.19	22.10 -0.11 -0.12	23.02 -0.14 0.00	24.19 -0.10 0.00	25.52 -0.05 0.00	28.64 -0.09 0.00	32.05 -0.06 0.00	29.51 -0.06 -0.10	28.87 -0.06 -0.05	27.02 -0.05 0.00	23.67 -0.05 0.00	21.45 -0.02 0.00	19.58 0.06 0.00
CLINTON_WT_PWR 323605	17.93 -0.31 0.00	16.53 -0.13 0.00	15.80 -0.14 0.00	15.35 -0.11 0.00	15.83 -0.06 0.00	16.91 -0.02 0.00	19.26 -0.04 0.00	20.38 0.12 0.00	20.82 0.15 0.00	21.86 0.19 0.00	21.00 0.19 0.00	21.14 0.17 0.00	22.29 0.20 0.00	23.42 0.26 0.00	24.61 0.31 0.00	25.90 0.33 0.00	29.12 0.40 0.00	32.66 0.55 0.00	30.06 0.59 0.00	29.46 0.58 0.00	27.64 0.57 0.00	24.12 0.40 0.00	21.73 0.26 0.00	19.62 0.10 0.00
CLINTON___LFGE 323618	18.10 -0.15 0.00	16.68 0.02 0.00	15.96 0.02 0.00	15.49 0.03 0.00	15.97 0.08 0.00	17.08 0.15 0.00	19.46 0.15 0.00	20.58 0.32 0.00	21.02 0.35 0.00	22.07 0.41 0.00	21.19 0.38 0.00	21.35 0.38 0.00	22.51 0.42 0.00	23.65 0.49 0.00	24.85 0.56 0.00	26.16 0.59 0.00	29.44 0.72 0.00	33.05 0.93 0.00	30.47 1.00 0.00	29.83 0.95 0.00	27.99 0.92 0.00	24.38 0.66 0.00	21.94 0.47 0.00	19.80 0.27 0.00
COBBLENY_34_KV_TB1 80064	17.91 -0.36 -0.03	16.11 -0.67 -0.12	15.43 -0.57 -0.07	15.09 -0.40 -0.03	15.54 -0.37 -0.02	16.64 -0.29 0.00	19.24 -0.06 0.00	19.84 -0.57 -0.15	20.59 -0.33 -0.24	21.46 -0.35 -0.14	20.82 -0.35 -0.36	20.93 -0.40 -0.36	21.94 -0.38 -0.22	22.63 -0.53 0.00	24.02 -0.27 0.00	25.34 -0.23 0.00	28.15 -0.57 0.00	31.47 -0.64 0.00	29.00 -0.65 -0.18	28.42 -0.55 -0.09	26.67 -0.41 0.00	23.65 -0.07 0.00	21.66 0.19 0.00	19.87 0.35 0.00
COFFEEN___115KV_TB3 355620	18.80 0.55 -0.01	17.15 0.45 -0.04	16.38 0.41 -0.02	15.87 0.40 -0.01	16.31 0.41 -0.01	17.47 0.54 0.00	19.98 0.68 0.00	21.01 0.75 0.00	21.31 0.64 0.00	22.25 0.58 0.00	21.30 0.48 0.00	21.41 0.44 0.00	22.56 0.46 0.00	23.49 0.32 0.00	24.56 0.27 0.00	25.82 0.26 0.00	29.21 0.49 0.00	32.76 0.64 0.00	30.38 0.91 0.00	30.07 1.18 0.00	28.32 1.25 0.00	24.69 0.97 0.00	22.03 0.56 0.00	20.03 0.51 0.00
COLDSPRG_115KV_BK1 355956	18.13 -0.15 -0.03	16.27 -0.52 -0.12	15.57 -0.45 -0.07	15.28 -0.22 -0.03	15.82 -0.10 -0.02	16.99 0.07 0.00	19.71 0.41 0.00	20.47 0.06 -0.16	21.25 0.31 -0.26	22.16 0.35 -0.15	21.52 0.31 -0.39	21.65 0.29 -0.38	22.69 0.35 -0.24	23.39 0.23 0.00	24.83 0.53 0.00	26.23 0.66 0.00	28.95 0.23 0.00	32.18 0.06 0.00	29.69 0.03 -0.19	29.06 0.09 -0.09	27.21 0.14 0.00	24.17 0.45 0.00	22.09 0.62 0.00	20.23 0.70 0.00
COLONIE_LFGE___ 323577	19.44 0.98 -0.21	18.35 0.87 -0.82	17.25 0.83 -0.48	16.49 0.82 -0.21	16.87 0.84 -0.13	17.81 0.88 0.00	20.44 1.06 -0.07	29.93 1.09 -8.58	33.02 1.14 -11.21	34.68 1.19 -11.82	37.78 1.14 -15.82	38.03 1.15 -15.91	36.56 1.21 -13.25	30.26 1.30 -5.81	31.28 1.36 -5.63	30.63 1.38 -3.69	37.62 1.55 -7.35	41.84 1.70 -8.03	43.62 1.53 -12.62	31.58 1.44 -1.26	28.43 1.35 0.00	24.93 1.21 0.00	22.54 1.07 0.00	20.48 0.96 0.00
COOPERNY_115KV_TB1 80082	18.99 0.62 -0.13	17.71 0.55 -0.50	16.74 0.51 -0.29	16.08 0.49 -0.13	16.48 0.51 -0.08	17.47 0.54 0.00	19.94 0.64 0.00	21.58 0.71 -0.62	22.46 0.76 -1.03	23.09 0.82 -0.60	23.17 0.83 -1.52	23.33 0.84 -1.51	23.94 0.91 -0.94	24.23 1.07 0.00	25.38 1.09 0.00	26.72 1.15 0.00	30.04 1.32 0.00	33.59 1.48 0.00	31.47 1.24 -0.76	30.41 1.16 -0.37	28.13 1.06 0.00	24.60 0.88 0.00	22.28 0.82 0.00	20.17 0.64 0.00
COPENHAGEN_WT_PWR 323753	18.64 0.38 -0.01	17.02 0.32 -0.04	16.25 0.29 -0.02	15.75 0.28 -0.01	16.18 0.29 -0.01	17.32 0.39 0.00	19.78 0.48 0.00	20.78 0.53 0.00	21.13 0.45 0.00	22.07 0.41 0.00	21.13 0.31 0.00	21.27 0.29 0.00	22.40 0.31 0.00	23.35 0.18 0.00	24.41 0.12 0.00	25.67 0.10 0.00	28.95 0.23 0.00	32.50 0.39 0.00	30.09 0.62 0.00	29.72 0.84 0.00	27.97 0.89 0.00	24.43 0.71 0.00	21.85 0.39 0.00	19.87 0.35 0.00
CORNELL_____ 23752	18.68 0.40 -0.04	17.08 0.27 -0.15	16.27 0.24 -0.09	15.76 0.26 -0.04	16.20 0.29 -0.02	17.28 0.36 0.00	19.82 0.52 0.00	20.90 0.45 -0.20	21.44 0.43 -0.33	22.18 0.32 -0.19	21.62 0.31 -0.49	21.73 0.27 -0.48	22.66 0.27 -0.30	23.39 0.23 0.00	24.58 0.29 0.00	26.00 0.43 0.00	29.30 0.57 0.00	32.76 0.64 0.00	30.36 0.65 -0.24	29.69 0.69 -0.12	27.72 0.65 0.00	24.31 0.59 0.00	21.96 0.49 0.00	20.01 0.49 0.00
CORONA_AV_69_KV_TB1 355595	29.68 1.48 -9.96	29.57 1.28 -11.62	20.61 1.21 -3.46	20.14 1.19 -3.49	21.20 1.22 -4.08	20.26 1.29 -2.05	29.60 1.51 -8.79	30.11 1.70 -8.16	30.11 1.82 -7.62	30.68 1.95 -7.07	30.81 1.87 -8.12	28.67 1.91 -5.79	28.72 1.99 -4.63	35.21 2.32 -9.73	35.11 2.40 -8.42	42.06 2.48 -14.01	45.99 2.70 -14.57	51.41 3.05 -16.24	53.12 2.62 -21.03	40.48 2.43 -9.17	38.26 2.30 -8.89	32.91 1.92 -7.26	27.99 1.87 -4.65	26.98 1.52 -5.94
CORTLAND_115KV_TB3 80093	18.53 0.26 -0.03	16.92 0.13 -0.12	16.14 0.13 -0.07	15.65 0.15 -0.03	16.07 0.16 -0.02	17.15 0.22 0.00	19.65 0.35 0.00	20.69 0.28 -0.15	21.22 0.29 -0.25	22.05 0.24 -0.15	21.40 0.21 -0.37	21.53 0.19 -0.37	22.52 0.20 -0.23	23.32 0.16 0.00	24.53 0.24 0.00	25.87 0.31 0.00	29.12 0.40 0.00	32.56 0.45 0.00	30.07 0.41 -0.19	29.41 0.43 -0.09	27.48 0.41 0.00	24.10 0.38 0.00	21.77 0.30 0.00	19.85 0.33 0.00
COXSACKIE___GT 23611	19.79 1.35 -0.19	18.48 1.05 -0.77	17.44 1.05 -0.45	16.75 1.10 -0.19	17.18 1.16 -0.13	18.16 1.23 0.00	20.69 1.41 0.02	21.18 1.60 0.67	21.81 1.61 0.48	21.09 1.58 2.15	21.84 1.44 0.42	21.94 1.45 0.48	22.08 1.48 1.49	22.72 1.62 2.06	23.99 1.70 2.00	26.05 1.79 1.31	28.18 2.07 2.61	31.58 2.31 2.85	29.89 2.30 1.88	31.63 1.96 -0.78	28.94 1.87 0.00	25.43 1.71 0.00	22.84 1.38 0.00	20.69 1.17 0.00
CPV_VALLEY___CC1 323721	19.10 0.71 -0.14	17.85 0.62 -0.57	16.85 0.57 -0.33	16.16 0.56 -0.14	16.56 0.57 -0.09	17.53 0.61 0.00	20.02 0.71 0.00	21.79 0.83 -0.70	22.73 0.89 -1.17	23.30 0.95 -0.68	23.53 0.98 -1.74	23.68 0.99 -1.72	24.23 1.06 -1.07	24.36 1.20 0.00	25.55 1.26 0.00	26.92 1.35 0.00	30.21 1.49 0.00	33.72 1.61 0.00	31.66 1.33 -0.87	30.54 1.24 -0.42	28.21 1.14 0.00	24.69 0.97 0.00	22.41 0.94 0.00	20.25 0.72 0.00

CPV_VALLEY__CC2 323722	19.10 0.71 -0.14	17.85 0.62 -0.57	16.85 0.57 -0.33	16.16 0.56 -0.14	16.56 0.57 -0.09	17.53 0.61 0.00	20.02 0.71 0.00	21.79 0.83 -0.70	22.73 0.89 -1.17	23.30 0.95 -0.68	23.53 0.98 -1.74	23.68 0.99 -1.72	24.23 1.06 -1.07	24.36 1.20 0.00	25.55 1.26 0.00	26.92 1.35 0.00	30.21 1.49 0.00	33.72 1.61 0.00	31.66 1.33 -0.87	30.54 1.24 -0.42	28.21 1.14 0.00	24.69 0.97 0.00	22.41 0.94 0.00	20.25 0.72 0.00
CRESCENT__HYD 24018	19.44 0.98 -0.21	18.35 0.87 -0.82	17.25 0.83 -0.48	16.49 0.82 -0.21	16.87 0.84 -0.13	17.81 0.88 0.00	20.44 1.06 -0.07	29.93 1.09 -8.58	33.02 1.14 -11.21	34.68 1.19 -11.82	37.78 1.14 -15.82	38.03 1.15 -15.91	36.56 1.21 -13.25	30.26 1.30 -5.81	31.28 1.36 -5.63	30.63 1.38 -3.69	37.62 1.55 -7.35	41.84 1.70 -8.03	43.62 1.53 -12.62	31.58 1.44 -1.26	28.43 1.35 0.00	24.93 1.21 0.00	22.54 1.07 0.00	20.48 0.96 0.00
CRICKET__VALLEY_CC1 323756	19.33 0.91 -0.17	18.17 0.82 -0.69	17.12 0.78 -0.40	16.39 0.76 -0.17	16.78 0.78 -0.11	17.74 0.81 0.00	20.25 0.95 0.00	22.37 1.01 -1.10	23.16 1.03 -1.46	23.64 1.13 -0.85	24.08 1.10 -2.16	24.23 1.11 -2.15	24.64 1.21 -1.33	24.48 1.32 0.00	25.70 1.41 0.00	27.00 1.43 0.00	30.27 1.55 0.00	33.78 1.67 0.00	31.90 1.36 -1.08	30.73 1.33 -0.52	28.32 1.25 0.00	24.79 1.07 0.00	22.54 1.07 0.00	20.46 0.94 0.00
CRICKET__VALLEY_CC2 323757	19.33 0.91 -0.17	18.17 0.82 -0.69	17.12 0.78 -0.40	16.39 0.76 -0.17	16.78 0.78 -0.11	17.74 0.81 0.00	20.25 0.95 0.00	22.37 1.01 -1.10	23.16 1.03 -1.46	23.64 1.13 -0.85	24.08 1.10 -2.16	24.23 1.11 -2.15	24.64 1.21 -1.33	24.48 1.32 0.00	25.70 1.41 0.00	27.00 1.43 0.00	30.27 1.55 0.00	33.78 1.67 0.00	31.90 1.36 -1.08	30.73 1.33 -0.52	28.32 1.25 0.00	24.79 1.07 0.00	22.54 1.07 0.00	20.46 0.94 0.00
CRICKET__VALLEY_CC3 323758	19.33 0.91 -0.17	18.17 0.82 -0.69	17.12 0.78 -0.40	16.39 0.76 -0.17	16.78 0.78 -0.11	17.74 0.81 0.00	20.25 0.95 0.00	22.37 1.01 -1.10	23.16 1.03 -1.46	23.64 1.13 -0.85	24.08 1.10 -2.16	24.23 1.11 -2.15	24.64 1.21 -1.33	24.48 1.32 0.00	25.70 1.41 0.00	27.00 1.43 0.00	30.27 1.55 0.00	33.78 1.67 0.00	31.90 1.36 -1.08	30.73 1.33 -0.52	28.32 1.25 0.00	24.79 1.07 0.00	22.54 1.07 0.00	20.46 0.94 0.00
CRUCIBLE_METL_DRP 24180	18.30 0.04 -0.02	16.70 -0.03 -0.07	15.95 -0.03 -0.04	15.45 -0.03 -0.02	15.87 -0.03 -0.01	16.91 -0.02 0.00	19.38 0.08 0.00	20.31 -0.02 -0.08	20.78 -0.02 -0.13	21.65 -0.09 -0.08	20.91 -0.10 -0.19	21.06 -0.10 -0.19	22.10 -0.11 -0.12	23.00 -0.16 0.00	24.19 -0.10 0.00	25.52 -0.05 0.00	28.69 -0.03 0.00	32.02 -0.10 0.00	29.48 -0.09 -0.10	28.84 -0.09 -0.05	27.02 -0.05 0.00	23.67 -0.05 0.00	21.42 -0.04 0.00	19.58 0.06 0.00
DAHOWA__HYDRO 323763	19.97 1.51 -0.21	18.80 1.30 -0.84	17.66 1.23 -0.49	16.88 1.21 -0.21	17.28 1.26 -0.14	18.26 1.34 0.00	20.88 1.54 -0.04	27.55 1.62 -5.67	30.47 1.65 -8.14	30.96 1.69 -7.61	34.06 1.60 -11.64	34.24 1.59 -11.67	32.80 1.63 -9.07	28.01 1.71 -3.14	29.05 1.72 -3.04	29.45 1.89 -1.99	34.87 2.18 -3.97	38.99 2.54 -4.34	40.22 2.39 -8.36	32.66 2.37 -1.41	29.32 2.25 0.00	25.71 1.99 0.00	23.14 1.68 0.00	20.99 1.46 0.00
DANC__LFGE 323619	18.42 0.16 -0.01	16.81 0.10 -0.04	16.06 0.10 -0.03	15.57 0.09 -0.01	15.99 0.10 -0.01	17.08 0.15 0.00	19.53 0.23 0.00	20.48 0.22 0.00	20.84 0.16 0.00	21.77 0.11 0.00	20.86 0.04 0.00	21.02 0.04 0.00	22.12 0.02 0.00	23.11 -0.05 0.00	24.19 -0.10 0.00	25.44 -0.13 0.00	28.61 -0.11 0.00	32.08 -0.03 0.00	29.62 0.15 0.00	29.17 0.29 0.00	27.42 0.35 0.00	24.01 0.29 0.00	21.57 0.11 0.00	19.66 0.14 0.00
DANSKAMMER__1 23586	19.54 1.13 -0.17	18.30 0.98 -0.66	17.25 0.92 -0.38	16.52 0.90 -0.17	16.94 0.94 -0.11	17.91 0.98 0.00	20.44 1.14 0.00	22.35 1.28 -0.81	23.37 1.34 -1.35	23.86 1.41 -0.79	24.24 1.42 -2.01	24.40 1.43 -2.00	24.86 1.52 -1.24	24.87 1.71 0.00	26.14 1.85 0.00	27.54 1.97 0.00	30.96 2.24 0.00	34.55 2.44 0.00	32.60 2.12 -1.00	31.33 1.96 -0.49	28.86 1.79 0.00	25.26 1.54 0.00	22.88 1.42 0.00	20.65 1.13 0.00
DANSKAMMER__2 23589	19.54 1.13 -0.17	18.30 0.98 -0.66	17.25 0.92 -0.38	16.52 0.90 -0.17	16.94 0.94 -0.11	17.91 0.98 0.00	20.44 1.14 0.00	22.35 1.28 -0.81	23.37 1.34 -1.35	23.86 1.41 -0.79	24.24 1.42 -2.01	24.40 1.43 -2.00	24.86 1.52 -1.24	24.87 1.71 0.00	26.14 1.85 0.00	27.54 1.97 0.00	30.96 2.24 0.00	34.55 2.44 0.00	32.60 2.12 -1.00	31.33 1.96 -0.49	28.86 1.79 0.00	25.26 1.54 0.00	22.88 1.42 0.00	20.65 1.13 0.00
DANSKAMMER__3 23590	19.54 1.13 -0.17	18.30 0.98 -0.66	17.25 0.92 -0.38	16.52 0.90 -0.17	16.94 0.94 -0.11	17.91 0.98 0.00	20.44 1.14 0.00	22.35 1.28 -0.81	23.37 1.34 -1.35	23.86 1.41 -0.79	24.24 1.42 -2.01	24.40 1.43 -2.00	24.86 1.52 -1.24	24.87 1.71 0.00	26.14 1.85 0.00	27.54 1.97 0.00	30.96 2.24 0.00	34.55 2.44 0.00	32.60 2.12 -1.00	31.33 1.96 -0.49	28.86 1.79 0.00	25.26 1.54 0.00	22.88 1.42 0.00	20.65 1.13 0.00
DANSKAMMER__4 23591	19.54 1.13 -0.17	18.30 0.98 -0.66	17.25 0.92 -0.38	16.52 0.90 -0.17	16.94 0.94 -0.11	17.91 0.98 0.00	20.44 1.14 0.00	22.35 1.28 -0.81	23.37 1.34 -1.35	23.86 1.41 -0.79	24.24 1.42 -2.01	24.40 1.43 -2.00	24.86 1.52 -1.24	24.87 1.71 0.00	26.14 1.85 0.00	27.54 1.97 0.00	30.96 2.24 0.00	34.55 2.44 0.00	32.60 2.12 -1.00	31.33 1.96 -0.49	28.86 1.79 0.00	25.26 1.54 0.00	22.88 1.42 0.00	20.65 1.13 0.00
DANSKAMMER__DIESEL 23592	19.54 1.13 -0.17	18.30 0.98 -0.66	17.25 0.92 -0.38	16.52 0.90 -0.17	16.94 0.94 -0.11	17.91 0.98 0.00	20.44 1.14 0.00	22.35 1.28 -0.81	23.37 1.34 -1.35	23.89 1.43 -0.79	24.24 1.42 -2.01	24.40 1.43 -2.00	24.86 1.52 -1.24	24.97 1.81 0.00	26.16 1.87 0.00	27.56 1.99 0.00	30.99 2.27 0.00	34.65 2.54 0.00	32.68 2.21 -1.00	31.39 2.02 -0.49	28.94 1.87 0.00	25.26 1.54 0.00	22.88 1.42 0.00	20.66 1.13 0.00
DARBY__SOLAR 323810	19.86 1.40 -0.21	18.72 1.22 -0.83	17.58 1.15 -0.49	16.80 1.13 -0.21	17.19 1.16 -0.14	18.18 1.25 0.00	20.79 1.45 -0.04	27.83 1.52 -6.06	30.77 1.55 -8.55	31.40 1.58 -8.16	34.53 1.52 -12.19	34.71 1.51 -12.23	33.28 1.57 -9.62	28.29 1.64 -3.48	29.34 1.67 -3.38	29.59 1.82 -2.21	35.20 2.07 -4.41	39.31 2.38 -4.82	40.63 2.24 -8.92	32.44 2.17 -1.39	29.13 2.06 0.00	25.55 1.83 0.00	23.01 1.55 0.00	20.89 1.37 0.00
DASHVILLE__HYD 23610	19.25 0.84 -0.17	17.93 0.58 -0.68	16.88 0.54 -0.40	16.31 0.68 -0.17	16.70 0.70 -0.11	17.62 0.69 0.00	20.20 0.91 0.01	21.78 1.11 -0.40	22.68 1.18 -0.83	22.90 1.26 0.02	23.39 1.27 -1.30	23.53 1.28 -1.28	23.91 1.35 -0.47	24.27 1.67 0.56	25.48 1.72 0.54	27.05 1.84 0.35	30.14 2.13 0.70	33.72 2.38 0.77	31.70 2.03 -2.02	30.79 1.36 -0.55	28.48 1.41 0.00	24.86 1.14 0.00	22.54 1.07 0.00	20.38 0.86 0.00

DEERFIELD_69_KV_DEERFIELD LD 355887	29.93 1.73 -9.96	29.80 1.52 -11.62	20.87 1.47 -3.46	20.36 1.41 -3.49	21.42 1.45 -4.08	20.52 1.54 -2.05	29.88 1.80 -8.79	30.44 2.03 -8.16	30.55 2.25 -7.62	31.13 2.40 -7.07	31.25 2.31 -8.12	29.07 2.31 -5.79	29.14 2.41 -4.63	35.71 2.83 -9.73	35.57 2.87 -8.42	42.59 3.02 -14.01	46.65 3.36 -14.57	52.15 3.79 -16.24	53.80 3.30 -21.03	41.17 3.12 -9.17	38.78 2.82 -8.89	33.17 2.18 -7.26	28.38 2.25 -4.65	27.34 1.87 -5.94
DELAWARE___LFGE 323621	18.90 0.58 -0.07	17.45 0.52 -0.27	16.58 0.48 -0.16	16.01 0.48 -0.07	16.44 0.51 -0.04	17.47 0.54 0.00	19.96 0.66 0.00	21.53 0.69 -0.59	22.38 0.70 -1.00	22.96 0.71 -0.59	23.01 0.71 -1.49	23.16 0.71 -1.48	23.76 0.75 -0.92	23.97 0.81 0.00	25.16 0.87 0.00	26.51 0.95 0.00	29.81 1.09 0.00	33.33 1.22 0.00	31.33 1.12 -0.74	30.34 1.10 -0.36	28.10 1.03 0.00	24.58 0.85 0.00	22.22 0.75 0.00	20.17 0.64 0.00
DERFIELD_115KV_TB7 355931	18.30 0.05 0.00	16.71 0.05 0.00	15.99 0.05 0.00	15.51 0.05 0.00	15.94 0.05 0.00	16.98 0.05 0.00	19.36 0.06 0.00	20.30 0.04 0.00	20.72 0.04 0.00	21.71 0.04 0.00	20.86 0.04 0.00	21.02 0.04 0.00	22.14 0.04 0.00	23.21 0.05 0.00	24.34 0.05 0.00	25.62 0.05 0.00	28.78 0.06 0.00	32.21 0.10 0.00	29.56 0.09 0.00	28.97 0.09 0.00	27.15 0.08 0.00	23.79 0.07 0.00	21.53 0.06 0.00	19.58 0.06 0.00
DOGLEVILLE___HYD 23807	17.93 -0.31 0.00	16.43 -0.23 0.00	15.75 -0.19 0.00	15.26 -0.20 0.00	15.67 -0.22 0.00	16.69 -0.24 0.00	19.09 -0.21 0.00	20.05 -0.20 0.00	20.47 -0.21 0.00	21.47 -0.20 0.00	20.63 -0.19 0.00	20.76 -0.21 0.00	21.90 -0.20 0.00	22.95 -0.21 0.00	24.07 -0.22 0.00	25.36 -0.21 0.00	28.49 -0.23 0.00	31.92 -0.19 0.00	29.32 -0.15 0.00	28.80 -0.09 0.00	26.99 -0.08 0.00	23.67 -0.05 0.00	21.38 -0.09 0.00	19.45 -0.08 0.00
DUNKIRK___115KV_TB_200 55889	18.16 -0.11 -0.03	16.35 -0.43 -0.12	15.66 -0.35 -0.07	15.28 -0.22 -0.03	15.74 -0.17 -0.02	16.88 -0.05 0.00	19.55 0.25 0.00	20.28 -0.12 -0.15	21.06 0.14 -0.25	21.98 0.17 -0.14	21.35 0.17 -0.36	21.48 0.15 -0.36	22.50 0.18 -0.23	23.21 0.05 0.00	24.63 0.34 0.00	26.03 0.46 0.00	28.81 0.09 0.00	32.02 -0.10 0.00	29.50 -0.15 -0.18	28.88 -0.09 -0.09	27.05 -0.03 0.00	24.01 0.28 0.00	21.98 0.52 0.00	20.11 0.59 0.00
DUNKIRK___1 23563	18.16 -0.11 -0.03	16.35 -0.43 -0.12	15.66 -0.35 -0.07	15.28 -0.22 -0.03	15.74 -0.17 -0.02	16.88 -0.05 0.00	19.55 0.25 0.00	20.28 -0.12 -0.15	21.06 0.14 -0.25	21.98 0.17 -0.14	21.35 0.17 -0.36	21.48 0.15 -0.36	22.50 0.18 -0.23	23.21 0.05 0.00	24.63 0.34 0.00	26.03 0.46 0.00	28.81 0.09 0.00	32.02 -0.10 0.00	29.50 -0.15 -0.18	28.88 -0.09 -0.09	27.05 -0.03 0.00	24.01 0.28 0.00	21.98 0.52 0.00	20.11 0.59 0.00
DUNKIRK___2 23564	18.16 -0.11 -0.03	16.35 -0.43 -0.12	15.66 -0.35 -0.07	15.28 -0.22 -0.03	15.74 -0.17 -0.02	16.88 -0.05 0.00	19.55 0.25 0.00	20.28 -0.12 -0.15	21.06 0.14 -0.25	21.98 0.17 -0.14	21.35 0.17 -0.36	21.48 0.15 -0.36	22.50 0.18 -0.23	23.21 0.05 0.00	24.63 0.34 0.00	26.03 0.46 0.00	28.81 0.09 0.00	32.02 -0.10 0.00	29.50 -0.15 -0.18	28.88 -0.09 -0.09	27.05 -0.03 0.00	24.01 0.28 0.00	21.98 0.52 0.00	20.11 0.59 0.00
DUNKIRK___3 23565	18.07 -0.20 -0.03	16.28 -0.50 -0.12	15.58 -0.43 -0.07	15.21 -0.28 -0.03	15.67 -0.24 -0.02	16.79 -0.14 0.00	19.44 0.14 0.00	20.14 -0.26 -0.15	20.90 -0.02 -0.25	21.81 0.00 -0.14	21.18 0.00 -0.36	21.29 -0.04 -0.36	22.30 -0.02 -0.22	23.02 -0.14 0.00	24.44 0.15 0.00	25.80 0.23 0.00	28.58 -0.14 0.00	31.83 -0.29 0.00	29.33 -0.32 -0.18	28.71 -0.26 -0.09	26.89 -0.19 0.00	23.87 0.14 0.00	21.85 0.39 0.00	20.01 0.49 0.00
DUNKIRK___4 23566	18.07 -0.20 -0.03	16.28 -0.50 -0.12	15.58 -0.43 -0.07	15.21 -0.28 -0.03	15.67 -0.24 -0.02	16.79 -0.14 0.00	19.44 0.14 0.00	20.14 -0.26 -0.15	20.90 -0.02 -0.25	21.81 0.00 -0.14	21.18 0.00 -0.36	21.29 -0.04 -0.36	22.30 -0.02 -0.22	23.02 -0.14 0.00	24.44 0.15 0.00	25.80 0.23 0.00	28.58 -0.14 0.00	31.83 -0.29 0.00	29.33 -0.32 -0.18	28.71 -0.26 -0.09	26.89 -0.19 0.00	23.87 0.14 0.00	21.85 0.39 0.00	20.01 0.49 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	19.52 1.11 -0.17	18.29 0.97 -0.66	17.23 0.91 -0.38	16.51 0.88 -0.17	16.90 0.91 -0.11	17.87 0.95 0.00	20.42 1.12 0.00	22.38 1.32 -0.81	23.41 1.39 -1.35	23.97 1.52 -0.79	24.32 1.50 -2.00	24.49 1.53 -1.99	24.96 1.63 -1.23	25.08 1.92 0.00	26.26 1.97 0.00	27.61 2.05 0.00	31.02 2.30 0.00	34.68 2.57 0.00	32.62 2.15 -1.00	31.36 1.99 -0.48	28.91 1.84 0.00	25.24 1.52 0.00	22.93 1.46 0.00	20.64 1.11 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	19.37 0.97 -0.16	18.13 0.83 -0.64	17.09 0.78 -0.37	16.38 0.76 -0.16	16.79 0.79 -0.10	17.76 0.83 0.00	20.27 0.97 0.00	22.16 1.11 -0.79	23.17 1.18 -1.31	23.69 1.26 -0.77	24.02 1.25 -1.95	24.19 1.28 -1.94	24.65 1.35 -1.20	24.78 1.62 0.00	25.97 1.68 0.00	27.33 1.76 0.00	30.73 2.01 0.00	34.36 2.25 0.00	32.39 1.94 -0.97	31.12 1.76 -0.47	28.70 1.62 0.00	25.05 1.33 0.00	22.71 1.25 0.00	20.50 0.98 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	19.73 1.31 -0.17	18.46 1.13 -0.66	17.40 1.07 -0.39	16.69 1.05 -0.17	17.09 1.08 -0.12	17.98 1.05 0.00	20.48 1.18 0.00	22.46 1.40 -0.81	23.43 1.41 -1.35	24.01 1.56 -0.79	24.40 1.58 -2.00	24.62 1.66 -1.99	25.14 1.81 -1.23	25.28 2.11 -0.01	26.36 2.06 0.00	27.74 2.17 0.00	31.14 2.41 -0.01	34.82 2.70 -0.01	32.74 2.27 -1.01	31.47 2.11 -0.48	28.97 1.90 0.00	25.33 1.61 0.00	23.15 1.67 -0.01	20.81 1.29 0.00
E179THST_13_KV_LOAD 356214	19.82 1.40 -0.17	18.55 1.22 -0.66	17.46 1.13 -0.39	16.75 1.11 -0.17	17.15 1.14 -0.12	18.04 1.12 0.00	20.56 1.25 0.00	22.56 1.50 -0.81	23.53 1.51 -1.35	24.12 1.67 -0.79	24.50 1.69 -2.00	24.72 1.76 -1.99	25.25 1.92 -1.23	25.42 2.25 -0.01	26.50 2.21 0.00	27.87 2.30 0.00	31.31 2.58 -0.01	35.01 2.89 -0.01	32.92 2.45 -1.01	31.62 2.25 -0.48	29.13 2.06 0.00	25.45 1.73 0.00	23.26 1.78 -0.01	20.89 1.37 0.00
EAST HAMPTON___GT 23717	30.17 1.97 -9.96	30.02 1.73 -11.62	21.06 1.66 -3.46	20.56 1.61 -3.49	21.63 1.65 -4.08	20.72 1.74 -2.05	30.13 2.04 -8.79	30.72 2.31 -8.16	30.86 2.56 -7.62	31.44 2.71 -7.07	31.56 2.62 -8.12	29.41 2.64 -5.79	29.47 2.74 -4.63	35.97 3.08 -9.73	35.94 3.23 -8.42	43.10 3.53 -14.01	47.28 3.99 -14.57	52.82 4.46 -16.24	54.45 3.95 -21.03	41.72 3.67 -9.17	39.29 3.33 -8.88	33.76 2.77 -7.26	28.74 2.62 -4.65	27.67 2.21 -5.94
EAST RIVER___6 23660	19.56 1.15 -0.17	18.34 1.02 -0.66	17.30 0.97 -0.38	16.57 0.94 -0.17	16.97 0.97 -0.11	17.89 0.96 0.00	20.42 1.12 0.00	22.44 1.38 -0.81	23.49 1.47 -1.35	24.03 1.58 -0.79	24.40 1.58 -2.00	24.60 1.64 -1.99	25.10 1.77 -1.23	25.11 1.95 0.00	26.31 2.01 0.00	27.71 2.15 0.00	31.08 2.36 0.00	34.68 2.57 0.00	32.56 2.09 -1.00	31.30 1.94 -0.48	28.83 1.76 0.00	25.29 1.57 0.00	23.01 1.55 0.00	20.65 1.13 0.00

EAST_RIVER___7 23524	19.56 1.15 -0.17	18.34 1.02 -0.66	17.30 0.97 -0.38	16.57 0.94 -0.17	16.97 0.97 -0.11	17.89 0.96 0.00	20.42 1.12 0.00	22.44 1.38 -0.81	23.49 1.47 -1.35	24.03 1.58 -0.79	24.40 1.58 -2.00	24.60 1.64 -1.99	25.10 1.77 -1.23	25.11 1.95 0.00	26.31 2.01 0.00	27.71 2.15 0.00	31.08 2.36 0.00	34.68 2.57 0.00	32.56 2.09 -1.00	31.30 1.94 -0.48	28.83 1.76 0.00	25.29 1.57 0.00	23.01 1.55 0.00	20.65 1.13 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	19.49 1.08 -0.17	18.25 0.93 -0.65	17.20 0.88 -0.38	16.48 0.85 -0.17	16.87 0.87 -0.11	17.86 0.93 0.00	20.38 1.08 0.00	22.32 1.26 -0.81	23.36 1.34 -1.34	23.90 1.45 -0.79	24.25 1.44 -2.00	24.44 1.49 -1.98	24.92 1.59 -1.23	25.01 1.85 0.00	26.19 1.89 0.00	27.56 1.99 0.00	30.93 2.21 0.00	34.59 2.47 0.00	32.56 2.09 -1.00	31.27 1.91 -0.48	28.83 1.76 0.00	25.17 1.45 0.00	22.86 1.40 0.00	20.60 1.07 0.00
EAST_HAMPTON___DIESEL 23722	30.17 1.97 -9.96	30.02 1.73 -11.62	21.06 1.66 -3.46	20.56 1.61 -3.49	21.63 1.65 -4.08	20.74 1.76 -2.05	30.13 2.04 -8.79	30.72 2.31 -8.16	30.86 2.56 -7.62	31.44 2.71 -7.07	31.58 2.64 -8.12	29.41 2.64 -5.79	29.49 2.76 -4.63	35.97 3.08 -9.73	35.94 3.23 -8.42	43.10 3.53 -14.01	47.31 4.02 -14.57	52.82 4.46 -16.24	54.45 3.95 -21.03	41.72 3.67 -9.17	39.31 3.36 -8.88	33.76 2.77 -7.26	28.74 2.62 -4.65	27.67 2.21 -5.94
EAST_PULASKI___ESR 323781	18.22 -0.04 -0.01	16.63 -0.08 -0.05	15.89 -0.08 -0.03	15.38 -0.09 -0.01	15.80 -0.10 -0.01	16.88 -0.05 0.00	19.30 0.00 0.00	20.20 -0.06 0.00	20.55 -0.12 0.00	21.49 -0.17 0.00	20.63 -0.19 0.00	20.76 -0.21 0.00	21.87 -0.22 0.00	22.86 -0.30 0.00	23.97 -0.32 0.00	25.23 -0.33 0.00	28.35 -0.37 0.00	31.70 -0.42 0.00	29.15 -0.32 0.00	28.65 -0.23 0.00	26.91 -0.16 0.00	23.60 -0.12 0.00	21.32 -0.15 0.00	19.46 -0.06 0.00
EAST_RIVER___1 323558	19.58 1.17 -0.17	18.32 1.00 -0.66	17.26 0.94 -0.38	16.54 0.91 -0.17	16.95 0.95 -0.11	17.91 0.98 0.00	20.46 1.16 0.00	22.46 1.40 -0.81	23.49 1.47 -1.35	24.05 1.60 -0.79	24.40 1.58 -2.00	24.60 1.64 -1.99	25.10 1.77 -1.23	25.11 1.95 0.00	26.33 2.04 0.00	27.74 2.17 0.00	31.10 2.38 0.00	34.71 2.60 0.00	32.59 2.12 -1.00	31.33 1.96 -0.48	28.86 1.79 0.00	25.29 1.57 0.00	23.01 1.55 0.00	20.67 1.15 0.00
EAST_RIVER___2 323559	19.56 1.15 -0.17	18.34 1.02 -0.66	17.30 0.97 -0.38	16.57 0.94 -0.17	16.97 0.97 -0.11	17.89 0.96 0.00	20.42 1.12 0.00	22.44 1.38 -0.81	23.49 1.47 -1.35	24.03 1.58 -0.79	24.40 1.58 -2.00	24.60 1.64 -1.99	25.10 1.77 -1.23	25.11 1.95 0.00	26.31 2.01 0.00	27.71 2.15 0.00	31.08 2.36 0.00	34.68 2.57 0.00	32.56 2.09 -1.00	31.30 1.94 -0.48	28.83 1.76 0.00	25.29 1.57 0.00	23.01 1.55 0.00	20.65 1.13 0.00
EAST___DELAWARE_HYD 23607	19.05 0.66 -0.15	17.82 0.57 -0.59	16.80 0.51 -0.35	16.09 0.48 -0.15	16.50 0.51 -0.10	17.47 0.54 0.00	19.94 0.64 0.00	21.79 0.77 -0.76	22.75 0.81 -1.27	23.23 0.82 -0.74	23.53 0.83 -1.88	23.68 0.84 -1.87	24.14 0.88 -1.16	24.18 1.02 0.00	25.41 1.12 0.00	26.79 1.23 0.00	30.19 1.46 0.00	33.75 1.64 0.00	31.82 1.41 -0.94	30.64 1.30 -0.46	28.24 1.16 0.00	24.69 0.97 0.00	22.33 0.86 0.00	20.15 0.62 0.00
EIGHT_POINT___WT_PWR 323820	18.31 0.04 -0.03	16.60 -0.20 -0.14	15.88 -0.14 -0.08	15.47 -0.03 -0.03	15.93 0.02 -0.02	17.06 0.13 0.00	19.71 0.41 0.00	20.53 0.10 -0.17	21.22 0.25 -0.29	22.03 0.19 -0.17	21.40 0.15 -0.43	21.51 0.11 -0.43	22.45 0.09 -0.27	23.30 0.14 0.00	24.48 0.19 0.00	25.90 0.33 0.00	28.98 0.26 0.00	32.44 0.32 0.00	30.16 0.47 -0.22	29.48 0.49 -0.10	27.56 0.49 0.00	24.27 0.55 0.00	22.05 0.58 0.00	20.15 0.62 0.00
ELBRIDGE_115KV_TB2 80188	18.26 0.00 -0.02	16.67 -0.07 -0.07	15.92 -0.06 -0.04	15.42 -0.06 -0.02	15.84 -0.06 -0.01	16.89 -0.03 0.00	19.34 0.04 0.00	20.26 -0.08 -0.08	20.73 -0.08 -0.14	21.62 -0.13 -0.08	20.88 -0.15 -0.21	21.03 -0.15 -0.21	22.07 -0.15 -0.13	22.95 -0.21 0.00	24.12 -0.17 0.00	25.44 -0.13 0.00	28.58 -0.14 0.00	31.95 -0.16 0.00	29.40 -0.18 -0.10	28.76 -0.17 -0.05	26.94 -0.14 0.00	23.63 -0.09 0.00	21.40 -0.06 0.00	19.54 0.02 0.00
ELEC_TRO_TEK 24086	29.57 1.37 -9.96	29.49 1.20 -11.62	20.53 1.13 -3.46	20.07 1.11 -3.49	21.12 1.14 -4.08	20.18 1.20 -2.05	29.50 1.41 -8.79	29.99 1.58 -8.16	29.99 1.70 -7.62	30.57 1.84 -7.07	30.68 1.75 -8.12	28.55 1.78 -5.79	28.61 1.88 -4.63	35.07 2.18 -9.73	34.94 2.23 -8.42	41.90 2.33 -14.01	45.84 2.56 -14.57	51.25 2.89 -16.24	52.94 2.45 -21.03	40.33 2.28 -9.17	38.07 2.11 -8.89	32.69 1.71 -7.26	27.84 1.72 -4.65	26.85 1.39 -5.94
ELLENBURG_WT_PWR 323604	17.93 -0.31 0.00	16.53 -0.13 0.00	15.80 -0.14 0.00	15.35 -0.11 0.00	15.83 -0.06 0.00	16.91 -0.02 0.00	19.26 -0.04 0.00	20.38 0.12 0.00	20.82 0.15 0.00	21.86 0.19 0.00	21.00 0.19 0.00	21.14 0.17 0.00	22.29 0.20 0.00	23.42 0.26 0.00	24.61 0.31 0.00	25.90 0.33 0.00	29.12 0.40 0.00	32.66 0.55 0.00	30.06 0.59 0.00	29.46 0.58 0.00	27.64 0.57 0.00	24.12 0.40 0.00	21.73 0.26 0.00	19.62 0.10 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	17.91 -0.36 -0.03	16.14 -0.63 -0.11	15.48 -0.53 -0.06	15.07 -0.42 -0.03	15.46 -0.44 -0.02	16.54 -0.39 0.00	19.09 -0.21 0.00	19.64 -0.75 -0.13	20.40 -0.50 -0.22	21.27 -0.52 -0.13	20.63 -0.52 -0.33	20.74 -0.57 -0.33	21.70 -0.60 -0.20	22.40 -0.76 0.00	23.78 -0.51 0.00	25.08 -0.49 0.00	27.83 -0.89 0.00	31.09 -1.03 0.00	28.66 -0.97 -0.16	28.07 -0.90 -0.08	26.34 -0.73 0.00	23.39 -0.33 0.00	21.47 0.00 0.00	19.72 0.20 0.00
EMPIRE_CC_1 323656	19.15 0.71 -0.20	18.08 0.63 -0.78	17.02 0.62 -0.46	16.26 0.60 -0.20	16.64 0.62 -0.13	17.55 0.63 0.00	19.92 0.68 0.06	17.37 0.67 3.55	17.01 0.74 4.41	15.39 0.80 7.08	15.75 0.77 5.84	15.79 0.78 5.96	16.36 0.84 6.58	19.08 0.88 4.96	20.43 0.95 4.81	23.31 0.89 3.15	23.39 0.95 6.28	26.25 1.00 6.86	23.35 0.82 6.94	30.39 0.81 -0.70	27.83 0.76 0.00	24.41 0.69 0.00	22.11 0.64 0.00	20.17 0.64 0.00
EMPIRE_CC_2 323658	19.15 0.71 -0.20	18.08 0.63 -0.78	17.02 0.62 -0.46	16.26 0.60 -0.20	16.64 0.62 -0.13	17.55 0.63 0.00	19.92 0.68 0.06	17.37 0.67 3.55	17.01 0.74 4.41	15.39 0.80 7.08	15.75 0.77 5.84	15.79 0.78 5.96	16.36 0.84 6.58	19.08 0.88 4.96	20.43 0.95 4.81	23.31 0.89 3.15	23.39 0.95 6.28	26.25 1.00 6.86	23.35 0.82 6.94	30.39 0.81 -0.70	27.83 0.76 0.00	24.41 0.69 0.00	22.11 0.64 0.00	20.17 0.64 0.00
ENORWICH_115KV_TB1 80156	19.32 1.02 -0.05	17.68 0.82 -0.20	16.82 0.77 -0.12	16.30 0.79 -0.05	16.77 0.84 -0.03	17.96 1.03 0.00	20.61 1.31 0.00	21.90 1.32 -0.33	22.47 1.24 -0.56	22.71 0.71 -0.33	22.29 0.65 -0.83	22.36 0.57 -0.82	23.18 0.57 -0.51	23.74 0.58 0.00	24.95 0.66 0.00	26.77 1.20 0.00	30.39 1.67 0.00	34.14 2.02 0.00	32.01 2.12 -0.41	31.36 2.28 -0.20	29.24 2.17 0.00	25.50 1.78 0.00	22.80 1.33 0.00	20.71 1.19 0.00

ERIE_ST__34_KV_TB1-2 80199	17.85 -0.42 -0.03	16.01 -0.77 -0.11	15.34 -0.67 -0.07	15.04 -0.45 -0.03	15.56 -0.35 -0.02	16.66 -0.27 0.00	19.26 -0.04 0.00	19.85 -0.55 -0.14	20.60 -0.31 -0.24	21.50 -0.30 -0.14	20.86 -0.31 -0.35	20.96 -0.36 -0.35	21.96 -0.35 -0.22	22.68 -0.49 0.00	24.10 -0.19 0.00	25.47 -0.10 0.00	28.26 -0.46 0.00	31.57 -0.55 0.00	29.09 -0.56 -0.18	28.45 -0.52 -0.09	26.67 -0.41 0.00	23.65 -0.07 0.00	21.66 0.19 0.00	19.87 0.35 0.00
ERIE_WT_PWR 323693	17.96 -0.31 -0.03	16.16 -0.62 -0.11	15.49 -0.51 -0.07	15.12 -0.37 -0.03	15.53 -0.38 -0.02	16.62 -0.30 0.00	19.21 -0.10 0.00	19.75 -0.65 -0.14	20.54 -0.37 -0.23	21.41 -0.39 -0.14	20.75 -0.42 -0.34	20.87 -0.44 -0.34	21.82 -0.49 -0.21	22.75 -0.42 0.00	23.90 -0.39 0.00	25.24 -0.33 0.00	28.21 -0.52 0.00	31.44 -0.68 0.00	29.23 -0.41 -0.17	28.48 -0.49 -0.08	26.64 -0.43 0.00	23.56 -0.16 0.00	21.62 0.15 0.00	19.83 0.31 0.00
ESPRGFLD_115KV_TB1 80157	19.40 1.19 0.03	17.55 1.00 0.12	16.81 0.94 0.07	16.38 0.94 0.03	16.86 0.99 0.02	18.06 1.13 0.00	20.65 1.35 0.00	23.36 1.42 -1.69	25.42 1.41 -3.34	25.31 1.41 -2.24	27.11 1.37 -4.92	27.21 1.34 -4.90	26.73 1.41 -3.23	24.94 1.46 -0.32	26.18 1.58 -0.31	27.43 1.66 -0.20	31.07 1.95 -0.40	34.80 2.25 -0.44	34.39 2.21 -2.71	32.13 2.22 -1.03	29.16 2.08 0.00	25.52 1.80 0.00	22.93 1.46 0.00	20.79 1.27 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	18.65 0.36 -0.04	17.06 0.25 -0.15	16.25 0.22 -0.09	15.75 0.25 -0.04	16.19 0.27 -0.02	17.26 0.34 0.00	19.78 0.48 0.00	20.86 0.41 -0.20	21.39 0.39 -0.33	22.16 0.30 -0.19	21.57 0.27 -0.49	21.69 0.23 -0.48	22.62 0.22 -0.30	23.37 0.21 0.00	24.56 0.27 0.00	25.98 0.41 0.00	29.27 0.55 0.00	32.72 0.61 0.00	30.33 0.62 -0.24	29.66 0.66 -0.12	27.70 0.62 0.00	24.27 0.55 0.00	21.94 0.47 0.00	19.99 0.47 0.00
ETNA____115KV_TB2 80207	18.65 0.36 -0.04	17.06 0.25 -0.15	16.25 0.22 -0.09	15.75 0.25 -0.04	16.19 0.27 -0.02	17.26 0.34 0.00	19.78 0.48 0.00	20.86 0.41 -0.20	21.39 0.39 -0.33	22.16 0.30 -0.19	21.57 0.27 -0.49	21.69 0.23 -0.48	22.62 0.22 -0.30	23.37 0.21 0.00	24.56 0.27 0.00	25.98 0.41 0.00	29.27 0.55 0.00	32.72 0.61 0.00	30.33 0.62 -0.24	29.66 0.66 -0.12	27.70 0.62 0.00	24.27 0.55 0.00	21.94 0.47 0.00	19.99 0.47 0.00
EUCLID____115KV_TB2 356179	18.11 -0.15 -0.01	16.52 -0.20 -0.06	15.78 -0.19 -0.03	15.29 -0.19 -0.01	15.71 -0.19 -0.01	16.74 -0.19 0.00	19.17 -0.14 0.00	20.01 -0.24 0.00	20.43 -0.25 0.00	21.38 -0.28 0.00	20.53 -0.29 0.00	20.68 -0.29 0.00	21.79 -0.31 0.00	22.77 -0.39 0.00	23.93 -0.36 0.00	25.21 -0.36 0.00	28.32 -0.40 0.00	31.63 -0.48 0.00	29.03 -0.44 0.00	28.48 -0.40 0.00	26.69 -0.38 0.00	23.41 -0.31 0.00	21.21 -0.26 0.00	19.39 -0.14 0.00
E_CANADA_CAP_HY 24051	20.16 1.66 -0.26	19.08 1.40 -1.01	17.86 1.32 -0.59	17.03 1.31 -0.26	17.44 1.38 -0.17	18.47 1.54 0.00	21.08 1.77 0.00	24.23 1.88 -2.08	26.73 1.88 -4.17	26.35 1.86 -2.82	28.76 1.81 -6.13	28.86 1.78 -6.11	28.01 1.88 -4.04	25.50 1.92 -0.42	26.79 2.09 -0.41	27.98 2.15 -0.27	31.72 2.47 -0.53	35.52 2.83 -0.58	35.67 2.80 -3.40	32.95 2.80 -1.27	29.75 2.68 0.00	26.09 2.37 0.00	23.40 1.93 0.00	21.18 1.66 0.00
E_CANADA_MHWK_HY 24050	17.93 -0.31 0.00	16.43 -0.23 0.00	15.75 -0.19 0.00	15.26 -0.20 0.00	15.67 -0.22 0.00	16.69 -0.24 0.00	19.09 -0.21 0.00	20.05 -0.20 0.00	20.47 -0.21 0.00	21.47 -0.20 0.00	20.63 -0.19 0.00	20.76 -0.21 0.00	21.90 -0.20 0.00	22.95 -0.21 0.00	24.07 -0.22 0.00	25.36 -0.21 0.00	28.49 -0.23 0.00	31.92 -0.19 0.00	29.32 -0.15 0.00	28.80 -0.09 0.00	26.99 -0.08 0.00	23.67 -0.05 0.00	21.38 -0.09 0.00	19.45 -0.08 0.00
E_FISHKILL____LBMP 23776	19.40 0.99 -0.17	18.20 0.87 -0.67	17.14 0.81 -0.39	16.42 0.79 -0.17	16.81 0.81 -0.11	17.77 0.85 0.00	20.29 0.98 0.00	22.20 1.11 -0.82	23.23 1.18 -1.37	23.75 1.28 -0.80	24.13 1.27 -2.04	24.30 1.30 -2.03	24.72 1.37 -1.26	24.78 1.62 0.00	25.94 1.65 0.00	27.28 1.71 0.00	30.65 1.92 0.00	34.27 2.15 0.00	32.28 1.80 -1.02	31.05 1.68 -0.49	28.62 1.54 0.00	25.00 1.28 0.00	22.69 1.22 0.00	20.52 1.00 0.00
FALCON____SEABRD_CC1 323796	18.10 -0.15 0.00	16.68 0.02 0.00	15.94 0.00 0.00	15.49 0.03 0.00	15.97 0.08 0.00	17.08 0.15 0.00	19.46 0.15 0.00	20.58 0.32 0.00	21.02 0.35 0.00	22.07 0.41 0.00	21.21 0.39 0.00	21.35 0.38 0.00	22.51 0.42 0.00	23.65 0.49 0.00	24.87 0.58 0.00	26.16 0.59 0.00	29.44 0.72 0.00	33.01 0.90 0.00	30.44 0.97 0.00	29.81 0.92 0.00	27.97 0.89 0.00	24.38 0.66 0.00	21.94 0.47 0.00	19.80 0.27 0.00
FALCON____SEABRD_CC2 323797	18.10 -0.15 0.00	16.68 0.02 0.00	15.94 0.00 0.00	15.49 0.03 0.00	15.97 0.08 0.00	17.08 0.15 0.00	19.46 0.15 0.00	20.58 0.32 0.00	21.02 0.35 0.00	22.07 0.41 0.00	21.21 0.39 0.00	21.35 0.38 0.00	22.51 0.42 0.00	23.65 0.49 0.00	24.87 0.58 0.00	26.16 0.59 0.00	29.44 0.72 0.00	33.01 0.90 0.00	30.44 0.97 0.00	29.81 0.92 0.00	27.97 0.89 0.00	24.38 0.66 0.00	21.94 0.47 0.00	19.80 0.27 0.00
FAR ROCKAWAY____4 23548	29.83 1.62 -9.96	29.72 1.43 -11.62	20.74 1.34 -3.46	20.27 1.31 -3.49	21.33 1.35 -4.08	20.41 1.44 -2.05	29.75 1.66 -8.79	30.26 1.84 -8.16	30.28 1.98 -7.62	30.88 2.14 -7.07	31.02 2.08 -8.12	28.86 2.10 -5.79	28.94 2.21 -4.63	35.46 2.57 -9.73	35.38 2.67 -8.42	42.13 2.56 -14.01	45.93 2.64 -14.57	51.34 2.99 -16.24	53.03 2.53 -21.03	40.39 2.34 -9.17	38.37 2.41 -8.89	33.14 2.16 -7.26	28.20 2.08 -4.65	27.16 1.70 -5.94
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	19.58 1.17 -0.17	18.34 1.02 -0.66	17.28 0.96 -0.38	16.56 0.93 -0.17	16.95 0.95 -0.11	17.92 1.00 0.00	20.50 1.20 0.00	22.48 1.42 -0.81	23.53 1.51 -1.35	24.08 1.62 -0.79	24.42 1.60 -2.00	24.62 1.66 -1.99	25.12 1.79 -1.23	25.27 2.11 0.00	26.43 2.14 0.00	27.79 2.22 0.00	31.16 2.44 0.00	34.88 2.76 0.00	32.74 2.27 -1.00	31.44 2.08 -0.48	29.00 1.92 0.00	25.31 1.59 0.00	23.03 1.57 0.00	20.69 1.17 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	19.60 1.19 -0.17	18.34 1.02 -0.66	17.28 0.96 -0.38	16.56 0.93 -0.17	16.95 0.95 -0.11	17.92 1.00 0.00	20.50 1.20 0.00	22.48 1.42 -0.81	23.53 1.51 -1.35	24.08 1.62 -0.79	24.42 1.60 -2.00	24.62 1.66 -1.99	25.12 1.79 -1.23	25.27 2.11 0.00	26.43 2.14 0.00	27.79 2.22 0.00	31.19 2.47 0.00	34.88 2.76 0.00	32.77 2.30 -1.00	31.44 2.08 -0.48	29.00 1.92 0.00	25.33 1.61 0.00	23.03 1.57 0.00	20.71 1.19 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	19.58 1.17 -0.17	18.34 1.02 -0.66	17.26 0.94 -0.38	16.56 0.93 -0.17	16.95 0.95 -0.11	17.92 1.00 0.00	20.48 1.18 0.00	22.46 1.40 -0.81	23.51 1.49 -1.35	24.08 1.62 -0.79	24.42 1.60 -2.00	24.62 1.66 -1.99	25.10 1.77 -1.23	25.25 2.08 0.00	26.40 2.11 0.00	27.77 2.20 0.00	31.16 2.44 0.00	34.84 2.73 0.00	32.74 2.27 -1.00	31.42 2.05 -0.48	28.97 1.90 0.00	25.31 1.59 0.00	23.01 1.55 0.00	20.69 1.17 0.00

FARRAGUT___LBMP 323566	19.56 1.15 -0.17	18.32 1.00 -0.66	17.26 0.94 -0.38	16.54 0.91 -0.17	16.94 0.94 -0.11	17.91 0.98 0.00	20.46 1.16 0.00	22.44 1.38 -0.81	23.49 1.47 -1.35	24.05 1.60 -0.79	24.40 1.58 -2.00	24.60 1.64 -1.99	25.07 1.75 -1.23	25.22 2.06 0.00	26.38 2.09 0.00	27.74 2.17 0.00	31.13 2.41 0.00	34.81 2.70 0.00	32.71 2.24 -1.00	31.39 2.02 -0.48	28.94 1.87 0.00	25.29 1.57 0.00	23.01 1.55 0.00	20.67 1.15 0.00
FENNER___WINDPWR 24204	18.57 0.31 -0.02	16.98 0.23 -0.08	16.19 0.21 -0.05	15.70 0.22 -0.02	16.13 0.22 -0.01	17.21 0.29 0.00	19.69 0.39 0.00	20.72 0.37 -0.09	21.18 0.35 -0.16	22.08 0.33 -0.09	21.34 0.29 -0.23	21.48 0.27 -0.23	22.53 0.29 -0.14	23.42 0.26 0.00	24.61 0.31 0.00	25.92 0.36 0.00	29.18 0.46 0.00	32.72 0.61 0.00	30.23 0.65 -0.12	29.60 0.66 -0.06	27.70 0.62 0.00	24.22 0.50 0.00	21.83 0.36 0.00	19.87 0.35 0.00
FIBERTEK___ENERGY 23856	18.30 0.04 -0.02	16.70 -0.03 -0.07	15.95 -0.03 -0.04	15.45 -0.03 -0.02	15.87 -0.03 -0.01	16.91 -0.02 0.00	19.38 0.08 0.00	20.31 -0.02 -0.08	20.78 -0.02 -0.13	21.65 -0.09 -0.08	20.91 -0.10 -0.19	21.06 -0.10 -0.19	22.10 -0.11 -0.12	23.00 -0.16 0.00	24.19 -0.10 0.00	25.52 -0.05 0.00	28.69 -0.03 0.00	32.02 -0.10 0.00	29.48 -0.09 -0.10	28.84 -0.09 -0.05	27.02 -0.05 0.00	23.67 -0.05 0.00	21.42 -0.04 0.00	19.58 0.06 0.00
FITZPATRICK____ 23598	17.87 -0.38 -0.01	16.31 -0.40 -0.04	15.58 -0.38 -0.02	15.10 -0.37 -0.01	15.52 -0.38 -0.01	16.54 -0.39 0.00	18.90 -0.41 0.00	19.73 -0.53 0.00	20.12 -0.56 0.00	21.06 -0.61 0.00	20.23 -0.58 0.00	20.39 -0.59 0.00	21.45 -0.64 0.00	22.47 -0.69 0.00	23.56 -0.73 0.00	24.80 -0.77 0.00	27.86 -0.86 0.00	31.15 -0.96 0.00	28.61 -0.86 0.00	28.04 -0.84 0.00	26.29 -0.79 0.00	23.06 -0.66 0.00	20.89 -0.58 0.00	19.09 -0.43 0.00
FLOWRFLD_69_KV_BK1 356044	29.70 1.50 -9.96	29.60 1.32 -11.62	20.65 1.24 -3.46	20.16 1.21 -3.49	21.22 1.24 -4.08	20.30 1.32 -2.05	29.63 1.54 -8.79	30.15 1.74 -8.16	30.20 1.90 -7.62	30.75 2.01 -7.07	30.83 1.89 -8.12	28.67 1.91 -5.79	28.69 1.97 -4.63	35.23 2.34 -9.73	35.11 2.40 -8.42	42.06 2.48 -14.01	45.76 2.47 -14.57	51.18 2.83 -16.24	52.91 2.42 -21.03	40.39 2.34 -9.17	38.15 2.19 -8.89	32.72 1.73 -7.26	27.99 1.87 -4.65	27.02 1.56 -5.94
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	19.58 1.17 -0.17	18.34 1.02 -0.66	17.28 0.96 -0.39	16.56 0.93 -0.17	16.97 0.97 -0.11	17.94 1.02 0.00	20.46 1.16 0.00	22.39 1.32 -0.82	23.42 1.39 -1.36	23.91 1.45 -0.79	24.27 1.44 -2.02	24.45 1.47 -2.00	24.89 1.55 -1.25	25.01 1.85 0.00	26.21 1.92 0.00	27.61 2.05 0.00	31.05 2.33 0.00	34.72 2.60 0.00	32.75 2.27 -1.01	31.48 2.11 -0.49	29.00 1.92 0.00	25.31 1.59 0.00	22.93 1.46 0.00	20.69 1.17 0.00
FORT ORANGE____ 23900	19.14 0.69 -0.20	18.04 0.57 -0.81	17.00 0.59 -0.47	16.25 0.59 -0.20	16.63 0.60 -0.13	17.53 0.61 0.00	19.92 0.66 0.04	19.23 0.73 1.75	19.56 0.74 1.86	18.24 0.80 4.23	19.27 0.73 2.27	19.36 0.75 2.37	19.41 0.79 3.48	20.56 0.86 3.46	21.84 0.90 3.35	24.26 0.89 2.20	25.35 1.00 4.38	28.42 1.09 4.79	26.49 0.97 3.95	30.74 0.92 -0.93	27.94 0.87 0.00	24.50 0.78 0.00	22.13 0.67 0.00	20.13 0.61 0.00
FORT_DRUM_COGEN 23780	18.69 0.44 -0.01	17.07 0.37 -0.03	16.30 0.33 -0.02	15.80 0.32 -0.01	16.23 0.33 -0.01	17.38 0.46 0.00	19.86 0.56 0.00	20.88 0.63 0.00	21.19 0.52 0.00	22.14 0.48 0.00	21.19 0.37 0.00	21.33 0.36 0.00	22.47 0.38 0.00	23.39 0.23 0.00	24.48 0.19 0.00	25.75 0.18 0.00	29.09 0.37 0.00	32.60 0.48 0.00	30.21 0.74 0.00	29.84 0.95 0.00	28.10 1.03 0.00	24.53 0.81 0.00	21.92 0.45 0.00	19.93 0.41 0.00
FPL_FAR_ROCK_GT1 24212	29.83 1.62 -9.96	29.72 1.43 -11.63	20.75 1.34 -3.47	20.27 1.31 -3.50	21.33 1.35 -4.09	20.42 1.44 -2.05	29.75 1.66 -8.79	30.28 1.86 -8.16	30.28 1.98 -7.62	30.86 2.12 -7.07	31.02 2.08 -8.12	28.86 2.10 -5.79	28.94 2.21 -4.64	35.35 2.45 -9.73	35.34 2.62 -8.42	42.11 2.53 -14.01	45.91 2.61 -14.57	51.25 2.89 -16.25	52.95 2.44 -21.03	40.34 2.28 -9.17	38.05 2.08 -8.89	33.20 2.21 -7.27	28.21 2.08 -4.66	27.16 1.70 -5.94
FPL_FAR_ROCK_GT2 23815	29.83 1.62 -9.96	29.72 1.43 -11.63	20.75 1.34 -3.47	20.27 1.31 -3.50	21.33 1.35 -4.09	20.42 1.44 -2.05	29.75 1.66 -8.79	30.28 1.86 -8.16	30.28 1.98 -7.62	30.86 2.12 -7.07	31.02 2.08 -8.12	28.86 2.10 -5.79	28.94 2.21 -4.64	35.35 2.45 -9.73	35.34 2.62 -8.42	42.11 2.53 -14.01	45.91 2.61 -14.57	51.25 2.89 -16.25	52.95 2.44 -21.03	40.34 2.28 -9.17	38.05 2.08 -8.89	33.20 2.21 -7.27	28.21 2.08 -4.66	27.16 1.70 -5.94
FRANKLIN_FALL_HYD 24054	18.08 -0.16 0.00	16.65 -0.02 0.00	15.92 -0.02 0.00	15.45 -0.02 0.00	15.94 0.05 0.00	17.03 0.10 0.00	19.38 0.08 0.00	20.54 0.28 0.00	20.98 0.31 0.00	22.03 0.37 0.00	21.15 0.33 0.00	21.29 0.31 0.00	22.43 0.33 0.00	23.51 0.35 0.00	24.73 0.44 0.00	26.03 0.46 0.00	29.21 0.49 0.00	32.53 0.42 0.00	30.15 0.68 0.00	29.55 0.66 0.00	27.78 0.70 0.00	24.27 0.55 0.00	21.81 0.34 0.00	19.66 0.14 0.00
FREEPORT_EQUS_GT1 23764	29.70 1.50 -9.96	29.62 1.33 -11.62	20.65 1.24 -3.46	20.18 1.22 -3.49	21.23 1.26 -4.09	20.31 1.34 -2.05	29.64 1.54 -8.79	30.13 1.72 -8.16	30.16 1.86 -7.62	30.72 1.99 -7.07	30.85 1.91 -8.12	28.69 1.93 -5.79	28.76 2.03 -4.63	35.11 2.22 -9.73	35.06 2.36 -8.42	42.01 2.43 -14.01	45.88 2.59 -14.57	51.22 2.86 -16.24	52.91 2.42 -21.03	40.45 2.40 -9.17	38.18 2.22 -8.89	32.95 1.97 -7.26	28.03 1.91 -4.65	27.01 1.54 -5.94
FREEPORT___CT2 23818	29.70 1.50 -9.96	29.62 1.33 -11.62	20.65 1.24 -3.46	20.18 1.22 -3.49	21.23 1.26 -4.09	20.31 1.34 -2.05	29.64 1.54 -8.79	30.13 1.72 -8.16	30.16 1.86 -7.62	30.72 1.99 -7.07	30.85 1.91 -8.12	28.69 1.93 -5.79	28.76 2.03 -4.63	35.11 2.22 -9.73	35.06 2.36 -8.42	42.01 2.43 -14.01	45.88 2.59 -14.57	51.22 2.86 -16.24	52.91 2.42 -21.03	40.45 2.40 -9.17	38.18 2.22 -8.89	32.95 1.97 -7.26	28.03 1.91 -4.65	27.01 1.54 -5.94
FRESHKLS_33_KV_LOAD 356253	19.68 1.26 -0.17	18.42 1.10 -0.66	17.31 0.99 -0.38	16.59 0.96 -0.17	16.98 0.99 -0.11	17.86 0.93 0.00	20.36 1.06 0.00	22.33 1.28 -0.80	23.40 1.39 -1.34	23.96 1.52 -0.78	24.35 1.54 -1.99	24.57 1.61 -1.98	25.07 1.75 -1.23	25.25 2.08 -0.01	26.40 2.11 0.00	27.79 2.22 0.00	30.08 2.56 1.19	32.22 2.92 2.82	30.18 2.48 1.77	29.07 2.20 2.01	26.84 1.98 2.21	25.36 1.64 0.00	23.15 1.67 -0.01	20.79 1.27 0.00
FULTON COGEN____ 23766	18.13 -0.13 -0.01	16.54 -0.18 -0.05	15.80 -0.18 -0.03	15.31 -0.17 -0.01	15.73 -0.17 -0.01	16.76 -0.17 0.00	19.17 -0.14 0.00	20.03 -0.22 0.00	20.43 -0.25 0.00	21.36 -0.30 0.00	20.50 -0.31 0.00	20.66 -0.31 0.00	21.74 -0.35 0.00	22.74 -0.42 0.00	23.88 -0.41 0.00	25.18 -0.38 0.00	28.29 -0.43 0.00	31.60 -0.51 0.00	29.00 -0.47 0.00	28.45 -0.43 0.00	26.69 -0.38 0.00	23.41 -0.31 0.00	21.19 -0.28 0.00	19.37 -0.16 0.00

FULTON___LFGE 323630	20.55 2.06 -0.24	19.37 1.75 -0.95	18.14 1.64 -0.56	17.33 1.62 -0.24	17.75 1.70 -0.16	18.82 1.90 0.00	21.39 2.09 0.00	24.95 2.21 -2.49	27.35 2.15 -4.53	26.81 2.08 -3.07	29.53 2.06 -6.65	29.59 1.99 -6.63	28.56 2.08 -4.39	25.71 2.09 -0.46	26.95 2.21 -0.45	28.19 2.33 -0.29	32.13 2.82 -0.59	36.03 3.28 -0.64	36.56 3.39 -3.70	33.63 3.38 -1.37	30.32 3.25 0.00	26.57 2.85 0.00	23.85 2.38 0.00	21.57 2.05 0.00
G.F.CEMENT___DRP 24184	20.23 1.77 -0.21	19.00 1.50 -0.84	17.85 1.42 -0.49	17.07 1.39 -0.21	17.47 1.45 -0.14	18.48 1.56 0.00	21.13 1.80 -0.03	27.18 1.90 -5.02	30.07 1.94 -7.45	30.28 1.95 -6.66	33.39 1.87 -10.70	33.58 1.89 -10.72	32.13 1.90 -8.13	27.28 1.57 -2.54	28.21 1.46 -2.46	28.87 1.69 -1.61	33.89 1.95 -3.22	38.07 2.44 -3.52	39.21 2.33 -7.41	32.64 2.31 -1.44	29.21 2.14 0.00	26.07 2.35 0.00	23.42 1.95 0.00	21.22 1.70 0.00
GARDENVILLE___LBMP 24039	17.92 -0.35 -0.03	16.14 -0.63 -0.11	15.46 -0.54 -0.06	15.07 -0.42 -0.03	15.50 -0.41 -0.02	16.57 -0.36 0.00	19.15 -0.15 0.00	19.71 -0.69 -0.14	20.47 -0.43 -0.23	21.34 -0.45 -0.14	20.70 -0.46 -0.34	20.83 -0.48 -0.34	21.80 -0.51 -0.21	22.49 -0.67 0.00	23.88 -0.41 0.00	25.21 -0.36 0.00	27.98 -0.75 0.00	31.22 -0.90 0.00	28.79 -0.85 -0.17	28.21 -0.75 -0.08	26.48 -0.60 0.00	23.49 -0.24 0.00	21.53 0.06 0.00	19.76 0.23 0.00
GARDNVLA_35_KV_LD 355827	17.98 -0.29 -0.03	16.19 -0.58 -0.11	15.51 -0.49 -0.07	15.13 -0.36 -0.03	15.54 -0.37 -0.02	16.62 -0.30 0.00	19.22 -0.08 0.00	19.79 -0.61 -0.14	20.56 -0.35 -0.23	21.43 -0.37 -0.14	20.79 -0.37 -0.35	20.92 -0.40 -0.34	21.89 -0.42 -0.21	22.58 -0.58 0.00	24.00 -0.29 0.00	25.34 -0.23 0.00	28.12 -0.60 0.00	31.41 -0.71 0.00	28.97 -0.68 -0.17	28.36 -0.61 -0.09	26.62 -0.46 0.00	23.63 -0.09 0.00	21.66 0.19 0.00	19.87 0.35 0.00
GELCKHM___115KV_LOAD 80723	18.19 -0.07 -0.02	16.59 -0.13 -0.06	15.85 -0.13 -0.04	15.35 -0.12 -0.02	15.76 -0.14 -0.01	16.81 -0.12 0.00	19.24 -0.06 0.00	20.16 -0.16 -0.07	20.62 -0.17 -0.11	21.51 -0.22 -0.07	20.76 -0.23 -0.17	20.91 -0.23 -0.17	21.96 -0.24 -0.10	22.86 -0.30 0.00	24.02 -0.27 0.00	25.34 -0.23 0.00	28.46 -0.26 0.00	31.79 -0.32 0.00	29.23 -0.32 -0.08	28.63 -0.29 -0.04	26.80 -0.27 0.00	23.51 -0.21 0.00	21.27 -0.19 0.00	19.44 -0.08 0.00
GENERAL___MILLS 23808	17.94 -0.33 -0.03	16.16 -0.62 -0.11	15.48 -0.53 -0.07	15.10 -0.39 -0.03	15.53 -0.38 -0.02	16.60 -0.32 0.00	19.19 -0.12 0.00	19.75 -0.65 -0.14	20.51 -0.39 -0.23	21.39 -0.41 -0.14	20.75 -0.42 -0.34	20.88 -0.44 -0.34	21.84 -0.46 -0.21	22.54 -0.63 0.00	23.93 -0.36 0.00	25.26 -0.31 0.00	28.03 -0.69 0.00	31.31 -0.80 0.00	28.88 -0.77 -0.17	28.27 -0.69 -0.08	26.53 -0.54 0.00	23.56 -0.17 0.00	21.60 0.13 0.00	19.82 0.29 0.00
GE_PLASTICS___DRP 24183	19.09 0.64 -0.21	18.02 0.55 -0.81	16.97 0.56 -0.47	16.21 0.54 -0.20	16.60 0.57 -0.13	17.48 0.56 0.00	19.89 0.62 0.03	20.06 0.67 0.86	20.68 0.68 0.67	19.84 0.74 2.56	20.84 0.69 0.66	20.95 0.71 0.73	21.01 0.75 1.84	21.63 0.86 2.38	22.83 0.85 2.31	24.90 0.84 1.51	26.65 0.95 3.02	29.91 1.09 3.30	28.14 0.94 2.27	30.67 0.92 -0.86	27.91 0.84 0.00	24.43 0.71 0.00	22.11 0.64 0.00	20.11 0.59 0.00
GILBOA___1 23756	19.03 0.62 -0.16	17.89 0.58 -0.64	16.87 0.56 -0.38	16.18 0.56 -0.16	16.57 0.57 -0.10	17.47 0.54 0.00	19.92 0.62 0.00	21.64 0.65 -0.73	22.57 0.68 -1.22	23.09 0.71 -0.71	23.34 0.71 -1.81	23.49 0.71 -1.80	23.96 0.75 -1.12	23.99 0.83 0.00	25.16 0.87 0.00	26.49 0.92 0.00	29.73 1.00 0.00	33.21 1.09 0.00	31.32 0.94 -0.90	30.24 0.92 -0.44	27.91 0.84 0.00	24.46 0.74 0.00	22.17 0.71 0.00	20.15 0.62 0.00
GILBOA___2 23757	19.03 0.62 -0.16	17.89 0.58 -0.64	16.87 0.56 -0.38	16.18 0.56 -0.16	16.57 0.57 -0.10	17.47 0.54 0.00	19.92 0.62 0.00	21.64 0.65 -0.73	22.57 0.68 -1.22	23.09 0.71 -0.71	23.34 0.71 -1.81	23.49 0.71 -1.80	23.96 0.75 -1.12	23.99 0.83 0.00	25.16 0.87 0.00	26.49 0.92 0.00	29.73 1.00 0.00	33.21 1.09 0.00	31.32 0.94 -0.90	30.24 0.92 -0.44	27.91 0.84 0.00	24.46 0.74 0.00	22.17 0.71 0.00	20.15 0.62 0.00
GILBOA___3 23758	19.03 0.62 -0.16	17.89 0.58 -0.64	16.87 0.56 -0.38	16.18 0.56 -0.16	16.57 0.57 -0.10	17.47 0.54 0.00	19.92 0.62 0.00	21.64 0.65 -0.73	22.57 0.68 -1.22	23.09 0.71 -0.71	23.34 0.71 -1.81	23.49 0.71 -1.80	23.96 0.75 -1.12	23.99 0.83 0.00	25.16 0.87 0.00	26.49 0.92 0.00	29.73 1.00 0.00	33.21 1.09 0.00	31.32 0.94 -0.90	30.24 0.92 -0.44	27.91 0.84 0.00	24.46 0.74 0.00	22.17 0.71 0.00	20.15 0.62 0.00
GILBOA___4 23759	19.03 0.62 -0.16	17.89 0.58 -0.64	16.87 0.56 -0.38	16.18 0.56 -0.16	16.57 0.57 -0.10	17.47 0.54 0.00	19.92 0.62 0.00	21.64 0.65 -0.73	22.57 0.68 -1.22	23.09 0.71 -0.71	23.34 0.71 -1.81	23.49 0.71 -1.80	23.96 0.75 -1.12	23.99 0.83 0.00	25.16 0.87 0.00	26.49 0.92 0.00	29.73 1.00 0.00	33.21 1.09 0.00	31.32 0.94 -0.90	30.24 0.92 -0.44	27.91 0.84 0.00	24.46 0.74 0.00	22.17 0.71 0.00	20.15 0.62 0.00
GILBOA___ 23599	19.03 0.62 -0.16	17.89 0.58 -0.64	16.87 0.56 -0.38	16.18 0.56 -0.16	16.57 0.57 -0.10	17.47 0.54 0.00	19.92 0.62 0.00	21.64 0.65 -0.73	22.58 0.68 -1.22	23.09 0.71 -0.71	23.33 0.71 -1.81	23.49 0.71 -1.80	23.96 0.75 -1.12	24.04 0.88 0.00	25.16 0.87 0.00	26.49 0.92 0.00	29.76 1.03 0.00	33.27 1.16 0.00	31.38 1.00 -0.90	30.27 0.95 -0.44	27.94 0.87 0.00	24.46 0.74 0.00	22.18 0.71 0.00	20.15 0.62 0.00
GINNA___ 23603	17.37 -0.89 -0.02	15.79 -0.95 -0.08	15.09 -0.89 -0.05	14.58 -0.90 -0.02	14.93 -0.97 -0.01	15.94 -0.98 0.00	18.36 -0.95 0.00	19.11 -1.24 -0.09	19.69 -1.14 -0.16	20.56 -1.19 -0.09	19.86 -1.19 -0.23	19.98 -1.22 -0.23	20.93 -1.30 -0.14	21.84 -1.32 0.00	22.91 -1.38 0.00	24.21 -1.36 0.00	27.17 -1.55 0.00	30.38 -1.73 0.00	28.08 -1.50 -0.11	27.47 -1.47 -0.06	25.72 -1.35 0.00	22.61 -1.11 0.00	20.50 -0.97 0.00	18.72 -0.80 0.00
GLEN PARK___ 23778	18.76 0.51 -0.01	17.13 0.43 -0.04	16.36 0.40 -0.02	15.86 0.39 -0.01	16.29 0.40 -0.01	17.45 0.53 0.00	19.94 0.64 0.00	20.97 0.71 0.00	21.27 0.60 0.00	22.23 0.56 0.00	21.25 0.44 0.00	21.39 0.42 0.00	22.54 0.44 0.00	23.48 0.32 0.00	24.53 0.24 0.00	25.80 0.23 0.00	29.12 0.40 0.00	32.72 0.61 0.00	30.35 0.88 0.00	30.01 1.13 0.00	28.29 1.22 0.00	24.65 0.92 0.00	22.00 0.54 0.00	19.99 0.47 0.00
GLENDALE_27_KV_LOAD 356172	19.73 1.31 -0.17	18.45 1.13 -0.66	17.38 1.05 -0.38	16.66 1.04 -0.17	17.06 1.06 -0.11	18.01 1.08 0.00	20.58 1.27 0.00	22.58 1.52 -0.81	23.61 1.59 -1.35	24.21 1.75 -0.79	24.56 1.75 -2.00	24.76 1.80 -1.99	25.27 1.94 -1.23	25.44 2.27 -0.01	26.57 2.28 0.00	27.97 2.40 0.00	31.43 2.70 -0.01	35.14 3.02 -0.01	33.04 2.56 -1.01	31.68 2.31 -0.48	29.19 2.11 0.00	25.48 1.76 0.00	23.21 1.74 -0.01	20.85 1.33 0.00

GLENWOOD_IC_1_G5 23712	29.53 1.33 -9.96	29.45 1.17 -11.62	20.50 1.10 -3.46	20.04 1.08 -3.49	21.09 1.11 -4.08	20.14 1.17 -2.05	29.46 1.37 -8.79	29.97 1.56 -8.16	29.80 1.51 -7.62	30.38 1.65 -7.07	30.56 1.62 -8.12	28.42 1.66 -5.79	28.65 1.92 -4.63	35.04 2.15 -9.73	34.85 2.14 -8.42	41.83 2.25 -14.01	45.82 2.53 -14.57	51.18 2.83 -16.24	52.88 2.39 -21.03	40.25 2.20 -9.17	37.96 2.00 -8.89	32.79 1.80 -7.26	27.84 1.72 -4.65	26.83 1.37 -5.94
GLENWOOD_IC_2_G1 23688	29.44 1.24 -9.96	29.37 1.08 -11.62	20.42 1.02 -3.46	19.94 0.99 -3.49	20.99 1.02 -4.08	20.06 1.08 -2.05	29.36 1.27 -8.79	29.87 1.46 -8.16	29.82 1.53 -7.62	30.38 1.65 -7.07	30.56 1.62 -8.12	28.44 1.68 -5.79	28.52 1.79 -4.63	34.86 1.97 -9.73	34.80 2.09 -8.42	41.77 2.20 -14.01	45.70 2.41 -14.57	51.02 2.66 -16.24	52.71 2.21 -21.03	40.13 2.08 -9.17	37.88 1.92 -8.89	32.64 1.66 -7.26	27.71 1.59 -4.65	26.73 1.27 -5.94
GLENWOOD_IC_3_G1 23689	29.44 1.24 -9.96	29.37 1.08 -11.62	20.42 1.02 -3.46	19.94 0.99 -3.49	20.99 1.02 -4.08	20.06 1.08 -2.05	29.36 1.27 -8.79	29.87 1.46 -8.16	29.82 1.53 -7.62	30.38 1.65 -7.07	30.56 1.62 -8.12	28.44 1.68 -5.79	28.52 1.79 -4.63	34.86 1.97 -9.73	34.80 2.09 -8.42	41.77 2.20 -14.01	45.70 2.41 -14.57	51.02 2.66 -16.24	52.71 2.21 -21.03	40.13 2.08 -9.17	37.88 1.92 -8.89	32.64 1.66 -7.26	27.71 1.59 -4.65	26.73 1.27 -5.94
GLENWOOD___4 23550	29.53 1.33 -9.96	29.45 1.17 -11.62	20.50 1.10 -3.46	20.04 1.08 -3.49	21.09 1.11 -4.08	20.14 1.17 -2.05	29.46 1.37 -8.79	29.97 1.56 -8.16	29.86 1.57 -7.62	30.44 1.71 -7.07	30.62 1.69 -8.12	28.48 1.72 -5.79	28.65 1.92 -4.63	35.07 2.18 -9.73	34.92 2.21 -8.42	41.88 2.30 -14.01	45.87 2.58 -14.57	51.25 2.89 -16.24	52.94 2.45 -21.03	40.30 2.25 -9.17	38.04 2.08 -8.89	32.79 1.80 -7.26	27.84 1.72 -4.65	26.83 1.37 -5.94
GLENWOOD___5 23614	29.53 1.33 -9.96	29.45 1.17 -11.62	20.50 1.10 -3.46	20.04 1.08 -3.49	21.09 1.11 -4.08	20.14 1.17 -2.05	29.46 1.37 -8.79	29.97 1.56 -8.16	29.86 1.57 -7.62	30.44 1.71 -7.07	30.62 1.69 -8.12	28.48 1.72 -5.79	28.65 1.92 -4.63	35.07 2.18 -9.73	34.92 2.21 -8.42	41.88 2.30 -14.01	45.87 2.58 -14.57	51.25 2.89 -16.24	52.94 2.45 -21.03	40.30 2.25 -9.17	38.04 2.08 -8.89	32.79 1.80 -7.26	27.84 1.72 -4.65	26.83 1.37 -5.94
GLOBAL GREEN_PORT_GT1 23814	30.12 1.92 -9.96	29.97 1.68 -11.62	21.01 1.61 -3.46	20.52 1.56 -3.49	21.58 1.60 -4.08	20.67 1.69 -2.05	30.08 1.99 -8.79	30.66 2.25 -8.16	30.79 2.50 -7.62	31.37 2.64 -7.07	31.52 2.58 -8.12	29.34 2.58 -5.79	29.42 2.69 -4.63	35.92 3.03 -9.73	35.89 3.18 -8.42	43.05 3.48 -14.01	47.22 3.94 -14.57	52.76 4.40 -16.24	54.39 3.89 -21.03	41.66 3.61 -9.17	39.26 3.30 -8.88	33.71 2.73 -7.26	28.67 2.55 -4.65	27.61 2.15 -5.94
GLOBE___DSASP 323697	17.14 -1.13 -0.03	15.45 -1.32 -0.10	14.82 -1.18 -0.06	14.39 -1.10 -0.03	14.70 -1.21 -0.02	15.72 -1.20 0.00	18.28 -1.02 0.00	18.62 -1.74 -0.10	19.35 -1.51 -0.18	20.18 -1.58 -0.10	19.54 -1.56 -0.28	19.66 -1.59 -0.28	20.58 -1.68 -0.17	21.24 -1.90 0.02	22.57 -1.70 0.02	23.81 -1.74 0.02	26.43 -2.27 0.02	29.52 -2.57 0.02	27.21 -2.39 -0.13	26.68 -2.25 -0.05	25.08 -1.98 0.02	22.23 -1.47 0.02	20.40 -1.05 0.02	18.76 -0.74 0.02
GOETHSLN___LBMP 323567	19.49 1.08 -0.17	18.24 0.92 -0.66	17.18 0.86 -0.38	16.46 0.83 -0.17	16.86 0.86 -0.11	17.82 0.90 0.00	20.38 1.08 0.00	22.38 1.32 -0.81	23.39 1.36 -1.35	23.95 1.49 -0.79	24.29 1.48 -2.00	24.51 1.55 -1.99	24.99 1.66 -1.23	25.13 1.97 0.00	26.28 1.99 0.00	27.64 2.07 0.00	29.75 2.21 1.19	31.78 2.47 2.81	29.73 2.03 1.78	28.72 1.85 2.01	26.56 1.71 2.22	25.17 1.45 0.00	22.88 1.42 0.00	20.56 1.03 0.00
GOLAH___69_KV_TB 1_2 80279	18.25 -0.02 -0.02	16.55 -0.20 -0.08	15.83 -0.16 -0.05	15.33 -0.15 -0.02	15.67 -0.24 -0.01	16.76 -0.17 0.00	19.34 0.04 0.00	20.03 -0.32 -0.10	20.67 -0.17 -0.16	21.57 -0.19 -0.10	20.79 -0.27 -0.24	20.94 -0.27 -0.24	21.94 -0.31 -0.15	22.72 -0.44 0.00	24.05 -0.24 0.00	25.39 -0.18 0.00	28.23 -0.49 0.00	31.60 -0.51 0.00	29.12 -0.47 -0.12	28.57 -0.38 -0.06	26.86 -0.22 0.00	23.72 0.00 0.00	21.57 0.11 0.00	19.82 0.29 0.00
GOODYEAR_LAKE_HYD 323669	19.07 0.78 -0.04	17.49 0.67 -0.16	16.65 0.62 -0.09	16.12 0.62 -0.04	16.57 0.65 -0.03	17.67 0.74 0.00	20.19 0.89 0.00	22.11 0.93 -0.92	23.21 0.95 -1.58	23.54 0.95 -0.93	24.11 0.94 -2.35	24.23 0.92 -2.34	24.52 0.97 -1.45	24.20 1.04 0.00	25.43 1.14 0.00	26.77 1.20 0.00	30.16 1.44 0.00	33.75 1.64 0.00	32.18 1.53 -1.17	30.97 1.53 -0.56	28.51 1.43 0.00	24.91 1.19 0.00	22.45 0.99 0.00	20.38 0.86 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	18.46 0.16 -0.05	16.91 0.03 -0.21	16.11 0.05 -0.12	15.61 0.09 -0.05	16.04 0.11 -0.03	17.10 0.17 0.00	19.61 0.31 0.00	20.72 0.18 -0.28	21.40 0.25 -0.48	22.16 0.22 -0.28	21.73 0.21 -0.71	21.89 0.21 -0.70	22.73 0.20 -0.44	23.35 0.19 0.00	24.58 0.29 0.00	25.95 0.38 0.00	29.09 0.37 0.00	32.50 0.39 0.00	30.15 0.32 -0.35	29.37 0.32 -0.17	27.40 0.32 0.00	24.08 0.36 0.00	21.81 0.34 0.00	19.89 0.37 0.00
GOUDEY___7 23579	18.48 0.18 -0.05	16.92 0.05 -0.21	16.11 0.05 -0.12	15.62 0.11 -0.05	16.05 0.13 -0.03	17.11 0.19 0.00	19.63 0.33 0.00	20.76 0.22 -0.28	21.42 0.27 -0.48	22.18 0.24 -0.28	21.75 0.23 -0.71	21.91 0.23 -0.70	22.75 0.22 -0.44	23.37 0.21 0.00	24.61 0.32 0.00	25.98 0.41 0.00	29.12 0.40 0.00	32.53 0.42 0.00	30.18 0.35 -0.35	29.40 0.35 -0.17	27.43 0.35 0.00	24.08 0.36 0.00	21.83 0.36 0.00	19.91 0.39 0.00
GOUDEY___8 23580	18.46 0.16 -0.05	16.91 0.03 -0.21	16.11 0.05 -0.12	15.61 0.09 -0.05	16.04 0.11 -0.03	17.10 0.17 0.00	19.61 0.31 0.00	20.72 0.18 -0.28	21.40 0.25 -0.48	22.16 0.22 -0.28	21.73 0.21 -0.71	21.89 0.21 -0.70	22.73 0.20 -0.44	23.35 0.19 0.00	24.58 0.29 0.00	25.95 0.38 0.00	29.09 0.37 0.00	32.50 0.39 0.00	30.15 0.32 -0.35	29.37 0.32 -0.17	27.40 0.32 0.00	24.08 0.36 0.00	21.81 0.34 0.00	19.89 0.37 0.00
GOWANUS_GT1_1 24077	19.73 1.31 -0.17	18.45 1.13 -0.66	17.36 1.04 -0.38	16.65 1.02 -0.17	17.03 1.03 -0.11	17.94 1.02 0.00	20.48 1.18 0.00	22.48 1.42 -0.81	23.53 1.51 -1.35	24.10 1.65 -0.79	24.48 1.67 -2.00	24.70 1.74 -1.99	25.21 1.88 -1.23	25.37 2.20 -0.01	26.50 2.21 0.00	27.92 2.35 0.00	31.40 2.67 -0.01	35.14 3.02 -0.01	33.04 2.56 -1.01	31.65 2.28 -0.48	29.16 2.08 0.00	25.43 1.71 0.00	23.21 1.74 -0.01	20.83 1.31 0.00
GOWANUS_GT1_2 24078	19.73 1.31 -0.17	18.45 1.13 -0.66	17.36 1.04 -0.38	16.65 1.02 -0.17	17.03 1.03 -0.11	17.94 1.02 0.00	20.48 1.18 0.00	22.48 1.42 -0.81	23.53 1.51 -1.35	24.10 1.65 -0.79	24.48 1.67 -2.00	24.70 1.74 -1.99	25.21 1.88 -1.23	25.37 2.20 -0.01	26.50 2.21 0.00	27.92 2.35 0.00	31.40 2.67 -0.01	35.14 3.02 -0.01	33.04 2.56 -1.01	31.65 2.28 -0.48	29.16 2.08 0.00	25.43 1.71 0.00	23.21 1.74 -0.01	20.83 1.31 0.00

GOWANUS_GT1_3 24079	19.73 1.31 -0.17	18.45 1.13 -0.66	17.36 1.04 -0.38	16.65 1.02 -0.17	17.03 1.03 -0.11	17.94 1.02 0.00	20.48 1.18 0.00	22.48 1.42 -0.81	23.53 1.51 -1.35	24.10 1.65 -0.79	24.48 1.67 -2.00	24.70 1.74 -1.99	25.21 1.88 -1.23	25.37 2.20 -0.01	26.50 2.21 0.00	27.92 2.35 0.00	31.40 2.67 -0.01	35.14 3.02 -0.01	33.04 2.56 -1.01	31.65 2.28 -0.48	29.16 2.08 0.00	25.43 1.71 0.00	23.21 1.74 -0.01	20.83 1.31 0.00
GOWANUS_GT1_4 24080	19.73 1.31 -0.17	18.45 1.13 -0.66	17.36 1.04 -0.38	16.65 1.02 -0.17	17.03 1.03 -0.11	17.94 1.02 0.00	20.48 1.18 0.00	22.48 1.42 -0.81	23.53 1.51 -1.35	24.10 1.65 -0.79	24.48 1.67 -2.00	24.70 1.74 -1.99	25.21 1.88 -1.23	25.37 2.20 -0.01	26.50 2.21 0.00	27.92 2.35 0.00	31.40 2.67 -0.01	35.14 3.02 -0.01	33.04 2.56 -1.01	31.65 2.28 -0.48	29.16 2.08 0.00	25.43 1.71 0.00	23.21 1.74 -0.01	20.83 1.31 0.00
GOWANUS_GT1_5 24084	19.73 1.31 -0.17	18.45 1.13 -0.66	17.36 1.04 -0.38	16.65 1.02 -0.17	17.03 1.03 -0.11	17.94 1.02 0.00	20.48 1.18 0.00	22.48 1.42 -0.81	23.53 1.51 -1.35	24.10 1.65 -0.79	24.48 1.67 -2.00	24.70 1.74 -1.99	25.21 1.88 -1.23	25.37 2.20 -0.01	26.50 2.21 0.00	27.92 2.35 0.00	31.40 2.67 -0.01	35.14 3.02 -0.01	33.04 2.56 -1.01	31.65 2.28 -0.48	29.16 2.08 0.00	25.43 1.71 0.00	23.21 1.74 -0.01	20.83 1.31 0.00
GOWANUS_GT1_6 24111	19.73 1.31 -0.17	18.45 1.13 -0.66	17.36 1.04 -0.38	16.65 1.02 -0.17	17.03 1.03 -0.11	17.94 1.02 0.00	20.48 1.18 0.00	22.48 1.42 -0.81	23.53 1.51 -1.35	24.10 1.65 -0.79	24.48 1.67 -2.00	24.70 1.74 -1.99	25.21 1.88 -1.23	25.37 2.20 -0.01	26.50 2.21 0.00	27.92 2.35 0.00	31.40 2.67 -0.01	35.14 3.02 -0.01	33.04 2.56 -1.01	31.65 2.28 -0.48	29.16 2.08 0.00	25.43 1.71 0.00	23.21 1.74 -0.01	20.83 1.31 0.00
GOWANUS_GT1_7 24112	19.73 1.31 -0.17	18.45 1.13 -0.66	17.36 1.04 -0.38	16.65 1.02 -0.17	17.03 1.03 -0.11	17.94 1.02 0.00	20.48 1.18 0.00	22.48 1.42 -0.81	23.53 1.51 -1.35	24.10 1.65 -0.79	24.48 1.67 -2.00	24.70 1.74 -1.99	25.21 1.88 -1.23	25.37 2.20 -0.01	26.50 2.21 0.00	27.92 2.35 0.00	31.40 2.67 -0.01	35.14 3.02 -0.01	33.04 2.56 -1.01	31.65 2.28 -0.48	29.16 2.08 0.00	25.43 1.71 0.00	23.21 1.74 -0.01	20.83 1.31 0.00
GOWANUS_GT1_8 24113	19.73 1.31 -0.17	18.45 1.13 -0.66	17.36 1.04 -0.38	16.65 1.02 -0.17	17.03 1.03 -0.11	17.94 1.02 0.00	20.48 1.18 0.00	22.48 1.42 -0.81	23.53 1.51 -1.35	24.10 1.65 -0.79	24.48 1.67 -2.00	24.70 1.74 -1.99	25.21 1.88 -1.23	25.37 2.20 -0.01	26.50 2.21 0.00	27.92 2.35 0.00	31.40 2.67 -0.01	35.14 3.02 -0.01	33.04 2.56 -1.01	31.65 2.28 -0.48	29.16 2.08 0.00	25.43 1.71 0.00	23.21 1.74 -0.01	20.83 1.31 0.00
GOWANUS_GT2_1 24114	19.73 1.31 -0.17	18.45 1.13 -0.66	17.36 1.04 -0.38	16.65 1.02 -0.17	17.03 1.03 -0.11	17.94 1.02 0.00	20.48 1.18 0.00	22.48 1.42 -0.81	23.53 1.51 -1.35	24.10 1.65 -0.79	24.48 1.67 -2.00	24.70 1.74 -1.99	25.21 1.88 -1.23	25.23 2.06 -0.01	26.45 2.16 0.00	27.89 2.33 0.00	31.37 2.64 -0.01	35.04 2.92 -0.01	32.92 2.44 -1.01	31.59 2.22 -0.48	29.08 2.00 0.00	25.43 1.71 0.00	23.21 1.74 -0.01	20.83 1.31 0.00
GOWANUS_GT2_2 24115	19.73 1.31 -0.17	18.45 1.13 -0.66	17.36 1.04 -0.38	16.65 1.02 -0.17	17.03 1.03 -0.11	17.94 1.02 0.00	20.48 1.18 0.00	22.48 1.42 -0.81	23.53 1.51 -1.35	24.10 1.65 -0.79	24.48 1.67 -2.00	24.70 1.74 -1.99	25.21 1.88 -1.23	25.23 2.06 -0.01	26.45 2.16 0.00	27.89 2.33 0.00	31.37 2.64 -0.01	35.04 2.92 -0.01	32.92 2.44 -1.01	31.59 2.22 -0.48	29.08 2.00 0.00	25.43 1.71 0.00	23.21 1.74 -0.01	20.83 1.31 0.00
GOWANUS_GT2_3 24116	19.73 1.31 -0.17	18.45 1.13 -0.66	17.36 1.04 -0.38	16.65 1.02 -0.17	17.03 1.03 -0.11	17.94 1.02 0.00	20.48 1.18 0.00	22.48 1.42 -0.81	23.53 1.51 -1.35	24.10 1.65 -0.79	24.48 1.67 -2.00	24.70 1.74 -1.99	25.21 1.88 -1.23	25.23 2.06 -0.01	26.45 2.16 0.00	27.89 2.33 0.00	31.37 2.64 -0.01	35.04 2.92 -0.01	32.92 2.44 -1.01	31.59 2.22 -0.48	29.08 2.00 0.00	25.43 1.71 0.00	23.21 1.74 -0.01	20.83 1.31 0.00
GOWANUS_GT2_4 24117	19.73 1.31 -0.17	18.45 1.13 -0.66	17.36 1.04 -0.38	16.65 1.02 -0.17	17.03 1.03 -0.11	17.94 1.02 0.00	20.48 1.18 0.00	22.48 1.42 -0.81	23.53 1.51 -1.35	24.10 1.65 -0.79	24.48 1.67 -2.00	24.70 1.74 -1.99	25.21 1.88 -1.23	25.23 2.06 -0.01	26.45 2.16 0.00	27.89 2.33 0.00	31.37 2.64 -0.01	35.04 2.92 -0.01	32.92 2.44 -1.01	31.59 2.22 -0.48	29.08 2.00 0.00	25.43 1.71 0.00	23.21 1.74 -0.01	20.83 1.31 0.00
GOWANUS_GT2_5 24118	19.73 1.31 -0.17	18.45 1.13 -0.66	17.36 1.04 -0.38	16.65 1.02 -0.17	17.03 1.03 -0.11	17.94 1.02 0.00	20.48 1.18 0.00	22.48 1.42 -0.81	23.53 1.51 -1.35	24.10 1.65 -0.79	24.48 1.67 -2.00	24.70 1.74 -1.99	25.21 1.88 -1.23	25.23 2.06 -0.01	26.45 2.16 0.00	27.89 2.33 0.00	31.37 2.64 -0.01	35.04 2.92 -0.01	32.92 2.44 -1.01	31.59 2.22 -0.48	29.08 2.00 0.00	25.43 1.71 0.00	23.21 1.74 -0.01	20.83 1.31 0.00
GOWANUS_GT2_6 24119	19.73 1.31 -0.17	18.45 1.13 -0.66	17.36 1.04 -0.38	16.65 1.02 -0.17	17.03 1.03 -0.11	17.94 1.02 0.00	20.48 1.18 0.00	22.48 1.42 -0.81	23.53 1.51 -1.35	24.10 1.65 -0.79	24.48 1.67 -2.00	24.70 1.74 -1.99	25.21 1.88 -1.23	25.23 2.06 -0.01	26.45 2.16 0.00	27.89 2.33 0.00	31.37 2.64 -0.01	35.04 2.92 -0.01	32.92 2.44 -1.01	31.59 2.22 -0.48	29.08 2.00 0.00	25.43 1.71 0.00	23.21 1.74 -0.01	20.83 1.31 0.00
GOWANUS_GT2_7 24120	19.73 1.31 -0.17	18.45 1.13 -0.66	17.36 1.04 -0.38	16.65 1.02 -0.17	17.03 1.03 -0.11	17.94 1.02 0.00	20.48 1.18 0.00	22.48 1.42 -0.81	23.53 1.51 -1.35	24.10 1.65 -0.79	24.48 1.67 -2.00	24.70 1.74 -1.99	25.21 1.88 -1.23	25.23 2.06 -0.01	26.45 2.16 0.00	27.89 2.33 0.00	31.37 2.64 -0.01	35.04 2.92 -0.01	32.92 2.44 -1.01	31.59 2.22 -0.48	29.08 2.00 0.00	25.43 1.71 0.00	23.21 1.74 -0.01	20.83 1.31 0.00
GOWANUS_GT2_8 24121	19.73 1.31 -0.17	18.45 1.13 -0.66	17.36 1.04 -0.38	16.65 1.02 -0.17	17.03 1.03 -0.11	17.94 1.02 0.00	20.48 1.18 0.00	22.48 1.42 -0.81	23.53 1.51 -1.35	24.10 1.65 -0.79	24.48 1.67 -2.00	24.70 1.74 -1.99	25.21 1.88 -1.23	25.23 2.06 -0.01	26.45 2.16 0.00	27.89 2.33 0.00	31.37 2.64 -0.01	35.04 2.92 -0.01	32.92 2.44 -1.01	31.59 2.22 -0.48	29.08 2.00 0.00	25.43 1.71 0.00	23.21 1.74 -0.01	20.83 1.31 0.00
GOWANUS_GT3_1 24122	19.73 1.31 -0.17	18.45 1.13 -0.66	17.36 1.04 -0.38	16.65 1.02 -0.17	17.03 1.03 -0.11	17.94 1.02 0.00	20.48 1.18 0.00	22.48 1.42 -0.81	23.53 1.51 -1.35	24.10 1.65 -0.79	24.48 1.67 -2.00	24.70 1.74 -1.99	25.21 1.88 -1.23	25.23 2.06 -0.01	26.45 2.16 0.00	27.89 2.33 0.00	31.37 2.64 -0.01	35.04 2.92 -0.01	32.92 2.44 -1.01	31.59 2.22 -0.48	29.08 2.00 0.00	25.43 1.71 0.00	23.21 1.74 -0.01	20.83 1.31 0.00

GOWANUS_GT3_2 24123	19.73 1.31 -0.17	18.45 1.13 -0.66	17.36 1.04 -0.38	16.65 1.02 -0.17	17.03 1.03 -0.11	17.94 1.02 0.00	20.48 1.18 0.00	22.48 1.42 -0.81	23.53 1.51 -1.35	24.10 1.65 -0.79	24.48 1.67 -2.00	24.70 1.74 -1.99	25.21 1.88 -1.23	25.23 2.06 -0.01	26.45 2.16 0.00	27.89 2.33 0.00	31.37 2.64 -0.01	35.04 2.92 -0.01	32.92 2.44 -1.01	31.59 2.22 -0.48	29.08 2.00 0.00	25.43 1.71 0.00	23.21 1.74 -0.01	20.83 1.31 0.00
GOWANUS_GT3_3 24124	19.73 1.31 -0.17	18.45 1.13 -0.66	17.36 1.04 -0.38	16.65 1.02 -0.17	17.03 1.03 -0.11	17.94 1.02 0.00	20.48 1.18 0.00	22.48 1.42 -0.81	23.53 1.51 -1.35	24.10 1.65 -0.79	24.48 1.67 -2.00	24.70 1.74 -1.99	25.21 1.88 -1.23	25.23 2.06 -0.01	26.45 2.16 0.00	27.89 2.33 0.00	31.37 2.64 -0.01	35.04 2.92 -0.01	32.92 2.44 -1.01	31.59 2.22 -0.48	29.08 2.00 0.00	25.43 1.71 0.00	23.21 1.74 -0.01	20.83 1.31 0.00
GOWANUS_GT3_4 24125	19.73 1.31 -0.17	18.45 1.13 -0.66	17.36 1.04 -0.38	16.65 1.02 -0.17	17.03 1.03 -0.11	17.94 1.02 0.00	20.48 1.18 0.00	22.48 1.42 -0.81	23.53 1.51 -1.35	24.10 1.65 -0.79	24.48 1.67 -2.00	24.70 1.74 -1.99	25.21 1.88 -1.23	25.23 2.06 -0.01	26.45 2.16 0.00	27.89 2.33 0.00	31.37 2.64 -0.01	35.04 2.92 -0.01	32.92 2.44 -1.01	31.59 2.22 -0.48	29.08 2.00 0.00	25.43 1.71 0.00	23.21 1.74 -0.01	20.83 1.31 0.00
GOWANUS_GT3_5 24126	19.73 1.31 -0.17	18.45 1.13 -0.66	17.36 1.04 -0.38	16.65 1.02 -0.17	17.03 1.03 -0.11	17.94 1.02 0.00	20.48 1.18 0.00	22.48 1.42 -0.81	23.53 1.51 -1.35	24.10 1.65 -0.79	24.48 1.67 -2.00	24.70 1.74 -1.99	25.21 1.88 -1.23	25.23 2.06 -0.01	26.45 2.16 0.00	27.89 2.33 0.00	31.37 2.64 -0.01	35.04 2.92 -0.01	32.92 2.44 -1.01	31.59 2.22 -0.48	29.08 2.00 0.00	25.43 1.71 0.00	23.21 1.74 -0.01	20.83 1.31 0.00
GOWANUS_GT3_6 24127	19.73 1.31 -0.17	18.45 1.13 -0.66	17.36 1.04 -0.38	16.65 1.02 -0.17	17.03 1.03 -0.11	17.94 1.02 0.00	20.48 1.18 0.00	22.48 1.42 -0.81	23.53 1.51 -1.35	24.10 1.65 -0.79	24.48 1.67 -2.00	24.70 1.74 -1.99	25.21 1.88 -1.23	25.23 2.06 -0.01	26.45 2.16 0.00	27.89 2.33 0.00	31.37 2.64 -0.01	35.04 2.92 -0.01	32.92 2.44 -1.01	31.59 2.22 -0.48	29.08 2.00 0.00	25.43 1.71 0.00	23.21 1.74 -0.01	20.83 1.31 0.00
GOWANUS_GT3_7 24128	19.73 1.31 -0.17	18.45 1.13 -0.66	17.36 1.04 -0.38	16.65 1.02 -0.17	17.03 1.03 -0.11	17.94 1.02 0.00	20.48 1.18 0.00	22.48 1.42 -0.81	23.53 1.51 -1.35	24.10 1.65 -0.79	24.48 1.67 -2.00	24.70 1.74 -1.99	25.21 1.88 -1.23	25.23 2.06 -0.01	26.45 2.16 0.00	27.89 2.33 0.00	31.37 2.64 -0.01	35.04 2.92 -0.01	32.92 2.44 -1.01	31.59 2.22 -0.48	29.08 2.00 0.00	25.43 1.71 0.00	23.21 1.74 -0.01	20.83 1.31 0.00
GOWANUS_GT3_8 24129	19.73 1.31 -0.17	18.45 1.13 -0.66	17.36 1.04 -0.38	16.65 1.02 -0.17	17.03 1.03 -0.11	17.94 1.02 0.00	20.48 1.18 0.00	22.48 1.42 -0.81	23.53 1.51 -1.35	24.10 1.65 -0.79	24.48 1.67 -2.00	24.70 1.74 -1.99	25.21 1.88 -1.23	25.23 2.06 -0.01	26.45 2.16 0.00	27.89 2.33 0.00	31.37 2.64 -0.01	35.04 2.92 -0.01	32.92 2.44 -1.01	31.59 2.22 -0.48	29.08 2.00 0.00	25.43 1.71 0.00	23.21 1.74 -0.01	20.83 1.31 0.00
GOWANUS_GT4_1 24130	19.73 1.31 -0.17	18.45 1.13 -0.66	17.36 1.04 -0.38	16.65 1.02 -0.17	17.03 1.03 -0.11	17.94 1.02 0.00	20.48 1.18 0.00	22.48 1.42 -0.81	23.53 1.51 -1.35	24.10 1.65 -0.79	24.48 1.67 -2.00	24.70 1.74 -1.99	25.21 1.88 -1.23	25.37 2.20 -0.01	26.50 2.21 0.00	27.92 2.35 0.00	31.40 2.67 -0.01	35.14 3.02 -0.01	33.04 2.56 -1.01	31.65 2.28 -0.48	29.16 2.08 0.00	25.43 1.71 0.00	23.21 1.74 -0.01	20.83 1.31 0.00
GOWANUS_GT4_2 24131	19.73 1.31 -0.17	18.45 1.13 -0.66	17.36 1.04 -0.38	16.65 1.02 -0.17	17.03 1.03 -0.11	17.94 1.02 0.00	20.48 1.18 0.00	22.48 1.42 -0.81	23.53 1.51 -1.35	24.10 1.65 -0.79	24.48 1.67 -2.00	24.70 1.74 -1.99	25.21 1.88 -1.23	25.37 2.20 -0.01	26.50 2.21 0.00	27.92 2.35 0.00	31.40 2.67 -0.01	35.14 3.02 -0.01	33.04 2.56 -1.01	31.65 2.28 -0.48	29.16 2.08 0.00	25.43 1.71 0.00	23.21 1.74 -0.01	20.83 1.31 0.00
GOWANUS_GT4_3 24132	19.73 1.31 -0.17	18.45 1.13 -0.66	17.36 1.04 -0.38	16.65 1.02 -0.17	17.03 1.03 -0.11	17.94 1.02 0.00	20.48 1.18 0.00	22.48 1.42 -0.81	23.53 1.51 -1.35	24.10 1.65 -0.79	24.48 1.67 -2.00	24.70 1.74 -1.99	25.21 1.88 -1.23	25.37 2.20 -0.01	26.50 2.21 0.00	27.92 2.35 0.00	31.40 2.67 -0.01	35.14 3.02 -0.01	33.04 2.56 -1.01	31.65 2.28 -0.48	29.16 2.08 0.00	25.43 1.71 0.00	23.21 1.74 -0.01	20.83 1.31 0.00
GOWANUS_GT4_4 24133	19.73 1.31 -0.17	18.45 1.13 -0.66	17.36 1.04 -0.38	16.65 1.02 -0.17	17.03 1.03 -0.11	17.94 1.02 0.00	20.48 1.18 0.00	22.48 1.42 -0.81	23.53 1.51 -1.35	24.10 1.65 -0.79	24.48 1.67 -2.00	24.70 1.74 -1.99	25.21 1.88 -1.23	25.37 2.20 -0.01	26.50 2.21 0.00	27.92 2.35 0.00	31.40 2.67 -0.01	35.14 3.02 -0.01	33.04 2.56 -1.01	31.65 2.28 -0.48	29.16 2.08 0.00	25.43 1.71 0.00	23.21 1.74 -0.01	20.83 1.31 0.00
GOWANUS_GT4_5 24134	19.73 1.31 -0.17	18.45 1.13 -0.66	17.36 1.04 -0.38	16.65 1.02 -0.17	17.03 1.03 -0.11	17.94 1.02 0.00	20.48 1.18 0.00	22.48 1.42 -0.81	23.53 1.51 -1.35	24.10 1.65 -0.79	24.48 1.67 -2.00	24.70 1.74 -1.99	25.21 1.88 -1.23	25.37 2.20 -0.01	26.50 2.21 0.00	27.92 2.35 0.00	31.40 2.67 -0.01	35.14 3.02 -0.01	33.04 2.56 -1.01	31.65 2.28 -0.48	29.16 2.08 0.00	25.43 1.71 0.00	23.21 1.74 -0.01	20.83 1.31 0.00
GOWANUS_GT4_6 24135	19.73 1.31 -0.17	18.45 1.13 -0.66	17.36 1.04 -0.38	16.65 1.02 -0.17	17.03 1.03 -0.11	17.94 1.02 0.00	20.48 1.18 0.00	22.48 1.42 -0.81	23.53 1.51 -1.35	24.10 1.65 -0.79	24.48 1.67 -2.00	24.70 1.74 -1.99	25.21 1.88 -1.23	25.37 2.20 -0.01	26.50 2.21 0.00	27.92 2.35 0.00	31.40 2.67 -0.01	35.14 3.02 -0.01	33.04 2.56 -1.01	31.65 2.28 -0.48	29.16 2.08 0.00	25.43 1.71 0.00	23.21 1.74 -0.01	20.83 1.31 0.00
GOWANUS_GT4_7 24136	19.73 1.31 -0.17	18.45 1.13 -0.66	17.36 1.04 -0.38	16.65 1.02 -0.17	17.03 1.03 -0.11	17.94 1.02 0.00	20.48 1.18 0.00	22.48 1.42 -0.81	23.53 1.51 -1.35	24.10 1.65 -0.79	24.48 1.67 -2.00	24.70 1.74 -1.99	25.21 1.88 -1.23	25.37 2.20 -0.01	26.50 2.21 0.00	27.92 2.35 0.00	31.40 2.67 -0.01	35.14 3.02 -0.01	33.04 2.56 -1.01	31.65 2.28 -0.48	29.16 2.08 0.00	25.43 1.71 0.00	23.21 1.74 -0.01	20.83 1.31 0.00
GOWANUS_GT4_8 24137	19.73 1.31 -0.17	18.45 1.13 -0.66	17.36 1.04 -0.38	16.65 1.02 -0.17	17.03 1.03 -0.11	17.94 1.02 0.00	20.48 1.18 0.00	22.48 1.42 -0.81	23.53 1.51 -1.35	24.10 1.65 -0.79	24.48 1.67 -2.00	24.70 1.74 -1.99	25.21 1.88 -1.23	25.37 2.20 -0.01	26.50 2.21 0.00	27.92 2.35 0.00	31.40 2.67 -0.01	35.14 3.02 -0.01	33.04 2.56 -1.01	31.65 2.28 -0.48	29.16 2.08 0.00	25.43 1.71 0.00	23.21 1.74 -0.01	20.83 1.31 0.00

GREENBSH_115KV_TB3 55895	19.05 0.60 -0.21	17.98 0.50 -0.81	16.94 0.53 -0.47	16.18 0.51 -0.21	16.55 0.52 -0.13	17.45 0.52 0.00	19.82 0.56 0.04	18.96 0.61 1.91	19.25 0.64 2.06	17.84 0.69 4.52	18.92 0.65 2.54	18.98 0.65 2.64	19.02 0.68 3.76	20.29 0.79 3.66	21.50 0.75 3.54	23.99 0.74 2.32	24.96 0.86 4.63	28.02 0.96 5.06	26.09 0.85 4.24	30.67 0.84 -0.95	27.83 0.76 0.00	24.36 0.64 0.00	22.03 0.56 0.00	20.03 0.51 0.00
GREENDGE_115KV_TB5 80291	18.37 0.09 -0.03	16.69 -0.10 -0.13	15.94 -0.08 -0.08	15.46 -0.03 -0.03	15.90 -0.02 -0.02	17.01 0.08 0.00	19.63 0.33 0.00	20.56 0.14 -0.17	21.18 0.23 -0.28	22.00 0.17 -0.16	21.35 0.12 -0.41	21.47 0.08 -0.41	22.44 0.09 -0.25	23.18 0.02 0.00	24.46 0.17 0.00	25.85 0.28 0.00	29.01 0.29 0.00	32.40 0.29 0.00	29.94 0.27 -0.21	29.27 0.29 -0.10	27.40 0.32 0.00	24.10 0.38 0.00	21.83 0.36 0.00	19.93 0.41 0.00
GREENIDGE___3 23582	18.37 0.09 -0.03	16.69 -0.10 -0.13	15.94 -0.08 -0.08	15.46 -0.03 -0.03	15.90 -0.02 -0.02	17.01 0.08 0.00	19.63 0.33 0.00	20.56 0.14 -0.17	21.18 0.23 -0.28	22.00 0.17 -0.16	21.35 0.12 -0.41	21.47 0.08 -0.41	22.44 0.09 -0.25	23.18 0.02 0.00	24.46 0.17 0.00	25.85 0.28 0.00	29.01 0.29 0.00	32.40 0.29 0.00	29.94 0.27 -0.21	29.27 0.29 -0.10	27.40 0.32 0.00	24.10 0.38 0.00	21.83 0.36 0.00	19.93 0.41 0.00
GREENIDGE___4 23583	18.37 0.09 -0.03	16.70 -0.10 -0.13	15.94 -0.08 -0.08	15.46 -0.03 -0.03	15.90 -0.02 -0.02	17.01 0.09 0.00	19.63 0.33 0.00	20.56 0.14 -0.17	21.18 0.23 -0.28	22.00 0.17 -0.16	21.35 0.13 -0.41	21.47 0.08 -0.41	22.44 0.09 -0.25	23.28 0.12 0.00	24.44 0.15 0.00	25.82 0.26 0.00	28.98 0.26 0.00	32.44 0.32 0.00	30.09 0.41 -0.21	29.36 0.37 -0.10	27.45 0.38 0.00	24.10 0.38 0.00	21.83 0.36 0.00	19.93 0.41 0.00
GREENLWN_69_KV_BK 3 55738	29.51 1.31 -9.96	29.45 1.17 -11.62	20.52 1.12 -3.46	20.04 1.08 -3.49	21.09 1.11 -4.08	20.16 1.18 -2.05	29.46 1.37 -8.79	29.93 1.52 -8.16	29.97 1.67 -7.62	30.49 1.75 -7.07	30.48 1.54 -8.12	28.36 1.59 -5.79	28.39 1.66 -4.63	34.83 1.95 -9.73	34.72 2.02 -8.42	41.67 2.10 -14.01	45.62 2.33 -14.57	50.99 2.63 -16.24	52.71 2.21 -21.03	40.07 2.02 -9.17	37.80 1.84 -8.89	32.43 1.45 -7.26	27.60 1.48 -4.65	26.63 1.17 -5.94
GREENWD_138_KV_38B11_REV_LBMP_J 345004	19.73 1.31 -0.17	18.45 1.13 -0.66	17.36 1.04 -0.38	16.65 1.02 -0.17	17.03 1.03 -0.11	17.94 1.02 0.00	20.48 1.18 0.00	22.48 1.42 -0.81	23.53 1.51 -1.35	24.10 1.65 -0.79	24.48 1.67 -2.00	24.70 1.74 -1.99	25.21 1.88 -1.23	25.37 2.20 -0.01	26.50 2.21 0.00	27.92 2.35 0.00	31.40 2.67 -0.01	35.14 3.02 -0.01	33.04 2.56 -1.01	31.65 2.28 -0.48	29.16 2.08 0.00	25.43 1.71 0.00	23.21 1.74 -0.01	20.83 1.31 0.00
GRISSOM___SOLAR 323813	20.55 2.06 -0.24	19.37 1.75 -0.95	18.14 1.64 -0.56	17.33 1.62 -0.24	17.75 1.70 -0.16	18.82 1.90 0.00	21.39 2.09 0.00	24.95 2.21 -2.49	27.35 2.15 -4.53	26.81 2.08 -3.07	29.53 2.06 -6.65	29.59 1.99 -6.63	28.56 2.08 -4.39	25.71 2.09 -0.46	26.95 2.21 -0.45	28.19 2.33 -0.29	32.13 2.82 -0.59	36.03 3.28 -0.64	36.56 3.39 -3.70	33.63 3.38 -1.37	30.32 3.25 0.00	26.57 2.85 0.00	23.85 2.38 0.00	21.57 2.05 0.00
GROVEVILLE___HYD 323602	19.58 1.17 -0.17	18.34 1.02 -0.66	17.28 0.96 -0.39	16.56 0.93 -0.17	16.97 0.97 -0.11	17.94 1.02 0.00	20.46 1.16 0.00	22.39 1.32 -0.82	23.42 1.39 -1.36	23.91 1.45 -0.79	24.27 1.44 -2.02	24.45 1.47 -2.00	24.89 1.55 -1.25	25.01 1.85 0.00	26.21 1.92 0.00	27.61 2.05 0.00	31.05 2.33 0.00	34.72 2.60 0.00	32.75 2.27 -1.01	31.48 2.11 -0.49	29.00 1.92 0.00	25.31 1.59 0.00	22.93 1.46 0.00	20.69 1.17 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	18.30 0.04 -0.02	16.70 -0.03 -0.07	15.95 -0.03 -0.04	15.45 -0.03 -0.02	15.87 -0.03 -0.01	16.91 -0.02 0.00	19.38 0.08 0.00	20.31 -0.02 -0.08	20.78 -0.02 -0.13	21.65 -0.09 -0.08	20.91 -0.10 -0.19	21.06 -0.10 -0.19	22.10 -0.11 -0.12	23.00 -0.16 0.00	24.19 -0.10 0.00	25.52 -0.05 0.00	28.69 -0.03 0.00	32.02 -0.10 0.00	29.48 -0.09 -0.10	28.84 -0.09 -0.05	27.02 -0.05 0.00	23.67 -0.05 0.00	21.42 -0.04 0.00	19.58 0.06 0.00
HAMLTNNY_34_KV_TB 80303	18.37 0.11 -0.02	16.75 0.02 -0.07	16.00 0.02 -0.04	15.50 0.02 -0.02	15.92 0.02 -0.01	16.98 0.05 0.00	19.46 0.15 0.00	20.38 0.04 -0.08	20.86 0.04 -0.14	21.75 0.00 -0.08	21.01 -0.02 -0.21	21.16 -0.02 -0.21	22.18 -0.04 -0.13	23.07 -0.09 0.00	24.27 -0.02 0.00	25.59 0.03 0.00	28.78 0.06 0.00	32.15 0.03 0.00	29.57 0.00 -0.10	28.96 0.03 -0.05	27.10 0.03 0.00	23.77 0.05 0.00	21.51 0.04 0.00	19.66 0.14 0.00
HAMPSHIRE___PAPER_HYD 323593	18.39 0.15 0.00	16.87 0.18 -0.02	16.11 0.16 -0.01	15.62 0.15 0.00	16.07 0.18 0.00	17.16 0.24 0.00	19.53 0.23 0.00	20.66 0.40 0.00	21.02 0.35 0.00	22.03 0.37 0.00	21.09 0.27 0.00	21.23 0.25 0.00	22.36 0.27 0.00	23.37 0.21 0.00	24.48 0.19 0.00	25.72 0.15 0.00	28.89 0.17 0.00	32.21 0.10 0.00	29.76 0.29 0.00	29.29 0.40 0.00	27.72 0.65 0.00	24.27 0.55 0.00	21.75 0.28 0.00	19.70 0.18 0.00
HARDSCRABBLE_WT_PWR 323673	17.92 -0.33 0.00	16.43 -0.23 0.00	15.75 -0.19 0.00	15.26 -0.20 0.00	15.67 -0.22 0.00	16.71 -0.22 0.00	19.09 -0.21 0.00	20.05 -0.20 0.00	20.49 -0.19 0.00	21.49 -0.17 0.00	20.65 -0.17 0.00	20.78 -0.19 0.00	21.94 -0.15 0.00	23.00 -0.16 0.00	24.12 -0.17 0.00	25.39 -0.18 0.00	28.55 -0.17 0.00	31.99 -0.13 0.00	29.41 -0.06 0.00	28.85 -0.03 0.00	27.05 -0.03 0.00	23.70 -0.02 0.00	21.42 -0.04 0.00	19.48 -0.04 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	19.37 0.97 -0.16	18.12 0.83 -0.62	17.08 0.78 -0.36	16.38 0.76 -0.16	16.77 0.78 -0.10	17.76 0.83 0.00	20.29 0.98 0.00	22.15 1.13 -0.76	23.14 1.20 -1.27	23.70 1.30 -0.74	23.99 1.29 -1.88	24.16 1.32 -1.87	24.67 1.41 -1.16	24.85 1.69 0.00	26.04 1.75 0.00	27.43 1.87 0.00	30.82 2.10 0.00	34.46 2.34 0.00	32.41 2.00 -0.94	31.16 1.82 -0.45	28.73 1.65 0.00	25.10 1.38 0.00	22.76 1.29 0.00	20.50 0.98 0.00
HARSNRAD_115KV_TB1 81005	17.94 -0.33 -0.03	16.17 -0.60 -0.10	15.52 -0.48 -0.06	15.07 -0.42 -0.03	15.43 -0.48 -0.02	16.49 -0.44 0.00	19.01 -0.29 0.00	19.51 -0.87 -0.13	20.26 -0.62 -0.21	21.12 -0.67 -0.12	20.46 -0.67 -0.31	20.57 -0.71 -0.31	21.51 -0.77 -0.19	22.21 -0.95 0.00	23.59 -0.70 0.00	24.88 -0.69 0.00	27.60 -1.12 0.00	30.86 -1.25 0.00	28.47 -1.15 -0.15	27.89 -1.07 -0.08	26.24 -0.84 0.00	23.27 -0.45 0.00	21.36 -0.11 0.00	19.62 0.10 0.00
HARZA MOOSE___RIVER 24016	18.61 0.36 -0.01	17.01 0.32 -0.02	16.24 0.29 -0.01	15.75 0.28 -0.01	16.20 0.30 0.00	17.30 0.37 0.00	19.76 0.46 0.00	20.76 0.51 0.00	21.15 0.48 0.00	22.14 0.48 0.00	21.21 0.40 0.00	21.35 0.38 0.00	22.49 0.40 0.00	23.49 0.32 0.00	24.63 0.34 0.00	25.90 0.33 0.00	29.24 0.52 0.00	32.72 0.61 0.00	30.21 0.74 0.00	29.69 0.81 0.00	27.91 0.84 0.00	24.39 0.66 0.00	21.90 0.43 0.00	19.89 0.37 0.00

HDSNBRDG_115KV_BRDG_TB1 355580	18.20 -0.05 -0.02	16.59 -0.13 -0.06	15.85 -0.13 -0.04	15.35 -0.12 -0.02	15.77 -0.13 -0.01	16.82 -0.10 0.00	19.26 -0.04 0.00	20.18 -0.14 -0.07	20.64 -0.14 -0.11	21.54 -0.19 -0.07	20.80 -0.19 -0.17	20.95 -0.19 -0.17	22.00 -0.20 -0.11	22.88 -0.28 0.00	24.05 -0.24 0.00	25.36 -0.20 0.00	28.49 -0.23 0.00	31.83 -0.29 0.00	29.26 -0.29 -0.09	28.66 -0.26 -0.04	26.83 -0.24 0.00	23.53 -0.19 0.00	21.32 -0.15 0.00	19.46 -0.06 0.00
HELLGATE_13_KV_LD 55870	19.68 1.26 -0.17	18.41 1.08 -0.66	17.33 1.00 -0.39	16.62 0.99 -0.17	17.02 1.02 -0.11	17.94 1.02 0.00	20.48 1.18 0.00	22.48 1.42 -0.81	23.51 1.49 -1.35	24.08 1.62 -0.79	24.44 1.62 -2.00	24.66 1.70 -1.99	25.16 1.83 -1.23	25.32 2.15 -0.01	26.43 2.14 0.00	27.82 2.25 0.00	31.23 2.50 -0.01	34.95 2.83 -0.01	32.83 2.36 -1.01	31.50 2.14 -0.48	29.02 1.95 0.00	25.36 1.64 0.00	23.13 1.65 -0.01	20.77 1.25 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	19.68 1.26 -0.17	18.41 1.08 -0.66	17.33 1.00 -0.39	16.62 0.99 -0.17	17.02 1.02 -0.11	17.94 1.02 0.00	20.48 1.18 0.00	22.48 1.42 -0.81	23.51 1.49 -1.35	24.08 1.62 -0.79	24.44 1.62 -2.00	24.66 1.70 -1.99	25.16 1.83 -1.23	25.32 2.15 -0.01	26.43 2.14 0.00	27.82 2.25 0.00	31.23 2.50 -0.01	34.95 2.83 -0.01	32.83 2.36 -1.01	31.50 2.14 -0.48	29.02 1.95 0.00	25.36 1.64 0.00	23.13 1.65 -0.01	20.77 1.25 0.00
HEMPSTEAD____ 23647	29.55 1.35 -9.96	29.47 1.18 -11.62	20.52 1.12 -3.46	20.04 1.08 -3.49	21.09 1.11 -4.09	20.16 1.18 -2.05	29.48 1.39 -8.79	29.97 1.56 -8.16	29.95 1.65 -7.62	30.51 1.78 -7.07	30.64 1.71 -8.12	28.50 1.74 -5.79	28.61 1.88 -4.63	34.93 2.04 -9.73	34.87 2.16 -8.42	41.85 2.27 -14.01	45.79 2.50 -14.57	51.09 2.73 -16.24	52.80 2.30 -21.03	40.24 2.19 -9.17	37.96 2.00 -8.89	32.72 1.73 -7.26	27.84 1.72 -4.65	26.83 1.37 -5.94
HEWLETT__69_KV_BK3 55828	29.75 1.55 -9.96	29.64 1.35 -11.62	20.68 1.28 -3.46	20.19 1.24 -3.49	21.25 1.27 -4.08	20.33 1.35 -2.05	29.67 1.58 -8.79	30.17 1.76 -8.16	30.20 1.90 -7.62	30.77 2.04 -7.07	30.91 1.98 -8.12	28.76 1.99 -5.79	28.83 2.10 -4.63	35.32 2.43 -9.73	35.23 2.53 -8.42	42.08 2.51 -14.01	45.99 2.70 -14.57	51.41 3.05 -16.24	53.09 2.59 -21.03	40.45 2.40 -9.17	38.32 2.36 -8.89	33.00 2.02 -7.26	28.10 1.97 -4.65	27.06 1.60 -5.94
HICKLING___1 23621	18.47 0.18 -0.04	16.78 -0.05 -0.17	16.02 -0.02 -0.10	15.58 0.08 -0.04	16.05 0.13 -0.03	17.15 0.22 0.00	19.76 0.46 0.00	20.73 0.26 -0.21	21.43 0.39 -0.36	22.22 0.35 -0.21	21.68 0.33 -0.53	21.82 0.31 -0.53	22.73 0.31 -0.33	23.44 0.28 0.00	24.78 0.49 0.00	26.18 0.61 0.00	29.30 0.57 0.00	32.69 0.58 0.00	30.21 0.47 -0.27	29.50 0.49 -0.13	27.56 0.49 0.00	24.29 0.57 0.00	22.05 0.58 0.00	20.13 0.61 0.00
HICKLING___2 23622	18.47 0.18 -0.04	16.78 -0.05 -0.17	16.02 -0.02 -0.10	15.58 0.08 -0.04	16.05 0.13 -0.03	17.15 0.22 0.00	19.76 0.46 0.00	20.73 0.26 -0.21	21.43 0.39 -0.36	22.22 0.35 -0.21	21.68 0.33 -0.53	21.82 0.31 -0.53	22.73 0.31 -0.33	23.44 0.28 0.00	24.78 0.49 0.00	26.18 0.61 0.00	29.30 0.57 0.00	32.69 0.58 0.00	30.21 0.47 -0.27	29.50 0.49 -0.13	27.56 0.49 0.00	24.29 0.57 0.00	22.05 0.58 0.00	20.13 0.61 0.00
HIGH FALLS___HY 23754	19.34 0.93 -0.17	18.12 0.80 -0.65	17.06 0.73 -0.38	16.35 0.73 -0.17	16.76 0.76 -0.11	17.72 0.80 0.00	20.22 0.93 0.00	21.84 1.09 -0.49	22.76 1.16 -0.93	23.03 1.19 -0.17	23.46 1.21 -1.43	23.60 1.22 -1.41	24.04 1.30 -0.64	24.35 1.60 0.41	25.57 1.68 0.39	27.10 1.79 0.26	30.30 2.10 0.52	33.93 2.38 0.56	31.92 2.06 -0.38	31.22 1.82 -0.52	28.75 1.68 0.00	25.07 1.35 0.00	22.71 1.25 0.00	20.48 0.96 0.00
HILLBURN___GT 23639	19.33 0.93 -0.16	18.09 0.80 -0.63	17.04 0.73 -0.37	16.35 0.73 -0.16	16.74 0.75 -0.10	17.72 0.80 0.00	20.25 0.95 0.00	22.16 1.13 -0.77	23.14 1.18 -1.28	23.71 1.30 -0.75	24.03 1.31 -1.90	24.21 1.34 -1.89	24.71 1.44 -1.18	24.76 1.60 0.00	26.02 1.72 0.00	27.41 1.84 0.00	30.73 2.01 0.00	34.30 2.18 0.00	32.19 1.77 -0.95	30.99 1.65 -0.46	28.59 1.52 0.00	25.03 1.30 0.00	22.71 1.24 0.00	20.48 0.96 0.00
HILLSIDE_115KV_TB1 80332	18.14 -0.15 -0.04	16.50 -0.33 -0.17	15.75 -0.29 -0.10	15.32 -0.19 -0.04	15.78 -0.14 -0.03	16.86 -0.07 0.00	19.42 0.12 0.00	20.38 -0.10 -0.22	21.05 0.00 -0.37	21.84 -0.04 -0.22	21.35 -0.02 -0.55	21.48 -0.04 -0.55	22.37 -0.07 -0.34	23.04 -0.12 0.00	24.36 0.07 0.00	25.72 0.15 0.00	28.78 0.06 0.00	32.11 0.00 0.00	29.69 -0.06 -0.28	28.96 -0.06 -0.13	27.05 -0.03 0.00	23.86 0.14 0.00	21.66 0.19 0.00	19.78 0.25 0.00
HISHELDN_WT_PWR 323625	17.89 -0.38 -0.03	16.17 -0.62 -0.12	15.50 -0.51 -0.07	15.09 -0.40 -0.03	15.51 -0.40 -0.02	16.59 -0.34 0.00	19.17 -0.13 0.00	19.78 -0.63 -0.15	20.53 -0.39 -0.25	21.38 -0.43 -0.15	20.75 -0.44 -0.37	20.88 -0.46 -0.37	21.82 -0.51 -0.23	22.70 -0.46 0.00	23.85 -0.44 0.00	25.18 -0.38 0.00	28.15 -0.57 0.00	31.38 -0.74 0.00	29.18 -0.47 -0.19	28.48 -0.49 -0.09	26.64 -0.43 0.00	23.53 -0.19 0.00	21.53 0.06 0.00	19.72 0.20 0.00
HOLTSVILLE_IC_1 23690	29.57 1.37 -9.96	29.49 1.20 -11.62	20.55 1.15 -3.46	20.05 1.10 -3.49	21.12 1.14 -4.08	20.18 1.20 -2.05	29.52 1.43 -8.79	30.01 1.60 -8.16	30.05 1.76 -7.62	30.59 1.86 -7.07	30.66 1.73 -8.12	28.48 1.72 -5.79	28.50 1.77 -4.63	34.88 1.99 -9.73	34.82 2.11 -8.42	41.82 2.25 -14.01	45.70 2.41 -14.57	51.05 2.70 -16.24	52.80 2.30 -21.03	40.19 2.14 -9.17	38.02 2.06 -8.88	32.71 1.73 -7.26	27.84 1.72 -4.65	26.93 1.46 -5.94
HOLTSVILLE_IC_10 23699	29.68 1.48 -9.96	29.59 1.30 -11.62	20.63 1.23 -3.46	20.14 1.19 -3.49	21.20 1.22 -4.08	20.28 1.30 -2.05	29.61 1.52 -8.79	30.13 1.72 -8.16	30.19 1.90 -7.62	30.72 1.99 -7.07	30.81 1.87 -8.12	28.65 1.89 -5.79	28.67 1.94 -4.63	35.09 2.20 -9.73	35.02 2.31 -8.42	42.08 2.51 -14.01	45.99 2.70 -14.57	51.37 3.02 -16.24	53.09 2.59 -21.03	40.44 2.40 -9.17	38.29 2.33 -8.88	32.93 1.95 -7.26	28.01 1.89 -4.65	27.06 1.60 -5.94
HOLTSVILLE_IC_2 23691	29.57 1.37 -9.96	29.49 1.20 -11.62	20.55 1.15 -3.46	20.05 1.10 -3.49	21.12 1.14 -4.08	20.18 1.20 -2.05	29.52 1.43 -8.79	30.01 1.60 -8.16	30.05 1.76 -7.62	30.59 1.86 -7.07	30.66 1.73 -8.12	28.48 1.72 -5.79	28.50 1.77 -4.63	34.88 1.99 -9.73	34.82 2.11 -8.42	41.82 2.25 -14.01	45.70 2.41 -14.57	51.05 2.70 -16.24	52.80 2.30 -21.03	40.19 2.14 -9.17	38.02 2.06 -8.88	32.71 1.73 -7.26	27.84 1.72 -4.65	26.93 1.46 -5.94
HOLTSVILLE_IC_3 23692	29.57 1.37 -9.96	29.49 1.20 -11.62	20.55 1.15 -3.46	20.05 1.10 -3.49	21.12 1.14 -4.08	20.18 1.20 -2.05	29.52 1.43 -8.79	30.01 1.60 -8.16	30.05 1.76 -7.62	30.59 1.86 -7.07	30.66 1.73 -8.12	28.48 1.72 -5.79	28.50 1.77 -4.63	34.88 1.99 -9.73	34.82 2.11 -8.42	41.82 2.25 -14.01	45.70 2.41 -14.57	51.05 2.70 -16.24	52.80 2.30 -21.03	40.19 2.14 -9.17	38.02 2.06 -8.88	32.71 1.73 -7.26	27.84 1.72 -4.65	26.93 1.46 -5.94

HOLTSVILLE_IC_4 23693	29.57 1.37 -9.96	29.49 1.20 -11.62	20.55 1.15 -3.46	20.05 1.10 -3.49	21.12 1.14 -4.08	20.18 1.20 -2.05	29.52 1.43 -8.79	30.01 1.60 -8.16	30.05 1.76 -7.62	30.59 1.86 -7.07	30.66 1.73 -8.12	28.48 1.72 -5.79	28.50 1.77 -4.63	34.88 1.99 -9.73	34.82 2.11 -8.42	41.82 2.25 -14.01	45.70 2.41 -14.57	51.05 2.70 -16.24	52.80 2.30 -21.03	40.19 2.14 -9.17	38.02 2.06 -8.88	32.71 1.73 -7.26	27.84 1.72 -4.65	26.93 1.46 -5.94
HOLTSVILLE_IC_5 23694	29.57 1.37 -9.96	29.49 1.20 -11.62	20.55 1.15 -3.46	20.05 1.10 -3.49	21.12 1.14 -4.08	20.18 1.20 -2.05	29.52 1.43 -8.79	30.01 1.60 -8.16	30.05 1.76 -7.62	30.59 1.86 -7.07	30.66 1.73 -8.12	28.48 1.72 -5.79	28.50 1.77 -4.63	34.88 1.99 -9.73	34.82 2.11 -8.42	41.82 2.25 -14.01	45.70 2.41 -14.57	51.05 2.70 -16.24	52.80 2.30 -21.03	40.19 2.14 -9.17	38.02 2.06 -8.88	32.71 1.73 -7.26	27.84 1.72 -4.65	26.93 1.46 -5.94
HOLTSVILLE_IC_6 23695	29.68 1.48 -9.96	29.59 1.30 -11.62	20.63 1.23 -3.46	20.14 1.19 -3.49	21.20 1.22 -4.08	20.28 1.30 -2.05	29.61 1.52 -8.79	30.13 1.72 -8.16	30.19 1.90 -7.62	30.72 1.99 -7.07	30.81 1.87 -8.12	28.65 1.89 -5.79	28.67 1.94 -4.63	35.09 2.20 -9.73	35.02 2.31 -8.42	42.08 2.51 -14.01	45.99 2.70 -14.57	51.37 3.02 -16.24	53.09 2.59 -21.03	40.44 2.40 -9.17	38.29 2.33 -8.88	32.93 1.95 -7.26	28.01 1.89 -4.65	27.06 1.60 -5.94
HOLTSVILLE_IC_7 23696	29.68 1.48 -9.96	29.59 1.30 -11.62	20.63 1.23 -3.46	20.14 1.19 -3.49	21.20 1.22 -4.08	20.28 1.30 -2.05	29.61 1.52 -8.79	30.13 1.72 -8.16	30.19 1.90 -7.62	30.72 1.99 -7.07	30.81 1.87 -8.12	28.65 1.89 -5.79	28.67 1.94 -4.63	35.09 2.20 -9.73	35.02 2.31 -8.42	42.08 2.51 -14.01	45.99 2.70 -14.57	51.37 3.02 -16.24	53.09 2.59 -21.03	40.44 2.40 -9.17	38.29 2.33 -8.88	32.93 1.95 -7.26	28.01 1.89 -4.65	27.06 1.60 -5.94
HOLTSVILLE_IC_8 23697	29.68 1.48 -9.96	29.59 1.30 -11.62	20.63 1.23 -3.46	20.14 1.19 -3.49	21.20 1.22 -4.08	20.28 1.30 -2.05	29.61 1.52 -8.79	30.13 1.72 -8.16	30.19 1.90 -7.62	30.72 1.99 -7.07	30.81 1.87 -8.12	28.65 1.89 -5.79	28.67 1.94 -4.63	35.09 2.20 -9.73	35.02 2.31 -8.42	42.08 2.51 -14.01	45.99 2.70 -14.57	51.37 3.02 -16.24	53.09 2.59 -21.03	40.44 2.40 -9.17	38.29 2.33 -8.88	32.93 1.95 -7.26	28.01 1.89 -4.65	27.06 1.60 -5.94
HOLTSVILLE_IC_9 23698	29.68 1.48 -9.96	29.59 1.30 -11.62	20.63 1.23 -3.46	20.14 1.19 -3.49	21.20 1.22 -4.08	20.28 1.30 -2.05	29.61 1.52 -8.79	30.13 1.72 -8.16	30.19 1.90 -7.62	30.72 1.99 -7.07	30.81 1.87 -8.12	28.65 1.89 -5.79	28.67 1.94 -4.63	35.09 2.20 -9.73	35.02 2.31 -8.42	42.08 2.51 -14.01	45.99 2.70 -14.57	51.37 3.02 -16.24	53.09 2.59 -21.03	40.44 2.40 -9.17	38.29 2.33 -8.88	32.93 1.95 -7.26	28.01 1.89 -4.65	27.06 1.60 -5.94
HOMER_HL_115KV_TB2 355744	17.66 -0.62 -0.03	15.83 -0.97 -0.13	15.14 -0.88 -0.07	14.94 -0.56 -0.03	15.55 -0.37 -0.02	16.67 -0.25 0.00	19.32 0.02 0.00	20.01 -0.41 -0.16	20.70 -0.25 -0.27	21.58 -0.24 -0.16	21.01 -0.21 -0.40	21.12 -0.25 -0.40	22.08 -0.27 -0.25	22.77 -0.39 0.00	24.22 -0.07 0.00	25.57 0.00 0.00	28.35 -0.37 0.00	31.63 -0.48 0.00	29.14 -0.53 -0.20	28.49 -0.49 -0.10	26.70 -0.38 0.00	23.70 -0.02 0.00	21.64 0.17 0.00	19.85 0.33 0.00
HOWARD_WT_PWR 323690	18.33 0.05 -0.04	16.60 -0.20 -0.14	15.88 -0.14 -0.08	15.47 -0.03 -0.04	15.93 0.02 -0.02	17.06 0.13 0.00	19.71 0.41 0.00	20.56 0.12 -0.18	21.24 0.27 -0.30	22.05 0.22 -0.17	21.42 0.17 -0.44	21.54 0.13 -0.44	22.46 0.09 -0.27	23.30 0.14 0.00	24.51 0.22 0.00	25.90 0.33 0.00	29.01 0.29 0.00	32.44 0.32 0.00	30.19 0.50 -0.22	29.48 0.49 -0.11	27.59 0.51 0.00	24.29 0.57 0.00	22.07 0.60 0.00	20.15 0.62 0.00
HQ_GEN_CEDARS 23644	18.06 -0.18 0.00	16.60 -0.07 0.00	15.88 -0.06 0.00	15.38 -0.08 0.00	15.83 -0.06 0.00	16.86 -0.07 0.00	19.15 -0.15 0.00	20.20 -0.06 0.00	20.61 -0.06 0.00	21.60 -0.06 0.00	20.73 -0.08 0.00	20.89 -0.08 0.00	21.98 -0.11 0.00	23.04 -0.12 0.00	24.17 -0.12 0.00	25.41 -0.15 0.00	28.55 -0.17 0.00	31.83 -0.29 0.00	29.38 -0.09 0.00	28.80 -0.09 0.00	27.07 0.00 0.00	23.67 -0.05 0.00	21.36 -0.11 0.00	19.33 -0.20 0.00
HQ_GEN_CEDARS_PROXY 323590	18.06 -0.18 0.00	16.60 -0.07 0.00	15.88 -0.06 0.00	15.38 -0.08 0.00	15.83 -0.06 0.00	16.86 -0.07 0.00	19.15 -0.16 0.00	20.20 -0.06 0.00	20.61 -0.06 0.00	21.60 -0.06 0.00	20.73 -0.08 0.00	20.89 -0.08 0.00	21.98 -0.11 0.00	23.05 -0.12 0.00	24.17 -0.12 0.00	25.39 -0.18 0.00	28.55 -0.17 0.00	31.92 -0.19 0.00	29.38 -0.09 0.00	28.80 -0.09 0.00	27.07 0.00 0.00	23.67 -0.05 0.00	21.36 -0.11 0.00	19.35 -0.18 0.00
HQ_GEN_IMPORT 323601	17.97 -0.27 0.00	16.48 -0.18 0.00	15.77 -0.17 0.00	15.28 -0.18 0.00	15.72 -0.17 0.00	16.72 -0.20 0.00	19.01 -0.29 0.00	20.03 -0.22 0.00	20.45 -0.23 0.00	21.43 -0.24 0.00	20.59 -0.23 0.00	20.74 -0.23 0.00	21.85 -0.24 0.00	22.91 -0.25 0.00	24.00 -0.29 0.00	25.26 -0.31 0.00	28.38 -0.34 0.00	31.76 -0.35 0.00	29.17 -0.29 0.00	28.59 -0.29 0.00	26.80 -0.27 0.00	23.48 -0.24 0.00	21.23 -0.24 0.00	19.25 -0.27 0.00
HQ_GEN_WHEEL 23651	17.97 -0.27 0.00	16.48 -0.18 0.00	15.77 -0.17 0.00	15.28 -0.18 0.00	15.72 -0.17 0.00	16.72 -0.20 0.00	19.01 -0.29 0.00	20.03 -0.22 0.00	20.45 -0.23 0.00	21.43 -0.24 0.00	20.59 -0.23 0.00	20.74 -0.23 0.00	21.85 -0.24 0.00	22.91 -0.25 0.00	24.00 -0.29 0.00	25.26 -0.31 0.00	28.38 -0.34 0.00	31.76 -0.35 0.00	29.17 -0.29 0.00	28.59 -0.29 0.00	26.80 -0.27 0.00	23.48 -0.24 0.00	21.23 -0.24 0.00	19.25 -0.27 0.00
HUDSON_AVE_GT_3 23810	19.60 1.19 -0.17	18.34 1.02 -0.66	17.28 0.96 -0.38	16.56 0.93 -0.17	16.95 0.95 -0.11	17.92 1.00 0.00	20.50 1.20 0.00	22.48 1.42 -0.81	23.53 1.51 -1.35	24.08 1.62 -0.79	24.42 1.60 -2.00	24.62 1.66 -1.99	25.12 1.79 -1.23	25.27 2.11 0.00	26.43 2.14 0.00	27.79 2.22 0.00	31.16 2.44 0.00	34.88 2.76 0.00	32.74 2.27 -1.00	31.44 2.08 -0.48	29.00 1.92 0.00	25.31 1.59 0.00	23.03 1.57 0.00	20.69 1.17 0.00
HUDSON_AVE_GT_4 23540	19.60 1.19 -0.17	18.34 1.02 -0.66	17.28 0.96 -0.38	16.56 0.93 -0.17	16.95 0.95 -0.11	17.92 1.00 0.00	20.50 1.20 0.00	22.48 1.42 -0.81	23.53 1.51 -1.35	24.08 1.62 -0.79	24.42 1.60 -2.00	24.62 1.66 -1.99	25.12 1.79 -1.23	25.27 2.11 0.00	26.43 2.14 0.00	27.79 2.22 0.00	31.16 2.44 0.00	34.88 2.76 0.00	32.74 2.27 -1.00	31.44 2.08 -0.48	29.00 1.92 0.00	25.31 1.59 0.00	23.03 1.57 0.00	20.69 1.17 0.00
HUDSON_AVE_GT_5 23657	19.60 1.19 -0.17	18.34 1.02 -0.66	17.28 0.96 -0.38	16.56 0.93 -0.17	16.95 0.95 -0.11	17.92 1.00 0.00	20.50 1.20 0.00	22.48 1.42 -0.81	23.53 1.51 -1.35	24.08 1.62 -0.79	24.42 1.60 -2.00	24.62 1.66 -1.99	25.12 1.79 -1.23	25.27 2.11 0.00	26.43 2.14 0.00	27.79 2.22 0.00	31.16 2.44 0.00	34.88 2.76 0.00	32.74 2.27 -1.00	31.44 2.08 -0.48	29.00 1.92 0.00	25.31 1.59 0.00	23.03 1.57 0.00	20.69 1.17 0.00

HUDSON_AVE_10 24168	19.56 1.15 -0.17	18.30 0.98 -0.66	17.25 0.92 -0.38	16.52 0.90 -0.17	16.92 0.92 -0.11	17.89 0.96 0.00	20.46 1.16 0.00	22.46 1.40 -0.81	23.51 1.49 -1.35	24.08 1.62 -0.79	24.38 1.56 -2.00	24.57 1.61 -1.99	25.07 1.75 -1.23	25.22 2.06 0.00	26.36 2.06 0.00	27.74 2.17 0.00	31.11 2.38 0.00	34.78 2.67 0.00	32.68 2.21 -1.00	31.36 1.99 -0.48	28.94 1.87 0.00	25.26 1.54 0.00	23.01 1.55 0.00	20.67 1.15 0.00
HUDSON___115KV_TB 4 355613	19.39 0.95 -0.20	18.21 0.75 -0.79	17.15 0.75 -0.46	16.44 0.77 -0.20	16.83 0.81 -0.13	17.76 0.83 0.00	20.22 0.95 0.03	20.19 1.05 1.12	20.71 1.08 1.04	19.75 1.10 3.01	20.65 1.00 1.17	20.78 1.05 1.24	20.89 1.10 2.31	21.71 1.20 2.65	22.93 1.21 2.57	25.11 1.23 1.69	26.80 1.44 3.36	30.11 1.67 3.67	28.29 1.56 2.74	31.12 1.39 -0.86	28.43 1.35 0.00	24.88 1.16 0.00	22.43 0.97 0.00	20.36 0.84 0.00
HUNTER MOUNT___DRP 323613	19.50 1.06 -0.19	18.23 0.80 -0.77	17.20 0.81 -0.45	16.54 0.88 -0.19	16.94 0.92 -0.13	17.87 0.95 0.00	20.36 1.08 0.02	20.82 1.24 0.67	21.46 1.26 0.48	20.77 1.26 2.15	21.53 1.12 0.42	21.65 1.15 0.48	21.79 1.19 1.49	22.39 1.30 2.06	23.63 1.34 2.00	25.61 1.36 1.31	27.69 1.58 2.61	31.09 1.83 2.85	29.38 1.80 1.88	31.14 1.47 -0.78	28.56 1.49 0.00	25.03 1.30 0.00	22.50 1.03 0.00	20.44 0.92 0.00
HUNTINGTON_RES_REC 323705	29.61 1.40 -9.96	29.52 1.23 -11.62	20.58 1.18 -3.46	20.10 1.14 -3.49	21.15 1.18 -4.08	20.23 1.25 -2.05	29.54 1.45 -8.79	30.05 1.64 -8.16	30.07 1.78 -7.62	30.61 1.88 -7.07	30.64 1.71 -8.12	28.50 1.74 -5.79	28.52 1.79 -4.63	34.90 2.01 -9.73	34.87 2.16 -8.42	41.90 2.33 -14.01	45.82 2.53 -14.57	51.15 2.79 -16.24	52.88 2.39 -21.03	40.24 2.19 -9.17	38.04 2.08 -8.88	32.74 1.76 -7.26	27.82 1.70 -4.65	26.85 1.39 -5.94
HUNTLEY___63 23557	17.83 -0.44 -0.03	16.09 -0.68 -0.10	15.43 -0.57 -0.06	14.98 -0.51 -0.03	15.35 -0.56 -0.02	16.42 -0.51 0.00	18.99 -0.31 0.00	19.51 -0.89 -0.14	20.26 -0.64 -0.23	21.15 -0.65 -0.14	20.46 -0.69 -0.33	20.59 -0.71 -0.33	21.55 -0.75 -0.21	22.25 -0.93 -0.01	23.62 -0.68 -0.01	24.94 -0.64 -0.01	27.70 -1.03 -0.01	30.94 -1.19 -0.01	28.52 -1.12 -0.17	27.93 -1.04 -0.09	26.22 -0.87 -0.01	23.28 -0.45 -0.01	21.34 -0.13 0.00	19.60 0.08 0.00
HUNTLEY___64 23558	17.83 -0.44 -0.03	16.09 -0.68 -0.10	15.43 -0.57 -0.06	14.98 -0.51 -0.03	15.35 -0.56 -0.02	16.42 -0.51 0.00	18.99 -0.31 0.00	19.51 -0.89 -0.14	20.26 -0.64 -0.23	21.15 -0.65 -0.14	20.46 -0.69 -0.33	20.59 -0.71 -0.33	21.55 -0.75 -0.21	22.25 -0.93 -0.01	23.62 -0.68 -0.01	24.94 -0.64 -0.01	27.70 -1.03 -0.01	30.94 -1.19 -0.01	28.52 -1.12 -0.17	27.93 -1.04 -0.09	26.22 -0.87 -0.01	23.28 -0.45 -0.01	21.34 -0.13 0.00	19.60 0.08 0.00
HUNTLEY___65 23559	17.83 -0.44 -0.03	16.09 -0.68 -0.10	15.43 -0.57 -0.06	14.98 -0.51 -0.03	15.35 -0.56 -0.02	16.42 -0.51 0.00	18.99 -0.31 0.00	19.51 -0.89 -0.14	20.26 -0.64 -0.23	21.15 -0.65 -0.14	20.46 -0.69 -0.33	20.59 -0.71 -0.33	21.55 -0.75 -0.21	22.25 -0.93 -0.01	23.62 -0.68 -0.01	24.94 -0.64 -0.01	27.70 -1.03 -0.01	30.94 -1.19 -0.01	28.52 -1.12 -0.17	27.93 -1.04 -0.09	26.22 -0.87 -0.01	23.28 -0.45 -0.01	21.34 -0.13 0.00	19.60 0.08 0.00
HUNTLEY___66 23560	17.83 -0.44 -0.03	16.09 -0.68 -0.10	15.43 -0.57 -0.06	14.98 -0.51 -0.03	15.35 -0.56 -0.02	16.42 -0.51 0.00	18.99 -0.31 0.00	19.51 -0.89 -0.14	20.26 -0.64 -0.23	21.15 -0.65 -0.14	20.46 -0.69 -0.33	20.59 -0.71 -0.33	21.55 -0.75 -0.21	22.25 -0.93 -0.01	23.62 -0.68 -0.01	24.94 -0.64 -0.01	27.70 -1.03 -0.01	30.94 -1.19 -0.01	28.52 -1.12 -0.17	27.93 -1.04 -0.09	26.22 -0.87 -0.01	23.28 -0.45 -0.01	21.34 -0.13 0.00	19.60 0.08 0.00
HUNTLEY___67 23561	17.83 -0.44 -0.03	16.09 -0.68 -0.11	15.41 -0.59 -0.06	14.99 -0.49 -0.03	15.37 -0.54 -0.02	16.42 -0.51 0.00	18.99 -0.31 0.00	19.50 -0.89 -0.13	20.27 -0.62 -0.22	21.12 -0.67 -0.13	20.48 -0.67 -0.33	20.60 -0.69 -0.32	21.54 -0.75 -0.20	22.23 -0.93 0.00	23.61 -0.68 0.00	24.90 -0.66 0.00	27.63 -1.09 0.00	30.86 -1.25 0.00	28.48 -1.15 -0.16	27.86 -1.10 -0.08	26.18 -0.89 0.00	23.25 -0.47 0.00	21.34 -0.13 0.00	19.60 0.08 0.00
HUNTLEY___68 23562	17.83 -0.44 -0.03	16.09 -0.68 -0.11	15.41 -0.59 -0.06	14.99 -0.49 -0.03	15.37 -0.54 -0.02	16.42 -0.51 0.00	18.99 -0.31 0.00	19.50 -0.89 -0.13	20.27 -0.62 -0.22	21.12 -0.67 -0.13	20.48 -0.67 -0.33	20.60 -0.69 -0.32	21.54 -0.75 -0.20	22.23 -0.93 0.00	23.61 -0.68 0.00	24.90 -0.66 0.00	27.63 -1.09 0.00	30.86 -1.25 0.00	28.48 -1.15 -0.16	27.86 -1.10 -0.08	26.18 -0.89 0.00	23.25 -0.47 0.00	21.34 -0.13 0.00	19.60 0.08 0.00
HYLAND___LFGE 323620	18.91 0.64 -0.03	17.13 0.35 -0.12	16.39 0.38 -0.07	15.89 0.40 -0.03	16.31 0.40 -0.02	17.47 0.54 0.00	20.15 0.85 0.00	20.88 0.49 -0.14	21.37 0.45 -0.24	21.87 0.07 -0.14	21.15 -0.02 -0.36	21.26 -0.06 -0.35	21.98 -0.33 -0.22	22.74 -0.42 0.00	23.95 -0.34 0.00	25.36 -0.21 0.00	28.58 -0.14 0.00	32.18 0.06 0.00	30.35 0.71 -0.18	30.12 1.16 -0.09	28.37 1.30 0.00	25.00 1.28 0.00	22.67 1.20 0.00	20.67 1.15 0.00
INDECK___CORINTH 23802	20.19 1.73 -0.21	18.97 1.47 -0.84	17.82 1.39 -0.49	17.04 1.36 -0.21	17.44 1.41 -0.14	18.47 1.54 0.00	21.08 1.76 -0.03	26.80 1.86 -4.68	29.67 1.90 -7.10	29.74 1.91 -6.17	32.88 1.85 -10.21	33.04 1.85 -10.22	31.57 1.83 -7.65	27.32 1.92 -2.23	28.32 1.87 -2.16	29.13 2.15 -1.42	34.02 2.47 -2.83	38.22 3.02 -3.09	39.27 2.89 -6.91	33.11 2.77 -1.46	29.70 2.63 0.00	26.02 2.30 0.00	23.38 1.91 0.00	21.18 1.66 0.00
INDECK___ILION 23567	18.17 -0.07 0.00	16.63 -0.03 0.00	15.91 -0.03 0.00	15.43 -0.03 0.00	15.84 -0.05 0.00	16.89 -0.03 0.00	19.28 -0.02 0.00	20.24 -0.02 0.00	20.65 -0.02 0.00	21.64 -0.02 0.00	20.80 -0.02 0.00	20.95 -0.02 0.00	22.07 -0.02 0.00	23.14 -0.02 0.00	24.27 -0.02 0.00	25.54 -0.03 0.00	28.72 0.00 0.00	32.15 0.03 0.00	29.53 0.06 0.00	28.94 0.06 0.00	27.13 0.05 0.00	23.77 0.05 0.00	21.49 0.02 0.00	19.54 0.02 0.00
INDECK___OLEAN 23982	17.66 -0.62 -0.03	15.82 -0.97 -0.13	15.14 -0.88 -0.07	14.94 -0.56 -0.03	15.55 -0.36 -0.02	16.67 -0.25 0.00	19.32 0.02 0.00	20.01 -0.40 -0.16	20.70 -0.25 -0.27	21.58 -0.24 -0.16	21.01 -0.21 -0.40	21.12 -0.25 -0.40	22.08 -0.26 -0.25	22.91 -0.25 0.00	24.17 -0.12 0.00	25.52 -0.05 0.00	28.41 -0.32 0.00	31.67 -0.45 0.00	29.37 -0.29 -0.20	28.63 -0.35 -0.10	26.80 -0.27 0.00	23.70 -0.02 0.00	21.64 0.17 0.00	19.85 0.33 0.00
INDECK___OSWEGO 23783	18.02 -0.24 -0.01	16.45 -0.27 -0.05	15.72 -0.26 -0.03	15.23 -0.25 -0.01	15.63 -0.27 -0.01	16.67 -0.25 0.00	19.07 -0.23 0.00	19.91 -0.34 0.00	20.30 -0.37 0.00	21.23 -0.43 0.00	20.38 -0.44 0.00	20.53 -0.44 0.00	21.63 -0.47 0.00	22.63 -0.53 0.00	23.73 -0.56 0.00	25.00 -0.56 0.00	28.06 -0.66 0.00	31.38 -0.74 0.00	28.85 -0.62 0.00	28.27 -0.61 0.00	26.50 -0.57 0.00	23.25 -0.47 0.00	21.04 -0.43 0.00	19.25 -0.27 0.00

INDECK___YERKES 23781	17.85 -0.42 -0.03	16.09 -0.68 -0.10	15.44 -0.56 -0.06	14.99 -0.50 -0.03	15.37 -0.54 -0.02	16.43 -0.49 0.00	18.97 -0.33 0.00	19.51 -0.89 -0.14	20.28 -0.62 -0.23	21.17 -0.63 -0.14	20.48 -0.67 -0.33	20.61 -0.69 -0.33	21.55 -0.75 -0.21	22.48 -0.69 -0.01	23.60 -0.71 -0.01	24.91 -0.66 -0.01	27.87 -0.86 -0.01	31.07 -1.06 -0.01	28.91 -0.74 -0.17	28.16 -0.81 -0.09	26.33 -0.76 -0.01	23.31 -0.43 -0.01	21.36 -0.11 0.00	19.60 0.08 0.00
INDIAN POINT_GT_1 24139	19.41 1.00 -0.16	18.20 0.88 -0.65	17.15 0.83 -0.38	16.43 0.80 -0.16	16.82 0.83 -0.11	17.79 0.86 0.00	20.32 1.02 0.00	22.25 1.20 -0.80	23.27 1.26 -1.33	23.81 1.36 -0.78	24.17 1.37 -1.98	24.32 1.38 -1.97	24.80 1.48 -1.22	24.92 1.76 0.00	26.09 1.80 0.00	27.46 1.89 0.00	30.82 2.10 0.00	34.49 2.38 0.00	32.43 1.97 -0.99	31.18 1.82 -0.48	28.75 1.68 0.00	25.10 1.38 0.00	22.80 1.33 0.00	20.54 1.02 0.00
INDIAN POINT_GT_2 23659	19.41 1.00 -0.16	18.20 0.88 -0.65	17.15 0.83 -0.38	16.43 0.80 -0.16	16.82 0.83 -0.11	17.79 0.86 0.00	20.32 1.02 0.00	22.25 1.20 -0.80	23.27 1.26 -1.33	23.81 1.36 -0.78	24.17 1.37 -1.98	24.32 1.38 -1.97	24.80 1.48 -1.22	24.92 1.76 0.00	26.09 1.80 0.00	27.46 1.89 0.00	30.82 2.10 0.00	34.49 2.38 0.00	32.43 1.97 -0.99	31.18 1.82 -0.48	28.75 1.68 0.00	25.10 1.38 0.00	22.80 1.33 0.00	20.54 1.02 0.00
INDIAN POINT_GT_3 24019	19.41 1.00 -0.16	18.20 0.88 -0.65	17.15 0.83 -0.38	16.43 0.80 -0.16	16.82 0.83 -0.11	17.79 0.86 0.00	20.32 1.02 0.00	22.25 1.20 -0.80	23.27 1.26 -1.33	23.81 1.36 -0.78	24.17 1.37 -1.98	24.32 1.38 -1.97	24.80 1.48 -1.22	24.92 1.76 0.00	26.09 1.80 0.00	27.46 1.89 0.00	30.82 2.10 0.00	34.49 2.38 0.00	32.43 1.97 -0.99	31.18 1.82 -0.48	28.75 1.68 0.00	25.10 1.38 0.00	22.80 1.33 0.00	20.54 1.02 0.00
INDIAN POINT___2 23530	19.39 0.98 -0.16	18.16 0.85 -0.64	17.11 0.80 -0.37	16.40 0.77 -0.16	16.81 0.81 -0.10	17.77 0.85 0.00	20.30 1.00 0.00	22.22 1.17 -0.79	23.23 1.24 -1.32	23.78 1.34 -0.77	24.12 1.35 -1.95	24.30 1.38 -1.94	24.78 1.48 -1.21	24.81 1.64 0.00	26.04 1.75 0.00	27.43 1.87 0.00	30.76 2.04 0.00	34.33 2.21 0.00	32.27 1.83 -0.97	31.09 1.73 -0.47	28.64 1.57 0.00	25.07 1.35 0.00	22.78 1.31 0.00	20.52 1.00 0.00
INDIAN POINT___3 23531	19.41 1.00 -0.16	18.18 0.87 -0.65	17.13 0.81 -0.38	16.42 0.79 -0.16	16.81 0.81 -0.11	17.79 0.86 0.00	20.32 1.02 0.00	22.23 1.17 -0.80	23.25 1.24 -1.33	23.79 1.34 -0.78	24.15 1.35 -1.98	24.32 1.38 -1.97	24.80 1.48 -1.22	24.90 1.74 0.00	26.09 1.80 0.00	27.43 1.87 0.00	30.79 2.07 0.00	34.46 2.34 0.00	32.40 1.94 -0.99	31.15 1.79 -0.48	28.73 1.65 0.00	25.10 1.38 0.00	22.78 1.31 0.00	20.54 1.02 0.00
INGHAM_C_115KV_TB7 356103	17.93 -0.31 0.00	16.43 -0.23 0.00	15.75 -0.19 0.00	15.26 -0.20 0.00	15.67 -0.22 0.00	16.69 -0.24 0.00	19.09 -0.21 0.00	20.05 -0.20 0.00	20.47 -0.21 0.00	21.45 -0.22 0.00	20.63 -0.19 0.00	20.76 -0.21 0.00	21.90 -0.20 0.00	22.95 -0.21 0.00	24.07 -0.22 0.00	25.34 -0.23 0.00	28.49 -0.23 0.00	31.95 -0.16 0.00	29.35 -0.12 0.00	28.80 -0.09 0.00	26.99 -0.08 0.00	23.67 -0.05 0.00	21.38 -0.09 0.00	19.44 -0.08 0.00
IP CORINTH___1 23988	20.19 1.73 -0.21	18.97 1.47 -0.84	17.82 1.39 -0.49	17.04 1.36 -0.21	17.44 1.41 -0.14	18.47 1.54 0.00	21.08 1.76 -0.03	26.80 1.86 -4.68	29.67 1.90 -7.10	29.74 1.91 -6.17	32.88 1.85 -10.21	33.04 1.85 -10.22	31.57 1.83 -7.65	26.78 1.39 -2.23	27.69 1.24 -2.16	28.47 1.48 -1.42	33.27 1.72 -2.83	37.45 2.25 -3.09	38.53 2.15 -6.91	32.45 2.11 -1.46	29.05 1.98 0.00	26.02 2.30 0.00	23.38 1.91 0.00	21.18 1.66 0.00
IP___TICONDEROGA 23804	21.30 2.85 -0.21	19.87 2.37 -0.84	18.66 2.23 -0.49	17.87 2.20 -0.21	18.30 2.27 -0.14	19.43 2.51 0.00	22.11 2.78 -0.03	28.17 3.02 -4.89	31.06 3.06 -7.32	31.22 3.08 -6.48	34.30 2.96 -10.52	34.51 3.00 -10.53	33.12 3.07 -7.95	28.30 2.71 -2.43	29.36 2.72 -2.35	30.10 2.99 -1.54	35.30 3.50 -3.07	39.74 4.27 -3.36	40.88 4.18 -7.23	34.49 4.16 -1.45	30.92 3.84 0.00	27.64 3.91 0.00	24.60 3.13 0.00	22.24 2.71 0.00
ISLIP_RES_REC 323679	29.77 1.57 -9.96	29.65 1.37 -11.62	20.69 1.29 -3.46	20.21 1.25 -3.49	21.26 1.29 -4.08	20.35 1.37 -2.05	29.71 1.62 -8.79	30.24 1.82 -8.16	30.30 2.00 -7.62	30.85 2.12 -7.07	30.95 2.02 -8.12	28.78 2.01 -5.79	28.85 2.12 -4.63	35.25 2.36 -9.73	35.21 2.50 -8.42	42.28 2.71 -14.01	46.25 2.96 -14.57	51.63 3.28 -16.24	53.35 2.86 -21.03	40.70 2.66 -9.17	38.50 2.54 -8.88	33.09 2.11 -7.26	28.16 2.04 -4.65	27.18 1.72 -5.94
JAMAICA___27_KV_LOAD 355505	19.69 1.28 -0.17	18.42 1.10 -0.66	17.34 1.02 -0.38	16.62 0.99 -0.17	17.02 1.02 -0.11	18.01 1.08 0.00	20.61 1.31 0.00	22.67 1.60 -0.81	23.74 1.72 -1.35	24.29 1.84 -0.79	24.52 1.71 -2.00	24.72 1.76 -1.99	25.23 1.90 -1.23	25.38 2.22 0.00	26.50 2.21 0.00	27.89 2.33 0.00	31.28 2.56 0.00	34.97 2.86 0.00	32.85 2.39 -1.00	31.53 2.17 -0.48	29.16 2.08 0.00	25.41 1.68 0.00	23.25 1.78 0.00	20.81 1.29 0.00
JANIS___SOLAR 323808	19.00 0.71 -0.04	17.37 0.53 -0.18	16.55 0.51 -0.10	16.03 0.53 -0.04	16.48 0.56 -0.03	17.64 0.71 0.00	20.23 0.93 0.00	21.38 0.85 -0.27	21.89 0.77 -0.45	22.34 0.41 -0.27	21.82 0.33 -0.68	21.90 0.25 -0.67	22.75 0.24 -0.42	23.42 0.26 0.00	24.56 0.27 0.00	26.18 0.61 0.00	29.58 0.86 0.00	33.33 1.22 0.00	31.19 1.39 -0.34	30.55 1.50 -0.16	28.51 1.43 0.00	24.91 1.19 0.00	22.39 0.92 0.00	20.38 0.86 0.00
JARVIS____ 23743	18.30 0.05 0.00	16.71 0.05 0.00	15.99 0.05 0.00	15.51 0.05 0.00	15.94 0.05 0.00	16.98 0.05 0.00	19.36 0.06 0.00	20.30 0.04 0.00	20.72 0.04 0.00	21.71 0.04 0.00	20.86 0.04 0.00	21.02 0.04 0.00	22.14 0.04 0.00	23.21 0.05 0.00	24.34 0.05 0.00	25.62 0.05 0.00	28.78 0.06 0.00	32.21 0.10 0.00	29.56 0.09 0.00	28.97 0.09 0.00	27.16 0.08 0.00	23.79 0.07 0.00	21.53 0.06 0.00	19.58 0.06 0.00
JENNISON___1 23625	19.10 0.80 -0.06	17.52 0.63 -0.22	16.68 0.61 -0.13	16.14 0.62 -0.06	16.58 0.65 -0.04	17.72 0.80 0.00	20.31 1.00 0.00	21.66 1.01 -0.39	22.31 0.97 -0.66	22.81 0.76 -0.39	22.51 0.71 -0.98	22.60 0.65 -0.98	23.39 0.68 -0.61	23.83 0.67 0.00	25.09 0.80 0.00	26.64 1.07 0.00	30.13 1.41 0.00	33.75 1.64 0.00	31.61 1.65 -0.49	30.85 1.73 -0.24	28.70 1.62 0.00	25.10 1.38 0.00	22.54 1.07 0.00	20.48 0.96 0.00
JENNISON___2 23626	19.10 0.80 -0.06	17.52 0.63 -0.22	16.68 0.61 -0.13	16.14 0.62 -0.06	16.58 0.65 -0.04	17.72 0.80 0.00	20.31 1.00 0.00	21.66 1.01 -0.39	22.31 0.97 -0.66	22.81 0.76 -0.39	22.51 0.71 -0.98	22.60 0.65 -0.98	23.39 0.68 -0.61	23.83 0.67 0.00	25.09 0.80 0.00	26.64 1.07 0.00	30.13 1.41 0.00	33.75 1.64 0.00	31.61 1.65 -0.49	30.85 1.73 -0.24	28.70 1.62 0.00	25.10 1.38 0.00	22.54 1.07 0.00	20.48 0.96 0.00

JERICO_RISE_WT_PWR 323719	17.88 -0.36 0.00	16.48 -0.18 0.00	15.77 -0.17 0.00	15.31 -0.15 0.00	15.78 -0.11 0.00	16.86 -0.07 0.00	19.21 -0.10 0.00	20.32 0.06 0.00	20.76 0.08 0.00	21.79 0.13 0.00	20.94 0.13 0.00	21.08 0.11 0.00	22.23 0.13 0.00	23.35 0.18 0.00	24.53 0.24 0.00	25.80 0.23 0.00	29.01 0.29 0.00	32.53 0.42 0.00	29.97 0.50 0.00	29.34 0.46 0.00	27.56 0.49 0.00	24.05 0.33 0.00	21.66 0.19 0.00	19.54 0.02 0.00
KATONAH__115KV_46KV_TB4 355592	19.52 1.11 -0.17	18.31 0.98 -0.66	17.25 0.92 -0.39	16.53 0.90 -0.17	16.92 0.92 -0.11	17.91 0.98 0.00	20.40 1.10 0.00	22.35 1.28 -0.82	23.40 1.36 -1.37	23.94 1.47 -0.80	24.32 1.48 -2.03	24.46 1.47 -2.01	24.91 1.57 -1.25	25.01 1.85 0.00	26.21 1.92 0.00	27.59 2.02 0.00	30.99 2.27 0.00	34.65 2.54 0.00	32.66 2.18 -1.01	31.42 2.05 -0.49	28.94 1.87 0.00	25.24 1.52 0.00	22.88 1.42 0.00	20.66 1.13 0.00
KCE_NY_1 323755	19.86 1.40 -0.21	18.72 1.22 -0.84	17.58 1.15 -0.49	16.80 1.13 -0.21	17.19 1.16 -0.14	18.16 1.23 0.00	20.76 1.43 -0.03	26.95 1.50 -5.20	29.84 1.53 -7.64	30.16 1.58 -6.92	33.27 1.50 -10.96	33.48 1.53 -10.97	32.07 1.59 -8.39	27.53 1.67 -2.70	28.63 1.72 -2.62	29.12 1.84 -1.72	34.24 2.10 -3.42	38.26 2.41 -3.74	39.37 2.24 -7.67	32.48 2.17 -1.43	29.13 2.06 0.00	25.52 1.80 0.00	23.01 1.55 0.00	20.89 1.37 0.00
KCE_NY_6_ESR 323823	17.96 -0.31 -0.03	16.16 -0.62 -0.11	15.49 -0.51 -0.07	15.12 -0.37 -0.03	15.53 -0.38 -0.02	16.62 -0.30 0.00	19.21 -0.10 0.00	19.75 -0.65 -0.14	20.54 -0.37 -0.23	21.41 -0.39 -0.14	20.75 -0.42 -0.34	20.87 -0.44 -0.34	21.82 -0.49 -0.21	22.75 -0.42 0.00	23.90 -0.39 0.00	25.24 -0.33 0.00	28.21 -0.52 0.00	31.44 -0.68 0.00	29.23 -0.41 -0.17	28.48 -0.49 -0.08	26.64 -0.43 0.00	23.56 -0.16 0.00	21.62 0.15 0.00	19.83 0.31 0.00
KEDC_PORT_JEFF_GT2 24210	29.64 1.44 -9.96	29.55 1.27 -11.62	20.60 1.20 -3.46	20.11 1.16 -3.49	21.17 1.19 -4.08	20.25 1.27 -2.05	29.58 1.49 -8.79	30.09 1.68 -8.16	30.13 1.84 -7.62	30.68 1.95 -7.07	30.74 1.81 -8.12	28.59 1.82 -5.79	28.63 1.90 -4.63	35.02 2.13 -9.73	34.97 2.26 -8.42	42.00 2.43 -14.01	45.76 2.47 -14.57	51.08 2.73 -16.24	52.85 2.36 -21.03	40.22 2.17 -9.17	38.20 2.25 -8.88	32.86 1.87 -7.26	27.94 1.82 -4.65	27.02 1.56 -5.94
KEDC_PORT_JEFF_GT3 24211	29.64 1.44 -9.96	29.55 1.27 -11.62	20.60 1.20 -3.46	20.11 1.16 -3.49	21.17 1.19 -4.08	20.25 1.27 -2.05	29.58 1.49 -8.79	30.09 1.68 -8.16	30.13 1.84 -7.62	30.68 1.95 -7.07	30.74 1.81 -8.12	28.59 1.82 -5.79	28.63 1.90 -4.63	35.02 2.13 -9.73	34.97 2.26 -8.42	42.00 2.43 -14.01	45.76 2.47 -14.57	51.08 2.73 -16.24	52.85 2.36 -21.03	40.22 2.17 -9.17	38.20 2.25 -8.88	32.86 1.87 -7.26	27.94 1.82 -4.65	27.02 1.56 -5.94
KEDC_GLWD_GT4 24219	29.53 1.33 -9.96	29.45 1.17 -11.62	20.50 1.10 -3.46	20.04 1.08 -3.49	21.09 1.11 -4.09	20.14 1.17 -2.05	29.46 1.37 -8.79	29.97 1.56 -8.16	29.80 1.51 -7.62	30.38 1.65 -7.07	30.56 1.62 -8.12	28.42 1.66 -5.79	28.65 1.92 -4.63	34.95 2.06 -9.73	34.82 2.11 -8.42	41.80 2.22 -14.01	45.76 2.47 -14.57	51.06 2.70 -16.24	52.77 2.27 -21.03	40.19 2.14 -9.17	37.91 1.95 -8.89	32.64 1.66 -7.26	27.84 1.72 -4.65	26.83 1.37 -5.94
KEDC_GLWD_GT5 24220	29.53 1.33 -9.96	29.45 1.17 -11.62	20.50 1.10 -3.46	20.04 1.08 -3.49	21.09 1.11 -4.09	20.14 1.17 -2.05	29.46 1.37 -8.79	29.97 1.56 -8.16	29.80 1.51 -7.62	30.38 1.65 -7.07	30.56 1.62 -8.12	28.42 1.66 -5.79	28.65 1.92 -4.63	34.95 2.06 -9.73	34.82 2.11 -8.42	41.80 2.22 -14.01	45.76 2.47 -14.57	51.06 2.70 -16.24	52.77 2.27 -21.03	40.19 2.14 -9.17	37.91 1.95 -8.89	32.64 1.66 -7.26	27.84 1.72 -4.65	26.83 1.37 -5.94
KENSICO____ 23655	19.49 1.08 -0.17	18.25 0.93 -0.65	17.20 0.88 -0.38	16.48 0.85 -0.17	16.87 0.87 -0.11	17.86 0.93 0.00	20.38 1.08 0.00	22.32 1.26 -0.81	23.36 1.34 -1.34	23.90 1.45 -0.79	24.25 1.44 -2.00	24.44 1.49 -1.98	24.92 1.59 -1.23	25.01 1.85 0.00	26.19 1.89 0.00	27.56 1.99 0.00	30.93 2.21 0.00	34.59 2.47 0.00	32.56 2.09 -1.00	31.27 1.91 -0.48	28.83 1.76 0.00	25.17 1.45 0.00	22.86 1.40 0.00	20.60 1.07 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	19.37 0.97 -0.16	18.12 0.83 -0.62	17.07 0.77 -0.36	16.36 0.74 -0.16	16.77 0.78 -0.10	17.76 0.83 0.00	20.26 0.97 0.00	21.95 1.11 -0.58	22.85 1.16 -1.02	23.24 1.21 -0.37	23.57 1.21 -1.54	23.72 1.22 -1.53	24.18 1.28 -0.80	24.48 1.57 0.25	25.67 1.63 0.24	27.17 1.76 0.16	30.47 2.07 0.32	34.11 2.34 0.35	32.10 2.06 -0.57	31.21 1.85 -0.48	28.78 1.71 0.00	25.10 1.38 0.00	22.71 1.25 0.00	20.48 0.96 0.00
KIAC_JFK_GT1 23816	19.60 1.19 -0.17	18.34 1.02 -0.66	17.28 0.96 -0.38	16.56 0.93 -0.17	16.95 0.95 -0.11	17.92 1.00 0.00	20.54 1.24 0.00	22.56 1.50 -0.81	23.63 1.61 -1.35	24.18 1.73 -0.79	24.42 1.60 -2.00	24.62 1.66 -1.99	25.10 1.77 -1.23	25.25 2.08 0.00	26.38 2.09 0.00	27.77 2.20 0.00	31.05 2.33 0.00	34.72 2.60 0.00	32.62 2.15 -1.00	31.27 1.91 -0.48	29.00 1.92 0.00	25.29 1.57 0.00	23.12 1.65 0.00	20.73 1.21 0.00
KIAC_JFK_GT2 23817	19.60 1.19 -0.17	18.34 1.02 -0.66	17.28 0.96 -0.38	16.56 0.93 -0.17	16.95 0.95 -0.11	17.92 1.00 0.00	20.54 1.24 0.00	22.56 1.50 -0.81	23.63 1.61 -1.35	24.18 1.73 -0.79	24.42 1.60 -2.00	24.62 1.66 -1.99	25.10 1.77 -1.23	25.25 2.08 0.00	26.38 2.09 0.00	27.77 2.20 0.00	31.05 2.33 0.00	34.72 2.60 0.00	32.62 2.15 -1.00	31.27 1.91 -0.48	29.00 1.92 0.00	25.29 1.57 0.00	23.12 1.65 0.00	20.73 1.21 0.00
KIAC_JFK____ 323774	19.59 1.19 -0.17	18.34 1.02 -0.66	17.28 0.96 -0.38	16.56 0.93 -0.17	16.95 0.95 -0.11	17.92 1.00 0.00	20.54 1.24 0.00	22.56 1.50 -0.81	23.63 1.61 -1.35	24.19 1.73 -0.79	24.42 1.60 -2.00	24.62 1.66 -1.99	25.12 1.79 -1.23	25.13 1.97 0.00	26.33 2.04 0.00	27.74 2.17 0.00	30.99 2.27 0.00	34.59 2.47 0.00	32.50 2.03 -1.00	31.21 1.85 -0.48	28.92 1.84 0.00	25.29 1.57 0.00	23.12 1.65 0.00	20.73 1.21 0.00
KINTIGH____ 23543	17.94 -0.33 -0.02	16.24 -0.52 -0.09	15.56 -0.43 -0.05	15.05 -0.43 -0.02	15.37 -0.54 -0.02	16.42 -0.51 0.00	18.95 -0.35 0.00	19.54 -0.83 -0.11	20.26 -0.60 -0.18	21.12 -0.65 -0.11	20.45 -0.65 -0.27	20.57 -0.67 -0.27	21.53 -0.73 -0.17	22.26 -0.90 0.00	23.59 -0.70 0.00	24.88 -0.69 0.00	27.66 -1.06 0.00	30.89 -1.22 0.00	28.49 -1.12 -0.14	27.91 -1.04 -0.07	26.23 -0.84 0.00	23.22 -0.50 0.00	21.25 -0.21 0.00	19.48 -0.04 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	18.10 -0.15 0.00	16.68 0.02 0.00	15.96 0.02 0.00	15.49 0.03 0.00	15.97 0.08 0.00	17.08 0.15 0.00	19.46 0.15 0.00	20.58 0.32 0.00	21.03 0.35 0.00	22.08 0.41 0.00	21.19 0.37 0.00	21.35 0.38 0.00	22.51 0.42 0.00	23.62 0.46 0.00	24.85 0.56 0.00	26.18 0.61 0.00	29.41 0.69 0.00	32.89 0.77 0.00	30.47 1.00 0.00	29.84 0.95 0.00	27.99 0.92 0.00	24.39 0.66 0.00	21.94 0.47 0.00	19.80 0.27 0.00

LACHUTE___HYDRO 323717	21.30 2.84 -0.21	19.87 2.37 -0.84	18.66 2.23 -0.49	17.87 2.19 -0.21	18.30 2.27 -0.14	19.43 2.50 0.00	22.11 2.78 -0.03	28.17 3.02 -4.89	31.05 3.06 -7.32	31.22 3.08 -6.48	34.29 2.95 -10.52	34.51 3.00 -10.53	33.12 3.07 -7.95	28.79 3.20 -2.43	29.95 3.30 -2.35	30.71 3.61 -1.54	36.02 4.22 -3.07	40.45 4.98 -3.36	41.56 4.86 -7.23	35.04 4.71 -1.45	31.54 4.47 0.00	27.63 3.91 0.00	24.62 3.16 0.00	22.24 2.71 0.00
LAWRNCV_115KV_TB1 80681	18.13 -0.11 0.00	16.66 0.00 0.00	15.94 0.00 0.00	15.45 -0.02 0.00	15.91 0.02 0.00	16.94 0.02 0.00	19.26 -0.04 0.00	20.52 0.26 0.00	20.90 0.23 0.00	21.90 0.24 0.00	21.00 0.19 0.00	21.14 0.17 0.00	22.27 0.18 0.00	23.28 0.12 0.00	24.44 0.15 0.00	25.69 0.13 0.00	28.78 0.06 0.00	31.73 -0.39 0.00	29.44 -0.03 0.00	28.88 0.00 0.00	27.48 0.41 0.00	24.08 0.36 0.00	21.62 0.15 0.00	19.52 0.00 0.00
LEDERLE___ 23769	19.44 1.04 -0.16	18.20 0.90 -0.63	17.15 0.84 -0.37	16.44 0.82 -0.16	16.84 0.84 -0.10	17.82 0.90 0.00	20.36 1.06 0.00	22.27 1.24 -0.78	23.27 1.30 -1.30	23.85 1.43 -0.76	24.16 1.42 -1.92	24.35 1.47 -1.91	24.83 1.55 -1.19	24.99 1.83 0.00	26.19 1.89 0.00	27.56 1.99 0.00	30.96 2.24 0.00	34.62 2.50 0.00	32.52 2.09 -0.96	31.28 1.94 -0.46	28.83 1.76 0.00	25.19 1.47 0.00	22.86 1.40 0.00	20.60 1.07 0.00
LIGHTHSE_115KV_TB6 355974	18.29 0.04 -0.01	16.68 -0.03 -0.05	15.94 -0.03 -0.03	15.44 -0.03 -0.01	15.85 -0.05 -0.01	16.93 0.00 0.00	19.38 0.08 0.00	20.28 0.02 0.00	20.63 -0.04 0.00	21.58 -0.09 0.00	20.69 -0.12 0.00	20.85 -0.13 0.00	21.94 -0.15 0.00	22.93 -0.23 0.00	24.05 -0.24 0.00	25.29 -0.28 0.00	28.43 -0.29 0.00	31.79 -0.32 0.00	29.26 -0.21 0.00	28.80 -0.09 0.00	27.02 -0.05 0.00	23.72 0.00 0.00	21.40 -0.06 0.00	19.52 0.00 0.00
LINDEN COGEN___ 23786	19.47 1.06 -0.17	18.24 0.92 -0.66	17.17 0.84 -0.38	16.46 0.83 -0.17	16.86 0.86 -0.11	17.82 0.90 0.00	20.38 1.08 0.00	22.36 1.30 -0.81	23.38 1.36 -1.35	23.93 1.47 -0.79	24.29 1.48 -2.00	24.49 1.53 -1.99	24.99 1.66 -1.23	24.99 1.83 0.00	26.21 1.92 0.00	27.61 2.05 0.00	29.69 2.16 1.19	31.65 2.34 2.81	29.58 1.89 1.78	28.63 1.76 2.01	26.45 1.60 2.22	25.17 1.45 0.00	22.88 1.42 0.00	20.56 1.03 0.00
LINDHRST_69_KV_BK1 356055	29.79 1.59 -9.96	29.69 1.40 -11.62	20.72 1.32 -3.46	20.24 1.28 -3.49	21.31 1.33 -4.08	20.38 1.40 -2.05	29.75 1.66 -8.79	30.26 1.84 -8.16	30.28 1.98 -7.62	30.85 2.12 -7.07	30.93 2.00 -8.12	28.78 2.01 -5.79	28.83 2.10 -4.63	35.32 2.43 -9.73	35.16 2.45 -8.42	42.13 2.56 -14.01	46.07 2.79 -14.57	51.50 3.15 -16.24	53.21 2.71 -21.03	40.65 2.60 -9.17	38.37 2.41 -8.89	32.95 1.97 -7.26	28.12 2.00 -4.65	27.10 1.64 -5.94
LIPA_MISC_IPP 23656	29.50 1.30 -9.96	29.40 1.12 -11.62	20.47 1.07 -3.46	19.99 1.04 -3.49	21.04 1.06 -4.08	20.09 1.12 -2.05	29.40 1.31 -8.79	29.91 1.50 -8.16	29.95 1.65 -7.62	30.51 1.78 -7.07	30.58 1.64 -8.12	28.40 1.64 -5.79	28.43 1.70 -4.63	34.93 2.04 -9.73	34.80 2.09 -8.42	41.75 2.17 -14.01	45.59 2.30 -14.57	50.99 2.63 -16.24	52.74 2.24 -21.03	40.16 2.11 -9.17	37.91 1.95 -8.89	32.48 1.49 -7.26	27.77 1.65 -4.65	26.85 1.39 -5.94
LISF___SOLAR 323691	29.50 1.30 -9.96	29.42 1.13 -11.62	20.49 1.08 -3.46	19.99 1.04 -3.49	21.04 1.06 -4.08	20.11 1.13 -2.05	29.42 1.33 -8.79	29.93 1.52 -8.16	29.99 1.70 -7.62	30.51 1.78 -7.07	30.60 1.67 -8.12	28.42 1.66 -5.79	28.45 1.72 -4.63	34.86 1.97 -9.73	34.77 2.06 -8.42	41.80 2.22 -14.01	45.76 2.47 -14.57	51.12 2.76 -16.24	52.88 2.39 -21.03	40.24 2.19 -9.17	38.04 2.08 -8.88	32.69 1.71 -7.26	27.82 1.70 -4.65	26.89 1.42 -5.94
LITTLE FALLS___HYD 24013	17.93 -0.31 0.00	16.43 -0.23 0.00	15.75 -0.19 0.00	15.26 -0.20 0.00	15.67 -0.22 0.00	16.69 -0.24 0.00	19.09 -0.21 0.00	20.05 -0.20 0.00	20.47 -0.21 0.00	21.45 -0.22 0.00	20.63 -0.19 0.00	20.76 -0.21 0.00	21.90 -0.20 0.00	22.95 -0.21 0.00	24.07 -0.22 0.00	25.34 -0.23 0.00	28.49 -0.23 0.00	31.95 -0.16 0.00	29.35 -0.12 0.00	28.80 -0.09 0.00	26.99 -0.08 0.00	23.67 -0.05 0.00	21.38 -0.09 0.00	19.44 -0.08 0.00
LITTLRIV_115KV_TB1 356100	18.26 0.02 0.00	16.78 0.12 0.00	16.04 0.10 0.00	15.55 0.09 0.00	16.02 0.13 0.00	17.10 0.17 0.00	19.42 0.12 0.00	20.62 0.36 0.00	21.00 0.33 0.00	22.01 0.35 0.00	21.11 0.29 0.00	21.22 0.25 0.00	22.36 0.27 0.00	23.37 0.21 0.00	24.53 0.24 0.00	25.77 0.20 0.00	28.92 0.20 0.00	32.02 -0.10 0.00	29.71 0.24 0.00	29.14 0.26 0.00	27.67 0.60 0.00	24.22 0.50 0.00	21.68 0.21 0.00	19.58 0.06 0.00
LI_NEWBRDGE___DRP 323616	29.50 1.30 -9.96	29.44 1.15 -11.62	20.49 1.08 -3.46	20.01 1.05 -3.49	21.06 1.08 -4.08	20.13 1.15 -2.05	29.44 1.35 -8.79	29.93 1.52 -8.16	29.93 1.63 -7.62	30.49 1.75 -7.07	30.58 1.64 -8.12	28.44 1.68 -5.79	28.47 1.75 -4.63	34.93 2.04 -9.73	34.80 2.09 -8.42	41.75 2.17 -14.01	45.67 2.38 -14.57	51.02 2.67 -16.24	52.77 2.27 -21.03	40.16 2.11 -9.17	37.91 1.95 -8.89	32.57 1.59 -7.26	27.73 1.61 -4.65	26.75 1.29 -5.94
LOCKPORT_115KV_TB60_63_64 80432	17.96 -0.31 -0.03	16.20 -0.57 -0.10	15.54 -0.46 -0.06	15.10 -0.39 -0.03	15.45 -0.46 -0.02	16.50 -0.42 0.00	19.01 -0.29 0.00	19.51 -0.87 -0.12	20.28 -0.60 -0.21	21.14 -0.65 -0.12	20.46 -0.67 -0.31	20.56 -0.71 -0.30	21.53 -0.75 -0.19	22.21 -0.95 0.00	23.59 -0.70 0.00	24.90 -0.66 0.00	27.63 -1.09 0.00	30.90 -1.22 0.00	28.50 -1.12 -0.15	27.92 -1.04 -0.08	26.26 -0.81 0.00	23.30 -0.43 0.00	21.38 -0.09 0.00	19.62 0.10 0.00
LOCKPORT___CC1 323769	17.94 -0.33 -0.03	16.17 -0.60 -0.10	15.52 -0.48 -0.06	15.07 -0.42 -0.03	15.43 -0.48 -0.02	16.49 -0.44 0.00	19.01 -0.29 0.00	19.49 -0.89 -0.13	20.26 -0.62 -0.21	21.11 -0.67 -0.12	20.46 -0.67 -0.31	20.57 -0.71 -0.31	21.51 -0.77 -0.19	22.45 -0.72 0.00	23.54 -0.75 0.00	24.85 -0.72 0.00	27.80 -0.92 0.00	30.96 -1.15 0.00	28.83 -0.79 -0.15	28.12 -0.84 -0.08	26.29 -0.79 0.00	23.27 -0.45 0.00	21.38 -0.09 0.00	19.62 0.10 0.00
LOCKPORT___CC2 323770	17.94 -0.33 -0.03	16.17 -0.60 -0.10	15.52 -0.48 -0.06	15.07 -0.42 -0.03	15.43 -0.48 -0.02	16.49 -0.44 0.00	19.01 -0.29 0.00	19.49 -0.89 -0.13	20.26 -0.62 -0.21	21.11 -0.67 -0.12	20.46 -0.67 -0.31	20.57 -0.71 -0.31	21.51 -0.77 -0.19	22.45 -0.72 0.00	23.54 -0.75 0.00	24.85 -0.72 0.00	27.80 -0.92 0.00	30.96 -1.15 0.00	28.83 -0.79 -0.15	28.12 -0.84 -0.08	26.29 -0.79 0.00	23.27 -0.45 0.00	21.38 -0.09 0.00	19.62 0.10 0.00
LOCKPORT___CC3 323771	17.94 -0.33 -0.03	16.17 -0.60 -0.10	15.52 -0.48 -0.06	15.07 -0.42 -0.03	15.43 -0.48 -0.02	16.49 -0.44 0.00	19.01 -0.29 0.00	19.49 -0.89 -0.13	20.26 -0.62 -0.21	21.11 -0.67 -0.12	20.46 -0.67 -0.31	20.57 -0.71 -0.31	21.51 -0.77 -0.19	22.45 -0.72 0.00	23.54 -0.75 0.00	24.85 -0.72 0.00	27.80 -0.92 0.00	30.96 -1.15 0.00	28.83 -0.79 -0.15	28.12 -0.84 -0.08	26.29 -0.79 0.00	23.27 -0.45 0.00	21.38 -0.09 0.00	19.62 0.10 0.00

LONG_LAKE_PHOENIX 24014	18.13 -0.13 -0.01	16.54 -0.18 -0.05	15.80 -0.18 -0.03	15.31 -0.17 -0.01	15.73 -0.17 -0.01	16.76 -0.17 0.00	19.17 -0.14 0.00	20.03 -0.22 0.00	20.43 -0.25 0.00	21.36 -0.30 0.00	20.50 -0.31 0.00	20.66 -0.31 0.00	21.74 -0.35 0.00	22.74 -0.42 0.00	23.88 -0.41 0.00	25.18 -0.38 0.00	28.29 -0.43 0.00	31.60 -0.51 0.00	29.00 -0.47 0.00	28.45 -0.43 0.00	26.69 -0.38 0.00	23.41 -0.31 0.00	21.19 -0.28 0.00	19.37 -0.16 0.00
LOVETT___3 23632	19.37 0.97 -0.16	18.13 0.83 -0.63	17.09 0.78 -0.37	16.38 0.76 -0.16	16.77 0.78 -0.10	17.76 0.83 0.00	20.29 0.98 0.00	22.19 1.15 -0.78	23.20 1.22 -1.30	23.75 1.32 -0.76	24.06 1.31 -1.93	24.26 1.36 -1.92	24.75 1.46 -1.19	24.87 1.71 0.00	26.06 1.77 0.00	27.43 1.87 0.00	30.79 2.07 0.00	34.43 2.31 0.00	32.35 1.92 -0.96	31.11 1.76 -0.47	28.70 1.62 0.00	25.07 1.35 0.00	22.76 1.29 0.00	20.50 0.98 0.00
LOVETT___4 23642	19.37 0.97 -0.16	18.13 0.83 -0.63	17.09 0.78 -0.37	16.38 0.76 -0.16	16.77 0.78 -0.10	17.76 0.83 0.00	20.29 0.98 0.00	22.19 1.15 -0.78	23.20 1.22 -1.30	23.75 1.32 -0.76	24.06 1.31 -1.93	24.26 1.36 -1.92	24.75 1.46 -1.19	24.87 1.71 0.00	26.06 1.77 0.00	27.43 1.87 0.00	30.79 2.07 0.00	34.43 2.31 0.00	32.35 1.92 -0.96	31.11 1.76 -0.47	28.70 1.62 0.00	25.07 1.35 0.00	22.76 1.29 0.00	20.50 0.98 0.00
LOVETT___5 23593	19.37 0.97 -0.16	18.13 0.83 -0.63	17.09 0.78 -0.37	16.38 0.76 -0.16	16.77 0.78 -0.10	17.76 0.83 0.00	20.29 0.98 0.00	22.19 1.15 -0.78	23.20 1.22 -1.30	23.75 1.32 -0.76	24.06 1.31 -1.93	24.26 1.36 -1.92	24.75 1.46 -1.19	24.87 1.71 0.00	26.06 1.77 0.00	27.43 1.87 0.00	30.79 2.07 0.00	34.43 2.31 0.00	32.35 1.92 -0.96	31.11 1.76 -0.47	28.70 1.62 0.00	25.07 1.35 0.00	22.76 1.29 0.00	20.50 0.98 0.00
LOWER RAQUET___HYD 24057	18.15 -0.09 0.00	16.68 0.02 0.00	15.94 0.00 0.00	15.46 0.00 0.00	15.91 0.02 0.00	16.98 0.05 0.00	19.28 -0.02 0.00	20.50 0.24 0.00	20.88 0.21 0.00	21.90 0.24 0.00	21.00 0.19 0.00	21.12 0.15 0.00	22.25 0.16 0.00	23.28 0.12 0.00	24.44 0.15 0.00	25.64 0.08 0.00	28.75 0.03 0.00	31.82 -0.29 0.00	29.41 -0.06 0.00	28.85 -0.03 0.00	27.48 0.41 0.00	24.08 0.36 0.00	21.60 0.13 0.00	19.52 0.00 0.00
LOWER___HUDSON 24059	19.44 0.98 -0.21	18.35 0.87 -0.82	17.25 0.83 -0.48	16.49 0.82 -0.21	16.87 0.84 -0.13	17.81 0.88 0.00	20.44 1.06 -0.07	29.93 1.09 -8.58	33.02 1.14 -11.21	34.68 1.19 -11.82	37.78 1.14 -15.82	38.03 1.15 -15.91	36.56 1.21 -13.25	30.26 1.30 -5.81	31.28 1.36 -5.63	30.63 1.38 -3.69	37.62 1.55 -7.35	41.84 1.70 -8.03	43.62 1.53 -12.62	31.58 1.44 -1.26	28.43 1.35 0.00	24.93 1.21 0.00	22.54 1.07 0.00	20.48 0.96 0.00
LOWVILLE_115KV_TB2 356335	18.63 0.38 -0.01	17.04 0.35 -0.02	16.27 0.32 -0.01	15.78 0.31 -0.01	16.21 0.32 0.00	17.33 0.41 0.00	19.78 0.48 0.00	20.82 0.57 0.00	21.17 0.50 0.00	22.16 0.50 0.00	21.21 0.40 0.00	21.35 0.38 0.00	22.49 0.40 0.00	23.46 0.30 0.00	24.61 0.32 0.00	25.85 0.28 0.00	29.18 0.46 0.00	32.66 0.55 0.00	30.18 0.71 0.00	29.72 0.84 0.00	27.99 0.92 0.00	24.46 0.74 0.00	21.92 0.45 0.00	19.89 0.37 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	19.84 1.39 -0.21	18.70 1.20 -0.84	17.56 1.13 -0.49	16.79 1.11 -0.21	17.17 1.14 -0.14	18.16 1.24 0.00	20.74 1.41 -0.03	26.95 1.50 -5.20	29.84 1.53 -7.64	30.16 1.58 -6.92	33.27 1.50 -10.96	33.46 1.51 -10.97	32.05 1.57 -8.39	27.39 1.53 -2.70	28.41 1.51 -2.62	28.89 1.61 -1.72	33.98 1.84 -3.42	38.04 2.18 -3.74	39.17 2.03 -7.67	32.31 1.99 -1.43	28.94 1.87 0.00	25.52 1.80 0.00	23.01 1.55 0.00	20.87 1.35 0.00
LUTHERNY_35_KV_BK2 355980	19.86 1.40 -0.21	18.72 1.22 -0.84	17.58 1.15 -0.49	16.80 1.13 -0.21	17.19 1.16 -0.14	18.16 1.24 0.00	20.76 1.43 -0.03	26.95 1.50 -5.20	29.84 1.53 -7.64	30.16 1.58 -6.92	33.27 1.50 -10.96	33.48 1.53 -10.97	32.07 1.59 -8.39	27.39 1.53 -2.70	28.44 1.53 -2.62	28.92 1.64 -1.72	34.01 1.87 -3.42	38.07 2.22 -3.74	39.20 2.06 -7.67	32.34 2.02 -1.43	28.97 1.90 0.00	25.52 1.80 0.00	23.01 1.55 0.00	20.89 1.37 0.00
LWR___OSWEGATCHIE_HYD 23850	18.39 0.15 0.00	16.87 0.18 -0.02	16.11 0.16 -0.01	15.62 0.15 0.00	16.07 0.17 0.00	17.16 0.24 0.00	19.53 0.23 0.00	20.66 0.41 0.00	21.03 0.35 0.00	22.03 0.37 0.00	21.09 0.27 0.00	21.22 0.25 0.00	22.36 0.27 0.00	23.35 0.19 0.00	24.48 0.19 0.00	25.75 0.18 0.00	28.92 0.20 0.00	32.15 0.03 0.00	29.76 0.29 0.00	29.29 0.40 0.00	27.72 0.65 0.00	24.24 0.52 0.00	21.75 0.28 0.00	19.70 0.18 0.00
LYONS_FALL_HYD 23570	18.61 0.36 -0.01	17.00 0.32 -0.02	16.24 0.29 -0.01	15.75 0.28 -0.01	16.20 0.30 0.00	17.30 0.37 0.00	19.76 0.46 0.00	20.76 0.51 0.00	21.15 0.48 0.00	22.14 0.48 0.00	21.21 0.39 0.00	21.35 0.38 0.00	22.49 0.40 0.00	23.48 0.32 0.00	24.63 0.34 0.00	25.90 0.33 0.00	29.21 0.49 0.00	32.72 0.61 0.00	30.21 0.74 0.00	29.69 0.81 0.00	27.91 0.84 0.00	24.38 0.66 0.00	21.90 0.43 0.00	19.89 0.37 0.00
MADISON___COUNTY_LFGE 323628	18.65 0.40 -0.01	17.02 0.32 -0.04	16.25 0.29 -0.02	15.77 0.29 -0.01	16.20 0.30 -0.01	17.30 0.37 0.00	19.76 0.46 0.00	20.74 0.49 0.00	21.13 0.45 0.00	22.12 0.45 0.00	21.21 0.40 0.00	21.33 0.36 0.00	22.49 0.40 0.00	23.49 0.32 0.00	24.73 0.44 0.00	26.00 0.43 0.00	29.38 0.66 0.00	32.92 0.80 0.00	30.29 0.83 0.00	29.75 0.87 0.00	27.89 0.81 0.00	24.39 0.66 0.00	21.92 0.45 0.00	19.95 0.43 0.00
MALONE___115KV_TB1 356076	18.08 -0.16 0.00	16.65 -0.02 0.00	15.92 -0.02 0.00	15.45 -0.02 0.00	15.94 0.05 0.00	17.03 0.10 0.00	19.38 0.08 0.00	20.54 0.28 0.00	20.98 0.31 0.00	22.03 0.37 0.00	21.15 0.33 0.00	21.29 0.31 0.00	22.43 0.33 0.00	23.51 0.35 0.00	24.73 0.44 0.00	26.03 0.46 0.00	29.21 0.49 0.00	32.53 0.42 0.00	30.15 0.68 0.00	29.55 0.66 0.00	27.78 0.70 0.00	24.27 0.55 0.00	21.81 0.34 0.00	19.66 0.14 0.00
MAPLEWOD_115KV_TB3 80458	19.49 1.04 -0.21	18.37 0.88 -0.82	17.28 0.86 -0.48	16.50 0.83 -0.21	16.88 0.86 -0.13	17.82 0.90 0.00	20.24 0.98 0.04	19.49 1.05 1.82	19.96 1.08 1.79	18.33 1.15 4.49	19.78 1.08 2.12	19.84 1.09 2.23	19.68 1.17 3.58	20.64 1.27 3.79	21.88 1.26 3.67	24.46 1.30 2.41	25.39 1.46 4.80	28.57 1.70 5.24	26.86 1.53 4.14	31.52 1.53 -1.11	28.48 1.41 0.00	24.96 1.23 0.00	22.52 1.05 0.00	20.46 0.94 0.00
MAPLE RIDGE_WT_1 323574	17.75 -0.49 0.00	16.31 -0.35 0.00	15.59 -0.35 0.00	15.08 -0.39 0.00	15.49 -0.40 0.00	16.50 -0.42 0.00	18.80 -0.50 0.00	19.83 -0.43 0.00	20.28 -0.39 0.00	21.27 -0.39 0.00	20.48 -0.33 0.00	20.66 -0.31 0.00	21.74 -0.35 0.00	22.79 -0.37 0.00	23.90 -0.39 0.00	25.18 -0.38 0.00	28.35 -0.37 0.00	31.76 -0.35 0.00	29.20 -0.27 0.00	28.62 -0.26 0.00	26.86 -0.22 0.00	23.51 -0.21 0.00	21.25 -0.21 0.00	19.29 -0.23 0.00

MAPLE_RIDGE_WT_2 323611	17.75 -0.49 0.00	16.31 -0.35 0.00	15.59 -0.35 0.00	15.08 -0.39 0.00	15.49 -0.40 0.00	16.50 -0.42 0.00	18.80 -0.50 0.00	19.83 -0.43 0.00	20.28 -0.39 0.00	21.27 -0.39 0.00	20.48 -0.33 0.00	20.66 -0.31 0.00	21.74 -0.35 0.00	22.79 -0.37 0.00	23.90 -0.39 0.00	25.18 -0.38 0.00	28.35 -0.37 0.00	31.76 -0.35 0.00	29.20 -0.27 0.00	28.62 -0.26 0.00	26.86 -0.22 0.00	23.51 -0.21 0.00	21.25 -0.21 0.00	19.29 -0.23 0.00
MARBLE_RIVER_WT_PWR 323696	17.92 -0.33 0.00	16.51 -0.15 0.00	15.78 -0.16 0.00	15.32 -0.14 0.00	15.81 -0.08 0.00	16.91 -0.02 0.00	19.24 -0.06 0.00	20.38 0.12 0.00	20.82 0.15 0.00	21.86 0.19 0.00	21.00 0.19 0.00	21.14 0.17 0.00	22.29 0.20 0.00	23.42 0.26 0.00	24.61 0.31 0.00	25.87 0.31 0.00	29.12 0.40 0.00	32.66 0.55 0.00	30.06 0.59 0.00	29.46 0.58 0.00	27.64 0.57 0.00	24.12 0.40 0.00	21.73 0.26 0.00	19.62 0.10 0.00
MARSHVLE_115KV_TB1 80742	20.19 1.70 -0.25	19.12 1.45 -1.00	17.88 1.35 -0.59	17.06 1.35 -0.25	17.47 1.41 -0.16	18.52 1.59 0.00	21.14 1.83 0.00	24.31 1.94 -2.11	26.83 1.92 -4.23	26.45 1.93 -2.86	28.91 1.87 -6.22	29.01 1.85 -6.19	28.11 1.92 -4.10	25.56 1.97 -0.43	26.82 2.11 -0.41	28.01 2.17 -0.27	31.79 2.53 -0.54	35.63 2.92 -0.59	35.81 2.89 -3.45	33.09 2.92 -1.29	29.81 2.73 0.00	26.14 2.42 0.00	23.46 2.00 0.00	21.24 1.72 0.00
MARSH_HILL_WT_PWR 323713	18.31 0.04 -0.03	16.60 -0.20 -0.14	15.88 -0.14 -0.08	15.47 -0.03 -0.03	15.93 0.02 -0.02	17.06 0.13 0.00	19.71 0.41 0.00	20.53 0.10 -0.17	21.22 0.25 -0.29	22.03 0.19 -0.17	21.40 0.15 -0.43	21.51 0.11 -0.43	22.45 0.09 -0.27	23.30 0.14 0.00	24.48 0.19 0.00	25.90 0.33 0.00	28.98 0.26 0.00	32.44 0.32 0.00	30.16 0.47 -0.22	29.48 0.49 -0.10	27.56 0.49 0.00	24.27 0.55 0.00	22.05 0.58 0.00	20.15 0.62 0.00
MCINTYRE_115KV_TB2 80467	18.32 0.07 0.00	16.83 0.17 0.00	16.07 0.13 0.00	15.59 0.12 0.00	16.03 0.14 0.00	17.11 0.19 0.00	19.44 0.14 0.00	20.60 0.34 0.00	20.98 0.31 0.00	22.01 0.35 0.00	21.09 0.27 0.00	21.20 0.23 0.00	22.34 0.24 0.00	23.35 0.19 0.00	24.48 0.19 0.00	25.72 0.15 0.00	28.95 0.23 0.00	32.15 0.03 0.00	29.79 0.32 0.00	29.26 0.38 0.00	27.67 0.60 0.00	24.20 0.47 0.00	21.68 0.21 0.00	19.54 0.02 0.00
MECO____69_KV_BK1 80468	20.55 2.06 -0.24	19.37 1.75 -0.95	18.14 1.64 -0.56	17.33 1.62 -0.24	17.75 1.70 -0.16	18.82 1.90 0.00	21.39 2.08 0.00	24.95 2.21 -2.49	27.35 2.15 -4.53	26.81 2.08 -3.07	29.53 2.06 -6.65	29.59 1.99 -6.63	28.56 2.08 -4.39	25.71 2.08 -0.46	26.90 2.16 -0.45	28.14 2.28 -0.29	32.09 2.79 -0.59	36.03 3.28 -0.64	36.53 3.36 -3.70	33.69 3.44 -1.37	30.30 3.22 0.00	26.57 2.85 0.00	23.85 2.38 0.00	21.57 2.05 0.00
MENANDS__115KV_TB5 355628	19.16 0.71 -0.21	18.09 0.60 -0.82	17.04 0.62 -0.48	16.27 0.60 -0.21	16.64 0.62 -0.13	17.55 0.63 0.00	19.92 0.66 0.03	19.83 0.73 1.15	24.25 1.10 -2.48	23.41 1.17 -0.58	25.73 1.10 -3.81	25.84 1.11 -3.76	25.09 1.22 -1.78	23.50 1.30 0.96	24.72 1.36 0.93	26.34 1.38 0.61	29.09 1.58 1.21	32.59 1.80 1.33	32.24 1.65 -1.12	31.81 1.62 -1.31	28.54 1.46 0.00	24.98 1.26 0.00	22.52 1.05 0.00	20.44 0.92 0.00
MG INDUSTRY__DRP 24185	19.23 0.78 -0.20	18.15 0.68 -0.80	17.08 0.67 -0.47	16.33 0.66 -0.20	16.70 0.68 -0.13	17.62 0.69 0.00	20.03 0.75 0.02	20.40 0.79 0.65	21.08 0.81 0.40	20.39 0.87 0.21	21.31 0.79 0.30	21.43 0.82 0.36	21.51 0.86 1.44	21.98 0.93 2.10	23.18 0.92 2.04	25.15 0.92 1.34	27.12 1.06 2.66	30.40 1.19 2.91	28.70 1.09 1.86	30.78 1.07 -0.83	28.08 1.00 0.00	24.60 0.88 0.00	22.24 0.77 0.00	20.25 0.72 0.00
MID__OSWEGATCHIE_HYD 23849	18.39 0.15 0.00	16.87 0.18 -0.02	16.11 0.16 -0.01	15.62 0.15 0.00	16.07 0.17 0.00	17.16 0.24 0.00	19.53 0.23 0.00	20.66 0.41 0.00	21.03 0.35 0.00	22.03 0.37 0.00	21.09 0.27 0.00	21.22 0.25 0.00	22.36 0.27 0.00	23.35 0.19 0.00	24.48 0.19 0.00	25.75 0.18 0.00	28.92 0.20 0.00	32.15 0.03 0.00	29.76 0.29 0.00	29.29 0.40 0.00	27.72 0.65 0.00	24.24 0.52 0.00	21.75 0.28 0.00	19.70 0.18 0.00
MID__RAQUETTE_HYD 23851	18.15 -0.09 0.00	16.68 0.02 0.00	15.94 0.00 0.00	15.46 0.00 0.00	15.91 0.02 0.00	16.98 0.05 0.00	19.28 -0.02 0.00	20.50 0.24 0.00	20.88 0.21 0.00	21.90 0.24 0.00	21.00 0.19 0.00	21.12 0.15 0.00	22.25 0.15 0.00	23.28 0.12 0.00	24.44 0.15 0.00	25.67 0.10 0.00	28.75 0.03 0.00	31.73 -0.39 0.00	29.41 -0.06 0.00	28.85 -0.03 0.00	27.45 0.38 0.00	24.08 0.36 0.00	21.60 0.13 0.00	19.52 0.00 0.00
MILLIKEN__1 23584	18.66 0.38 -0.03	17.05 0.25 -0.13	16.26 0.24 -0.08	15.74 0.25 -0.03	16.18 0.27 -0.02	17.26 0.34 0.00	19.78 0.48 0.00	20.84 0.41 -0.17	21.36 0.39 -0.29	22.14 0.30 -0.17	21.52 0.27 -0.43	21.64 0.23 -0.43	22.61 0.24 -0.27	23.37 0.21 0.00	24.56 0.27 0.00	25.98 0.41 0.00	29.27 0.55 0.00	32.72 0.61 0.00	30.28 0.59 -0.22	29.62 0.64 -0.10	27.70 0.62 0.00	24.27 0.55 0.00	21.92 0.45 0.00	19.99 0.47 0.00
MILLIKEN__2 23585	18.66 0.38 -0.03	17.05 0.25 -0.13	16.26 0.24 -0.08	15.74 0.25 -0.03	16.18 0.27 -0.02	17.26 0.34 0.00	19.78 0.48 0.00	20.84 0.41 -0.17	21.36 0.39 -0.29	22.14 0.30 -0.17	21.52 0.27 -0.43	21.64 0.23 -0.43	22.61 0.24 -0.27	23.37 0.21 0.00	24.56 0.27 0.00	25.98 0.41 0.00	29.27 0.55 0.00	32.72 0.61 0.00	30.28 0.59 -0.22	29.62 0.64 -0.10	27.70 0.62 0.00	24.27 0.55 0.00	21.92 0.45 0.00	19.99 0.47 0.00
MILLIKEN__DIESEL 23629	18.66 0.38 -0.03	17.05 0.25 -0.13	16.26 0.24 -0.08	15.74 0.25 -0.03	16.18 0.27 -0.02	17.26 0.34 0.00	19.78 0.48 0.00	20.84 0.41 -0.17	21.36 0.39 -0.29	22.14 0.30 -0.17	21.52 0.27 -0.43	21.64 0.23 -0.43	22.61 0.24 -0.27	23.37 0.21 0.00	24.56 0.27 0.00	25.98 0.41 0.00	29.27 0.55 0.00	32.72 0.61 0.00	30.28 0.59 -0.22	29.62 0.64 -0.10	27.70 0.62 0.00	24.27 0.55 0.00	21.92 0.45 0.00	19.99 0.47 0.00
MILLSEAT__LFGE 323607	18.25 -0.02 -0.02	16.44 -0.32 -0.10	15.79 -0.21 -0.06	15.32 -0.17 -0.02	15.68 -0.22 -0.02	16.76 -0.17 0.00	19.34 0.04 0.00	19.87 -0.51 -0.12	20.63 -0.25 -0.20	21.50 -0.28 -0.12	20.76 -0.35 -0.29	20.87 -0.40 -0.29	21.84 -0.44 -0.18	22.77 -0.39 0.00	23.93 -0.36 0.00	25.26 -0.31 0.00	28.32 -0.40 0.00	31.60 -0.52 0.00	29.38 -0.24 -0.15	28.69 -0.26 -0.07	26.89 -0.19 0.00	23.77 0.05 0.00	21.73 0.26 0.00	19.89 0.37 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	19.45 1.04 -0.17	18.22 0.90 -0.65	17.17 0.84 -0.38	16.45 0.82 -0.17	16.84 0.84 -0.11	17.82 0.90 0.00	20.34 1.04 0.00	22.28 1.22 -0.80	23.29 1.28 -1.34	23.83 1.39 -0.78	24.20 1.39 -1.99	24.37 1.43 -1.98	24.85 1.52 -1.23	24.94 1.78 0.00	26.11 1.82 0.00	27.48 1.92 0.00	30.85 2.13 0.00	34.52 2.41 0.00	32.47 2.00 -0.99	31.21 1.85 -0.48	28.78 1.71 0.00	25.12 1.40 0.00	22.82 1.35 0.00	20.58 1.05 0.00

MILLWOOD_13_KV_LOAD 356217	19.48 1.08 -0.17	18.25 0.93 -0.65	17.20 0.88 -0.38	16.48 0.85 -0.17	16.87 0.87 -0.11	17.86 0.93 0.00	20.36 1.06 0.00	22.32 1.26 -0.80	23.34 1.32 -1.34	23.90 1.45 -0.78	24.24 1.44 -1.99	24.42 1.47 -1.98	24.87 1.55 -1.23	24.99 1.83 0.00	26.19 1.89 0.00	27.54 1.97 0.00	30.93 2.21 0.00	34.59 2.47 0.00	32.55 2.09 -0.99	31.30 1.94 -0.48	28.86 1.79 0.00	25.19 1.47 0.00	22.84 1.37 0.00	20.62 1.09 0.00
MODEL_CITY_ENERGY 24167	17.94 -0.33 -0.03	16.17 -0.60 -0.10	15.52 -0.48 -0.06	15.08 -0.40 -0.03	15.43 -0.48 -0.02	16.49 -0.44 0.00	19.01 -0.29 0.00	19.49 -0.89 -0.12	20.24 -0.64 -0.21	21.11 -0.67 -0.12	20.44 -0.69 -0.31	20.54 -0.73 -0.30	21.49 -0.79 -0.19	22.42 -0.74 0.00	23.54 -0.75 0.00	24.83 -0.74 0.00	27.80 -0.92 0.00	30.96 -1.15 0.00	28.83 -0.79 -0.15	28.12 -0.84 -0.08	26.29 -0.79 0.00	23.27 -0.45 0.00	21.36 -0.11 0.00	19.60 0.08 0.00
MODERN_LFGE_ 323580	17.94 -0.33 -0.03	16.17 -0.60 -0.10	15.52 -0.48 -0.06	15.08 -0.40 -0.03	15.43 -0.48 -0.02	16.49 -0.44 0.00	19.01 -0.29 0.00	19.49 -0.89 -0.12	20.24 -0.64 -0.21	21.11 -0.67 -0.12	20.44 -0.69 -0.31	20.54 -0.73 -0.30	21.49 -0.79 -0.19	22.42 -0.74 0.00	23.54 -0.75 0.00	24.83 -0.74 0.00	27.80 -0.92 0.00	30.96 -1.15 0.00	28.83 -0.79 -0.15	28.12 -0.84 -0.08	26.29 -0.79 0.00	23.27 -0.45 0.00	21.36 -0.11 0.00	19.60 0.08 0.00
MOHAWK_PAPER___DRP 24187	19.49 1.04 -0.21	18.37 0.88 -0.82	17.28 0.86 -0.48	16.50 0.83 -0.21	16.88 0.86 -0.13	17.82 0.90 0.00	20.24 0.98 0.04	19.49 1.05 1.82	19.96 1.08 1.79	18.33 1.15 4.49	19.78 1.08 2.12	19.84 1.09 2.23	19.68 1.17 3.58	20.64 1.27 3.79	21.88 1.26 3.67	24.46 1.30 2.41	25.39 1.46 4.80	28.57 1.70 5.24	26.86 1.53 4.14	31.52 1.53 -1.11	28.48 1.41 0.00	24.96 1.23 0.00	22.52 1.05 0.00	20.46 0.94 0.00
MOHICAN__35_KV_115KV_LD 80490	20.23 1.77 -0.21	19.00 1.50 -0.84	17.85 1.42 -0.49	17.07 1.39 -0.21	17.47 1.45 -0.14	18.48 1.56 0.00	21.13 1.80 -0.03	27.18 1.90 -5.02	30.07 1.94 -7.45	30.28 1.95 -6.66	33.39 1.87 -10.70	33.58 1.89 -10.72	32.13 1.90 -8.13	27.28 1.57 -2.54	28.21 1.46 -2.46	28.87 1.69 -1.61	33.89 1.95 -3.22	38.07 2.44 -3.52	39.21 2.33 -7.41	32.64 2.31 -1.44	29.21 2.14 0.00	26.07 2.35 0.00	23.42 1.95 0.00	21.22 1.70 0.00
MONGAUP___HYD 23641	19.29 0.89 -0.15	18.03 0.77 -0.60	17.01 0.72 -0.35	16.31 0.70 -0.15	16.70 0.72 -0.10	17.69 0.76 0.00	20.19 0.89 0.00	22.01 1.01 -0.74	22.96 1.05 -1.23	23.47 1.08 -0.72	23.71 1.06 -1.83	23.88 1.09 -1.82	24.37 1.15 -1.13	24.46 1.30 0.00	25.63 1.34 0.00	27.02 1.46 0.00	30.44 1.72 0.00	34.07 1.96 0.00	32.12 1.74 -0.91	31.00 1.67 -0.44	28.59 1.52 0.00	25.03 1.30 0.00	22.67 1.20 0.00	20.48 0.96 0.00
MONTAUK___DIESEL 23721	30.17 1.97 -9.96	30.02 1.73 -11.62	21.06 1.66 -3.46	20.56 1.61 -3.49	21.63 1.65 -4.08	20.72 1.74 -2.05	30.14 2.05 -8.79	30.70 2.29 -8.16	30.84 2.54 -7.62	31.44 2.71 -7.07	31.56 2.62 -8.12	29.41 2.64 -5.79	29.47 2.74 -4.63	36.06 3.17 -9.73	35.99 3.28 -8.42	43.05 3.48 -14.01	47.19 3.91 -14.57	52.76 4.40 -16.24	54.36 3.86 -21.03	41.69 3.64 -9.17	39.24 3.28 -8.89	33.55 2.56 -7.26	28.70 2.58 -4.65	27.65 2.19 -5.94
MOONROAD_115KV_HARTFLD_TB1-2 355988	18.07 -0.20 -0.03	16.23 -0.55 -0.12	15.55 -0.46 -0.07	15.21 -0.28 -0.03	15.69 -0.22 -0.02	16.84 -0.08 0.00	19.53 0.23 0.00	20.35 -0.06 -0.15	21.17 0.25 -0.25	22.12 0.30 -0.15	21.46 0.27 -0.37	21.60 0.25 -0.37	22.63 0.31 -0.23	23.37 0.21 0.00	24.75 0.46 0.00	26.16 0.59 0.00	28.87 0.14 0.00	31.92 -0.19 0.00	29.45 -0.21 -0.19	28.83 -0.14 -0.09	26.91 -0.16 0.00	23.91 0.19 0.00	21.90 0.43 0.00	20.03 0.51 0.00
MORTIMER_115KV_TB3 55949	18.28 0.02 -0.02	16.58 -0.17 -0.08	15.86 -0.13 -0.05	15.34 -0.14 -0.02	15.70 -0.21 -0.01	16.77 -0.15 0.00	19.32 0.02 0.00	20.05 -0.30 -0.10	20.69 -0.14 -0.16	21.61 -0.15 -0.10	20.87 -0.19 -0.24	21.00 -0.21 -0.24	22.00 -0.24 -0.15	22.81 -0.35 0.00	24.12 -0.17 0.00	25.46 -0.10 0.00	28.38 -0.34 0.00	31.76 -0.35 0.00	29.27 -0.32 -0.12	28.68 -0.26 -0.06	26.94 -0.14 0.00	23.77 0.05 0.00	21.60 0.13 0.00	19.78 0.25 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	19.58 1.17 -0.17	18.34 1.02 -0.66	17.26 0.94 -0.38	16.56 0.93 -0.17	16.95 0.95 -0.11	17.91 0.98 0.00	20.48 1.18 0.00	22.44 1.38 -0.81	23.49 1.47 -1.35	24.03 1.58 -0.79	24.38 1.56 -2.00	24.57 1.61 -1.99	25.07 1.75 -1.23	25.20 2.04 0.00	26.36 2.06 0.00	27.71 2.15 0.00	31.13 2.41 0.00	34.81 2.70 0.00	32.71 2.24 -1.00	31.42 2.05 -0.48	28.97 1.90 0.00	25.29 1.57 0.00	23.01 1.55 0.00	20.69 1.17 0.00
MUNSVILLE_WIND_PWR 323609	19.37 1.08 -0.05	17.73 0.87 -0.20	16.87 0.81 -0.12	16.35 0.83 -0.05	16.81 0.89 -0.03	18.03 1.10 0.00	20.69 1.39 0.00	22.00 1.42 -0.33	22.58 1.34 -0.56	22.70 0.71 -0.33	22.29 0.65 -0.83	22.36 0.57 -0.82	23.18 0.57 -0.51	23.74 0.58 0.00	24.92 0.63 0.00	26.87 1.30 0.00	30.44 1.72 0.00	34.30 2.18 0.00	32.24 2.36 -0.41	31.59 2.51 -0.20	29.43 2.35 0.00	25.64 1.92 0.00	22.88 1.42 0.00	20.79 1.27 0.00
N SALMON___HYD 24042	18.08 -0.16 0.00	16.65 -0.02 0.00	15.92 -0.02 0.00	15.45 -0.02 0.00	15.94 0.05 0.00	17.03 0.10 0.00	19.38 0.08 0.00	20.54 0.28 0.00	20.98 0.31 0.00	22.03 0.37 0.00	21.15 0.33 0.00	21.29 0.32 0.00	22.43 0.33 0.00	23.53 0.37 0.00	24.73 0.44 0.00	25.97 0.41 0.00	29.21 0.49 0.00	32.69 0.58 0.00	30.15 0.68 0.00	29.55 0.66 0.00	27.80 0.73 0.00	24.27 0.55 0.00	21.81 0.34 0.00	19.66 0.14 0.00
N.AKRON__115KV_KNAPP 355671	18.25 -0.02 -0.02	16.45 -0.32 -0.10	15.79 -0.21 -0.06	15.32 -0.17 -0.02	15.68 -0.22 -0.02	16.76 -0.17 0.00	19.34 0.04 0.00	19.87 -0.51 -0.12	20.63 -0.25 -0.20	21.50 -0.28 -0.12	20.76 -0.35 -0.30	20.87 -0.40 -0.30	21.86 -0.42 -0.18	22.56 -0.60 0.00	23.98 -0.32 0.00	25.31 -0.26 0.00	28.12 -0.60 0.00	31.47 -0.64 0.00	29.03 -0.59 -0.15	28.49 -0.46 -0.07	26.81 -0.27 0.00	23.75 0.02 0.00	21.72 0.26 0.00	19.91 0.39 0.00
N.BELMOR_69_KV_BK1 55787	29.66 1.46 -9.96	29.59 1.30 -11.62	20.61 1.21 -3.46	20.14 1.19 -3.49	21.20 1.22 -4.08	20.26 1.29 -2.05	29.60 1.51 -8.79	30.09 1.68 -8.16	30.09 1.80 -7.62	30.68 1.95 -7.07	30.79 1.85 -8.12	28.65 1.89 -5.79	28.72 1.99 -4.63	35.18 2.29 -9.73	35.06 2.36 -8.42	42.06 2.48 -14.01	45.99 2.70 -14.57	51.41 3.05 -16.24	53.12 2.62 -21.03	40.48 2.43 -9.17	38.21 2.25 -8.89	32.86 1.87 -7.26	27.99 1.87 -4.65	26.97 1.50 -5.94
N.E._GEN_SANDY PD 24062	19.34 0.91 -0.19	18.22 0.82 -0.74	17.15 0.78 -0.43	16.42 0.77 -0.19	16.79 0.78 -0.12	17.74 0.81 0.00	20.26 0.95 -0.01	23.51 0.99 -2.26	24.90 1.01 -3.21	25.59 1.10 -2.82	26.50 1.06 -4.62	26.69 1.09 -4.63	26.72 1.15 -3.48	25.45 1.25 -1.04	26.61 1.31 -1.01	27.53 1.30 -0.66	31.47 1.44 -1.32	35.06 1.51 -1.44	33.89 1.27 -3.15	30.82 1.27 -0.67	28.26 1.19 0.00	24.79 1.07 0.00	22.48 1.01 0.00	20.44 0.92 0.00

N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	19.39 0.99 -0.16	18.15 0.85 -0.63	17.11 0.80 -0.37	16.40 0.77 -0.16	16.79 0.79 -0.10	17.77 0.85 0.00	20.31 1.00 0.00	22.21 1.17 -0.78	23.21 1.24 -1.30	23.77 1.34 -0.76	24.10 1.35 -1.93	24.27 1.38 -1.92	24.77 1.48 -1.19	24.92 1.76 0.00	26.11 1.82 0.00	27.48 1.92 0.00	30.85 2.13 0.00	34.49 2.38 0.00	32.44 2.00 -0.96	31.17 1.82 -0.47	28.75 1.68 0.00	25.12 1.40 0.00	22.78 1.31 0.00	20.54 1.02 0.00
N.QUEENS_27_KV_LOAD 356247	19.77 1.35 -0.17	18.50 1.17 -0.66	17.43 1.10 -0.39	16.72 1.08 -0.17	17.12 1.11 -0.12	17.99 1.07 0.00	20.48 1.18 0.00	22.46 1.40 -0.81	23.45 1.43 -1.35	24.03 1.58 -0.79	24.44 1.62 -2.00	24.66 1.70 -1.99	25.21 1.88 -1.23	25.35 2.18 -0.01	26.40 2.11 0.00	27.79 2.22 0.00	31.17 2.44 -0.01	34.88 2.76 -0.01	32.80 2.33 -1.01	31.53 2.17 -0.48	29.05 1.98 0.00	25.36 1.64 0.00	23.19 1.72 -0.01	20.83 1.31 0.00
N.TROY___115KV_TB1 355778	19.44 0.99 -0.21	18.35 0.87 -0.82	17.25 0.83 -0.48	16.49 0.82 -0.21	16.87 0.84 -0.13	17.81 0.88 0.00	20.44 1.06 -0.07	29.93 1.09 -8.58	33.03 1.14 -11.21	34.68 1.19 -11.82	37.78 1.14 -15.82	38.03 1.15 -15.91	36.56 1.22 -13.25	30.26 1.30 -5.81	31.18 1.26 -5.63	30.56 1.30 -3.69	37.53 1.46 -7.35	41.84 1.70 -8.03	43.62 1.53 -12.62	31.58 1.44 -1.26	28.43 1.35 0.00	24.93 1.21 0.00	22.54 1.07 0.00	20.48 0.96 0.00
NARROWS_GT1_1 24228	19.73 1.31 -0.17	18.45 1.13 -0.66	17.36 1.04 -0.38	16.65 1.02 -0.17	17.03 1.03 -0.11	17.94 1.02 0.00	20.48 1.18 0.00	22.48 1.42 -0.81	23.53 1.51 -1.35	24.10 1.65 -0.79	24.48 1.67 -2.00	24.70 1.74 -1.99	25.21 1.88 -1.23	25.23 2.06 -0.01	26.45 2.16 0.00	27.89 2.33 0.00	31.37 2.64 -0.01	35.04 2.92 -0.01	32.92 2.44 -1.01	31.59 2.22 -0.48	29.08 2.00 0.00	25.43 1.71 0.00	23.21 1.74 -0.01	20.83 1.31 0.00
NARROWS_GT1_2 24229	19.73 1.31 -0.17	18.45 1.13 -0.66	17.36 1.04 -0.38	16.65 1.02 -0.17	17.03 1.03 -0.11	17.94 1.02 0.00	20.48 1.18 0.00	22.48 1.42 -0.81	23.53 1.51 -1.35	24.10 1.65 -0.79	24.48 1.67 -2.00	24.70 1.74 -1.99	25.21 1.88 -1.23	25.23 2.06 -0.01	26.45 2.16 0.00	27.89 2.33 0.00	31.37 2.64 -0.01	35.04 2.92 -0.01	32.92 2.44 -1.01	31.59 2.22 -0.48	29.08 2.00 0.00	25.43 1.71 0.00	23.21 1.74 -0.01	20.83 1.31 0.00
NARROWS_GT1_3 24230	19.73 1.31 -0.17	18.45 1.13 -0.66	17.36 1.04 -0.38	16.65 1.02 -0.17	17.03 1.03 -0.11	17.94 1.02 0.00	20.48 1.18 0.00	22.48 1.42 -0.81	23.53 1.51 -1.35	24.10 1.65 -0.79	24.48 1.67 -2.00	24.70 1.74 -1.99	25.21 1.88 -1.23	25.23 2.06 -0.01	26.45 2.16 0.00	27.89 2.33 0.00	31.37 2.64 -0.01	35.04 2.92 -0.01	32.92 2.44 -1.01	31.59 2.22 -0.48	29.08 2.00 0.00	25.43 1.71 0.00	23.21 1.74 -0.01	20.83 1.31 0.00
NARROWS_GT1_4 24231	19.73 1.31 -0.17	18.45 1.13 -0.66	17.36 1.04 -0.38	16.65 1.02 -0.17	17.03 1.03 -0.11	17.94 1.02 0.00	20.48 1.18 0.00	22.48 1.42 -0.81	23.53 1.51 -1.35	24.10 1.65 -0.79	24.48 1.67 -2.00	24.70 1.74 -1.99	25.21 1.88 -1.23	25.23 2.06 -0.01	26.45 2.16 0.00	27.89 2.33 0.00	31.37 2.64 -0.01	35.04 2.92 -0.01	32.92 2.44 -1.01	31.59 2.22 -0.48	29.08 2.00 0.00	25.43 1.71 0.00	23.21 1.74 -0.01	20.83 1.31 0.00
NARROWS_GT1_5 24232	19.73 1.31 -0.17	18.45 1.13 -0.66	17.36 1.04 -0.38	16.65 1.02 -0.17	17.03 1.03 -0.11	17.94 1.02 0.00	20.48 1.18 0.00	22.48 1.42 -0.81	23.53 1.51 -1.35	24.10 1.65 -0.79	24.48 1.67 -2.00	24.70 1.74 -1.99	25.21 1.88 -1.23	25.23 2.06 -0.01	26.45 2.16 0.00	27.89 2.33 0.00	31.37 2.64 -0.01	35.04 2.92 -0.01	32.92 2.44 -1.01	31.59 2.22 -0.48	29.08 2.00 0.00	25.43 1.71 0.00	23.21 1.74 -0.01	20.83 1.31 0.00
NARROWS_GT1_6 24233	19.73 1.31 -0.17	18.45 1.13 -0.66	17.36 1.04 -0.38	16.65 1.02 -0.17	17.03 1.03 -0.11	17.94 1.02 0.00	20.48 1.18 0.00	22.48 1.42 -0.81	23.53 1.51 -1.35	24.10 1.65 -0.79	24.48 1.67 -2.00	24.70 1.74 -1.99	25.21 1.88 -1.23	25.23 2.06 -0.01	26.45 2.16 0.00	27.89 2.33 0.00	31.37 2.64 -0.01	35.04 2.92 -0.01	32.92 2.44 -1.01	31.59 2.22 -0.48	29.08 2.00 0.00	25.43 1.71 0.00	23.21 1.74 -0.01	20.83 1.31 0.00
NARROWS_GT1_7 24234	19.73 1.31 -0.17	18.45 1.13 -0.66	17.36 1.04 -0.38	16.65 1.02 -0.17	17.03 1.03 -0.11	17.94 1.02 0.00	20.48 1.18 0.00	22.48 1.42 -0.81	23.53 1.51 -1.35	24.10 1.65 -0.79	24.48 1.67 -2.00	24.70 1.74 -1.99	25.21 1.88 -1.23	25.23 2.06 -0.01	26.45 2.16 0.00	27.89 2.33 0.00	31.37 2.64 -0.01	35.04 2.92 -0.01	32.92 2.44 -1.01	31.59 2.22 -0.48	29.08 2.00 0.00	25.43 1.71 0.00	23.21 1.74 -0.01	20.83 1.31 0.00
NARROWS_GT1_8 24235	19.73 1.31 -0.17	18.45 1.13 -0.66	17.36 1.04 -0.38	16.65 1.02 -0.17	17.03 1.03 -0.11	17.94 1.02 0.00	20.48 1.18 0.00	22.48 1.42 -0.81	23.53 1.51 -1.35	24.10 1.65 -0.79	24.48 1.67 -2.00	24.70 1.74 -1.99	25.21 1.88 -1.23	25.23 2.06 -0.01	26.45 2.16 0.00	27.89 2.33 0.00	31.37 2.64 -0.01	35.04 2.92 -0.01	32.92 2.44 -1.01	31.59 2.22 -0.48	29.08 2.00 0.00	25.43 1.71 0.00	23.21 1.74 -0.01	20.83 1.31 0.00
NARROWS_GT2_1 24236	19.73 1.31 -0.17	18.45 1.13 -0.66	17.36 1.04 -0.38	16.65 1.02 -0.17	17.03 1.03 -0.11	17.94 1.02 0.00	20.48 1.18 0.00	22.48 1.42 -0.81	23.53 1.51 -1.35	24.10 1.65 -0.79	24.48 1.67 -2.00	24.70 1.74 -1.99	25.21 1.88 -1.23	25.23 2.06 -0.01	26.45 2.16 0.00	27.89 2.33 0.00	31.37 2.64 -0.01	35.04 2.92 -0.01	32.92 2.44 -1.01	31.59 2.22 -0.48	29.08 2.00 0.00	25.43 1.71 0.00	23.21 1.74 -0.01	20.83 1.31 0.00
NARROWS_GT2_2 24237	19.73 1.31 -0.17	18.45 1.13 -0.66	17.36 1.04 -0.38	16.65 1.02 -0.17	17.03 1.03 -0.11	17.94 1.02 0.00	20.48 1.18 0.00	22.48 1.42 -0.81	23.53 1.51 -1.35	24.10 1.65 -0.79	24.48 1.67 -2.00	24.70 1.74 -1.99	25.21 1.88 -1.23	25.23 2.06 -0.01	26.45 2.16 0.00	27.89 2.33 0.00	31.37 2.64 -0.01	35.04 2.92 -0.01	32.92 2.44 -1.01	31.59 2.22 -0.48	29.08 2.00 0.00	25.43 1.71 0.00	23.21 1.74 -0.01	20.83 1.31 0.00
NARROWS_GT2_3 24238	19.73 1.31 -0.17	18.45 1.13 -0.66	17.36 1.04 -0.38	16.65 1.02 -0.17	17.03 1.03 -0.11	17.94 1.02 0.00	20.48 1.18 0.00	22.48 1.42 -0.81	23.53 1.51 -1.35	24.10 1.65 -0.79	24.48 1.67 -2.00	24.70 1.74 -1.99	25.21 1.88 -1.23	25.23 2.06 -0.01	26.45 2.16 0.00	27.89 2.33 0.00	31.37 2.64 -0.01	35.04 2.92 -0.01	32.92 2.44 -1.01	31.59 2.22 -0.48	29.08 2.00 0.00	25.43 1.71 0.00	23.21 1.74 -0.01	20.83 1.31 0.00
NARROWS_GT2_4 24239	19.73 1.31 -0.17	18.45 1.13 -0.66	17.36 1.04 -0.38	16.65 1.02 -0.17	17.03 1.03 -0.11	17.94 1.02 0.00	20.48 1.18 0.00	22.48 1.42 -0.81	23.53 1.51 -1.35	24.10 1.65 -0.79	24.48 1.67 -2.00	24.70 1.74 -1.99	25.21 1.88 -1.23	25.23 2.06 -0.01	26.45 2.16 0.00	27.89 2.33 0.00	31.37 2.64 -0.01	35.04 2.92 -0.01	32.92 2.44 -1.01	31.59 2.22 -0.48	29.08 2.00 0.00	25.43 1.71 0.00	23.21 1.74 -0.01	20.83 1.31 0.00

NARROWS_GT2_5 24240	19.73 1.31 -0.17	18.45 1.13 -0.66	17.36 1.04 -0.38	16.65 1.02 -0.17	17.03 1.03 -0.11	17.94 1.02 0.00	20.48 1.18 0.00	22.48 1.42 -0.81	23.53 1.51 -1.35	24.10 1.65 -0.79	24.48 1.67 -2.00	24.70 1.74 -1.99	25.21 1.88 -1.23	25.23 2.06 -0.01	26.45 2.16 0.00	27.89 2.33 0.00	31.37 2.64 -0.01	35.04 2.92 -0.01	32.92 2.44 -1.01	31.59 2.22 -0.48	29.08 2.00 0.00	25.43 1.71 0.00	23.21 1.74 -0.01	20.83 1.31 0.00
NARROWS_GT2_6 24241	19.73 1.31 -0.17	18.45 1.13 -0.66	17.36 1.04 -0.38	16.65 1.02 -0.17	17.03 1.03 -0.11	17.94 1.02 0.00	20.48 1.18 0.00	22.48 1.42 -0.81	23.53 1.51 -1.35	24.10 1.65 -0.79	24.48 1.67 -2.00	24.70 1.74 -1.99	25.21 1.88 -1.23	25.23 2.06 -0.01	26.45 2.16 0.00	27.89 2.33 0.00	31.37 2.64 -0.01	35.04 2.92 -0.01	32.92 2.44 -1.01	31.59 2.22 -0.48	29.08 2.00 0.00	25.43 1.71 0.00	23.21 1.74 -0.01	20.83 1.31 0.00
NARROWS_GT2_7 24242	19.73 1.31 -0.17	18.45 1.13 -0.66	17.36 1.04 -0.38	16.65 1.02 -0.17	17.03 1.03 -0.11	17.94 1.02 0.00	20.48 1.18 0.00	22.48 1.42 -0.81	23.53 1.51 -1.35	24.10 1.65 -0.79	24.48 1.67 -2.00	24.70 1.74 -1.99	25.21 1.88 -1.23	25.23 2.06 -0.01	26.45 2.16 0.00	27.89 2.33 0.00	31.37 2.64 -0.01	35.04 2.92 -0.01	32.92 2.44 -1.01	31.59 2.22 -0.48	29.08 2.00 0.00	25.43 1.71 0.00	23.21 1.74 -0.01	20.83 1.31 0.00
NARROWS_GT2_8 24243	19.73 1.31 -0.17	18.45 1.13 -0.66	17.36 1.04 -0.38	16.65 1.02 -0.17	17.03 1.03 -0.11	17.94 1.02 0.00	20.48 1.18 0.00	22.48 1.42 -0.81	23.53 1.51 -1.35	24.10 1.65 -0.79	24.48 1.67 -2.00	24.70 1.74 -1.99	25.21 1.88 -1.23	25.23 2.06 -0.01	26.45 2.16 0.00	27.89 2.33 0.00	31.37 2.64 -0.01	35.04 2.92 -0.01	32.92 2.44 -1.01	31.59 2.22 -0.48	29.08 2.00 0.00	25.43 1.71 0.00	23.21 1.74 -0.01	20.83 1.31 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	19.50 1.06 -0.19	18.23 0.80 -0.77	17.20 0.81 -0.45	16.54 0.88 -0.19	16.94 0.92 -0.13	17.87 0.95 0.00	20.36 1.08 0.02	20.82 1.24 0.67	21.46 1.26 0.48	20.77 1.26 2.15	21.53 1.12 0.42	21.65 1.15 0.48	21.79 1.19 1.49	22.39 1.30 2.06	23.63 1.34 2.00	25.61 1.36 1.31	27.69 1.58 2.61	31.09 1.83 2.85	29.38 1.80 1.88	31.14 1.47 -0.78	28.56 1.49 0.00	25.03 1.30 0.00	22.50 1.03 0.00	20.44 0.92 0.00
NCHELSEA_115KV_TR2 355582	19.56 1.15 -0.17	18.32 1.00 -0.66	17.26 0.94 -0.38	16.54 0.91 -0.17	16.94 0.94 -0.11	17.92 1.00 0.00	20.44 1.14 0.00	22.37 1.30 -0.81	23.39 1.36 -1.36	23.89 1.43 -0.79	24.25 1.42 -2.01	24.42 1.45 -2.00	24.86 1.52 -1.24	24.99 1.83 0.00	26.19 1.89 0.00	27.56 1.99 0.00	30.99 2.27 0.00	34.68 2.57 0.00	32.71 2.24 -1.01	31.42 2.05 -0.49	28.94 1.87 0.00	25.26 1.54 0.00	22.88 1.42 0.00	20.67 1.15 0.00
NEG CAPITAL___MECHNVIL 23645	19.82 1.37 -0.21	18.68 1.18 -0.83	17.54 1.12 -0.49	16.77 1.10 -0.21	17.16 1.13 -0.14	18.13 1.20 0.00	20.75 1.41 -0.04	27.90 1.48 -6.17	30.85 1.51 -8.67	31.54 1.56 -8.32	34.67 1.50 -12.35	34.87 1.51 -12.39	33.46 1.59 -9.78	28.41 1.67 -3.59	29.51 1.75 -3.47	29.71 1.87 -2.28	35.38 2.13 -4.54	39.45 2.38 -4.96	40.79 2.24 -9.08	32.41 2.14 -1.39	29.11 2.03 0.00	25.50 1.78 0.00	22.99 1.52 0.00	20.87 1.35 0.00
NEG CENTRAL_HIGH_ACRES 23767	17.97 -0.29 -0.02	16.33 -0.42 -0.08	15.60 -0.38 -0.05	15.10 -0.39 -0.02	15.46 -0.44 -0.01	16.52 -0.41 0.00	19.01 -0.29 0.00	19.80 -0.55 -0.09	20.40 -0.44 -0.16	21.30 -0.46 -0.09	20.57 -0.48 -0.23	20.68 -0.52 -0.23	21.69 -0.55 -0.14	22.63 -0.53 0.00	23.73 -0.56 0.00	25.06 -0.51 0.00	28.15 -0.57 0.00	31.44 -0.68 0.00	29.06 -0.53 -0.12	28.42 -0.52 -0.06	26.59 -0.49 0.00	23.39 -0.33 0.00	21.21 -0.26 0.00	19.37 -0.16 0.00
NEG CENTRAL___DRP 24199	18.34 0.07 -0.02	16.70 -0.05 -0.09	15.94 -0.05 -0.05	15.45 -0.03 -0.02	15.89 -0.02 -0.01	16.98 0.05 0.00	19.51 0.21 0.00	20.42 0.06 -0.10	20.95 0.10 -0.17	21.83 0.06 -0.10	21.10 0.02 -0.26	21.23 0.00 -0.26	22.25 0.00 -0.16	23.09 -0.07 0.00	24.34 0.05 0.00	25.69 0.13 0.00	28.87 0.14 0.00	32.24 0.13 0.00	29.72 0.12 -0.13	29.09 0.14 -0.06	27.24 0.16 0.00	23.91 0.19 0.00	21.66 0.19 0.00	19.78 0.25 0.00
NEG CENTRAL___INDECK 23768	18.69 0.42 -0.03	16.93 0.15 -0.12	16.20 0.19 -0.07	15.71 0.22 -0.03	16.12 0.21 -0.02	17.25 0.32 0.00	19.90 0.60 0.00	20.68 0.28 -0.14	21.26 0.35 -0.24	21.98 0.17 -0.14	21.24 0.06 -0.36	21.35 0.02 -0.35	22.23 -0.09 -0.22	23.07 -0.09 0.00	24.24 -0.05 0.00	25.67 0.10 0.00	28.84 0.12 0.00	32.31 0.19 0.00	30.24 0.59 -0.18	29.78 0.81 -0.09	27.94 0.87 0.00	24.62 0.90 0.00	22.35 0.88 0.00	20.40 0.88 0.00
NEG CENTRAL___SENECA 23627	18.36 0.09 -0.02	16.68 -0.08 -0.10	15.93 -0.06 -0.06	15.46 -0.03 -0.02	15.88 -0.03 -0.02	16.98 0.05 0.00	19.57 0.27 0.00	20.45 0.08 -0.12	21.04 0.17 -0.20	21.89 0.11 -0.12	21.19 0.08 -0.29	21.31 0.04 -0.29	22.30 0.02 -0.18	23.14 -0.02 0.00	24.39 0.10 0.00	25.80 0.23 0.00	28.92 0.20 0.00	32.34 0.22 0.00	29.82 0.21 -0.15	29.18 0.23 -0.07	27.32 0.24 0.00	24.03 0.31 0.00	21.77 0.30 0.00	19.87 0.35 0.00
NEG CENTRAL___STATE_STREET 24147	18.57 0.31 -0.02	16.95 0.20 -0.09	16.17 0.18 -0.05	15.67 0.19 -0.02	16.11 0.21 -0.01	17.18 0.25 0.00	19.71 0.41 0.00	20.64 0.28 -0.10	21.16 0.31 -0.17	22.02 0.26 -0.10	21.30 0.23 -0.25	21.44 0.21 -0.25	22.45 0.20 -0.16	23.35 0.19 0.00	24.58 0.29 0.00	25.92 0.36 0.00	29.18 0.46 0.00	32.63 0.51 0.00	30.01 0.41 -0.13	29.38 0.43 -0.06	27.53 0.46 0.00	24.10 0.38 0.00	21.81 0.34 0.00	19.89 0.37 0.00
NEG MILLWOOD___DRP 24198	19.60 1.19 -0.17	18.38 1.05 -0.66	17.32 0.99 -0.39	16.57 0.94 -0.17	16.97 0.97 -0.11	17.96 1.03 0.00	20.46 1.16 0.00	22.41 1.34 -0.82	23.47 1.43 -1.37	23.98 1.52 -0.80	24.35 1.50 -2.03	24.50 1.51 -2.02	24.94 1.59 -1.25	25.06 1.90 0.00	26.26 1.97 0.00	27.64 2.07 0.00	31.08 2.36 0.00	34.78 2.67 0.00	32.78 2.30 -1.01	31.54 2.17 -0.49	29.05 1.98 0.00	25.33 1.61 0.00	22.93 1.46 0.00	20.71 1.19 0.00
NEG NORTH_FLCN_SEA 23793	18.10 -0.15 0.00	16.68 0.02 0.00	15.94 0.00 0.00	15.49 0.03 0.00	15.97 0.08 0.00	17.08 0.15 0.00	19.46 0.15 0.00	20.58 0.32 0.00	21.03 0.35 0.00	22.08 0.41 0.00	21.21 0.40 0.00	21.35 0.38 0.00	22.51 0.42 0.00	23.65 0.49 0.00	24.87 0.58 0.00	26.18 0.61 0.00	29.41 0.69 0.00	32.89 0.77 0.00	30.41 0.94 0.00	29.81 0.92 0.00	27.94 0.87 0.00	24.39 0.66 0.00	21.94 0.47 0.00	19.80 0.27 0.00
NEG NORTH_KES_CHATEGAY 23792	17.93 -0.31 0.00	16.53 -0.13 0.00	15.80 -0.14 0.00	15.34 -0.12 0.00	15.83 -0.06 0.00	16.91 -0.02 0.00	19.24 -0.06 0.00	20.38 0.12 0.00	20.80 0.12 0.00	21.84 0.17 0.00	20.98 0.17 0.00	21.12 0.15 0.00	22.27 0.18 0.00	23.37 0.21 0.00	24.56 0.27 0.00	25.87 0.31 0.00	29.07 0.34 0.00	32.47 0.35 0.00	30.06 0.59 0.00	29.46 0.58 0.00	27.62 0.54 0.00	24.12 0.40 0.00	21.70 0.24 0.00	19.58 0.06 0.00

NEG NORTH___ALICE_FALLS 23915	18.10 -0.15 0.00	16.68 0.02 0.00	15.96 0.02 0.00	15.49 0.03 0.00	15.97 0.08 0.00	17.08 0.15 0.00	19.46 0.15 0.00	20.58 0.32 0.00	21.03 0.35 0.00	22.08 0.41 0.00	21.19 0.37 0.00	21.35 0.38 0.00	22.51 0.42 0.00	23.62 0.46 0.00	24.85 0.56 0.00	26.18 0.61 0.00	29.41 0.69 0.00	32.89 0.77 0.00	30.47 1.00 0.00	29.84 0.95 0.00	27.99 0.92 0.00	24.39 0.66 0.00	21.94 0.47 0.00	19.80 0.27 0.00
NEG NORTH___LWR_SARANAC 23913	18.10 -0.15 0.00	16.68 0.02 0.00	15.96 0.02 0.00	15.49 0.03 0.00	15.97 0.08 0.00	17.08 0.15 0.00	19.46 0.15 0.00	20.58 0.32 0.00	21.03 0.35 0.00	22.08 0.41 0.00	21.19 0.37 0.00	21.35 0.38 0.00	22.51 0.42 0.00	23.62 0.46 0.00	24.85 0.56 0.00	26.18 0.61 0.00	29.41 0.69 0.00	32.89 0.77 0.00	30.47 1.00 0.00	29.84 0.95 0.00	27.99 0.92 0.00	24.39 0.66 0.00	21.94 0.47 0.00	19.80 0.27 0.00
NEG NORTH___PLATTSBURG 23628	18.10 -0.15 0.00	16.68 0.02 0.00	15.96 0.02 0.00	15.49 0.03 0.00	15.97 0.08 0.00	17.08 0.15 0.00	19.46 0.15 0.00	20.58 0.32 0.00	21.02 0.35 0.00	22.07 0.41 0.00	21.19 0.38 0.00	21.35 0.38 0.00	22.51 0.42 0.00	23.65 0.49 0.00	24.85 0.56 0.00	26.16 0.59 0.00	29.44 0.72 0.00	33.05 0.93 0.00	30.47 1.00 0.00	29.83 0.95 0.00	27.99 0.92 0.00	24.38 0.66 0.00	21.94 0.47 0.00	19.80 0.27 0.00
NEG WEST_LEA_LOCKPORT 23791	17.94 -0.33 -0.03	16.17 -0.60 -0.10	15.52 -0.48 -0.06	15.07 -0.42 -0.03	15.43 -0.48 -0.02	16.49 -0.44 0.00	19.01 -0.29 0.00	19.51 -0.87 -0.13	20.26 -0.62 -0.21	21.12 -0.67 -0.12	20.46 -0.67 -0.31	20.57 -0.71 -0.31	21.51 -0.77 -0.19	22.21 -0.95 0.00	23.59 -0.70 0.00	24.88 -0.69 0.00	27.60 -1.12 0.00	30.86 -1.25 0.00	28.47 -1.15 -0.15	27.89 -1.07 -0.08	26.24 -0.84 0.00	23.27 -0.45 0.00	21.36 -0.11 0.00	19.62 0.10 0.00
NEG WEST___LANCASTR 23811	17.54 -0.73 -0.03	15.70 -1.08 -0.12	15.04 -0.97 -0.07	14.86 -0.63 -0.03	15.45 -0.46 -0.02	16.54 -0.39 0.00	19.13 -0.17 0.00	19.70 -0.71 -0.15	20.43 -0.50 -0.25	21.29 -0.52 -0.15	20.71 -0.48 -0.37	20.81 -0.52 -0.37	21.77 -0.55 -0.23	22.47 -0.69 0.00	23.88 -0.41 0.00	25.21 -0.36 0.00	27.98 -0.75 0.00	31.25 -0.87 0.00	28.80 -0.85 -0.18	28.16 -0.81 -0.09	26.40 -0.68 0.00	23.44 -0.28 0.00	21.45 -0.02 0.00	19.72 0.20 0.00
NEG_PENN_ALLEGHNY 23528	18.53 0.24 -0.05	16.96 0.08 -0.21	16.16 0.10 -0.12	15.65 0.14 -0.05	16.08 0.16 -0.03	17.15 0.22 0.00	19.67 0.37 0.00	20.83 0.28 -0.29	21.48 0.33 -0.48	22.23 0.28 -0.28	21.82 0.29 -0.71	21.95 0.27 -0.71	22.82 0.29 -0.44	23.48 0.32 0.00	24.66 0.36 0.00	26.03 0.46 0.00	29.18 0.46 0.00	32.60 0.48 0.00	30.30 0.47 -0.36	29.49 0.43 -0.17	27.48 0.41 0.00	24.12 0.40 0.00	21.87 0.41 0.00	19.93 0.41 0.00
NEG___GEN_MONROE 24207	18.25 -0.02 -0.02	16.55 -0.20 -0.08	15.83 -0.16 -0.05	15.33 -0.15 -0.02	15.67 -0.24 -0.01	16.76 -0.17 0.00	19.34 0.04 0.00	20.03 -0.32 -0.10	20.67 -0.17 -0.16	21.57 -0.19 -0.10	20.79 -0.27 -0.24	20.94 -0.27 -0.24	21.94 -0.31 -0.15	22.72 -0.44 0.00	24.05 -0.24 0.00	25.39 -0.18 0.00	28.23 -0.49 0.00	31.60 -0.51 0.00	29.12 -0.47 -0.12	28.57 -0.38 -0.06	26.86 -0.22 0.00	23.72 0.00 0.00	21.57 0.11 0.00	19.82 0.29 0.00
NEPA___ENERGY 23901	18.05 -0.22 -0.03	16.25 -0.53 -0.12	15.56 -0.45 -0.07	15.20 -0.29 -0.03	15.67 -0.24 -0.02	16.79 -0.14 0.00	19.44 0.14 0.00	20.15 -0.26 -0.15	20.89 -0.04 -0.25	21.79 -0.02 -0.15	21.19 0.00 -0.38	21.33 -0.02 -0.37	22.31 -0.02 -0.23	23.02 -0.14 0.00	24.46 0.17 0.00	25.82 0.26 0.00	28.64 -0.09 0.00	31.89 -0.22 0.00	29.36 -0.29 -0.19	28.71 -0.26 -0.09	26.89 -0.19 0.00	23.89 0.17 0.00	21.83 0.36 0.00	19.99 0.47 0.00
NEVERSINK___HYD 23608	19.10 0.71 -0.15	17.87 0.62 -0.59	16.84 0.56 -0.34	16.14 0.53 -0.15	16.54 0.56 -0.10	17.52 0.59 0.00	20.00 0.69 0.00	21.84 0.83 -0.76	22.80 0.87 -1.26	23.29 0.89 -0.74	23.58 0.89 -1.87	23.73 0.90 -1.86	24.20 0.95 -1.16	24.25 1.09 0.00	25.46 1.17 0.00	26.87 1.30 0.00	30.27 1.55 0.00	33.85 1.73 0.00	31.91 1.50 -0.93	30.72 1.39 -0.45	28.32 1.25 0.00	24.76 1.04 0.00	22.39 0.92 0.00	20.21 0.68 0.00
NEWKRMKL_115KV_TB1 55635	19.09 0.64 -0.21	18.00 0.52 -0.82	16.98 0.56 -0.48	16.21 0.54 -0.21	16.58 0.56 -0.13	17.47 0.54 0.00	19.85 0.58 0.03	19.94 0.65 0.97	21.99 0.76 -0.55	20.95 0.82 1.54	22.69 0.77 -1.10	22.78 0.78 -1.03	22.39 0.84 0.55	22.04 0.93 2.05	23.23 0.92 1.99	25.19 0.92 1.30	27.19 1.06 2.59	30.50 1.22 2.83	29.45 1.09 1.11	31.08 1.07 -1.13	28.05 0.97 0.00	24.53 0.81 0.00	22.15 0.69 0.00	20.13 0.61 0.00
NEWTON___FALLS_HYD 23847	18.39 0.15 0.00	16.87 0.18 -0.02	16.11 0.16 -0.01	15.62 0.15 0.00	16.07 0.17 0.00	17.16 0.24 0.00	19.53 0.23 0.00	20.66 0.41 0.00	21.03 0.35 0.00	22.03 0.37 0.00	21.09 0.27 0.00	21.22 0.25 0.00	22.36 0.27 0.00	23.35 0.19 0.00	24.48 0.19 0.00	25.75 0.18 0.00	28.92 0.20 0.00	32.15 0.03 0.00	29.76 0.29 0.00	29.29 0.40 0.00	27.72 0.65 0.00	24.24 0.52 0.00	21.75 0.28 0.00	19.70 0.18 0.00
NGRID_A1_DSASP 323792	17.23 -1.04 -0.03	15.54 -1.23 -0.10	14.90 -1.10 -0.06	14.47 -1.02 -0.03	14.78 -1.13 -0.02	15.79 -1.13 0.00	18.24 -1.06 0.00	18.70 -1.66 -0.10	19.45 -1.41 -0.18	20.29 -1.47 -0.10	19.64 -1.46 -0.28	19.77 -1.49 -0.28	20.65 -1.61 -0.17	21.56 -1.58 0.02	22.62 -1.65 0.02	23.88 -1.66 0.02	26.72 -1.98 0.02	29.78 -2.31 0.02	27.69 -1.92 -0.13	27.00 -1.93 -0.05	25.26 -1.79 0.02	22.35 -1.35 0.02	20.50 -0.94 0.02	18.86 -0.64 0.02
NGRID_A2_DSASP 323793	17.23 -1.04 -0.03	15.54 -1.23 -0.10	14.90 -1.10 -0.06	14.47 -1.02 -0.03	14.78 -1.13 -0.02	15.79 -1.13 0.00	18.24 -1.06 0.00	18.70 -1.66 -0.10	19.45 -1.41 -0.18	20.29 -1.47 -0.10	19.64 -1.46 -0.28	19.77 -1.49 -0.28	20.65 -1.61 -0.17	21.56 -1.58 0.02	22.62 -1.65 0.02	23.88 -1.66 0.02	26.72 -1.98 0.02	29.78 -2.31 0.02	27.69 -1.92 -0.13	27.00 -1.93 -0.05	25.26 -1.79 0.02	22.35 -1.35 0.02	20.50 -0.94 0.02	18.86 -0.64 0.02
NGRID_A4_DSASP 323807	17.23 -1.04 -0.03	15.54 -1.23 -0.10	14.90 -1.10 -0.06	14.47 -1.02 -0.03	14.78 -1.13 -0.02	15.79 -1.13 0.00	18.36 -0.95 0.00	18.72 -1.64 -0.10	19.45 -1.41 -0.18	20.29 -1.47 -0.10	19.64 -1.46 -0.28	19.77 -1.49 -0.28	20.67 -1.59 -0.17	21.36 -1.78 0.02	22.67 -1.60 0.02	23.93 -1.61 0.02	26.57 -2.13 0.02	29.65 -2.44 0.02	27.36 -2.24 -0.13	26.80 -2.14 -0.05	25.18 -1.87 0.02	22.35 -1.35 0.02	20.50 -0.94 0.02	18.86 -0.64 0.02
NIAGARA_115E_LBMP 323715	17.67 -0.60 -0.03	15.94 -0.83 -0.10	15.32 -0.68 -0.06	14.88 -0.60 -0.03	15.23 -0.68 -0.02	16.22 -0.71 0.00	18.65 -0.66 0.00	19.05 -1.34 -0.13	19.81 -1.08 -0.21	20.66 -1.13 -0.12	20.03 -1.10 -0.32	20.13 -1.15 -0.31	21.03 -1.26 -0.19	21.93 -1.23 0.00	23.00 -1.29 0.00	24.26 -1.30 0.00	27.14 -1.58 0.00	30.22 -1.89 0.00	28.15 -1.47 -0.16	27.43 -1.53 -0.08	25.67 -1.41 0.00	22.73 -1.00 0.00	20.91 -0.56 0.00	19.21 -0.31 0.00

NIAGARA_115W_LBMP 323714	17.14 -1.13 -0.03	15.45 -1.32 -0.10	14.82 -1.18 -0.06	14.39 -1.10 -0.03	14.70 -1.21 -0.02	15.72 -1.20 0.00	18.14 -1.16 0.00	18.62 -1.74 -0.10	19.35 -1.51 -0.18	20.18 -1.58 -0.10	19.54 -1.56 -0.28	19.66 -1.59 -0.28	20.56 -1.70 -0.17	21.45 -1.69 0.02	22.52 -1.75 0.02	23.78 -1.76 0.02	26.60 -2.10 0.02	29.62 -2.47 0.02	27.57 -2.03 -0.13	26.88 -2.05 -0.05	25.16 -1.90 0.02	22.23 -1.47 0.02	20.40 -1.05 0.02	18.76 -0.74 0.02
NIAGARA_230_LBMP 323716	17.74 -0.53 -0.03	16.00 -0.77 -0.10	15.35 -0.65 -0.06	14.90 -0.59 -0.03	15.24 -0.67 -0.02	16.28 -0.64 0.00	18.80 -0.50 0.00	19.26 -1.11 -0.12	20.03 -0.85 -0.20	20.87 -0.91 -0.12	20.25 -0.87 -0.30	20.35 -0.92 -0.30	21.27 -1.02 -0.19	22.19 -0.97 0.00	23.27 -1.02 0.00	24.54 -1.02 0.00	27.46 -1.26 0.00	30.57 -1.54 0.00	28.44 -1.18 -0.15	27.74 -1.21 -0.07	25.94 -1.14 0.00	22.96 -0.76 0.00	21.12 -0.34 0.00	19.41 -0.12 0.00
NIAGARA__115KV_198_GIBSON 55903	17.14 -1.13 -0.03	15.45 -1.32 -0.10	14.82 -1.18 -0.06	14.39 -1.10 -0.03	14.70 -1.21 -0.02	15.72 -1.20 0.00	18.28 -1.02 0.00	18.62 -1.74 -0.10	19.35 -1.51 -0.18	20.18 -1.58 -0.10	19.54 -1.56 -0.28	19.66 -1.59 -0.28	20.58 -1.68 -0.17	21.24 -1.90 0.02	22.57 -1.70 0.02	23.81 -1.74 0.02	26.43 -2.27 0.02	29.52 -2.57 0.02	27.21 -2.39 -0.13	26.68 -2.25 -0.05	25.08 -1.98 0.02	22.23 -1.47 0.02	20.40 -1.05 0.02	18.76 -0.74 0.02
NIAGARA____ 23760	17.34 -0.93 -0.03	15.63 -1.13 -0.10	14.98 -1.02 -0.06	14.54 -0.94 -0.03	14.86 -1.05 -0.02	15.91 -1.02 0.00	18.38 -0.93 0.00	19.00 -1.38 -0.12	19.76 -1.12 -0.20	20.61 -1.17 -0.12	19.97 -1.14 -0.30	20.10 -1.17 -0.30	21.00 -1.28 -0.18	21.90 -1.25 0.01	23.00 -1.29 0.01	24.28 -1.28 0.01	27.16 -1.55 0.01	30.25 -1.86 0.01	28.15 -1.47 -0.15	27.45 -1.50 -0.07	25.66 -1.41 0.01	22.70 -1.02 0.01	20.79 -0.67 0.01	19.01 -0.51 0.01
NINE_MILE_1 23575	17.87 -0.38 -0.01	16.31 -0.40 -0.04	15.58 -0.38 -0.03	15.10 -0.37 -0.01	15.52 -0.38 -0.01	16.54 -0.39 0.00	18.90 -0.41 0.00	19.73 -0.53 0.00	20.12 -0.56 0.00	21.06 -0.61 0.00	20.23 -0.58 0.00	20.39 -0.59 0.00	21.45 -0.64 0.00	22.47 -0.69 0.00	23.56 -0.73 0.00	24.80 -0.77 0.00	27.86 -0.86 0.00	31.15 -0.96 0.00	28.61 -0.86 0.00	28.04 -0.84 0.00	26.29 -0.79 0.00	23.06 -0.66 0.00	20.89 -0.58 0.00	19.09 -0.43 0.00
NINE_MILE_2 23744	17.87 -0.38 -0.01	16.31 -0.40 -0.04	15.58 -0.38 -0.02	15.10 -0.37 -0.01	15.52 -0.38 -0.01	16.54 -0.39 0.00	18.90 -0.41 0.00	19.73 -0.53 0.00	20.12 -0.56 0.00	21.06 -0.61 0.00	20.23 -0.58 0.00	20.39 -0.59 0.00	21.45 -0.64 0.00	22.47 -0.69 0.00	23.56 -0.73 0.00	24.82 -0.74 0.00	27.86 -0.86 0.00	31.15 -0.96 0.00	28.61 -0.86 0.00	28.04 -0.84 0.00	26.29 -0.79 0.00	23.06 -0.66 0.00	20.89 -0.58 0.00	19.09 -0.43 0.00
NM_CAPITAL____DRP 24208	19.14 0.69 -0.21	18.05 0.57 -0.82	17.01 0.59 -0.48	16.26 0.59 -0.21	16.63 0.60 -0.13	17.52 0.59 0.00	19.90 0.64 0.04	19.19 0.69 1.75	18.62 0.66 2.71	17.00 0.74 5.40	18.08 0.69 3.43	18.12 0.69 3.54	18.19 0.73 4.64	19.79 0.83 4.20	21.02 0.80 4.07	23.69 0.79 2.67	24.29 0.89 5.32	27.33 1.03 5.81	25.23 0.88 5.13	30.72 0.87 -0.98	27.89 0.81 0.00	24.41 0.69 0.00	22.07 0.60 0.00	20.07 0.55 0.00
NM_CENTRAL____DRP 24181	18.20 -0.05 -0.02	16.61 -0.12 -0.06	15.86 -0.11 -0.04	15.37 -0.11 -0.02	15.79 -0.11 -0.01	16.84 -0.08 0.00	19.28 -0.02 0.00	20.20 -0.12 -0.07	20.66 -0.12 -0.11	21.55 -0.17 -0.06	20.81 -0.17 -0.16	20.97 -0.17 -0.16	22.02 -0.18 -0.10	22.91 -0.25 0.00	24.07 -0.22 0.00	25.39 -0.18 0.00	28.52 -0.20 0.00	31.86 -0.26 0.00	29.29 -0.27 -0.08	28.69 -0.23 -0.04	26.86 -0.22 0.00	23.56 -0.17 0.00	21.32 -0.15 0.00	19.48 -0.04 0.00
NM_FRONTIER____DRP 24179	17.14 -1.13 -0.03	15.45 -1.32 -0.10	14.82 -1.18 -0.06	14.39 -1.10 -0.03	14.70 -1.21 -0.02	15.72 -1.20 0.00	18.28 -1.02 0.00	18.62 -1.74 -0.10	19.35 -1.51 -0.18	20.18 -1.58 -0.10	19.54 -1.56 -0.28	19.66 -1.59 -0.28	20.58 -1.68 -0.17	21.24 -1.90 0.02	22.57 -1.70 0.02	23.81 -1.74 0.02	26.43 -2.27 0.02	29.52 -2.57 0.02	27.21 -2.39 -0.13	26.68 -2.25 -0.05	25.08 -1.98 0.02	22.23 -1.47 0.02	20.40 -1.05 0.02	18.76 -0.74 0.02
NM_ST_REGIS____HYD 24053	18.12 -0.13 0.00	16.66 0.00 0.00	15.92 -0.02 0.00	15.46 0.00 0.00	15.91 0.02 0.00	16.98 0.05 0.00	19.30 0.00 0.00	20.52 0.26 0.00	20.90 0.23 0.00	21.92 0.26 0.00	21.03 0.21 0.00	21.16 0.19 0.00	22.29 0.20 0.00	23.32 0.16 0.00	24.48 0.19 0.00	25.75 0.18 0.00	28.87 0.14 0.00	31.92 -0.19 0.00	29.59 0.12 0.00	29.03 0.14 0.00	27.53 0.46 0.00	24.10 0.38 0.00	21.64 0.17 0.00	19.54 0.02 0.00
NORTHPORT____1 23551	29.57 1.37 -9.96	29.50 1.22 -11.62	20.55 1.15 -3.46	20.07 1.11 -3.49	21.12 1.14 -4.08	20.19 1.22 -2.05	29.52 1.43 -8.79	29.99 1.58 -8.16	30.03 1.74 -7.62	30.55 1.82 -7.07	30.54 1.60 -8.12	28.34 1.57 -5.79	28.25 1.52 -4.63	34.56 1.67 -9.73	34.48 1.77 -8.42	41.44 1.87 -14.01	45.30 2.01 -14.57	50.57 2.21 -16.24	52.32 1.83 -21.03	39.72 1.67 -9.17	37.58 1.62 -8.88	32.36 1.38 -7.26	27.60 1.48 -4.65	26.77 1.31 -5.94
NORTHPORT____2 23552	29.57 1.37 -9.96	29.50 1.22 -11.62	20.55 1.15 -3.46	20.07 1.11 -3.49	21.12 1.14 -4.08	20.19 1.22 -2.05	29.52 1.43 -8.79	29.99 1.58 -8.16	30.03 1.74 -7.62	30.55 1.82 -7.07	30.54 1.60 -8.12	28.34 1.57 -5.79	28.25 1.52 -4.63	34.56 1.67 -9.73	34.48 1.77 -8.42	41.44 1.87 -14.01	45.30 2.01 -14.57	50.57 2.21 -16.24	52.32 1.83 -21.03	39.72 1.67 -9.17	37.58 1.62 -8.88	32.36 1.38 -7.26	27.60 1.48 -4.65	26.77 1.31 -5.94
NORTHPORT____3 23553	29.46 1.26 -9.96	29.42 1.13 -11.62	20.47 1.07 -3.46	20.01 1.05 -3.49	21.06 1.08 -4.08	20.11 1.13 -2.05	29.42 1.33 -8.79	29.89 1.48 -8.16	29.86 1.57 -7.62	30.40 1.67 -7.07	30.35 1.42 -8.12	28.23 1.47 -5.79	28.23 1.50 -4.63	34.58 1.69 -9.73	34.53 1.82 -8.42	41.49 1.92 -14.01	45.38 2.10 -14.57	50.67 2.31 -16.24	52.41 1.91 -21.03	39.81 1.76 -9.17	37.58 1.62 -8.88	32.36 1.38 -7.26	27.49 1.38 -4.65	26.53 1.07 -5.94
NORTHPORT____4 23650	29.46 1.26 -9.96	29.42 1.13 -11.62	20.47 1.07 -3.46	20.01 1.05 -3.49	21.06 1.08 -4.08	20.11 1.13 -2.05	29.42 1.33 -8.79	29.89 1.48 -8.16	29.86 1.57 -7.62	30.40 1.67 -7.07	30.35 1.42 -8.12	28.23 1.47 -5.79	28.23 1.50 -4.63	34.58 1.69 -9.73	34.53 1.82 -8.42	41.49 1.92 -14.01	45.38 2.10 -14.57	50.67 2.31 -16.24	52.41 1.91 -21.03	39.81 1.76 -9.17	37.58 1.62 -8.88	32.36 1.38 -7.26	27.49 1.38 -4.65	26.53 1.07 -5.94
NORTHPORT____IC 23718	29.57 1.37 -9.96	29.50 1.22 -11.62	20.55 1.15 -3.46	20.07 1.11 -3.49	21.12 1.14 -4.08	20.19 1.22 -2.05	29.52 1.43 -8.79	29.99 1.58 -8.16	30.03 1.74 -7.62	30.55 1.82 -7.07	30.54 1.60 -8.12	28.34 1.57 -5.79	28.25 1.52 -4.63	34.56 1.67 -9.73	34.48 1.77 -8.42	41.44 1.87 -14.01	45.30 2.01 -14.57	50.57 2.21 -16.24	52.32 1.83 -21.03	39.72 1.67 -9.17	37.58 1.62 -8.88	32.36 1.38 -7.26	27.60 1.48 -4.65	26.77 1.31 -5.94

NORTH__COUNTRY_ESR 323785	17.88 -0.36 0.00	16.48 -0.18 0.00	15.77 -0.17 0.00	15.31 -0.15 0.00	15.78 -0.11 0.00	16.86 -0.07 0.00	19.21 -0.10 0.00	20.32 0.06 0.00	20.76 0.08 0.00	21.79 0.13 0.00	20.94 0.13 0.00	21.08 0.11 0.00	22.23 0.13 0.00	23.35 0.18 0.00	24.53 0.24 0.00	25.80 0.23 0.00	29.01 0.29 0.00	32.53 0.42 0.00	29.97 0.50 0.00	29.34 0.46 0.00	27.56 0.49 0.00	24.05 0.33 0.00	21.66 0.19 0.00	19.54 0.02 0.00
NPX_GEN_1385_PROXY 323591	29.61 1.40 -9.96	29.54 1.25 -11.62	20.58 1.18 -3.46	20.10 1.14 -3.49	21.15 1.18 -4.08	20.23 1.25 -2.05	29.56 1.47 -8.79	30.03 1.62 -8.16	30.07 1.78 -7.62	30.59 1.86 -7.07	30.58 1.64 -8.12	28.38 1.62 -5.79	28.30 1.57 -4.63	34.60 1.71 -9.73	34.53 1.82 -8.42	41.49 1.92 -14.01	45.33 2.04 -14.57	50.60 2.25 -16.24	52.38 1.89 -21.03	39.78 1.73 -9.17	37.64 1.68 -8.88	32.41 1.42 -7.26	27.64 1.52 -4.65	26.81 1.35 -5.94
NPX_GEN_CSC 323557	29.39 1.19 -9.96	29.32 1.03 -11.62	20.39 0.99 -3.46	19.90 0.94 -3.49	20.94 0.97 -4.08	19.99 1.02 -2.05	29.29 1.20 -8.79	29.81 1.40 -8.16	29.84 1.55 -7.62	30.38 1.65 -7.07	30.48 1.54 -8.12	28.31 1.55 -5.79	28.34 1.61 -4.63	34.74 1.85 -9.73	34.65 1.94 -8.42	41.70 2.12 -14.01	45.64 2.36 -14.57	50.96 2.60 -16.24	52.73 2.24 -21.03	40.10 2.05 -9.17	37.91 1.95 -8.88	32.57 1.59 -7.26	27.69 1.57 -4.65	26.77 1.31 -5.94
NSINS_S_GLNS_FALLS 23858	20.26 1.81 -0.21	19.04 1.53 -0.84	17.88 1.45 -0.49	17.10 1.42 -0.21	17.51 1.48 -0.14	18.52 1.59 0.00	21.14 1.81 -0.03	27.09 1.94 -4.89	29.98 1.98 -7.32	30.13 1.99 -6.48	33.25 1.92 -10.52	33.41 1.91 -10.53	31.96 1.92 -7.95	27.14 1.55 -2.42	28.07 1.43 -2.35	28.77 1.66 -1.54	33.71 1.92 -3.07	37.91 2.44 -3.35	39.02 2.33 -7.22	32.64 2.31 -1.45	29.21 2.14 0.00	26.09 2.37 0.00	23.46 2.00 0.00	21.24 1.72 0.00
NUCOR_STEEL__DRP 24197	18.52 0.26 -0.02	16.90 0.15 -0.08	16.12 0.13 -0.05	15.62 0.14 -0.02	16.05 0.14 -0.01	17.11 0.19 0.00	19.63 0.33 0.00	20.54 0.18 -0.10	21.02 0.19 -0.16	21.89 0.13 -0.10	21.16 0.10 -0.24	21.30 0.08 -0.24	22.33 0.09 -0.15	23.21 0.05 0.00	24.44 0.15 0.00	25.77 0.20 0.00	28.98 0.26 0.00	32.40 0.29 0.00	29.83 0.24 -0.12	29.20 0.26 -0.06	27.37 0.30 0.00	23.96 0.24 0.00	21.70 0.24 0.00	19.80 0.27 0.00
NUMBER_THREE_WT_PWR 323818	18.63 0.38 -0.01	17.02 0.33 -0.03	16.26 0.30 -0.01	15.76 0.29 -0.01	16.20 0.30 0.00	17.33 0.41 0.00	19.78 0.48 0.00	20.82 0.57 0.00	21.17 0.50 0.00	22.14 0.48 0.00	21.21 0.39 0.00	21.35 0.38 0.00	22.47 0.38 0.00	23.46 0.30 0.00	24.58 0.29 0.00	25.85 0.28 0.00	29.12 0.40 0.00	32.66 0.55 0.00	30.18 0.71 0.00	29.72 0.84 0.00	27.99 0.92 0.00	24.43 0.71 0.00	21.90 0.43 0.00	19.89 0.37 0.00
NYISO_LBMP_REFERENCE 24008	18.24 0.00 0.00	16.66 0.00 0.00	15.94 0.00 0.00	15.46 0.00 0.00	15.89 0.00 0.00	16.93 0.00 0.00	19.30 0.00 0.00	20.26 0.00 0.00	20.67 0.00 0.00	21.66 0.00 0.00	20.82 0.00 0.00	20.97 0.00 0.00	22.09 0.00 0.00	23.16 0.00 0.00	24.29 0.00 0.00	25.57 0.00 0.00	28.72 0.00 0.00	32.11 0.00 0.00	29.47 0.00 0.00	28.88 0.00 0.00	27.07 0.00 0.00	23.72 0.00 0.00	21.47 0.00 0.00	19.52 0.00 0.00
NYPA_BRENTWD__GT 24164	29.75 1.55 -9.96	29.65 1.37 -11.62	20.69 1.29 -3.46	20.21 1.25 -3.49	21.28 1.30 -4.08	20.35 1.37 -2.05	29.71 1.62 -8.79	30.21 1.80 -8.16	30.26 1.97 -7.62	30.81 2.08 -7.07	30.85 1.91 -8.12	28.67 1.91 -5.79	28.69 1.97 -4.63	35.06 2.18 -9.73	34.99 2.28 -8.42	42.00 2.43 -14.01	45.67 2.38 -14.57	50.99 2.63 -16.24	52.73 2.24 -21.03	40.13 2.08 -9.17	38.20 2.25 -8.88	32.88 1.90 -7.26	28.01 1.89 -4.65	27.06 1.60 -5.94
NYPA_GOWANUS__GT5 24156	19.73 1.31 -0.17	18.45 1.13 -0.66	17.36 1.04 -0.38	16.65 1.02 -0.17	17.03 1.03 -0.11	17.94 1.02 0.00	20.48 1.18 0.00	22.48 1.42 -0.81	23.53 1.51 -1.35	24.10 1.65 -0.79	24.48 1.67 -2.00	24.70 1.74 -1.99	25.21 1.88 -1.23	25.23 2.06 -0.01	26.45 2.16 0.00	27.89 2.33 0.00	31.37 2.64 -0.01	35.04 2.92 -0.01	32.92 2.44 -1.01	31.59 2.22 -0.48	29.08 2.00 0.00	25.43 1.71 0.00	23.21 1.74 -0.01	20.83 1.31 0.00
NYPA_GOWANUS__GT6 24157	19.73 1.31 -0.17	18.45 1.13 -0.66	17.36 1.04 -0.38	16.65 1.02 -0.17	17.03 1.03 -0.11	17.94 1.02 0.00	20.48 1.18 0.00	22.48 1.42 -0.81	23.53 1.51 -1.35	24.10 1.65 -0.79	24.48 1.67 -2.00	24.70 1.74 -1.99	25.21 1.88 -1.23	25.23 2.06 -0.01	26.45 2.16 0.00	27.89 2.33 0.00	31.37 2.64 -0.01	35.04 2.92 -0.01	32.92 2.44 -1.01	31.59 2.22 -0.48	29.08 2.00 0.00	25.43 1.71 0.00	23.21 1.74 -0.01	20.83 1.31 0.00
NYPA_HARLEM_RVR_GT1 24160	19.75 1.33 -0.17	18.48 1.15 -0.66	17.40 1.07 -0.39	16.70 1.07 -0.17	17.09 1.08 -0.12	17.98 1.05 0.00	20.46 1.16 0.00	22.44 1.38 -0.81	23.43 1.41 -1.35	23.99 1.54 -0.79	24.40 1.58 -2.00	24.62 1.66 -1.99	25.16 1.83 -1.23	25.16 1.99 -0.01	26.31 2.01 0.00	27.71 2.15 0.00	31.09 2.36 -0.01	34.69 2.57 -0.01	32.63 2.15 -1.01	31.42 2.05 -0.48	28.89 1.81 0.00	25.34 1.61 0.00	23.15 1.68 -0.01	20.79 1.27 0.00
NYPA_HARLEM_RVR_GT2 24161	19.75 1.33 -0.17	18.48 1.15 -0.66	17.40 1.07 -0.39	16.70 1.07 -0.17	17.09 1.08 -0.12	17.98 1.05 0.00	20.46 1.16 0.00	22.44 1.38 -0.81	23.43 1.41 -1.35	23.99 1.54 -0.79	24.40 1.58 -2.00	24.62 1.66 -1.99	25.16 1.83 -1.23	25.16 1.99 -0.01	26.31 2.01 0.00	27.71 2.15 0.00	31.09 2.36 -0.01	34.69 2.57 -0.01	32.63 2.15 -1.01	31.42 2.05 -0.48	28.89 1.81 0.00	25.34 1.61 0.00	23.15 1.68 -0.01	20.79 1.27 0.00
NYPA_KENT__GT 24152	19.69 1.28 -0.17	18.42 1.10 -0.66	17.34 1.02 -0.38	16.63 1.00 -0.17	17.02 1.02 -0.11	17.94 1.02 0.00	20.48 1.18 0.00	22.48 1.42 -0.81	23.53 1.51 -1.35	24.08 1.63 -0.79	24.46 1.64 -2.00	24.68 1.72 -1.99	25.19 1.86 -1.23	25.21 2.04 -0.01	26.43 2.14 0.00	27.84 2.27 0.00	31.28 2.56 -0.01	34.95 2.83 -0.01	32.83 2.36 -1.01	31.53 2.17 -0.48	29.02 1.95 0.00	25.41 1.68 0.00	23.17 1.70 -0.01	20.79 1.27 0.00
NYPA_POUCH1__GT 24155	19.69 1.28 -0.17	18.44 1.12 -0.66	17.34 1.02 -0.38	16.62 0.99 -0.17	17.02 1.02 -0.11	17.89 0.96 0.00	20.42 1.12 0.00	22.43 1.36 -0.81	23.47 1.45 -1.35	24.04 1.58 -0.79	24.42 1.60 -2.00	24.64 1.68 -1.99	25.17 1.83 -1.24	25.16 1.99 -0.01	26.40 2.11 0.00	27.84 2.27 0.00	31.87 2.59 -0.56	36.28 2.86 -1.31	34.14 2.39 -2.28	32.68 2.17 -1.63	30.04 1.95 -1.02	25.41 1.68 0.00	23.19 1.72 -0.01	20.81 1.29 0.00
NYPA_VERNON__GT2 24162	19.66 1.24 -0.17	18.39 1.07 -0.66	17.31 0.99 -0.38	16.60 0.97 -0.17	17.00 1.00 -0.11	17.94 1.02 0.00	20.50 1.20 0.00	22.48 1.42 -0.81	23.53 1.51 -1.35	24.08 1.63 -0.79	24.46 1.64 -2.00	24.66 1.70 -1.99	25.16 1.83 -1.23	25.18 2.01 -0.01	26.40 2.11 0.00	27.82 2.25 0.00	31.23 2.50 -0.01	34.85 2.73 -0.01	32.74 2.27 -1.01	31.45 2.08 -0.48	28.97 1.89 0.00	25.36 1.64 0.00	23.11 1.63 -0.01	20.75 1.23 0.00

NYPA_VERNON____GT3 24163	19.66 1.24 -0.17	18.39 1.07 -0.66	17.31 0.99 -0.38	16.60 0.97 -0.17	17.00 1.00 -0.11	17.94 1.02 0.00	20.50 1.20 0.00	22.48 1.42 -0.81	23.53 1.51 -1.35	24.08 1.63 -0.79	24.46 1.64 -2.00	24.66 1.70 -1.99	25.16 1.83 -1.23	25.18 2.01 -0.01	26.40 2.11 0.00	27.82 2.25 0.00	31.23 2.50 -0.01	34.85 2.73 -0.01	32.74 2.27 -1.01	31.45 2.08 -0.48	28.97 1.89 0.00	25.36 1.64 0.00	23.11 1.63 -0.01	20.75 1.23 0.00
NYPA____ASTORIA_CC1 323568	19.66 1.24 -0.17	18.39 1.07 -0.66	17.31 0.99 -0.38	16.62 0.99 -0.17	17.00 1.00 -0.11	17.94 1.02 0.00	20.48 1.18 0.00	22.48 1.42 -0.81	23.51 1.49 -1.35	24.05 1.60 -0.79	24.44 1.62 -2.00	24.66 1.70 -1.99	25.16 1.83 -1.23	25.18 2.01 -0.01	26.38 2.09 0.00	27.79 2.22 0.00	31.20 2.47 -0.01	34.82 2.70 -0.01	32.71 2.24 -1.01	31.45 2.08 -0.48	28.94 1.87 0.00	25.34 1.61 0.00	23.11 1.63 -0.01	20.75 1.23 0.00
NYPA____ASTORIA_CC2 323569	19.66 1.24 -0.17	18.39 1.07 -0.66	17.31 0.99 -0.38	16.62 0.99 -0.17	17.00 1.00 -0.11	17.94 1.02 0.00	20.48 1.18 0.00	22.48 1.42 -0.81	23.51 1.49 -1.35	24.05 1.60 -0.79	24.44 1.62 -2.00	24.66 1.70 -1.99	25.16 1.83 -1.23	25.18 2.01 -0.01	26.38 2.09 0.00	27.79 2.22 0.00	31.20 2.47 -0.01	34.82 2.70 -0.01	32.71 2.24 -1.01	31.45 2.08 -0.48	28.94 1.87 0.00	25.34 1.61 0.00	23.11 1.63 -0.01	20.75 1.23 0.00
NYPA____HOLTSVILL 23794	29.57 1.37 -9.96	29.49 1.20 -11.62	20.53 1.13 -3.46	20.05 1.10 -3.49	21.10 1.13 -4.08	20.18 1.20 -2.05	29.50 1.41 -8.79	30.01 1.60 -8.16	30.05 1.76 -7.62	30.59 1.86 -7.07	30.66 1.73 -8.12	28.48 1.72 -5.79	28.50 1.77 -4.63	34.88 1.99 -9.73	34.80 2.09 -8.42	41.82 2.25 -14.01	45.70 2.41 -14.57	51.02 2.66 -16.24	52.80 2.30 -21.03	40.16 2.11 -9.17	38.02 2.06 -8.88	32.69 1.71 -7.26	27.84 1.72 -4.65	26.93 1.46 -5.94
NYPA____HELLGATE_GT1 24158	19.75 1.33 -0.17	18.48 1.15 -0.66	17.40 1.07 -0.39	16.70 1.07 -0.17	17.09 1.08 -0.12	17.98 1.05 0.00	20.46 1.16 0.00	22.44 1.38 -0.81	23.43 1.41 -1.35	23.99 1.54 -0.79	24.40 1.58 -2.00	24.62 1.66 -1.99	25.16 1.83 -1.23	25.16 1.99 -0.01	26.31 2.01 0.00	27.71 2.15 0.00	31.09 2.36 -0.01	34.69 2.57 -0.01	32.63 2.15 -1.01	31.42 2.05 -0.48	28.89 1.81 0.00	25.34 1.61 0.00	23.15 1.68 -0.01	20.79 1.27 0.00
NYPA____HELLGATE_GT2 24159	19.75 1.33 -0.17	18.48 1.15 -0.66	17.40 1.07 -0.39	16.70 1.07 -0.17	17.09 1.08 -0.12	17.98 1.05 0.00	20.46 1.16 0.00	22.44 1.38 -0.81	23.43 1.41 -1.35	23.99 1.54 -0.79	24.40 1.58 -2.00	24.62 1.66 -1.99	25.16 1.83 -1.23	25.16 1.99 -0.01	26.31 2.01 0.00	27.71 2.15 0.00	31.09 2.36 -0.01	34.69 2.57 -0.01	32.63 2.15 -1.01	31.42 2.05 -0.48	28.89 1.81 0.00	25.34 1.61 0.00	23.15 1.68 -0.01	20.79 1.27 0.00
NYS_BARGE____HYD 23848	17.96 -0.31 -0.03	16.18 -0.58 -0.10	15.54 -0.46 -0.06	15.10 -0.39 -0.03	15.46 -0.44 -0.02	16.50 -0.42 0.00	19.03 -0.27 0.00	19.51 -0.87 -0.12	20.26 -0.65 -0.21	21.14 -0.65 -0.12	20.46 -0.67 -0.31	20.56 -0.71 -0.30	21.51 -0.77 -0.19	22.45 -0.72 0.00	23.57 -0.73 0.00	24.85 -0.72 0.00	27.83 -0.89 0.00	30.99 -1.12 0.00	28.86 -1.09 -0.15	28.15 -0.77 -0.08	26.32 -0.76 0.00	23.30 -0.43 0.00	21.38 -0.09 0.00	19.62 0.10 0.00
OAK ORCHARD____HYD 24046	18.28 0.02 -0.02	16.58 -0.17 -0.08	15.86 -0.13 -0.05	15.34 -0.14 -0.02	15.70 -0.21 -0.01	16.77 -0.15 0.00	19.32 0.02 0.00	20.05 -0.30 -0.10	20.69 -0.14 -0.16	21.61 -0.15 -0.10	20.87 -0.19 -0.24	21.00 -0.21 -0.24	22.00 -0.24 -0.15	22.95 -0.21 0.00	24.07 -0.22 0.00	25.44 -0.13 0.00	28.52 -0.20 0.00	31.82 -0.29 0.00	29.50 -0.09 -0.12	28.83 -0.12 -0.06	26.99 -0.08 0.00	23.77 0.05 0.00	21.62 0.15 0.00	19.78 0.25 0.00
OAKDALE____35_KV_LOAD 356122	18.42 0.13 -0.05	16.89 0.02 -0.21	16.08 0.02 -0.12	15.58 0.06 -0.05	16.00 0.08 -0.03	17.04 0.12 0.00	19.55 0.25 0.00	20.69 0.14 -0.29	21.34 0.19 -0.49	22.10 0.15 -0.28	21.70 0.17 -0.72	21.84 0.15 -0.72	22.69 0.15 -0.44	23.30 0.14 0.00	24.56 0.27 0.00	25.90 0.33 0.00	29.07 0.34 0.00	32.47 0.35 0.00	30.12 0.29 -0.36	29.34 0.29 -0.17	27.34 0.27 0.00	24.03 0.31 0.00	21.79 0.32 0.00	19.85 0.33 0.00
OCC_CHEM____DRP 24175	17.23 -1.04 -0.03	15.54 -1.23 -0.10	14.90 -1.10 -0.06	14.47 -1.02 -0.03	14.78 -1.13 -0.02	15.79 -1.13 0.00	18.36 -0.95 0.00	18.72 -1.64 -0.10	19.45 -1.41 -0.18	20.29 -1.47 -0.10	19.64 -1.46 -0.28	19.77 -1.49 -0.28	20.67 -1.59 -0.17	21.36 -1.78 0.02	22.67 -1.60 0.02	23.93 -1.61 0.02	26.57 -2.13 0.02	29.65 -2.44 0.02	27.36 -2.24 -0.13	26.80 -2.14 -0.05	25.18 -1.87 0.02	22.35 -1.35 0.02	20.50 -0.94 0.02	18.86 -0.64 0.02
OH_GEN_PROXY 24063	17.74 -0.53 -0.03	16.00 -0.77 -0.10	15.35 -0.65 -0.06	14.90 -0.59 -0.03	15.24 -0.67 -0.02	16.28 -0.64 0.00	18.82 -0.48 0.00	19.30 -1.07 -0.12	20.07 -0.81 -0.21	20.92 -0.87 -0.12	20.29 -0.83 -0.31	20.40 -0.88 -0.30	21.31 -0.97 -0.19	22.23 -0.93 0.00	23.32 -0.97 0.00	24.59 -0.97 0.00	27.52 -1.21 0.00	30.64 -1.48 0.00	28.50 -1.12 -0.15	27.80 -1.16 -0.07	26.02 -1.06 0.00	23.01 -0.71 0.00	21.15 -0.32 0.00	19.43 -0.10 0.00
OLIN_CORP_DRP 24177	17.70 -0.57 -0.03	15.95 -0.82 -0.10	15.33 -0.67 -0.06	14.90 -0.59 -0.03	15.24 -0.67 -0.02	16.23 -0.69 0.00	18.65 -0.66 0.00	19.11 -1.28 -0.13	19.87 -1.01 -0.21	20.71 -1.08 -0.13	20.07 -1.06 -0.32	20.18 -1.11 -0.32	21.10 -1.19 -0.20	21.77 -1.39 0.00	23.10 -1.19 0.00	24.37 -1.20 0.00	27.03 -1.69 0.00	30.19 -1.93 0.00	27.86 -1.77 -0.16	27.28 -1.68 -0.08	25.67 -1.41 0.00	22.77 -0.95 0.00	20.95 -0.52 0.00	19.27 -0.25 0.00
OLIN_CORP_DSASP 323712	17.23 -1.04 -0.03	15.54 -1.23 -0.10	14.90 -1.10 -0.06	14.47 -1.02 -0.03	14.78 -1.13 -0.02	15.79 -1.13 0.00	18.24 -1.06 0.00	18.70 -1.66 -0.10	19.45 -1.41 -0.18	20.29 -1.47 -0.10	19.64 -1.46 -0.28	19.77 -1.49 -0.28	20.65 -1.61 -0.17	21.56 -1.58 0.02	22.62 -1.65 0.02	23.88 -1.66 0.02	26.72 -1.98 0.02	29.78 -2.31 0.02	27.69 -1.92 -0.13	27.00 -1.93 -0.05	25.26 -1.79 0.02	22.35 -1.35 0.02	20.50 -0.94 0.02	18.86 -0.64 0.02
ONEIDA_HERK_LFGE 323681	18.59 0.35 -0.01	16.99 0.30 -0.02	16.22 0.27 -0.01	15.73 0.26 -0.01	16.16 0.27 0.00	17.28 0.36 0.00	19.73 0.42 0.00	20.72 0.47 0.00	21.11 0.43 0.00	22.10 0.43 0.00	21.19 0.38 0.00	21.33 0.36 0.00	22.47 0.38 0.00	23.48 0.32 0.00	24.66 0.36 0.00	25.92 0.36 0.00	29.21 0.49 0.00	32.76 0.64 0.00	30.18 0.71 0.00	29.63 0.75 0.00	27.83 0.76 0.00	24.34 0.62 0.00	21.85 0.39 0.00	19.87 0.35 0.00
ONEIDA____115KV_TB4 55905	18.65 0.40 -0.01	17.02 0.32 -0.04	16.25 0.29 -0.02	15.77 0.29 -0.01	16.20 0.30 -0.01	17.30 0.37 0.00	19.76 0.46 0.00	20.74 0.49 0.00	21.13 0.45 0.00	22.12 0.45 0.00	21.21 0.40 0.00	21.33 0.36 0.00	22.49 0.40 0.00	23.49 0.32 0.00	24.73 0.44 0.00	26.00 0.43 0.00	29.38 0.66 0.00	32.92 0.80 0.00	30.29 0.83 0.00	29.75 0.87 0.00	27.89 0.81 0.00	24.39 0.66 0.00	21.92 0.45 0.00	19.95 0.43 0.00

ONONDAGA_REF_OCCRA 23987	18.28 0.02 -0.02	16.67 -0.07 -0.07	15.92 -0.06 -0.04	15.42 -0.06 -0.02	15.84 -0.06 -0.01	16.89 -0.03 0.00	19.34 0.04 0.00	20.30 -0.04 -0.08	20.77 -0.04 -0.14	21.66 -0.09 -0.08	20.92 -0.10 -0.21	21.08 -0.10 -0.21	22.11 -0.11 -0.13	23.00 -0.16 0.00	24.17 -0.12 0.00	25.49 -0.08 0.00	28.66 -0.06 0.00	32.02 -0.10 0.00	29.46 -0.12 -0.11	28.85 -0.09 -0.05	26.99 -0.08 0.00	23.67 -0.05 0.00	21.42 -0.04 0.00	19.56 0.04 0.00
ONONDAGA___COGEN 23986	18.30 0.04 -0.02	16.70 -0.03 -0.07	15.95 -0.03 -0.04	15.45 -0.03 -0.02	15.87 -0.03 -0.01	16.91 -0.02 0.00	19.38 0.08 0.00	20.31 -0.02 -0.08	20.78 -0.02 -0.13	21.65 -0.09 -0.08	20.91 -0.10 -0.19	21.06 -0.10 -0.19	22.10 -0.11 -0.12	23.00 -0.16 0.00	24.19 -0.10 0.00	25.52 -0.05 0.00	28.69 -0.03 0.00	32.02 -0.10 0.00	29.48 -0.09 -0.10	28.84 -0.09 -0.05	27.02 -0.05 0.00	23.67 -0.05 0.00	21.42 -0.04 0.00	19.58 0.06 0.00
ONTARIO___LFGE 23819	18.36 0.09 -0.02	16.68 -0.08 -0.10	15.93 -0.06 -0.06	15.46 -0.03 -0.02	15.88 -0.03 -0.02	16.98 0.05 0.00	19.57 0.27 0.00	20.46 0.08 -0.12	21.04 0.16 -0.20	21.89 0.11 -0.12	21.19 0.08 -0.29	21.31 0.04 -0.29	22.30 0.02 -0.18	23.21 0.05 0.00	24.39 0.10 0.00	25.77 0.20 0.00	28.92 0.20 0.00	32.37 0.26 0.00	29.94 0.32 -0.15	29.24 0.29 -0.07	27.37 0.30 0.00	24.03 0.31 0.00	21.77 0.30 0.00	19.87 0.35 0.00
ORANGEVILLE_WT_PWR 323706	17.91 -0.36 -0.03	16.20 -0.58 -0.12	15.52 -0.49 -0.07	15.12 -0.37 -0.03	15.55 -0.36 -0.02	16.62 -0.30 0.00	19.21 -0.10 0.00	19.87 -0.55 -0.15	20.60 -0.33 -0.26	21.43 -0.39 -0.15	20.80 -0.40 -0.38	20.96 -0.40 -0.38	21.87 -0.47 -0.24	22.75 -0.42 0.00	23.93 -0.36 0.00	25.23 -0.33 0.00	28.21 -0.52 0.00	31.47 -0.64 0.00	29.28 -0.38 -0.19	28.57 -0.40 -0.09	26.72 -0.35 0.00	23.60 -0.12 0.00	21.55 0.09 0.00	19.74 0.22 0.00
ORANGEVILLE___ESR 323794	17.91 -0.36 -0.03	16.20 -0.58 -0.12	15.52 -0.49 -0.07	15.12 -0.37 -0.03	15.55 -0.36 -0.02	16.62 -0.30 0.00	19.21 -0.10 0.00	19.87 -0.55 -0.15	20.60 -0.33 -0.26	21.43 -0.39 -0.15	20.80 -0.40 -0.38	20.96 -0.40 -0.38	21.87 -0.47 -0.24	22.75 -0.42 0.00	23.93 -0.36 0.00	25.23 -0.33 0.00	28.21 -0.52 0.00	31.47 -0.64 0.00	29.28 -0.38 -0.19	28.57 -0.40 -0.09	26.72 -0.35 0.00	23.60 -0.12 0.00	21.55 0.09 0.00	19.74 0.22 0.00
OSWEGATCHIE___HYD 24044	18.39 0.15 0.00	16.87 0.18 -0.02	16.11 0.16 -0.01	15.62 0.15 0.00	16.07 0.18 0.00	17.16 0.24 0.00	19.53 0.23 0.00	20.66 0.40 0.00	21.02 0.35 0.00	22.03 0.37 0.00	21.09 0.27 0.00	21.23 0.25 0.00	22.36 0.27 0.00	23.37 0.21 0.00	24.48 0.19 0.00	25.72 0.15 0.00	28.89 0.17 0.00	32.21 0.10 0.00	29.76 0.29 0.00	29.29 0.40 0.00	27.72 0.65 0.00	24.27 0.55 0.00	21.75 0.28 0.00	19.70 0.18 0.00
OSWEGO___5 23606	17.98 -0.27 -0.01	16.41 -0.30 -0.05	15.70 -0.27 -0.03	15.21 -0.26 -0.01	15.61 -0.29 -0.01	16.64 -0.29 0.00	19.03 -0.27 0.00	19.89 -0.36 0.00	20.28 -0.39 0.00	21.23 -0.43 0.00	20.38 -0.44 0.00	20.53 -0.44 0.00	21.63 -0.47 0.00	22.65 -0.51 0.00	23.76 -0.53 0.00	25.03 -0.54 0.00	28.09 -0.63 0.00	31.41 -0.71 0.00	28.85 -0.62 0.00	28.27 -0.61 0.00	26.53 -0.54 0.00	23.25 -0.47 0.00	21.06 -0.41 0.00	19.25 -0.27 0.00
OSWEGO___6 23613	17.98 -0.27 -0.01	16.41 -0.30 -0.05	15.70 -0.27 -0.03	15.21 -0.26 -0.01	15.61 -0.29 -0.01	16.64 -0.29 0.00	19.03 -0.27 0.00	19.89 -0.36 0.00	20.28 -0.39 0.00	21.23 -0.43 0.00	20.38 -0.44 0.00	20.53 -0.44 0.00	21.63 -0.47 0.00	22.65 -0.51 0.00	23.76 -0.53 0.00	25.03 -0.54 0.00	28.09 -0.63 0.00	31.41 -0.71 0.00	28.85 -0.62 0.00	28.27 -0.61 0.00	26.53 -0.54 0.00	23.25 -0.47 0.00	21.06 -0.41 0.00	19.25 -0.27 0.00
OUTOKUMPU-AB___DRP 24206	17.83 -0.44 -0.03	16.09 -0.68 -0.10	15.43 -0.57 -0.06	14.98 -0.51 -0.03	15.35 -0.56 -0.02	16.42 -0.51 0.00	18.99 -0.31 0.00	19.51 -0.89 -0.14	20.26 -0.64 -0.23	21.15 -0.65 -0.14	20.46 -0.69 -0.33	20.59 -0.71 -0.33	21.55 -0.75 -0.21	22.25 -0.93 -0.01	23.62 -0.68 -0.01	24.94 -0.64 -0.01	27.70 -1.03 -0.01	30.94 -1.19 -0.01	28.52 -1.12 -0.17	27.93 -1.04 -0.09	26.22 -0.87 -0.01	23.28 -0.45 -0.01	21.34 -0.13 0.00	19.60 0.08 0.00
OXBOW____ 24026	17.56 -0.71 -0.03	15.84 -0.93 -0.10	15.19 -0.81 -0.06	14.75 -0.74 -0.03	15.10 -0.81 -0.02	16.13 -0.80 0.00	18.63 -0.68 0.00	19.16 -1.24 -0.14	19.93 -0.97 -0.23	20.78 -1.02 -0.14	20.13 -1.02 -0.33	20.26 -1.05 -0.33	21.15 -1.15 -0.21	22.08 -1.09 -0.01	23.18 -1.12 -0.01	24.48 -1.10 -0.01	27.38 -1.35 -0.01	30.52 -1.60 -0.01	28.37 -1.27 -0.17	27.67 -1.30 -0.09	25.87 -1.22 -0.01	22.90 -0.83 -0.01	20.98 -0.47 0.01	19.26 -0.25 0.01
OXY_CHEM_DSASP 323612	17.23 -1.04 -0.03	15.54 -1.23 -0.10	14.90 -1.10 -0.06	14.47 -1.02 -0.03	14.78 -1.13 -0.02	15.79 -1.13 0.00	18.36 -0.95 0.00	18.72 -1.64 -0.10	19.45 -1.41 -0.18	20.29 -1.47 -0.10	19.64 -1.46 -0.28	19.77 -1.49 -0.28	20.67 -1.59 -0.17	21.36 -1.78 0.02	22.67 -1.60 0.02	23.93 -1.61 0.02	26.57 -2.13 0.02	29.65 -2.44 0.02	27.36 -2.24 -0.13	26.80 -2.14 -0.05	25.18 -1.87 0.02	22.35 -1.35 0.02	20.50 -0.94 0.02	18.86 -0.64 0.02
OZONE_PARK_ESR 323760	19.72 1.31 -0.17	18.45 1.13 -0.66	17.38 1.05 -0.38	16.65 1.02 -0.17	17.05 1.05 -0.11	18.03 1.10 0.00	20.61 1.31 0.00	22.62 1.56 -0.81	23.67 1.65 -1.35	24.23 1.78 -0.79	24.59 1.77 -2.00	24.78 1.82 -1.99	25.27 1.94 -1.23	25.43 2.27 0.00	26.60 2.31 0.00	28.00 2.43 0.00	31.42 2.70 0.00	35.17 3.05 0.00	33.00 2.53 -1.00	31.70 2.34 -0.48	29.24 2.17 0.00	25.52 1.80 0.00	23.23 1.76 0.00	20.85 1.33 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	17.23 -1.04 -0.03	15.54 -1.23 -0.10	14.90 -1.10 -0.06	14.47 -1.02 -0.03	14.78 -1.13 -0.02	15.79 -1.13 0.00	18.36 -0.95 0.00	18.72 -1.64 -0.10	19.45 -1.41 -0.18	20.29 -1.47 -0.10	19.64 -1.46 -0.28	19.77 -1.49 -0.28	20.67 -1.59 -0.17	21.36 -1.78 0.02	22.67 -1.60 0.02	23.93 -1.61 0.02	26.57 -2.13 0.02	29.65 -2.44 0.02	27.36 -2.24 -0.13	26.80 -2.14 -0.05	25.18 -1.87 0.02	22.35 -1.35 0.02	20.50 -0.94 0.02	18.86 -0.64 0.02
PACKARD___115KV_DUPONT_184 80571	17.23 -1.04 -0.03	15.54 -1.23 -0.10	14.90 -1.10 -0.06	14.47 -1.02 -0.03	14.78 -1.13 -0.02	15.79 -1.13 0.00	18.36 -0.95 0.00	18.72 -1.64 -0.10	19.45 -1.41 -0.18	20.29 -1.47 -0.10	19.64 -1.46 -0.28	19.77 -1.49 -0.28	20.67 -1.59 -0.17	21.36 -1.78 0.02	22.67 -1.60 0.02	23.93 -1.61 0.02	26.57 -2.13 0.02	29.65 -2.44 0.02	27.36 -2.24 -0.13	26.80 -2.14 -0.05	25.18 -1.87 0.02	22.35 -1.35 0.02	20.50 -0.94 0.02	18.86 -0.64 0.02
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	19.73 1.31 -0.17	18.46 1.13 -0.66	17.38 1.05 -0.39	16.69 1.05 -0.17	17.07 1.06 -0.12	17.98 1.05 0.00	20.48 1.18 0.00	22.44 1.38 -0.81	23.43 1.41 -1.35	24.01 1.56 -0.79	24.38 1.56 -2.00	24.62 1.66 -1.99	25.14 1.81 -1.23	25.28 2.11 -0.01	26.36 2.06 0.00	27.74 2.17 0.00	31.11 2.38 -0.01	34.82 2.70 -0.01	32.74 2.27 -1.01	31.47 2.11 -0.48	28.97 1.90 0.00	25.33 1.61 0.00	23.15 1.67 -0.01	20.81 1.29 0.00

PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	19.88 1.46 -0.17	18.61 1.28 -0.66	17.53 1.20 -0.39	16.81 1.18 -0.17	17.21 1.21 -0.12	18.11 1.18 0.00	20.63 1.33 0.00	22.60 1.54 -0.81	23.59 1.57 -1.35	24.16 1.71 -0.79	24.52 1.71 -2.00	24.76 1.80 -1.99	25.30 1.97 -1.23	25.46 2.29 -0.01	26.65 2.36 0.00	28.02 2.45 0.00	31.46 2.73 -0.01	35.17 3.05 -0.01	33.07 2.59 -1.01	31.76 2.40 -0.48	29.27 2.19 0.00	25.60 1.87 0.00	23.41 1.93 -0.01	21.03 1.50 0.00
PATROON__115KV_TB1 80586	19.14 0.69 -0.21	18.05 0.57 -0.82	17.01 0.59 -0.48	16.26 0.59 -0.21	16.63 0.60 -0.13	17.52 0.59 0.00	19.91 0.64 0.03	20.25 0.71 0.71	23.15 0.87 -1.61	22.22 0.93 0.37	24.29 0.87 -2.60	24.39 0.88 -2.53	23.78 0.95 -0.74	22.75 1.04 1.45	23.96 1.07 1.40	25.72 1.07 0.92	28.12 1.24 1.83	31.49 1.38 2.00	30.86 1.27 -0.12	31.32 1.21 -1.23	28.18 1.11 0.00	24.67 0.95 0.00	22.26 0.79 0.00	20.23 0.70 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	17.74 -0.53 -0.03	15.93 -0.85 -0.11	15.26 -0.75 -0.07	15.00 -0.49 -0.03	15.51 -0.40 -0.02	16.60 -0.32 0.00	19.20 -0.10 0.00	19.77 -0.63 -0.14	20.52 -0.39 -0.24	21.41 -0.39 -0.14	20.78 -0.40 -0.35	20.89 -0.44 -0.35	21.87 -0.44 -0.22	22.56 -0.60 0.00	23.98 -0.32 0.00	25.34 -0.23 0.00	28.12 -0.60 0.00	31.38 -0.74 0.00	28.94 -0.71 -0.18	28.30 -0.66 -0.09	26.53 -0.54 0.00	23.56 -0.17 0.00	21.57 0.11 0.00	19.82 0.29 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	19.60 1.19 -0.17	18.38 1.05 -0.66	17.32 0.99 -0.39	16.57 0.94 -0.17	16.97 0.97 -0.11	17.96 1.03 0.00	20.46 1.16 0.00	22.41 1.34 -0.82	23.47 1.43 -1.37	23.98 1.52 -0.80	24.35 1.50 -2.03	24.50 1.51 -2.02	24.94 1.59 -1.25	25.06 1.90 0.00	26.26 1.97 0.00	27.64 2.07 0.00	31.08 2.36 0.00	34.78 2.67 0.00	32.78 2.30 -1.01	31.54 2.17 -0.49	29.05 1.98 0.00	25.33 1.61 0.00	22.93 1.46 0.00	20.71 1.19 0.00
PEEKSKILL____ 23653	19.41 1.00 -0.16	18.20 0.88 -0.65	17.15 0.83 -0.38	16.43 0.80 -0.16	16.82 0.83 -0.11	17.79 0.86 0.00	20.32 1.02 0.00	22.25 1.19 -0.80	23.27 1.26 -1.33	23.81 1.37 -0.78	24.17 1.37 -1.98	24.32 1.38 -1.97	24.82 1.50 -1.22	24.83 1.67 0.00	26.06 1.77 0.00	27.43 1.87 0.00	30.79 2.07 0.00	34.36 2.25 0.00	32.35 1.89 -0.99	31.12 1.76 -0.48	28.70 1.62 0.00	25.10 1.38 0.00	22.78 1.31 0.00	20.54 1.01 0.00
PGE MADISON__WINDPWR 24146	19.37 1.08 -0.05	17.73 0.87 -0.20	16.87 0.81 -0.12	16.35 0.83 -0.05	16.81 0.89 -0.03	18.03 1.10 0.00	20.69 1.39 0.00	22.00 1.42 -0.33	22.58 1.34 -0.56	22.70 0.71 -0.33	22.29 0.65 -0.83	22.36 0.57 -0.82	23.18 0.57 -0.51	23.74 0.58 0.00	24.92 0.63 0.00	26.87 1.30 0.00	30.44 1.72 0.00	34.30 2.18 0.00	32.24 2.36 -0.41	31.59 2.51 -0.20	29.43 2.35 0.00	25.64 1.92 0.00	22.88 1.42 0.00	20.79 1.27 0.00
PIERCEFIELD__HYD 23852	18.15 -0.09 0.00	16.68 0.02 0.00	15.94 0.00 0.00	15.46 0.00 0.00	15.91 0.02 0.00	16.98 0.05 0.00	19.28 -0.02 0.00	20.50 0.24 0.00	20.88 0.21 0.00	21.90 0.24 0.00	21.00 0.19 0.00	21.12 0.15 0.00	22.25 0.15 0.00	23.28 0.12 0.00	24.44 0.15 0.00	25.67 0.10 0.00	28.75 0.03 0.00	31.73 -0.39 0.00	29.41 -0.06 0.00	28.85 -0.03 0.00	27.45 0.38 0.00	24.08 0.36 0.00	21.60 0.13 0.00	19.52 0.00 0.00
PINELAWN_CC_1 323563	29.70 1.50 -9.96	29.60 1.32 -11.62	20.65 1.24 -3.46	20.18 1.22 -3.49	21.23 1.26 -4.08	20.31 1.34 -2.05	29.65 1.56 -8.79	30.15 1.74 -8.16	30.17 1.88 -7.62	30.72 1.99 -7.07	30.81 1.87 -8.12	28.65 1.89 -5.79	28.67 1.94 -4.63	35.06 2.18 -9.73	34.80 2.09 -8.42	41.67 2.10 -14.01	45.56 2.27 -14.57	50.86 2.51 -16.24	52.65 2.15 -21.03	40.13 2.08 -9.17	37.85 1.89 -8.89	32.69 1.71 -7.26	27.99 1.87 -4.65	27.00 1.54 -5.94
PJM_GEN_HTP_PROXY 323702	19.54 1.13 -0.17	18.30 0.98 -0.66	17.25 0.92 -0.38	16.52 0.90 -0.17	16.92 0.92 -0.11	17.89 0.96 0.00	20.46 1.16 0.00	22.42 1.36 -0.81	23.47 1.45 -1.35	24.01 1.56 -0.79	24.38 1.56 -2.00	24.55 1.59 -1.99	25.05 1.72 -1.23	25.08 1.92 0.00	26.31 2.01 0.00	27.71 2.15 0.00	31.05 2.33 0.00	34.68 2.57 0.00	32.56 2.09 -1.00	31.30 1.94 -0.48	28.83 1.76 0.00	25.26 1.54 0.00	22.97 1.50 0.00	20.65 1.13 0.00
PJM_GEN_KEystone 24065	18.57 0.22 -0.10	17.12 0.05 -0.41	16.12 0.06 -0.12	15.30 0.12 0.28	16.10 0.14 -0.07	17.13 0.20 0.00	19.65 0.35 0.00	21.02 0.26 -0.50	21.86 0.35 -0.84	22.54 0.39 -0.49	22.49 0.44 -1.24	22.65 0.44 -1.23	23.32 0.46 -0.77	23.72 0.55 0.00	24.95 0.66 0.00	26.28 0.71 0.00	29.33 0.69 0.08	32.62 0.71 0.20	30.48 0.59 -0.42	29.50 0.49 -0.12	27.38 0.46 0.16	24.22 0.50 0.00	22.05 0.58 0.00	20.01 0.49 0.00
PJM_GEN_NEPTUNE_PROXY 323594	23.94 1.30 -4.40	23.19 1.13 -5.39	18.72 1.07 -1.71	18.10 1.04 -1.60	18.78 1.06 -1.83	18.95 1.13 -0.89	24.43 1.33 -3.80	25.74 1.50 -3.98	26.34 1.61 -4.06	26.90 1.73 -3.50	27.10 1.64 -4.64	26.26 1.66 -3.63	26.52 1.72 -2.70	29.28 1.92 -4.20	29.97 2.04 -3.64	33.77 2.15 -6.05	37.34 2.33 -6.29	41.70 2.57 -7.02	41.24 2.12 -9.65	35.14 2.02 -4.23	32.78 1.87 -3.84	28.47 1.61 -3.14	25.07 1.59 -2.01	23.38 1.29 -2.57
PJM_GEN_VFT_PROXY 323633	19.47 1.06 -0.17	18.24 0.92 -0.66	17.17 0.84 -0.38	16.46 0.83 -0.17	16.86 0.86 -0.11	17.82 0.90 0.00	20.38 1.08 0.00	22.36 1.30 -0.81	23.38 1.36 -1.35	23.93 1.47 -0.79	24.29 1.48 -2.00	24.49 1.53 -1.99	24.99 1.66 -1.23	24.99 1.83 0.00	26.21 1.92 0.00	27.61 2.05 0.00	29.69 2.16 1.19	31.65 2.34 2.81	29.58 1.89 1.78	28.63 1.76 2.01	26.45 1.60 2.22	25.17 1.45 0.00	22.88 1.42 0.00	20.56 1.03 0.00
PLATSBURG_115KV_PMLD1 355749	18.08 -0.16 0.00	16.66 0.00 0.00	15.94 0.00 0.00	15.48 0.02 0.00	15.97 0.08 0.00	17.06 0.14 0.00	19.44 0.14 0.00	20.56 0.30 0.00	21.00 0.33 0.00	22.05 0.39 0.00	21.19 0.37 0.00	21.33 0.36 0.00	22.49 0.40 0.00	23.62 0.46 0.00	24.85 0.56 0.00	26.18 0.61 0.00	29.38 0.66 0.00	32.85 0.74 0.00	30.38 0.91 0.00	29.78 0.90 0.00	27.91 0.84 0.00	24.36 0.64 0.00	21.92 0.45 0.00	19.80 0.27 0.00
PLEASANTVLY__LBMP 24000	19.38 0.97 -0.17	18.20 0.85 -0.68	17.15 0.81 -0.40	16.42 0.79 -0.17	16.81 0.81 -0.11	17.77 0.85 0.00	20.29 0.98 0.00	22.21 1.11 -0.84	23.24 1.16 -1.41	23.74 1.26 -0.82	24.15 1.25 -2.09	24.33 1.28 -2.07	24.73 1.35 -1.29	24.76 1.60 0.00	25.92 1.63 0.00	27.25 1.69 0.00	30.59 1.87 0.00	34.20 2.09 0.00	32.28 1.77 -1.04	31.03 1.65 -0.50	28.59 1.52 0.00	24.98 1.26 0.00	22.67 1.20 0.00	20.50 0.98 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	19.51 1.09 -0.17	18.28 0.95 -0.66	17.22 0.89 -0.39	16.50 0.87 -0.17	16.89 0.89 -0.11	17.86 0.93 0.00	20.40 1.10 0.00	22.35 1.28 -0.81	23.37 1.34 -1.36	23.91 1.45 -0.79	24.27 1.44 -2.01	24.46 1.49 -2.00	24.93 1.59 -1.24	25.01 1.85 0.00	26.19 1.89 0.00	27.56 1.99 0.00	30.96 2.24 0.00	34.62 2.50 0.00	32.60 2.12 -1.01	31.33 1.96 -0.49	28.86 1.79 0.00	25.19 1.47 0.00	22.86 1.40 0.00	20.62 1.09 0.00

PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	19.51 1.09 -0.17	18.28 0.95 -0.66	17.22 0.89 -0.39	16.50 0.87 -0.17	16.89 0.89 -0.11	17.86 0.93 0.00	20.40 1.10 0.00	22.35 1.28 -0.81	23.37 1.34 -1.36	23.91 1.45 -0.79	24.27 1.44 -2.01	24.46 1.49 -2.00	24.93 1.59 -1.24	25.01 1.85 0.00	26.19 1.89 0.00	27.56 1.99 0.00	30.96 2.24 0.00	34.62 2.50 0.00	32.60 2.12 -1.01	31.33 1.96 -0.49	28.86 1.79 0.00	25.19 1.47 0.00	22.86 1.40 0.00	20.62 1.09 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	19.51 1.09 -0.17	18.30 0.97 -0.67	17.24 0.91 -0.39	16.51 0.88 -0.17	16.91 0.91 -0.11	17.89 0.96 0.00	20.40 1.10 0.00	22.34 1.24 -0.84	23.36 1.28 -1.41	23.85 1.36 -0.82	24.26 1.35 -2.09	24.43 1.38 -2.07	24.86 1.48 -1.29	24.90 1.74 0.00	26.06 1.77 0.00	27.43 1.87 0.00	30.85 2.13 0.00	34.49 2.38 0.00	32.57 2.06 -1.04	31.32 1.94 -0.50	28.83 1.76 0.00	25.17 1.45 0.00	22.82 1.35 0.00	20.64 1.11 0.00
POLETTI____ 23519	19.54 1.13 -0.17	18.30 0.98 -0.66	17.25 0.92 -0.38	16.52 0.90 -0.17	16.92 0.92 -0.11	17.89 0.96 0.00	20.44 1.14 0.00	22.42 1.36 -0.81	23.45 1.43 -1.35	24.01 1.56 -0.79	24.36 1.54 -2.00	24.55 1.59 -1.99	25.05 1.72 -1.23	25.18 2.01 0.00	26.33 2.04 0.00	27.71 2.15 0.00	31.08 2.36 0.00	34.75 2.63 0.00	32.65 2.18 -1.00	31.33 1.96 -0.48	28.91 1.84 0.00	25.24 1.52 0.00	22.97 1.50 0.00	20.66 1.13 0.00
PORT_JEFF_3 23555	29.62 1.42 -9.96	29.54 1.25 -11.62	20.58 1.18 -3.46	20.10 1.14 -3.49	21.15 1.18 -4.08	20.23 1.25 -2.05	29.56 1.47 -8.79	30.07 1.66 -8.16	30.11 1.82 -7.62	30.66 1.93 -7.07	30.73 1.79 -8.12	28.57 1.80 -5.79	28.58 1.86 -4.63	34.97 2.09 -9.73	34.92 2.21 -8.42	41.95 2.38 -14.01	45.78 2.50 -14.57	51.12 2.76 -16.24	52.88 2.39 -21.03	40.24 2.19 -9.17	38.13 2.17 -8.88	32.81 1.83 -7.26	27.92 1.80 -4.65	26.99 1.52 -5.94
PORT_JEFF_4 23616	29.62 1.42 -9.96	29.54 1.25 -11.62	20.58 1.18 -3.46	20.10 1.14 -3.49	21.15 1.18 -4.08	20.23 1.25 -2.05	29.56 1.47 -8.79	30.07 1.66 -8.16	30.11 1.82 -7.62	30.66 1.93 -7.07	30.73 1.79 -8.12	28.57 1.80 -5.79	28.58 1.86 -4.63	34.97 2.09 -9.73	34.92 2.21 -8.42	41.95 2.38 -14.01	45.78 2.50 -14.57	51.12 2.76 -16.24	52.88 2.39 -21.03	40.24 2.19 -9.17	38.13 2.17 -8.88	32.81 1.83 -7.26	27.92 1.80 -4.65	26.99 1.52 -5.94
PORT_JEFF_IC 23713	29.64 1.44 -9.96	29.55 1.27 -11.62	20.60 1.20 -3.46	20.11 1.16 -3.49	21.17 1.19 -4.08	20.25 1.27 -2.05	29.58 1.49 -8.79	30.09 1.68 -8.16	30.13 1.84 -7.62	30.68 1.95 -7.07	30.74 1.81 -8.12	28.59 1.82 -5.79	28.63 1.90 -4.63	35.02 2.13 -9.73	34.97 2.26 -8.42	42.00 2.43 -14.01	45.76 2.47 -14.57	51.08 2.73 -16.24	52.85 2.36 -21.03	40.22 2.17 -9.17	38.20 2.25 -8.88	32.86 1.87 -7.26	27.94 1.82 -4.65	27.02 1.56 -5.94
PPL PILGRIM_ST_GT1 24216	29.75 1.55 -9.96	29.65 1.37 -11.62	20.69 1.29 -3.46	20.21 1.25 -3.49	21.28 1.30 -4.08	20.35 1.37 -2.05	29.71 1.62 -8.79	30.21 1.80 -8.16	30.26 1.97 -7.62	30.81 2.08 -7.07	30.85 1.91 -8.12	28.67 1.91 -5.79	28.69 1.97 -4.63	35.06 2.18 -9.73	34.99 2.28 -8.42	42.00 2.43 -14.01	45.67 2.38 -14.57	50.99 2.63 -16.24	52.73 2.24 -21.03	40.13 2.08 -9.17	38.20 2.25 -8.88	32.88 1.90 -7.26	28.01 1.89 -4.65	27.06 1.60 -5.94
PPL PILGRIM_ST_GT2 24217	29.75 1.55 -9.96	29.65 1.37 -11.62	20.69 1.29 -3.46	20.21 1.25 -3.49	21.28 1.30 -4.08	20.35 1.37 -2.05	29.71 1.62 -8.79	30.21 1.80 -8.16	30.26 1.97 -7.62	30.81 2.08 -7.07	30.85 1.91 -8.12	28.67 1.91 -5.79	28.69 1.97 -4.63	35.06 2.18 -9.73	34.99 2.28 -8.42	42.00 2.43 -14.01	45.67 2.38 -14.57	50.99 2.63 -16.24	52.73 2.24 -21.03	40.13 2.08 -9.17	38.20 2.25 -8.88	32.88 1.90 -7.26	28.01 1.89 -4.65	27.06 1.60 -5.94
PPL_SHRM_GT3 24213	29.39 1.19 -9.96	29.32 1.03 -11.62	20.39 0.99 -3.46	19.90 0.94 -3.49	20.94 0.97 -4.08	19.99 1.02 -2.05	29.29 1.20 -8.79	29.79 1.38 -8.16	29.84 1.55 -7.62	30.38 1.65 -7.07	30.48 1.54 -8.12	28.29 1.53 -5.79	28.34 1.61 -4.63	34.74 1.85 -9.73	34.65 1.94 -8.42	41.70 2.12 -14.01	45.67 2.38 -14.57	51.02 2.66 -16.24	52.80 2.30 -21.03	40.16 2.11 -9.17	37.93 1.98 -8.88	32.60 1.61 -7.26	27.71 1.59 -4.65	26.77 1.31 -5.94
PPL_SHRM_GT4 24214	29.39 1.19 -9.96	29.32 1.03 -11.62	20.39 0.99 -3.46	19.90 0.94 -3.49	20.94 0.97 -4.08	19.99 1.02 -2.05	29.29 1.20 -8.79	29.79 1.38 -8.16	29.84 1.55 -7.62	30.38 1.65 -7.07	30.48 1.54 -8.12	28.29 1.53 -5.79	28.34 1.61 -4.63	34.74 1.85 -9.73	34.65 1.94 -8.42	41.70 2.12 -14.01	45.67 2.38 -14.57	51.02 2.66 -16.24	52.80 2.30 -21.03	40.16 2.11 -9.17	37.93 1.98 -8.88	32.60 1.61 -7.26	27.71 1.59 -4.65	26.77 1.31 -5.94
PROJECT____ORANGE 1 24174	18.22 -0.04 -0.02	16.63 -0.10 -0.06	15.88 -0.10 -0.04	15.38 -0.09 -0.02	15.81 -0.10 -0.01	16.84 -0.08 0.00	19.28 -0.02 0.00	20.22 -0.10 -0.07	20.68 -0.10 -0.11	21.58 -0.15 -0.07	20.84 -0.15 -0.17	20.99 -0.15 -0.16	22.02 -0.18 -0.10	22.93 -0.23 0.00	24.10 -0.19 0.00	25.41 -0.15 0.00	28.55 -0.17 0.00	31.89 -0.22 0.00	29.32 -0.24 -0.08	28.69 -0.23 -0.04	26.88 -0.19 0.00	23.58 -0.14 0.00	21.34 -0.13 0.00	19.50 -0.02 0.00
PROJECT____ORANGE 2 24166	18.22 -0.04 -0.02	16.63 -0.10 -0.06	15.88 -0.10 -0.04	15.38 -0.09 -0.02	15.81 -0.10 -0.01	16.84 -0.08 0.00	19.28 -0.02 0.00	20.22 -0.10 -0.07	20.68 -0.10 -0.11	21.58 -0.15 -0.07	20.84 -0.15 -0.17	20.99 -0.15 -0.16	22.02 -0.18 -0.10	22.93 -0.23 0.00	24.10 -0.19 0.00	25.41 -0.15 0.00	28.55 -0.17 0.00	31.89 -0.22 0.00	29.32 -0.24 -0.08	28.69 -0.23 -0.04	26.88 -0.19 0.00	23.58 -0.14 0.00	21.34 -0.13 0.00	19.50 -0.02 0.00
PUCKETT____SOLAR 323809	18.68 0.38 -0.05	17.11 0.23 -0.21	16.31 0.24 -0.13	15.78 0.26 -0.05	16.23 0.30 -0.04	17.30 0.37 0.00	19.82 0.52 0.00	21.00 0.43 -0.32	21.62 0.41 -0.54	22.24 0.26 -0.31	21.84 0.23 -0.80	21.95 0.19 -0.79	22.76 0.18 -0.49	23.35 0.18 0.00	24.56 0.27 0.00	26.00 0.43 0.00	29.27 0.54 0.00	32.82 0.71 0.00	30.63 0.76 -0.40	29.88 0.81 -0.19	27.86 0.79 0.00	24.41 0.69 0.00	22.07 0.60 0.00	20.09 0.57 0.00
PYRITES____HYD 24023	18.32 0.07 0.00	16.83 0.17 0.00	16.08 0.14 0.00	15.60 0.14 0.00	16.07 0.17 0.00	17.15 0.22 0.00	19.48 0.17 0.00	20.68 0.43 0.00	21.07 0.39 0.00	22.08 0.41 0.00	21.17 0.35 0.00	21.27 0.29 0.00	22.43 0.33 0.00	23.42 0.25 0.00	24.61 0.32 0.00	25.82 0.26 0.00	29.01 0.29 0.00	32.15 0.03 0.00	29.82 0.35 0.00	29.29 0.40 0.00	27.75 0.68 0.00	24.27 0.55 0.00	21.72 0.26 0.00	19.60 0.08 0.00
QUAKERRD_115KV_BK1 80622	17.79 -0.47 -0.02	16.18 -0.57 -0.08	15.46 -0.53 -0.05	14.96 -0.53 -0.02	15.30 -0.60 -0.01	16.35 -0.58 0.00	18.82 -0.48 0.00	19.58 -0.77 -0.09	20.17 -0.66 -0.16	21.06 -0.69 -0.09	20.34 -0.71 -0.23	20.47 -0.73 -0.23	21.46 -0.77 -0.14	22.26 -0.90 0.00	23.49 -0.80 0.00	24.80 -0.77 0.00	27.69 -1.03 0.00	30.99 -1.12 0.00	28.55 -1.03 -0.12	27.96 -0.98 -0.06	26.23 -0.84 0.00	23.10 -0.62 0.00	20.97 -0.49 0.00	19.19 -0.33 0.00

QUENSBRY_I15KV_TB8 356137	20.32 1.86 -0.21	19.09 1.58 -0.84	17.91 1.48 -0.49	17.14 1.47 -0.21	17.54 1.51 -0.14	18.58 1.66 0.00	21.22 1.89 -0.03	27.04 2.01 -4.78	29.94 2.07 -7.20	30.04 2.06 -6.31	33.17 2.00 -10.35	33.33 1.99 -10.36	31.87 1.99 -7.79	27.08 1.60 -2.32	28.00 1.46 -2.25	28.75 1.71 -1.47	33.64 1.98 -2.94	37.86 2.54 -3.21	38.94 2.42 -7.06	32.73 2.40 -1.45	29.29 2.22 0.00	26.21 2.49 0.00	23.53 2.06 0.00	21.32 1.80 0.00
RAMAPO____LBMP 323565	19.33 0.93 -0.16	18.10 0.80 -0.63	17.06 0.75 -0.37	16.35 0.73 -0.16	16.74 0.75 -0.10	17.72 0.80 0.00	20.25 0.95 0.00	22.13 1.09 -0.78	23.13 1.16 -1.29	23.70 1.28 -0.76	24.01 1.27 -1.92	24.18 1.30 -1.91	24.67 1.39 -1.19	24.81 1.64 0.00	25.99 1.70 0.00	27.36 1.79 0.00	30.70 1.98 0.00	34.33 2.22 0.00	32.29 1.86 -0.96	31.02 1.68 -0.46	28.62 1.54 0.00	25.00 1.28 0.00	22.71 1.25 0.00	20.46 0.94 0.00
RANKINE____ 23646	17.94 -0.33 -0.03	16.16 -0.62 -0.11	15.48 -0.53 -0.07	15.10 -0.39 -0.03	15.53 -0.38 -0.02	16.60 -0.32 0.00	19.19 -0.12 0.00	19.75 -0.65 -0.14	20.51 -0.39 -0.23	21.39 -0.41 -0.14	20.75 -0.42 -0.34	20.88 -0.44 -0.34	21.84 -0.46 -0.21	22.54 -0.63 0.00	23.93 -0.36 0.00	25.26 -0.31 0.00	28.03 -0.69 0.00	31.31 -0.80 0.00	28.88 -0.77 -0.17	28.27 -0.69 -0.08	26.53 -0.54 0.00	23.56 -0.17 0.00	21.60 0.13 0.00	19.82 0.29 0.00
RAVENSWOOD_GT2_1 24244	19.58 1.17 -0.17	18.32 1.00 -0.66	17.26 0.94 -0.38	16.54 0.91 -0.17	16.94 0.94 -0.11	17.91 0.98 0.00	20.46 1.16 0.00	22.44 1.38 -0.81	23.49 1.47 -1.35	24.03 1.58 -0.79	24.38 1.56 -2.00	24.57 1.62 -1.99	25.07 1.75 -1.23	25.08 1.92 0.00	26.31 2.01 0.00	27.71 2.15 0.00	31.08 2.36 0.00	34.71 2.60 0.00	32.59 2.12 -1.00	31.36 1.99 -0.48	28.86 1.79 0.00	25.29 1.57 0.00	23.01 1.55 0.00	20.69 1.17 0.00
RAVENSWOOD_GT2_2 24245	19.58 1.17 -0.17	18.32 1.00 -0.66	17.26 0.94 -0.38	16.54 0.91 -0.17	16.94 0.94 -0.11	17.91 0.98 0.00	20.46 1.16 0.00	22.44 1.38 -0.81	23.49 1.47 -1.35	24.03 1.58 -0.79	24.38 1.56 -2.00	24.57 1.62 -1.99	25.07 1.75 -1.23	25.08 1.92 0.00	26.31 2.01 0.00	27.71 2.15 0.00	31.08 2.36 0.00	34.71 2.60 0.00	32.59 2.12 -1.00	31.36 1.99 -0.48	28.86 1.79 0.00	25.29 1.57 0.00	23.01 1.55 0.00	20.69 1.17 0.00
RAVENSWOOD_GT2_3 24246	19.58 1.17 -0.17	18.34 1.02 -0.66	17.26 0.94 -0.38	16.56 0.93 -0.17	16.95 0.95 -0.11	17.91 0.98 0.00	20.48 1.18 0.00	22.46 1.40 -0.81	23.49 1.47 -1.35	24.03 1.58 -0.79	24.40 1.58 -2.00	24.60 1.64 -1.99	25.10 1.77 -1.23	25.11 1.95 0.00	26.33 2.04 0.00	27.74 2.17 0.00	31.10 2.38 0.00	34.71 2.60 0.00	32.62 2.15 -1.00	31.36 1.99 -0.48	28.89 1.81 0.00	25.31 1.59 0.00	23.01 1.55 0.00	20.69 1.17 0.00
RAVENSWOOD_GT2_4 24247	19.58 1.17 -0.17	18.34 1.02 -0.66	17.26 0.94 -0.38	16.56 0.93 -0.17	16.95 0.95 -0.11	17.91 0.98 0.00	20.48 1.18 0.00	22.46 1.40 -0.81	23.49 1.47 -1.35	24.03 1.58 -0.79	24.40 1.58 -2.00	24.60 1.64 -1.99	25.10 1.77 -1.23	25.11 1.95 0.00	26.33 2.04 0.00	27.74 2.17 0.00	31.10 2.38 0.00	34.71 2.60 0.00	32.62 2.15 -1.00	31.36 1.99 -0.48	28.89 1.81 0.00	25.31 1.59 0.00	23.01 1.55 0.00	20.69 1.17 0.00
RAVENSWOOD_GT3_1 24248	19.58 1.17 -0.17	18.32 1.00 -0.66	17.26 0.94 -0.38	16.54 0.91 -0.17	16.94 0.94 -0.11	17.91 0.98 0.00	20.46 1.16 0.00	22.44 1.38 -0.81	23.49 1.47 -1.35	24.03 1.58 -0.79	24.40 1.58 -2.00	24.60 1.64 -1.99	25.07 1.75 -1.23	25.08 1.92 0.00	26.33 2.04 0.00	27.71 2.15 0.00	31.10 2.38 0.00	34.71 2.60 0.00	32.59 2.12 -1.00	31.36 1.99 -0.48	28.89 1.81 0.00	25.29 1.57 0.00	23.01 1.55 0.00	20.69 1.17 0.00
RAVENSWOOD_GT3_2 24249	19.58 1.17 -0.17	18.32 1.00 -0.66	17.26 0.94 -0.38	16.54 0.91 -0.17	16.94 0.94 -0.11	17.91 0.98 0.00	20.46 1.16 0.00	22.44 1.38 -0.81	23.49 1.47 -1.35	24.03 1.58 -0.79	24.40 1.58 -2.00	24.60 1.64 -1.99	25.07 1.75 -1.23	25.08 1.92 0.00	26.33 2.04 0.00	27.71 2.15 0.00	31.10 2.38 0.00	34.71 2.60 0.00	32.59 2.12 -1.00	31.36 1.99 -0.48	28.89 1.81 0.00	25.29 1.57 0.00	23.01 1.55 0.00	20.69 1.17 0.00
RAVENSWOOD_GT3_3 24250	19.60 1.19 -0.17	18.35 1.03 -0.66	17.28 0.96 -0.38	16.57 0.94 -0.17	16.97 0.97 -0.11	17.92 1.00 0.00	20.50 1.20 0.00	22.48 1.42 -0.81	23.51 1.49 -1.35	24.08 1.62 -0.79	24.42 1.60 -2.00	24.62 1.66 -1.99	25.12 1.79 -1.23	25.25 2.08 0.00	26.40 2.11 0.00	27.79 2.22 0.00	31.19 2.47 0.00	34.88 2.76 0.00	32.77 2.30 -1.00	31.44 2.08 -0.48	29.00 1.92 0.00	25.33 1.61 0.00	23.03 1.57 0.00	20.71 1.19 0.00
RAVENSWOOD_GT3_4 24251	19.59 1.19 -0.17	18.35 1.03 -0.66	17.28 0.96 -0.38	16.57 0.94 -0.17	16.97 0.97 -0.11	17.92 1.00 0.00	20.50 1.20 0.00	22.48 1.42 -0.81	23.51 1.49 -1.35	24.05 1.60 -0.79	24.42 1.60 -2.00	24.62 1.66 -1.99	25.12 1.79 -1.23	25.13 1.97 0.00	26.35 2.06 0.00	27.77 2.20 0.00	31.13 2.41 0.00	34.78 2.66 0.00	32.65 2.18 -1.00	31.39 2.02 -0.48	28.92 1.84 0.00	25.34 1.61 0.00	23.03 1.57 0.00	20.71 1.19 0.00
RAVENSWOOD_GT_1 23729	19.66 1.24 -0.17	18.39 1.07 -0.66	17.31 0.99 -0.38	16.60 0.97 -0.17	17.00 1.00 -0.11	17.94 1.02 0.00	20.50 1.20 0.00	22.48 1.42 -0.81	23.53 1.51 -1.35	24.08 1.63 -0.79	24.46 1.64 -2.00	24.66 1.70 -1.99	25.16 1.83 -1.23	25.18 2.01 -0.01	26.40 2.11 0.00	27.82 2.25 0.00	31.23 2.50 -0.01	34.85 2.73 -0.01	32.74 2.27 -1.01	31.45 2.08 -0.48	28.97 1.89 0.00	25.36 1.64 0.00	23.11 1.63 -0.01	20.75 1.23 0.00
RAVENSWOOD_GT_10 24258	19.56 1.15 -0.17	18.32 1.00 -0.66	17.26 0.94 -0.38	16.54 0.91 -0.17	16.94 0.94 -0.11	17.91 0.98 0.00	20.46 1.16 0.00	22.44 1.38 -0.81	23.49 1.47 -1.35	24.03 1.58 -0.79	24.38 1.56 -2.00	24.57 1.61 -1.99	25.07 1.75 -1.23	25.20 2.04 0.00	26.36 2.06 0.00	27.74 2.17 0.00	31.14 2.41 0.00	34.81 2.70 0.00	32.71 2.24 -1.00	31.42 2.05 -0.48	28.97 1.90 0.00	25.29 1.57 0.00	23.01 1.55 0.00	20.67 1.15 0.00
RAVENSWOOD_GT_11 24259	19.56 1.15 -0.17	18.32 1.00 -0.66	17.26 0.94 -0.38	16.54 0.91 -0.17	16.94 0.94 -0.11	17.91 0.98 0.00	20.46 1.16 0.00	22.44 1.38 -0.81	23.49 1.47 -1.35	24.03 1.58 -0.79	24.38 1.56 -2.00	24.57 1.62 -1.99	25.07 1.75 -1.23	25.08 1.92 0.00	26.31 2.01 0.00	27.71 2.15 0.00	31.08 2.36 0.00	34.72 2.60 0.00	32.59 2.12 -1.00	31.33 1.96 -0.48	28.86 1.79 0.00	25.29 1.57 0.00	22.99 1.52 0.00	20.67 1.15 0.00
RAVENSWOOD_GT_4 24252	19.56 1.15 -0.17	18.32 1.00 -0.66	17.25 0.92 -0.38	16.54 0.91 -0.17	16.94 0.94 -0.11	17.91 0.98 0.00	20.46 1.16 0.00	22.44 1.38 -0.81	23.47 1.45 -1.35	24.03 1.58 -0.79	24.38 1.56 -2.00	24.57 1.61 -1.99	25.05 1.72 -1.23	25.21 2.04 -0.01	26.36 2.06 0.00	27.71 2.15 0.00	31.11 2.38 -0.01	34.79 2.67 -0.01	32.68 2.21 -1.00	31.39 2.02 -0.48	28.94 1.87 0.00	25.29 1.57 0.00	23.00 1.52 -0.01	20.67 1.15 0.00

RAVENSWOOD_GT_5 24254	19.56 1.15 -0.17	18.32 1.00 -0.66	17.25 0.92 -0.38	16.54 0.91 -0.17	16.94 0.94 -0.11	17.91 0.98 0.00	20.46 1.16 0.00	22.44 1.38 -0.81	23.47 1.45 -1.35	24.03 1.58 -0.79	24.38 1.56 -2.00	24.57 1.61 -1.99	25.05 1.72 -1.23	25.21 2.04 -0.01	26.36 2.06 0.00	27.71 2.15 0.00	31.11 2.38 -0.01	34.79 2.67 -0.01	32.68 2.21 -1.00	31.39 2.02 -0.48	28.94 1.87 0.00	25.29 1.57 0.00	23.00 1.52 -0.01	20.67 1.15 0.00
RAVENSWOOD_GT_6 24253	19.56 1.15 -0.17	18.32 1.00 -0.66	17.25 0.92 -0.38	16.54 0.91 -0.17	16.94 0.94 -0.11	17.91 0.98 0.00	20.46 1.16 0.00	22.44 1.38 -0.81	23.47 1.45 -1.35	24.03 1.58 -0.79	24.38 1.56 -2.00	24.57 1.61 -1.99	25.05 1.72 -1.23	25.21 2.04 -0.01	26.36 2.06 0.00	27.71 2.15 0.00	31.11 2.38 -0.01	34.79 2.67 -0.01	32.68 2.21 -1.00	31.39 2.02 -0.48	28.94 1.87 0.00	25.29 1.57 0.00	23.00 1.52 -0.01	20.67 1.15 0.00
RAVENSWOOD_GT_7 24255	19.56 1.15 -0.17	18.32 1.00 -0.66	17.25 0.92 -0.38	16.54 0.91 -0.17	16.94 0.94 -0.11	17.91 0.98 0.00	20.46 1.16 0.00	22.44 1.38 -0.81	23.47 1.45 -1.35	24.03 1.58 -0.79	24.38 1.56 -2.00	24.57 1.61 -1.99	25.05 1.72 -1.23	25.21 2.04 -0.01	26.36 2.06 0.00	27.71 2.15 0.00	31.11 2.38 -0.01	34.79 2.67 -0.01	32.68 2.21 -1.00	31.39 2.02 -0.48	28.94 1.87 0.00	25.29 1.57 0.00	23.00 1.52 -0.01	20.67 1.15 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	19.56 1.15 -0.17	18.32 1.00 -0.66	17.26 0.94 -0.38	16.54 0.91 -0.17	16.94 0.94 -0.11	17.91 0.98 0.00	20.46 1.16 0.00	22.44 1.38 -0.81	23.49 1.47 -1.35	24.03 1.58 -0.79	24.38 1.56 -2.00	24.57 1.61 -1.99	25.07 1.75 -1.23	25.20 2.04 0.00	26.36 2.06 0.00	27.74 2.17 0.00	31.14 2.41 0.00	34.81 2.70 0.00	32.71 2.24 -1.00	31.42 2.05 -0.48	28.97 1.90 0.00	25.29 1.57 0.00	23.01 1.55 0.00	20.67 1.15 0.00
RAVENSWOOD_GT_9 24257	19.56 1.15 -0.17	18.32 1.00 -0.66	17.26 0.94 -0.38	16.54 0.91 -0.17	16.94 0.94 -0.11	17.91 0.98 0.00	20.46 1.16 0.00	22.44 1.38 -0.81	23.49 1.47 -1.35	24.03 1.58 -0.79	24.38 1.56 -2.00	24.57 1.62 -1.99	25.07 1.75 -1.23	25.08 1.92 0.00	26.31 2.01 0.00	27.71 2.15 0.00	31.08 2.36 0.00	34.72 2.60 0.00	32.59 2.12 -1.00	31.33 1.96 -0.48	28.86 1.79 0.00	25.29 1.57 0.00	22.99 1.52 0.00	20.67 1.15 0.00
RAVENSWOOD___1 23533	19.66 1.24 -0.17	18.39 1.07 -0.66	17.31 0.99 -0.38	16.60 0.97 -0.17	17.00 1.00 -0.11	17.94 1.02 0.00	20.50 1.20 0.00	22.48 1.42 -0.81	23.53 1.51 -1.35	24.08 1.63 -0.79	24.46 1.64 -2.00	24.66 1.70 -1.99	25.16 1.83 -1.23	25.18 2.01 -0.01	26.40 2.11 0.00	27.82 2.25 0.00	31.23 2.50 -0.01	34.85 2.73 -0.01	32.74 2.27 -1.01	31.45 2.08 -0.48	28.97 1.89 0.00	25.36 1.64 0.00	23.11 1.63 -0.01	20.75 1.23 0.00
RAVENSWOOD___2 23534	19.66 1.24 -0.17	18.39 1.07 -0.66	17.31 0.99 -0.38	16.60 0.97 -0.17	17.00 1.00 -0.11	17.94 1.02 0.00	20.50 1.20 0.00	22.48 1.42 -0.81	23.53 1.51 -1.35	24.08 1.63 -0.79	24.46 1.64 -2.00	24.66 1.70 -1.99	25.16 1.83 -1.23	25.18 2.01 -0.01	26.40 2.11 0.00	27.82 2.25 0.00	31.23 2.50 -0.01	34.85 2.73 -0.01	32.74 2.27 -1.01	31.45 2.08 -0.48	28.97 1.89 0.00	25.36 1.64 0.00	23.11 1.63 -0.01	20.75 1.23 0.00
RAVENSWOOD___3 23535	19.58 1.17 -0.17	18.34 1.02 -0.66	17.26 0.94 -0.38	16.56 0.93 -0.17	16.95 0.95 -0.11	17.91 0.98 0.00	20.46 1.16 0.00	22.44 1.38 -0.81	23.49 1.47 -1.35	24.03 1.58 -0.79	24.40 1.58 -2.00	24.60 1.64 -1.99	25.07 1.75 -1.23	25.08 1.92 0.00	26.33 2.04 0.00	27.71 2.15 0.00	31.10 2.38 0.00	34.71 2.60 0.00	32.59 2.12 -1.00	31.36 1.99 -0.48	28.89 1.81 0.00	25.29 1.57 0.00	23.01 1.55 0.00	20.69 1.17 0.00
RAVENSWOOD___4 23820	19.66 1.24 -0.17	18.39 1.07 -0.66	17.31 0.99 -0.38	16.60 0.97 -0.17	17.00 1.00 -0.11	17.94 1.02 0.00	20.50 1.20 0.00	22.48 1.42 -0.81	23.53 1.51 -1.35	24.08 1.63 -0.79	24.46 1.64 -2.00	24.66 1.70 -1.99	25.16 1.83 -1.23	25.18 2.01 -0.01	26.40 2.11 0.00	27.82 2.25 0.00	31.23 2.50 -0.01	34.85 2.73 -0.01	32.74 2.27 -1.01	31.45 2.08 -0.48	28.97 1.89 0.00	25.36 1.64 0.00	23.11 1.63 -0.01	20.75 1.23 0.00
RCPL_TRUST___DRP 24196	19.56 1.15 -0.17	18.32 1.00 -0.66	17.26 0.94 -0.38	16.54 0.91 -0.17	16.94 0.94 -0.11	17.91 0.98 0.00	20.48 1.18 0.00	22.46 1.40 -0.81	23.51 1.49 -1.35	24.05 1.60 -0.79	24.42 1.60 -2.00	24.60 1.64 -1.99	25.10 1.77 -1.23	25.25 2.08 0.00	26.40 2.11 0.00	27.77 2.20 0.00	31.16 2.44 0.00	34.88 2.76 0.00	32.74 2.27 -1.00	31.42 2.05 -0.48	28.97 1.90 0.00	25.29 1.57 0.00	22.99 1.52 0.00	20.67 1.15 0.00
RED___ROCHESTER 323720	18.41 0.15 -0.02	16.68 -0.07 -0.08	15.96 -0.03 -0.05	15.44 -0.05 -0.02	15.79 -0.11 -0.01	16.88 -0.05 0.00	19.46 0.15 0.00	20.17 -0.18 -0.10	20.84 0.00 -0.16	21.76 0.00 -0.09	21.02 -0.04 -0.24	21.15 -0.06 -0.24	22.15 -0.09 -0.15	23.14 -0.02 0.00	24.27 -0.02 0.00	25.64 0.08 0.00	28.78 0.06 0.00	32.11 0.00 0.00	29.74 0.15 -0.12	29.06 0.12 -0.06	27.21 0.14 0.00	23.96 0.24 0.00	21.77 0.30 0.00	19.89 0.37 0.00
REGAN___SOLAR 323812	20.55 2.06 -0.24	19.37 1.75 -0.95	18.14 1.64 -0.56	17.33 1.62 -0.24	17.75 1.70 -0.16	18.82 1.90 0.00	21.39 2.09 0.00	24.95 2.21 -2.49	27.35 2.15 -4.53	26.81 2.08 -3.07	29.53 2.06 -6.65	29.59 1.99 -6.63	28.56 2.08 -4.39	25.71 2.09 -0.46	26.95 2.21 -0.45	28.19 2.33 -0.29	32.13 2.82 -0.59	36.03 3.28 -0.64	36.56 3.39 -3.70	33.63 3.38 -1.37	30.32 3.25 0.00	26.57 2.85 0.00	23.85 2.38 0.00	21.57 2.05 0.00
RENSSELAER___COGEN 23796	19.05 0.60 -0.21	17.98 0.50 -0.81	16.94 0.53 -0.47	16.18 0.51 -0.21	16.55 0.52 -0.13	17.45 0.53 0.00	19.82 0.56 0.04	18.96 0.61 1.91	19.26 0.64 2.06	17.84 0.69 4.52	18.92 0.65 2.54	18.98 0.65 2.64	19.02 0.69 3.76	20.25 0.74 3.66	21.52 0.78 3.54	24.01 0.77 2.32	24.96 0.86 4.63	27.96 0.90 5.06	26.00 0.76 4.24	30.59 0.75 -0.95	27.78 0.70 0.00	24.36 0.64 0.00	22.02 0.56 0.00	20.03 0.51 0.00
REPUBLIC_115KV_BARTNBRK 55605	21.47 3.01 -0.21	20.02 2.52 -0.84	18.79 2.36 -0.49	17.99 2.32 -0.21	18.44 2.42 -0.14	19.58 2.66 0.00	22.26 2.93 -0.03	28.33 3.18 -4.89	31.22 3.23 -7.32	31.40 3.25 -6.48	34.46 3.12 -10.52	34.67 3.17 -10.53	33.30 3.25 -7.95	28.46 2.87 -2.43	29.61 2.96 -2.35	30.33 3.22 -1.54	35.59 3.79 -3.07	40.06 4.59 -3.36	41.23 4.54 -7.23	34.81 4.48 -1.45	31.22 4.14 0.00	27.90 4.18 0.00	24.79 3.33 0.00	22.39 2.87 0.00
REVERE_CPPR_DRP 24186	18.78 0.53 -0.01	17.13 0.43 -0.03	16.36 0.40 -0.02	15.86 0.39 -0.01	16.29 0.40 -0.01	17.42 0.49 0.00	19.90 0.60 0.00	20.90 0.65 0.00	21.29 0.62 0.00	22.29 0.63 0.00	21.36 0.54 0.00	21.48 0.50 0.00	22.65 0.55 0.00	23.62 0.46 0.00	24.90 0.61 0.00	26.15 0.59 0.00	29.61 0.89 0.00	33.21 1.09 0.00	30.62 1.15 0.00	30.07 1.18 0.00	28.21 1.14 0.00	24.62 0.90 0.00	22.07 0.60 0.00	20.07 0.55 0.00

REYNOLDS_115KV_TB3 80639	19.22 0.77 -0.21	18.14 0.67 -0.81	17.07 0.65 -0.48	16.32 0.65 -0.21	16.69 0.67 -0.13	17.59 0.66 0.00	19.96 0.71 0.06	17.96 0.75 3.05	17.83 0.79 3.63	15.91 0.84 6.60	16.92 0.79 4.69	16.98 0.82 4.81	17.10 0.86 5.86	19.19 0.97 4.94	20.45 0.95 4.79	23.35 0.92 3.14	23.50 1.03 6.25	26.47 1.19 6.83	24.15 1.03 6.35	30.91 1.04 -0.99	28.05 0.97 0.00	24.55 0.83 0.00	22.20 0.73 0.00	20.21 0.68 0.00
RIVERBAY____ 323610	19.88 1.46 -0.17	18.61 1.28 -0.66	17.53 1.20 -0.39	16.81 1.18 -0.17	17.21 1.21 -0.12	18.11 1.18 0.00	20.63 1.33 0.00	22.60 1.54 -0.81	23.59 1.57 -1.35	24.16 1.71 -0.79	24.52 1.71 -2.00	24.76 1.80 -1.99	25.30 1.97 -1.23	25.46 2.29 -0.01	26.65 2.36 0.00	28.02 2.45 0.00	31.46 2.73 -0.01	35.17 3.05 -0.01	33.07 2.59 -1.01	31.76 2.40 -0.48	29.27 2.19 0.00	25.60 1.87 0.00	23.41 1.93 -0.01	21.03 1.50 0.00
RIVERSDE_115KV_TB3 55908	19.14 0.69 -0.21	18.05 0.57 -0.82	17.01 0.59 -0.48	16.26 0.59 -0.21	16.63 0.60 -0.13	17.52 0.59 0.00	19.90 0.64 0.04	19.19 0.69 1.75	18.62 0.66 2.71	17.00 0.74 5.40	18.08 0.69 3.43	18.12 0.69 3.54	18.19 0.73 4.64	19.79 0.83 4.20	21.02 0.80 4.07	23.69 0.79 2.67	24.29 0.89 5.32	27.33 1.03 5.81	25.23 0.88 5.13	30.72 0.87 -0.98	27.89 0.81 0.00	24.41 0.69 0.00	22.07 0.60 0.00	20.07 0.55 0.00
ROARING____BROOK_WT_PWR 323790	17.75 -0.49 0.00	16.31 -0.35 0.00	15.59 -0.35 0.00	15.08 -0.39 0.00	15.49 -0.40 0.00	16.50 -0.42 0.00	18.80 -0.50 0.00	19.83 -0.43 0.00	20.28 -0.39 0.00	21.27 -0.39 0.00	20.48 -0.33 0.00	20.66 -0.31 0.00	21.74 -0.35 0.00	22.79 -0.37 0.00	23.90 -0.39 0.00	25.18 -0.38 0.00	28.35 -0.37 0.00	31.76 -0.35 0.00	29.20 -0.27 0.00	28.62 -0.26 0.00	26.86 -0.22 0.00	23.51 -0.21 0.00	21.25 -0.21 0.00	19.29 -0.23 0.00
ROCHESRG_115KV_T4 355643	18.19 -0.07 -0.02	16.50 -0.25 -0.08	15.80 -0.19 -0.05	15.27 -0.22 -0.02	15.62 -0.29 -0.01	16.69 -0.24 0.00	19.22 -0.08 0.00	19.95 -0.41 -0.10	20.59 -0.25 -0.16	21.48 -0.28 -0.09	20.76 -0.29 -0.24	20.87 -0.34 -0.24	21.89 -0.35 -0.15	22.70 -0.46 0.00	23.97 -0.32 0.00	25.31 -0.26 0.00	28.23 -0.49 0.00	31.57 -0.55 0.00	29.09 -0.50 -0.12	28.51 -0.43 -0.06	26.78 -0.30 0.00	23.63 -0.09 0.00	21.49 0.02 0.00	19.66 0.14 0.00
ROCHESTER_9_IC 23652	18.30 0.04 -0.02	16.60 -0.15 -0.08	15.88 -0.11 -0.05	15.36 -0.12 -0.02	15.71 -0.19 -0.01	16.79 -0.14 0.00	19.36 0.06 0.00	20.07 -0.28 -0.10	20.73 -0.10 -0.16	21.63 -0.13 -0.09	20.89 -0.17 -0.24	21.02 -0.19 -0.24	22.04 -0.20 -0.15	22.86 -0.30 0.00	24.14 -0.15 0.00	25.49 -0.08 0.00	28.43 -0.29 0.00	31.83 -0.29 0.00	29.32 -0.27 -0.12	28.74 -0.20 -0.06	26.99 -0.08 0.00	23.79 0.07 0.00	21.64 0.17 0.00	19.80 0.27 0.00
ROCKVIEW_13_KV_LD 356306	19.56 1.15 -0.17	18.32 1.00 -0.66	17.25 0.92 -0.38	16.54 0.91 -0.17	16.94 0.94 -0.11	17.92 1.00 0.00	20.46 1.16 0.00	22.42 1.36 -0.81	23.47 1.45 -1.35	24.01 1.56 -0.79	24.36 1.54 -2.00	24.55 1.59 -1.99	25.03 1.70 -1.23	25.15 1.99 0.00	26.33 2.04 0.00	27.71 2.15 0.00	31.13 2.41 0.00	34.81 2.70 0.00	32.74 2.27 -1.00	31.47 2.11 -0.48	29.02 1.95 0.00	25.31 1.59 0.00	22.97 1.50 0.00	20.69 1.17 0.00
ROME____115KV_TB2 80656	18.78 0.53 -0.01	17.13 0.43 -0.03	16.36 0.40 -0.02	15.86 0.39 -0.01	16.29 0.40 -0.01	17.42 0.49 0.00	19.90 0.60 0.00	20.90 0.65 0.00	21.29 0.62 0.00	22.29 0.63 0.00	21.36 0.54 0.00	21.48 0.50 0.00	22.65 0.55 0.00	23.62 0.46 0.00	24.90 0.61 0.00	26.15 0.59 0.00	29.61 0.89 0.00	33.21 1.09 0.00	30.62 1.15 0.00	30.07 1.18 0.00	28.21 1.14 0.00	24.62 0.90 0.00	22.07 0.60 0.00	20.07 0.55 0.00
ROSETON____1 23587	19.34 0.93 -0.17	18.14 0.82 -0.66	17.09 0.77 -0.38	16.37 0.74 -0.17	16.76 0.76 -0.11	17.74 0.81 0.00	20.25 0.95 0.00	22.13 1.07 -0.80	23.13 1.12 -1.34	23.66 1.21 -0.78	24.01 1.21 -1.99	24.19 1.24 -1.98	24.65 1.33 -1.23	24.62 1.46 0.00	25.85 1.56 0.00	27.20 1.64 0.00	30.53 1.81 0.00	34.07 1.96 0.00	32.08 1.62 -0.99	30.89 1.53 -0.48	28.48 1.41 0.00	24.93 1.21 0.00	22.63 1.16 0.00	20.46 0.94 0.00
ROSETON____2 23588	19.34 0.93 -0.17	18.14 0.82 -0.66	17.09 0.77 -0.38	16.37 0.74 -0.17	16.76 0.76 -0.11	17.74 0.81 0.00	20.25 0.95 0.00	22.13 1.07 -0.80	23.13 1.12 -1.34	23.66 1.21 -0.78	24.01 1.21 -1.99	24.19 1.24 -1.98	24.65 1.33 -1.23	24.62 1.46 0.00	25.85 1.56 0.00	27.20 1.64 0.00	30.53 1.81 0.00	34.07 1.96 0.00	32.08 1.62 -0.99	30.89 1.53 -0.48	28.48 1.41 0.00	24.93 1.21 0.00	22.63 1.16 0.00	20.46 0.94 0.00
ROTTDAM_115KV_TB3 80664	19.35 0.89 -0.22	18.30 0.78 -0.85	17.19 0.75 -0.50	16.40 0.73 -0.22	16.78 0.75 -0.14	17.70 0.78 0.00	20.21 0.91 0.00	24.02 0.95 -2.81	26.79 0.99 -5.13	26.19 1.04 -3.49	29.35 1.00 -7.53	29.48 1.01 -7.50	28.13 1.06 -4.98	24.81 1.11 -0.54	25.93 1.12 -0.52	27.09 1.18 -0.34	30.72 1.32 -0.68	34.40 1.54 -0.75	35.08 1.41 -4.20	31.82 1.39 -1.55	28.35 1.27 0.00	24.86 1.14 0.00	22.48 1.01 0.00	20.40 0.88 0.00
RUSSELL____1 23602	18.41 0.15 -0.02	16.68 -0.07 -0.08	15.96 -0.03 -0.05	15.44 -0.05 -0.02	15.79 -0.11 -0.01	16.88 -0.05 0.00	19.46 0.15 0.00	20.19 -0.16 -0.10	20.84 0.00 -0.16	21.76 0.00 -0.09	21.02 -0.04 -0.24	21.15 -0.06 -0.24	22.18 -0.07 -0.15	23.00 -0.16 0.00	24.29 0.00 0.00	25.67 0.10 0.00	28.61 -0.11 0.00	32.05 -0.06 0.00	29.53 -0.06 -0.12	28.91 -0.03 -0.06	27.15 0.08 0.00	23.96 0.24 0.00	21.77 0.30 0.00	19.89 0.37 0.00
RUSSELL____2 23532	18.41 0.15 -0.02	16.68 -0.07 -0.08	15.96 -0.03 -0.05	15.44 -0.05 -0.02	15.79 -0.11 -0.01	16.88 -0.05 0.00	19.46 0.15 0.00	20.19 -0.16 -0.10	20.84 0.00 -0.16	21.76 0.00 -0.09	21.02 -0.04 -0.24	21.15 -0.06 -0.24	22.18 -0.07 -0.15	23.00 -0.16 0.00	24.29 0.00 0.00	25.67 0.10 0.00	28.61 -0.11 0.00	32.05 -0.06 0.00	29.53 -0.06 -0.12	28.91 -0.03 -0.06	27.15 0.08 0.00	23.96 0.24 0.00	21.77 0.30 0.00	19.89 0.37 0.00
RUSSELL____3 23549	18.41 0.15 -0.02	16.68 -0.07 -0.08	15.96 -0.03 -0.05	15.44 -0.05 -0.02	15.79 -0.11 -0.01	16.88 -0.05 0.00	19.46 0.15 0.00	20.19 -0.16 -0.10	20.84 0.00 -0.16	21.76 0.00 -0.09	21.02 -0.04 -0.24	21.15 -0.06 -0.24	22.18 -0.07 -0.15	23.00 -0.16 0.00	24.29 0.00 0.00	25.67 0.10 0.00	28.61 -0.11 0.00	32.05 -0.06 0.00	29.53 -0.06 -0.12	28.91 -0.03 -0.06	27.15 0.08 0.00	23.96 0.24 0.00	21.77 0.30 0.00	19.89 0.37 0.00
RUSSELL____4 23556	18.41 0.15 -0.02	16.68 -0.07 -0.08	15.96 -0.03 -0.05	15.44 -0.05 -0.02	15.79 -0.11 -0.01	16.88 -0.05 0.00	19.46 0.15 0.00	20.19 -0.16 -0.10	20.84 0.00 -0.16	21.76 0.00 -0.09	21.02 -0.04 -0.24	21.15 -0.06 -0.24	22.18 -0.07 -0.15	23.00 -0.16 0.00	24.29 0.00 0.00	25.67 0.10 0.00	28.61 -0.11 0.00	32.05 -0.06 0.00	29.53 -0.06 -0.12	28.91 -0.03 -0.06	27.15 0.08 0.00	23.96 0.24 0.00	21.77 0.30 0.00	19.89 0.37 0.00

RUSSELL___STATION 23914	18.41 0.15 -0.02	16.68 -0.07 -0.08	15.96 -0.03 -0.05	15.44 -0.05 -0.02	15.79 -0.11 -0.01	16.88 -0.05 0.00	19.46 0.15 0.00	20.19 -0.16 -0.10	20.84 0.00 -0.16	21.76 0.00 -0.09	21.02 -0.04 -0.24	21.15 -0.06 -0.24	22.18 -0.07 -0.15	23.00 -0.16 0.00	24.29 0.00 0.00	25.67 0.10 0.00	28.61 -0.11 0.00	32.05 -0.06 0.00	29.53 -0.06 -0.12	28.91 -0.03 -0.06	27.15 0.08 0.00	23.96 0.24 0.00	21.77 0.30 0.00	19.89 0.37 0.00
S SALMON___HYD 24043	18.29 0.04 -0.01	16.68 -0.03 -0.05	15.94 -0.03 -0.03	15.44 -0.03 -0.01	15.85 -0.05 -0.01	16.93 0.00 0.00	19.36 0.06 0.00	20.28 0.02 0.00	20.63 -0.04 0.00	21.58 -0.09 0.00	20.69 -0.12 0.00	20.85 -0.13 0.00	21.94 -0.15 0.00	22.95 -0.21 0.00	24.05 -0.24 0.00	25.29 -0.28 0.00	28.41 -0.32 0.00	31.82 -0.29 0.00	29.32 -0.15 0.00	28.82 -0.06 0.00	27.05 -0.03 0.00	23.72 0.00 0.00	21.40 -0.06 0.00	19.52 0.00 0.00
S.PERRY___115KV_TB1 80734	18.69 0.42 -0.03	16.93 0.15 -0.12	16.20 0.19 -0.07	15.71 0.22 -0.03	16.12 0.21 -0.02	17.25 0.32 0.00	19.90 0.60 0.00	20.68 0.28 -0.14	21.27 0.35 -0.24	21.98 0.17 -0.14	21.24 0.06 -0.36	21.35 0.02 -0.35	22.25 -0.07 -0.22	22.93 -0.23 0.00	24.29 0.00 0.00	25.69 0.13 0.00	28.78 0.06 0.00	32.24 0.13 0.00	30.00 0.35 -0.18	29.63 0.66 -0.09	27.89 0.81 0.00	24.62 0.90 0.00	22.35 0.88 0.00	20.40 0.88 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	17.89 -0.38 -0.03	16.12 -0.65 -0.11	15.46 -0.54 -0.06	15.02 -0.46 -0.03	15.40 -0.51 -0.02	16.47 -0.46 0.00	19.03 -0.27 0.00	19.56 -0.83 -0.13	20.31 -0.58 -0.22	21.19 -0.61 -0.13	20.54 -0.60 -0.33	20.67 -0.63 -0.32	21.61 -0.68 -0.20	22.30 -0.86 0.00	23.68 -0.61 0.00	24.98 -0.59 0.00	27.72 -1.01 0.00	30.96 -1.16 0.00	28.57 -1.06 -0.16	27.98 -0.98 -0.08	26.26 -0.81 0.00	23.32 -0.40 0.00	21.40 -0.06 0.00	19.66 0.14 0.00
SAWYER___23_KV_LOAD 55526	17.89 -0.38 -0.03	16.12 -0.65 -0.11	15.46 -0.54 -0.06	15.02 -0.46 -0.03	15.40 -0.51 -0.02	16.47 -0.46 0.00	19.03 -0.27 0.00	19.56 -0.83 -0.13	20.31 -0.58 -0.22	21.19 -0.61 -0.13	20.54 -0.60 -0.33	20.67 -0.63 -0.32	21.61 -0.68 -0.20	22.30 -0.86 0.00	23.68 -0.61 0.00	24.98 -0.59 0.00	27.72 -1.01 0.00	30.96 -1.16 0.00	28.57 -1.06 -0.16	27.98 -0.98 -0.08	26.26 -0.81 0.00	23.32 -0.40 0.00	21.40 -0.06 0.00	19.66 0.14 0.00
SELKIRK___I 23801	19.23 0.78 -0.20	18.15 0.68 -0.80	17.08 0.67 -0.47	16.33 0.66 -0.20	16.70 0.68 -0.13	17.62 0.69 0.00	20.03 0.75 0.02	20.40 0.79 0.65	21.08 0.81 0.40	20.37 0.84 0.14	21.31 0.79 0.30	21.43 0.82 0.36	21.51 0.86 1.44	21.96 0.90 2.10	23.20 0.95 2.04	25.18 0.95 1.34	27.12 1.06 2.66	30.36 1.15 2.91	28.64 1.03 1.86	30.75 1.04 -0.83	28.05 0.97 0.00	24.60 0.88 0.00	22.24 0.77 0.00	20.25 0.72 0.00
SELKIRK___II 23799	19.09 0.64 -0.21	18.02 0.55 -0.81	16.97 0.56 -0.47	16.21 0.54 -0.20	16.59 0.57 -0.13	17.48 0.56 0.00	19.89 0.62 0.03	20.06 0.67 0.86	20.68 0.68 0.67	19.84 0.74 2.56	20.84 0.69 0.66	20.95 0.71 0.73	21.01 0.75 1.84	21.59 0.81 2.38	22.83 0.85 2.31	24.92 0.87 1.51	26.65 0.95 3.02	29.84 1.03 3.30	28.08 0.88 2.27	30.61 0.87 -0.86	27.89 0.81 0.00	24.43 0.71 0.00	22.11 0.64 0.00	20.11 0.59 0.00
SENECA OSWGO___HYD 24041	18.13 -0.13 -0.01	16.54 -0.18 -0.05	15.80 -0.17 -0.03	15.31 -0.17 -0.01	15.73 -0.17 -0.01	16.76 -0.17 0.00	19.17 -0.13 0.00	20.03 -0.22 0.00	20.43 -0.25 0.00	21.36 -0.30 0.00	20.51 -0.31 0.00	20.66 -0.31 0.00	21.74 -0.35 0.00	22.77 -0.39 0.00	23.88 -0.41 0.00	25.18 -0.38 0.00	28.26 -0.46 0.00	31.63 -0.48 0.00	29.06 -0.41 0.00	28.48 -0.40 0.00	26.69 -0.38 0.00	23.41 -0.31 0.00	21.19 -0.28 0.00	19.37 -0.16 0.00
SENECA___115KV_TB3 355854	17.96 -0.31 -0.03	16.18 -0.60 -0.11	15.51 -0.49 -0.07	15.12 -0.37 -0.03	15.54 -0.37 -0.02	16.62 -0.30 0.00	19.22 -0.08 0.00	19.79 -0.61 -0.14	20.56 -0.35 -0.23	21.43 -0.37 -0.14	20.77 -0.40 -0.34	20.90 -0.42 -0.34	21.87 -0.44 -0.21	22.56 -0.60 0.00	23.98 -0.32 0.00	25.31 -0.26 0.00	28.09 -0.63 0.00	31.35 -0.77 0.00	28.91 -0.74 -0.17	28.30 -0.66 -0.08	26.59 -0.49 0.00	23.58 -0.14 0.00	21.64 0.17 0.00	19.85 0.33 0.00
SENECA___ENERGY 23797	18.23 -0.04 -0.02	16.60 -0.15 -0.09	15.85 -0.14 -0.05	15.36 -0.12 -0.02	15.79 -0.11 -0.01	16.88 -0.05 0.00	19.40 0.10 0.00	20.30 -0.06 -0.10	20.83 -0.02 -0.17	21.70 -0.06 -0.10	20.99 -0.08 -0.26	21.12 -0.10 -0.26	22.12 -0.13 -0.16	23.02 -0.14 0.00	24.19 -0.10 0.00	25.54 -0.03 0.00	28.66 -0.06 0.00	32.08 -0.03 0.00	29.63 0.03 -0.13	29.00 0.06 -0.06	27.13 0.05 0.00	23.79 0.07 0.00	21.53 0.06 0.00	19.66 0.14 0.00
SHOEMAKER___GT 23640	19.24 0.84 -0.15	18.00 0.73 -0.60	16.98 0.68 -0.35	16.28 0.66 -0.15	16.67 0.68 -0.10	17.65 0.73 0.00	20.13 0.83 0.00	21.95 0.95 -0.74	22.90 0.99 -1.23	23.44 1.06 -0.72	23.68 1.04 -1.83	23.86 1.07 -1.82	24.37 1.15 -1.13	24.46 1.30 0.00	25.65 1.36 0.00	27.02 1.46 0.00	30.36 1.64 0.00	33.91 1.80 0.00	31.91 1.53 -0.91	30.77 1.44 -0.44	28.40 1.33 0.00	24.86 1.14 0.00	22.54 1.07 0.00	20.38 0.86 0.00
SHOEMAKR_138KV_BK 111 55601	19.22 0.82 -0.15	17.98 0.72 -0.60	16.96 0.67 -0.35	16.26 0.65 -0.15	16.66 0.67 -0.10	17.64 0.71 0.00	20.11 0.81 0.00	21.92 0.93 -0.73	22.89 0.99 -1.22	23.44 1.06 -0.71	23.67 1.04 -1.82	23.85 1.07 -1.80	24.34 1.13 -1.12	24.53 1.37 0.00	25.67 1.38 0.00	27.02 1.46 0.00	30.39 1.67 0.00	33.98 1.86 0.00	31.97 1.59 -0.91	30.79 1.47 -0.44	28.40 1.33 0.00	24.84 1.11 0.00	22.52 1.05 0.00	20.36 0.84 0.00
SHOREHAM_IC_1 23715	29.39 1.19 -9.96	29.32 1.03 -11.62	20.39 0.99 -3.46	19.90 0.94 -3.49	20.94 0.97 -4.08	19.99 1.02 -2.05	29.29 1.20 -8.79	29.79 1.38 -8.16	29.84 1.55 -7.62	30.38 1.65 -7.07	30.48 1.54 -8.12	28.29 1.53 -5.79	28.34 1.61 -4.63	34.74 1.85 -9.73	34.65 1.94 -8.42	41.70 2.12 -14.01	45.67 2.38 -14.57	51.02 2.66 -16.24	52.80 2.30 -21.03	40.16 2.11 -9.17	37.93 1.98 -8.88	32.60 1.61 -7.26	27.71 1.59 -4.65	26.77 1.31 -5.94
SHOREHAM_IC_2 23716	29.39 1.19 -9.96	29.32 1.03 -11.62	20.39 0.99 -3.46	19.90 0.94 -3.49	20.94 0.97 -4.08	19.99 1.02 -2.05	29.29 1.20 -8.79	29.79 1.38 -8.16	29.84 1.55 -7.62	30.38 1.65 -7.07	30.48 1.54 -8.12	28.29 1.53 -5.79	28.34 1.61 -4.63	34.74 1.85 -9.73	34.65 1.94 -8.42	41.70 2.12 -14.01	45.67 2.38 -14.57	51.02 2.66 -16.24	52.80 2.30 -21.03	40.16 2.11 -9.17	37.93 1.98 -8.88	32.60 1.61 -7.26	27.71 1.59 -4.65	26.77 1.31 -5.94
SISSONVILLE___ 23735	18.15 -0.09 0.00	16.68 0.02 0.00	15.94 0.00 0.00	15.46 0.00 0.00	15.91 0.02 0.00	16.98 0.05 0.00	19.28 -0.02 0.00	20.50 0.24 0.00	20.88 0.21 0.00	21.90 0.24 0.00	21.00 0.19 0.00	21.12 0.15 0.00	22.25 0.15 0.00	23.28 0.12 0.00	24.44 0.15 0.00	25.67 0.10 0.00	28.75 0.03 0.00	31.73 -0.39 0.00	29.41 -0.06 0.00	28.85 -0.03 0.00	27.45 0.38 0.00	24.08 0.36 0.00	21.60 0.13 0.00	19.52 0.00 0.00

SITHE_IND_GS1 24169	17.89 -0.36 -0.01	16.33 -0.38 -0.04	15.60 -0.37 -0.03	15.12 -0.36 -0.01	15.53 -0.36 -0.01	16.55 -0.37 0.00	18.92 -0.39 0.00	19.75 -0.51 0.00	20.14 -0.54 0.00	21.08 -0.58 0.00	20.23 -0.58 0.00	20.39 -0.59 0.00	21.45 -0.64 0.00	22.47 -0.69 0.00	23.54 -0.75 0.00	24.80 -0.77 0.00	27.86 -0.86 0.00	31.15 -0.96 0.00	28.61 -0.86 0.00	28.04 -0.84 0.00	26.29 -0.79 0.00	23.06 -0.66 0.00	20.89 -0.58 0.00	19.11 -0.41 0.00
SITHE_IND_GS2 24170	17.89 -0.36 -0.01	16.33 -0.38 -0.04	15.60 -0.37 -0.03	15.12 -0.36 -0.01	15.53 -0.36 -0.01	16.55 -0.37 0.00	18.92 -0.39 0.00	19.75 -0.51 0.00	20.14 -0.54 0.00	21.08 -0.58 0.00	20.23 -0.58 0.00	20.39 -0.59 0.00	21.45 -0.64 0.00	22.47 -0.69 0.00	23.54 -0.75 0.00	24.80 -0.77 0.00	27.86 -0.86 0.00	31.15 -0.96 0.00	28.61 -0.86 0.00	28.04 -0.84 0.00	26.29 -0.79 0.00	23.06 -0.66 0.00	20.89 -0.58 0.00	19.11 -0.41 0.00
SITHE_IND_GS3 24171	17.89 -0.36 -0.01	16.33 -0.38 -0.04	15.60 -0.37 -0.03	15.12 -0.36 -0.01	15.53 -0.36 -0.01	16.55 -0.37 0.00	18.92 -0.39 0.00	19.75 -0.51 0.00	20.14 -0.54 0.00	21.08 -0.58 0.00	20.23 -0.58 0.00	20.39 -0.59 0.00	21.45 -0.64 0.00	22.47 -0.69 0.00	23.54 -0.75 0.00	24.80 -0.77 0.00	27.86 -0.86 0.00	31.15 -0.96 0.00	28.61 -0.86 0.00	28.04 -0.84 0.00	26.29 -0.79 0.00	23.06 -0.66 0.00	20.89 -0.58 0.00	19.11 -0.41 0.00
SITHE_IND_GS4 24172	17.89 -0.36 -0.01	16.33 -0.38 -0.04	15.60 -0.37 -0.03	15.12 -0.36 -0.01	15.53 -0.36 -0.01	16.55 -0.37 0.00	18.92 -0.39 0.00	19.75 -0.51 0.00	20.14 -0.54 0.00	21.08 -0.58 0.00	20.23 -0.58 0.00	20.39 -0.59 0.00	21.45 -0.64 0.00	22.47 -0.69 0.00	23.54 -0.75 0.00	24.80 -0.77 0.00	27.86 -0.86 0.00	31.15 -0.96 0.00	28.61 -0.86 0.00	28.04 -0.84 0.00	26.29 -0.79 0.00	23.06 -0.66 0.00	20.89 -0.58 0.00	19.11 -0.41 0.00
SITHE___BATAVIA 24024	18.41 0.15 -0.02	16.61 -0.15 -0.09	15.93 -0.06 -0.06	15.44 -0.05 -0.02	15.81 -0.09 -0.02	16.91 -0.02 0.00	19.51 0.21 0.00	20.09 -0.28 -0.12	20.83 -0.04 -0.19	21.69 -0.09 -0.11	20.96 -0.14 -0.29	21.03 -0.23 -0.28	22.03 -0.24 -0.18	22.98 -0.19 0.00	24.15 -0.14 0.00	25.52 -0.05 0.00	28.61 -0.11 0.00	31.93 -0.19 0.00	29.70 0.09 -0.14	29.01 0.06 -0.07	27.18 0.11 0.00	24.01 0.29 0.00	21.92 0.45 0.00	20.05 0.53 0.00
SITHE___INDEPEND 23800	17.89 -0.36 -0.01	16.32 -0.38 -0.04	15.60 -0.37 -0.03	15.12 -0.36 -0.01	15.53 -0.37 -0.01	16.55 -0.37 0.00	18.92 -0.39 0.00	19.75 -0.51 0.00	20.14 -0.54 0.00	21.08 -0.58 0.00	20.23 -0.58 0.00	20.39 -0.59 0.00	21.48 -0.62 0.00	22.42 -0.74 0.00	23.56 -0.73 0.00	24.80 -0.77 0.00	27.86 -0.86 0.00	31.15 -0.96 0.00	28.56 -0.91 0.00	28.02 -0.87 0.00	26.29 -0.79 0.00	23.06 -0.66 0.00	20.89 -0.58 0.00	19.11 -0.41 0.00
SITHE___MASSENA 23902	18.06 -0.18 0.00	16.60 -0.07 0.00	15.86 -0.08 0.00	15.38 -0.08 0.00	15.83 -0.06 0.00	16.84 -0.08 0.00	19.13 -0.17 0.00	20.18 -0.08 0.00	20.59 -0.08 0.00	21.60 -0.06 0.00	20.73 -0.08 0.00	20.87 -0.10 0.00	21.98 -0.11 0.00	23.05 -0.12 0.00	24.17 -0.12 0.00	25.39 -0.18 0.00	28.55 -0.17 0.00	31.92 -0.19 0.00	29.38 -0.09 0.00	28.80 -0.09 0.00	27.07 0.00 0.00	23.65 -0.07 0.00	21.36 -0.11 0.00	19.33 -0.20 0.00
SITHE___OGDNSBRG 24021	18.28 0.04 0.00	16.80 0.13 0.00	16.05 0.11 0.00	15.55 0.09 0.00	16.00 0.11 0.00	17.08 0.15 0.00	19.40 0.10 0.00	20.54 0.28 0.00	20.94 0.27 0.00	21.95 0.28 0.00	21.05 0.23 0.00	21.16 0.19 0.00	22.29 0.20 0.00	23.30 0.14 0.00	24.46 0.17 0.00	25.69 0.13 0.00	28.89 0.17 0.00	32.11 0.00 0.00	29.76 0.29 0.00	29.23 0.35 0.00	27.59 0.51 0.00	24.12 0.40 0.00	21.64 0.17 0.00	19.52 0.00 0.00
SITHE___STERLING 23777	18.65 0.40 -0.01	17.02 0.32 -0.04	16.25 0.29 -0.02	15.76 0.29 -0.01	16.20 0.30 -0.01	17.30 0.37 0.00	19.76 0.46 0.00	20.74 0.49 0.00	21.13 0.45 0.00	22.12 0.46 0.00	21.21 0.39 0.00	21.33 0.36 0.00	22.49 0.40 0.00	23.51 0.35 0.00	24.73 0.44 0.00	26.03 0.46 0.00	29.35 0.63 0.00	32.92 0.80 0.00	30.32 0.86 0.00	29.75 0.87 0.00	27.91 0.84 0.00	24.38 0.66 0.00	21.92 0.45 0.00	19.95 0.43 0.00
SLEIGHT__34_KV_TB1 80719	18.70 0.44 -0.02	17.03 0.28 -0.08	16.24 0.26 -0.05	15.73 0.25 -0.02	16.17 0.27 -0.01	17.28 0.36 0.00	19.86 0.56 0.00	20.82 0.47 -0.10	21.35 0.52 -0.16	22.23 0.48 -0.09	21.45 0.40 -0.24	21.59 0.38 -0.24	22.64 0.40 -0.15	23.53 0.37 0.00	24.78 0.49 0.00	26.18 0.61 0.00	29.44 0.72 0.00	32.85 0.74 0.00	30.24 0.65 -0.12	29.63 0.69 -0.06	27.78 0.70 0.00	24.34 0.62 0.00	21.98 0.52 0.00	20.03 0.51 0.00
SOUTH CAIRO___GT 23612	19.66 1.22 -0.19	18.37 0.93 -0.77	17.33 0.94 -0.45	16.66 1.00 -0.19	17.07 1.05 -0.13	18.04 1.12 0.00	20.55 1.27 0.02	21.02 1.44 0.67	21.66 1.47 0.48	20.97 1.45 2.15	21.71 1.31 0.42	21.84 1.34 0.48	21.97 1.37 1.49	22.60 1.50 2.06	23.85 1.56 2.00	25.89 1.64 1.31	27.98 1.87 2.61	31.35 2.09 2.85	29.65 2.06 1.88	31.40 1.73 -0.78	28.73 1.65 0.00	25.26 1.54 0.00	22.69 1.22 0.00	20.58 1.05 0.00
SOUTH HAMPTN___IC 23720	29.79 1.59 -9.96	29.67 1.38 -11.62	20.72 1.32 -3.46	20.22 1.27 -3.49	21.28 1.30 -4.08	20.36 1.39 -2.05	29.71 1.62 -8.79	30.26 1.84 -8.16	30.34 2.05 -7.62	30.92 2.19 -7.07	31.04 2.10 -8.12	28.86 2.10 -5.79	28.91 2.19 -4.63	35.37 2.48 -9.73	35.31 2.60 -8.42	42.39 2.81 -14.01	46.45 3.16 -14.57	51.89 3.53 -16.24	53.59 3.09 -21.03	40.91 2.86 -9.17	38.61 2.65 -8.88	33.16 2.18 -7.26	28.20 2.08 -4.65	27.22 1.76 -5.94
SOUTHDOW__115KV_TB1 355954	18.24 -0.04 -0.03	16.37 -0.42 -0.12	15.68 -0.33 -0.07	15.35 -0.14 -0.03	15.86 -0.05 -0.02	17.04 0.12 0.00	19.76 0.46 0.00	20.57 0.16 -0.15	21.37 0.43 -0.26	22.31 0.50 -0.15	21.64 0.44 -0.38	21.77 0.42 -0.38	22.84 0.51 -0.24	23.56 0.39 0.00	24.97 0.68 0.00	26.39 0.82 0.00	29.07 0.34 0.00	32.24 0.13 0.00	29.78 0.12 -0.19	29.18 0.20 -0.09	27.26 0.19 0.00	24.22 0.50 0.00	22.15 0.69 0.00	20.28 0.76 0.00
SOUTHOLD_69_KV_BK 2 55809	30.12 1.92 -9.96	29.97 1.68 -11.62	21.01 1.61 -3.46	20.52 1.56 -3.49	21.58 1.61 -4.08	20.67 1.69 -2.05	30.08 1.99 -8.79	30.66 2.25 -8.16	30.77 2.48 -7.62	31.37 2.64 -7.07	31.52 2.58 -8.12	29.34 2.58 -5.79	29.40 2.67 -4.63	36.02 3.13 -9.73	35.94 3.23 -8.42	43.00 3.43 -14.01	47.14 3.85 -14.57	52.69 4.34 -16.24	54.30 3.80 -21.03	41.63 3.58 -9.17	39.18 3.22 -8.89	33.52 2.54 -7.26	28.65 2.53 -4.65	27.59 2.13 -5.94
SOUTHOLD___IC 23719	30.12 1.92 -9.96	29.97 1.68 -11.62	21.01 1.61 -3.46	20.52 1.56 -3.49	21.58 1.60 -4.08	20.67 1.69 -2.05	30.08 1.99 -8.79	30.66 2.25 -8.16	30.79 2.50 -7.62	31.37 2.64 -7.07	31.52 2.58 -8.12	29.34 2.58 -5.79	29.42 2.69 -4.63	35.92 3.03 -9.73	35.89 3.18 -8.42	43.05 3.48 -14.01	47.22 3.94 -14.57	52.76 4.40 -16.24	54.39 3.89 -21.03	41.66 3.61 -9.17	39.26 3.30 -8.88	33.71 2.73 -7.26	28.67 2.55 -4.65	27.61 2.15 -5.94

SPIERFLS_115KV_TB 1 80737	20.19 1.73 -0.21	18.97 1.47 -0.84	17.82 1.39 -0.49	17.04 1.36 -0.21	17.44 1.41 -0.14	18.47 1.54 0.00	21.08 1.76 -0.03	26.80 1.86 -4.68	29.67 1.90 -7.10	29.74 1.91 -6.17	32.88 1.85 -10.21	33.04 1.85 -10.22	31.57 1.83 -7.65	26.78 1.39 -2.23	27.69 1.24 -2.16	28.47 1.48 -1.42	33.27 1.72 -2.83	37.45 2.25 -3.09	38.53 2.15 -6.91	32.45 2.11 -1.46	29.05 1.98 0.00	26.02 2.30 0.00	23.38 1.91 0.00	21.18 1.66 0.00
ST LAWRENCE____ 23600	17.86 -0.38 0.00	16.40 -0.27 0.00	15.68 -0.26 0.00	15.21 -0.25 0.00	15.64 -0.25 0.00	16.65 -0.27 0.00	18.92 -0.39 0.00	19.95 -0.30 0.00	20.36 -0.31 0.00	21.36 -0.30 0.00	20.51 -0.31 0.00	20.66 -0.31 0.00	21.76 -0.33 0.00	22.81 -0.35 0.00	23.93 -0.36 0.00	25.13 -0.43 0.00	28.29 -0.43 0.00	31.63 -0.48 0.00	29.09 -0.38 0.00	28.51 -0.38 0.00	26.75 -0.32 0.00	23.41 -0.31 0.00	21.15 -0.32 0.00	19.15 -0.37 0.00
STATE_CA_115KV_115_LB 55624	19.15 0.69 -0.21	18.05 0.57 -0.82	17.01 0.59 -0.48	16.26 0.59 -0.21	16.63 0.60 -0.13	17.52 0.59 0.00	19.91 0.64 0.03	20.31 0.71 0.65	23.31 0.87 -1.76	22.39 0.93 0.20	24.50 0.87 -2.81	24.60 0.88 -2.75	23.96 0.95 -0.92	22.84 1.04 1.36	24.04 1.07 1.32	25.78 1.07 0.87	28.23 1.24 1.72	31.64 1.41 1.88	31.03 1.27 -0.30	31.37 1.24 -1.24	28.21 1.14 0.00	24.69 0.97 0.00	22.26 0.79 0.00	20.23 0.70 0.00
STATE_ST_34_KV_LOAD 55959	18.57 0.31 -0.02	16.95 0.20 -0.09	16.17 0.18 -0.05	15.67 0.19 -0.02	16.11 0.21 -0.01	17.18 0.25 0.00	19.71 0.41 0.00	20.64 0.28 -0.10	21.16 0.31 -0.17	22.02 0.26 -0.10	21.30 0.23 -0.25	21.44 0.21 -0.25	22.45 0.20 -0.16	23.35 0.19 0.00	24.58 0.29 0.00	25.92 0.36 0.00	29.18 0.46 0.00	32.63 0.51 0.00	30.01 0.41 -0.13	29.38 0.43 -0.06	27.53 0.46 0.00	24.10 0.38 0.00	21.81 0.34 0.00	19.89 0.37 0.00
STATION 5_MISC_HYD 23604	18.30 0.04 -0.02	16.60 -0.15 -0.08	15.88 -0.11 -0.05	15.36 -0.12 -0.02	15.71 -0.19 -0.01	16.79 -0.14 0.00	19.36 0.06 0.00	20.07 -0.28 -0.10	20.71 -0.12 -0.16	21.63 -0.13 -0.09	20.89 -0.17 -0.24	21.02 -0.19 -0.24	22.02 -0.22 -0.15	23.00 -0.16 0.00	24.12 -0.17 0.00	25.46 -0.10 0.00	28.58 -0.14 0.00	31.89 -0.22 0.00	29.53 -0.06 -0.12	28.85 -0.09 -0.06	27.02 -0.05 0.00	23.79 0.07 0.00	21.64 0.17 0.00	19.80 0.27 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	18.32 0.05 -0.02	16.65 -0.10 -0.08	15.91 -0.08 -0.05	15.41 -0.08 -0.02	15.79 -0.11 -0.01	16.88 -0.05 0.00	19.44 0.14 0.00	20.27 -0.08 -0.10	20.86 0.02 -0.16	21.76 0.00 -0.09	21.02 -0.04 -0.24	21.15 -0.06 -0.24	22.18 -0.07 -0.15	23.00 -0.16 0.00	24.27 -0.02 0.00	25.64 0.08 0.00	28.66 -0.06 0.00	32.11 0.00 0.00	29.56 -0.03 -0.12	28.97 0.03 -0.06	27.18 0.11 0.00	23.91 0.19 0.00	21.66 0.19 0.00	19.78 0.25 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	18.19 -0.07 -0.02	16.51 -0.23 -0.08	15.78 -0.21 -0.05	15.27 -0.22 -0.02	15.62 -0.29 -0.01	16.69 -0.24 0.00	19.24 -0.06 0.00	19.99 -0.36 -0.10	20.63 -0.21 -0.16	21.54 -0.22 -0.09	20.80 -0.25 -0.24	20.92 -0.29 -0.24	21.95 -0.29 -0.15	22.77 -0.39 0.00	24.02 -0.27 0.00	25.39 -0.18 0.00	28.32 -0.40 0.00	31.70 -0.42 0.00	29.18 -0.41 -0.12	28.59 -0.35 -0.06	26.83 -0.24 0.00	23.67 -0.05 0.00	21.49 0.02 0.00	19.64 0.12 0.00
STA_56____34_KV_BUS2 355983	18.19 -0.07 -0.02	16.51 -0.23 -0.08	15.78 -0.21 -0.05	15.27 -0.22 -0.02	15.62 -0.29 -0.01	16.69 -0.24 0.00	19.24 -0.06 0.00	19.99 -0.36 -0.10	20.63 -0.21 -0.16	21.54 -0.22 -0.09	20.80 -0.25 -0.24	20.92 -0.29 -0.24	21.95 -0.29 -0.15	22.77 -0.39 0.00	24.02 -0.27 0.00	25.39 -0.18 0.00	28.32 -0.40 0.00	31.70 -0.42 0.00	29.18 -0.41 -0.12	28.59 -0.35 -0.06	26.83 -0.24 0.00	23.67 -0.05 0.00	21.49 0.02 0.00	19.64 0.12 0.00
STA_67____115KV_BK2 355882	18.26 0.00 -0.02	16.56 -0.18 -0.08	15.84 -0.14 -0.05	15.33 -0.15 -0.02	15.68 -0.22 -0.01	16.76 -0.17 0.00	19.30 0.00 0.00	20.03 -0.32 -0.10	20.67 -0.17 -0.16	21.58 -0.17 -0.09	20.85 -0.21 -0.24	20.98 -0.23 -0.24	21.98 -0.27 -0.15	22.79 -0.37 0.00	24.07 -0.22 0.00	25.44 -0.13 0.00	28.35 -0.37 0.00	31.73 -0.39 0.00	29.24 -0.35 -0.12	28.65 -0.29 -0.06	26.91 -0.16 0.00	23.72 0.00 0.00	21.57 0.11 0.00	19.74 0.21 0.00
STA_7____115KV_9TRANS 80674	18.41 0.15 -0.02	16.68 -0.07 -0.08	15.96 -0.03 -0.05	15.44 -0.05 -0.02	15.79 -0.11 -0.01	16.88 -0.05 0.00	19.46 0.15 0.00	20.19 -0.16 -0.10	20.84 0.00 -0.16	21.76 0.00 -0.09	21.02 -0.04 -0.24	21.15 -0.06 -0.24	22.18 -0.07 -0.15	23.00 -0.16 0.00	24.29 0.00 0.00	25.67 0.10 0.00	28.61 -0.11 0.00	32.05 -0.06 -0.12	29.53 -0.06 -0.06	28.91 -0.03 -0.06	27.15 0.08 0.00	23.96 0.24 0.00	21.77 0.30 0.00	19.89 0.37 0.00
STA_82____115KV_TB1 80780	18.26 0.00 -0.02	16.58 -0.17 -0.08	15.86 -0.13 -0.05	15.33 -0.15 -0.02	15.68 -0.22 -0.01	16.76 -0.17 0.00	19.32 0.02 0.00	20.05 -0.30 -0.10	20.69 -0.14 -0.16	21.59 -0.17 -0.09	20.85 -0.21 -0.24	20.98 -0.23 -0.24	22.00 -0.24 -0.15	22.81 -0.35 0.00	24.10 -0.19 0.00	25.44 -0.13 0.00	28.38 -0.34 0.00	31.76 -0.35 0.00	29.27 -0.32 -0.12	28.68 -0.26 -0.06	26.91 -0.16 0.00	23.75 0.02 0.00	21.60 0.13 0.00	19.76 0.23 0.00
STEEL____WIND 323596	17.96 -0.31 -0.03	16.16 -0.62 -0.11	15.49 -0.51 -0.07	15.12 -0.37 -0.03	15.53 -0.38 -0.02	16.62 -0.30 0.00	19.21 -0.10 0.00	19.75 -0.65 -0.14	20.54 -0.37 -0.23	21.41 -0.39 -0.14	20.75 -0.42 -0.34	20.87 -0.44 -0.34	21.82 -0.49 -0.21	22.75 -0.42 0.00	23.90 -0.39 0.00	25.24 -0.33 0.00	28.21 -0.52 0.00	31.44 -0.68 0.00	29.23 -0.41 -0.17	28.48 -0.49 -0.08	26.64 -0.43 0.00	23.56 -0.16 0.00	21.62 0.15 0.00	19.83 0.31 0.00
STEPHTWN_115KV_BK_2 55603	19.25 0.80 -0.21	18.14 0.67 -0.81	17.08 0.67 -0.47	16.33 0.66 -0.21	16.71 0.68 -0.13	17.62 0.69 0.00	20.03 0.77 0.04	19.20 0.85 1.91	19.48 0.87 2.06	18.07 0.93 4.52	19.13 0.85 2.54	19.21 0.88 2.64	19.28 0.95 3.76	20.55 1.04 3.66	21.86 1.12 3.54	24.42 1.18 2.32	25.44 1.35 4.63	28.60 1.54 5.06	26.65 1.41 4.24	31.19 1.36 -0.95	28.32 1.25 0.00	24.79 1.07 0.00	22.37 0.90 0.00	20.30 0.78 0.00
STEBEN_REC_LFGE 323667	18.39 0.11 -0.04	16.66 -0.15 -0.14	15.91 -0.11 -0.08	15.51 0.02 -0.04	15.98 0.06 -0.02	17.13 0.20 0.00	19.78 0.48 0.00	20.64 0.20 -0.19	21.34 0.35 -0.31	22.15 0.30 -0.18	21.53 0.25 -0.46	21.62 0.19 -0.46	22.58 0.20 -0.28	23.25 0.09 0.00	24.63 0.34 0.00	26.05 0.49 0.00	29.15 0.43 0.00	32.53 0.42 0.00	30.11 0.41 -0.23	29.51 0.52 -0.11	27.62 0.54 0.00	24.36 0.64 0.00	22.13 0.67 0.00	20.23 0.70 0.00
STONY____BROOK 24151	29.68 1.48 -9.96	29.59 1.30 -11.62	20.63 1.23 -3.46	20.14 1.19 -3.49	21.20 1.22 -4.08	20.28 1.30 -2.05	29.61 1.52 -8.79	30.13 1.72 -8.16	30.17 1.88 -7.62	30.72 1.99 -7.07	30.81 1.87 -8.12	28.65 1.89 -5.79	28.69 1.97 -4.63	35.09 2.20 -9.73	35.04 2.33 -8.42	42.11 2.53 -14.01	45.93 2.64 -14.57	51.28 2.92 -16.24	53.00 2.50 -21.03	40.36 2.31 -9.17	38.29 2.33 -8.88	32.93 1.95 -7.26	28.01 1.89 -4.65	27.06 1.60 -5.94

STURGEON_POOL_HYD 23609	19.33 0.91 -0.17	18.06 0.72 -0.68	17.00 0.67 -0.39	16.36 0.73 -0.17	16.75 0.75 -0.11	17.69 0.76 0.00	20.22 0.93 0.01	21.81 1.11 -0.44	22.72 1.18 -0.87	22.97 1.26 -0.05	23.45 1.27 -1.36	23.59 1.28 -1.34	24.00 1.37 -0.54	24.35 1.69 0.50	25.53 1.72 0.49	27.09 1.84 0.32	30.18 2.10 0.64	33.76 2.34 0.70	31.74 2.00 -0.27	30.99 1.56 -0.54	28.56 1.49 0.00	24.93 1.21 0.00	22.63 1.16 0.00	20.46 0.94 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	19.26 0.86 -0.16	18.03 0.75 -0.61	16.98 0.69 -0.36	16.28 0.66 -0.16	16.69 0.70 -0.10	17.67 0.74 0.00	20.17 0.87 0.00	22.02 1.01 -0.76	22.99 1.05 -1.26	23.55 1.15 -0.74	23.83 1.14 -1.87	24.00 1.17 -1.86	24.51 1.26 -1.15	24.67 1.51 0.00	25.84 1.55 0.00	27.20 1.64 0.00	30.56 1.84 0.00	34.17 2.06 0.00	32.11 1.71 -0.93	30.89 1.56 -0.45	28.51 1.43 0.00	24.91 1.19 0.00	22.60 1.14 0.00	20.40 0.88 0.00
SWANROAD_115KV_TB1 355699	17.72 -0.55 -0.03	15.97 -0.80 -0.10	15.36 -0.64 -0.06	14.92 -0.57 -0.03	15.26 -0.65 -0.02	16.27 -0.66 0.00	18.66 -0.64 0.00	19.13 -1.26 -0.13	19.89 -0.99 -0.21	20.73 -1.06 -0.12	20.09 -1.04 -0.31	20.19 -1.09 -0.31	21.12 -1.17 -0.19	21.80 -1.37 0.00	23.13 -1.17 0.00	24.39 -1.18 0.00	27.06 -1.67 0.00	30.22 -1.89 0.00	27.89 -1.74 -0.16	27.34 -1.62 -0.08	25.69 -1.38 0.00	22.82 -0.90 0.00	20.97 -0.49 0.00	19.29 -0.23 0.00
SYNERGY___BIOGAS 323694	18.41 0.15 -0.02	16.61 -0.15 -0.09	15.93 -0.06 -0.06	15.44 -0.05 -0.02	15.81 -0.09 -0.02	16.91 -0.02 0.00	19.51 0.21 0.00	20.09 -0.28 -0.12	20.83 -0.04 -0.19	21.69 -0.09 -0.11	20.96 -0.14 -0.29	21.03 -0.23 -0.28	22.03 -0.24 -0.18	22.98 -0.19 0.00	24.15 -0.14 0.00	25.52 -0.05 0.00	28.61 -0.11 0.00	31.93 -0.19 0.00	29.70 0.09 -0.14	29.01 0.06 -0.07	27.18 0.11 0.00	24.01 0.29 0.00	21.92 0.45 0.00	20.05 0.53 0.00
SYRACUSE___ENERGY_ST1 323597	18.30 0.04 -0.02	16.70 -0.03 -0.07	15.95 -0.03 -0.04	15.45 -0.03 -0.02	15.87 -0.03 -0.01	16.91 -0.02 0.00	19.38 0.08 0.00	20.31 -0.02 -0.08	20.78 -0.02 -0.13	21.65 -0.09 -0.08	20.91 -0.10 -0.19	21.06 -0.10 -0.19	22.10 -0.11 -0.12	23.00 -0.16 0.00	24.19 -0.10 0.00	25.52 -0.05 0.00	28.69 -0.03 0.00	32.02 -0.10 0.00	29.48 -0.09 -0.10	28.84 -0.09 -0.05	27.02 -0.05 0.00	23.67 -0.05 0.00	21.42 -0.04 0.00	19.58 0.06 0.00
SYRACUSE___ENERGY_ST2 323598	18.30 0.04 -0.02	16.70 -0.03 -0.07	15.95 -0.03 -0.04	15.45 -0.03 -0.02	15.87 -0.03 -0.01	16.91 -0.02 0.00	19.38 0.08 0.00	20.31 -0.02 -0.08	20.78 -0.02 -0.13	21.65 -0.09 -0.08	20.91 -0.10 -0.19	21.06 -0.10 -0.19	22.10 -0.11 -0.12	23.00 -0.16 0.00	24.19 -0.10 0.00	25.52 -0.05 0.00	28.69 -0.03 0.00	32.02 -0.10 0.00	29.48 -0.09 -0.10	28.84 -0.09 -0.05	27.02 -0.05 0.00	23.67 -0.05 0.00	21.42 -0.04 0.00	19.58 0.06 0.00
SYRACUSE___POWER 24017	18.26 0.00 -0.02	16.67 -0.07 -0.07	15.90 -0.08 -0.04	15.42 -0.06 -0.02	15.84 -0.06 -0.01	16.88 -0.05 0.00	19.32 0.02 0.00	20.28 -0.06 -0.08	20.75 -0.06 -0.14	21.64 -0.11 -0.08	20.92 -0.10 -0.20	21.07 -0.10 -0.20	22.09 -0.13 -0.13	23.00 -0.16 0.00	24.17 -0.12 0.00	25.46 -0.10 0.00	28.64 -0.09 0.00	31.99 -0.13 0.00	29.42 -0.15 -0.10	28.82 -0.12 -0.05	26.97 -0.11 0.00	23.65 -0.07 0.00	21.40 -0.06 0.00	19.54 0.02 0.00
TALLMAN__138KV_BK151 55660	19.37 0.97 -0.16	18.13 0.83 -0.63	17.09 0.78 -0.37	16.38 0.76 -0.16	16.79 0.79 -0.10	17.76 0.83 0.00	20.29 0.98 0.00	22.19 1.15 -0.78	23.19 1.22 -1.29	23.76 1.34 -0.76	24.07 1.33 -1.92	24.24 1.36 -1.91	24.74 1.46 -1.18	24.90 1.74 0.00	26.09 1.80 0.00	27.46 1.89 0.00	30.82 2.10 0.00	34.46 2.34 0.00	32.40 1.97 -0.96	31.14 1.79 -0.46	28.73 1.65 0.00	25.10 1.38 0.00	22.78 1.31 0.00	20.52 1.00 0.00
TEALLAVE_115KV_TB7 355573	18.20 -0.05 -0.02	16.61 -0.12 -0.06	15.86 -0.11 -0.04	15.37 -0.11 -0.02	15.79 -0.11 -0.01	16.84 -0.08 0.00	19.28 -0.02 0.00	20.20 -0.12 -0.07	20.66 -0.12 -0.11	21.55 -0.17 -0.06	20.81 -0.17 -0.16	20.97 -0.17 -0.16	22.02 -0.18 -0.10	22.91 -0.25 0.00	24.07 -0.22 0.00	25.39 -0.18 0.00	28.52 -0.20 0.00	31.86 -0.26 0.00	29.29 -0.27 -0.08	28.69 -0.23 -0.04	26.86 -0.22 0.00	23.56 -0.17 0.00	21.32 -0.15 0.00	19.48 -0.04 0.00
TELGRAPH_34_KV_EAST 80808	18.14 -0.13 -0.02	16.36 -0.40 -0.10	15.71 -0.29 -0.06	15.24 -0.25 -0.02	15.61 -0.30 -0.02	16.67 -0.25 0.00	19.22 -0.08 0.00	19.75 -0.63 -0.12	20.50 -0.37 -0.20	21.37 -0.41 -0.12	20.68 -0.44 -0.30	20.76 -0.50 -0.29	21.75 -0.53 -0.18	22.47 -0.69 0.00	23.83 -0.46 0.00	25.19 -0.38 0.00	27.95 -0.78 0.00	31.28 -0.83 0.00	28.85 -0.77 -0.15	28.29 -0.66 -0.07	26.62 -0.46 0.00	23.58 -0.14 0.00	21.57 0.11 0.00	19.80 0.27 0.00
TEMPLE___115KV_TB 2 55572	18.22 -0.04 -0.02	16.63 -0.10 -0.06	15.88 -0.10 -0.04	15.38 -0.09 -0.02	15.81 -0.10 -0.01	16.84 -0.08 0.00	19.28 -0.02 0.00	20.22 -0.10 -0.07	20.68 -0.10 -0.11	21.58 -0.15 -0.07	20.84 -0.15 -0.17	20.99 -0.15 -0.16	22.02 -0.18 -0.10	22.93 -0.23 0.00	24.10 -0.19 0.00	25.41 -0.15 0.00	28.55 -0.17 0.00	31.89 -0.22 0.00	29.32 -0.24 -0.08	28.69 -0.23 -0.04	26.88 -0.19 0.00	23.58 -0.14 0.00	21.34 -0.13 0.00	19.50 -0.02 0.00
TIANA____69_KV_BK 1 55817	29.68 1.48 -9.96	29.57 1.28 -11.62	20.63 1.23 -3.46	20.13 1.18 -3.49	21.18 1.21 -4.08	20.26 1.29 -2.05	29.60 1.51 -8.79	30.13 1.72 -8.16	30.20 1.90 -7.62	30.77 2.04 -7.07	30.89 1.96 -8.12	28.71 1.95 -5.79	28.74 2.01 -4.63	35.30 2.41 -9.73	35.19 2.48 -8.42	42.18 2.61 -14.01	46.13 2.84 -14.57	51.60 3.24 -16.24	53.30 2.80 -21.03	40.68 2.63 -9.17	38.34 2.38 -8.89	32.83 1.85 -7.26	28.05 1.93 -4.65	27.08 1.62 -5.94
TILDEN___115KV_TB1 80814	18.26 0.00 -0.02	16.67 -0.07 -0.07	15.90 -0.08 -0.04	15.42 -0.06 -0.02	15.84 -0.06 -0.01	16.88 -0.05 0.00	19.32 0.02 0.00	20.28 -0.06 -0.08	20.75 -0.06 -0.14	21.64 -0.11 -0.08	20.92 -0.10 -0.20	21.07 -0.10 -0.20	22.09 -0.13 -0.13	23.00 -0.16 0.00	24.17 -0.12 0.00	25.46 -0.10 0.00	28.64 -0.09 0.00	31.99 -0.13 0.00	29.42 -0.15 -0.10	28.82 -0.12 -0.05	26.97 -0.11 0.00	23.65 -0.07 0.00	21.40 -0.06 0.00	19.54 0.02 0.00
TRIGEN___CC 323695	29.57 1.37 -9.96	29.49 1.20 -11.62	20.53 1.13 -3.46	20.07 1.11 -3.49	21.12 1.14 -4.08	20.18 1.20 -2.05	29.50 1.41 -8.79	29.99 1.58 -8.16	29.99 1.70 -7.62	30.57 1.84 -7.07	30.68 1.75 -8.12	28.55 1.78 -5.79	28.61 1.88 -4.63	35.07 2.18 -9.73	34.94 2.23 -8.42	41.90 2.33 -14.01	45.84 2.56 -14.57	51.25 2.89 -16.24	52.94 2.45 -21.03	40.33 2.28 -9.17	38.07 2.11 -8.89	32.69 1.71 -7.26	27.84 1.72 -4.65	26.85 1.39 -5.94
TRINITY__115KV__ 4 BK 55933	19.09 0.64 -0.21	18.00 0.52 -0.81	16.96 0.54 -0.48	16.21 0.54 -0.21	16.58 0.56 -0.13	17.47 0.54 0.00	19.84 0.58 0.04	19.34 0.65 1.57	19.39 0.64 1.93	17.99 0.69 4.37	19.11 0.65 2.36	19.17 0.65 2.46	19.20 0.71 3.60	20.37 0.79 3.57	21.58 0.75 3.46	24.04 0.74 2.27	25.03 0.83 4.52	28.13 0.96 4.94	26.21 0.83 4.08	30.68 0.84 -0.96	27.83 0.76 0.00	24.36 0.64 0.00	22.03 0.56 0.00	20.03 0.51 0.00

UNION___PROCESSING_DRP 323587	18.28 0.02 -0.02	16.58 -0.17 -0.08	15.86 -0.13 -0.05	15.34 -0.14 -0.02	15.70 -0.21 -0.01	16.77 -0.15 0.00	19.32 0.02 0.00	20.05 -0.30 -0.10	20.69 -0.14 -0.16	21.61 -0.15 -0.10	20.87 -0.19 -0.24	21.00 -0.21 -0.24	22.00 -0.24 -0.15	22.81 -0.35 0.00	24.12 -0.17 0.00	25.46 -0.10 0.00	28.38 -0.34 0.00	31.76 -0.35 0.00	29.27 -0.32 -0.12	28.68 -0.26 -0.06	26.94 -0.14 0.00	23.77 0.05 0.00	21.60 0.13 0.00	19.78 0.25 0.00
UPPER HUDSON___HYD 24058	20.19 1.73 -0.21	18.97 1.47 -0.84	17.82 1.39 -0.49	17.04 1.36 -0.21	17.44 1.41 -0.14	18.47 1.54 0.00	21.08 1.76 -0.03	26.80 1.86 -4.68	29.67 1.90 -7.10	29.74 1.91 -6.17	32.88 1.85 -10.21	33.04 1.85 -10.22	31.57 1.83 -7.65	27.32 1.92 -2.23	28.32 1.87 -2.16	29.13 2.15 -1.42	34.02 2.47 -2.83	38.22 3.02 -3.09	39.27 2.89 -6.91	33.11 2.77 -1.46	29.70 2.63 0.00	26.02 2.30 0.00	23.38 1.91 0.00	21.18 1.66 0.00
UPPER RAQUET___HYD 24056	18.15 -0.09 0.00	16.68 0.02 0.00	15.94 0.00 0.00	15.46 0.00 0.00	15.91 0.02 0.00	16.98 0.05 0.00	19.28 -0.02 0.00	20.50 0.24 0.00	20.88 0.21 0.00	21.90 0.24 0.00	21.00 0.19 0.00	21.12 0.15 0.00	22.25 0.16 0.00	23.28 0.12 0.00	24.44 0.15 0.00	25.64 0.08 0.00	28.75 0.03 0.00	31.82 -0.29 0.00	29.41 -0.06 0.00	28.85 -0.03 0.00	27.48 0.41 0.00	24.08 0.36 0.00	21.60 0.13 0.00	19.52 0.00 0.00
VALLEY44_115KV_TB2 355964	17.62 -0.66 -0.03	15.79 -1.00 -0.13	15.11 -0.91 -0.07	14.91 -0.59 -0.03	15.50 -0.41 -0.02	16.62 -0.30 0.00	19.24 -0.06 0.00	19.91 -0.51 -0.16	20.61 -0.33 -0.27	21.47 -0.35 -0.16	20.90 -0.31 -0.40	21.01 -0.36 -0.40	21.99 -0.35 -0.25	22.65 -0.51 0.00	24.10 -0.19 0.00	25.44 -0.13 0.00	28.21 -0.52 0.00	31.51 -0.61 0.00	29.02 -0.65 -0.20	28.37 -0.61 -0.10	26.59 -0.49 0.00	23.60 -0.12 0.00	21.57 0.11 0.00	19.80 0.27 0.00
VALLEY___115KV_TB 1-4 80826	18.02 -0.22 0.00	16.51 -0.15 0.00	15.83 -0.11 0.00	15.34 -0.12 0.00	15.75 -0.14 0.00	16.79 -0.14 0.00	19.19 -0.12 0.00	20.16 -0.10 0.00	20.57 -0.10 0.00	21.58 -0.09 0.00	20.73 -0.08 0.00	20.87 -0.10 0.00	22.01 -0.09 0.00	23.07 -0.09 0.00	24.19 -0.10 0.00	25.49 -0.08 0.00	28.66 -0.06 0.00	32.11 0.00 0.00	29.50 0.03 0.00	28.91 0.03 0.00	27.10 0.03 0.00	23.77 0.05 0.00	21.47 0.00 0.00	19.52 0.00 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	19.06 0.75 -0.07	17.58 0.65 -0.27	16.70 0.61 -0.16	16.13 0.60 -0.07	16.57 0.64 -0.04	17.62 0.69 0.00	20.11 0.81 0.00	21.70 0.85 -0.59	22.54 0.87 -1.00	23.14 0.89 -0.59	23.16 0.85 -1.49	23.31 0.86 -1.48	23.92 0.91 -0.92	24.11 0.95 0.00	25.33 1.04 0.00	26.67 1.10 0.00	30.04 1.32 0.00	33.59 1.48 0.00	31.60 1.39 -0.74	30.60 1.36 -0.36	28.35 1.27 0.00	24.79 1.07 0.00	22.37 0.90 0.00	20.32 0.80 0.00
VISCHER___FERRY HYD 24020	19.44 0.98 -0.21	18.35 0.87 -0.82	17.25 0.83 -0.48	16.49 0.82 -0.21	16.87 0.84 -0.13	17.81 0.88 0.00	20.44 1.06 -0.07	29.93 1.09 -8.58	33.02 1.14 -11.21	34.68 1.19 -11.82	37.78 1.14 -15.82	38.03 1.15 -15.91	36.56 1.21 -13.25	30.26 1.30 -5.81	31.28 1.36 -5.63	30.63 1.38 -3.69	37.62 1.55 -7.35	41.84 1.70 -8.03	43.62 1.53 -12.62	31.58 1.44 -1.26	28.43 1.35 0.00	24.93 1.21 0.00	22.54 1.07 0.00	20.48 0.96 0.00
V_A_10_SYNC_DSASP 323832	17.94 -0.33 -0.02	16.24 -0.52 -0.09	15.56 -0.43 -0.05	15.05 -0.43 -0.02	15.37 -0.54 -0.02	16.42 -0.51 0.00	18.95 -0.35 0.00	19.54 -0.83 -0.11	20.26 -0.60 -0.18	21.12 -0.65 -0.11	20.45 -0.65 -0.27	20.57 -0.67 -0.27	21.53 -0.73 -0.17	22.26 -0.90 0.00	23.59 -0.70 0.00	24.88 -0.69 0.00	27.66 -1.06 0.00	30.89 -1.22 0.00	28.49 -1.12 -0.14	27.91 -1.04 -0.07	26.23 -0.84 0.00	23.22 -0.50 0.00	21.25 -0.21 0.00	19.48 -0.04 0.00
V_CMM_10_SYNC_DSASP 323787	17.93 -0.31 0.00	16.47 -0.20 0.00	15.75 -0.19 0.00	15.28 -0.18 0.00	15.70 -0.19 0.00	16.71 -0.22 0.00	18.99 -0.31 0.00	20.03 -0.22 0.00	20.45 -0.23 0.00	21.43 -0.24 0.00	20.59 -0.23 0.00	20.72 -0.25 0.00	21.83 -0.26 0.00	22.88 -0.28 0.00	24.00 -0.29 0.00	25.23 -0.33 0.00	28.38 -0.34 0.00	31.76 -0.35 0.00	29.20 -0.27 0.00	28.62 -0.26 0.00	26.86 -0.22 0.00	23.48 -0.24 0.00	21.21 -0.26 0.00	19.21 -0.31 0.00
V_CMP_10_SYNC_DSASP 323788	18.08 -0.16 0.00	16.66 0.00 0.00	15.94 0.00 0.00	15.48 0.02 0.00	15.97 0.08 0.00	17.06 0.13 0.00	19.44 0.14 0.00	20.56 0.30 0.00	21.00 0.33 0.00	22.05 0.39 0.00	21.19 0.38 0.00	21.33 0.36 0.00	22.49 0.40 0.00	23.62 0.46 0.00	24.85 0.56 0.00	26.13 0.56 0.00	29.41 0.69 0.00	32.98 0.87 0.00	30.41 0.94 0.00	29.78 0.90 0.00	27.94 0.87 0.00	24.36 0.64 0.00	21.92 0.45 0.00	19.80 0.27 0.00
V_E_10_SYNC_DSASP 323830	19.37 1.08 -0.05	17.73 0.87 -0.20	16.87 0.81 -0.12	16.35 0.83 -0.05	16.81 0.89 -0.03	18.03 1.10 0.00	20.69 1.39 0.00	22.00 1.42 -0.33	22.58 1.34 -0.56	22.70 0.71 -0.33	22.29 0.65 -0.83	22.36 0.57 -0.82	23.18 0.57 -0.51	23.74 0.58 0.00	24.92 0.63 0.00	26.87 1.30 0.00	30.44 1.72 0.00	34.30 2.18 0.00	32.24 2.36 -0.41	31.59 2.51 -0.20	29.43 2.35 0.00	25.64 1.92 0.00	22.88 1.42 0.00	20.79 1.27 0.00
V_F_30_NSYNC___DSASP 323816	19.84 1.39 -0.21	18.70 1.20 -0.84	17.56 1.13 -0.49	16.79 1.11 -0.21	17.17 1.14 -0.14	18.16 1.23 0.00	20.74 1.41 -0.03	26.95 1.50 -5.20	29.84 1.53 -7.64	30.16 1.58 -6.92	33.27 1.50 -10.96	33.46 1.51 -10.97	32.05 1.57 -8.39	27.51 1.64 -2.70	28.63 1.72 -2.62	29.12 1.84 -1.72	34.24 2.10 -3.42	38.23 2.38 -3.74	39.35 2.21 -7.67	32.45 2.14 -1.43	29.11 2.03 0.00	25.52 1.80 0.00	23.01 1.55 0.00	20.87 1.35 0.00
V_F_30_SYNC_DSASP 323786	19.14 0.69 -0.21	18.05 0.57 -0.82	17.01 0.59 -0.48	16.26 0.59 -0.21	16.63 0.60 -0.13	17.52 0.59 0.00	19.91 0.64 0.03	20.25 0.71 0.71	23.15 0.87 -1.61	22.22 0.93 0.37	24.29 0.87 -2.60	24.39 0.88 -2.53	23.78 0.95 -0.74	22.75 1.04 1.45	23.96 1.07 1.40	25.72 1.07 0.92	28.12 1.24 1.83	31.49 1.38 2.00	30.86 1.27 -0.12	31.32 1.21 -1.23	28.18 1.11 0.00	24.67 0.95 0.00	22.26 0.79 0.00	20.23 0.70 0.00
V_XM_10_SYNC_DSASP 323789	18.08 -0.16 0.00	16.66 0.00 0.00	15.94 0.00 0.00	15.48 0.02 0.00	15.97 0.08 0.00	17.06 0.13 0.00	19.44 0.14 0.00	20.56 0.30 0.00	21.00 0.33 0.00	22.05 0.39 0.00	21.19 0.38 0.00	21.33 0.36 0.00	22.49 0.40 0.00	23.62 0.46 0.00	24.85 0.56 0.00	26.13 0.56 0.00	29.41 0.69 0.00	32.98 0.87 0.00	30.41 0.94 0.00	29.78 0.90 0.00	27.94 0.87 0.00	24.36 0.64 0.00	21.92 0.45 0.00	19.80 0.27 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	19.44 1.04 -0.16	18.20 0.90 -0.63	17.14 0.83 -0.37	16.43 0.80 -0.16	16.84 0.84 -0.10	17.82 0.90 0.00	20.34 1.04 0.00	22.25 1.22 -0.78	23.28 1.30 -1.30	23.83 1.41 -0.76	24.16 1.42 -1.93	24.34 1.45 -1.92	24.83 1.55 -1.19	24.97 1.81 0.00	26.19 1.89 0.00	27.56 1.99 0.00	30.93 2.21 0.00	34.59 2.47 0.00	32.52 2.09 -0.96	31.25 1.91 -0.47	28.81 1.73 0.00	25.17 1.45 0.00	22.84 1.37 0.00	20.58 1.05 0.00

W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	19.56 1.15 -0.17	18.39 1.07 -0.66	17.26 0.94 -0.38	16.54 0.91 -0.17	16.94 0.94 -0.11	17.91 0.98 0.00	20.48 1.18 0.00	22.46 1.40 -0.81	23.51 1.49 -1.35	24.05 1.60 -0.79	24.42 1.60 -2.00	24.60 1.64 -1.99	25.10 1.77 -1.23	25.25 2.08 0.00	26.40 2.11 0.00	27.77 2.20 0.00	31.16 2.44 0.00	34.88 2.76 0.00	32.74 2.27 -1.00	31.42 2.05 -0.48	28.97 1.90 0.00	25.29 1.57 0.00	22.99 1.52 0.00	20.67 1.15 0.00
W50THST__13_KV_LOAD 356117	19.63 1.22 -0.17	18.40 1.08 -0.66	17.31 0.99 -0.38	16.60 0.97 -0.17	17.00 1.00 -0.11	17.98 1.05 0.00	20.58 1.27 0.00	22.56 1.50 -0.81	23.61 1.59 -1.35	24.18 1.73 -0.79	24.52 1.71 -2.00	24.72 1.76 -1.99	25.23 1.90 -1.23	25.38 2.22 0.00	26.53 2.23 0.00	27.92 2.35 0.00	31.34 2.61 0.00	35.07 2.95 0.00	32.88 2.42 -1.00	31.56 2.20 -0.48	29.08 2.00 0.00	25.38 1.66 0.00	23.10 1.63 0.00	20.75 1.23 0.00
WADING RIVER_IC_1 23522	29.37 1.17 -9.96	29.30 1.02 -11.62	20.37 0.97 -3.46	19.88 0.93 -3.49	20.93 0.95 -4.08	19.99 1.02 -2.05	29.29 1.20 -8.79	29.79 1.38 -8.16	29.84 1.55 -7.62	30.38 1.65 -7.07	30.48 1.54 -8.12	28.29 1.53 -5.79	28.34 1.61 -4.63	34.74 1.85 -9.73	34.65 1.94 -8.42	41.70 2.12 -14.01	45.61 2.33 -14.57	50.96 2.60 -16.24	52.73 2.24 -21.03	40.10 2.05 -9.17	37.91 1.95 -8.88	32.57 1.59 -7.26	27.69 1.57 -4.65	26.75 1.29 -5.94
WADING RIVER_IC_2 23547	29.37 1.17 -9.96	29.30 1.02 -11.62	20.37 0.97 -3.46	19.88 0.93 -3.49	20.93 0.95 -4.08	19.99 1.02 -2.05	29.29 1.20 -8.79	29.79 1.38 -8.16	29.84 1.55 -7.62	30.38 1.65 -7.07	30.48 1.54 -8.12	28.29 1.53 -5.79	28.34 1.61 -4.63	34.74 1.85 -9.73	34.65 1.94 -8.42	41.70 2.12 -14.01	45.61 2.33 -14.57	50.96 2.60 -16.24	52.73 2.24 -21.03	40.10 2.05 -9.17	37.91 1.95 -8.88	32.57 1.59 -7.26	27.69 1.57 -4.65	26.75 1.29 -5.94
WADING RIVER_IC_3 23601	29.37 1.17 -9.96	29.30 1.02 -11.62	20.37 0.97 -3.46	19.88 0.93 -3.49	20.93 0.95 -4.08	19.99 1.02 -2.05	29.29 1.20 -8.79	29.79 1.38 -8.16	29.84 1.55 -7.62	30.38 1.65 -7.07	30.48 1.54 -8.12	28.29 1.53 -5.79	28.34 1.61 -4.63	34.74 1.85 -9.73	34.65 1.94 -8.42	41.70 2.12 -14.01	45.61 2.33 -14.57	50.96 2.60 -16.24	52.73 2.24 -21.03	40.10 2.05 -9.17	37.91 1.95 -8.88	32.57 1.59 -7.26	27.69 1.57 -4.65	26.75 1.29 -5.94
WALDENNY_12_KV_BK2 80841	17.98 -0.29 -0.03	16.19 -0.58 -0.11	15.53 -0.48 -0.06	15.13 -0.36 -0.03	15.54 -0.37 -0.02	16.62 -0.30 0.00	19.19 -0.12 0.00	19.75 -0.65 -0.14	20.53 -0.37 -0.23	21.41 -0.39 -0.14	20.74 -0.42 -0.34	20.87 -0.44 -0.34	21.84 -0.46 -0.21	22.54 -0.63 0.00	23.95 -0.34 0.00	25.29 -0.28 0.00	28.06 -0.66 0.00	31.31 -0.80 0.00	28.87 -0.77 -0.17	28.27 -0.69 -0.08	26.53 -0.54 0.00	23.56 -0.17 0.00	21.60 0.13 0.00	19.82 0.29 0.00
WALDEN__HYDRO 24148	19.44 1.04 -0.16	18.20 0.90 -0.64	17.16 0.84 -0.37	16.44 0.82 -0.16	16.85 0.86 -0.10	17.82 0.90 0.00	20.34 1.04 0.00	22.24 1.19 -0.79	23.23 1.24 -1.31	23.73 1.30 -0.77	24.08 1.31 -1.95	24.23 1.32 -1.94	24.69 1.39 -1.20	24.76 1.60 0.00	25.97 1.67 0.00	27.38 1.82 0.00	30.79 2.07 0.00	34.43 2.31 0.00	32.45 2.00 -0.97	31.26 1.91 -0.47	28.81 1.73 0.00	25.19 1.47 0.00	22.82 1.35 0.00	20.58 1.05 0.00
WARRENSBURG____ 23737	20.19 1.73 -0.21	18.97 1.47 -0.84	17.82 1.39 -0.49	17.04 1.36 -0.21	17.44 1.41 -0.14	18.47 1.54 0.00	21.08 1.76 -0.03	26.80 1.86 -4.68	29.67 1.90 -7.10	29.74 1.91 -6.17	32.88 1.85 -10.21	33.04 1.85 -10.22	31.57 1.83 -7.65	27.32 1.92 -2.23	28.32 1.87 -2.16	29.13 2.15 -1.42	34.02 2.47 -2.83	38.22 3.02 -3.09	39.27 2.89 -6.91	33.11 2.77 -1.46	29.70 2.63 0.00	26.02 2.30 0.00	23.38 1.91 0.00	21.18 1.66 0.00
WATERSIDE____6 8 9 23538	19.66 1.24 -0.17	18.39 1.07 -0.66	17.31 0.99 -0.38	16.60 0.97 -0.17	17.00 1.00 -0.11	17.94 1.02 0.00	20.50 1.20 0.00	22.48 1.42 -0.81	23.53 1.51 -1.35	24.10 1.65 -0.79	24.46 1.64 -2.00	24.66 1.70 -1.99	25.16 1.83 -1.23	25.32 2.15 -0.01	26.45 2.16 0.00	27.82 2.25 0.00	31.26 2.53 -0.01	34.95 2.83 -0.01	32.86 2.39 -1.01	31.53 2.17 -0.48	29.05 1.98 0.00	25.36 1.64 0.00	23.11 1.63 -0.01	20.75 1.23 0.00
WATKINRD_115KV_LN8_ILLION 55919	18.17 -0.07 0.00	16.63 -0.03 0.00	15.91 -0.03 0.00	15.43 -0.03 0.00	15.84 -0.05 0.00	16.89 -0.03 0.00	19.28 -0.02 0.00	20.24 -0.02 0.00	20.65 -0.02 0.00	21.64 -0.02 0.00	20.80 -0.02 0.00	20.95 -0.02 0.00	22.07 -0.02 0.00	23.14 -0.02 0.00	24.27 -0.02 0.00	25.54 -0.03 0.00	28.72 0.00 0.00	32.15 0.03 0.00	29.53 0.06 0.00	28.94 0.06 0.00	27.13 0.05 0.00	23.77 0.05 0.00	21.49 0.02 0.00	19.54 0.02 0.00
WATSON____69_KV_BK 1 55734	29.86 1.66 -9.96	29.74 1.45 -11.62	20.77 1.37 -3.46	20.28 1.33 -3.49	21.36 1.38 -4.08	20.43 1.46 -2.05	29.81 1.72 -8.79	30.34 1.92 -8.16	30.36 2.07 -7.62	30.94 2.21 -7.07	31.04 2.10 -8.12	28.86 2.10 -5.79	28.89 2.17 -4.63	35.41 2.52 -9.73	35.31 2.60 -8.42	42.29 2.71 -14.01	46.19 2.90 -14.57	51.63 3.28 -16.24	53.33 2.83 -21.03	40.82 2.77 -9.17	38.53 2.57 -8.89	33.02 2.04 -7.26	28.23 2.10 -4.65	27.22 1.76 -5.94
WDELAWARE__HYD 323627	19.05 0.66 -0.15	17.82 0.57 -0.59	16.80 0.51 -0.35	16.11 0.49 -0.15	16.50 0.51 -0.10	17.47 0.54 0.00	19.94 0.64 0.00	21.79 0.77 -0.76	22.75 0.81 -1.27	23.23 0.82 -0.74	23.53 0.83 -1.88	23.68 0.84 -1.87	24.16 0.91 -1.16	24.18 1.02 0.00	25.41 1.12 0.00	26.79 1.23 0.00	30.19 1.46 0.00	33.75 1.64 0.00	31.82 1.41 -0.94	30.64 1.30 -0.45	28.24 1.16 0.00	24.69 0.97 0.00	22.35 0.88 0.00	20.15 0.62 0.00
WEST BABYLON__IC 23714	29.84 1.64 -9.96	29.72 1.43 -11.62	20.76 1.35 -3.46	20.27 1.31 -3.49	21.34 1.37 -4.08	20.41 1.44 -2.05	29.79 1.70 -8.79	30.30 1.88 -8.16	30.32 2.03 -7.62	30.90 2.17 -7.07	31.00 2.06 -8.12	28.84 2.08 -5.79	28.87 2.14 -4.63	35.37 2.48 -9.73	35.19 2.48 -8.42	42.16 2.58 -14.01	46.10 2.81 -14.57	51.50 3.15 -16.24	53.24 2.74 -21.03	40.71 2.66 -9.17	38.42 2.46 -8.89	33.00 2.02 -7.26	28.18 2.06 -4.65	27.16 1.70 -5.94
WEST CANADA__HYD 24049	18.30 0.05 0.00	16.71 0.05 0.00	15.99 0.05 0.00	15.51 0.05 0.00	15.94 0.05 0.00	16.98 0.05 0.00	19.36 0.06 0.00	20.30 0.04 0.00	20.72 0.04 0.00	21.71 0.04 0.00	20.86 0.04 0.00	21.02 0.04 0.00	22.14 0.04 0.00	23.21 0.05 0.00	24.34 0.05 0.00	25.62 0.05 0.00	28.78 0.06 0.00	32.21 0.10 0.00	29.56 0.09 0.00	28.97 0.09 0.00	27.16 0.08 0.00	23.79 0.07 0.00	21.53 0.06 0.00	19.58 0.06 0.00
WESTERN_NY_WIND 24143	18.38 0.11 -0.02	16.58 -0.18 -0.10	15.90 -0.10 -0.06	15.42 -0.06 -0.02	15.80 -0.11 -0.02	16.89 -0.03 0.00	19.49 0.19 0.00	20.05 -0.32 -0.12	20.79 -0.08 -0.20	21.67 -0.11 -0.12	20.92 -0.19 -0.29	21.01 -0.25 -0.29	21.99 -0.29 -0.18	22.95 -0.21 0.00	24.10 -0.20 0.00	25.47 -0.10 0.00	28.55 -0.17 0.00	31.89 -0.22 0.00	29.64 0.03 -0.15	28.98 0.03 -0.07	27.16 0.08 0.00	23.99 0.26 0.00	21.90 0.43 0.00	20.03 0.51 0.00

WESTOVER___LESR 323668	18.48 0.18 -0.05	16.92 0.05 -0.21	16.11 0.05 -0.12	15.62 0.11 -0.05	16.05 0.13 -0.03	17.11 0.19 0.00	19.63 0.33 0.00	20.76 0.22 -0.28	21.42 0.27 -0.48	22.18 0.24 -0.28	21.75 0.23 -0.71	21.91 0.23 -0.70	22.75 0.22 -0.44	23.37 0.21 0.00	24.61 0.32 0.00	25.98 0.41 0.00	29.12 0.40 0.00	32.53 0.42 0.00	30.18 0.35 -0.35	29.40 0.35 -0.17	27.43 0.35 0.00	24.08 0.36 0.00	21.83 0.36 0.00	19.91 0.39 0.00
WETHRSFD_WT_PWR 323626	17.91 -0.36 -0.03	16.22 -0.57 -0.12	15.53 -0.48 -0.07	15.14 -0.36 -0.03	15.56 -0.35 -0.02	16.64 -0.29 0.00	19.21 -0.10 0.00	19.89 -0.53 -0.16	20.60 -0.33 -0.26	21.45 -0.37 -0.15	20.83 -0.37 -0.39	20.96 -0.40 -0.38	21.89 -0.44 -0.24	22.75 -0.42 0.00	23.93 -0.36 0.00	25.26 -0.31 0.00	28.23 -0.49 0.00	31.50 -0.61 0.00	29.28 -0.38 -0.19	28.60 -0.38 -0.09	26.75 -0.32 0.00	23.60 -0.12 0.00	21.55 0.09 0.00	19.74 0.22 0.00
WHAVSTOR_138KV_BK127 55557	19.37 0.97 -0.16	18.13 0.83 -0.63	17.09 0.78 -0.37	16.38 0.76 -0.16	16.77 0.78 -0.10	17.76 0.83 0.00	20.29 0.98 0.00	22.17 1.13 -0.78	23.17 1.20 -1.30	23.75 1.32 -0.76	24.06 1.31 -1.93	24.23 1.34 -1.92	24.72 1.44 -1.19	24.87 1.71 0.00	26.06 1.77 0.00	27.43 1.87 0.00	30.79 2.07 0.00	34.43 2.31 0.00	32.35 1.92 -0.96	31.11 1.76 -0.47	28.70 1.62 0.00	25.07 1.35 0.00	22.76 1.29 0.00	20.50 0.98 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	19.37 0.97 -0.16	18.13 0.83 -0.63	17.09 0.78 -0.37	16.38 0.76 -0.16	16.77 0.78 -0.10	17.76 0.83 0.00	20.29 0.98 0.00	22.17 1.13 -0.78	23.17 1.20 -1.30	23.75 1.32 -0.76	24.06 1.31 -1.93	24.23 1.34 -1.92	24.72 1.44 -1.19	24.87 1.71 0.00	26.06 1.77 0.00	27.43 1.87 0.00	30.79 2.07 0.00	34.43 2.31 0.00	32.35 1.92 -0.96	31.11 1.76 -0.47	28.70 1.62 0.00	25.07 1.35 0.00	22.76 1.29 0.00	20.50 0.98 0.00
WHITEHAL_115KV_TB1 80871	20.74 2.28 -0.21	19.42 1.92 -0.84	18.23 1.80 -0.49	17.45 1.78 -0.21	17.87 1.84 -0.14	18.96 2.03 0.00	21.61 2.28 -0.03	27.60 2.45 -4.89	30.50 2.50 -7.32	30.66 2.51 -6.48	33.75 2.41 -10.52	33.94 2.43 -10.53	32.50 2.45 -7.95	27.67 2.08 -2.43	28.66 2.02 -2.35	29.38 2.28 -1.54	34.47 2.67 -3.07	38.78 3.31 -3.36	39.91 3.21 -7.23	33.51 3.18 -1.45	30.02 2.95 0.00	26.83 3.11 0.00	24.00 2.53 0.00	21.71 2.19 0.00
WHITEPLN_13_KV_LOAD 356215	19.58 1.17 -0.17	18.34 1.02 -0.65	17.26 0.94 -0.38	16.56 0.93 -0.17	16.95 0.95 -0.11	17.94 1.02 0.00	20.48 1.18 0.00	22.44 1.38 -0.81	23.47 1.45 -1.34	24.03 1.58 -0.79	24.39 1.58 -2.00	24.57 1.61 -1.98	25.05 1.72 -1.23	25.18 2.01 0.00	26.36 2.06 0.00	27.71 2.15 0.00	31.16 2.44 0.00	34.84 2.73 0.00	32.76 2.30 -1.00	31.50 2.14 -0.48	29.05 1.98 0.00	25.33 1.61 0.00	22.97 1.50 0.00	20.69 1.17 0.00
WM_FLOYD_69_KV_BK2 356380	29.55 1.35 -9.96	29.45 1.17 -11.62	20.52 1.12 -3.46	20.02 1.07 -3.49	21.09 1.11 -4.08	20.14 1.17 -2.05	29.48 1.39 -8.79	29.99 1.58 -8.16	30.03 1.74 -7.62	30.57 1.84 -7.07	30.66 1.73 -8.12	28.48 1.72 -5.79	28.52 1.79 -4.63	35.02 2.13 -9.73	34.89 2.19 -8.42	41.85 2.28 -14.01	45.70 2.41 -14.57	51.15 2.79 -16.24	52.88 2.39 -21.03	40.30 2.25 -9.17	38.02 2.06 -8.89	32.57 1.59 -7.26	27.86 1.74 -4.65	26.93 1.46 -5.94
WOODARD__115KV_TB2 355635	18.19 -0.07 -0.02	16.59 -0.13 -0.06	15.85 -0.13 -0.04	15.35 -0.12 -0.02	15.76 -0.14 -0.01	16.81 -0.12 0.00	19.24 -0.06 0.00	20.16 -0.16 -0.07	20.62 -0.17 -0.11	21.51 -0.22 -0.06	20.77 -0.21 -0.16	20.93 -0.21 -0.16	21.95 -0.24 -0.10	22.86 -0.30 0.00	24.02 -0.27 0.00	25.34 -0.23 0.00	28.46 -0.26 0.00	31.79 -0.32 0.00	29.23 -0.32 -0.08	28.63 -0.29 -0.04	26.80 -0.27 0.00	23.51 -0.21 0.00	21.27 -0.19 0.00	19.44 -0.08 0.00
YORK___WARBASSE 23770	19.73 1.31 -0.17	18.45 1.13 -0.66	17.36 1.04 -0.38	16.65 1.02 -0.17	17.03 1.03 -0.11	17.94 1.02 0.00	20.48 1.18 0.00	22.48 1.42 -0.81	23.53 1.51 -1.35	24.10 1.65 -0.79	24.48 1.67 -2.00	24.70 1.74 -1.99	25.21 1.88 -1.23	25.37 2.20 -0.01	26.50 2.21 0.00	27.92 2.35 0.00	31.40 2.67 -0.01	35.14 3.02 -0.01	33.04 2.56 -1.01	31.65 2.28 -0.48	29.16 2.08 0.00	25.43 1.71 0.00	23.21 1.74 -0.01	20.83 1.31 0.00