

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

05/25/2023

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	17.75	16.31	16.21	15.86	16.33	17.85	22.94	25.81	22.47	21.26	21.23	20.29	20.21	20.57	20.64	21.07	21.62	24.48	29.66	29.98	30.47	28.26	22.80	20.67
24138	0.84	0.79	0.77	0.74	0.75	0.84	1.28	1.85	1.91	1.72	1.81	1.82	1.79	1.62	1.63	1.66	1.60	2.11	2.23	2.58	2.44	2.21	1.69	1.67
	-7.98	-6.51	-6.43	-6.84	-6.40	-6.89	-7.25	-3.60	-0.18	0.00	0.00	-0.13	0.00	-2.78	-3.04	-3.54	-3.98	-1.94	-4.39	0.00	-0.58	0.00	0.00	0.00
74TH STREET_GT_1	17.75	16.31	16.21	15.87	16.33	17.84	22.93	25.79	22.43	21.24	21.13	20.27	20.19	20.55	20.62	21.07	21.62	24.46	29.64	29.95	30.50	28.26	22.77	20.68
24260	0.84	0.79	0.77	0.75	0.75	0.83	1.27	1.83	1.87	1.70	1.71	1.80	1.77	1.60	1.61	1.67	1.60	2.08	2.21	2.55	2.47	2.21	1.67	1.69
	-7.98	-6.51	-6.43	-6.84	-6.40	-6.89	-7.25	-3.60	-0.18	0.00	0.00	-0.13	0.00	-2.78	-3.04	-3.54	-3.98	-1.94	-4.39	0.00	-0.58	0.00	0.00	0.00
74TH STREET_GT_2	17.75	16.31	16.21	15.87	16.33	17.84	22.93	25.79	22.43	21.24	21.13	20.27	20.19	20.55	20.62	21.07	21.62	24.46	29.64	29.95	30.50	28.26	22.77	20.68
24261	0.84	0.79	0.77	0.75	0.75	0.83	1.27	1.83	1.87	1.70	1.71	1.80	1.77	1.60	1.61	1.67	1.60	2.08	2.21	2.55	2.47	2.21	1.67	1.69
	-7.98	-6.51	-6.43	-6.84	-6.40	-6.89	-7.25	-3.60	-0.18	0.00	0.00	-0.13	0.00	-2.78	-3.04	-3.54	-3.98	-1.94	-4.39	0.00	-0.58	0.00	0.00	0.00
ADK HUDSON___FALLS	19.97	18.10	18.02	17.78	18.16	19.84	24.97	26.36	22.24	21.00	20.75	19.82	19.77	21.00	21.13	21.65	22.43	24.26	29.72	29.76	31.61	28.28	22.80	20.42
24011	0.49	0.49	0.51	0.46	0.53	0.62	0.98	1.24	1.63	1.47	1.32	1.30	1.34	1.15	1.15	1.11	1.14	1.57	1.89	2.36	2.47	2.24	1.69	1.42
	-10.55	-8.60	-8.50	-9.04	-8.46	-9.11	-9.58	-4.77	-0.23	0.00	0.00	-0.17	0.00	-3.68	-4.01	-4.68	-5.25	-2.24	-4.79	0.00	-1.69	0.00	0.00	0.00
ADK RESOURCE___RCVRY	20.02	18.14	18.07	17.83	18.21	19.90	25.07	26.51	22.38	21.14	20.88	19.93	19.88	21.10	21.26	21.77	22.56	24.43	29.93	30.01	31.89	28.49	22.94	20.55
23798	0.53	0.52	0.55	0.50	0.57	0.67	1.07	1.38	1.77	1.60	1.46	1.41	1.45	1.25	1.26	1.22	1.25	1.74	2.07	2.60	2.74	2.45	1.84	1.56
	-10.56	-8.61	-8.51	-9.05	-8.47	-9.12	-9.59	-4.77	-0.23	0.00	0.00	-0.17	0.00	-3.68	-4.03	-4.69	-5.27	-2.26	-4.83	0.00	-1.70	0.00	0.00	0.00
ADK S GLENS___FALLS	19.97	18.10	18.02	17.78	18.16	19.84	24.97	26.36	22.24	21.00	20.75	19.82	19.77	21.00	21.13	21.65	22.43	24.26	29.72	29.76	31.61	28.28	22.80	20.42
24028	0.49	0.49	0.51	0.46	0.53	0.62	0.98	1.24	1.63	1.47	1.32	1.30	1.34	1.15	1.15	1.11	1.14	1.57	1.89	2.36	2.47	2.24	1.69	1.42
	-10.55	-8.60	-8.50	-9.04	-8.46	-9.11	-9.58	-4.77	-0.23	0.00	0.00	-0.17	0.00	-3.68	-4.01	-4.68	-5.25	-2.24	-4.79	0.00	-1.69	0.00	0.00	0.00
ADK_NYS___DAM	19.53	17.78	17.67	17.40	17.83	19.47	24.42	26.03	21.82	20.63	20.47	19.64	19.54	20.64	20.69	21.18	21.96	23.62	28.57	28.96	30.30	27.45	22.29	20.04
23527	0.50	0.53	0.52	0.47	0.56	0.63	0.84	1.12	1.22	1.09	1.05	1.14	1.12	0.95	0.88	0.84	0.88	1.14	1.31	1.56	1.48	1.41	1.18	1.04
	-10.09	-8.23	-8.14	-8.65	-8.10	-8.72	-9.17	-4.55	-0.22	0.00	0.00	-0.16	0.00	-3.52	-3.85	-4.49	-5.04	-2.03	-4.22	0.00	-1.37	0.00	0.00	0.00
AIR_PRODUCTS___DRP	19.35	17.59	17.51	17.26	17.63	19.21	24.05	25.47	21.27	20.12	19.99	19.13	19.05	20.23	20.38	20.89	21.62	23.24	28.43	28.25	29.42	26.77	21.74	19.54
24190	0.28	0.31	0.32	0.29	0.32	0.33	0.43	0.55	0.67	0.59	0.56	0.62	0.63	0.53	0.54	0.52	0.51	0.61	0.71	0.85	0.82	0.73	0.63	0.55
	-10.14	-8.27	-8.18	-8.69	-8.14	-8.76	-9.21	-4.57	-0.22	0.00	0.00	-0.16	0.00	-3.52	-3.87	-4.51	-5.07	-2.18	-4.69	0.00	-1.15	0.00	0.00	0.00
AKWESSNE_115KV_BK	8.65	8.74	8.73	8.02	8.89	9.81	13.95	19.87	19.87	19.03	18.86	17.81	17.85	15.67	15.47	15.35	15.56	19.81	22.37	26.58	26.76	25.34	20.54	18.48
355683	-0.29	-0.27	-0.28	-0.26	-0.28	-0.30	-0.46	-0.49	-0.51	-0.51	-0.56	-0.53	-0.57	-0.50	-0.49	-0.51	-0.48	-0.63	-0.67	-0.82	-0.69	-0.70	-0.57	-0.51
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	19.35	17.59	17.51	17.26	17.63	19.21	24.05	25.47	21.27	20.12	19.99	19.13	19.05	20.23	20.38	20.89	21.62	23.24	28.43	28.25	29.42	26.77	21.74	19.54
23571	0.28	0.31	0.32	0.29	0.32	0.33	0.43	0.55	0.67	0.59	0.56	0.62	0.63	0.53	0.54	0.52	0.51	0.61	0.71	0.85	0.82	0.73	0.63	0.55
	-10.14	-8.27	-8.18	-8.69	-8.14	-8.76	-9.21	-4.57	-0.22	0.00	0.00	-0.16	0.00	-3.52	-3.87	-4.51	-5.07	-2.18	-4.69	0.00	-1.15	0.00	0.00	0.00
ALBANY___2	19.35	17.59	17.51	17.26	17.63	19.21	24.05	25.47	21.27	20.12	19.99	19.13	19.05	20.23	20.38	20.89	21.62	23.24	28.43	28.25	29.42	26.77	21.74	19.54
23572	0.28	0.31	0.32	0.29	0.32	0.33	0.43	0.55	0.67	0.59	0.56	0.62	0.63	0.53	0.54	0.52	0.51	0.61	0.71	0.85	0.82	0.73	0.63	0.55
	-10.14	-8.27	-8.18	-8.69	-8.14	-8.76	-9.21	-4.57	-0.22	0.00	0.00	-0.16	0.00	-3.52	-3.87	-4.51	-5.07	-2.18	-4.69	0.00	-1.15	0.00	0.00	0.00
ALBANY___3	19.35	17.59	17.51	17.26	17.63	19.21	24.05	25.47	21.27	20.12	19.99	19.13	19.05	20.23	20.38	20.89	21.62	23.24	28.43	28.25	29.42	26.77	21.74	19.54
23573	0.28	0.31	0.32	0.29	0.32	0.33	0.43	0.55	0.67	0.59	0.56	0.62	0.63	0.53	0.54	0.52	0.51	0.61	0.71	0.85	0.82	0.73	0.63	0.55
	-10.14	-8.27	-8.18	-8.69	-8.14	-8.76	-9.21	-4.57	-0.22	0.00	0.00	-0.16	0.00	-3.52	-3.87	-4.51	-5.07	-2.18	-4.69	0.00	-1.15	0.00	0.00	0.00

ALBANY___4 23574	19.35 0.28 -10.14	17.59 0.31 -8.27	17.51 0.32 -8.18	17.26 0.29 -8.69	17.63 0.32 -8.14	19.21 0.33 -8.76	24.05 0.43 -9.21	25.47 0.55 -4.57	21.27 0.67 -0.22	20.12 0.59 0.00	19.99 0.56 0.00	19.13 0.62 -0.16	19.05 0.63 0.00	20.23 0.53 -3.52	20.38 0.54 -3.87	20.89 0.52 -4.51	21.62 0.51 -5.07	23.24 0.61 -2.18	28.43 0.71 -4.69	28.25 0.85 0.00	29.42 0.82 -1.15	26.77 0.73 0.00	21.74 0.63 0.00	19.54 0.55 0.00
ALBANY___LFGE 323615	19.60 0.34 -10.32	17.79 0.36 -8.41	17.72 0.39 -8.32	17.48 0.35 -8.85	17.83 0.38 -8.28	19.44 0.41 -8.92	24.33 0.55 -9.37	25.70 0.69 -4.66	21.40 0.79 -0.23	20.26 0.72 0.00	20.12 0.70 0.00	19.28 0.77 -0.16	19.18 0.76 0.00	20.39 0.66 -3.56	20.53 0.67 -3.89	21.05 0.65 -4.54	21.78 0.64 -5.10	23.40 0.78 -2.19	28.61 0.90 -4.68	28.50 1.10 0.00	29.83 1.07 -1.31	27.01 0.96 0.00	21.91 0.80 0.00	19.72 0.72 0.00
ALCOA_PA_115KV_PL-6C 55860	8.69 -0.25 0.00	8.78 -0.23 0.00	8.76 -0.24 0.00	8.05 -0.23 0.00	8.93 -0.24 0.00	9.85 -0.26 0.00	14.00 -0.42 0.00	19.93 -0.43 0.00	19.89 -0.49 0.00	19.05 -0.49 0.00	18.88 -0.54 0.00	17.81 -0.53 0.00	17.83 -0.59 0.00	15.66 -0.52 0.00	15.46 -0.51 0.00	15.34 -0.52 0.00	15.54 -0.50 0.00	19.81 -0.63 0.00	22.39 -0.64 0.00	26.61 -0.79 0.00	26.85 -0.60 0.00	25.45 -0.60 0.00	20.64 -0.46 0.00	18.58 -0.42 0.00
ALCOA_RYNLDS___DRP 24188	8.69 -0.25 0.00	8.78 -0.23 0.00	8.76 -0.24 0.00	8.05 -0.23 0.00	8.93 -0.24 0.00	9.85 -0.26 0.00	14.00 -0.42 0.00	19.93 -0.43 0.00	19.89 -0.49 0.00	19.05 -0.49 0.00	18.88 -0.54 0.00	17.81 -0.53 0.00	17.83 -0.59 0.00	15.66 -0.52 0.00	15.46 -0.51 0.00	15.34 -0.52 0.00	15.54 -0.50 0.00	19.81 -0.63 0.00	22.39 -0.64 0.00	26.61 -0.79 0.00	26.85 -0.60 0.00	25.45 -0.60 0.00	20.64 -0.46 0.00	18.58 -0.42 0.00
ALCOA___DSASP 323711	8.69 -0.25 0.00	8.78 -0.23 0.00	8.76 -0.24 0.00	8.05 -0.23 0.00	8.93 -0.24 0.00	9.85 -0.26 0.00	14.00 -0.42 0.00	19.93 -0.43 0.00	19.89 -0.49 0.00	19.05 -0.49 0.00	18.88 -0.54 0.00	17.79 -0.55 0.00	17.83 -0.59 0.00	15.66 -0.52 0.00	15.46 -0.51 0.00	15.34 -0.52 0.00	15.54 -0.50 0.00	19.81 -0.63 0.00	22.39 -0.64 0.00	26.61 -0.80 0.00	26.65 -0.80 0.00	25.45 -0.60 0.00	20.64 -0.46 0.00	18.58 -0.42 0.00
ALLEGHENY___COGEN 23514	10.84 0.41 -1.50	10.64 0.41 -1.22	10.64 0.43 -1.21	9.94 0.37 -1.28	10.81 0.44 -1.20	11.90 0.50 -1.29	16.38 0.61 -1.36	21.40 0.39 -0.66	20.59 0.18 -0.03	19.77 0.24 0.00	19.62 0.19 0.00	18.33 -0.04 -0.02	18.53 0.11 0.00	16.70 0.02 -0.51	16.69 0.16 -0.56	16.66 0.14 -0.66	16.89 0.11 -0.74	21.22 0.45 -0.33	24.34 0.58 -0.73	28.36 0.96 0.00	29.04 1.48 -0.11	27.11 1.07 0.00	22.08 0.97 0.00	19.81 0.82 0.00
ALTAMONT_115KV_TB 2 55880	19.46 0.35 -10.18	17.67 0.36 -8.30	17.58 0.37 -8.21	17.34 0.34 -8.72	17.70 0.37 -8.17	19.31 0.40 -8.79	24.23 0.58 -9.24	25.58 0.67 -4.55	21.35 0.75 -0.22	20.20 0.66 0.00	20.07 0.64 0.00	19.20 0.70 -0.16	19.10 0.68 0.00	20.28 0.60 -3.51	20.41 0.59 -3.85	20.94 0.59 -4.49	21.66 0.58 -5.04	23.43 0.78 -2.21	28.71 0.90 -4.78	28.47 1.07 0.00	29.56 1.07 -1.04	27.01 0.96 0.00	21.89 0.78 0.00	19.72 0.72 0.00
ALTONA_WT_PWR 323606	8.71 -0.22 0.00	8.83 -0.18 0.00	8.83 -0.18 0.00	8.09 -0.19 0.00	9.00 -0.17 0.00	9.95 -0.16 0.00	14.18 -0.23 0.00	20.38 0.02 0.00	20.32 -0.06 0.00	19.40 -0.14 0.00	19.15 -0.27 0.00	17.98 -0.37 0.00	18.05 -0.37 0.00	15.77 -0.40 0.00	15.65 -0.32 0.00	15.54 -0.32 0.00	15.81 -0.22 0.00	20.22 -0.22 0.00	22.92 -0.11 0.00	27.24 -0.16 0.00	27.34 -0.11 0.00	25.89 -0.16 0.00	21.00 -0.11 0.00	18.90 -0.09 0.00
AMERICAN_REF_FUEL 24010	10.04 -0.21 -1.31	9.88 -0.20 -1.07	9.87 -0.19 -1.05	9.24 -0.16 -1.12	9.98 -0.24 -1.05	10.93 -0.31 -1.13	14.98 -0.62 -1.19	19.37 -1.57 -0.58	19.04 -1.37 -0.03	18.54 -1.00 0.00	18.45 -0.97 0.00	17.41 -0.95 -0.02	17.52 -0.90 0.00	15.75 -0.87 -0.45	15.62 -0.85 -0.50	15.58 -0.86 -0.58	15.76 -0.93 -0.65	19.55 -1.19 -0.29	22.27 -1.41 -0.64	25.68 -1.73 0.00	26.33 -1.21 -0.09	24.53 -1.51 0.00	20.31 -0.80 0.00	18.31 -0.68 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	10.43 0.00 -1.50	10.22 -0.02 -1.22	10.22 0.01 -1.21	9.59 0.02 -1.29	10.39 0.02 -1.20	11.41 0.00 -1.30	15.72 -0.06 -1.36	20.71 -0.33 -0.68	20.35 -0.06 -0.03	19.81 0.27 0.00	19.72 0.29 0.00	18.53 0.16 -0.02	18.62 0.20 0.00	16.67 -0.03 -0.53	16.53 -0.02 -0.58	16.42 -0.11 -0.67	16.60 -0.19 -0.76	20.58 -0.20 -0.34	23.62 -0.16 -0.74	27.40 0.00 0.00	28.19 0.63 -0.11	26.38 0.34 0.00	21.74 0.63 0.00	19.60 0.61 0.00
ARTHUR_KILL_GT_1 23520	17.85 0.93 -7.99	16.42 0.90 -6.51	16.32 0.88 -6.43	15.96 0.83 -6.85	16.42 0.84 -6.40	17.90 0.89 -6.89	22.96 1.30 -7.25	25.85 1.89 -3.60	22.39 1.83 -0.18	21.16 1.62 0.00	21.15 1.73 0.00	20.22 1.74 -0.13	20.17 1.75 0.00	20.52 1.57 -2.78	20.65 1.64 -3.04	21.10 1.70 -3.54	21.65 1.64 -3.98	24.59 2.21 -1.94	29.77 2.35 -4.39	30.12 2.71 0.00	30.64 2.61 -0.58	28.41 2.37 0.00	22.88 1.77 0.00	20.91 1.92 0.00
ARTHUR_KILL_2 23512	17.83 0.91 -7.99	16.40 0.88 -6.51	16.30 0.86 -6.43	15.94 0.81 -6.85	16.40 0.83 -6.40	17.87 0.86 -6.89	22.91 1.25 -7.25	25.79 1.83 -3.60	22.33 1.77 -0.18	21.12 1.58 0.00	21.11 1.69 0.00	20.18 1.71 -0.13	20.13 1.71 0.00	20.47 1.52 -2.78	20.60 1.60 -3.04	21.07 1.66 -3.54	21.61 1.59 -3.98	24.52 2.15 -1.94	29.70 2.28 -4.39	30.03 2.63 0.00	30.55 2.52 -0.58	28.34 2.29 0.00	22.82 1.71 0.00	20.86 1.86 0.00
ARTHUR_KILL_3 23513	17.71 0.79 -7.98	16.27 0.75 -6.51	16.17 0.73 -6.43	15.82 0.70 -6.84	16.27 0.70 -6.40	17.79 0.78 -6.89	22.86 1.20 -7.25	25.66 1.71 -3.60	22.35 1.79 -0.18	21.14 1.60 0.00	21.11 1.69 0.00	20.16 1.69 -0.13	20.06 1.64 0.00	20.47 1.52 -2.78	20.54 1.53 -3.04	20.97 1.57 -3.54	21.53 1.51 -3.98	24.34 1.96 -1.94	29.47 2.05 -4.39	29.73 2.33 0.00	30.23 2.20 -0.58	28.05 2.01 0.00	22.63 1.52 0.00	20.55 1.56 0.00
ARTHUR_KILL_COGEN 323718	17.85 0.93 -7.99	16.42 0.90 -6.51	16.32 0.88 -6.43	15.96 0.83 -6.85	16.42 0.84 -6.40	17.90 0.89 -6.89	22.96 1.30 -7.25	25.85 1.89 -3.60	22.39 1.83 -0.18	21.16 1.62 0.00	21.15 1.73 0.00	20.22 1.74 -0.13	20.17 1.75 0.00	20.52 1.57 -2.78	20.65 1.64 -3.04	21.10 1.70 -3.54	21.65 1.64 -3.98	24.59 2.21 -1.94	29.77 2.35 -4.39	30.12 2.71 0.00	30.64 2.61 -0.58	28.41 2.37 0.00	22.88 1.77 0.00	20.91 1.92 0.00
ASHOKAN____ 23654	18.16 0.29 -8.93	16.55 0.25 -7.28	16.46 0.25 -7.20	16.17 0.23 -7.66	16.61 0.27 -7.17	18.11 0.27 -7.72	23.06 0.53 -8.11	24.93 0.55 -4.02	21.08 0.51 -0.20	20.26 0.72 0.00	20.18 0.76 0.00	19.24 0.75 -0.14	19.07 0.64 0.00	19.58 0.31 -3.10	19.67 0.30 -3.40	20.18 0.37 -3.96	20.89 0.40 -4.45	23.04 0.59 -2.00	28.16 0.74 -4.39	28.88 1.48 0.00	29.65 1.37 -0.83	27.69 1.64 0.00	22.27 1.16 0.00	20.02 1.02 0.00

ASTORIA_EAST_ENERGY_CC1 323581	17.79 0.87 -7.99	16.38 0.85 -6.51	16.28 0.83 -6.44	15.92 0.79 -6.85	16.38 0.80 -6.41	17.86 0.85 -6.89	22.81 1.15 -7.25	25.57 1.63 -3.59	22.24 1.69 -0.17	21.05 1.52 0.01	21.05 1.63 0.01	20.12 1.65 -0.12	20.05 1.64 0.01	20.41 1.47 -2.77	20.50 1.50 -3.03	20.95 1.56 -3.53	21.48 1.47 -3.97	24.31 1.94 -1.93	29.44 2.03 -4.38	29.72 2.33 0.01	30.19 2.17 -0.57	27.96 1.93 0.01	22.54 1.44 0.00	20.72 1.73 0.00
ASTORIA_EAST_ENERGY_CC2 323582	17.79 0.87 -7.99	16.38 0.85 -6.51	16.28 0.83 -6.44	15.91 0.78 -6.85	16.38 0.80 -6.41	17.86 0.85 -6.89	22.81 1.15 -7.25	25.57 1.63 -3.59	22.24 1.69 -0.17	21.05 1.52 0.01	21.05 1.63 0.01	20.12 1.65 -0.12	20.05 1.64 0.01	20.41 1.47 -2.77	20.50 1.50 -3.03	20.95 1.56 -3.53	21.48 1.47 -3.97	24.31 1.94 -1.93	29.44 2.03 -4.38	29.72 2.33 0.01	30.19 2.17 -0.57	27.96 1.93 0.01	22.54 1.44 0.00	20.72 1.73 0.00
ASTORIA_GT2_1 24094	17.80 0.88 -7.99	16.37 0.85 -6.51	16.27 0.83 -6.43	15.92 0.79 -6.85	16.37 0.80 -6.40	17.86 0.85 -6.89	22.81 1.15 -7.25	25.58 1.63 -3.60	22.27 1.71 -0.18	21.06 1.52 0.00	20.98 1.55 0.00	20.14 1.67 -0.13	20.08 1.66 0.00	20.44 1.49 -2.78	20.53 1.52 -3.04	20.96 1.55 -3.54	21.50 1.48 -3.98	24.32 1.94 -1.94	29.45 2.03 -4.39	29.73 2.33 0.00	30.25 2.22 -0.58	28.00 1.95 0.00	22.56 1.46 0.00	20.74 1.75 0.00
ASTORIA_GT2_2 24095	17.80 0.88 -7.99	16.37 0.85 -6.51	16.27 0.83 -6.43	15.92 0.79 -6.85	16.37 0.80 -6.40	17.86 0.85 -6.89	22.81 1.15 -7.25	25.58 1.63 -3.60	22.27 1.71 -0.18	21.06 1.52 0.00	20.98 1.55 0.00	20.14 1.67 -0.13	20.08 1.66 0.00	20.44 1.49 -2.78	20.53 1.52 -3.04	20.96 1.55 -3.54	21.50 1.48 -3.98	24.32 1.94 -1.94	29.45 2.03 -4.39	29.73 2.33 0.00	30.25 2.22 -0.58	28.00 1.95 0.00	22.56 1.46 0.00	20.74 1.75 0.00
ASTORIA_GT2_3 24096	17.80 0.88 -7.99	16.37 0.85 -6.51	16.27 0.83 -6.43	15.92 0.79 -6.85	16.37 0.80 -6.40	17.86 0.85 -6.89	22.81 1.15 -7.25	25.58 1.63 -3.60	22.27 1.71 -0.18	21.06 1.52 0.00	20.98 1.55 0.00	20.14 1.67 -0.13	20.08 1.66 0.00	20.44 1.49 -2.78	20.53 1.52 -3.04	20.96 1.55 -3.54	21.50 1.48 -3.98	24.32 1.94 -1.94	29.45 2.03 -4.39	29.73 2.33 0.00	30.25 2.22 -0.58	28.00 1.95 0.00	22.56 1.46 0.00	20.74 1.75 0.00
ASTORIA_GT2_4 24097	17.80 0.88 -7.99	16.37 0.85 -6.51	16.27 0.83 -6.43	15.92 0.79 -6.85	16.37 0.80 -6.40	17.86 0.85 -6.89	22.81 1.15 -7.25	25.58 1.63 -3.60	22.27 1.71 -0.18	21.06 1.52 0.00	20.98 1.55 0.00	20.14 1.67 -0.13	20.08 1.66 0.00	20.44 1.49 -2.78	20.53 1.52 -3.04	20.96 1.55 -3.54	21.50 1.48 -3.98	24.32 1.94 -1.94	29.45 2.03 -4.39	29.73 2.33 0.00	30.25 2.22 -0.58	28.00 1.95 0.00	22.56 1.46 0.00	20.74 1.75 0.00
ASTORIA_GT3_1 24098	17.80 0.88 -7.99	16.37 0.85 -6.51	16.27 0.83 -6.43	15.92 0.79 -6.85	16.37 0.80 -6.40	17.86 0.85 -6.89	22.81 1.15 -7.25	25.58 1.63 -3.60	22.27 1.71 -0.18	21.06 1.52 0.00	20.98 1.55 0.00	20.14 1.67 -0.13	20.08 1.66 0.00	20.44 1.49 -2.78	20.53 1.52 -3.04	20.96 1.55 -3.54	21.50 1.48 -3.98	24.32 1.94 -1.94	29.45 2.03 -4.39	29.73 2.33 0.00	30.25 2.22 -0.58	28.00 1.95 0.00	22.56 1.46 0.00	20.74 1.75 0.00
ASTORIA_GT3_2 24099	17.80 0.88 -7.99	16.37 0.85 -6.51	16.27 0.83 -6.43	15.92 0.79 -6.85	16.37 0.80 -6.40	17.86 0.85 -6.89	22.81 1.15 -7.25	25.58 1.63 -3.60	22.27 1.71 -0.18	21.06 1.52 0.00	20.98 1.55 0.00	20.14 1.67 -0.13	20.08 1.66 0.00	20.44 1.49 -2.78	20.53 1.52 -3.04	20.96 1.55 -3.54	21.50 1.48 -3.98	24.32 1.94 -1.94	29.45 2.03 -4.39	29.73 2.33 0.00	30.25 2.22 -0.58	28.00 1.95 0.00	22.56 1.46 0.00	20.74 1.75 0.00
ASTORIA_GT3_3 24100	17.80 0.88 -7.99	16.37 0.85 -6.51	16.27 0.83 -6.43	15.92 0.79 -6.85	16.37 0.80 -6.40	17.86 0.85 -6.89	22.81 1.15 -7.25	25.58 1.63 -3.60	22.27 1.71 -0.18	21.06 1.52 0.00	20.98 1.55 0.00	20.14 1.67 -0.13	20.08 1.66 0.00	20.44 1.49 -2.78	20.53 1.52 -3.04	20.96 1.55 -3.54	21.50 1.48 -3.98	24.32 1.94 -1.94	29.45 2.03 -4.39	29.73 2.33 0.00	30.25 2.22 -0.58	28.00 1.95 0.00	22.56 1.46 0.00	20.74 1.75 0.00
ASTORIA_GT3_4 24101	17.80 0.88 -7.99	16.37 0.85 -6.51	16.27 0.83 -6.43	15.92 0.79 -6.85	16.37 0.80 -6.40	17.86 0.85 -6.89	22.81 1.15 -7.25	25.58 1.63 -3.60	22.27 1.71 -0.18	21.06 1.52 0.00	20.98 1.55 0.00	20.14 1.67 -0.13	20.08 1.66 0.00	20.44 1.49 -2.78	20.53 1.52 -3.04	20.96 1.55 -3.54	21.50 1.48 -3.98	24.32 1.94 -1.94	29.45 2.03 -4.39	29.73 2.33 0.00	30.25 2.22 -0.58	28.00 1.95 0.00	22.56 1.46 0.00	20.74 1.75 0.00
ASTORIA_GT4_1 24102	17.80 0.88 -7.99	16.37 0.85 -6.51	16.27 0.83 -6.43	15.92 0.79 -6.85	16.37 0.80 -6.40	17.86 0.85 -6.89	22.81 1.15 -7.25	25.58 1.63 -3.60	22.27 1.71 -0.18	21.06 1.52 0.00	20.98 1.55 0.00	20.14 1.67 -0.13	20.08 1.66 0.00	20.44 1.49 -2.78	20.53 1.52 -3.04	20.96 1.55 -3.54	21.50 1.48 -3.98	24.32 1.94 -1.94	29.45 2.03 -4.39	29.73 2.33 0.00	30.25 2.22 -0.58	28.00 1.95 0.00	22.56 1.46 0.00	20.74 1.75 0.00
ASTORIA_GT4_2 24103	17.80 0.88 -7.99	16.37 0.85 -6.51	16.27 0.83 -6.43	15.92 0.79 -6.85	16.37 0.80 -6.40	17.86 0.85 -6.89	22.81 1.15 -7.25	25.58 1.63 -3.60	22.27 1.71 -0.18	21.06 1.52 0.00	20.98 1.55 0.00	20.14 1.67 -0.13	20.08 1.66 0.00	20.44 1.49 -2.78	20.53 1.52 -3.04	20.96 1.55 -3.54	21.50 1.48 -3.98	24.32 1.94 -1.94	29.45 2.03 -4.39	29.73 2.33 0.00	30.25 2.22 -0.58	28.00 1.95 0.00	22.56 1.46 0.00	20.74 1.75 0.00
ASTORIA_GT4_3 24104	17.80 0.88 -7.99	16.37 0.85 -6.51	16.27 0.83 -6.43	15.92 0.79 -6.85	16.37 0.80 -6.40	17.86 0.85 -6.89	22.81 1.15 -7.25	25.58 1.63 -3.60	22.27 1.71 -0.18	21.06 1.52 0.00	20.98 1.55 0.00	20.14 1.67 -0.13	20.08 1.66 0.00	20.44 1.49 -2.78	20.53 1.52 -3.04	20.96 1.55 -3.54	21.50 1.48 -3.98	24.32 1.94 -1.94	29.45 2.03 -4.39	29.73 2.33 0.00	30.25 2.22 -0.58	28.00 1.95 0.00	22.56 1.46 0.00	20.74 1.75 0.00
ASTORIA_GT4_4 24105	17.80 0.88 -7.99	16.37 0.85 -6.51	16.27 0.83 -6.43	15.92 0.79 -6.85	16.37 0.80 -6.40	17.86 0.85 -6.89	22.81 1.15 -7.25	25.58 1.63 -3.60	22.27 1.71 -0.18	21.06 1.52 0.00	20.98 1.55 0.00	20.14 1.67 -0.13	20.08 1.66 0.00	20.44 1.49 -2.78	20.53 1.52 -3.04	20.96 1.55 -3.54	21.50 1.48 -3.98	24.32 1.94 -1.94	29.45 2.03 -4.39	29.73 2.33 0.00	30.25 2.22 -0.58	28.00 1.95 0.00	22.56 1.46 0.00	20.74 1.75 0.00
ASTORIA_GT_1 23523	17.81 0.88 -7.99	16.39 0.86 -6.51	16.29 0.84 -6.44	15.92 0.79 -6.85	16.40 0.82 -6.41	17.87 0.86 -6.89	22.84 1.18 -7.25	25.61 1.67 -3.59	22.28 1.73 -0.17	21.09 1.56 0.01	21.09 1.67 0.01	20.17 1.71 -0.12	20.09 1.68 0.01	20.45 1.50 -2.77	20.53 1.53 -3.03	20.98 1.59 -3.53	21.52 1.51 -3.97	24.35 1.98 -1.93	29.49 2.07 -4.38	29.78 2.38 0.01	30.27 2.25 -0.57	28.04 2.01 0.01	22.58 1.48 0.00	20.76 1.77 0.00

ASTORIA_GT_10 24110	17.76 0.84 -7.99	16.32 0.80 -6.51	16.22 0.78 -6.43	15.87 0.75 -6.85	16.33 0.75 -6.40	17.82 0.81 -6.89	22.86 1.20 -7.25	25.66 1.71 -3.60	22.33 1.77 -0.18	21.14 1.60 0.00	21.04 1.61 0.00	20.20 1.72 -0.13	20.12 1.69 0.00	20.49 1.54 -2.78	20.57 1.56 -3.04	21.00 1.60 -3.54	21.56 1.54 -3.98	24.38 2.00 -1.94	29.52 2.10 -4.39	29.81 2.41 0.00	30.36 2.33 -0.58	28.10 2.06 0.00	22.65 1.54 0.00	20.67 1.67 0.00
ASTORIA_GT_11 24225	17.76 0.84 -7.99	16.32 0.80 -6.51	16.22 0.78 -6.43	15.87 0.75 -6.85	16.33 0.75 -6.40	17.82 0.81 -6.89	22.86 1.20 -7.25	25.66 1.71 -3.60	22.33 1.77 -0.18	21.14 1.60 0.00	21.04 1.61 0.00	20.20 1.72 -0.13	20.12 1.69 0.00	20.49 1.54 -2.78	20.57 1.56 -3.04	21.00 1.60 -3.54	21.56 1.54 -3.98	24.38 2.00 -1.94	29.52 2.10 -4.39	29.81 2.41 0.00	30.36 2.33 -0.58	28.10 2.06 0.00	22.65 1.54 0.00	20.67 1.67 0.00
ASTORIA_GT_12 24226	17.76 0.84 -7.99	16.32 0.80 -6.51	16.22 0.78 -6.43	15.87 0.75 -6.85	16.33 0.75 -6.40	17.82 0.81 -6.89	22.86 1.20 -7.25	25.66 1.71 -3.60	22.33 1.77 -0.18	21.14 1.60 0.00	21.14 1.71 0.00	20.20 1.72 -0.13	20.11 1.69 0.00	20.49 1.54 -2.78	20.57 1.57 -3.04	21.00 1.60 -3.54	21.56 1.54 -3.98	24.38 2.00 -1.94	29.52 2.10 -4.39	29.81 2.41 0.00	30.31 2.28 -0.58	28.10 2.06 0.00	22.65 1.54 0.00	20.65 1.65 0.00
ASTORIA_GT_13 24227	17.76 0.84 -7.99	16.32 0.80 -6.51	16.22 0.78 -6.43	15.87 0.75 -6.85	16.33 0.75 -6.40	17.82 0.81 -6.89	22.86 1.20 -7.25	25.66 1.71 -3.60	22.33 1.77 -0.18	21.14 1.60 0.00	21.14 1.71 0.00	20.20 1.72 -0.13	20.11 1.69 0.00	20.49 1.54 -2.78	20.57 1.57 -3.04	21.00 1.60 -3.54	21.56 1.54 -3.98	24.38 2.00 -1.94	29.52 2.10 -4.39	29.81 2.41 0.00	30.31 2.28 -0.58	28.10 2.06 0.00	22.65 1.54 0.00	20.65 1.65 0.00
ASTORIA_GT_5 24106	17.81 0.88 -7.99	16.39 0.86 -6.51	16.29 0.84 -6.44	15.92 0.79 -6.85	16.40 0.82 -6.41	17.87 0.86 -6.89	22.84 1.18 -7.25	25.61 1.67 -3.59	22.28 1.73 -0.17	21.09 1.56 0.01	21.09 1.67 0.01	20.17 1.71 -0.12	20.09 1.68 0.01	20.45 1.50 -2.77	20.53 1.53 -3.03	20.98 1.59 -3.53	21.52 1.51 -3.97	24.35 1.98 -1.93	29.49 2.07 -4.38	29.78 2.38 0.01	30.27 2.25 -0.57	28.04 2.01 0.01	22.58 1.48 0.00	20.76 1.77 0.00
ASTORIA_GT_7 24107	17.81 0.88 -7.99	16.39 0.86 -6.51	16.29 0.84 -6.44	15.92 0.79 -6.85	16.40 0.82 -6.41	17.87 0.86 -6.89	22.84 1.18 -7.25	25.61 1.67 -3.59	22.28 1.73 -0.17	21.09 1.56 0.01	21.09 1.67 0.01	20.17 1.71 -0.12	20.09 1.68 0.01	20.45 1.50 -2.77	20.53 1.53 -3.03	20.98 1.59 -3.53	21.52 1.51 -3.97	24.35 1.98 -1.93	29.49 2.07 -4.38	29.78 2.38 0.01	30.27 2.25 -0.57	28.04 2.01 0.01	22.58 1.48 0.00	20.76 1.77 0.00
ASTORIA_GT_8 24108	17.81 0.88 -7.99	16.38 0.86 -6.51	16.28 0.84 -6.43	15.92 0.79 -6.85	16.39 0.82 -6.40	17.87 0.86 -6.89	22.84 1.18 -7.25	25.62 1.67 -3.60	22.29 1.73 -0.18	21.10 1.56 0.00	21.00 1.57 0.00	20.18 1.71 -0.13	20.10 1.68 0.00	20.45 1.50 -2.78	20.54 1.53 -3.04	20.99 1.59 -3.54	21.53 1.51 -3.98	24.36 1.98 -1.94	29.50 2.07 -4.39	29.79 2.38 0.00	30.31 2.28 -0.58	28.05 2.01 0.00	22.58 1.48 0.00	20.78 1.79 0.00
ASTORIA___2 24149	17.80 0.88 -7.99	16.38 0.85 -6.51	16.28 0.83 -6.44	15.92 0.79 -6.85	16.38 0.80 -6.41	17.86 0.85 -6.89	22.81 1.15 -7.25	25.57 1.63 -3.59	22.26 1.71 -0.17	21.07 1.54 0.01	21.05 1.63 0.01	20.13 1.67 -0.12	20.07 1.66 0.01	20.43 1.49 -2.77	20.52 1.52 -3.03	20.95 1.56 -3.53	21.48 1.47 -3.97	24.31 1.94 -1.93	29.44 2.03 -4.38	29.72 2.33 0.01	30.22 2.20 -0.57	27.99 1.95 0.01	22.56 1.46 0.00	20.72 1.73 0.00
ASTORIA___3 23516	17.76 0.84 -7.99	16.32 0.80 -6.51	16.22 0.78 -6.43	15.87 0.75 -6.85	16.33 0.75 -6.40	17.82 0.81 -6.89	22.86 1.20 -7.25	25.66 1.71 -3.60	22.33 1.77 -0.18	21.14 1.60 0.00	21.14 1.71 0.00	20.20 1.72 -0.13	20.11 1.69 0.00	20.49 1.54 -2.78	20.57 1.57 -3.04	21.00 1.60 -3.54	21.56 1.54 -3.98	24.38 2.00 -1.94	29.52 2.10 -4.39	29.81 2.41 0.00	30.31 2.28 -0.58	28.10 2.06 0.00	22.65 1.54 0.00	20.65 1.65 0.00
ASTORIA___4 23517	17.76 0.84 -7.99	16.32 0.80 -6.51	16.22 0.78 -6.43	15.87 0.75 -6.85	16.33 0.75 -6.40	17.82 0.81 -6.89	22.86 1.20 -7.25	25.66 1.71 -3.60	22.33 1.77 -0.18	21.14 1.60 0.00	21.04 1.61 0.00	20.20 1.72 -0.13	20.12 1.69 0.00	20.49 1.54 -2.78	20.57 1.56 -3.04	21.00 1.60 -3.54	21.56 1.54 -3.98	24.38 2.00 -1.94	29.52 2.10 -4.39	29.81 2.41 0.00	30.36 2.33 -0.58	28.10 2.06 0.00	22.65 1.54 0.00	20.67 1.67 0.00
ASTORIA___5 23518	17.76 0.84 -7.99	16.32 0.80 -6.51	16.22 0.78 -6.43	15.87 0.75 -6.85	16.33 0.75 -6.40	17.82 0.81 -6.89	22.86 1.20 -7.25	25.66 1.71 -3.60	22.33 1.77 -0.18	21.14 1.60 0.00	21.14 1.71 0.00	20.20 1.72 -0.13	20.11 1.69 0.00	20.49 1.54 -2.78	20.57 1.57 -3.04	21.00 1.60 -3.54	21.56 1.54 -3.98	24.38 2.00 -1.94	29.52 2.10 -4.39	29.81 2.41 0.00	30.31 2.28 -0.58	28.10 2.06 0.00	22.65 1.54 0.00	20.65 1.65 0.00
AST_ENERGY_2_CC3 323677	17.71 0.79 -7.98	16.28 0.76 -6.51	16.18 0.74 -6.43	15.82 0.70 -6.84	16.29 0.72 -6.40	17.79 0.78 -6.89	22.84 1.18 -7.25	25.64 1.69 -3.60	22.33 1.77 -0.18	21.14 1.60 0.00	21.10 1.67 0.00	20.14 1.67 -0.13	20.08 1.66 0.00	20.45 1.50 -2.78	20.52 1.52 -3.04	20.96 1.56 -3.54	21.51 1.49 -3.98	24.32 1.94 -1.94	29.47 2.05 -4.39	29.76 2.36 0.00	30.25 2.22 -0.58	28.08 2.03 0.00	22.67 1.56 0.00	20.55 1.56 0.00
AST_ENERGY_2_CC4 323678	17.71 0.79 -7.98	16.28 0.76 -6.51	16.18 0.74 -6.43	15.82 0.70 -6.84	16.29 0.72 -6.40	17.79 0.78 -6.89	22.84 1.18 -7.25	25.64 1.69 -3.60	22.33 1.77 -0.18	21.14 1.60 0.00	21.10 1.67 0.00	20.14 1.67 -0.13	20.08 1.66 0.00	20.45 1.50 -2.78	20.52 1.52 -3.04	20.96 1.56 -3.54	21.51 1.49 -3.98	24.32 1.94 -1.94	29.47 2.05 -4.39	29.76 2.36 0.00	30.25 2.22 -0.58	28.08 2.03 0.00	22.67 1.56 0.00	20.55 1.56 0.00
ATHENS_STG_1 23668	18.64 0.40 -9.31	17.00 0.40 -7.59	16.90 0.40 -7.50	16.63 0.37 -7.98	17.04 0.40 -7.47	18.59 0.43 -8.04	23.48 0.62 -8.45	25.39 0.83 -4.19	21.48 0.90 -0.21	20.34 0.80 0.00	20.24 0.82 0.00	19.34 0.84 -0.15	19.25 0.83 0.00	20.15 0.74 -3.24	20.23 0.72 -3.54	20.70 0.71 -4.13	21.38 0.70 -4.64	23.45 0.92 -2.09	28.62 1.01 -4.57	28.61 1.20 0.00	29.21 1.15 -0.61	27.11 1.07 0.00	21.95 0.85 0.00	19.81 0.82 0.00
ATHENS_STG_2 23670	18.64 0.40 -9.31	17.00 0.40 -7.59	16.90 0.40 -7.50	16.63 0.37 -7.98	17.04 0.40 -7.47	18.59 0.43 -8.04	23.48 0.62 -8.45	25.39 0.83 -4.19	21.48 0.90 -0.21	20.34 0.80 0.00	20.24 0.82 0.00	19.34 0.84 -0.15	19.25 0.83 0.00	20.15 0.74 -3.24	20.23 0.72 -3.54	20.70 0.71 -4.13	21.38 0.70 -4.64	23.45 0.92 -2.09	28.62 1.01 -4.57	28.61 1.20 0.00	29.21 1.15 -0.61	27.11 1.07 0.00	21.95 0.85 0.00	19.81 0.82 0.00

ATHENS_STG_3 23677	18.64 0.40 -9.31	17.00 0.40 -7.59	16.90 0.40 -7.50	16.63 0.37 -7.98	17.04 0.40 -7.47	18.59 0.43 -8.04	23.48 0.62 -8.45	25.39 0.83 -4.19	21.48 0.90 -0.21	20.34 0.80 0.00	20.24 0.82 0.00	19.34 0.84 -0.15	19.25 0.83 0.00	20.15 0.74 -3.24	20.23 0.72 -3.54	20.70 0.71 -4.13	21.38 0.70 -4.64	23.45 0.92 -2.09	28.62 1.01 -4.57	28.61 1.20 0.00	29.21 1.15 -0.61	27.11 1.07 0.00	21.95 0.85 0.00	19.81 0.82 0.00
AUBURN___LFGE 323710	10.11 0.16 -1.02	10.01 0.16 -0.83	9.99 0.16 -0.82	9.30 0.15 -0.87	10.15 0.17 -0.82	11.20 0.20 -0.88	15.63 0.29 -0.92	21.28 0.47 -0.46	20.71 0.31 -0.02	19.91 0.37 0.00	19.85 0.43 0.00	18.65 0.29 -0.02	18.83 0.41 0.00	16.79 0.26 -0.36	16.73 0.37 -0.39	16.66 0.35 -0.46	16.90 0.35 -0.51	21.14 0.47 -0.23	24.04 0.51 -0.50	28.03 0.63 0.00	28.01 0.49 -0.07	26.59 0.55 0.00	21.51 0.40 0.00	19.34 0.34 0.00
BABYLON_RES_REC 323704	24.70 0.92 -14.84	21.70 0.89 -11.79	19.80 0.88 -9.91	19.18 0.83 -10.07	19.98 0.87 -9.94	21.61 0.96 -10.53	28.24 1.43 -12.40	28.47 2.10 -6.01	28.23 1.79 -6.06	23.51 1.60 -2.37	25.29 1.67 -4.20	25.23 1.69 -5.20	25.31 1.81 -5.08	26.38 1.52 -8.68	27.81 1.61 -10.23	28.13 1.71 -10.56	30.54 1.68 -12.81	41.28 2.27 -18.57	44.72 2.49 -19.20	39.20 2.90 -8.89	39.20 2.80 -8.95	34.87 2.39 -6.43	27.78 1.90 -4.77	24.65 1.84 -3.81
BABYLON__69_KV_BK2 356345	24.77 0.99 -14.84	21.78 0.97 -11.79	19.87 0.95 -9.91	19.26 0.90 -10.07	20.05 0.94 -9.94	21.69 1.04 -10.53	28.36 1.54 -12.40	28.61 2.24 -6.01	28.39 1.92 -6.10	23.65 1.72 -2.39	25.36 1.71 -4.23	25.38 1.80 -5.24	25.45 1.92 -5.12	26.52 1.62 -8.73	27.96 1.71 -10.28	28.25 1.82 -10.56	30.67 1.81 -12.82	41.42 2.41 -18.57	44.93 2.70 -19.20	39.47 3.18 -8.89	39.39 2.99 -8.95	35.16 2.68 -6.43	27.95 2.07 -4.77	24.82 2.01 -3.81
BARON_WINDS___WT_PWR 323822	10.98 0.14 -1.90	10.71 0.14 -1.55	10.70 0.16 -1.53	10.07 0.16 -1.63	10.85 0.16 -1.53	11.92 0.16 -1.64	16.36 0.22 -1.73	21.09 -0.12 -0.85	20.44 0.02 -0.04	19.77 0.24 0.00	19.66 0.23 0.00	18.50 0.13 -0.03	18.57 0.15 0.00	16.83 0.00 -0.66	16.70 0.02 -0.72	16.68 -0.02 -0.84	16.95 -0.03 -0.94	20.89 0.02 -0.43	24.01 0.05 -0.93	27.60 0.19 0.00	28.19 0.60 -0.14	26.44 0.39 0.00	21.61 0.51 0.00	19.45 0.46 0.00
BARRETT_IC_1 23704	24.67 0.89 -14.84	21.67 0.86 -11.79	19.77 0.85 -9.91	19.15 0.79 -10.07	19.94 0.83 -9.94	21.57 0.92 -10.53	28.17 1.35 -12.40	28.26 1.89 -6.01	28.64 1.90 -6.37	23.77 1.74 -2.49	25.61 1.77 -4.42	25.61 1.80 -5.47	25.61 1.84 -5.35	26.77 1.60 -9.00	28.19 1.61 -10.61	28.02 1.60 -10.56	30.36 1.51 -12.81	40.97 1.96 -18.57	44.37 2.14 -19.20	38.79 2.49 -8.89	38.79 2.39 -8.95	34.59 2.11 -6.43	27.70 1.82 -4.77	24.59 1.78 -3.81
BARRETT_IC_10 23701	24.67 0.89 -14.84	21.67 0.86 -11.79	19.77 0.85 -9.91	19.15 0.79 -10.07	19.94 0.83 -9.94	21.57 0.92 -10.53	28.17 1.35 -12.40	28.26 1.89 -6.01	28.64 1.90 -6.37	23.77 1.74 -2.49	25.61 1.77 -4.42	25.61 1.80 -5.47	25.61 1.84 -5.35	26.77 1.60 -9.00	28.19 1.61 -10.61	28.02 1.60 -10.56	30.36 1.51 -12.81	40.97 1.96 -18.57	44.37 2.14 -19.20	38.79 2.49 -8.89	38.79 2.39 -8.95	34.59 2.11 -6.43	27.70 1.82 -4.77	24.59 1.78 -3.81
BARRETT_IC_11 23702	24.67 0.89 -14.84	21.67 0.86 -11.79	19.77 0.85 -9.91	19.15 0.79 -10.07	19.94 0.83 -9.94	21.57 0.92 -10.53	28.17 1.35 -12.40	28.26 1.89 -6.01	28.64 1.90 -6.37	23.77 1.74 -2.49	25.61 1.77 -4.42	25.61 1.80 -5.47	25.61 1.84 -5.35	26.77 1.60 -9.00	28.19 1.61 -10.61	28.02 1.60 -10.56	30.36 1.51 -12.81	40.97 1.96 -18.57	44.37 2.14 -19.20	38.79 2.49 -8.89	38.79 2.39 -8.95	34.59 2.11 -6.43	27.70 1.82 -4.77	24.59 1.78 -3.81
BARRETT_IC_12 23703	24.67 0.89 -14.84	21.67 0.86 -11.79	19.77 0.85 -9.91	19.15 0.79 -10.07	19.94 0.83 -9.94	21.57 0.92 -10.53	28.17 1.35 -12.40	28.26 1.89 -6.01	28.64 1.90 -6.37	23.77 1.74 -2.49	25.61 1.77 -4.42	25.61 1.80 -5.47	25.61 1.84 -5.35	26.77 1.60 -9.00	28.19 1.61 -10.61	28.02 1.60 -10.56	30.36 1.51 -12.81	40.97 1.96 -18.57	44.37 2.14 -19.20	38.79 2.49 -8.89	38.79 2.39 -8.95	34.59 2.11 -6.43	27.70 1.82 -4.77	24.59 1.78 -3.81
BARRETT_IC_2 23705	24.67 0.89 -14.84	21.67 0.86 -11.79	19.77 0.85 -9.91	19.15 0.79 -10.07	19.94 0.83 -9.94	21.57 0.92 -10.53	28.17 1.35 -12.40	28.26 1.89 -6.01	28.64 1.90 -6.37	23.77 1.74 -2.49	25.61 1.77 -4.42	25.61 1.80 -5.47	25.61 1.84 -5.35	26.77 1.60 -9.00	28.19 1.61 -10.61	28.02 1.60 -10.56	30.36 1.51 -12.81	40.97 1.96 -18.57	44.37 2.14 -19.20	38.79 2.49 -8.89	38.79 2.39 -8.95	34.59 2.11 -6.43	27.70 1.82 -4.77	24.59 1.78 -3.81
BARRETT_IC_3 23706	24.67 0.89 -14.84	21.67 0.86 -11.79	19.77 0.85 -9.91	19.15 0.79 -10.07	19.94 0.83 -9.94	21.57 0.92 -10.53	28.17 1.35 -12.40	28.26 1.89 -6.01	28.64 1.90 -6.37	23.77 1.74 -2.49	25.61 1.77 -4.42	25.61 1.80 -5.47	25.61 1.84 -5.35	26.77 1.60 -9.00	28.19 1.61 -10.61	28.02 1.60 -10.56	30.36 1.51 -12.81	40.97 1.96 -18.57	44.37 2.14 -19.20	38.79 2.49 -8.89	38.79 2.39 -8.95	34.59 2.11 -6.43	27.70 1.82 -4.77	24.59 1.78 -3.81
BARRETT_IC_4 23707	24.67 0.89 -14.84	21.67 0.86 -11.79	19.77 0.85 -9.91	19.15 0.79 -10.07	19.94 0.83 -9.94	21.57 0.92 -10.53	28.17 1.35 -12.40	28.26 1.89 -6.01	28.64 1.90 -6.37	23.77 1.74 -2.49	25.61 1.77 -4.42	25.61 1.80 -5.47	25.61 1.84 -5.35	26.77 1.60 -9.00	28.19 1.61 -10.61	28.02 1.60 -10.56	30.36 1.51 -12.81	40.97 1.96 -18.57	44.37 2.14 -19.20	38.79 2.49 -8.89	38.79 2.39 -8.95	34.59 2.11 -6.43	27.70 1.82 -4.77	24.59 1.78 -3.81
BARRETT_IC_5 23708	24.67 0.89 -14.84	21.67 0.86 -11.79	19.77 0.85 -9.91	19.15 0.79 -10.07	19.94 0.83 -9.94	21.57 0.92 -10.53	28.17 1.35 -12.40	28.26 1.89 -6.01	28.64 1.90 -6.37	23.77 1.74 -2.49	25.61 1.77 -4.42	25.61 1.80 -5.47	25.61 1.84 -5.35	26.77 1.60 -9.00	28.19 1.61 -10.61	28.02 1.60 -10.56	30.36 1.51 -12.81	40.97 1.96 -18.57	44.37 2.14 -19.20	38.79 2.49 -8.89	38.79 2.39 -8.95	34.59 2.11 -6.43	27.70 1.82 -4.77	24.59 1.78 -3.81
BARRETT_IC_6 23709	24.67 0.89 -14.84	21.67 0.86 -11.79	19.77 0.85 -9.91	19.15 0.79 -10.07	19.94 0.83 -9.94	21.57 0.92 -10.53	28.17 1.35 -12.40	28.26 1.89 -6.01	28.64 1.90 -6.37	23.77 1.74 -2.49	25.61 1.77 -4.42	25.61 1.80 -5.47	25.61 1.84 -5.35	26.77 1.60 -9.00	28.19 1.61 -10.61	28.02 1.60 -10.56	30.36 1.51 -12.81	40.97 1.96 -18.57	44.37 2.14 -19.20	38.79 2.49 -8.89	38.79 2.39 -8.95	34.59 2.11 -6.43	27.70 1.82 -4.77	24.59 1.78 -3.81
BARRETT_IC_7 23710	24.67 0.89 -14.84	21.67 0.86 -11.79	19.77 0.85 -9.91	19.15 0.79 -10.07	19.94 0.83 -9.94	21.57 0.92 -10.53	28.17 1.35 -12.40	28.26 1.89 -6.01	28.64 1.90 -6.37	23.77 1.74 -2.49	25.55 1.71 -4.42	25.61 1.80 -5.47	25.61 1.84 -5.35	26.77 1.60 -9.00	28.19 1.61 -10.61	28.02 1.60 -10.56	30.36 1.51 -12.82	40.97 1.96 -18.57	44.35 2.12 -19.20	38.76 2.47 -8.89	38.76 2.36 -8.95	34.61 2.14 -6.43	27.69 1.82 -4.77	24.61 1.80 -3.81

BARRETT_IC_8 23711	24.67 0.89 -14.84	21.67 0.86 -11.79	19.77 0.85 -9.91	19.15 0.79 -10.07	19.94 0.83 -9.94	21.57 0.92 -10.53	28.17 1.35 -12.40	28.26 1.89 -6.01	28.64 1.90 -6.37	23.77 1.74 -2.49	25.61 1.77 -4.42	25.61 1.80 -5.47	25.61 1.84 -5.35	26.77 1.60 -9.00	28.19 1.61 -10.61	28.02 1.60 -10.56	30.36 1.51 -12.81	40.97 1.96 -18.57	44.37 2.14 -19.20	38.79 2.49 -8.89	38.79 2.39 -8.95	34.59 2.11 -6.43	27.70 1.82 -4.77	24.59 1.78 -3.81
BARRETT_IC_9 23700	24.67 0.89 -14.84	21.67 0.86 -11.79	19.77 0.85 -9.91	19.15 0.79 -10.07	19.94 0.83 -9.94	21.57 0.92 -10.53	28.17 1.35 -12.40	28.26 1.89 -6.01	28.64 1.90 -6.37	23.77 1.74 -2.49	25.61 1.77 -4.42	25.61 1.80 -5.47	25.61 1.84 -5.35	26.77 1.60 -9.00	28.19 1.61 -10.61	28.02 1.60 -10.56	30.36 1.51 -12.81	40.97 1.96 -18.57	44.37 2.14 -19.20	38.79 2.49 -8.89	38.79 2.39 -8.95	34.59 2.11 -6.43	27.70 1.82 -4.77	24.59 1.78 -3.81
BARRETT___1 23545	24.67 0.89 -14.84	21.67 0.86 -11.79	19.77 0.85 -9.91	19.15 0.79 -10.07	19.94 0.83 -9.94	21.57 0.92 -10.53	28.17 1.35 -12.40	28.26 1.89 -6.01	28.64 1.90 -6.37	23.77 1.74 -2.49	25.61 1.77 -4.42	25.61 1.80 -5.47	25.61 1.84 -5.35	26.77 1.60 -9.00	28.19 1.61 -10.61	28.02 1.60 -10.56	30.36 1.51 -12.81	40.97 1.96 -18.57	44.37 2.14 -19.20	38.79 2.49 -8.89	38.79 2.39 -8.95	34.59 2.11 -6.43	27.70 1.82 -4.77	24.59 1.78 -3.81
BARRETT___2 23546	24.67 0.89 -14.84	21.67 0.86 -11.79	19.77 0.85 -9.91	19.15 0.79 -10.07	19.94 0.83 -9.94	21.57 0.92 -10.53	28.17 1.35 -12.40	28.26 1.89 -6.01	28.64 1.90 -6.37	23.77 1.74 -2.49	25.61 1.77 -4.42	25.61 1.80 -5.47	25.61 1.84 -5.35	26.77 1.60 -9.00	28.19 1.61 -10.61	28.02 1.60 -10.56	30.36 1.51 -12.81	40.97 1.96 -18.57	44.37 2.14 -19.20	38.79 2.49 -8.89	38.79 2.39 -8.95	34.59 2.11 -6.43	27.70 1.82 -4.77	24.59 1.78 -3.81
BATAVIA___115KV_TB1 55881	10.23 0.03 -1.27	10.08 0.04 -1.03	10.08 0.05 -1.02	9.42 0.05 -1.09	10.21 0.03 -1.02	11.20 -0.01 -1.10	15.38 -0.19 -1.15	19.94 -0.98 -0.57	19.61 -0.79 -0.03	19.05 -0.49 0.00	19.19 -0.23 0.00	17.78 -0.59 -0.02	17.96 -0.46 0.00	16.14 -0.47 -0.44	15.98 -0.46 -0.48	15.93 -0.49 -0.56	16.11 -0.56 -0.63	20.03 -0.69 -0.28	22.85 -0.81 -0.62	26.47 -0.93 0.00	26.22 -1.32 -0.09	25.31 -0.73 0.00	20.94 -0.17 0.00	18.84 -0.15 0.00
BAYONEEC___CTG1 323682	17.72 0.80 -7.98	16.29 0.77 -6.51	16.19 0.75 -6.43	15.83 0.71 -6.84	16.29 0.72 -6.40	17.80 0.79 -6.89	22.87 1.21 -7.25	25.68 1.73 -3.60	22.35 1.79 -0.18	21.16 1.62 0.00	21.14 1.71 0.00	20.18 1.71 -0.13	20.10 1.68 0.00	20.49 1.54 -2.78	20.56 1.55 -3.04	20.99 1.59 -3.54	21.54 1.52 -3.98	24.36 1.98 -1.94	29.52 2.10 -4.39	29.81 2.41 0.00	30.31 2.28 -0.58	28.10 2.06 0.00	22.67 1.56 0.00	20.57 1.58 0.00
BAYONEEC___CTG10 323750	17.72 0.80 -7.98	16.29 0.77 -6.51	16.19 0.75 -6.43	15.83 0.71 -6.84	16.29 0.72 -6.40	17.80 0.79 -6.89	22.87 1.21 -7.25	25.68 1.73 -3.60	22.35 1.79 -0.18	21.16 1.62 0.00	21.14 1.71 0.00	20.18 1.71 -0.13	20.10 1.68 0.00	20.49 1.54 -2.78	20.56 1.55 -3.04	20.99 1.59 -3.54	21.54 1.52 -3.98	24.36 1.98 -1.94	29.52 2.10 -4.39	29.81 2.41 0.00	30.31 2.28 -0.58	28.10 2.06 0.00	22.67 1.56 0.00	20.57 1.58 0.00
BAYONEEC___CTG2 323683	17.72 0.80 -7.98	16.29 0.77 -6.51	16.19 0.75 -6.43	15.83 0.71 -6.84	16.29 0.72 -6.40	17.80 0.79 -6.89	22.87 1.21 -7.25	25.68 1.73 -3.60	22.35 1.79 -0.18	21.16 1.62 0.00	21.14 1.71 0.00	20.18 1.71 -0.13	20.10 1.68 0.00	20.49 1.54 -2.78	20.56 1.55 -3.04	20.99 1.59 -3.54	21.54 1.52 -3.98	24.36 1.98 -1.94	29.52 2.10 -4.39	29.81 2.41 0.00	30.31 2.28 -0.58	28.10 2.06 0.00	22.67 1.56 0.00	20.57 1.58 0.00
BAYONEEC___CTG3 323684	17.72 0.80 -7.98	16.29 0.77 -6.51	16.19 0.75 -6.43	15.83 0.71 -6.84	16.29 0.72 -6.40	17.80 0.79 -6.89	22.87 1.21 -7.25	25.68 1.73 -3.60	22.35 1.79 -0.18	21.16 1.62 0.00	21.14 1.71 0.00	20.18 1.71 -0.13	20.10 1.68 0.00	20.49 1.54 -2.78	20.56 1.55 -3.04	20.99 1.59 -3.54	21.54 1.52 -3.98	24.36 1.98 -1.94	29.52 2.10 -4.39	29.81 2.41 0.00	30.31 2.28 -0.58	28.10 2.06 0.00	22.67 1.56 0.00	20.57 1.58 0.00
BAYONEEC___CTG4 323685	17.72 0.80 -7.98	16.29 0.77 -6.51	16.19 0.75 -6.43	15.83 0.71 -6.84	16.29 0.72 -6.40	17.80 0.79 -6.89	22.87 1.21 -7.25	25.68 1.73 -3.60	22.35 1.79 -0.18	21.16 1.62 0.00	21.14 1.71 0.00	20.18 1.71 -0.13	20.10 1.68 0.00	20.49 1.54 -2.78	20.56 1.55 -3.04	20.99 1.59 -3.54	21.54 1.52 -3.98	24.36 1.98 -1.94	29.52 2.10 -4.39	29.81 2.41 0.00	30.31 2.28 -0.58	28.10 2.06 0.00	22.67 1.56 0.00	20.57 1.58 0.00
BAYONEEC___CTG5 323686	17.72 0.80 -7.98	16.29 0.77 -6.51	16.19 0.75 -6.43	15.83 0.71 -6.84	16.29 0.72 -6.40	17.80 0.79 -6.89	22.87 1.21 -7.25	25.68 1.73 -3.60	22.35 1.79 -0.18	21.16 1.62 0.00	21.14 1.71 0.00	20.18 1.71 -0.13	20.10 1.68 0.00	20.49 1.54 -2.78	20.56 1.55 -3.04	20.99 1.59 -3.54	21.54 1.52 -3.98	24.36 1.98 -1.94	29.52 2.10 -4.39	29.81 2.41 0.00	30.31 2.28 -0.58	28.10 2.06 0.00	22.67 1.56 0.00	20.57 1.58 0.00
BAYONEEC___CTG6 323687	17.72 0.80 -7.98	16.29 0.77 -6.51	16.19 0.75 -6.43	15.83 0.71 -6.84	16.29 0.72 -6.40	17.80 0.79 -6.89	22.87 1.21 -7.25	25.68 1.73 -3.60	22.35 1.79 -0.18	21.16 1.62 0.00	21.14 1.71 0.00	20.18 1.71 -0.13	20.10 1.68 0.00	20.49 1.54 -2.78	20.56 1.55 -3.04	20.99 1.59 -3.54	21.54 1.52 -3.98	24.36 1.98 -1.94	29.52 2.10 -4.39	29.81 2.41 0.00	30.31 2.28 -0.58	28.10 2.06 0.00	22.67 1.56 0.00	20.57 1.58 0.00
BAYONEEC___CTG7 323688	17.72 0.80 -7.98	16.29 0.77 -6.51	16.19 0.75 -6.43	15.83 0.71 -6.84	16.29 0.72 -6.40	17.80 0.79 -6.89	22.87 1.21 -7.25	25.68 1.73 -3.60	22.35 1.79 -0.18	21.16 1.62 0.00	21.14 1.71 0.00	20.18 1.71 -0.13	20.10 1.68 0.00	20.49 1.54 -2.78	20.56 1.55 -3.04	20.99 1.59 -3.54	21.54 1.52 -3.98	24.36 1.98 -1.94	29.52 2.10 -4.39	29.81 2.41 0.00	30.31 2.28 -0.58	28.10 2.06 0.00	22.67 1.56 0.00	20.57 1.58 0.00
BAYONEEC___CTG8 323689	17.72 0.80 -7.98	16.29 0.77 -6.51	16.19 0.75 -6.43	15.83 0.71 -6.84	16.29 0.72 -6.40	17.80 0.79 -6.89	22.87 1.21 -7.25	25.68 1.73 -3.60	22.35 1.79 -0.18	21.16 1.62 0.00	21.14 1.71 0.00	20.18 1.71 -0.13	20.10 1.68 0.00	20.49 1.54 -2.78	20.56 1.55 -3.04	20.99 1.59 -3.54	21.54 1.52 -3.98	24.36 1.98 -1.94	29.52 2.10 -4.39	29.81 2.41 0.00	30.31 2.28 -0.58	28.10 2.06 0.00	22.67 1.56 0.00	20.57 1.58 0.00
BAYONEEC___CTG9 323749	17.72 0.80 -7.98	16.29 0.77 -6.51	16.19 0.75 -6.43	15.83 0.71 -6.84	16.29 0.72 -6.40	17.80 0.79 -6.89	22.87 1.21 -7.25	25.68 1.73 -3.60	22.35 1.79 -0.18	21.16 1.62 0.00	21.14 1.71 0.00	20.18 1.71 -0.13	20.10 1.68 0.00	20.49 1.54 -2.78	20.56 1.55 -3.04	20.99 1.59 -3.54	21.54 1.52 -3.98	24.36 1.98 -1.94	29.52 2.10 -4.39	29.81 2.41 0.00	30.31 2.28 -0.58	28.10 2.06 0.00	22.67 1.56 0.00	20.57 1.58 0.00

BEACON___LESR 323632	19.47 0.42 -10.12	17.71 0.45 -8.25	17.62 0.46 -8.16	17.37 0.41 -8.67	17.76 0.47 -8.12	19.37 0.52 -8.74	24.32 0.72 -9.19	25.79 0.87 -4.56	21.60 1.00 -0.22	20.44 0.90 0.00	20.32 0.89 0.00	19.41 0.90 -0.16	19.31 0.88 0.00	20.47 0.78 -3.52	20.58 0.77 -3.85	21.09 0.75 -4.49	21.82 0.74 -5.04	23.53 0.92 -2.17	28.76 1.08 -4.64	28.72 1.32 0.00	29.91 1.29 -1.17	27.24 1.20 0.00	22.08 0.97 0.00	19.83 0.83 0.00
BEAVER RIVER___HYD 24048	9.25 -0.01 -0.32	9.28 0.00 -0.26	9.33 0.06 -0.26	8.60 0.04 -0.28	9.52 0.09 -0.26	10.50 0.10 -0.28	14.86 0.16 -0.29	20.62 0.12 -0.14	20.28 -0.10 -0.01	19.46 -0.08 0.00	19.29 -0.14 0.00	18.09 -0.26 -0.01	18.15 -0.28 0.00	15.93 -0.36 -0.12	15.70 -0.40 -0.13	15.64 -0.36 -0.15	15.89 -0.32 -0.17	20.29 -0.22 -0.08	23.11 -0.09 -0.16	27.43 0.03 0.00	27.67 0.22 0.00	26.41 0.36 0.00	21.38 0.27 0.00	19.22 0.23 0.00
BEEBEE_GT_13 23619	10.03 0.09 -1.00	9.92 0.09 -0.82	9.91 0.10 -0.81	9.22 0.08 -0.86	10.07 0.09 -0.80	11.06 0.08 -0.87	15.37 0.04 -0.91	20.46 -0.35 -0.45	20.09 -0.31 -0.02	19.42 -0.12 0.00	19.52 0.10 0.00	18.18 -0.18 -0.02	18.35 -0.07 0.00	16.46 -0.06 -0.35	16.28 -0.06 -0.38	16.22 -0.08 -0.44	16.41 -0.13 -0.50	20.52 -0.14 -0.22	23.34 -0.18 -0.49	27.13 -0.27 0.00	27.00 -0.52 -0.07	25.84 -0.21 0.00	21.13 0.02 0.00	18.99 0.00 0.00
BENSHRST_27_KV_BENSHRST_1 355998	17.83 0.90 -7.99	16.38 0.86 -6.51	16.27 0.83 -6.43	15.92 0.79 -6.85	16.37 0.80 -6.40	17.87 0.86 -6.89	22.94 1.28 -7.25	25.83 1.87 -3.60	22.47 1.92 -0.18	21.26 1.72 0.00	21.15 1.73 0.00	20.31 1.83 -0.13	20.24 1.82 0.00	20.60 1.65 -2.78	20.68 1.68 -3.04	21.15 1.74 -3.54	21.67 1.65 -3.98	24.57 2.19 -1.94	29.75 2.33 -4.39	30.12 2.71 0.00	30.64 2.61 -0.58	28.39 2.34 0.00	22.84 1.73 0.00	20.84 1.84 0.00
BETHLEHEM___GRP 23843	19.35 0.28 -10.14	17.59 0.31 -8.27	17.51 0.32 -8.18	17.26 0.29 -8.69	17.63 0.32 -8.14	19.21 0.33 -8.76	24.05 0.43 -9.21	25.47 0.55 -4.57	21.27 0.67 -0.22	20.12 0.59 0.00	19.99 0.56 0.00	19.13 0.62 -0.16	19.05 0.63 0.00	20.23 0.53 -3.52	20.38 0.54 -3.87	20.89 0.52 -4.51	21.62 0.51 -5.07	23.24 0.61 -2.18	28.43 0.71 -4.69	28.25 0.85 0.00	29.42 0.82 -1.15	26.77 0.73 0.00	21.74 0.63 0.00	19.54 0.55 0.00
BETHLEHEM___GS1 323560	19.35 0.28 -10.14	17.59 0.31 -8.27	17.51 0.32 -8.18	17.26 0.29 -8.69	17.63 0.32 -8.14	19.21 0.33 -8.76	24.05 0.43 -9.21	25.47 0.55 -4.57	21.27 0.67 -0.22	20.12 0.59 0.00	20.01 0.58 0.00	19.13 0.62 -0.16	19.05 0.63 0.00	20.23 0.53 -3.52	20.37 0.54 -3.86	20.87 0.52 -4.49	21.60 0.51 -5.05	23.23 0.61 -2.17	28.41 0.71 -4.66	28.25 0.85 0.00	29.42 0.82 -1.15	26.77 0.73 0.00	21.74 0.63 0.00	19.56 0.57 0.00
BETHLEHEM___GS2 323561	19.35 0.28 -10.14	17.59 0.31 -8.27	17.51 0.32 -8.18	17.26 0.29 -8.69	17.63 0.32 -8.14	19.21 0.33 -8.76	24.05 0.43 -9.21	25.47 0.55 -4.57	21.27 0.67 -0.22	20.12 0.59 0.00	20.01 0.58 0.00	19.13 0.62 -0.16	19.05 0.63 0.00	20.23 0.53 -3.52	20.37 0.54 -3.86	20.87 0.52 -4.49	21.60 0.51 -5.05	23.23 0.61 -2.17	28.41 0.71 -4.66	28.25 0.85 0.00	29.42 0.82 -1.15	26.77 0.73 0.00	21.74 0.63 0.00	19.56 0.57 0.00
BETHLEHEM___GS3 323562	19.35 0.28 -10.14	17.59 0.31 -8.27	17.51 0.32 -8.18	17.26 0.29 -8.69	17.63 0.32 -8.14	19.21 0.33 -8.76	24.05 0.43 -9.21	25.47 0.55 -4.57	21.27 0.67 -0.22	20.12 0.59 0.00	20.01 0.58 0.00	19.13 0.62 -0.16	19.05 0.63 0.00	20.23 0.53 -3.52	20.37 0.54 -3.86	20.87 0.52 -4.49	21.60 0.51 -5.05	23.23 0.61 -2.17	28.41 0.71 -4.66	28.25 0.85 0.00	29.42 0.82 -1.15	26.77 0.73 0.00	21.74 0.63 0.00	19.56 0.57 0.00
BETHLEHEM___STEEL 23779	10.34 -0.02 -1.43	10.16 -0.02 -1.16	10.16 0.00 -1.15	9.51 0.01 -1.22	10.28 -0.04 -1.14	11.27 -0.08 -1.23	15.49 -0.22 -1.30	20.08 -0.92 -0.64	19.76 -0.65 -0.03	19.24 -0.29 0.00	19.35 -0.08 0.00	18.00 -0.37 -0.02	18.13 -0.29 0.00	16.25 -0.42 -0.49	16.11 -0.40 -0.54	16.06 -0.43 -0.63	16.23 -0.51 -0.71	20.12 -0.63 -0.32	22.99 -0.74 -0.69	26.64 -0.77 0.00	26.45 -1.10 -0.10	25.50 -0.55 0.00	21.07 -0.04 0.00	18.99 0.00 0.00
BETHLHEM_115KV_TB1 79974	19.37 0.29 -10.14	17.59 0.32 -8.26	17.51 0.33 -8.17	17.27 0.30 -8.69	17.63 0.33 -8.13	19.22 0.34 -8.76	24.08 0.46 -9.21	25.51 0.59 -4.56	21.29 0.69 -0.22	20.14 0.61 0.00	20.01 0.58 0.00	19.15 0.64 -0.16	19.07 0.64 0.00	20.24 0.55 -3.52	20.39 0.56 -3.87	20.91 0.54 -4.51	21.63 0.53 -5.06	23.28 0.65 -2.19	28.47 0.74 -4.70	28.31 0.90 0.00	29.42 0.85 -1.12	26.80 0.76 0.00	21.76 0.65 0.00	19.58 0.59 0.00
BETHPAGE_CC_5 323564	24.70 0.92 -14.84	21.70 0.89 -11.79	19.80 0.88 -9.91	19.18 0.83 -10.07	19.97 0.86 -9.94	21.60 0.95 -10.53	28.24 1.43 -12.40	28.45 2.08 -6.01	28.15 1.83 -5.94	23.52 1.66 -2.33	25.27 1.73 -4.11	25.19 1.74 -5.10	25.24 1.84 -4.98	26.33 1.59 -8.57	27.66 1.61 -10.08	28.12 1.70 -10.56	30.49 1.64 -12.81	41.20 2.19 -18.57	44.60 2.37 -19.20	39.06 2.77 -8.89	39.06 2.66 -8.95	34.79 2.32 -6.43	27.76 1.88 -4.77	24.65 1.84 -3.81
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	10.34 -0.04 -1.45	10.16 -0.04 -1.18	10.15 -0.02 -1.17	9.51 -0.01 -1.24	10.27 -0.06 -1.16	11.26 -0.10 -1.25	15.50 -0.23 -1.31	20.06 -0.94 -0.64	19.76 -0.65 -0.03	19.24 -0.29 0.00	19.35 -0.08 0.00	18.00 -0.37 -0.02	18.13 -0.29 0.00	16.24 -0.44 -0.50	16.08 -0.43 -0.55	16.04 -0.46 -0.64	16.23 -0.53 -0.72	20.11 -0.65 -0.32	22.95 -0.78 -0.70	26.64 -0.77 0.00	26.45 -1.10 -0.10	25.52 -0.52 0.00	21.07 -0.04 0.00	18.99 0.00 0.00
BINGHAMTON___COGEN 23790	11.82 0.22 -2.66	11.41 0.23 -2.17	11.38 0.23 -2.15	10.77 0.21 -2.28	11.53 0.22 -2.14	12.65 0.23 -2.30	17.18 0.35 -2.42	21.86 0.31 -1.20	20.78 0.35 -0.06	19.97 0.43 0.00	19.87 0.45 0.00	18.72 0.33 -0.04	18.77 0.35 0.00	17.36 0.26 -0.93	17.26 0.27 -1.02	17.30 0.25 -1.19	17.63 0.26 -1.33	21.41 0.37 -0.60	24.74 0.39 -1.31	27.95 0.55 0.00	28.15 0.49 -0.21	26.64 0.60 0.00	21.64 0.53 0.00	19.49 0.49 0.00
BIXINCNT_115KV_LOAD 355685	10.39 -0.08 -1.53	10.18 -0.08 -1.25	10.20 -0.05 -1.23	9.55 -0.04 -1.31	10.31 -0.09 -1.23	11.33 -0.11 -1.32	15.59 -0.22 -1.39	20.27 -0.77 -0.69	19.92 -0.49 -0.03	19.38 -0.16 0.00	19.41 -0.02 0.00	18.04 -0.33 -0.02	18.14 -0.28 0.00	16.24 -0.47 -0.54	16.09 -0.46 -0.59	15.99 -0.56 -0.68	16.20 -0.61 -0.77	20.09 -0.69 -0.34	23.01 -0.78 -0.75	26.74 -0.66 0.00	26.66 -0.91 -0.11	25.76 -0.29 0.00	21.26 0.15 0.00	19.18 0.19 0.00
BLACK RIVER___HYD 24047	9.46 0.09 -0.44	9.47 0.10 -0.36	9.49 0.14 -0.35	8.77 0.12 -0.38	9.70 0.17 -0.35	10.69 0.19 -0.38	15.13 0.32 -0.40	20.84 0.28 -0.20	20.37 -0.02 -0.01	19.58 0.04 0.00	19.44 0.02 0.00	18.20 -0.15 -0.01	18.27 -0.15 0.00	16.10 -0.23 -0.16	15.88 -0.26 -0.17	15.84 -0.22 -0.20	16.09 -0.18 -0.22	20.50 -0.04 -0.10	23.39 0.14 -0.22	27.79 0.38 0.00	28.08 0.63 0.00	26.72 0.68 0.00	21.59 0.49 0.00	19.41 0.42 0.00

BLACKRVR_115KV_TB2 79977	9.46 0.09 -0.44	9.47 0.10 -0.36	9.49 0.14 -0.35	8.77 0.12 -0.38	9.70 0.17 -0.35	10.69 0.19 -0.38	15.13 0.32 -0.40	20.84 0.28 -0.20	20.37 -0.02 -0.01	19.58 0.04 0.00	19.46 0.04 0.00	18.20 -0.15 -0.01	18.27 -0.15 0.00	16.10 -0.23 -0.16	15.88 -0.26 -0.17	15.84 -0.22 -0.20	16.09 -0.18 -0.22	20.50 -0.04 -0.10	23.36 0.12 -0.22	27.79 0.38 0.00	28.08 0.63 0.00	26.72 0.68 0.00	21.59 0.49 0.00	19.41 0.42 0.00
BLISS_WT_PWR 323608	10.36 -0.11 -1.53	10.15 -0.11 -1.25	10.18 -0.06 -1.23	9.54 -0.06 -1.31	10.28 -0.12 -1.23	11.30 -0.14 -1.32	15.56 -0.25 -1.39	20.25 -0.79 -0.69	19.88 -0.53 -0.03	19.34 -0.20 0.00	19.17 -0.25 0.00	18.02 -0.35 -0.02	18.11 -0.31 0.00	16.19 -0.52 -0.54	16.06 -0.50 -0.59	15.94 -0.60 -0.68	16.18 -0.63 -0.77	20.07 -0.72 -0.35	22.98 -0.81 -0.76	26.72 -0.68 0.00	27.40 -0.16 -0.11	25.73 -0.31 0.00	21.21 0.11 0.00	19.16 0.17 0.00
BLUE_CIRC_CHEM_DRP 24182	19.25 0.36 -9.96	17.51 0.38 -8.12	17.43 0.40 -8.03	17.18 0.36 -8.54	17.56 0.40 -7.99	19.16 0.44 -8.60	24.05 0.59 -9.04	25.57 0.73 -4.48	21.39 0.79 -0.22	20.26 0.72 0.00	20.09 0.66 0.00	19.22 0.72 -0.16	19.14 0.72 0.00	20.23 0.60 -3.46	20.37 0.61 -3.80	20.87 0.59 -4.42	21.60 0.59 -4.97	23.37 0.76 -2.17	28.60 0.88 -4.69	28.50 1.10 0.00	29.49 1.04 -1.00	27.01 0.96 0.00	21.91 0.80 0.00	19.72 0.72 0.00
BOC_GAS_DRP 24189	19.39 0.33 -10.13	17.61 0.34 -8.26	17.51 0.34 -8.17	17.28 0.31 -8.68	17.65 0.35 -8.13	19.24 0.37 -8.75	24.12 0.50 -9.20	25.56 0.65 -4.55	21.33 0.73 -0.22	20.20 0.66 0.00	20.07 0.64 0.00	19.20 0.70 -0.16	19.10 0.68 0.00	20.28 0.60 -3.51	20.41 0.59 -3.85	20.92 0.57 -4.49	21.66 0.58 -5.04	23.36 0.72 -2.21	28.60 0.81 -4.76	28.39 0.99 0.00	29.36 0.93 -0.97	26.90 0.86 0.00	21.83 0.72 0.00	19.64 0.65 0.00
BOONVILLE_115KV_TB1 79983	9.37 0.14 -0.29	9.39 0.14 -0.23	9.42 0.18 -0.23	8.68 0.16 -0.25	9.60 0.20 -0.23	10.60 0.23 -0.25	15.03 0.36 -0.26	20.85 0.37 -0.13	20.73 0.35 -0.01	19.87 0.33 0.00	19.76 0.33 0.00	18.53 0.18 0.00	18.57 0.15 0.00	16.38 0.10 -0.11	16.12 0.03 -0.12	16.06 0.06 -0.14	16.29 0.10 -0.15	20.71 0.20 -0.06	23.50 0.32 -0.14	27.90 0.49 0.00	28.14 0.69 0.00	26.75 0.70 0.00	21.64 0.53 0.00	19.45 0.46 0.00
BORALEX_4TH_BRANCH 23824	19.53 0.50 -10.09	17.78 0.53 -8.23	17.67 0.52 -8.14	17.40 0.47 -8.65	17.83 0.56 -8.10	19.47 0.63 -8.72	24.42 0.84 -9.17	26.03 1.12 -4.55	21.82 1.22 -0.22	20.63 1.09 0.00	20.47 1.05 0.00	19.64 1.14 -0.16	19.54 1.12 0.00	20.64 0.95 -3.52	20.69 0.88 -3.85	21.18 0.84 -4.49	21.96 0.88 -5.04	23.62 1.14 -2.03	28.57 1.31 -4.22	28.96 1.56 0.00	30.30 1.48 -1.37	27.45 1.41 0.00	22.29 1.18 0.00	20.04 1.04 0.00
BOWLINE___1 23526	17.35 0.68 -7.73	15.97 0.65 -6.30	15.88 0.64 -6.24	15.51 0.60 -6.63	16.00 0.62 -6.21	17.49 0.69 -6.68	22.48 1.04 -7.02	25.31 1.47 -3.49	22.06 1.51 -0.17	20.88 1.35 0.00	20.82 1.40 0.00	19.88 1.41 -0.12	19.82 1.40 0.00	20.14 1.28 -2.69	20.19 1.28 -2.95	20.59 1.30 -3.43	21.18 1.28 -3.86	23.97 1.65 -1.87	29.07 1.80 -4.24	29.48 2.08 0.00	29.96 1.95 -0.56	27.84 1.80 0.00	22.48 1.37 0.00	20.32 1.33 0.00
BOWLINE___2 23595	17.35 0.68 -7.73	15.97 0.65 -6.31	15.88 0.64 -6.24	15.51 0.60 -6.63	16.00 0.62 -6.21	17.49 0.69 -6.68	22.48 1.04 -7.02	25.33 1.49 -3.49	22.06 1.51 -0.17	20.88 1.35 0.00	20.82 1.40 0.00	19.88 1.41 -0.12	19.82 1.40 0.00	20.14 1.28 -2.69	20.19 1.28 -2.95	20.59 1.30 -3.43	21.18 1.28 -3.86	23.97 1.65 -1.87	29.07 1.80 -4.24	29.48 2.08 0.00	29.96 1.95 -0.56	27.84 1.80 0.00	22.48 1.37 0.00	20.32 1.33 0.00
BRADY___115KV_TB2 356060	8.71 -0.22 0.00	8.81 -0.21 0.00	8.79 -0.22 0.00	8.07 -0.21 0.00	8.97 -0.20 0.00	9.89 -0.22 0.00	14.04 -0.37 0.00	19.99 -0.37 0.00	19.87 -0.51 0.00	19.01 -0.53 0.00	18.82 -0.60 0.00	17.74 -0.61 0.00	17.78 -0.64 0.00	15.59 -0.58 0.00	15.38 -0.59 0.00	15.26 -0.60 0.00	15.48 -0.56 0.00	19.74 -0.69 0.00	22.37 -0.67 0.00	26.61 -0.79 0.00	26.93 -0.52 0.00	25.55 -0.49 0.00	20.75 -0.36 0.00	18.65 -0.34 0.00
BRANSCOMB___SOLAR 323811	19.88 0.48 -10.46	18.03 0.49 -8.53	17.94 0.49 -8.44	17.70 0.46 -8.97	18.08 0.51 -8.40	19.74 0.59 -9.04	24.79 0.88 -9.50	26.18 1.10 -4.73	21.87 1.26 -0.23	20.67 1.13 0.00	20.49 1.07 0.00	19.58 1.06 -0.17	19.51 1.09 0.00	20.76 0.94 -3.65	20.89 0.93 -3.99	21.40 0.89 -4.65	22.18 0.91 -5.23	23.89 1.23 -2.22	29.23 1.45 -4.74	29.21 1.81 0.00	31.01 1.92 -1.64	27.79 1.75 0.00	22.46 1.35 0.00	20.17 1.18 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	24.72 0.94 -14.84	21.73 0.92 -11.79	19.82 0.90 -9.91	19.21 0.85 -10.07	20.01 0.90 -9.94	21.64 0.99 -10.53	28.27 1.46 -12.40	28.49 2.12 -6.01	28.39 1.79 -6.22	23.58 1.60 -2.44	25.33 1.59 -4.31	25.39 1.71 -5.34	25.46 1.82 -5.22	26.55 1.54 -8.84	27.99 1.60 -10.42	28.13 1.71 -10.56	30.56 1.70 -12.82	41.28 2.27 -18.57	44.77 2.53 -19.20	39.28 2.99 -8.89	39.17 2.77 -8.95	34.95 2.47 -6.43	27.80 1.92 -4.77	24.69 1.88 -3.81
BRISTLHL_115KV_TB1 79998	9.60 0.00 -0.67	9.56 0.00 -0.55	9.55 0.00 -0.54	8.86 0.01 -0.57	9.71 0.00 -0.54	10.69 0.00 -0.58	15.04 0.01 -0.61	20.56 -0.10 -0.30	20.29 -0.10 -0.01	19.50 -0.04 0.00	19.43 0.00 0.00	18.28 -0.07 -0.01	18.35 -0.07 0.00	16.35 -0.06 -0.24	16.16 -0.06 -0.26	16.08 -0.08 -0.30	16.28 -0.10 -0.34	20.49 -0.10 -0.15	23.27 -0.09 -0.33	27.32 -0.08 0.00	27.40 -0.05 0.00	26.04 0.00 0.00	21.09 -0.02 0.00	18.96 -0.04 0.00
BROOKHAVEN___DRP 24191	24.62 0.84 -14.84	21.65 0.84 -11.79	19.74 0.82 -9.91	19.14 0.79 -10.07	19.93 0.83 -9.94	21.55 0.90 -10.53	28.11 1.30 -12.40	28.20 1.83 -6.01	28.11 1.49 -6.25	23.28 1.29 -2.45	25.02 1.26 -4.33	25.10 1.39 -5.36	25.16 1.49 -5.24	26.33 1.28 -8.88	27.77 1.34 -10.46	27.90 1.47 -10.56	30.35 1.49 -12.82	41.00 1.98 -18.57	44.44 2.21 -19.20	38.90 2.60 -8.89	38.84 2.44 -8.95	34.64 2.16 -6.43	27.55 1.67 -4.77	24.44 1.63 -3.81
BROOKLYN_NAVY_YARD 23515	17.72 0.80 -7.98	16.28 0.76 -6.51	16.18 0.74 -6.43	15.82 0.70 -6.84	16.29 0.72 -6.40	17.80 0.79 -6.89	22.87 1.21 -7.25	25.70 1.75 -3.60	22.37 1.81 -0.18	21.16 1.62 0.00	21.10 1.67 0.00	20.16 1.69 -0.13	20.08 1.66 0.00	20.45 1.50 -2.78	20.54 1.53 -3.04	20.97 1.57 -3.54	21.53 1.51 -3.98	24.36 1.98 -1.94	29.52 2.10 -4.39	29.81 2.41 0.00	30.31 2.28 -0.58	28.10 2.06 0.00	22.69 1.58 0.00	20.59 1.60 0.00
BROOKLYN___ARMY_DRP 323595	17.80 0.88 -7.99	16.35 0.83 -6.51	16.25 0.81 -6.43	15.90 0.77 -6.85	16.34 0.77 -6.40	17.84 0.83 -6.89	22.90 1.24 -7.25	25.74 1.79 -3.60	22.39 1.83 -0.18	21.18 1.64 0.00	21.10 1.67 0.00	20.25 1.78 -0.13	20.17 1.75 0.00	20.53 1.59 -2.78	20.62 1.61 -3.04	21.07 1.67 -3.54	21.61 1.59 -3.98	24.48 2.11 -1.94	29.66 2.23 -4.39	29.98 2.58 0.00	30.53 2.50 -0.58	28.26 2.21 0.00	22.75 1.65 0.00	20.76 1.77 0.00

BROOKVLE_69_KV_TB1 55790	24.67 0.89 -14.84	21.67 0.87 -11.79	19.77 0.85 -9.91	19.15 0.79 -10.07	19.94 0.83 -9.94	21.57 0.92 -10.53	28.20 1.38 -12.40	28.36 1.99 -6.01	27.14 1.87 -4.88	23.14 1.70 -1.90	24.51 1.73 -3.36	24.33 1.80 -4.19	24.33 1.84 -4.06	25.31 1.63 -7.51	26.42 1.66 -8.80	28.15 1.73 -10.56	30.54 1.68 -12.82	41.14 2.13 -18.57	44.56 2.33 -19.20	39.01 2.71 -8.89	38.98 2.58 -8.95	34.85 2.37 -6.43	27.74 1.86 -4.77	24.61 1.80 -3.81
BROOME_2_LFGE 323671	11.82 0.22 -2.66	11.41 0.23 -2.17	11.38 0.23 -2.15	10.77 0.21 -2.28	11.53 0.22 -2.14	12.65 0.23 -2.30	17.18 0.35 -2.42	21.86 0.31 -1.20	20.78 0.35 -0.06	19.97 0.43 0.00	19.85 0.43 0.00	18.73 0.35 -0.04	18.77 0.35 0.00	17.36 0.26 -0.93	17.26 0.27 -1.02	17.30 0.25 -1.19	17.63 0.26 -1.33	21.41 0.37 -0.60	24.74 0.39 -1.31	27.95 0.55 0.00	28.37 0.71 -0.21	26.64 0.60 0.00	21.64 0.53 0.00	19.49 0.49 0.00
BROOME___LFGE 323600	11.82 0.22 -2.66	11.41 0.23 -2.17	11.38 0.23 -2.15	10.77 0.21 -2.28	11.53 0.22 -2.14	12.65 0.23 -2.30	17.18 0.35 -2.42	21.86 0.31 -1.20	20.78 0.35 -0.06	19.97 0.43 0.00	19.85 0.43 0.00	18.73 0.35 -0.04	18.77 0.35 0.00	17.36 0.26 -0.93	17.26 0.27 -1.02	17.30 0.25 -1.19	17.63 0.26 -1.33	21.41 0.37 -0.60	24.74 0.39 -1.31	27.95 0.55 0.00	28.37 0.71 -0.21	26.64 0.60 0.00	21.64 0.53 0.00	19.49 0.49 0.00
BROWNFLS_115KV_TB_3_5 80003	9.01 -0.15 -0.23	9.06 -0.14 -0.18	9.09 -0.10 -0.18	8.37 -0.11 -0.19	9.27 -0.08 -0.18	10.21 -0.10 -0.20	14.43 -0.19 -0.21	20.17 -0.28 -0.10	19.89 -0.49 -0.01	19.05 -0.49 0.00	18.88 -0.54 0.00	17.72 -0.62 0.00	17.76 -0.66 0.00	15.59 -0.66 -0.08	15.37 -0.69 -0.09	15.28 -0.68 -0.10	15.53 -0.63 -0.12	19.80 -0.69 -0.05	22.50 -0.64 -0.11	26.72 -0.69 0.00	27.09 -0.36 0.00	25.86 -0.18 0.00	21.00 -0.11 0.00	18.88 -0.11 0.00
BROWNSV1_27_KV_LOAD 356125	17.78 0.87 -7.98	16.33 0.81 -6.51	16.23 0.79 -6.43	15.88 0.76 -6.84	16.34 0.77 -6.40	17.86 0.85 -6.89	22.96 1.30 -7.25	25.83 1.87 -3.60	22.49 1.94 -0.18	21.28 1.74 0.00	21.17 1.75 0.00	20.31 1.83 -0.13	20.23 1.81 0.00	20.58 1.63 -2.78	20.67 1.66 -3.04	21.10 1.70 -3.54	21.66 1.64 -3.98	24.52 2.15 -1.94	29.70 2.28 -4.39	30.03 2.63 0.00	30.58 2.55 -0.58	28.31 2.27 0.00	22.84 1.73 0.00	20.74 1.75 0.00
BURROWS___LYONSDAL 23803	9.33 0.10 -0.29	9.36 0.11 -0.24	9.40 0.16 -0.24	8.67 0.14 -0.25	9.59 0.18 -0.24	10.58 0.21 -0.25	15.00 0.32 -0.27	20.81 0.33 -0.13	20.63 0.24 -0.01	19.79 0.25 0.00	19.66 0.23 0.00	18.44 0.09 -0.01	18.48 0.06 0.00	16.28 0.00 -0.11	16.02 -0.06 -0.12	15.95 -0.05 -0.14	16.20 0.00 -0.16	20.61 0.10 -0.07	23.41 0.23 -0.14	27.79 0.38 0.00	28.05 0.60 0.00	26.67 0.63 0.00	21.59 0.49 0.00	19.41 0.42 0.00
CAITHNESS_CC_1 323624	24.62 0.84 -14.84	21.65 0.84 -11.79	19.76 0.84 -9.91	19.14 0.79 -10.07	19.94 0.83 -9.94	21.55 0.90 -10.53	28.11 1.30 -12.40	28.22 1.85 -6.01	28.13 1.51 -6.25	23.32 1.33 -2.45	25.12 1.36 -4.33	25.12 1.41 -5.36	25.19 1.53 -5.24	26.35 1.29 -8.88	27.80 1.37 -10.46	27.93 1.51 -10.56	30.36 1.51 -12.81	41.06 2.04 -18.57	44.44 2.21 -19.20	38.87 2.58 -8.89	38.87 2.47 -8.95	34.59 2.11 -6.43	27.57 1.69 -4.77	24.44 1.63 -3.81
CALPINE BETH_PAGE_GT4 24209	24.71 0.93 -14.84	21.70 0.89 -11.79	19.80 0.88 -9.91	19.18 0.83 -10.07	19.98 0.87 -9.94	21.61 0.96 -10.53	28.24 1.43 -12.40	28.45 2.08 -6.01	28.04 1.85 -5.80	23.47 1.66 -2.27	25.11 1.67 -4.02	25.09 1.76 -4.98	25.12 1.84 -4.86	26.19 1.59 -8.43	27.50 1.61 -9.92	28.12 1.70 -10.56	30.46 1.60 -12.82	41.12 2.11 -18.57	44.56 2.33 -19.20	39.01 2.71 -8.89	38.95 2.55 -8.95	34.77 2.29 -6.43	27.76 1.88 -4.77	24.69 1.88 -3.81
CALPINE_BETH_PAGE_GT_4 323586	24.71 0.93 -14.84	21.70 0.89 -11.79	19.80 0.88 -9.91	19.18 0.83 -10.07	19.98 0.87 -9.94	21.61 0.96 -10.53	28.24 1.43 -12.40	28.45 2.08 -6.01	28.03 1.85 -5.80	23.49 1.68 -2.27	25.19 1.75 -4.02	25.09 1.76 -4.98	25.12 1.84 -4.86	26.19 1.59 -8.43	27.50 1.61 -9.92	28.12 1.70 -10.56	30.46 1.60 -12.81	41.14 2.13 -18.57	44.53 2.30 -19.20	38.98 2.69 -8.89	38.98 2.58 -8.95	34.74 2.26 -6.43	27.76 1.88 -4.77	24.67 1.86 -3.81
CALPINE_BP_GT1 23823	24.71 0.93 -14.84	21.70 0.89 -11.79	19.80 0.88 -9.91	19.18 0.83 -10.07	19.98 0.87 -9.94	21.61 0.96 -10.53	28.24 1.43 -12.40	28.45 2.08 -6.01	28.03 1.85 -5.80	23.49 1.68 -2.27	25.19 1.75 -4.02	25.09 1.76 -4.98	25.12 1.84 -4.86	26.19 1.59 -8.43	27.50 1.61 -9.92	28.12 1.70 -10.56	30.46 1.60 -12.81	41.14 2.13 -18.57	44.53 2.30 -19.20	38.98 2.69 -8.89	38.98 2.58 -8.95	34.74 2.26 -6.43	27.76 1.88 -4.77	24.67 1.86 -3.81
CALSPAN___DRP 24200	10.34 -0.02 -1.43	10.16 -0.02 -1.16	10.16 0.00 -1.15	9.51 0.01 -1.22	10.28 -0.04 -1.14	11.27 0.16 -1.23	15.49 -0.22 -1.30	20.08 -0.92 -0.64	19.76 -0.65 -0.03	19.24 -0.29 0.00	19.35 -0.08 0.00	18.00 -0.37 -0.02	18.13 -0.29 0.00	16.25 -0.42 -0.49	16.11 -0.40 -0.54	16.06 -0.43 -0.63	16.23 -0.51 -0.71	20.12 -0.63 -0.32	22.99 -0.74 -0.69	26.64 -0.77 0.00	26.45 -1.10 -0.10	25.50 -0.55 0.00	21.07 -0.04 0.00	18.99 0.00 0.00
CALVERTON___SOLAR 323806	24.63 0.85 -14.84	21.67 0.86 -11.79	19.78 0.86 -9.91	19.16 0.80 -10.07	19.95 0.84 -9.94	21.57 0.92 -10.53	28.13 1.31 -12.40	28.20 1.83 -6.01	28.11 1.49 -6.25	23.28 1.29 -2.45	25.10 1.34 -4.33	25.08 1.38 -5.36	25.14 1.47 -5.24	26.33 1.28 -8.88	27.78 1.36 -10.46	27.91 1.49 -10.56	30.36 1.51 -12.81	41.08 2.06 -18.57	44.44 2.21 -19.20	38.90 2.60 -8.89	38.90 2.50 -8.95	34.61 2.14 -6.43	27.57 1.69 -4.77	24.44 1.63 -3.81
CANDIGU_WT_PWR 323617	10.98 0.14 -1.90	10.71 0.14 -1.55	10.70 0.16 -1.53	10.07 0.16 -1.63	10.85 0.16 -1.53	11.92 0.16 -1.64	16.36 0.22 -1.73	21.09 -0.12 -0.85	20.44 0.02 -0.04	19.77 0.24 0.00	19.66 0.23 0.00	18.50 0.13 -0.03	18.57 0.15 0.00	16.83 0.00 -0.66	16.70 0.02 -0.72	16.68 -0.02 -0.84	16.95 -0.03 -0.94	20.89 0.02 -0.43	24.01 0.05 -0.93	27.60 0.19 0.00	28.19 0.60 -0.14	26.44 0.39 0.00	21.61 0.51 0.00	19.45 0.46 0.00
CARR STREET_E_SYR 24060	9.74 0.04 -0.76	9.68 0.05 -0.62	9.67 0.05 -0.61	8.98 0.04 -0.65	9.83 0.05 -0.61	10.83 0.05 -0.66	15.19 0.09 -0.69	20.70 0.00 -0.34	20.42 0.02 -0.02	19.64 0.10 0.00	19.54 0.12 0.00	18.41 0.06 -0.01	18.48 0.06 0.00	16.49 0.05 -0.27	16.31 0.05 -0.30	16.24 0.03 -0.35	16.46 0.03 -0.39	20.66 0.04 -0.17	23.44 0.02 -0.38	27.46 0.05 0.00	27.69 0.19 -0.05	26.18 0.13 0.00	21.21 0.11 0.00	19.07 0.08 0.00
CARTHAGE___PAPER 23857	9.35 0.02 -0.39	9.36 0.03 -0.32	9.39 0.07 -0.32	8.68 0.06 -0.34	9.59 0.10 -0.32	10.59 0.13 -0.34	14.97 0.20 -0.36	20.72 0.18 -0.18	20.31 -0.08 -0.01	19.48 -0.06 0.00	19.33 -0.10 0.00	18.11 -0.24 -0.01	18.16 -0.26 0.00	15.97 -0.34 -0.14	15.76 -0.37 -0.15	15.71 -0.33 -0.18	15.95 -0.29 -0.20	20.35 -0.18 -0.09	23.21 -0.02 -0.20	27.57 0.17 0.00	27.83 0.38 0.00	26.51 0.47 0.00	21.44 0.34 0.00	19.28 0.29 0.00

CASSADAGA_WT_PWR 323784	10.46 0.02 -1.51	10.25 0.00 -1.23	10.26 0.04 -1.22	9.62 0.04 -1.29	10.43 0.05 -1.21	11.46 0.04 -1.30	15.80 0.01 -1.37	20.86 -0.18 -0.69	20.56 0.14 -0.03	19.99 0.45 0.00	19.87 0.45 0.00	18.66 0.29 -0.02	18.71 0.29 0.00	16.72 0.02 -0.53	16.57 0.02 -0.58	16.43 -0.11 -0.68	16.61 -0.19 -0.76	20.58 -0.20 -0.34	23.65 -0.14 -0.75	27.51 0.11 0.00	28.36 0.80 -0.11	26.70 0.65 0.00	21.99 0.89 0.00	19.83 0.83 0.00
CE_DUNWOOD___DRP 24194	17.62 0.72 -7.96	16.20 0.69 -6.49	16.11 0.68 -6.42	15.75 0.65 -6.83	16.22 0.66 -6.39	17.73 0.73 -6.88	22.76 1.11 -7.23	25.53 1.59 -3.59	22.16 1.61 -0.18	20.98 1.45 0.00	20.86 1.44 0.00	19.99 1.52 -0.13	19.93 1.51 0.00	20.32 1.37 -2.77	20.38 1.37 -3.04	20.81 1.41 -3.54	21.38 1.36 -3.97	24.15 1.78 -1.93	29.35 1.93 -4.38	29.62 2.22 0.00	30.17 2.14 -0.58	27.97 1.93 0.00	22.56 1.46 0.00	20.44 1.44 0.00
CE_MILLWOOD___DRP 24193	17.57 0.71 -7.93	16.16 0.68 -6.47	16.07 0.67 -6.40	15.71 0.63 -6.80	16.19 0.65 -6.37	17.68 0.71 -6.85	22.70 1.08 -7.20	25.48 1.55 -3.58	22.12 1.57 -0.18	20.92 1.39 0.00	20.82 1.40 0.00	19.94 1.47 -0.13	19.88 1.46 0.00	20.26 1.33 -2.76	20.32 1.33 -3.02	20.75 1.36 -3.52	21.31 1.32 -3.96	24.08 1.72 -1.93	29.26 1.87 -4.36	29.57 2.16 0.00	30.11 2.09 -0.58	27.92 1.88 0.00	22.52 1.41 0.00	20.40 1.41 0.00
CE_NYC2_DRP 24202	17.76 0.84 -7.99	16.31 0.79 -6.51	16.21 0.77 -6.43	15.87 0.75 -6.85	16.33 0.75 -6.40	17.82 0.81 -6.89	22.86 1.20 -7.25	25.68 1.73 -3.60	22.35 1.79 -0.18	21.16 1.62 0.00	21.06 1.63 0.00	20.20 1.72 -0.13	20.13 1.71 0.00	20.49 1.54 -2.78	20.57 1.56 -3.04	21.02 1.62 -3.54	21.56 1.54 -3.98	24.40 2.02 -1.94	29.54 2.12 -4.39	29.84 2.44 0.00	30.36 2.33 -0.58	28.13 2.08 0.00	22.67 1.56 0.00	20.67 1.67 0.00
CE_NYC_DRP 24195	17.73 0.81 -7.98	16.29 0.77 -6.51	16.19 0.75 -6.43	15.83 0.71 -6.84	16.30 0.72 -6.40	17.81 0.80 -6.89	22.87 1.21 -7.25	25.68 1.73 -3.60	22.35 1.79 -0.18	21.16 1.62 0.00	21.06 1.63 0.00	20.18 1.71 -0.13	20.10 1.68 0.00	20.49 1.54 -2.78	20.56 1.55 -3.04	20.99 1.59 -3.54	21.54 1.52 -3.98	24.36 1.98 -1.94	29.54 2.12 -4.39	29.84 2.44 0.00	30.39 2.36 -0.58	28.13 2.08 0.00	22.69 1.58 0.00	20.61 1.61 0.00
CHAFFEE___LFGE 323603	10.37 -0.04 -1.48	10.18 -0.04 -1.20	10.18 -0.02 -1.19	9.53 -0.02 -1.27	10.29 -0.06 -1.18	11.29 -0.10 -1.28	15.52 -0.23 -1.34	20.12 -0.90 -0.66	19.78 -0.63 -0.03	19.26 -0.27 0.00	19.15 -0.27 0.00	18.04 -0.33 -0.02	18.13 -0.30 0.00	16.23 -0.45 -0.51	16.10 -0.43 -0.56	16.04 -0.48 -0.65	16.23 -0.55 -0.73	20.10 -0.67 -0.33	22.98 -0.78 -0.72	26.64 -0.77 0.00	27.36 -0.19 -0.11	25.58 -0.47 0.00	21.11 0.00 0.00	19.01 0.02 0.00
CHATEAUG_35_KV_LOAD 355732	8.69 -0.25 0.00	8.81 -0.21 0.00	8.80 -0.21 0.00	8.06 -0.22 0.00	8.97 -0.20 0.00	9.92 -0.19 0.00	14.14 -0.27 0.00	20.27 -0.08 0.00	20.24 -0.14 0.00	19.32 -0.21 0.00	19.08 -0.35 0.00	17.92 -0.42 0.00	17.98 -0.44 0.00	15.72 -0.45 0.00	15.60 -0.37 0.00	15.49 -0.36 0.00	15.75 -0.29 0.00	20.13 -0.31 0.00	22.83 -0.21 0.00	27.13 -0.27 0.00	27.29 -0.16 0.00	25.78 -0.26 0.00	20.92 -0.19 0.00	18.82 -0.17 0.00
CHATEAUG_WT_PWR 323614	8.69 -0.24 0.00	8.82 -0.20 0.00	8.80 -0.21 0.00	8.07 -0.21 0.00	8.98 -0.19 0.00	9.94 -0.18 0.00	14.14 -0.27 0.00	20.29 -0.06 0.00	20.24 -0.14 0.00	19.34 -0.20 0.00	19.09 -0.33 0.00	17.92 -0.42 0.00	18.00 -0.42 0.00	15.74 -0.44 0.00	15.60 -0.37 0.00	15.49 -0.36 0.00	15.75 -0.29 0.00	20.15 -0.29 0.00	22.83 -0.21 0.00	27.13 -0.27 0.00	27.20 -0.25 0.00	25.78 -0.26 0.00	20.92 -0.19 0.00	18.82 -0.17 0.00
CHAT_HIGH_FALL_HYD 323578	8.69 -0.25 0.00	8.81 -0.21 0.00	8.80 -0.21 0.00	8.06 -0.22 0.00	8.97 -0.20 0.00	9.92 -0.19 0.00	14.14 -0.27 0.00	20.27 -0.08 0.00	20.24 -0.14 0.00	19.32 -0.21 0.00	19.08 -0.35 0.00	17.92 -0.42 0.00	17.98 -0.44 0.00	15.72 -0.45 0.00	15.60 -0.37 0.00	15.49 -0.36 0.00	15.75 -0.29 0.00	20.13 -0.31 0.00	22.83 -0.21 0.00	27.13 -0.27 0.00	27.20 -0.25 0.00	25.78 -0.26 0.00	20.92 -0.19 0.00	18.82 -0.17 0.00
CHAUTAUQUA___LFGE 323629	10.48 0.07 -1.48	10.29 0.07 -1.20	10.29 0.09 -1.19	9.64 0.09 -1.27	10.43 0.07 -1.18	11.45 0.06 -1.28	15.78 0.03 -1.34	20.74 -0.29 -0.67	20.37 -0.04 -0.03	19.81 0.27 0.00	19.72 0.29 0.00	18.55 0.18 -0.02	18.64 0.22 0.00	16.69 0.00 -0.52	16.55 0.02 -0.57	16.45 -0.06 -0.66	16.65 -0.13 -0.74	20.65 -0.12 -0.33	23.65 -0.11 -0.73	27.46 0.05 0.00	28.16 0.60 -0.11	26.38 0.34 0.00	21.74 0.63 0.00	19.58 0.59 0.00
CHERRYST_13_KV_LD 356241	17.75 0.84 -7.98	16.31 0.79 -6.51	16.21 0.77 -6.43	15.86 0.74 -6.84	16.32 0.74 -6.40	17.83 0.82 -6.89	22.91 1.25 -7.25	25.74 1.79 -3.60	22.43 1.87 -0.18	21.22 1.68 0.00	21.12 1.69 0.00	20.25 1.78 -0.13	20.17 1.75 0.00	20.55 1.60 -2.78	20.62 1.61 -3.04	21.05 1.65 -3.54	21.61 1.59 -3.98	24.44 2.06 -1.94	29.61 2.19 -4.39	29.92 2.52 0.00	30.45 2.42 -0.58	28.21 2.16 0.00	22.75 1.65 0.00	20.67 1.67 0.00
CHESTROR_138KV_BK263 355645	16.93 0.60 -7.39	15.61 0.57 -6.03	15.53 0.56 -5.96	15.15 0.53 -6.34	15.65 0.55 -5.93	17.11 0.61 -6.39	22.05 0.92 -6.71	24.99 1.30 -3.33	21.82 1.28 -0.16	20.69 1.15 0.00	20.57 1.15 0.00	19.67 1.21 -0.12	19.64 1.22 0.00	19.85 1.10 -2.57	19.89 1.10 -2.82	20.27 1.13 -3.28	20.85 1.12 -3.69	23.68 1.45 -1.79	28.64 1.57 -4.04	29.21 1.81 0.00	29.77 1.78 -0.54	27.66 1.61 0.00	22.31 1.20 0.00	20.17 1.18 0.00
CH_MIDHUDSON___DRP 24192	17.71 0.68 -8.10	16.27 0.65 -6.60	16.17 0.63 -6.53	15.82 0.60 -6.94	16.30 0.63 -6.50	17.80 0.69 -7.00	22.79 1.02 -7.36	25.45 1.45 -3.65	22.00 1.45 -0.18	20.83 1.29 0.00	20.71 1.28 0.00	19.83 1.36 -0.13	19.78 1.36 0.00	20.22 1.23 -2.82	20.27 1.21 -3.09	20.69 1.24 -3.60	21.32 1.24 -4.04	23.99 1.61 -1.93	29.16 1.77 -4.35	29.43 2.03 0.00	30.05 2.00 -0.59	27.87 1.82 0.00	22.46 1.35 0.00	20.32 1.33 0.00
CH_MISC_IPPS 23765	17.61 0.72 -7.95	16.18 0.68 -6.48	16.09 0.68 -6.41	15.73 0.63 -6.82	16.22 0.67 -6.38	17.71 0.72 -6.87	22.74 1.11 -7.22	25.49 1.55 -3.58	22.08 1.53 -0.18	20.88 1.35 0.00	20.84 1.42 0.00	19.88 1.41 -0.13	19.82 1.40 0.00	20.22 1.28 -2.77	20.27 1.28 -3.03	20.69 1.30 -3.53	21.32 1.32 -3.96	24.06 1.72 -1.91	29.22 1.89 -4.30	29.60 2.19 0.00	30.09 2.06 -0.58	28.02 1.98 0.00	22.56 1.46 0.00	20.38 1.39 0.00
CH_RES_BVR_FALLS 23983	8.77 -0.17 0.00	8.85 -0.16 0.00	8.85 -0.15 0.00	8.14 -0.14 0.00	9.02 -0.15 0.00	9.95 -0.16 0.00	14.20 -0.22 0.00	20.11 -0.24 0.00	20.13 -0.24 0.00	19.28 -0.25 0.00	19.15 -0.27 0.00	18.09 -0.26 0.00	18.16 -0.26 0.00	15.95 -0.23 0.00	15.73 -0.24 0.00	15.62 -0.24 0.00	15.80 -0.24 0.00	20.13 -0.31 0.00	22.73 -0.30 0.00	27.05 -0.36 0.00	27.12 -0.33 0.00	25.76 -0.29 0.00	20.88 -0.23 0.00	18.79 -0.21 0.00

CH_RES_NIAGARA 23895	9.99 -0.24 -1.30	9.84 -0.23 -1.06	9.83 -0.22 -1.05	9.20 -0.19 -1.11	9.94 -0.27 -1.04	10.88 -0.36 -1.12	14.95 -0.65 -1.18	19.33 -1.61 -0.58	19.00 -1.41 -0.03	18.50 -1.04 0.00	18.41 -1.01 0.00	17.37 -0.99 -0.02	17.50 -0.92 0.00	15.73 -0.89 -0.45	15.60 -0.86 -0.49	15.56 -0.87 -0.57	15.72 -0.96 -0.64	19.50 -1.23 -0.29	22.22 -1.45 -0.64	25.62 -1.78 0.00	26.25 -1.29 -0.09	24.43 -1.61 0.00	20.24 -0.87 0.00	18.25 -0.74 0.00
CH_RES_SYRACUSE 23985	9.87 0.10 -0.84	9.80 0.10 -0.68	9.78 0.10 -0.67	9.09 0.09 -0.72	9.94 0.10 -0.67	10.95 0.11 -0.72	15.35 0.17 -0.76	20.86 0.12 -0.38	20.52 0.12 -0.02	19.73 0.20 0.00	19.64 0.21 0.00	18.50 0.15 -0.01	18.55 0.13 0.00	16.60 0.13 -0.29	16.42 0.13 -0.32	16.35 0.11 -0.38	16.58 0.11 -0.42	20.79 0.16 -0.19	23.61 0.16 -0.42	27.60 0.19 0.00	27.86 0.36 -0.05	26.36 0.31 0.00	21.34 0.23 0.00	19.18 0.19 0.00
CLINTON_WT_PWR 323605	8.69 -0.24 0.00	8.82 -0.20 0.00	8.80 -0.21 0.00	8.07 -0.21 0.00	8.98 -0.19 0.00	9.94 -0.18 0.00	14.14 -0.27 0.00	20.29 -0.06 0.00	20.24 -0.14 0.00	19.34 -0.20 0.00	19.09 -0.33 0.00	17.92 -0.42 0.00	18.00 -0.42 0.00	15.74 -0.44 0.00	15.60 -0.37 0.00	15.49 -0.36 0.00	15.75 -0.29 0.00	20.15 -0.29 0.00	22.83 -0.21 0.00	27.13 -0.27 0.00	27.20 -0.25 0.00	25.78 -0.26 0.00	20.92 -0.19 0.00	18.82 -0.17 0.00
CLINTON___LFGE 323618	8.77 -0.17 0.00	8.89 -0.13 0.00	8.87 -0.13 0.00	8.14 -0.14 0.00	9.05 -0.12 0.00	10.04 -0.08 0.00	14.30 -0.12 0.00	20.54 0.18 0.00	20.50 0.12 0.00	19.58 0.04 0.00	19.29 -0.14 0.00	18.11 -0.24 0.00	18.16 -0.26 0.00	15.88 -0.29 0.00	15.74 -0.22 0.00	15.64 -0.22 0.00	15.93 -0.11 0.00	20.36 -0.08 0.00	23.10 0.07 0.00	27.46 0.05 0.00	27.59 0.14 0.00	26.10 0.05 0.00	21.15 0.04 0.00	19.03 0.04 0.00
COBBLENY_34_KV_TB1 80064	10.37 -0.04 -1.48	10.18 -0.04 -1.20	10.18 -0.02 -1.19	9.53 -0.02 -1.27	10.29 -0.06 -1.18	11.29 -0.10 -1.28	15.52 -0.23 -1.34	20.12 -0.90 -0.66	19.78 -0.63 -0.03	19.26 -0.27 0.00	19.35 -0.08 0.00	18.00 -0.37 -0.02	18.13 -0.29 0.00	16.23 -0.45 -0.51	16.10 -0.43 -0.56	16.04 -0.48 -0.65	16.23 -0.55 -0.73	20.09 -0.67 -0.33	22.97 -0.78 -0.72	26.64 -0.77 0.00	26.51 -1.04 -0.11	25.55 -0.49 0.00	21.11 0.00 0.00	19.01 0.02 0.00
COFFEEN___115KV_TB3 355620	9.52 0.14 -0.45	9.53 0.15 -0.36	9.55 0.19 -0.36	8.82 0.16 -0.38	9.75 0.22 -0.36	10.76 0.25 -0.39	15.22 0.40 -0.41	20.94 0.39 -0.20	20.45 0.06 -0.01	19.65 0.12 0.00	19.54 0.12 0.00	18.26 -0.09 -0.01	18.33 -0.09 0.00	16.17 -0.16 -0.16	15.93 -0.21 -0.17	15.89 -0.17 -0.20	16.16 -0.11 -0.23	20.58 0.04 -0.10	23.48 0.23 -0.22	27.98 0.58 0.00	28.27 0.82 0.00	26.93 0.89 0.00	21.74 0.63 0.00	19.53 0.53 0.00
COLDSPRG_115KV_BK1 355956	10.60 0.11 -1.56	10.40 0.11 -1.27	10.40 0.14 -1.26	9.74 0.12 -1.34	10.55 0.13 -1.25	11.61 0.14 -1.35	15.99 0.16 -1.42	21.09 0.02 -0.71	20.76 0.35 -0.03	20.18 0.64 0.00	20.20 0.78 0.00	18.79 0.42 -0.03	18.86 0.44 0.00	16.84 0.11 -0.55	16.68 0.11 -0.60	16.48 -0.08 -0.70	16.67 -0.16 -0.79	20.65 -0.14 -0.35	23.72 -0.09 -0.78	27.62 0.22 0.00	27.76 0.19 -0.11	26.88 0.83 0.00	22.12 1.01 0.00	19.94 0.95 0.00
COLONIE_LFGE___ 323577	19.65 0.43 -10.29	17.84 0.44 -8.39	17.75 0.45 -8.30	17.50 0.41 -8.82	17.89 0.47 -8.25	19.52 0.52 -8.89	24.48 0.72 -9.34	25.94 0.94 -4.64	21.66 1.06 -0.23	20.49 0.96 0.00	20.34 0.91 0.00	19.46 0.95 -0.17	19.38 0.96 0.00	20.57 0.81 -3.58	20.67 0.78 -3.92	21.19 0.76 -4.57	21.96 0.79 -5.14	23.61 1.00 -2.17	28.78 1.15 -4.59	28.80 1.40 0.00	30.33 1.37 -1.51	27.32 1.28 0.00	22.14 1.03 0.00	19.92 0.93 0.00
COOPERNY_115KV_TB1 80082	15.44 0.46 -6.05	14.38 0.43 -4.93	14.31 0.42 -4.88	13.86 0.40 -5.19	14.45 0.42 -4.86	15.80 0.46 -5.23	20.60 0.69 -5.50	24.06 0.98 -2.73	21.49 0.98 -0.13	20.40 0.86 0.00	20.30 0.87 0.00	19.34 0.90 -0.10	19.32 0.90 0.00	19.10 0.82 -2.10	19.09 0.81 -2.31	19.37 0.82 -2.69	19.88 0.82 -3.02	22.95 1.06 -1.44	27.43 1.15 -3.25	28.75 1.34 0.00	29.21 1.32 -0.44	27.24 1.20 0.00	22.02 0.91 0.00	19.89 0.89 0.00
COPENHAGEN_WT_PWR 323753	9.48 0.08 -0.46	9.48 0.09 -0.38	9.50 0.13 -0.37	8.77 0.10 -0.39	9.69 0.15 -0.37	10.69 0.17 -0.40	15.10 0.27 -0.42	20.81 0.25 -0.21	20.37 -0.02 -0.01	19.56 0.02 0.00	19.43 0.00 0.00	18.20 -0.15 -0.01	18.27 -0.15 0.00	16.13 -0.21 -0.16	15.91 -0.24 -0.18	15.86 -0.21 -0.21	16.10 -0.18 -0.24	20.48 -0.06 -0.11	23.36 0.09 -0.23	27.73 0.33 0.00	28.00 0.55 0.00	26.67 0.62 0.00	21.55 0.44 0.00	19.35 0.36 0.00
CORNELL_____ 23752	11.15 0.32 -1.89	10.88 0.32 -1.54	10.86 0.32 -1.53	10.20 0.30 -1.62	11.02 0.33 -1.52	12.13 0.37 -1.64	16.70 0.56 -1.72	21.81 0.59 -0.86	20.97 0.55 -0.04	20.12 0.59 0.00	20.03 0.60 0.00	18.80 0.42 -0.03	18.83 0.41 0.00	17.20 0.36 -0.67	17.03 0.34 -0.73	17.04 0.33 -0.85	17.38 0.38 -0.96	21.44 0.57 -0.43	24.64 0.67 -0.94	28.31 0.90 0.00	28.56 0.96 -0.15	27.06 1.02 0.00	21.91 0.80 0.00	19.70 0.70 0.00
CORONA_AAV_69_KV_TB1 355595	24.70 0.92 -14.84	21.70 0.89 -11.79	19.79 0.87 -9.91	19.17 0.82 -10.07	19.97 0.86 -9.94	21.59 0.94 -10.53	28.23 1.41 -12.40	28.36 1.99 -6.01	27.65 1.90 -5.38	23.34 1.70 -2.10	24.87 1.73 -3.71	24.78 1.82 -4.62	24.74 1.82 -4.49	25.81 1.63 -8.01	27.02 1.64 -9.40	28.12 1.70 -10.56	30.51 1.65 -12.82	41.20 2.19 -18.57	44.56 2.33 -19.20	39.01 2.71 -8.89	39.03 2.64 -8.95	34.93 2.45 -6.43	27.78 1.90 -4.77	24.67 1.86 -3.81
CORTLAND_115KV_TB3 80093	10.68 0.23 -1.51	10.48 0.23 -1.23	10.46 0.23 -1.22	9.79 0.22 -1.30	10.62 0.24 -1.21	11.70 0.27 -1.31	16.19 0.40 -1.37	21.45 0.41 -0.68	20.84 0.43 -0.03	20.01 0.47 0.00	19.91 0.49 0.00	18.72 0.35 -0.02	18.77 0.35 0.00	17.00 0.29 -0.53	16.82 0.27 -0.58	16.83 0.29 -0.68	17.11 0.30 -0.77	21.19 0.41 -0.34	24.24 0.46 -0.74	28.03 0.63 0.00	28.25 0.69 -0.11	26.77 0.73 0.00	21.68 0.57 0.00	19.51 0.51 0.00
COXSACKIE___GT 23611	18.95 0.52 -9.49	17.26 0.50 -7.74	17.18 0.52 -7.66	16.88 0.46 -8.14	17.35 0.56 -7.62	18.91 0.59 -8.20	23.99 0.95 -8.62	25.83 1.20 -4.27	21.61 1.02 -0.21	20.46 0.92 0.00	20.30 0.87 0.00	19.34 0.84 -0.15	19.32 0.90 0.00	20.07 0.60 -3.30	20.30 0.72 -3.61	20.78 0.71 -4.21	21.62 0.85 -4.73	23.68 1.14 -2.09	29.04 1.45 -4.55	29.29 1.89 0.00	30.27 1.87 -0.95	27.94 1.90 0.00	22.44 1.33 0.00	20.04 1.04 0.00
CPV_VALLEY___CC1 323721	16.37 0.52 -6.92	15.15 0.50 -5.64	15.07 0.49 -5.58	14.66 0.46 -5.93	15.20 0.48 -5.55	16.61 0.52 -5.98	21.49 0.79 -6.28	24.59 1.12 -3.12	21.65 1.12 -0.15	20.53 1.00 0.00	20.47 1.05 0.00	19.52 1.06 -0.11	19.47 1.05 0.00	19.55 0.97 -2.41	19.56 0.96 -2.63	19.91 0.98 -3.07	20.45 0.96 -3.45	23.37 1.27 -1.67	28.15 1.36 -3.76	28.96 1.56 0.00	29.41 1.45 -0.50	27.40 1.35 0.00	22.14 1.03 0.00	20.00 1.01 0.00

CPV_VALLEY___CC2 323722	16.37 0.52 -6.92	15.15 0.50 -5.64	15.07 0.49 -5.58	14.66 0.46 -5.93	15.20 0.48 -5.55	16.61 0.52 -5.98	21.49 0.79 -6.28	24.59 1.12 -3.12	21.65 1.12 -0.15	20.53 1.00 0.00	20.47 1.05 0.00	19.52 1.06 -0.11	19.47 1.05 0.00	19.55 0.97 -2.41	19.56 0.96 -2.63	19.91 0.98 -3.07	20.45 0.96 -3.45	23.37 1.27 -1.67	28.15 1.36 -3.76	28.96 1.56 0.00	29.41 1.45 -0.50	27.40 1.35 0.00	22.14 1.03 0.00	20.00 1.01 0.00
CRESCENT___HYD 24018	19.65 0.43 -10.29	17.84 0.44 -8.39	17.75 0.45 -8.30	17.50 0.41 -8.82	17.89 0.47 -8.25	19.52 0.52 -8.89	24.48 0.72 -9.34	25.94 0.94 -4.64	21.66 1.06 -0.23	20.49 0.96 0.00	20.34 0.91 0.00	19.46 0.95 -0.17	19.38 0.96 0.00	20.57 0.81 -3.58	20.67 0.78 -3.92	21.19 0.76 -4.57	21.96 0.79 -5.14	23.61 1.00 -2.17	28.78 1.15 -4.59	28.80 1.40 0.00	30.33 1.37 -1.51	27.32 1.28 0.00	22.14 1.03 0.00	19.92 0.93 0.00
CRICKET___VALLEY_CC1 323756	17.94 0.56 -8.44	16.46 0.56 -6.88	16.36 0.55 -6.81	16.02 0.51 -7.24	16.50 0.55 -6.78	18.01 0.60 -7.29	22.90 0.82 -7.67	25.32 1.16 -3.81	21.79 1.22 -0.19	20.65 1.11 0.00	20.55 1.13 0.00	19.67 1.19 -0.14	19.62 1.20 0.00	20.16 1.05 -2.94	20.21 1.02 -3.22	20.64 1.03 -3.75	21.26 1.01 -4.21	22.17 1.29 -0.44	23.96 1.41 0.48	29.02 1.62 0.00	29.59 1.51 -0.63	27.42 1.38 0.00	22.20 1.10 0.00	20.13 1.14 0.00
CRICKET___VALLEY_CC2 323757	17.94 0.56 -8.44	16.46 0.56 -6.88	16.36 0.55 -6.81	16.02 0.51 -7.24	16.50 0.55 -6.78	18.01 0.60 -7.29	22.90 0.82 -7.67	25.32 1.16 -3.81	21.79 1.22 -0.19	20.65 1.11 0.00	20.55 1.13 0.00	19.67 1.19 -0.14	19.62 1.20 0.00	20.16 1.05 -2.94	20.21 1.02 -3.22	20.64 1.03 -3.75	21.26 1.01 -4.21	22.17 1.29 -0.44	23.96 1.41 0.48	29.02 1.62 0.00	29.59 1.51 -0.63	27.42 1.38 0.00	22.20 1.10 0.00	20.13 1.14 0.00
CRICKET___VALLEY_CC3 323758	17.94 0.56 -8.44	16.46 0.56 -6.88	16.36 0.55 -6.81	16.02 0.51 -7.24	16.50 0.55 -6.78	18.01 0.60 -7.29	22.90 0.82 -7.67	25.32 1.16 -3.81	21.79 1.22 -0.19	20.65 1.11 0.00	20.55 1.13 0.00	19.67 1.19 -0.14	19.62 1.20 0.00	20.16 1.05 -2.94	20.21 1.02 -3.22	20.64 1.03 -3.75	21.26 1.01 -4.21	22.17 1.29 -0.44	23.96 1.41 0.48	29.02 1.62 0.00	29.59 1.51 -0.63	27.42 1.38 0.00	22.20 1.10 0.00	20.13 1.14 0.00
CRUCIBLE_METL_DRP 24180	9.87 0.10 -0.84	9.80 0.10 -0.68	9.78 0.10 -0.67	9.09 0.09 -0.72	9.94 0.10 -0.67	10.95 0.11 -0.72	15.35 0.17 -0.76	20.86 0.12 -0.38	20.52 0.12 -0.02	19.73 0.20 0.00	19.68 0.25 0.00	18.50 0.15 -0.01	18.55 0.13 0.00	16.60 0.13 -0.29	16.42 0.13 -0.32	16.35 0.11 -0.38	16.57 0.11 -0.42	20.79 0.16 -0.19	23.61 0.16 -0.41	27.59 0.19 0.00	27.75 0.25 -0.05	26.36 0.31 0.00	21.34 0.23 0.00	19.18 0.19 0.00
DAHOWA___HYDRO 323763	19.91 0.48 -10.49	18.06 0.49 -8.56	17.97 0.50 -8.46	17.74 0.46 -9.00	18.11 0.52 -8.42	19.78 0.60 -9.07	24.85 0.91 -9.53	26.26 1.16 -4.74	21.98 1.37 -0.23	20.77 1.23 0.00	20.57 1.15 0.00	19.65 1.14 -0.17	19.58 1.16 0.00	20.82 0.99 -3.66	20.96 0.99 -4.01	21.48 0.95 -4.67	22.26 0.98 -5.24	24.00 1.33 -2.24	29.39 1.59 -4.77	29.38 1.97 0.00	31.20 2.09 -1.66	27.94 1.90 0.00	22.56 1.46 0.00	20.27 1.27 0.00
DANC___LFGE 323619	9.51 0.04 -0.54	9.49 0.04 -0.44	9.50 0.06 -0.43	8.79 0.05 -0.46	9.68 0.08 -0.43	10.67 0.09 -0.47	15.06 0.16 -0.49	20.68 0.08 -0.24	20.29 -0.10 -0.01	19.52 -0.02 0.00	19.39 -0.04 0.00	18.21 -0.15 -0.01	18.27 -0.15 0.00	16.19 -0.18 -0.19	15.99 -0.19 -0.21	15.93 -0.17 -0.24	16.15 -0.16 -0.27	20.44 -0.12 -0.12	23.28 -0.02 -0.27	27.51 0.11 0.00	27.75 0.30 0.00	26.38 0.34 0.00	21.34 0.23 0.00	19.18 0.19 0.00
DANSKAMMER___1 23586	17.61 0.72 -7.95	16.18 0.68 -6.48	16.09 0.68 -6.41	15.73 0.63 -6.82	16.22 0.67 -6.38	17.71 0.72 -6.87	22.74 1.11 -7.22	25.49 1.55 -3.58	22.08 1.53 -0.18	20.88 1.35 0.00	20.84 1.42 0.00	19.88 1.41 -0.13	19.82 1.40 0.00	20.22 1.28 -2.77	20.27 1.28 -3.03	20.69 1.30 -3.53	21.32 1.32 -3.96	24.06 1.72 -1.91	29.22 1.89 -4.30	29.60 2.19 0.00	30.09 2.06 -0.58	28.02 1.98 0.00	22.56 1.46 0.00	20.38 1.39 0.00
DANSKAMMER___2 23589	17.61 0.72 -7.95	16.18 0.68 -6.48	16.09 0.68 -6.41	15.73 0.63 -6.82	16.22 0.67 -6.38	17.71 0.72 -6.87	22.74 1.11 -7.22	25.49 1.55 -3.58	22.08 1.53 -0.18	20.88 1.35 0.00	20.84 1.42 0.00	19.88 1.41 -0.13	19.82 1.40 0.00	20.22 1.28 -2.77	20.27 1.28 -3.03	20.69 1.30 -3.53	21.32 1.32 -3.96	24.06 1.72 -1.91	29.22 1.89 -4.30	29.60 2.19 0.00	30.09 2.06 -0.58	28.02 1.98 0.00	22.56 1.46 0.00	20.38 1.39 0.00
DANSKAMMER___3 23590	17.61 0.72 -7.95	16.18 0.68 -6.48	16.09 0.68 -6.41	15.73 0.63 -6.82	16.22 0.67 -6.38	17.71 0.72 -6.87	22.74 1.11 -7.22	25.49 1.55 -3.58	22.08 1.53 -0.18	20.88 1.35 0.00	20.84 1.42 0.00	19.88 1.41 -0.13	19.82 1.40 0.00	20.22 1.28 -2.77	20.27 1.28 -3.03	20.69 1.30 -3.53	21.32 1.32 -3.96	24.06 1.72 -1.91	29.22 1.89 -4.30	29.60 2.19 0.00	30.09 2.06 -0.58	28.02 1.98 0.00	22.56 1.46 0.00	20.38 1.39 0.00
DANSKAMMER___4 23591	17.61 0.72 -7.95	16.18 0.68 -6.48	16.09 0.68 -6.41	15.73 0.63 -6.82	16.22 0.67 -6.38	17.71 0.72 -6.87	22.74 1.11 -7.22	25.49 1.55 -3.58	22.08 1.53 -0.18	20.88 1.35 0.00	20.84 1.42 0.00	19.88 1.41 -0.13	19.82 1.40 0.00	20.22 1.28 -2.77	20.27 1.28 -3.03	20.69 1.30 -3.53	21.32 1.32 -3.96	24.06 1.72 -1.91	29.22 1.89 -4.30	29.60 2.19 0.00	30.09 2.06 -0.58	28.02 1.98 0.00	22.56 1.46 0.00	20.38 1.39 0.00
DANSKAMMER___DIESEL 23592	17.61 0.72 -7.95	16.18 0.69 -6.48	16.09 0.68 -6.41	15.73 0.63 -6.82	16.22 0.67 -6.38	17.71 0.72 -6.87	22.74 1.11 -7.22	25.49 1.55 -3.58	22.08 1.53 -0.18	20.87 1.33 0.00	20.78 1.36 0.00	19.88 1.41 -0.13	19.82 1.40 0.00	20.22 1.28 -2.77	20.28 1.28 -3.03	20.69 1.30 -3.53	21.32 1.32 -3.97	24.07 1.72 -1.91	29.22 1.89 -4.30	29.59 2.19 0.00	30.23 2.20 -0.58	28.05 2.01 0.00	22.56 1.46 0.00	20.38 1.39 0.00
DARBY___SOLAR 323810	19.88 0.48 -10.46	18.03 0.49 -8.53	17.94 0.49 -8.44	17.71 0.46 -8.97	18.08 0.51 -8.40	19.74 0.59 -9.04	24.80 0.88 -9.50	26.22 1.14 -4.73	21.95 1.34 -0.23	20.73 1.19 0.00	20.55 1.13 0.00	19.63 1.12 -0.17	19.56 1.14 0.00	20.79 0.97 -3.65	20.92 0.96 -3.99	21.45 0.94 -4.65	22.23 0.96 -5.23	23.95 1.29 -2.22	29.30 1.52 -4.74	29.29 1.89 0.00	31.07 1.98 -1.64	27.84 1.80 0.00	22.50 1.39 0.00	20.19 1.20 0.00
DASHVILLE___HYD 23610	17.73 0.64 -8.15	16.24 0.59 -6.64	16.14 0.57 -6.57	15.80 0.54 -6.98	16.26 0.55 -6.54	17.75 0.60 -7.04	22.76 0.95 -7.40	25.35 1.32 -3.67	21.88 1.32 -0.18	20.81 1.27 0.00	20.73 1.30 0.00	19.81 1.34 -0.13	19.75 1.33 0.00	20.15 1.15 -2.83	20.17 1.10 -3.11	20.64 1.16 -3.62	21.24 1.14 -4.07	23.84 1.49 -1.91	28.91 1.61 -4.27	29.43 2.03 0.00	30.01 1.89 -0.66	27.95 1.90 0.00	22.50 1.39 0.00	20.40 1.41 0.00

DEERFIELD_69_KV_DEERFIELD LD 355887	24.76 0.98 -14.84	21.80 0.99 -11.79	19.89 0.97 -9.91	19.29 0.94 -10.07	20.09 0.98 -9.94	21.72 1.07 -10.53	28.34 1.53 -12.40	28.55 2.18 -6.01	28.34 1.71 -6.25	23.49 1.50 -2.45	25.21 1.46 -4.33	25.27 1.56 -5.36	25.40 1.73 -5.24	26.49 1.44 -8.88	28.04 1.61 -10.46	28.18 1.76 -10.56	30.65 1.80 -12.82	41.44 2.43 -18.57	44.95 2.72 -19.20	39.50 3.21 -8.89	39.36 2.96 -8.95	35.13 2.66 -6.43	27.93 2.05 -4.77	24.72 1.92 -3.81
DELAWARE___LFGE 323621	12.67 0.37 -3.37	12.13 0.36 -2.75	12.09 0.36 -2.72	11.50 0.33 -2.89	12.24 0.37 -2.71	13.44 0.40 -2.91	18.10 0.62 -3.06	22.67 0.79 -1.52	21.23 0.77 -0.07	20.26 0.72 0.00	20.14 0.72 0.00	19.08 0.68 -0.05	19.12 0.70 0.00	17.96 0.61 -1.18	17.84 0.59 -1.29	17.96 0.60 -1.50	18.33 0.61 -1.68	22.01 0.82 -0.76	25.61 0.92 -1.66	28.53 1.12 0.00	29.00 1.13 -0.42	27.11 1.07 0.00	21.93 0.82 0.00	19.77 0.78 0.00
DERFIELD_115KV_TB7 355931	8.98 0.04 0.00	9.06 0.05 0.00	9.05 0.05 0.00	8.32 0.04 0.00	9.22 0.05 0.00	10.17 0.05 0.00	14.50 0.09 0.00	20.44 0.08 0.00	20.46 0.08 0.00	19.62 0.08 0.00	19.50 0.08 0.00	18.42 0.07 0.00	18.49 0.07 0.00	16.24 0.06 0.00	16.02 0.05 0.00	15.91 0.05 0.00	16.09 0.05 0.00	20.52 0.08 0.00	23.13 0.09 0.00	27.54 0.14 0.00	27.59 0.14 0.00	26.17 0.13 0.00	21.21 0.11 0.00	19.09 0.09 0.00
DOGLEVILLE___HYD 23807	8.94 0.01 0.00	9.01 0.00 0.00	9.01 0.01 0.00	8.29 0.01 0.00	9.20 0.03 0.00	10.16 0.04 0.00	14.49 0.07 0.00	20.32 -0.04 0.00	20.42 0.04 0.00	19.54 0.00 0.00	19.43 0.00 0.00	18.33 -0.02 0.00	18.29 -0.13 0.00	16.13 -0.05 0.00	15.82 -0.14 0.00	15.73 -0.13 0.00	15.93 -0.11 0.00	20.28 -0.16 0.00	22.87 -0.16 0.00	27.27 -0.14 0.00	27.37 -0.08 0.00	26.18 0.13 0.00	21.21 0.11 0.00	19.13 0.13 0.00
DUNKIRK___115KV_TB_200 55889	10.49 0.08 -1.47	10.29 0.07 -1.20	10.28 0.09 -1.19	9.63 0.09 -1.26	10.43 0.08 -1.18	11.45 0.06 -1.27	15.77 0.01 -1.34	20.72 -0.31 -0.66	20.35 -0.06 -0.03	19.79 0.25 0.00	19.85 0.43 0.00	18.50 0.13 -0.02	18.62 0.20 0.00	16.67 -0.02 -0.51	16.53 0.00 -0.56	16.45 -0.06 -0.66	16.65 -0.13 -0.74	20.65 -0.12 -0.33	23.64 -0.12 -0.72	27.40 0.00 0.00	27.34 -0.22 -0.11	26.33 0.29 0.00	21.70 0.59 0.00	19.54 0.55 0.00
DUNKIRK___1 23563	10.49 0.08 -1.47	10.29 0.07 -1.20	10.28 0.09 -1.19	9.63 0.09 -1.26	10.43 0.08 -1.18	11.45 0.06 -1.27	15.77 0.01 -1.34	20.72 -0.31 -0.66	20.35 -0.06 -0.03	19.79 0.25 0.00	19.85 0.43 0.00	18.50 0.13 -0.02	18.62 0.20 0.00	16.67 -0.02 -0.51	16.53 0.00 -0.56	16.45 -0.06 -0.66	16.65 -0.13 -0.74	20.65 -0.12 -0.33	23.64 -0.12 -0.72	27.40 0.00 0.00	27.34 -0.22 -0.11	26.33 0.29 0.00	21.70 0.59 0.00	19.54 0.55 0.00
DUNKIRK___2 23564	10.49 0.08 -1.47	10.29 0.07 -1.20	10.28 0.09 -1.19	9.63 0.09 -1.26	10.43 0.08 -1.18	11.45 0.06 -1.27	15.77 0.01 -1.34	20.72 -0.31 -0.66	20.35 -0.06 -0.03	19.79 0.25 0.00	19.85 0.43 0.00	18.50 0.13 -0.02	18.62 0.20 0.00	16.67 -0.02 -0.51	16.53 0.00 -0.56	16.45 -0.06 -0.66	16.65 -0.13 -0.74	20.65 -0.12 -0.33	23.64 -0.12 -0.72	27.40 0.00 0.00	27.34 -0.22 -0.11	26.33 0.29 0.00	21.70 0.59 0.00	19.54 0.55 0.00
DUNKIRK___3 23565	10.45 0.04 -1.47	10.25 0.05 -1.19	10.25 0.06 -1.18	9.60 0.07 -1.26	10.38 0.04 -1.18	11.39 0.01 -1.27	15.69 -0.06 -1.33	20.57 -0.45 -0.67	20.21 -0.20 -0.03	19.65 0.12 0.00	19.72 0.29 0.00	18.37 0.00 -0.02	18.49 0.07 0.00	16.58 -0.11 -0.52	16.44 -0.10 -0.56	16.36 -0.16 -0.66	16.55 -0.22 -0.74	20.53 -0.25 -0.33	23.48 -0.28 -0.73	27.24 -0.16 0.00	27.12 -0.44 -0.11	26.12 0.08 0.00	21.53 0.42 0.00	19.39 0.40 0.00
DUNKIRK___4 23566	10.45 0.04 -1.47	10.25 0.05 -1.19	10.25 0.06 -1.18	9.60 0.07 -1.26	10.38 0.04 -1.18	11.39 0.01 -1.27	15.69 -0.06 -1.33	20.57 -0.45 -0.67	20.21 -0.20 -0.03	19.65 0.12 0.00	19.72 0.29 0.00	18.37 0.00 -0.02	18.49 0.07 0.00	16.58 -0.11 -0.52	16.44 -0.10 -0.56	16.36 -0.16 -0.66	16.55 -0.22 -0.74	20.53 -0.25 -0.33	23.48 -0.28 -0.73	27.24 -0.16 0.00	27.12 -0.44 -0.11	26.12 0.08 0.00	21.53 0.42 0.00	19.39 0.40 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	17.66 0.74 -7.98	16.23 0.71 -6.51	16.13 0.69 -6.43	15.77 0.65 -6.84	16.25 0.68 -6.40	17.76 0.75 -6.89	22.80 1.14 -7.25	25.58 1.63 -3.60	22.20 1.65 -0.18	21.02 1.48 0.00	20.90 1.48 0.00	20.03 1.56 -0.13	19.99 1.57 0.00	20.36 1.41 -2.78	20.43 1.42 -3.04	20.85 1.44 -3.54	21.43 1.41 -3.98	24.20 1.82 -1.94	29.40 1.98 -4.39	29.70 2.30 0.00	30.23 2.20 -0.58	28.02 1.98 0.00	22.61 1.50 0.00	20.48 1.48 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	17.31 0.66 -7.71	15.92 0.62 -6.29	15.84 0.61 -6.22	15.47 0.58 -6.61	15.96 0.61 -6.19	17.44 0.66 -6.66	22.43 1.01 -7.00	25.26 1.42 -3.48	21.95 1.41 -0.17	20.79 1.25 0.00	20.67 1.24 0.00	19.77 1.30 -0.12	19.73 1.31 0.00	20.04 1.18 -2.68	20.09 1.18 -2.94	20.49 1.21 -3.43	21.09 1.20 -3.85	23.87 1.57 -1.85	28.94 1.73 -4.18	29.40 2.00 0.00	30.02 2.00 -0.57	27.84 1.80 0.00	22.44 1.33 0.00	20.29 1.29 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	17.79 0.87 -7.99	16.36 0.84 -6.51	16.26 0.82 -6.43	15.91 0.78 -6.85	16.36 0.79 -6.40	17.85 0.84 -6.89	22.83 1.17 -7.25	25.60 1.65 -3.60	22.25 1.69 -0.18	21.06 1.52 0.00	20.96 1.53 0.00	20.12 1.65 -0.13	20.06 1.64 0.00	20.42 1.47 -2.78	20.51 1.50 -3.04	20.94 1.54 -3.54	21.50 1.48 -3.98	24.30 1.92 -1.94	29.45 2.03 -4.39	29.73 2.33 0.00	30.25 2.22 -0.58	28.02 1.98 0.00	22.58 1.48 0.00	20.74 1.75 0.00
E179THST_13_KV_LOAD 356214	17.83 0.90 -7.99	16.39 0.87 -6.51	16.29 0.85 -6.43	15.93 0.80 -6.85	16.39 0.82 -6.40	17.88 0.87 -6.89	22.87 1.21 -7.25	25.68 1.73 -3.60	22.35 1.79 -0.18	21.14 1.60 0.00	21.06 1.63 0.00	20.20 1.72 -0.13	20.13 1.71 0.00	20.49 1.54 -2.78	20.57 1.56 -3.04	21.02 1.62 -3.54	21.56 1.54 -3.98	24.40 2.02 -1.94	29.54 2.12 -4.39	29.84 2.44 0.00	30.39 2.36 -0.58	28.13 2.08 0.00	22.67 1.56 0.00	20.82 1.82 0.00
EAST HAMPTON___GT 23717	24.87 1.09 -14.84	21.91 1.10 -11.79	20.02 1.10 -9.91	19.39 1.03 -10.07	20.20 1.09 -9.94	21.83 1.18 -10.53	28.52 1.70 -12.40	28.81 2.44 -6.01	28.48 1.85 -6.25	23.61 1.62 -2.45	25.39 1.63 -4.33	25.38 1.67 -5.36	25.56 1.90 -5.24	26.57 1.52 -8.88	28.23 1.80 -10.46	28.35 1.93 -10.56	30.82 1.97 -12.81	41.73 2.72 -18.57	45.20 2.97 -19.20	39.80 3.51 -8.89	39.80 3.40 -8.95	35.39 2.92 -6.43	28.18 2.30 -4.77	24.93 2.13 -3.81
EAST RIVER___6 23660	17.76 0.85 -7.98	16.32 0.80 -6.51	16.22 0.78 -6.43	15.87 0.75 -6.84	16.33 0.75 -6.40	17.82 0.81 -6.89	22.88 1.22 -7.25	25.68 1.73 -3.60	22.37 1.81 -0.18	21.18 1.64 0.00	21.15 1.73 0.00	20.22 1.74 -0.13	20.13 1.71 0.00	20.52 1.57 -2.78	20.60 1.60 -3.04	21.03 1.63 -3.54	21.59 1.57 -3.98	24.40 2.02 -1.94	29.59 2.16 -4.39	29.92 2.52 0.00	30.42 2.39 -0.58	28.18 2.14 0.00	22.77 1.67 0.00	20.65 1.65 0.00

EAST RIVER___7 23524	17.76 0.85 -7.98	16.32 0.80 -6.51	16.22 0.78 -6.43	15.87 0.75 -6.84	16.33 0.75 -6.40	17.82 0.81 -6.89	22.88 1.22 -7.25	25.68 1.73 -3.60	22.37 1.81 -0.18	21.18 1.64 0.00	21.15 1.73 0.00	20.22 1.74 -0.13	20.13 1.71 0.00	20.52 1.57 -2.78	20.60 1.60 -3.04	21.03 1.63 -3.54	21.59 1.57 -3.98	24.40 2.02 -1.94	29.59 2.16 -4.39	29.92 2.52 0.00	30.42 2.39 -0.58	28.18 2.14 0.00	22.77 1.67 0.00	20.65 1.65 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	17.62 0.72 -7.96	16.20 0.69 -6.49	16.11 0.68 -6.42	15.75 0.65 -6.83	16.22 0.66 -6.39	17.73 0.73 -6.88	22.76 1.11 -7.23	25.53 1.59 -3.59	22.16 1.61 -0.18	20.98 1.45 0.00	20.86 1.44 0.00	19.99 1.52 -0.13	19.93 1.51 0.00	20.32 1.37 -2.77	20.38 1.37 -3.04	20.81 1.41 -3.54	21.38 1.36 -3.97	24.15 1.78 -1.93	29.35 1.93 -4.38	29.62 2.22 0.00	30.17 2.14 -0.58	27.97 1.93 0.00	22.56 1.46 0.00	20.44 1.44 0.00
EAST_HAMPTON___DIESEL 23722	24.87 1.09 -14.84	21.91 1.10 -11.79	20.03 1.11 -9.91	19.39 1.03 -10.07	20.20 1.09 -9.94	21.84 1.19 -10.53	28.52 1.70 -12.40	28.81 2.44 -6.01	28.48 1.85 -6.25	23.61 1.62 -2.45	25.41 1.65 -4.33	25.38 1.67 -5.36	25.56 1.90 -5.24	26.57 1.52 -8.88	28.23 1.80 -10.46	28.35 1.93 -10.56	30.84 1.99 -12.81	41.73 2.72 -18.57	45.20 2.97 -19.20	39.80 3.51 -8.89	39.80 3.40 -8.95	35.39 2.92 -6.43	28.18 2.30 -4.77	24.93 2.13 -3.81
EAST_PULASKI___ESR 323781	9.55 0.00 -0.61	9.51 0.00 -0.50	9.52 0.02 -0.49	8.81 0.01 -0.53	9.68 0.02 -0.49	10.68 0.03 -0.53	15.03 0.06 -0.56	20.57 -0.06 -0.28	20.27 -0.12 -0.01	19.48 -0.06 0.00	19.39 -0.04 0.00	18.23 -0.13 -0.01	18.29 -0.13 0.00	16.26 -0.13 -0.22	16.06 -0.14 -0.24	15.99 -0.14 -0.28	16.21 -0.14 -0.31	20.43 -0.14 -0.14	23.22 -0.12 -0.30	27.35 -0.05 0.00	27.42 -0.03 0.00	26.15 0.10 0.00	21.17 0.06 0.00	19.03 0.04 0.00
EAST_RIVER___1 323558	17.73 0.81 -7.98	16.29 0.77 -6.51	16.19 0.75 -6.43	15.83 0.71 -6.84	16.30 0.72 -6.40	17.81 0.80 -6.89	22.87 1.21 -7.25	25.68 1.73 -3.60	22.35 1.79 -0.18	21.16 1.62 0.00	21.14 1.71 0.00	20.18 1.71 -0.13	20.10 1.68 0.00	20.49 1.54 -2.78	20.56 1.55 -3.04	20.99 1.59 -3.54	21.54 1.52 -3.98	24.36 1.98 -1.94	29.54 2.12 -4.39	29.84 2.44 0.00	30.34 2.31 -0.58	28.13 2.08 0.00	22.69 1.58 0.00	20.59 1.60 0.00
EAST_RIVER___2 323559	17.76 0.85 -7.98	16.32 0.80 -6.51	16.22 0.78 -6.43	15.87 0.75 -6.84	16.33 0.75 -6.40	17.82 0.81 -6.89	22.88 1.22 -7.25	25.68 1.73 -3.60	22.37 1.81 -0.18	21.18 1.64 0.00	21.15 1.73 0.00	20.22 1.74 -0.13	20.13 1.71 0.00	20.52 1.57 -2.78	20.60 1.60 -3.04	21.03 1.63 -3.54	21.59 1.57 -3.98	24.40 2.02 -1.94	29.59 2.16 -4.39	29.92 2.52 0.00	30.42 2.39 -0.58	28.18 2.14 0.00	22.77 1.67 0.00	20.65 1.65 0.00
EAST___DELAWARE_HYD 23607	16.83 0.74 -7.16	15.52 0.67 -5.83	15.42 0.65 -5.77	15.03 0.61 -6.13	15.57 0.66 -5.74	16.99 0.69 -6.18	22.04 1.12 -6.50	25.13 1.55 -3.23	21.90 1.37 -0.16	20.69 1.15 0.00	20.69 1.26 0.00	19.69 1.23 -0.11	19.66 1.23 0.00	19.79 1.13 -2.49	19.47 0.78 -2.73	19.86 0.82 -3.18	20.50 0.90 -3.57	23.34 1.21 -1.70	28.18 1.34 -3.81	28.88 1.48 0.00	30.00 2.00 -0.55	28.10 2.06 0.00	22.50 1.39 0.00	20.29 1.29 0.00
EIGHT_POINT___WT_PWR 323820	11.02 0.27 -1.82	10.78 0.28 -1.48	10.77 0.30 -1.46	10.12 0.28 -1.56	10.93 0.30 -1.46	12.02 0.33 -1.57	16.54 0.47 -1.65	21.43 0.31 -0.77	20.84 0.43 -0.04	20.18 0.64 0.00	20.01 0.58 0.00	18.81 0.44 -0.03	18.85 0.42 0.00	17.04 0.27 -0.60	16.89 0.27 -0.65	16.87 0.25 -0.76	17.12 0.22 -0.85	21.23 0.41 -0.38	24.36 0.48 -0.84	28.14 0.74 0.00	28.81 1.24 -0.13	27.03 0.99 0.00	22.08 0.97 0.00	19.87 0.87 0.00
ELBRIDGE_115KV_TB2 80188	9.89 0.07 -0.88	9.80 0.07 -0.72	9.78 0.06 -0.71	9.09 0.06 -0.75	9.94 0.06 -0.71	10.96 0.08 -0.76	15.33 0.12 -0.80	20.81 0.06 -0.40	20.44 0.04 -0.02	19.65 0.12 0.00	19.58 0.16 0.00	18.41 0.06 -0.01	18.49 0.07 0.00	16.53 0.05 -0.31	16.39 0.08 -0.34	16.32 0.06 -0.39	16.55 0.06 -0.44	20.74 0.10 -0.20	23.56 0.09 -0.43	27.54 0.14 0.00	27.62 0.11 -0.06	26.23 0.18 0.00	21.26 0.15 0.00	19.11 0.11 0.00
ELEC_TRO_TEK 24086	24.65 0.87 -14.84	21.65 0.84 -11.79	19.74 0.82 -9.91	19.13 0.78 -10.07	19.92 0.81 -9.94	21.54 0.89 -10.53	28.16 1.34 -12.40	28.30 1.93 -6.01	27.45 1.77 -5.30	23.21 1.60 -2.07	24.69 1.61 -3.65	24.59 1.71 -4.54	24.63 1.79 -4.42	25.63 1.54 -7.92	26.85 1.58 -9.30	28.07 1.65 -10.56	30.46 1.60 -12.82	41.12 2.11 -18.57	44.51 2.28 -19.20	38.95 2.66 -8.89	38.92 2.53 -8.95	34.74 2.27 -6.43	27.65 1.77 -4.77	24.55 1.75 -3.81
ELLENBURG_WT_PWR 323604	8.69 -0.24 0.00	8.82 -0.20 0.00	8.80 -0.21 0.00	8.07 -0.21 0.00	8.98 -0.19 0.00	9.94 -0.18 0.00	14.14 -0.27 0.00	20.29 -0.06 0.00	20.24 -0.14 0.00	19.34 -0.20 0.00	19.09 -0.33 0.00	17.92 -0.42 0.00	18.00 -0.42 0.00	15.74 -0.44 0.00	15.60 -0.37 0.00	15.49 -0.36 0.00	15.75 -0.29 0.00	20.15 -0.29 0.00	22.83 -0.21 0.00	27.13 -0.27 0.00	27.20 -0.25 0.00	25.78 -0.26 0.00	20.92 -0.19 0.00	18.82 -0.17 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	10.28 -0.04 -1.39	10.11 -0.04 -1.13	10.11 -0.02 -1.12	9.46 -0.01 -1.19	10.23 -0.06 -1.11	11.20 -0.11 -1.20	15.41 -0.26 -1.26	19.98 -1.00 -0.62	19.65 -0.75 -0.03	19.13 -0.41 0.00	19.25 -0.17 0.00	17.91 -0.46 -0.02	18.03 -0.39 0.00	16.18 -0.47 -0.48	16.04 -0.45 -0.52	15.99 -0.48 -0.61	16.18 -0.55 -0.69	20.05 -0.69 -0.31	22.88 -0.83 -0.67	26.47 -0.93 0.00	26.26 -1.29 -0.10	25.31 -0.73 0.00	20.94 -0.17 0.00	18.88 -0.11 0.00
EMPIRE_CC_1 323656	19.04 0.36 -9.75	17.33 0.37 -7.95	17.24 0.38 -7.86	16.98 0.34 -8.36	17.38 0.39 -7.82	18.96 0.42 -8.42	23.81 0.55 -8.85	25.40 0.65 -4.39	21.43 0.84 -0.22	20.24 0.70 0.00	20.14 0.72 0.00	19.29 0.79 -0.16	19.19 0.77 0.00	20.23 0.66 -3.39	20.32 0.64 -3.71	20.79 0.60 -4.33	21.53 0.62 -4.86	23.16 0.72 -2.00	28.04 0.81 -4.20	28.36 0.96 0.00	29.21 0.90 -0.85	26.85 0.81 0.00	21.89 0.78 0.00	19.72 0.72 0.00
EMPIRE_CC_2 323658	19.04 0.36 -9.75	17.33 0.37 -7.95	17.24 0.38 -7.86	16.98 0.34 -8.36	17.38 0.39 -7.82	18.96 0.42 -8.42	23.81 0.55 -8.85	25.40 0.65 -4.39	21.43 0.84 -0.22	20.24 0.70 0.00	20.14 0.72 0.00	19.29 0.79 -0.16	19.19 0.77 0.00	20.23 0.66 -3.39	20.32 0.64 -3.71	20.79 0.60 -4.33	21.53 0.62 -4.86	23.16 0.72 -2.00	28.04 0.81 -4.20	28.36 0.96 0.00	29.21 0.90 -0.85	26.85 0.81 0.00	21.89 0.78 0.00	19.72 0.72 0.00
ENORWICH_115KV_TB1 80156	12.11 0.66 -2.52	11.73 0.67 -2.05	11.70 0.67 -2.03	11.04 0.60 -2.16	11.91 0.72 -2.02	13.10 0.81 -2.18	17.94 1.24 -2.29	22.94 1.45 -1.14	21.55 1.12 -0.06	20.63 1.09 0.00	20.45 1.03 0.00	19.12 0.73 -0.04	19.16 0.74 0.00	17.67 0.61 -0.88	17.51 0.57 -0.96	17.58 0.60 -1.12	18.01 0.71 -1.26	22.07 1.06 -0.57	25.70 1.43 -1.24	29.40 2.00 0.00	29.91 2.22 -0.24	28.26 2.21 0.00	22.84 1.73 0.00	20.57 1.58 0.00

ERIE_ST__34_KV_TB1-2 80199	10.31 -0.07 -1.44	10.12 -0.07 -1.18	10.11 -0.06 -1.16	9.47 -0.05 -1.24	10.24 -0.09 -1.16	11.23 -0.13 -1.25	15.45 -0.27 -1.31	20.06 -0.94 -0.64	19.80 -0.61 -0.03	19.32 -0.21 0.00	19.41 -0.02 0.00	18.07 -0.29 -0.02	18.16 -0.26 0.00	16.20 -0.47 -0.50	16.07 -0.45 -0.55	15.99 -0.51 -0.64	16.18 -0.58 -0.71	20.02 -0.74 -0.32	22.91 -0.83 -0.70	26.69 -0.71 0.00	26.56 -0.99 -0.10	25.60 -0.44 0.00	21.11 0.00 0.00	19.03 0.04 0.00
ERIE_WT_PWR 323693	10.35 -0.01 -1.43	10.17 -0.01 -1.16	10.17 0.01 -1.15	9.51 0.01 -1.22	10.29 -0.03 -1.14	11.28 -0.07 -1.23	15.51 -0.20 -1.30	20.10 -0.90 -0.64	19.78 -0.63 -0.03	19.26 -0.27 0.00	19.15 -0.27 0.00	18.04 -0.33 -0.02	18.15 -0.28 0.00	16.26 -0.40 -0.49	16.12 -0.38 -0.54	16.06 -0.43 -0.63	16.25 -0.50 -0.71	20.14 -0.61 -0.32	23.02 -0.71 -0.70	26.66 -0.74 0.00	27.33 -0.22 -0.10	25.55 -0.50 0.00	21.09 -0.02 0.00	19.01 0.02 0.00
ESPRGFLD_115KV_TB1 80157	8.07 0.55 1.41	8.41 0.54 1.15	8.41 0.54 1.14	7.57 0.50 1.21	8.61 0.57 1.13	9.56 0.66 1.22	14.17 1.04 1.28	21.10 1.36 0.62	21.55 1.20 0.03	20.67 1.13 0.00	20.49 1.07 0.00	19.26 0.94 0.02	19.42 0.99 0.00	16.55 0.86 0.48	16.30 0.88 0.54	16.11 0.89 0.63	16.26 0.93 0.71	21.33 1.27 0.37	23.71 1.54 0.87	29.38 1.97 0.00	30.62 1.98 -1.19	27.87 1.82 0.00	22.46 1.35 0.00	20.21 1.22 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	11.11 0.30 -1.88	10.85 0.31 -1.53	10.82 0.31 -1.51	10.18 0.29 -1.61	11.00 0.32 -1.50	12.09 0.35 -1.62	16.65 0.53 -1.70	21.76 0.55 -0.85	20.93 0.51 -0.04	20.08 0.55 0.00	19.99 0.56 0.00	18.76 0.39 -0.03	18.81 0.39 0.00	17.16 0.32 -0.66	16.99 0.30 -0.72	17.02 0.32 -0.84	17.34 0.35 -0.95	21.39 0.53 -0.42	24.58 0.62 -0.93	28.25 0.85 0.00	28.50 0.91 -0.15	27.01 0.96 0.00	21.87 0.76 0.00	19.66 0.66 0.00
ETNA____115KV_TB2 80207	11.11 0.30 -1.88	10.85 0.31 -1.53	10.82 0.31 -1.51	10.18 0.29 -1.61	11.00 0.32 -1.50	12.09 0.35 -1.62	16.65 0.53 -1.70	21.76 0.55 -0.85	20.93 0.51 -0.04	20.08 0.55 0.00	19.99 0.56 0.00	18.76 0.39 -0.03	18.81 0.39 0.00	17.16 0.32 -0.66	16.99 0.30 -0.72	17.02 0.32 -0.84	17.34 0.35 -0.95	21.39 0.53 -0.42	24.58 0.62 -0.93	28.25 0.85 0.00	28.50 0.91 -0.15	27.01 0.96 0.00	21.87 0.76 0.00	19.66 0.66 0.00
EUCLID__115KV_TB2 356179	9.65 0.00 -0.71	9.60 0.00 -0.58	9.58 0.00 -0.57	8.89 0.00 -0.61	9.74 0.00 -0.57	10.72 -0.01 -0.62	15.06 0.00 -0.65	20.55 -0.12 -0.32	20.29 -0.10 -0.02	19.50 -0.04 0.00	19.44 0.02 0.00	18.28 -0.07 -0.01	18.37 -0.06 0.00	16.38 -0.05 -0.25	16.18 -0.06 -0.28	16.12 -0.06 -0.32	16.34 -0.06 -0.36	20.52 -0.08 -0.16	23.29 -0.09 -0.35	27.29 -0.11 0.00	27.34 -0.11 0.00	25.99 -0.05 0.00	21.09 -0.02 0.00	18.96 -0.04 0.00
E_CANADA_CAP_HY 24051	22.32 0.65 -12.73	20.03 0.64 -10.38	19.93 0.66 -10.26	19.80 0.60 -10.91	20.07 0.69 -10.21	21.90 0.79 -11.00	27.24 1.27 -11.56	27.78 1.67 -5.75	22.15 1.49 -0.28	20.88 1.35 0.00	20.67 1.24 0.00	19.69 1.14 -0.20	19.64 1.22 0.00	21.64 1.04 -4.43	21.89 1.07 -4.86	22.58 1.06 -5.66	23.52 1.12 -6.36	24.78 1.55 -2.79	30.99 1.91 -6.04	29.84 2.44 0.00	31.48 2.55 -1.47	28.26 2.21 0.00	22.75 1.65 0.00	20.42 1.43 0.00
E_CANADA_MHWK_HY 24050	8.94 0.01 0.00	9.01 0.00 0.00	9.01 0.01 0.00	8.29 0.01 0.00	9.20 0.03 0.00	10.16 0.04 0.00	14.49 0.07 0.00	20.32 -0.04 0.00	20.42 0.04 0.00	19.54 0.00 0.00	19.43 0.00 0.00	18.33 -0.02 0.00	18.29 -0.13 0.00	16.13 -0.05 0.00	15.82 -0.14 0.00	15.73 -0.13 0.00	15.93 -0.11 0.00	20.28 -0.16 0.00	22.87 -0.16 0.00	27.27 -0.14 0.00	27.37 -0.08 0.00	26.18 0.13 0.00	21.21 0.11 0.00	19.13 0.13 0.00
E_FISHKILL__LBMP 23776	17.72 0.65 -8.13	16.28 0.63 -6.63	16.18 0.61 -6.56	15.83 0.58 -6.97	16.30 0.61 -6.53	17.81 0.67 -7.03	22.78 0.98 -7.39	25.43 1.40 -3.67	21.98 1.43 -0.18	20.83 1.29 0.00	20.69 1.26 0.00	19.83 1.36 -0.13	19.77 1.34 0.00	20.22 1.21 -2.83	20.28 1.21 -3.10	20.71 1.24 -3.61	21.30 1.20 -4.06	23.97 1.55 -1.98	29.22 1.70 -4.48	29.38 1.97 0.00	29.94 1.89 -0.59	27.74 1.69 0.00	22.42 1.31 0.00	20.29 1.29 0.00
FALCON__SEABRD_CC1 323796	8.76 -0.18 0.00	8.88 -0.13 0.00	8.86 -0.14 0.00	8.12 -0.16 0.00	9.03 -0.14 0.00	10.01 -0.11 0.00	14.26 -0.16 0.00	20.48 0.12 0.00	20.42 0.04 0.00	19.52 -0.02 0.00	19.25 -0.18 0.00	18.07 -0.27 0.00	18.15 -0.28 0.00	15.85 -0.32 0.00	15.73 -0.24 0.00	15.62 -0.24 0.00	15.89 -0.14 0.00	20.32 -0.12 0.00	23.06 0.02 0.00	27.37 -0.03 0.00	27.48 0.03 0.00	25.99 -0.05 0.00	21.09 -0.02 0.00	18.98 -0.02 0.00
FALCON__SEABRD_CC2 323797	8.76 -0.18 0.00	8.88 -0.13 0.00	8.86 -0.14 0.00	8.12 -0.16 0.00	9.03 -0.14 0.00	10.01 -0.11 0.00	14.26 -0.16 0.00	20.48 0.12 0.00	20.42 0.04 0.00	19.52 -0.02 0.00	19.25 -0.18 0.00	18.07 -0.27 0.00	18.15 -0.28 0.00	15.85 -0.32 0.00	15.73 -0.24 0.00	15.62 -0.24 0.00	15.89 -0.14 0.00	20.32 -0.12 0.00	23.06 0.02 0.00	27.37 -0.03 0.00	27.48 0.03 0.00	25.99 -0.05 0.00	21.09 -0.02 0.00	18.98 -0.02 0.00
FAR ROCKAWAY__4 23548	24.76 0.98 -14.84	21.76 0.96 -11.79	19.86 0.94 -9.91	19.23 0.88 -10.07	20.03 0.92 -9.94	21.66 1.01 -10.53	28.33 1.51 -12.40	28.51 2.14 -6.01	27.99 2.02 -5.59	23.56 1.84 -2.18	25.13 1.85 -3.86	25.07 1.93 -4.80	25.05 1.95 -4.68	26.14 1.75 -8.22	27.38 1.76 -9.66	28.23 1.81 -10.56	30.64 1.78 -12.82	41.36 2.35 -18.57	44.58 2.35 -19.20	39.03 2.74 -8.89	39.03 2.64 -8.95	35.13 2.66 -6.43	28.12 2.24 -4.77	24.93 2.13 -3.81
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	17.73 0.81 -7.98	16.29 0.77 -6.51	16.20 0.76 -6.43	15.84 0.72 -6.84	16.30 0.72 -6.40	17.81 0.80 -6.89	22.89 1.23 -7.25	25.70 1.75 -3.60	22.37 1.81 -0.18	21.18 1.64 0.00	21.06 1.63 0.00	20.20 1.72 -0.13	20.12 1.69 0.00	20.50 1.55 -2.78	20.57 1.56 -3.04	21.00 1.60 -3.54	21.56 1.54 -3.98	24.38 2.00 -1.94	29.54 2.12 -4.39	29.84 2.44 0.00	30.39 2.36 -0.58	28.15 2.11 0.00	22.71 1.60 0.00	20.63 1.63 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	17.73 0.81 -7.98	16.29 0.77 -6.51	16.20 0.76 -6.43	15.84 0.72 -6.84	16.30 0.72 -6.40	17.81 0.80 -6.89	22.89 1.23 -7.25	25.70 1.75 -3.60	22.37 1.81 -0.18	21.18 1.64 0.00	21.06 1.63 0.00	20.20 1.72 -0.13	20.12 1.69 0.00	20.49 1.54 -2.78	20.57 1.56 -3.04	21.00 1.60 -3.54	21.56 1.54 -3.98	24.38 2.00 -1.94	29.54 2.12 -4.39	29.84 2.44 0.00	30.39 2.36 -0.58	28.15 2.11 0.00	22.71 1.60 0.00	20.63 1.63 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	17.73 0.81 -7.98	16.29 0.77 -6.51	16.19 0.75 -6.43	15.83 0.71 -6.84	16.30 0.72 -6.40	17.81 0.80 -6.89	22.87 1.21 -7.25	25.70 1.75 -3.60	22.37 1.81 -0.18	21.16 1.62 0.00	21.06 1.63 0.00	20.18 1.71 -0.13	20.12 1.69 0.00	20.49 1.54 -2.78	20.56 1.55 -3.04	20.99 1.59 -3.54	21.56 1.54 -3.98	24.36 1.98 -1.94	29.54 2.12 -4.39	29.84 2.44 0.00	30.36 2.33 -0.58	28.13 2.08 0.00	22.69 1.58 0.00	20.61 1.61 0.00

FARRAGUT___LBMP 323566	17.72 0.80 -7.98	16.28 0.76 -6.51	16.19 0.75 -6.43	15.83 0.71 -6.84	16.29 0.72 -6.40	17.80 0.79 -6.89	22.87 1.21 -7.25	25.68 1.73 -3.60	22.35 1.79 -0.18	21.14 1.60 0.00	21.04 1.61 0.00	20.16 1.69 -0.13	20.10 1.68 0.00	20.47 1.52 -2.78	20.54 1.53 -3.04	20.97 1.57 -3.54	21.54 1.52 -3.98	24.36 1.98 -1.94	29.52 2.10 -4.39	29.81 2.41 0.00	30.36 2.33 -0.58	28.13 2.08 0.00	22.69 1.58 0.00	20.61 1.61 0.00
FENNER___WINDPWR 24204	10.16 0.21 -1.01	10.05 0.22 -0.82	10.05 0.23 -0.82	9.35 0.20 -0.87	10.22 0.24 -0.81	11.25 0.26 -0.87	15.73 0.40 -0.92	21.24 0.43 -0.46	20.91 0.51 -0.02	20.07 0.53 0.00	19.95 0.52 0.00	18.75 0.39 -0.02	18.79 0.37 0.00	16.88 0.34 -0.37	16.64 0.27 -0.40	16.63 0.30 -0.47	16.91 0.34 -0.53	21.05 0.37 -0.24	24.02 0.46 -0.52	28.03 0.63 0.00	28.29 0.77 -0.07	26.80 0.76 0.00	21.68 0.57 0.00	19.51 0.51 0.00
FIBERTEK___ENERGY 23856	9.87 0.10 -0.84	9.80 0.10 -0.68	9.78 0.10 -0.67	9.09 0.09 -0.72	9.94 0.10 -0.67	10.95 0.11 -0.72	15.35 0.17 -0.76	20.86 0.12 -0.38	20.52 0.12 -0.02	19.73 0.20 0.00	19.68 0.25 0.00	18.50 0.15 -0.01	18.55 0.13 0.00	16.60 0.13 -0.29	16.42 0.13 -0.32	16.35 0.11 -0.38	16.57 0.11 -0.42	20.79 0.16 -0.19	23.61 0.16 -0.41	27.59 0.19 0.00	27.75 0.25 -0.05	26.36 0.31 0.00	21.34 0.23 0.00	19.18 0.19 0.00
FITZPATRICK____ 23598	9.31 -0.14 -0.51	9.29 -0.14 -0.42	9.28 -0.14 -0.41	8.59 -0.13 -0.44	9.43 -0.15 -0.41	10.39 -0.17 -0.44	14.63 -0.25 -0.47	20.14 -0.45 -0.23	19.96 -0.43 -0.01	19.17 -0.37 0.00	19.08 -0.35 0.00	17.99 -0.37 -0.01	18.05 -0.37 0.00	16.03 -0.32 -0.18	15.84 -0.32 -0.20	15.77 -0.32 -0.23	15.96 -0.34 -0.26	20.15 -0.41 -0.12	22.83 -0.46 -0.25	26.85 -0.55 0.00	27.01 -0.44 0.00	25.58 -0.47 0.00	20.75 -0.36 0.00	18.65 -0.34 0.00
FLOWRFLD_69_KV_BK1 356044	24.73 0.95 -14.84	21.74 0.93 -11.79	19.84 0.92 -9.91	19.22 0.87 -10.07	20.03 0.92 -9.94	21.65 1.00 -10.53	28.27 1.46 -12.40	28.53 2.16 -6.01	28.39 1.77 -6.24	23.57 1.58 -2.45	25.30 1.55 -4.33	25.37 1.67 -5.35	25.48 1.82 -5.23	26.53 1.49 -8.87	28.03 1.61 -10.45	28.17 1.74 -10.56	30.59 1.73 -12.82	41.28 2.27 -18.57	44.77 2.53 -19.20	39.28 2.99 -8.89	39.12 2.72 -8.95	34.95 2.47 -6.43	27.80 1.92 -4.77	24.67 1.86 -3.81
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	17.66 0.74 -7.98	16.22 0.70 -6.51	16.13 0.68 -6.44	15.77 0.65 -6.84	16.26 0.69 -6.40	17.75 0.74 -6.89	22.80 1.14 -7.25	25.54 1.59 -3.60	22.10 1.55 -0.18	20.91 1.37 0.00	20.80 1.38 0.00	19.90 1.43 -0.13	19.86 1.44 0.00	20.26 1.31 -2.78	20.32 1.31 -3.04	20.72 1.32 -3.54	21.37 1.35 -3.98	24.11 1.76 -1.92	29.29 1.93 -4.32	29.65 2.25 0.00	30.29 2.25 -0.59	28.08 2.03 0.00	22.58 1.48 0.00	20.42 1.42 0.00
FORT ORANGE____ 23900	19.33 0.34 -10.06	17.58 0.36 -8.20	17.50 0.38 -8.11	17.24 0.34 -8.62	17.63 0.39 -8.07	19.21 0.41 -8.69	24.11 0.56 -9.14	25.60 0.71 -4.53	21.39 0.79 -0.22	20.24 0.70 0.00	20.10 0.68 0.00	19.22 0.71 -0.16	19.14 0.72 0.00	20.27 0.60 -3.50	20.40 0.61 -3.83	20.91 0.59 -4.46	21.65 0.59 -5.01	23.36 0.76 -2.16	28.54 0.88 -4.63	28.50 1.10 0.00	29.63 1.04 -1.14	27.01 0.96 0.00	21.91 0.80 0.00	19.70 0.70 0.00
FORT_DRUM_COGEN 23780	9.45 0.09 -0.43	9.45 0.09 -0.35	9.49 0.14 -0.35	8.76 0.11 -0.37	9.68 0.17 -0.34	10.68 0.19 -0.37	15.11 0.30 -0.39	20.81 0.26 -0.19	20.37 -0.02 -0.01	19.58 0.04 0.00	19.44 0.02 0.00	18.20 -0.15 -0.01	18.26 -0.17 0.00	16.10 -0.23 -0.15	15.86 -0.27 -0.17	15.82 -0.24 -0.20	16.07 -0.19 -0.22	20.47 -0.06 -0.10	23.36 0.12 -0.21	27.76 0.36 0.00	28.05 0.60 0.00	26.70 0.65 0.00	21.59 0.49 0.00	19.39 0.40 0.00
FPL_FAR_ROCK_GT1 24212	24.76 0.98 -14.84	21.76 0.96 -11.79	19.86 0.94 -9.91	19.23 0.88 -10.07	20.03 0.92 -9.94	21.66 1.01 -10.53	28.33 1.51 -12.40	28.51 2.14 -6.01	27.99 2.02 -5.59	23.56 1.84 -2.18	25.21 1.92 -3.86	25.07 1.93 -4.80	25.05 1.95 -4.68	26.14 1.75 -8.22	27.38 1.76 -9.66	28.23 1.81 -10.56	30.63 1.78 -12.81	41.38 2.37 -18.57	44.81 2.58 -19.20	39.31 3.01 -8.89	39.31 2.91 -8.95	35.08 2.60 -6.43	28.12 2.24 -4.77	24.91 2.11 -3.81
FPL_FAR_ROCK_GT2 23815	24.76 0.98 -14.84	21.76 0.96 -11.79	19.86 0.94 -9.91	19.23 0.88 -10.07	20.03 0.92 -9.94	21.66 1.01 -10.53	28.33 1.51 -12.40	28.51 2.14 -6.01	27.99 2.02 -5.59	23.56 1.84 -2.18	25.21 1.92 -3.86	25.07 1.93 -4.80	25.05 1.95 -4.68	26.14 1.75 -8.22	27.38 1.76 -9.66	28.23 1.81 -10.56	30.63 1.78 -12.81	41.38 2.37 -18.57	44.81 2.58 -19.20	39.31 3.01 -8.89	39.31 2.91 -8.95	35.08 2.60 -6.43	28.12 2.24 -4.77	24.91 2.11 -3.81
FRANKLIN_FALL_HYD 24054	8.71 -0.22 0.00	8.83 -0.18 0.00	8.82 -0.19 0.00	8.09 -0.19 0.00	9.00 -0.17 0.00	9.96 -0.16 0.00	14.15 -0.26 0.00	20.27 -0.08 0.00	20.24 -0.14 0.00	19.32 -0.21 0.00	19.08 -0.35 0.00	17.92 -0.42 0.00	17.94 -0.48 0.00	15.70 -0.47 0.00	15.54 -0.43 0.00	15.43 -0.43 0.00	15.69 -0.35 0.00	20.05 -0.39 0.00	22.74 -0.30 0.00	27.02 -0.38 0.00	27.31 -0.14 0.00	25.84 -0.21 0.00	20.96 -0.15 0.00	18.86 -0.13 0.00
FREEPORT_EQUS_GT1 23764	24.70 0.92 -14.84	21.70 0.89 -11.79	19.79 0.87 -9.91	19.18 0.83 -10.07	19.97 0.86 -9.94	21.60 0.95 -10.53	28.24 1.43 -12.40	28.42 2.06 -6.01	27.90 1.87 -5.65	23.43 1.68 -2.21	25.10 1.77 -3.91	24.97 1.78 -4.85	25.01 1.86 -4.73	26.05 1.60 -8.27	27.36 1.66 -9.73	28.15 1.73 -10.56	30.54 1.68 -12.81	41.24 2.23 -18.57	44.65 2.42 -19.20	39.14 2.85 -8.89	39.12 2.72 -8.95	34.87 2.39 -6.43	27.80 1.92 -4.77	24.67 1.86 -3.81
FREEPORT___CT2 23818	24.70 0.92 -14.84	21.70 0.89 -11.79	19.79 0.87 -9.91	19.18 0.83 -10.07	19.97 0.86 -9.94	21.60 0.95 -10.53	28.24 1.43 -12.40	28.42 2.06 -6.01	27.90 1.87 -5.65	23.43 1.68 -2.21	25.10 1.77 -3.91	24.97 1.78 -4.85	25.01 1.86 -4.73	26.05 1.60 -8.27	27.36 1.66 -9.73	28.15 1.73 -10.56	30.54 1.68 -12.81	41.24 2.23 -18.57	44.65 2.42 -19.20	39.14 2.85 -8.89	39.12 2.72 -8.95	34.87 2.39 -6.43	27.80 1.92 -4.77	24.67 1.86 -3.81
FRESHKLS_33_KV_LOAD 356253	17.85 0.93 -7.99	16.42 0.90 -6.51	16.32 0.88 -6.43	15.96 0.83 -6.85	16.42 0.84 -6.40	17.90 0.89 -6.89	22.96 1.30 -7.25	25.85 1.89 -3.60	22.39 1.83 -0.18	21.16 1.62 0.00	21.06 1.63 0.00	20.22 1.74 -0.13	20.17 1.75 0.00	20.52 1.57 -2.78	20.65 1.64 -3.04	21.10 1.70 -3.54	21.66 1.64 -3.98	24.57 2.19 -1.94	29.75 2.33 -4.39	30.12 2.71 0.00	30.64 2.61 -0.58	28.41 2.37 0.00	22.88 1.77 0.00	20.93 1.94 0.00
FULTON COGEN____ 23766	9.60 0.00 -0.67	9.56 0.00 -0.55	9.55 0.00 -0.54	8.86 0.01 -0.57	9.71 0.00 -0.54	10.69 0.00 -0.58	15.04 0.01 -0.61	20.56 -0.10 -0.30	20.29 -0.10 -0.01	19.50 -0.04 0.00	19.43 0.00 0.00	18.28 -0.07 -0.01	18.35 -0.07 0.00	16.35 -0.06 -0.24	16.16 -0.06 -0.26	16.08 -0.08 -0.30	16.28 -0.10 -0.34	20.49 -0.10 -0.15	23.27 -0.09 -0.33	27.32 -0.08 0.00	27.40 -0.05 0.00	26.04 0.00 0.00	21.09 -0.02 0.00	18.96 -0.04 0.00

FULTON___LFGE 323630	21.81 0.89 -11.98	19.66 0.87 -9.77	19.59 0.92 -9.66	19.40 0.84 -10.27	19.75 0.96 -9.62	21.59 1.12 -10.35	27.13 1.83 -10.88	27.85 2.08 -5.42	22.72 2.08 -0.27	21.39 1.86 0.00	21.00 1.57 0.00	19.99 1.45 -0.19	19.84 1.42 0.00	21.71 1.36 -4.18	21.83 1.29 -4.57	22.49 1.30 -5.33	23.42 1.39 -5.99	25.02 1.96 -2.62	31.08 2.40 -5.65	30.44 3.04 0.00	32.28 3.24 -1.59	29.25 3.20 0.00	23.41 2.30 0.00	20.93 1.94 0.00
G.F.CEMENT___DRP 24184	19.97 0.49 -10.55	18.10 0.49 -8.60	18.02 0.51 -8.50	17.78 0.46 -9.04	18.16 0.53 -8.46	19.84 0.62 -9.11	24.97 0.98 -9.58	26.36 1.24 -4.77	22.24 1.63 -0.23	21.00 1.47 0.00	20.75 1.32 0.00	19.82 1.30 -0.17	19.77 1.34 0.00	21.00 1.15 -3.68	21.13 1.15 -4.01	21.65 1.11 -4.68	22.43 1.14 -5.25	24.26 1.57 -2.24	29.72 1.89 -4.79	29.76 2.36 0.00	31.61 2.47 -1.69	28.28 2.24 0.00	22.80 1.69 0.00	20.42 1.42 0.00
GARDENVILLE___LBMP 24039	10.32 -0.04 -1.42	10.14 -0.03 -1.16	10.13 -0.02 -1.14	9.49 -0.01 -1.22	10.26 -0.05 -1.14	11.25 -0.09 -1.23	15.47 -0.23 -1.29	20.05 -0.94 -0.63	19.72 -0.69 -0.03	19.21 -0.33 0.00	19.31 -0.12 0.00	17.96 -0.40 -0.02	18.09 -0.33 0.00	16.23 -0.44 -0.49	16.09 -0.42 -0.54	16.02 -0.46 -0.62	16.21 -0.53 -0.70	20.10 -0.65 -0.31	22.96 -0.76 -0.69	26.58 -0.82 0.00	26.37 -1.18 -0.10	25.45 -0.60 0.00	21.02 -0.08 0.00	18.94 -0.06 0.00
GARDNVLA_35_KV_LD 355827	10.37 0.00 -1.43	10.18 0.00 -1.17	10.18 0.02 -1.15	9.53 0.02 -1.23	10.30 -0.02 -1.15	11.29 -0.06 -1.24	15.52 -0.19 -1.30	20.14 -0.85 -0.64	19.80 -0.61 -0.03	19.28 -0.25 0.00	19.41 -0.02 0.00	18.06 -0.31 -0.02	18.18 -0.24 0.00	16.30 -0.37 -0.49	16.16 -0.35 -0.54	16.09 -0.40 -0.63	16.28 -0.47 -0.71	20.18 -0.57 -0.32	23.04 -0.69 -0.69	26.69 -0.71 0.00	26.51 -1.04 -0.10	25.55 -0.49 0.00	21.13 0.02 0.00	19.03 0.04 0.00
GELCKHM___115KV_LOAD 80723	9.72 0.03 -0.76	9.66 0.03 -0.62	9.64 0.02 -0.61	8.95 0.02 -0.65	9.81 0.03 -0.61	10.79 0.02 -0.66	15.15 0.04 -0.69	20.66 -0.04 -0.34	20.35 -0.04 -0.02	19.58 0.04 0.00	19.50 0.08 0.00	18.34 -0.02 -0.01	18.44 0.02 0.00	16.44 0.00 -0.27	16.28 0.02 -0.29	16.20 0.00 -0.34	16.42 0.00 -0.38	20.63 0.02 -0.17	23.41 0.00 -0.37	27.40 0.00 0.00	27.50 0.00 -0.05	26.10 0.05 0.00	21.15 0.04 0.00	19.03 0.04 0.00
GENERAL___MILLS 23808	10.34 -0.02 -1.43	10.16 -0.02 -1.16	10.16 0.00 -1.15	9.51 0.01 -1.22	10.28 -0.04 -1.14	11.27 -0.08 -1.23	15.49 -0.22 -1.30	20.08 -0.92 -0.64	19.76 -0.65 -0.03	19.24 -0.29 0.00	19.35 -0.08 0.00	18.00 -0.37 -0.02	18.13 -0.29 0.00	16.25 -0.42 -0.49	16.11 -0.40 -0.54	16.06 -0.43 -0.63	16.23 -0.51 -0.71	20.12 -0.63 -0.32	22.99 -0.74 -0.69	26.64 -0.77 0.00	26.45 -1.10 -0.10	25.50 -0.55 0.00	21.07 -0.04 0.00	18.99 0.00 0.00
GE_PLASTICS___DRP 24183	19.36 0.33 -10.09	17.60 0.35 -8.23	17.51 0.36 -8.14	17.26 0.32 -8.65	17.63 0.36 -8.10	19.22 0.38 -8.72	24.10 0.52 -9.17	25.57 0.67 -4.54	21.35 0.75 -0.22	20.22 0.68 0.00	20.07 0.64 0.00	19.20 0.70 -0.16	19.12 0.70 0.00	20.28 0.60 -3.50	20.41 0.59 -3.85	20.93 0.59 -4.48	21.65 0.58 -5.04	23.37 0.74 -2.19	28.58 0.83 -4.72	28.42 1.01 0.00	29.45 0.96 -1.04	26.93 0.89 0.00	21.85 0.74 0.00	19.66 0.66 0.00
GILBOA___1 23756	17.36 0.35 -8.07	15.95 0.35 -6.58	15.87 0.35 -6.51	15.52 0.32 -6.92	16.00 0.35 -6.48	17.48 0.38 -6.97	22.29 0.55 -7.33	24.71 0.71 -3.64	21.33 0.77 -0.18	20.24 0.70 0.00	20.14 0.72 0.00	19.19 0.71 -0.13	19.14 0.72 0.00	19.61 0.63 -2.81	19.65 0.61 -3.07	20.06 0.62 -3.58	20.67 0.61 -4.02	23.05 0.80 -1.81	27.88 0.88 -3.97	28.44 1.04 0.00	29.00 1.02 -0.53	26.98 0.94 0.00	21.87 0.76 0.00	19.70 0.70 0.00
GILBOA___2 23757	17.36 0.35 -8.07	15.95 0.35 -6.58	15.87 0.35 -6.51	15.52 0.32 -6.92	16.00 0.35 -6.48	17.48 0.38 -6.97	22.29 0.55 -7.33	24.71 0.71 -3.64	21.33 0.77 -0.18	20.24 0.70 0.00	20.14 0.72 0.00	19.19 0.71 -0.13	19.14 0.72 0.00	19.61 0.63 -2.81	19.65 0.61 -3.07	20.06 0.62 -3.58	20.67 0.61 -4.02	23.05 0.80 -1.81	27.88 0.88 -3.97	28.44 1.04 0.00	29.00 1.02 -0.53	26.98 0.94 0.00	21.87 0.76 0.00	19.70 0.70 0.00
GILBOA___3 23758	17.36 0.35 -8.07	15.95 0.35 -6.58	15.87 0.35 -6.51	15.52 0.32 -6.92	16.00 0.35 -6.48	17.48 0.38 -6.97	22.29 0.55 -7.33	24.71 0.71 -3.64	21.33 0.77 -0.18	20.24 0.70 0.00	20.14 0.72 0.00	19.19 0.71 -0.13	19.14 0.72 0.00	19.61 0.63 -2.81	19.65 0.61 -3.07	20.06 0.62 -3.58	20.67 0.61 -4.02	23.05 0.80 -1.81	27.88 0.88 -3.97	28.44 1.04 0.00	29.00 1.02 -0.53	26.98 0.94 0.00	21.87 0.76 0.00	19.70 0.70 0.00
GILBOA___4 23759	17.36 0.35 -8.07	15.95 0.35 -6.58	15.87 0.35 -6.51	15.52 0.32 -6.92	16.00 0.35 -6.48	17.48 0.38 -6.97	22.29 0.55 -7.33	24.71 0.71 -3.64	21.33 0.77 -0.18	20.24 0.70 0.00	20.14 0.72 0.00	19.19 0.71 -0.13	19.14 0.72 0.00	19.61 0.63 -2.81	19.65 0.61 -3.07	20.06 0.62 -3.58	20.67 0.61 -4.02	23.05 0.80 -1.81	27.88 0.88 -3.97	28.44 1.04 0.00	29.00 1.02 -0.53	26.98 0.94 0.00	21.87 0.76 0.00	19.70 0.70 0.00
GILBOA___ 23599	17.36 0.35 -8.07	15.95 0.35 -6.58	15.87 0.35 -6.51	15.52 0.32 -6.92	16.00 0.35 -6.48	17.48 0.38 -6.97	22.29 0.55 -7.33	24.71 0.71 -3.64	21.33 0.77 -0.18	20.24 0.70 0.00	20.11 0.68 0.00	19.19 0.72 -0.13	19.14 0.72 0.00	19.61 0.63 -2.81	19.65 0.61 -3.08	20.06 0.62 -3.58	20.67 0.61 -4.03	23.03 0.78 -1.81	27.88 0.88 -3.97	28.44 1.04 0.00	29.00 1.02 -0.53	26.98 0.94 0.00	21.87 0.76 0.00	19.70 0.70 0.00
GINNA___ 23603	9.57 -0.31 -0.94	9.46 -0.32 -0.77	9.45 -0.32 -0.76	8.79 -0.30 -0.81	9.61 -0.32 -0.76	10.56 -0.37 -0.82	14.69 -0.58 -0.86	19.64 -1.14 -0.42	19.30 -1.10 -0.02	18.62 -0.92 0.00	18.57 -0.85 0.00	17.44 -0.92 -0.02	17.56 -0.87 0.00	15.77 -0.73 -0.33	15.59 -0.73 -0.36	15.53 -0.75 -0.42	15.72 -0.79 -0.47	19.67 -0.98 -0.21	22.37 -1.13 -0.46	26.03 -1.37 0.00	26.41 -1.10 -0.06	24.79 -1.25 0.00	20.22 -0.89 0.00	18.16 -0.84 0.00
GLEN PARK___ 23778	9.50 0.13 -0.44	9.51 0.14 -0.36	9.53 0.17 -0.36	8.80 0.14 -0.38	9.74 0.21 -0.36	10.73 0.23 -0.38	15.19 0.37 -0.40	20.90 0.35 -0.20	20.41 0.02 -0.01	19.64 0.10 0.00	19.48 0.06 0.00	18.24 -0.11 -0.01	18.31 -0.11 0.00	16.14 -0.19 -0.16	15.92 -0.22 -0.17	15.87 -0.19 -0.20	16.12 -0.14 -0.23	20.56 0.02 -0.10	23.49 0.23 -0.22	27.90 0.49 0.00	28.22 0.77 0.00	26.85 0.81 0.00	21.70 0.59 0.00	19.49 0.49 0.00
GLENDALE_27_KV_LOAD 356172	17.79 0.87 -7.99	16.34 0.82 -6.51	16.24 0.80 -6.43	15.89 0.76 -6.85	16.34 0.77 -6.40	17.85 0.84 -6.89	22.91 1.25 -7.25	25.76 1.81 -3.60	22.43 1.87 -0.18	21.24 1.70 0.00	21.13 1.71 0.00	20.29 1.82 -0.13	20.21 1.79 0.00	20.57 1.62 -2.78	20.64 1.63 -3.04	21.08 1.68 -3.54	21.62 1.60 -3.98	24.48 2.11 -1.94	29.66 2.23 -4.39	29.98 2.58 0.00	30.50 2.47 -0.58	28.26 2.21 0.00	22.75 1.65 0.00	20.74 1.75 0.00

GLENWOOD_IC_1_G5 23712	24.64 0.86 -14.84	21.64 0.83 -11.79	19.73 0.81 -9.91	19.12 0.76 -10.07	19.91 0.80 -9.94	21.53 0.88 -10.53	28.13 1.31 -12.40	28.26 1.89 -6.01	26.82 1.81 -4.63	22.97 1.64 -1.80	24.27 1.67 -3.18	24.05 1.74 -3.97	24.03 1.77 -3.84	25.01 1.59 -7.25	26.05 1.60 -8.48	28.09 1.67 -10.56	30.47 1.62 -12.82	40.97 1.96 -18.57	44.37 2.14 -19.20	38.76 2.47 -8.89	38.76 2.36 -8.95	34.69 2.21 -6.43	27.65 1.77 -4.77	24.53 1.73 -3.81
GLENWOOD_IC_2_G1 23688	24.59 0.81 -14.84	21.58 0.78 -11.79	19.68 0.77 -9.91	19.07 0.72 -10.07	19.85 0.74 -9.94	21.47 0.82 -10.53	28.06 1.24 -12.40	28.16 1.79 -6.01	28.55 1.75 -6.42	23.64 1.58 -2.52	25.53 1.65 -4.45	25.54 1.69 -5.51	25.54 1.73 -5.39	26.74 1.52 -9.05	28.18 1.55 -10.67	27.99 1.57 -10.56	30.38 1.52 -12.81	40.99 1.98 -18.57	44.37 2.14 -19.20	38.79 2.49 -8.89	38.76 2.36 -8.95	34.61 2.14 -6.43	27.53 1.65 -4.77	24.42 1.61 -3.81
GLENWOOD_IC_3_G1 23689	24.59 0.81 -14.84	21.58 0.78 -11.79	19.68 0.77 -9.91	19.07 0.72 -10.07	19.85 0.74 -9.94	21.47 0.82 -10.53	28.06 1.24 -12.40	28.16 1.79 -6.01	28.55 1.75 -6.42	23.64 1.58 -2.52	25.53 1.65 -4.45	25.54 1.69 -5.51	25.54 1.73 -5.39	26.74 1.52 -9.05	28.18 1.55 -10.67	27.99 1.57 -10.56	30.38 1.52 -12.81	40.99 1.98 -18.57	44.37 2.14 -19.20	38.79 2.49 -8.89	38.76 2.36 -8.95	34.61 2.14 -6.43	27.53 1.65 -4.77	24.42 1.61 -3.81
GLENWOOD___4 23550	24.64 0.86 -14.84	21.64 0.83 -11.79	19.73 0.81 -9.91	19.12 0.76 -10.07	19.91 0.80 -9.94	21.53 0.88 -10.53	28.13 1.31 -12.40	28.26 1.89 -6.01	26.82 1.81 -4.63	22.97 1.64 -1.80	24.27 1.67 -3.18	24.05 1.74 -3.97	24.03 1.77 -3.84	25.01 1.59 -7.25	26.05 1.60 -8.48	28.09 1.67 -10.56	30.47 1.62 -12.82	41.04 2.02 -18.57	44.42 2.19 -19.20	38.84 2.55 -8.89	38.84 2.44 -8.95	34.72 2.24 -6.43	27.65 1.77 -4.77	24.53 1.73 -3.81
GLENWOOD___5 23614	24.64 0.86 -14.84	21.64 0.83 -11.79	19.73 0.81 -9.91	19.12 0.76 -10.07	19.91 0.80 -9.94	21.53 0.88 -10.53	28.13 1.31 -12.40	28.26 1.89 -6.01	26.82 1.81 -4.63	22.97 1.64 -1.80	24.27 1.67 -3.18	24.05 1.74 -3.97	24.03 1.77 -3.84	25.01 1.59 -7.25	26.05 1.60 -8.48	28.09 1.67 -10.56	30.47 1.62 -12.82	41.04 2.02 -18.57	44.42 2.19 -19.20	38.84 2.55 -8.89	38.84 2.44 -8.95	34.72 2.24 -6.43	27.65 1.77 -4.77	24.53 1.73 -3.81
GLOBAL GREEN_PORT_GT1 23814	24.85 1.07 -14.84	21.89 1.08 -11.79	20.01 1.09 -9.91	19.37 1.02 -10.07	20.18 1.07 -9.94	21.82 1.17 -10.53	28.50 1.69 -12.40	28.77 2.40 -6.01	28.48 1.85 -6.25	23.61 1.62 -2.45	25.41 1.65 -4.33	25.39 1.69 -5.36	25.54 1.88 -5.24	26.59 1.54 -8.88	28.20 1.77 -10.46	28.32 1.90 -10.56	30.81 1.96 -12.81	41.69 2.68 -18.57	45.18 2.95 -19.20	39.77 3.48 -8.89	39.77 3.38 -8.95	35.37 2.89 -6.43	28.16 2.28 -4.77	24.91 2.11 -3.81
GLOBE___DSASP 323697	9.97 -0.26 -1.30	9.82 -0.25 -1.06	9.81 -0.24 -1.05	9.18 -0.22 -1.11	9.92 -0.29 -1.04	10.85 -0.38 -1.12	14.90 -0.69 -1.18	19.29 -1.65 -0.58	18.96 -1.45 -0.03	18.46 -1.07 0.00	18.61 -0.82 0.00	17.30 -1.06 -0.02	17.44 -0.98 0.00	15.68 -0.94 -0.45	15.56 -0.89 -0.49	15.53 -0.90 -0.57	15.69 -0.99 -0.64	19.46 -1.27 -0.29	22.17 -1.50 -0.63	25.54 -1.86 0.00	25.18 -2.36 -0.09	24.35 -1.69 0.00	20.20 -0.91 0.00	18.20 -0.80 0.00
GOETHSLN___LBMP 323567	17.71 0.80 -7.98	16.27 0.75 -6.51	16.17 0.73 -6.43	15.82 0.70 -6.84	16.27 0.70 -6.40	17.79 0.78 -6.89	22.86 1.20 -7.25	25.66 1.71 -3.60	22.33 1.77 -0.18	21.14 1.60 0.00	21.04 1.61 0.00	20.16 1.69 -0.13	20.06 1.64 0.00	20.47 1.52 -2.78	20.54 1.53 -3.04	20.97 1.57 -3.54	21.53 1.51 -3.98	24.34 1.96 -1.94	29.47 2.05 -4.39	29.73 2.33 0.00	30.28 2.25 -0.58	28.05 2.01 0.00	22.63 1.52 0.00	20.57 1.58 0.00
GOLAH___69_KV_TB 1_2 80279	10.12 0.18 -1.01	10.01 0.17 -0.82	10.00 0.18 -0.81	9.28 0.14 -0.86	10.15 0.17 -0.81	11.16 0.17 -0.87	15.48 0.16 -0.91	20.56 -0.24 -0.45	20.22 -0.18 -0.02	19.50 -0.04 0.00	19.60 0.17 0.00	18.23 -0.13 -0.02	18.33 -0.09 0.00	16.49 -0.03 -0.35	16.29 -0.06 -0.38	16.21 -0.10 -0.45	16.40 -0.14 -0.50	20.54 -0.12 -0.22	23.34 -0.18 -0.49	27.18 -0.22 0.00	27.19 -0.33 -0.07	26.02 -0.03 0.00	21.32 0.21 0.00	19.13 0.13 0.00
GOODYEAR_LAKE_HYD 323669	11.37 0.45 -1.98	11.07 0.43 -1.62	11.04 0.43 -1.60	10.38 0.40 -1.70	11.21 0.45 -1.59	12.34 0.51 -1.71	16.99 0.78 -1.80	22.29 1.04 -0.90	21.36 0.94 -0.04	20.44 0.90 0.00	20.30 0.87 0.00	19.17 0.79 -0.03	19.23 0.81 0.00	17.58 0.71 -0.69	17.42 0.70 -0.76	17.45 0.71 -0.88	17.77 0.74 -0.99	21.86 0.98 -0.44	25.16 1.15 -0.97	28.85 1.45 0.00	29.56 1.45 -0.66	27.40 1.35 0.00	22.14 1.03 0.00	19.96 0.97 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	11.81 0.23 -2.65	11.41 0.23 -2.16	11.37 0.23 -2.13	10.76 0.22 -2.27	11.52 0.23 -2.12	12.65 0.24 -2.29	17.18 0.36 -2.40	21.84 0.28 -1.20	20.78 0.35 -0.06	19.97 0.43 0.00	19.89 0.47 0.00	18.74 0.35 -0.04	18.77 0.35 0.00	17.36 0.26 -0.92	17.23 0.26 -1.01	17.29 0.25 -1.18	17.60 0.24 -1.32	21.38 0.35 -0.60	24.73 0.39 -1.30	27.95 0.55 0.00	28.15 0.49 -0.21	26.67 0.63 0.00	21.66 0.55 0.00	19.51 0.51 0.00
GOUDEY___7 23579	11.82 0.24 -2.65	11.41 0.23 -2.16	11.38 0.24 -2.13	10.77 0.22 -2.27	11.53 0.24 -2.12	12.66 0.25 -2.29	17.19 0.37 -2.40	21.86 0.31 -1.20	20.80 0.37 -0.06	19.99 0.45 0.00	19.91 0.49 0.00	18.75 0.37 -0.04	18.79 0.37 0.00	17.37 0.27 -0.92	17.25 0.27 -1.01	17.31 0.27 -1.18	17.62 0.26 -1.32	21.40 0.37 -0.60	24.75 0.41 -1.30	27.98 0.58 0.00	28.18 0.52 -0.21	26.70 0.65 0.00	21.68 0.57 0.00	19.53 0.53 0.00
GOUDEY___8 23580	11.81 0.23 -2.65	11.41 0.23 -2.16	11.37 0.23 -2.13	10.76 0.22 -2.27	11.52 0.23 -2.12	12.65 0.24 -2.29	17.18 0.36 -2.40	21.84 0.28 -1.20	20.78 0.35 -0.06	19.97 0.43 0.00	19.89 0.47 0.00	18.74 0.35 -0.04	18.77 0.35 0.00	17.36 0.26 -0.92	17.23 0.26 -1.01	17.29 0.25 -1.18	17.60 0.24 -1.32	21.38 0.35 -0.60	24.73 0.39 -1.30	27.95 0.55 0.00	28.15 0.49 -0.21	26.67 0.63 0.00	21.66 0.55 0.00	19.51 0.51 0.00
GOWANUS_GT1_1 24077	17.80 0.88 -7.99	16.35 0.83 -6.51	16.25 0.81 -6.43	15.90 0.77 -6.85	16.34 0.77 -6.40	17.84 0.83 -6.89	22.90 1.24 -7.25	25.74 1.79 -3.60	22.39 1.83 -0.18	21.18 1.64 0.00	21.10 1.67 0.00	20.25 1.78 -0.13	20.17 1.75 0.00	20.53 1.59 -2.78	20.62 1.61 -3.04	21.07 1.67 -3.54	21.61 1.59 -3.98	24.48 2.11 -1.94	29.66 2.23 -4.39	29.98 2.58 0.00	30.53 2.50 -0.58	28.26 2.21 0.00	22.75 1.65 0.00	20.76 1.77 0.00
GOWANUS_GT1_2 24078	17.80 0.88 -7.99	16.35 0.83 -6.51	16.25 0.81 -6.43	15.90 0.77 -6.85	16.34 0.77 -6.40	17.84 0.83 -6.89	22.90 1.24 -7.25	25.74 1.79 -3.60	22.39 1.83 -0.18	21.18 1.64 0.00	21.10 1.67 0.00	20.25 1.78 -0.13	20.17 1.75 0.00	20.53 1.59 -2.78	20.62 1.61 -3.04	21.07 1.67 -3.54	21.61 1.59 -3.98	24.48 2.11 -1.94	29.66 2.23 -4.39	29.98 2.58 0.00	30.53 2.50 -0.58	28.26 2.21 0.00	22.75 1.65 0.00	20.76 1.77 0.00

GOWANUS_GT1_3 24079	17.80 0.88 -7.99	16.35 0.83 -6.51	16.25 0.81 -6.43	15.90 0.77 -6.85	16.34 0.77 -6.40	17.84 0.83 -6.89	22.90 1.24 -7.25	25.74 1.79 -3.60	22.39 1.83 -0.18	21.18 1.64 0.00	21.10 1.67 0.00	20.25 1.78 -0.13	20.17 1.75 0.00	20.53 1.59 -2.78	20.62 1.61 -3.04	21.07 1.67 -3.54	21.61 1.59 -3.98	24.48 2.11 -1.94	29.66 2.23 -4.39	29.98 2.58 0.00	30.53 2.50 -0.58	28.26 2.21 0.00	22.75 1.65 0.00	20.76 1.77 0.00
GOWANUS_GT1_4 24080	17.80 0.88 -7.99	16.35 0.83 -6.51	16.25 0.81 -6.43	15.90 0.77 -6.85	16.34 0.77 -6.40	17.84 0.83 -6.89	22.90 1.24 -7.25	25.74 1.79 -3.60	22.39 1.83 -0.18	21.18 1.64 0.00	21.10 1.67 0.00	20.25 1.78 -0.13	20.17 1.75 0.00	20.53 1.59 -2.78	20.62 1.61 -3.04	21.07 1.67 -3.54	21.61 1.59 -3.98	24.48 2.11 -1.94	29.66 2.23 -4.39	29.98 2.58 0.00	30.53 2.50 -0.58	28.26 2.21 0.00	22.75 1.65 0.00	20.76 1.77 0.00
GOWANUS_GT1_5 24084	17.80 0.88 -7.99	16.35 0.83 -6.51	16.25 0.81 -6.43	15.90 0.77 -6.85	16.34 0.77 -6.40	17.84 0.83 -6.89	22.90 1.24 -7.25	25.74 1.79 -3.60	22.39 1.83 -0.18	21.18 1.64 0.00	21.10 1.67 0.00	20.25 1.78 -0.13	20.17 1.75 0.00	20.53 1.59 -2.78	20.62 1.61 -3.04	21.07 1.67 -3.54	21.61 1.59 -3.98	24.48 2.11 -1.94	29.66 2.23 -4.39	29.98 2.58 0.00	30.53 2.50 -0.58	28.26 2.21 0.00	22.75 1.65 0.00	20.76 1.77 0.00
GOWANUS_GT1_6 24111	17.80 0.88 -7.99	16.35 0.83 -6.51	16.25 0.81 -6.43	15.90 0.77 -6.85	16.34 0.77 -6.40	17.84 0.83 -6.89	22.90 1.24 -7.25	25.74 1.79 -3.60	22.39 1.83 -0.18	21.18 1.64 0.00	21.10 1.67 0.00	20.25 1.78 -0.13	20.17 1.75 0.00	20.53 1.59 -2.78	20.62 1.61 -3.04	21.07 1.67 -3.54	21.61 1.59 -3.98	24.48 2.11 -1.94	29.66 2.23 -4.39	29.98 2.58 0.00	30.53 2.50 -0.58	28.26 2.21 0.00	22.75 1.65 0.00	20.76 1.77 0.00
GOWANUS_GT1_7 24112	17.80 0.88 -7.99	16.35 0.83 -6.51	16.25 0.81 -6.43	15.90 0.77 -6.85	16.34 0.77 -6.40	17.84 0.83 -6.89	22.90 1.24 -7.25	25.74 1.79 -3.60	22.39 1.83 -0.18	21.18 1.64 0.00	21.10 1.67 0.00	20.25 1.78 -0.13	20.17 1.75 0.00	20.53 1.59 -2.78	20.62 1.61 -3.04	21.07 1.67 -3.54	21.61 1.59 -3.98	24.48 2.11 -1.94	29.66 2.23 -4.39	29.98 2.58 0.00	30.53 2.50 -0.58	28.26 2.21 0.00	22.75 1.65 0.00	20.76 1.77 0.00
GOWANUS_GT1_8 24113	17.80 0.88 -7.99	16.35 0.83 -6.51	16.25 0.81 -6.43	15.90 0.77 -6.85	16.34 0.77 -6.40	17.84 0.83 -6.89	22.90 1.24 -7.25	25.74 1.79 -3.60	22.39 1.83 -0.18	21.18 1.64 0.00	21.10 1.67 0.00	20.25 1.78 -0.13	20.17 1.75 0.00	20.53 1.59 -2.78	20.62 1.61 -3.04	21.07 1.67 -3.54	21.61 1.59 -3.98	24.48 2.11 -1.94	29.66 2.23 -4.39	29.98 2.58 0.00	30.53 2.50 -0.58	28.26 2.21 0.00	22.75 1.65 0.00	20.76 1.77 0.00
GOWANUS_GT2_1 24114	17.80 0.88 -7.99	16.35 0.83 -6.51	16.25 0.81 -6.43	15.90 0.77 -6.85	16.34 0.77 -6.40	17.84 0.83 -6.89	22.90 1.24 -7.25	25.75 1.79 -3.60	22.39 1.83 -0.18	21.18 1.64 0.00	21.19 1.77 0.00	20.25 1.78 -0.13	20.17 1.75 0.00	20.54 1.59 -2.78	20.62 1.61 -3.04	21.07 1.66 -3.54	21.61 1.59 -3.98	24.48 2.11 -1.94	29.66 2.23 -4.39	29.98 2.58 0.00	30.47 2.44 -0.58	28.26 2.21 0.00	22.75 1.65 0.00	20.74 1.75 0.00
GOWANUS_GT2_2 24115	17.80 0.88 -7.99	16.35 0.83 -6.51	16.25 0.81 -6.43	15.90 0.77 -6.85	16.34 0.77 -6.40	17.84 0.83 -6.89	22.90 1.24 -7.25	25.75 1.79 -3.60	22.39 1.83 -0.18	21.18 1.64 0.00	21.19 1.77 0.00	20.25 1.78 -0.13	20.17 1.75 0.00	20.54 1.59 -2.78	20.62 1.61 -3.04	21.07 1.66 -3.54	21.61 1.59 -3.98	24.48 2.11 -1.94	29.66 2.23 -4.39	29.98 2.58 0.00	30.47 2.44 -0.58	28.26 2.21 0.00	22.75 1.65 0.00	20.74 1.75 0.00
GOWANUS_GT2_3 24116	17.80 0.88 -7.99	16.35 0.83 -6.51	16.25 0.81 -6.43	15.90 0.77 -6.85	16.34 0.77 -6.40	17.84 0.83 -6.89	22.90 1.24 -7.25	25.75 1.79 -3.60	22.39 1.83 -0.18	21.18 1.64 0.00	21.19 1.77 0.00	20.25 1.78 -0.13	20.17 1.75 0.00	20.54 1.59 -2.78	20.62 1.61 -3.04	21.07 1.66 -3.54	21.61 1.59 -3.98	24.48 2.11 -1.94	29.66 2.23 -4.39	29.98 2.58 0.00	30.47 2.44 -0.58	28.26 2.21 0.00	22.75 1.65 0.00	20.74 1.75 0.00
GOWANUS_GT2_4 24117	17.80 0.88 -7.99	16.35 0.83 -6.51	16.25 0.81 -6.43	15.90 0.77 -6.85	16.34 0.77 -6.40	17.84 0.83 -6.89	22.90 1.24 -7.25	25.75 1.79 -3.60	22.39 1.83 -0.18	21.18 1.64 0.00	21.19 1.77 0.00	20.25 1.78 -0.13	20.17 1.75 0.00	20.54 1.59 -2.78	20.62 1.61 -3.04	21.07 1.66 -3.54	21.61 1.59 -3.98	24.48 2.11 -1.94	29.66 2.23 -4.39	29.98 2.58 0.00	30.47 2.44 -0.58	28.26 2.21 0.00	22.75 1.65 0.00	20.74 1.75 0.00
GOWANUS_GT2_5 24118	17.80 0.88 -7.99	16.35 0.83 -6.51	16.25 0.81 -6.43	15.90 0.77 -6.85	16.34 0.77 -6.40	17.84 0.83 -6.89	22.90 1.24 -7.25	25.75 1.79 -3.60	22.39 1.83 -0.18	21.18 1.64 0.00	21.19 1.77 0.00	20.25 1.78 -0.13	20.17 1.75 0.00	20.54 1.59 -2.78	20.62 1.61 -3.04	21.07 1.66 -3.54	21.61 1.59 -3.98	24.48 2.11 -1.94	29.66 2.23 -4.39	29.98 2.58 0.00	30.47 2.44 -0.58	28.26 2.21 0.00	22.75 1.65 0.00	20.74 1.75 0.00
GOWANUS_GT2_6 24119	17.80 0.88 -7.99	16.35 0.83 -6.51	16.25 0.81 -6.43	15.90 0.77 -6.85	16.34 0.77 -6.40	17.84 0.83 -6.89	22.90 1.24 -7.25	25.75 1.79 -3.60	22.39 1.83 -0.18	21.18 1.64 0.00	21.19 1.77 0.00	20.25 1.78 -0.13	20.17 1.75 0.00	20.54 1.59 -2.78	20.62 1.61 -3.04	21.07 1.66 -3.54	21.61 1.59 -3.98	24.48 2.11 -1.94	29.66 2.23 -4.39	29.98 2.58 0.00	30.47 2.44 -0.58	28.26 2.21 0.00	22.75 1.65 0.00	20.74 1.75 0.00
GOWANUS_GT2_7 24120	17.80 0.88 -7.99	16.35 0.83 -6.51	16.25 0.81 -6.43	15.90 0.77 -6.85	16.34 0.77 -6.40	17.84 0.83 -6.89	22.90 1.24 -7.25	25.75 1.79 -3.60	22.39 1.83 -0.18	21.18 1.64 0.00	21.19 1.77 0.00	20.25 1.78 -0.13	20.17 1.75 0.00	20.54 1.59 -2.78	20.62 1.61 -3.04	21.07 1.66 -3.54	21.61 1.59 -3.98	24.48 2.11 -1.94	29.66 2.23 -4.39	29.98 2.58 0.00	30.47 2.44 -0.58	28.26 2.21 0.00	22.75 1.65 0.00	20.74 1.75 0.00
GOWANUS_GT2_8 24121	17.80 0.88 -7.99	16.35 0.83 -6.51	16.25 0.81 -6.43	15.90 0.77 -6.85	16.34 0.77 -6.40	17.84 0.83 -6.89	22.90 1.24 -7.25	25.75 1.79 -3.60	22.39 1.83 -0.18	21.18 1.64 0.00	21.19 1.77 0.00	20.25 1.78 -0.13	20.17 1.75 0.00	20.54 1.59 -2.78	20.62 1.61 -3.04	21.07 1.66 -3.54	21.61 1.59 -3.98	24.48 2.11 -1.94	29.66 2.23 -4.39	29.98 2.58 0.00	30.47 2.44 -0.58	28.26 2.21 0.00	22.75 1.65 0.00	20.74 1.75 0.00
GOWANUS_GT3_1 24122	17.80 0.88 -7.99	16.35 0.83 -6.51	16.25 0.81 -6.43	15.90 0.77 -6.85	16.34 0.77 -6.40	17.84 0.83 -6.89	22.90 1.24 -7.25	25.75 1.79 -3.60	22.39 1.83 -0.18	21.18 1.64 0.00	21.19 1.77 0.00	20.25 1.78 -0.13	20.17 1.75 0.00	20.54 1.59 -2.78	20.62 1.61 -3.04	21.07 1.66 -3.54	21.61 1.59 -3.98	24.48 2.11 -1.94	29.66 2.23 -4.39	29.98 2.58 0.00	30.47 2.44 -0.58	28.26 2.21 0.00	22.75 1.65 0.00	20.74 1.75 0.00

GOWANUS_GT3_2 24123	17.80 0.88 -7.99	16.35 0.83 -6.51	16.25 0.81 -6.43	15.90 0.77 -6.85	16.34 0.77 -6.40	17.84 0.83 -6.89	22.90 1.24 -7.25	25.75 1.79 -3.60	22.39 1.83 -0.18	21.18 1.64 0.00	21.19 1.77 0.00	20.25 1.78 -0.13	20.17 1.75 0.00	20.54 1.59 -2.78	20.62 1.61 -3.04	21.07 1.66 -3.54	21.61 1.59 -3.98	24.48 2.11 -1.94	29.66 2.23 -4.39	29.98 2.58 0.00	30.47 2.44 -0.58	28.26 2.21 0.00	22.75 1.65 0.00	20.74 1.75 0.00
GOWANUS_GT3_3 24124	17.80 0.88 -7.99	16.35 0.83 -6.51	16.25 0.81 -6.43	15.90 0.77 -6.85	16.34 0.77 -6.40	17.84 0.83 -6.89	22.90 1.24 -7.25	25.75 1.79 -3.60	22.39 1.83 -0.18	21.18 1.64 0.00	21.19 1.77 0.00	20.25 1.78 -0.13	20.17 1.75 0.00	20.54 1.59 -2.78	20.62 1.61 -3.04	21.07 1.66 -3.54	21.61 1.59 -3.98	24.48 2.11 -1.94	29.66 2.23 -4.39	29.98 2.58 0.00	30.47 2.44 -0.58	28.26 2.21 0.00	22.75 1.65 0.00	20.74 1.75 0.00
GOWANUS_GT3_4 24125	17.80 0.88 -7.99	16.35 0.83 -6.51	16.25 0.81 -6.43	15.90 0.77 -6.85	16.34 0.77 -6.40	17.84 0.83 -6.89	22.90 1.24 -7.25	25.75 1.79 -3.60	22.39 1.83 -0.18	21.18 1.64 0.00	21.19 1.77 0.00	20.25 1.78 -0.13	20.17 1.75 0.00	20.54 1.59 -2.78	20.62 1.61 -3.04	21.07 1.66 -3.54	21.61 1.59 -3.98	24.48 2.11 -1.94	29.66 2.23 -4.39	29.98 2.58 0.00	30.47 2.44 -0.58	28.26 2.21 0.00	22.75 1.65 0.00	20.74 1.75 0.00
GOWANUS_GT3_5 24126	17.80 0.88 -7.99	16.35 0.83 -6.51	16.25 0.81 -6.43	15.90 0.77 -6.85	16.34 0.77 -6.40	17.84 0.83 -6.89	22.90 1.24 -7.25	25.75 1.79 -3.60	22.39 1.83 -0.18	21.18 1.64 0.00	21.19 1.77 0.00	20.25 1.78 -0.13	20.17 1.75 0.00	20.54 1.59 -2.78	20.62 1.61 -3.04	21.07 1.66 -3.54	21.61 1.59 -3.98	24.48 2.11 -1.94	29.66 2.23 -4.39	29.98 2.58 0.00	30.47 2.44 -0.58	28.26 2.21 0.00	22.75 1.65 0.00	20.74 1.75 0.00
GOWANUS_GT3_6 24127	17.80 0.88 -7.99	16.35 0.83 -6.51	16.25 0.81 -6.43	15.90 0.77 -6.85	16.34 0.77 -6.40	17.84 0.83 -6.89	22.90 1.24 -7.25	25.75 1.79 -3.60	22.39 1.83 -0.18	21.18 1.64 0.00	21.19 1.77 0.00	20.25 1.78 -0.13	20.17 1.75 0.00	20.54 1.59 -2.78	20.62 1.61 -3.04	21.07 1.66 -3.54	21.61 1.59 -3.98	24.48 2.11 -1.94	29.66 2.23 -4.39	29.98 2.58 0.00	30.47 2.44 -0.58	28.26 2.21 0.00	22.75 1.65 0.00	20.74 1.75 0.00
GOWANUS_GT3_7 24128	17.80 0.88 -7.99	16.35 0.83 -6.51	16.25 0.81 -6.43	15.90 0.77 -6.85	16.34 0.77 -6.40	17.84 0.83 -6.89	22.90 1.24 -7.25	25.75 1.79 -3.60	22.39 1.83 -0.18	21.18 1.64 0.00	21.19 1.77 0.00	20.25 1.78 -0.13	20.17 1.75 0.00	20.54 1.59 -2.78	20.62 1.61 -3.04	21.07 1.66 -3.54	21.61 1.59 -3.98	24.48 2.11 -1.94	29.66 2.23 -4.39	29.98 2.58 0.00	30.47 2.44 -0.58	28.26 2.21 0.00	22.75 1.65 0.00	20.74 1.75 0.00
GOWANUS_GT3_8 24129	17.80 0.88 -7.99	16.35 0.83 -6.51	16.25 0.81 -6.43	15.90 0.77 -6.85	16.34 0.77 -6.40	17.84 0.83 -6.89	22.90 1.24 -7.25	25.75 1.79 -3.60	22.39 1.83 -0.18	21.18 1.64 0.00	21.19 1.77 0.00	20.25 1.78 -0.13	20.17 1.75 0.00	20.54 1.59 -2.78	20.62 1.61 -3.04	21.07 1.66 -3.54	21.61 1.59 -3.98	24.48 2.11 -1.94	29.66 2.23 -4.39	29.98 2.58 0.00	30.47 2.44 -0.58	28.26 2.21 0.00	22.75 1.65 0.00	20.74 1.75 0.00
GOWANUS_GT4_1 24130	17.80 0.88 -7.99	16.35 0.83 -6.51	16.25 0.81 -6.43	15.90 0.77 -6.85	16.34 0.77 -6.40	17.84 0.83 -6.89	22.90 1.24 -7.25	25.74 1.79 -3.60	22.39 1.83 -0.18	21.18 1.64 0.00	21.10 1.67 0.00	20.25 1.78 -0.13	20.17 1.75 0.00	20.53 1.59 -2.78	20.62 1.61 -3.04	21.07 1.67 -3.54	21.61 1.59 -3.98	24.48 2.11 -1.94	29.66 2.23 -4.39	29.98 2.58 0.00	30.53 2.50 -0.58	28.26 2.21 0.00	22.75 1.65 0.00	20.76 1.77 0.00
GOWANUS_GT4_2 24131	17.80 0.88 -7.99	16.35 0.83 -6.51	16.25 0.81 -6.43	15.90 0.77 -6.85	16.34 0.77 -6.40	17.84 0.83 -6.89	22.90 1.24 -7.25	25.74 1.79 -3.60	22.39 1.83 -0.18	21.18 1.64 0.00	21.10 1.67 0.00	20.25 1.78 -0.13	20.17 1.75 0.00	20.53 1.59 -2.78	20.62 1.61 -3.04	21.07 1.67 -3.54	21.61 1.59 -3.98	24.48 2.11 -1.94	29.66 2.23 -4.39	29.98 2.58 0.00	30.53 2.50 -0.58	28.26 2.21 0.00	22.75 1.65 0.00	20.76 1.77 0.00
GOWANUS_GT4_3 24132	17.80 0.88 -7.99	16.35 0.83 -6.51	16.25 0.81 -6.43	15.90 0.77 -6.85	16.34 0.77 -6.40	17.84 0.83 -6.89	22.90 1.24 -7.25	25.74 1.79 -3.60	22.39 1.83 -0.18	21.18 1.64 0.00	21.10 1.67 0.00	20.25 1.78 -0.13	20.17 1.75 0.00	20.53 1.59 -2.78	20.62 1.61 -3.04	21.07 1.67 -3.54	21.61 1.59 -3.98	24.48 2.11 -1.94	29.66 2.23 -4.39	29.98 2.58 0.00	30.53 2.50 -0.58	28.26 2.21 0.00	22.75 1.65 0.00	20.76 1.77 0.00
GOWANUS_GT4_4 24133	17.80 0.88 -7.99	16.35 0.83 -6.51	16.25 0.81 -6.43	15.90 0.77 -6.85	16.34 0.77 -6.40	17.84 0.83 -6.89	22.90 1.24 -7.25	25.74 1.79 -3.60	22.39 1.83 -0.18	21.18 1.64 0.00	21.10 1.67 0.00	20.25 1.78 -0.13	20.17 1.75 0.00	20.53 1.59 -2.78	20.62 1.61 -3.04	21.07 1.67 -3.54	21.61 1.59 -3.98	24.48 2.11 -1.94	29.66 2.23 -4.39	29.98 2.58 0.00	30.53 2.50 -0.58	28.26 2.21 0.00	22.75 1.65 0.00	20.76 1.77 0.00
GOWANUS_GT4_5 24134	17.80 0.88 -7.99	16.35 0.83 -6.51	16.25 0.81 -6.43	15.90 0.77 -6.85	16.34 0.77 -6.40	17.84 0.83 -6.89	22.90 1.24 -7.25	25.74 1.79 -3.60	22.39 1.83 -0.18	21.18 1.64 0.00	21.10 1.67 0.00	20.25 1.78 -0.13	20.17 1.75 0.00	20.53 1.59 -2.78	20.62 1.61 -3.04	21.07 1.67 -3.54	21.61 1.59 -3.98	24.48 2.11 -1.94	29.66 2.23 -4.39	29.98 2.58 0.00	30.53 2.50 -0.58	28.26 2.21 0.00	22.75 1.65 0.00	20.76 1.77 0.00
GOWANUS_GT4_6 24135	17.80 0.88 -7.99	16.35 0.83 -6.51	16.25 0.81 -6.43	15.90 0.77 -6.85	16.34 0.77 -6.40	17.84 0.83 -6.89	22.90 1.24 -7.25	25.74 1.79 -3.60	22.39 1.83 -0.18	21.18 1.64 0.00	21.10 1.67 0.00	20.25 1.78 -0.13	20.17 1.75 0.00	20.53 1.59 -2.78	20.62 1.61 -3.04	21.07 1.67 -3.54	21.61 1.59 -3.98	24.48 2.11 -1.94	29.66 2.23 -4.39	29.98 2.58 0.00	30.53 2.50 -0.58	28.26 2.21 0.00	22.75 1.65 0.00	20.76 1.77 0.00
GOWANUS_GT4_7 24136	17.80 0.88 -7.99	16.35 0.83 -6.51	16.25 0.81 -6.43	15.90 0.77 -6.85	16.34 0.77 -6.40	17.84 0.83 -6.89	22.90 1.24 -7.25	25.74 1.79 -3.60	22.39 1.83 -0.18	21.18 1.64 0.00	21.10 1.67 0.00	20.25 1.78 -0.13	20.17 1.75 0.00	20.53 1.59 -2.78	20.62 1.61 -3.04	21.07 1.67 -3.54	21.61 1.59 -3.98	24.48 2.11 -1.94	29.66 2.23 -4.39	29.98 2.58 0.00	30.53 2.50 -0.58	28.26 2.21 0.00	22.75 1.65 0.00	20.76 1.77 0.00
GOWANUS_GT4_8 24137	17.80 0.88 -7.99	16.35 0.83 -6.51	16.25 0.81 -6.43	15.90 0.77 -6.85	16.34 0.77 -6.40	17.84 0.83 -6.89	22.90 1.24 -7.25	25.74 1.79 -3.60	22.39 1.83 -0.18	21.18 1.64 0.00	21.10 1.67 0.00	20.25 1.78 -0.13	20.17 1.75 0.00	20.53 1.59 -2.78	20.62 1.61 -3.04	21.07 1.67 -3.54	21.61 1.59 -3.98	24.48 2.11 -1.94	29.66 2.23 -4.39	29.98 2.58 0.00	30.53 2.50 -0.58	28.26 2.21 0.00	22.75 1.65 0.00	20.76 1.77 0.00

GREENBSH_115KV_TB3 55895	19.36 0.31 -10.12	17.61 0.34 -8.25	17.51 0.35 -8.16	17.27 0.31 -8.67	17.64 0.35 -8.12	19.23 0.37 -8.74	24.11 0.50 -9.19	25.54 0.63 -4.56	21.33 0.73 -0.22	20.20 0.66 0.00	20.05 0.62 0.00	19.19 0.68 -0.16	19.12 0.70 0.00	20.27 0.58 -3.52	20.43 0.59 -3.87	20.94 0.57 -4.51	21.66 0.56 -5.06	23.31 0.69 -2.18	28.48 0.78 -4.66	28.36 0.96 0.00	29.55 0.93 -1.17	26.88 0.83 0.00	21.83 0.72 0.00	19.62 0.63 0.00
GREENDGE_115KV_TB5 80291	11.32 0.38 -2.00	11.04 0.39 -1.63	11.03 0.41 -1.62	10.38 0.38 -1.72	11.18 0.40 -1.61	12.30 0.46 -1.73	16.94 0.71 -1.82	21.84 0.57 -0.91	21.05 0.63 -0.04	20.32 0.78 0.00	20.20 0.78 0.00	18.89 0.51 -0.03	18.92 0.50 0.00	17.24 0.36 -0.71	17.09 0.35 -0.77	17.11 0.35 -0.90	17.42 0.37 -1.01	21.47 0.57 -0.46	24.74 0.71 -1.00	28.42 1.01 0.00	28.62 1.02 -0.15	27.22 1.17 0.00	22.12 1.01 0.00	19.89 0.89 0.00
GREENIDGE___3 23582	11.32 0.38 -2.00	11.04 0.39 -1.63	11.03 0.41 -1.62	10.38 0.38 -1.72	11.18 0.40 -1.61	12.30 0.46 -1.73	16.94 0.71 -1.82	21.84 0.57 -0.91	21.05 0.63 -0.04	20.32 0.78 0.00	20.20 0.78 0.00	18.89 0.51 -0.03	18.92 0.50 0.00	17.24 0.36 -0.71	17.09 0.35 -0.77	17.11 0.35 -0.90	17.42 0.37 -1.01	21.47 0.57 -0.46	24.74 0.71 -1.00	28.42 1.01 0.00	28.62 1.02 -0.15	27.22 1.17 0.00	22.12 1.01 0.00	19.89 0.89 0.00
GREENIDGE___4 23583	11.32 0.38 -2.00	11.04 0.39 -1.63	11.03 0.41 -1.62	10.38 0.38 -1.72	11.18 0.40 -1.61	12.30 0.46 -1.73	16.94 0.71 -1.82	21.84 0.57 -0.91	21.05 0.63 -0.04	20.32 0.78 0.00	20.12 0.70 0.00	18.91 0.53 -0.03	18.92 0.50 0.00	17.24 0.36 -0.71	17.09 0.35 -0.77	17.11 0.35 -0.90	17.42 0.37 -1.01	21.47 0.57 -0.46	24.75 0.71 -1.00	28.42 1.01 0.00	28.97 1.37 -0.15	27.22 1.17 0.00	22.12 1.01 0.00	19.89 0.89 0.00
GREENLWN_69_KV_BK 3 55738	24.74 0.97 -14.84	21.75 0.94 -11.79	19.84 0.92 -9.91	19.22 0.87 -10.07	20.02 0.91 -9.94	21.65 1.00 -10.53	28.31 1.50 -12.40	28.53 2.16 -6.01	28.51 1.94 -6.20	23.71 1.74 -2.43	25.47 1.75 -4.30	25.50 1.83 -5.32	25.54 1.92 -5.20	26.65 1.65 -8.83	28.05 1.68 -10.40	28.18 1.76 -10.56	30.56 1.70 -12.82	41.26 2.25 -18.57	44.70 2.46 -19.20	39.17 2.88 -8.89	39.09 2.69 -8.95	34.90 2.42 -6.43	27.86 1.98 -4.77	24.76 1.96 -3.81
GREENWD_138_KV_38B11_REV_LBMP_J 345004	17.80 0.88 -7.99	16.35 0.83 -6.51	16.25 0.81 -6.43	15.90 0.77 -6.85	16.34 0.77 -6.40	17.84 0.83 -6.89	22.90 1.24 -7.25	25.74 1.79 -3.60	22.39 1.83 -0.18	21.18 1.64 0.00	21.10 1.67 0.00	20.25 1.78 -0.13	20.17 1.75 0.00	20.53 1.59 -2.78	20.62 1.61 -3.04	21.07 1.67 -3.54	21.61 1.59 -3.98	24.48 2.11 -1.94	29.66 2.23 -4.39	29.98 2.58 0.00	30.53 2.50 -0.58	28.26 2.21 0.00	22.75 1.65 0.00	20.76 1.77 0.00
GRISSOM___SOLAR 323813	21.81 0.89 -11.98	19.66 0.87 -9.77	19.59 0.92 -9.66	19.40 0.84 -10.27	19.75 0.96 -9.62	21.59 1.12 -10.35	27.13 1.83 -10.88	27.85 2.08 -5.42	22.72 2.08 -0.27	21.39 1.86 0.00	21.00 1.57 0.00	19.99 1.45 -0.19	19.84 1.42 0.00	21.71 1.36 -4.18	21.83 1.29 -4.57	22.49 1.30 -5.33	23.42 1.39 -5.99	25.02 1.96 -2.62	31.08 2.40 -5.65	30.44 3.04 0.00	32.28 3.24 -1.59	29.25 3.20 0.00	23.41 2.30 0.00	20.93 1.94 0.00
GROVEVILLE___HYD 323602	17.66 0.74 -7.98	16.22 0.70 -6.51	16.13 0.68 -6.44	15.77 0.65 -6.84	16.26 0.69 -6.40	17.75 0.74 -6.89	22.80 1.14 -7.25	25.54 1.59 -3.60	22.10 1.55 -0.18	20.91 1.37 0.00	20.80 1.38 0.00	19.90 1.43 -0.13	19.86 1.44 0.00	20.26 1.31 -2.78	20.32 1.31 -3.04	20.72 1.32 -3.54	21.37 1.35 -3.98	24.11 1.76 -1.92	29.29 1.93 -4.32	29.65 2.25 0.00	30.29 2.25 -0.59	28.08 2.03 0.00	22.58 1.48 0.00	20.42 1.42 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	9.87 0.10 -0.84	9.80 0.10 -0.68	9.78 0.10 -0.67	9.09 0.09 -0.72	9.94 0.10 -0.67	10.95 0.11 -0.72	15.35 0.17 -0.76	20.86 0.12 -0.38	20.52 0.12 -0.02	19.73 0.20 0.00	19.68 0.25 0.00	18.50 0.15 -0.01	18.55 0.13 0.00	16.60 0.13 -0.29	16.42 0.13 -0.32	16.35 0.11 -0.38	16.57 0.11 -0.42	20.79 0.16 -0.19	23.61 0.16 -0.41	27.59 0.19 0.00	27.75 0.25 -0.05	26.36 0.31 0.00	21.34 0.23 0.00	19.18 0.19 0.00
HAMLTNNY_34_KV_TB 80303	9.94 0.12 -0.88	9.85 0.12 -0.72	9.84 0.12 -0.71	9.15 0.11 -0.76	10.00 0.12 -0.71	11.02 0.14 -0.76	15.42 0.20 -0.80	20.94 0.18 -0.40	20.56 0.16 -0.02	19.77 0.23 0.00	19.72 0.29 0.00	18.52 0.17 -0.01	18.62 0.20 0.00	16.63 0.15 -0.31	16.48 0.18 -0.34	16.41 0.16 -0.40	16.65 0.16 -0.45	20.86 0.22 -0.20	23.70 0.23 -0.43	27.68 0.27 0.00	27.78 0.27 -0.06	26.38 0.34 0.00	21.36 0.25 0.00	19.20 0.21 0.00
HAMPSHIRE___PAPER_HYD 323593	9.01 -0.15 -0.23	9.06 -0.13 -0.18	9.09 -0.10 -0.18	8.37 -0.11 -0.19	9.27 -0.08 -0.18	10.21 -0.10 -0.20	14.43 -0.19 -0.21	20.17 -0.29 -0.10	19.89 -0.49 0.00	19.05 -0.49 0.00	18.88 -0.54 0.00	17.72 -0.62 0.00	17.76 -0.66 0.00	15.59 -0.66 -0.08	15.37 -0.69 -0.09	15.28 -0.68 -0.10	15.53 -0.63 -0.12	19.80 -0.70 -0.05	22.51 -0.64 -0.12	26.72 -0.68 0.00	26.98 -0.47 0.00	25.86 -0.18 0.00	21.00 -0.11 0.00	18.88 -0.11 0.00
HARDSCRABBLE_WT_PWR 323673	8.94 0.00 0.00	9.01 0.00 0.00	9.01 0.01 0.00	8.28 0.00 0.00	9.19 0.02 0.00	10.15 0.03 0.00	14.49 0.07 0.00	20.34 -0.02 0.00	20.42 0.04 0.00	19.56 0.02 0.00	19.44 0.02 0.00	18.33 -0.02 0.00	18.31 -0.11 0.00	16.13 -0.05 0.00	15.84 -0.13 0.00	15.75 -0.11 0.00	15.93 -0.11 0.00	20.28 -0.16 0.00	22.90 -0.14 0.00	27.29 -0.11 0.00	27.40 -0.05 0.00	26.18 0.13 0.00	21.21 0.11 0.00	19.13 0.13 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	17.10 0.69 -7.48	15.76 0.65 -6.10	15.67 0.63 -6.03	15.29 0.60 -6.41	15.80 0.62 -6.00	17.26 0.68 -6.46	22.26 1.05 -6.79	25.17 1.45 -3.37	22.01 1.47 -0.17	20.85 1.31 0.00	20.75 1.32 0.00	19.84 1.38 -0.12	19.75 1.33 0.00	20.02 1.25 -2.60	20.05 1.23 -2.85	20.43 1.25 -3.32	21.04 1.27 -3.73	23.89 1.64 -1.81	28.92 1.80 -4.09	29.46 2.06 0.00	30.11 2.11 -0.54	27.95 1.90 0.00	22.50 1.39 0.00	20.32 1.33 0.00
HARSNRAD_115KV_TB1 81005	10.13 -0.09 -1.28	9.98 -0.08 -1.04	9.97 -0.07 -1.03	9.32 -0.06 -1.10	10.09 -0.11 -1.03	11.04 -0.18 -1.11	15.17 -0.40 -1.16	19.67 -1.26 -0.57	19.37 -1.04 -0.03	18.85 -0.68 0.00	19.00 -0.43 0.00	17.63 -0.73 -0.02	17.79 -0.63 0.00	15.97 -0.65 -0.44	15.83 -0.62 -0.49	15.79 -0.63 -0.57	15.95 -0.63 -0.63	19.80 -0.72 -0.28	22.57 -0.92 -0.62	26.09 -1.32 0.00	25.81 -1.73 -0.09	24.92 -1.12 0.00	20.64 -0.46 0.00	18.61 -0.38 0.00
HARZA MOOSE___RIVER 24016	9.33 0.10 -0.29	9.36 0.11 -0.24	9.40 0.16 -0.24	8.67 0.14 -0.25	9.59 0.18 -0.24	10.58 0.21 -0.25	15.00 0.32 -0.27	20.81 0.33 -0.13	20.63 0.24 -0.01	19.79 0.25 0.00	19.66 0.23 0.00	18.44 0.09 -0.01	18.48 0.06 0.00	16.28 0.00 -0.11	16.02 -0.06 -0.12	15.95 -0.05 -0.14	16.20 0.00 -0.16	20.61 0.10 -0.07	23.41 0.23 -0.14	27.79 0.38 0.00	28.05 0.60 0.00	26.67 0.63 0.00	21.59 0.49 0.00	19.41 0.42 0.00

HDSNBRDG_115KV_BRDG_TB1 355580	9.75 0.04 -0.77	9.69 0.05 -0.63	9.67 0.05 -0.62	8.98 0.04 -0.66	9.83 0.05 -0.62	10.83 0.05 -0.67	15.19 0.07 -0.70	20.68 -0.02 -0.35	20.40 0.00 -0.02	19.62 0.08 0.00	19.56 0.14 0.00	18.39 0.04 -0.01	18.46 0.04 0.00	16.50 0.05 -0.27	16.30 0.03 -0.30	16.24 0.03 -0.35	16.46 0.03 -0.39	20.65 0.04 -0.17	23.44 0.02 -0.38	27.43 0.03 0.00	27.53 0.03 -0.05	26.15 0.10 0.00	21.19 0.08 0.00	19.05 0.06 0.00
HELLGATE_13_KV_LD 55870	17.77 0.85 -7.99	16.32 0.80 -6.51	16.22 0.78 -6.43	15.87 0.75 -6.85	16.33 0.75 -6.40	17.83 0.82 -6.89	22.86 1.20 -7.25	25.66 1.71 -3.60	22.33 1.77 -0.18	21.14 1.60 0.00	21.04 1.61 0.00	20.20 1.72 -0.13	20.12 1.69 0.00	20.49 1.54 -2.78	20.57 1.56 -3.04	21.00 1.60 -3.54	21.56 1.54 -3.98	24.38 2.00 -1.94	29.54 2.12 -4.39	29.81 2.41 0.00	30.36 2.33 -0.58	28.10 2.06 0.00	22.65 1.54 0.00	20.68 1.69 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	17.77 0.85 -7.99	16.32 0.80 -6.51	16.22 0.78 -6.43	15.87 0.75 -6.85	16.33 0.75 -6.40	17.83 0.82 -6.89	22.86 1.20 -7.25	25.66 1.71 -3.60	22.33 1.77 -0.18	21.14 1.60 0.00	21.04 1.61 0.00	20.20 1.72 -0.13	20.12 1.69 0.00	20.49 1.54 -2.78	20.57 1.56 -3.04	21.00 1.60 -3.54	21.56 1.54 -3.98	24.38 2.00 -1.94	29.54 2.12 -4.39	29.81 2.41 0.00	30.36 2.33 -0.58	28.10 2.06 0.00	22.65 1.54 0.00	20.68 1.69 0.00
HEMPSTEAD____ 23647	24.63 0.85 -14.84	21.63 0.82 -11.79	19.73 0.81 -9.91	19.12 0.76 -10.07	19.90 0.79 -9.94	21.52 0.87 -10.53	28.13 1.31 -12.40	28.28 1.91 -6.01	27.40 1.73 -5.29	23.17 1.56 -2.06	24.73 1.65 -3.65	24.55 1.67 -4.54	24.59 1.75 -4.42	25.59 1.50 -7.92	26.83 1.57 -9.29	28.05 1.63 -10.56	30.44 1.59 -12.81	41.06 2.04 -18.57	44.46 2.23 -19.20	38.90 2.60 -8.89	38.87 2.47 -8.95	34.67 2.19 -6.43	27.61 1.73 -4.77	24.52 1.71 -3.81
HEWLETT__69_KV_BK3 55828	24.73 0.95 -14.84	21.73 0.92 -11.79	19.82 0.90 -9.91	19.20 0.84 -10.07	20.00 0.89 -9.94	21.63 0.98 -10.53	28.27 1.46 -12.40	28.42 2.06 -6.01	27.92 1.96 -5.59	23.48 1.76 -2.18	25.08 1.79 -3.86	24.99 1.85 -4.80	24.98 1.88 -4.68	26.07 1.68 -8.22	27.32 1.69 -9.66	28.17 1.74 -10.56	30.57 1.72 -12.82	41.28 2.27 -18.57	44.58 2.35 -19.20	39.03 2.74 -8.89	39.03 2.64 -8.95	35.00 2.53 -6.43	28.18 2.30 -4.77	24.97 2.17 -3.81
HICKLING___1 23621	11.41 0.31 -2.16	11.09 0.32 -1.76	11.07 0.32 -1.75	10.45 0.31 -1.86	11.23 0.32 -1.74	12.34 0.35 -1.87	16.88 0.50 -1.97	21.71 0.37 -0.98	20.85 0.43 -0.05	20.18 0.64 0.00	20.12 0.70 0.00	18.86 0.48 -0.04	18.96 0.53 0.00	17.26 0.32 -0.76	17.17 0.37 -0.83	17.16 0.33 -0.97	17.45 0.32 -1.09	21.40 0.47 -0.49	24.64 0.53 -1.07	28.17 0.77 0.00	28.25 0.63 -0.16	26.90 0.86 0.00	21.95 0.84 0.00	19.75 0.76 0.00
HICKLING___2 23622	11.41 0.31 -2.16	11.09 0.32 -1.76	11.07 0.32 -1.75	10.45 0.31 -1.86	11.23 0.32 -1.74	12.34 0.35 -1.87	16.88 0.50 -1.97	21.71 0.37 -0.98	20.85 0.43 -0.05	20.18 0.64 0.00	20.12 0.70 0.00	18.86 0.48 -0.04	18.96 0.53 0.00	17.26 0.32 -0.76	17.17 0.37 -0.83	17.16 0.33 -0.97	17.45 0.32 -1.09	21.40 0.47 -0.49	24.64 0.53 -1.07	28.17 0.77 0.00	28.25 0.63 -0.16	26.90 0.86 0.00	21.95 0.84 0.00	19.75 0.76 0.00
HIGH FALLS___HY 23754	17.56 0.77 -7.86	16.12 0.70 -6.41	16.02 0.68 -6.34	15.65 0.64 -6.74	16.15 0.67 -6.31	17.63 0.73 -6.79	22.70 1.15 -7.14	25.49 1.59 -3.54	22.08 1.53 -0.17	20.85 1.31 0.00	20.78 1.36 0.00	19.86 1.39 -0.13	19.77 1.34 0.00	20.20 1.29 -2.73	20.11 1.15 -3.00	20.57 1.22 -3.49	21.20 1.24 -3.92	23.95 1.66 -1.85	29.00 1.82 -4.15	29.46 2.06 0.00	30.44 2.36 -0.62	28.18 2.14 0.00	22.61 1.50 0.00	20.44 1.44 0.00
HILLBURN___GT 23639	17.23 0.71 -7.59	15.87 0.67 -6.19	15.78 0.66 -6.12	15.41 0.62 -6.50	15.90 0.64 -6.09	17.38 0.71 -6.56	22.39 1.08 -6.89	25.26 1.49 -3.42	22.09 1.55 -0.17	20.93 1.39 0.00	20.88 1.46 0.00	19.93 1.47 -0.12	19.82 1.40 0.00	20.14 1.33 -2.64	20.14 1.28 -2.89	20.54 1.32 -3.37	21.11 1.28 -3.78	23.93 1.65 -1.84	28.99 1.80 -4.15	29.46 2.06 0.00	29.95 1.95 -0.55	27.94 1.90 0.00	22.52 1.41 0.00	20.38 1.39 0.00
HILLSIDE_115KV_TB1 80332	11.34 0.18 -2.23	11.01 0.18 -1.81	10.99 0.19 -1.80	10.37 0.18 -1.91	11.13 0.17 -1.79	12.22 0.18 -1.92	16.69 0.26 -2.02	21.37 0.00 -1.01	20.55 0.12 -0.05	19.85 0.31 0.00	19.81 0.39 0.00	18.58 0.20 -0.04	18.64 0.22 0.00	17.04 0.08 -0.78	16.92 0.10 -0.86	16.94 0.08 -1.00	17.21 0.05 -1.12	21.07 0.12 -0.50	24.27 0.14 -1.10	27.68 0.27 0.00	27.78 0.16 -0.17	26.46 0.42 0.00	21.57 0.46 0.00	19.43 0.44 0.00
HISHELDN_WT_PWR 323625	10.45 -0.02 -1.53	10.26 -0.01 -1.25	10.24 0.00 -1.24	9.61 0.02 -1.31	10.37 -0.03 -1.23	11.38 -0.06 -1.33	15.65 -0.16 -1.39	20.25 -0.79 -0.68	19.84 -0.57 -0.03	19.28 -0.25 0.00	19.17 -0.25 0.00	18.06 -0.31 -0.02	18.15 -0.28 0.00	16.33 -0.37 -0.53	16.20 -0.35 -0.58	16.15 -0.38 -0.68	16.37 -0.43 -0.76	20.27 -0.51 -0.34	23.18 -0.60 -0.75	26.77 -0.63 0.00	27.42 -0.14 -0.11	25.63 -0.42 0.00	21.11 0.00 0.00	19.03 0.04 0.00
HOLTSVILLE_IC_1 23690	24.66 0.88 -14.84	21.67 0.87 -11.79	19.78 0.86 -9.91	19.17 0.81 -10.07	19.96 0.85 -9.94	21.58 0.93 -10.53	28.17 1.35 -12.40	28.34 1.97 -6.01	28.26 1.63 -6.25	23.43 1.45 -2.45	25.26 1.50 -4.33	25.23 1.52 -5.37	25.31 1.64 -5.25	26.44 1.39 -8.88	27.90 1.47 -10.46	28.01 1.59 -10.56	30.44 1.59 -12.81	41.16 2.15 -18.57	44.53 2.30 -19.20	39.01 2.71 -8.89	39.01 2.61 -8.95	34.69 2.21 -6.43	27.65 1.77 -4.77	24.52 1.71 -3.81
HOLTSVILLE_IC_10 23699	24.69 0.91 -14.84	21.71 0.90 -11.79	19.82 0.90 -9.91	19.20 0.84 -10.07	20.00 0.89 -9.94	21.62 0.97 -10.53	28.23 1.41 -12.40	28.45 2.08 -6.01	28.30 1.69 -6.24	23.49 1.50 -2.45	25.28 1.53 -4.32	25.28 1.58 -5.35	25.39 1.73 -5.23	26.48 1.44 -8.86	27.96 1.55 -10.45	28.10 1.68 -10.56	30.54 1.68 -12.81	41.30 2.29 -18.57	44.70 2.47 -19.20	39.20 2.90 -8.89	39.20 2.80 -8.95	34.82 2.34 -6.43	27.74 1.86 -4.77	24.59 1.78 -3.81
HOLTSVILLE_IC_2 23691	24.66 0.88 -14.84	21.67 0.87 -11.79	19.78 0.86 -9.91	19.17 0.81 -10.07	19.96 0.85 -9.94	21.58 0.93 -10.53	28.17 1.35 -12.40	28.34 1.97 -6.01	28.26 1.63 -6.25	23.43 1.45 -2.45	25.26 1.50 -4.33	25.23 1.52 -5.37	25.31 1.64 -5.25	26.44 1.39 -8.88	27.90 1.47 -10.46	28.01 1.59 -10.56	30.44 1.59 -12.81	41.16 2.15 -18.57	44.53 2.30 -19.20	39.01 2.71 -8.89	39.01 2.61 -8.95	34.69 2.21 -6.43	27.65 1.77 -4.77	24.52 1.71 -3.81
HOLTSVILLE_IC_3 23692	24.66 0.88 -14.84	21.67 0.87 -11.79	19.78 0.86 -9.91	19.17 0.81 -10.07	19.96 0.85 -9.94	21.58 0.93 -10.53	28.17 1.35 -12.40	28.34 1.97 -6.01	28.26 1.63 -6.25	23.43 1.45 -2.45	25.26 1.50 -4.33	25.23 1.52 -5.37	25.31 1.64 -5.25	26.44 1.39 -8.88	27.90 1.47 -10.46	28.01 1.59 -10.56	30.44 1.59 -12.81	41.16 2.15 -18.57	44.53 2.30 -19.20	39.01 2.71 -8.89	39.01 2.61 -8.95	34.69 2.21 -6.43	27.65 1.77 -4.77	24.52 1.71 -3.81

HOLTSVILLE_IC_4 23693	24.66 0.88 -14.84	21.67 0.87 -11.79	19.78 0.86 -9.91	19.17 0.81 -10.07	19.96 0.85 -9.94	21.58 0.93 -10.53	28.17 1.35 -12.40	28.34 1.97 -6.01	28.26 1.63 -6.25	23.43 1.45 -2.45	25.26 1.50 -4.33	25.23 1.52 -5.37	25.31 1.64 -5.25	26.44 1.39 -8.88	27.90 1.47 -10.46	28.01 1.59 -10.56	30.44 1.59 -12.81	41.16 2.15 -18.57	44.53 2.30 -19.20	39.01 2.71 -8.89	39.01 2.61 -8.95	34.69 2.21 -6.43	27.65 1.77 -4.77	24.52 1.71 -3.81
HOLTSVILLE_IC_5 23694	24.66 0.88 -14.84	21.67 0.87 -11.79	19.78 0.86 -9.91	19.17 0.81 -10.07	19.96 0.85 -9.94	21.58 0.93 -10.53	28.17 1.35 -12.40	28.34 1.97 -6.01	28.26 1.63 -6.25	23.43 1.45 -2.45	25.26 1.50 -4.33	25.23 1.52 -5.37	25.31 1.64 -5.25	26.44 1.39 -8.88	27.90 1.47 -10.46	28.01 1.59 -10.56	30.44 1.59 -12.81	41.16 2.15 -18.57	44.53 2.30 -19.20	39.01 2.71 -8.89	39.01 2.61 -8.95	34.69 2.21 -6.43	27.65 1.77 -4.77	24.52 1.71 -3.81
HOLTSVILLE_IC_6 23695	24.69 0.91 -14.84	21.71 0.90 -11.79	19.82 0.90 -9.91	19.20 0.84 -10.07	20.00 0.89 -9.94	21.62 0.97 -10.53	28.23 1.41 -12.40	28.45 2.08 -6.01	28.30 1.69 -6.24	23.49 1.50 -2.45	25.28 1.53 -4.32	25.28 1.58 -5.35	25.39 1.73 -5.23	26.48 1.44 -8.86	27.96 1.55 -10.45	28.10 1.68 -10.56	30.54 1.68 -12.81	41.30 2.29 -18.57	44.70 2.47 -19.20	39.20 2.90 -8.89	39.20 2.80 -8.95	34.82 2.34 -6.43	27.74 1.86 -4.77	24.59 1.78 -3.81
HOLTSVILLE_IC_7 23696	24.69 0.91 -14.84	21.71 0.90 -11.79	19.82 0.90 -9.91	19.20 0.84 -10.07	20.00 0.89 -9.94	21.62 0.97 -10.53	28.23 1.41 -12.40	28.45 2.08 -6.01	28.30 1.69 -6.24	23.49 1.50 -2.45	25.28 1.53 -4.32	25.28 1.58 -5.35	25.39 1.73 -5.23	26.48 1.44 -8.86	27.96 1.55 -10.45	28.10 1.68 -10.56	30.54 1.68 -12.81	41.30 2.29 -18.57	44.70 2.47 -19.20	39.20 2.90 -8.89	39.20 2.80 -8.95	34.82 2.34 -6.43	27.74 1.86 -4.77	24.59 1.78 -3.81
HOLTSVILLE_IC_8 23697	24.69 0.91 -14.84	21.71 0.90 -11.79	19.82 0.90 -9.91	19.20 0.84 -10.07	20.00 0.89 -9.94	21.62 0.97 -10.53	28.23 1.41 -12.40	28.45 2.08 -6.01	28.30 1.69 -6.24	23.49 1.50 -2.45	25.28 1.53 -4.32	25.28 1.58 -5.35	25.39 1.73 -5.23	26.48 1.44 -8.86	27.96 1.55 -10.45	28.10 1.68 -10.56	30.54 1.68 -12.81	41.30 2.29 -18.57	44.70 2.47 -19.20	39.20 2.90 -8.89	39.20 2.80 -8.95	34.82 2.34 -6.43	27.74 1.86 -4.77	24.59 1.78 -3.81
HOLTSVILLE_IC_9 23698	24.69 0.91 -14.84	21.71 0.90 -11.79	19.82 0.90 -9.91	19.20 0.84 -10.07	20.00 0.89 -9.94	21.62 0.97 -10.53	28.23 1.41 -12.40	28.45 2.08 -6.01	28.30 1.69 -6.24	23.49 1.50 -2.45	25.28 1.53 -4.32	25.28 1.58 -5.35	25.39 1.73 -5.23	26.48 1.44 -8.86	27.96 1.55 -10.45	28.10 1.68 -10.56	30.54 1.68 -12.81	41.30 2.29 -18.57	44.70 2.47 -19.20	39.20 2.90 -8.89	39.20 2.80 -8.95	34.82 2.34 -6.43	27.74 1.86 -4.77	24.59 1.78 -3.81
HOMER_HL_115KV_TB2 355744	10.49 -0.05 -1.61	10.27 -0.05 -1.31	10.27 -0.04 -1.30	9.63 -0.03 -1.38	10.40 -0.06 -1.29	11.41 -0.09 -1.39	15.71 -0.16 -1.46	20.49 -0.59 -0.73	20.13 -0.29 -0.04	19.60 0.06 0.00	19.60 0.17 0.00	18.30 -0.07 -0.03	18.40 -0.02 0.00	16.40 -0.34 -0.56	16.27 -0.32 -0.62	16.06 -0.52 -0.72	16.27 -0.58 -0.81	20.11 -0.69 -0.36	23.07 -0.76 -0.79	26.91 -0.49 0.00	26.85 -0.71 -0.12	26.04 0.00 0.00	21.42 0.32 0.00	19.32 0.32 0.00
HOWARD_WT_PWR 323690	11.06 0.28 -1.85	10.80 0.28 -1.51	10.80 0.31 -1.49	10.15 0.29 -1.58	10.95 0.30 -1.48	12.06 0.34 -1.60	16.59 0.50 -1.68	21.47 0.35 -0.77	20.90 0.49 -0.04	20.24 0.70 0.00	20.07 0.64 0.00	18.87 0.50 -0.03	18.88 0.46 0.00	17.08 0.31 -0.60	16.92 0.30 -0.65	16.90 0.29 -0.76	17.15 0.26 -0.85	21.27 0.45 -0.38	24.43 0.55 -0.84	28.22 0.82 0.00	28.89 1.32 -0.13	27.14 1.09 0.00	22.14 1.03 0.00	19.91 0.91 0.00
HQ_GEN_CEDARS 23644	8.68 -0.26 0.00	8.76 -0.25 0.00	8.75 -0.25 0.00	8.04 -0.24 0.00	8.92 -0.25 0.00	9.84 -0.27 0.00	13.97 -0.45 0.00	19.87 -0.49 0.00	19.83 -0.55 0.00	18.99 -0.55 0.00	18.82 -0.60 0.00	17.74 -0.61 0.00	17.78 -0.64 0.00	15.61 -0.57 0.00	15.39 -0.57 0.00	15.27 -0.59 0.00	15.48 -0.56 0.00	19.72 -0.72 0.00	22.30 -0.74 0.00	26.53 -0.88 0.00	26.76 -0.69 0.00	25.39 -0.65 0.00	20.62 -0.49 0.00	18.56 -0.44 0.00
HQ_GEN_CEDARS_PROXY 323590	8.68 -0.26 0.00	8.76 -0.25 0.00	8.75 -0.25 0.00	8.04 -0.24 0.00	8.92 -0.25 0.00	9.84 -0.27 0.00	13.97 -0.45 0.00	19.87 -0.49 0.00	19.83 -0.55 0.00	18.99 -0.55 0.00	18.82 -0.60 0.00	17.74 -0.60 0.00	17.78 -0.65 0.00	15.61 -0.57 0.00	15.39 -0.57 0.00	15.27 -0.59 0.00	15.48 -0.56 0.00	19.72 -0.72 0.00	22.30 -0.74 0.00	26.52 -0.88 0.00	26.57 -0.88 0.00	25.39 -0.65 0.00	20.62 -0.48 0.00	18.56 -0.44 0.00
HQ_GEN_IMPORT 323601	8.72 -0.21 0.00	8.81 -0.21 0.00	8.80 -0.21 0.00	8.08 -0.20 0.00	8.96 -0.21 0.00	9.88 -0.23 0.00	14.07 -0.35 0.00	19.99 -0.37 0.00	19.99 -0.39 0.00	19.15 -0.39 0.00	19.02 -0.41 0.00	17.96 -0.39 0.00	18.02 -0.41 0.00	15.82 -0.36 0.00	15.62 -0.35 0.00	15.51 -0.35 0.00	15.70 -0.34 0.00	19.99 -0.45 0.00	22.53 -0.51 0.00	26.80 -0.60 0.00	26.79 -0.66 0.00	25.50 -0.55 0.00	20.66 -0.44 0.00	18.58 -0.42 0.00
HQ_GEN_WHEEL 23651	8.72 -0.21 0.00	8.81 -0.21 0.00	8.80 -0.21 0.00	8.08 -0.20 0.00	8.96 -0.21 0.00	9.88 -0.23 0.00	14.07 -0.35 0.00	19.99 -0.37 0.00	19.99 -0.39 0.00	19.15 -0.39 0.00	19.02 -0.41 0.00	17.96 -0.39 0.00	18.02 -0.41 0.00	15.82 -0.36 0.00	15.62 -0.35 0.00	15.51 -0.35 0.00	15.70 -0.34 0.00	19.99 -0.45 0.00	22.53 -0.51 0.00	26.80 -0.60 0.00	26.79 -0.66 0.00	25.50 -0.55 0.00	20.66 -0.44 0.00	18.58 -0.42 0.00
HUDSON_AVE_GT_3 23810	17.73 0.81 -7.98	16.29 0.77 -6.51	16.19 0.75 -6.43	15.84 0.72 -6.84	16.30 0.72 -6.40	17.81 0.80 -6.89	22.89 1.23 -7.25	25.70 1.75 -3.60	22.37 1.81 -0.18	21.18 1.64 0.00	21.06 1.63 0.00	20.20 1.72 -0.13	20.12 1.69 0.00	20.49 1.54 -2.78	20.57 1.56 -3.04	21.00 1.60 -3.54	21.56 1.54 -3.98	24.38 2.00 -1.94	29.57 2.14 -4.39	29.84 2.44 0.00	30.39 2.36 -0.58	28.15 2.11 0.00	22.71 1.60 0.00	20.63 1.63 0.00
HUDSON_AVE_GT_4 23540	17.73 0.81 -7.98	16.29 0.77 -6.51	16.19 0.75 -6.43	15.84 0.72 -6.84	16.30 0.72 -6.40	17.81 0.80 -6.89	22.89 1.23 -7.25	25.70 1.75 -3.60	22.37 1.81 -0.18	21.18 1.64 0.00	21.06 1.63 0.00	20.20 1.72 -0.13	20.12 1.69 0.00	20.49 1.54 -2.78	20.57 1.56 -3.04	21.00 1.60 -3.54	21.56 1.54 -3.98	24.38 2.00 -1.94	29.57 2.14 -4.39	29.84 2.44 0.00	30.39 2.36 -0.58	28.15 2.11 0.00	22.71 1.60 0.00	20.63 1.63 0.00
HUDSON_AVE_GT_5 23657	17.73 0.81 -7.98	16.29 0.77 -6.51	16.19 0.75 -6.43	15.84 0.72 -6.84	16.30 0.72 -6.40	17.81 0.80 -6.89	22.89 1.23 -7.25	25.70 1.75 -3.60	22.37 1.81 -0.18	21.18 1.64 0.00	21.06 1.63 0.00	20.20 1.72 -0.13	20.12 1.69 0.00	20.49 1.54 -2.78	20.57 1.56 -3.04	21.00 1.60 -3.54	21.56 1.54 -3.98	24.38 2.00 -1.94	29.57 2.14 -4.39	29.84 2.44 0.00	30.39 2.36 -0.58	28.15 2.11 0.00	22.71 1.60 0.00	20.63 1.63 0.00

HUDSON_AVE_10 24168	17.72 0.80 -7.98	16.28 0.76 -6.51	16.18 0.74 -6.43	15.82 0.70 -6.84	16.29 0.72 -6.40	17.80 0.79 -6.89	22.87 1.21 -7.25	25.70 1.75 -3.60	22.37 1.81 -0.18	21.16 1.62 0.00	21.02 1.59 0.00	20.16 1.69 -0.13	20.08 1.66 0.00	20.45 1.50 -2.78	20.54 1.53 -3.04	20.97 1.57 -3.54	21.53 1.51 -3.98	24.36 1.98 -1.94	29.52 2.10 -4.39	29.81 2.41 0.00	30.36 2.33 -0.58	28.13 2.08 0.00	22.69 1.58 0.00	20.61 1.61 0.00
HUDSON___115KV_TB 4 355613	19.15 0.39 -9.82	17.43 0.41 -8.01	17.35 0.42 -7.92	17.08 0.38 -8.42	17.49 0.44 -7.88	19.07 0.47 -8.49	24.03 0.69 -8.92	25.65 0.88 -4.42	21.47 0.88 -0.22	20.32 0.78 0.00	20.14 0.72 0.00	19.24 0.73 -0.16	19.19 0.77 0.00	20.19 0.60 -3.41	20.36 0.64 -3.75	20.86 0.63 -4.37	21.62 0.67 -4.91	23.46 0.88 -2.14	28.72 1.06 -4.63	28.80 1.40 0.00	29.83 1.35 -1.04	27.32 1.28 0.00	22.10 0.99 0.00	19.83 0.84 0.00
HUNTER MOUNT___DRP 323613	18.80 0.37 -9.49	17.13 0.38 -7.74	17.06 0.40 -7.66	16.77 0.36 -8.14	17.21 0.42 -7.62	18.76 0.45 -8.20	23.71 0.68 -8.62	25.49 0.85 -4.27	21.38 0.79 -0.21	20.28 0.74 0.00	20.11 0.68 0.00	19.18 0.68 -0.15	19.16 0.74 0.00	19.97 0.50 -3.30	20.16 0.57 -3.62	20.63 0.56 -4.22	21.42 0.64 -4.74	23.38 0.84 -2.10	28.64 1.04 -4.57	28.85 1.45 0.00	29.74 1.35 -0.95	27.40 1.35 0.00	22.12 1.01 0.00	19.81 0.82 0.00
HUNTINGTON_RES_REC 323705	24.73 0.95 -14.84	21.74 0.93 -11.79	19.84 0.92 -9.91	19.22 0.86 -10.07	20.02 0.91 -9.94	21.64 0.99 -10.53	28.29 1.47 -12.40	28.53 2.16 -6.01	28.44 1.83 -6.23	23.62 1.64 -2.44	25.43 1.69 -4.32	25.41 1.72 -5.34	25.53 1.88 -5.22	26.58 1.55 -8.85	28.05 1.64 -10.43	28.16 1.74 -10.56	30.57 1.72 -12.81	41.32 2.31 -18.57	44.74 2.51 -19.20	39.23 2.93 -8.89	39.23 2.83 -8.95	34.87 2.39 -6.43	27.82 1.94 -4.77	24.69 1.88 -3.81
HUNTLEY___63 23557	10.21 -0.05 -1.33	10.05 -0.05 -1.08	10.04 -0.04 -1.07	9.40 -0.02 -1.14	10.16 -0.07 -1.07	11.13 -0.13 -1.15	15.29 -0.33 -1.21	19.79 -1.16 -0.59	19.53 -0.88 -0.03	19.01 -0.53 0.00	19.15 -0.27 0.00	17.80 -0.57 -0.02	17.92 -0.50 0.00	16.10 -0.53 -0.46	15.94 -0.53 -0.50	15.89 -0.56 -0.59	16.06 -0.64 -0.66	19.94 -0.80 -0.30	22.74 -0.94 -0.65	26.28 -1.12 0.00	26.06 -1.48 -0.09	25.16 -0.89 0.00	20.83 -0.27 0.00	18.77 -0.23 0.00
HUNTLEY___64 23558	10.21 -0.05 -1.33	10.05 -0.05 -1.08	10.04 -0.04 -1.07	9.40 -0.02 -1.14	10.16 -0.07 -1.07	11.13 -0.13 -1.15	15.29 -0.33 -1.21	19.79 -1.16 -0.59	19.53 -0.88 -0.03	19.01 -0.53 0.00	19.15 -0.27 0.00	17.80 -0.57 -0.02	17.92 -0.50 0.00	16.10 -0.53 -0.46	15.94 -0.53 -0.50	15.89 -0.56 -0.59	16.06 -0.64 -0.66	19.94 -0.80 -0.30	22.74 -0.94 -0.65	26.28 -1.12 0.00	26.06 -1.48 -0.09	25.16 -0.89 0.00	20.83 -0.27 0.00	18.77 -0.23 0.00
HUNTLEY___65 23559	10.21 -0.05 -1.33	10.05 -0.05 -1.08	10.04 -0.04 -1.07	9.40 -0.02 -1.14	10.16 -0.07 -1.07	11.13 -0.13 -1.15	15.29 -0.33 -1.21	19.79 -1.16 -0.59	19.53 -0.88 -0.03	19.01 -0.53 0.00	19.15 -0.27 0.00	17.80 -0.57 -0.02	17.92 -0.50 0.00	16.10 -0.53 -0.46	15.94 -0.53 -0.50	15.89 -0.56 -0.59	16.06 -0.64 -0.66	19.94 -0.80 -0.30	22.74 -0.94 -0.65	26.28 -1.12 0.00	26.06 -1.48 -0.09	25.16 -0.89 0.00	20.83 -0.27 0.00	18.77 -0.23 0.00
HUNTLEY___66 23560	10.21 -0.05 -1.33	10.05 -0.05 -1.08	10.04 -0.04 -1.07	9.40 -0.02 -1.14	10.16 -0.07 -1.07	11.13 -0.13 -1.15	15.29 -0.33 -1.21	19.79 -1.16 -0.59	19.53 -0.88 -0.03	19.01 -0.53 0.00	19.15 -0.27 0.00	17.80 -0.57 -0.02	17.92 -0.50 0.00	16.10 -0.53 -0.46	15.94 -0.53 -0.50	15.89 -0.56 -0.59	16.06 -0.64 -0.66	19.94 -0.80 -0.30	22.74 -0.94 -0.65	26.28 -1.12 0.00	26.06 -1.48 -0.09	25.16 -0.89 0.00	20.83 -0.27 0.00	18.77 -0.23 0.00
HUNTLEY___67 23561	10.21 -0.08 -1.36	10.05 -0.07 -1.11	10.04 -0.06 -1.09	9.40 -0.04 -1.16	10.16 -0.10 -1.09	11.13 -0.16 -1.17	15.30 -0.35 -1.23	19.84 -1.12 -0.60	19.51 -0.90 -0.03	18.99 -0.55 0.00	19.11 -0.31 0.00	17.78 -0.59 -0.02	17.92 -0.50 0.00	16.09 -0.55 -0.47	15.95 -0.53 -0.51	15.90 -0.56 -0.60	16.09 -0.63 -0.67	19.94 -0.80 -0.30	22.75 -0.94 -0.66	26.28 -1.12 0.00	26.01 -1.54 -0.10	25.11 -0.94 0.00	20.77 -0.34 0.00	18.73 -0.27 0.00
HUNTLEY___68 23562	10.21 -0.08 -1.36	10.05 -0.07 -1.11	10.04 -0.06 -1.09	9.40 -0.04 -1.16	10.16 -0.10 -1.09	11.13 -0.16 -1.17	15.30 -0.35 -1.23	19.84 -1.12 -0.60	19.51 -0.90 -0.03	18.99 -0.55 0.00	19.11 -0.31 0.00	17.78 -0.59 -0.02	17.92 -0.50 0.00	16.09 -0.55 -0.47	15.95 -0.53 -0.51	15.90 -0.56 -0.60	16.09 -0.63 -0.67	19.94 -0.80 -0.30	22.75 -0.94 -0.66	26.28 -1.12 0.00	26.01 -1.54 -0.10	25.11 -0.94 0.00	20.77 -0.34 0.00	18.73 -0.27 0.00
HYLAND___LFGE 323620	10.86 0.43 -1.50	10.67 0.43 -1.22	10.67 0.46 -1.21	9.96 0.40 -1.28	10.84 0.47 -1.20	11.95 0.54 -1.29	16.42 0.65 -1.36	21.45 0.43 -0.66	20.57 0.16 -0.03	19.71 0.18 0.00	19.56 0.14 0.00	18.24 -0.13 -0.02	18.48 0.06 0.00	16.64 -0.05 -0.51	16.66 0.13 -0.56	16.64 0.13 -0.66	16.86 0.08 -0.74	21.26 0.49 -0.33	24.38 0.62 -0.73	28.47 1.07 0.00	29.18 1.62 -0.11	27.19 1.14 0.00	22.14 1.03 0.00	19.87 0.87 0.00
INDECK___CORINTH 23802	19.88 0.38 -10.57	18.00 0.37 -8.62	17.93 0.40 -8.52	17.71 0.36 -9.06	18.07 0.41 -8.48	19.74 0.49 -9.13	24.81 0.79 -9.60	26.15 1.02 -4.78	22.20 1.59 -0.23	20.98 1.45 0.00	20.73 1.30 0.00	19.78 1.26 -0.17	19.75 1.33 0.00	20.97 1.12 -3.68	21.12 1.12 -4.04	21.65 1.09 -4.70	22.44 1.12 -5.28	24.26 1.55 -2.26	29.74 1.86 -4.84	29.73 2.33 0.00	31.60 2.44 -1.71	28.23 2.19 0.00	22.75 1.65 0.00	20.40 1.41 0.00
INDECK___ILION 23567	8.98 0.04 0.00	9.06 0.05 0.00	9.05 0.05 0.00	8.32 0.04 0.00	9.23 0.06 0.00	10.18 0.06 0.00	14.53 0.12 0.00	20.44 0.08 0.00	20.48 0.10 0.00	19.62 0.08 0.00	19.50 0.08 0.00	18.40 0.06 0.00	18.44 0.02 0.00	16.22 0.05 0.00	15.97 0.00 0.00	15.86 0.00 0.00	16.06 0.02 0.00	20.46 0.02 0.00	23.08 0.05 0.00	27.48 0.08 0.00	27.64 0.19 0.00	26.25 0.21 0.00	21.26 0.15 0.00	19.15 0.15 0.00
INDECK___OLEAN 23982	10.49 -0.05 -1.61	10.27 -0.05 -1.31	10.27 -0.04 -1.30	9.63 -0.03 -1.38	10.40 -0.06 -1.29	11.41 -0.09 -1.39	15.72 -0.16 -1.46	20.49 -0.59 -0.73	20.13 -0.29 -0.04	19.60 0.06 0.00	19.48 0.06 0.00	18.32 -0.05 -0.03	18.40 -0.02 0.00	16.40 -0.34 -0.56	16.27 -0.32 -0.62	16.06 -0.52 -0.72	16.27 -0.58 -0.81	20.11 -0.70 -0.36	23.07 -0.76 -0.80	26.91 -0.49 0.00	27.54 -0.03 -0.12	26.07 0.03 0.00	21.42 0.32 0.00	19.32 0.32 0.00
INDECK___OSWEGO 23783	9.52 -0.06 -0.65	9.48 -0.06 -0.53	9.47 -0.06 -0.52	8.78 -0.06 -0.56	9.63 -0.06 -0.52	10.61 -0.07 -0.56	14.90 -0.10 -0.59	20.40 -0.24 -0.29	20.15 -0.24 -0.01	19.36 -0.18 0.00	19.25 -0.18 0.00	18.15 -0.20 -0.01	18.22 -0.20 0.00	16.22 -0.18 -0.23	16.03 -0.19 -0.25	15.94 -0.21 -0.29	16.16 -0.21 -0.33	20.34 -0.24 -0.15	23.10 -0.25 -0.32	27.10 -0.30 0.00	27.29 -0.16 0.00	25.86 -0.18 0.00	20.94 -0.17 0.00	18.84 -0.15 0.00

INDECK___YERKES 23781	10.22 -0.04 -1.33	10.06 -0.04 -1.08	10.05 -0.03 -1.07	9.40 -0.02 -1.14	10.17 -0.06 -1.07	11.15 -0.12 -1.15	15.30 -0.32 -1.21	19.81 -1.14 -0.59	19.55 -0.86 -0.03	19.03 -0.51 0.00	18.92 -0.51 0.00	17.83 -0.53 -0.02	17.94 -0.48 0.00	16.12 -0.52 -0.46	15.94 -0.53 -0.50	15.91 -0.54 -0.59	16.07 -0.63 -0.66	19.94 -0.80 -0.30	22.76 -0.92 -0.65	26.31 -1.10 0.00	27.02 -0.52 -0.09	25.24 -0.81 0.00	20.86 -0.25 0.00	18.79 -0.21 0.00
INDIAN POINT_GT_1 24139	17.53 0.70 -7.90	16.12 0.67 -6.44	16.03 0.66 -6.37	15.67 0.62 -6.77	16.15 0.64 -6.34	17.64 0.70 -6.82	22.65 1.07 -7.17	25.44 1.53 -3.56	22.10 1.55 -0.17	20.91 1.37 0.00	20.80 1.38 0.00	19.92 1.45 -0.13	19.86 1.44 0.00	20.23 1.31 -2.75	20.29 1.31 -3.01	20.70 1.33 -3.51	21.28 1.30 -3.94	24.05 1.70 -1.92	29.22 1.84 -4.34	29.54 2.14 0.00	30.08 2.06 -0.57	27.89 1.85 0.00	22.50 1.39 0.00	20.38 1.39 0.00
INDIAN POINT_GT_2 23659	17.53 0.70 -7.90	16.12 0.67 -6.44	16.03 0.66 -6.37	15.67 0.62 -6.77	16.15 0.64 -6.34	17.64 0.70 -6.82	22.65 1.07 -7.17	25.44 1.53 -3.56	22.10 1.55 -0.17	20.91 1.37 0.00	20.80 1.38 0.00	19.92 1.45 -0.13	19.86 1.44 0.00	20.23 1.31 -2.75	20.29 1.31 -3.01	20.70 1.33 -3.51	21.28 1.30 -3.94	24.05 1.70 -1.92	29.22 1.84 -4.34	29.54 2.14 0.00	30.08 2.06 -0.57	27.89 1.85 0.00	22.50 1.39 0.00	20.38 1.39 0.00
INDIAN POINT_GT_3 24019	17.53 0.70 -7.90	16.12 0.67 -6.44	16.03 0.66 -6.37	15.67 0.62 -6.77	16.15 0.64 -6.34	17.64 0.70 -6.82	22.65 1.07 -7.17	25.44 1.53 -3.56	22.10 1.55 -0.17	20.91 1.37 0.00	20.80 1.38 0.00	19.92 1.45 -0.13	19.86 1.44 0.00	20.23 1.31 -2.75	20.29 1.31 -3.01	20.70 1.33 -3.51	21.28 1.30 -3.94	24.05 1.70 -1.92	29.22 1.84 -4.34	29.54 2.14 0.00	30.08 2.06 -0.57	27.89 1.85 0.00	22.50 1.39 0.00	20.38 1.39 0.00
INDIAN POINT___2 23530	17.42 0.70 -7.79	16.03 0.67 -6.35	15.93 0.65 -6.28	15.57 0.61 -6.67	16.05 0.63 -6.25	17.54 0.70 -6.73	22.55 1.07 -7.07	25.37 1.51 -3.51	22.08 1.53 -0.17	20.90 1.37 0.00	20.86 1.44 0.00	19.92 1.45 -0.12	19.86 1.44 0.00	20.19 1.31 -2.71	20.24 1.31 -2.97	20.65 1.33 -3.46	21.22 1.30 -3.88	24.02 1.70 -1.89	29.15 1.84 -4.27	29.51 2.11 0.00	30.02 2.00 -0.57	27.89 1.85 0.00	22.50 1.39 0.00	20.36 1.37 0.00
INDIAN POINT___3 23531	17.53 0.70 -7.90	16.12 0.67 -6.44	16.03 0.65 -6.37	15.67 0.61 -6.77	16.14 0.63 -6.34	17.64 0.70 -6.83	22.64 1.05 -7.18	25.42 1.51 -3.56	22.08 1.53 -0.17	20.91 1.37 0.00	20.78 1.36 0.00	19.92 1.45 -0.13	19.86 1.44 0.00	20.23 1.31 -2.75	20.29 1.31 -3.01	20.70 1.33 -3.51	21.28 1.30 -3.94	24.05 1.70 -1.92	29.22 1.84 -4.34	29.51 2.11 0.00	30.08 2.06 -0.57	27.89 1.85 0.00	22.50 1.39 0.00	20.38 1.39 0.00
INGHAM_C_115KV_TB7 356103	8.94 0.01 0.00	9.01 0.00 0.00	9.01 0.01 0.00	8.29 0.01 0.00	9.20 0.03 0.00	10.16 0.04 0.00	14.49 0.07 0.00	20.32 -0.04 0.00	20.42 0.04 0.00	19.54 0.00 0.00	19.43 0.00 0.00	18.33 -0.02 0.00	18.29 -0.13 0.00	16.13 -0.05 0.00	15.82 -0.14 0.00	15.73 -0.13 0.00	15.93 -0.11 0.00	20.28 -0.16 0.00	22.90 -0.14 0.00	27.27 -0.14 0.00	27.51 0.05 0.00	26.17 0.13 0.00	21.21 0.11 0.00	19.13 0.13 0.00
IP CORINTH___1 23988	19.94 0.43 -10.57	18.06 0.42 -8.62	17.98 0.45 -8.52	17.75 0.41 -9.06	18.12 0.47 -8.48	19.80 0.55 -9.13	24.88 0.86 -9.60	26.26 1.12 -4.78	22.20 1.59 -0.23	20.98 1.45 0.00	20.71 1.28 0.00	19.78 1.27 -0.17	19.75 1.33 0.00	20.97 1.12 -3.68	21.11 1.12 -4.02	21.64 1.09 -4.69	22.43 1.12 -5.26	24.24 1.55 -2.25	29.72 1.87 -4.82	29.73 2.33 0.00	31.57 2.42 -1.71	28.23 2.19 0.00	22.75 1.65 0.00	20.40 1.41 0.00
IP___TICONDEROGA 23804	20.32 0.83 -10.56	18.42 0.80 -8.61	18.36 0.85 -8.51	18.11 0.78 -9.05	18.52 0.88 -8.47	20.25 1.01 -9.12	25.66 1.66 -9.59	27.18 2.06 -4.77	23.02 2.40 -0.23	21.73 2.19 0.00	21.41 1.98 0.00	20.42 1.91 -0.17	20.39 1.97 0.00	21.53 1.68 -3.68	21.71 1.72 -4.02	22.20 1.67 -4.68	23.03 1.73 -5.26	25.04 2.35 -2.25	30.72 2.88 -4.80	31.07 3.67 0.00	33.05 3.90 -1.70	29.56 3.52 0.00	23.70 2.60 0.00	21.18 2.18 0.00
ISLIP_RES_REC 323679	24.73 0.95 -14.84	21.74 0.93 -11.79	19.85 0.93 -9.91	19.22 0.87 -10.07	20.03 0.92 -9.94	21.65 1.00 -10.53	28.29 1.47 -12.40	28.55 2.18 -6.01	28.38 1.77 -6.23	23.54 1.56 -2.44	25.36 1.61 -4.32	25.34 1.65 -5.35	25.45 1.81 -5.23	26.52 1.49 -8.86	28.03 1.63 -10.44	28.18 1.76 -10.56	30.62 1.76 -12.81	41.40 2.39 -18.57	44.83 2.60 -19.20	39.36 3.07 -8.89	39.34 2.94 -8.95	34.95 2.48 -6.43	27.84 1.96 -4.77	24.67 1.86 -3.81
JAMAICA___27_KV_LOAD 355505	17.76 0.85 -7.98	16.30 0.78 -6.51	16.21 0.77 -6.43	15.86 0.74 -6.84	16.31 0.73 -6.40	17.84 0.83 -6.89	22.96 1.30 -7.25	25.85 1.89 -3.60	22.49 1.94 -0.18	21.26 1.72 0.00	21.06 1.63 0.00	20.20 1.72 -0.13	20.13 1.71 0.00	20.49 1.54 -2.78	20.57 1.56 -3.04	21.02 1.62 -3.54	21.58 1.56 -3.98	24.44 2.06 -1.94	29.61 2.19 -4.39	29.95 2.55 0.00	30.47 2.44 -0.58	28.23 2.19 0.00	22.82 1.71 0.00	20.70 1.71 0.00
JANIS___SOLAR 323808	11.65 0.49 -2.23	11.33 0.50 -1.82	11.30 0.49 -1.80	10.65 0.46 -1.91	11.48 0.52 -1.79	12.64 0.60 -1.93	17.33 0.89 -2.02	22.34 0.98 -1.01	21.16 0.73 -0.05	20.22 0.68 0.00	19.99 0.56 0.00	18.77 0.39 -0.04	18.81 0.39 0.00	17.26 0.31 -0.78	17.11 0.29 -0.86	17.17 0.32 -1.00	17.59 0.43 -1.12	21.66 0.72 -0.50	25.13 0.99 -1.10	28.85 1.45 0.00	29.41 1.76 -0.20	27.66 1.62 0.00	22.35 1.25 0.00	20.11 1.12 0.00
JARVIS____ 23743	8.98 0.04 0.00	9.06 0.05 0.00	9.05 0.05 0.00	8.32 0.04 0.00	9.22 0.05 0.00	10.17 0.05 0.00	14.50 0.09 0.00	20.44 0.08 0.00	20.46 0.08 0.00	19.62 0.08 0.00	19.50 0.08 0.00	18.42 0.07 0.00	18.50 0.07 0.00	16.24 0.06 0.00	16.02 0.05 0.00	15.91 0.05 0.00	16.09 0.05 0.00	20.52 0.08 0.00	23.13 0.09 0.00	27.54 0.14 0.00	27.59 0.14 0.00	26.18 0.13 0.00	21.21 0.11 0.00	19.09 0.10 0.00
JENNISON___1 23625	12.26 0.52 -2.80	11.82 0.52 -2.29	11.79 0.52 -2.26	11.16 0.47 -2.40	11.97 0.55 -2.25	13.16 0.62 -2.42	17.90 0.94 -2.55	22.72 1.10 -1.27	21.36 0.92 -0.06	20.46 0.92 0.00	20.32 0.89 0.00	19.09 0.70 -0.05	19.12 0.70 0.00	17.75 0.60 -0.98	17.60 0.56 -1.07	17.69 0.59 -1.25	18.08 0.64 -1.40	22.01 0.94 -0.63	25.59 1.17 -1.38	28.99 1.59 0.00	29.44 1.70 -0.28	27.74 1.69 0.00	22.44 1.33 0.00	20.21 1.22 0.00
JENNISON___2 23626	12.26 0.52 -2.80	11.82 0.52 -2.29	11.79 0.52 -2.26	11.16 0.47 -2.40	11.97 0.55 -2.25	13.16 0.62 -2.42	17.90 0.94 -2.55	22.72 1.10 -1.27	21.36 0.92 -0.06	20.46 0.92 0.00	20.32 0.89 0.00	19.09 0.70 -0.05	19.12 0.70 0.00	17.75 0.60 -0.98	17.60 0.56 -1.07	17.69 0.59 -1.25	18.08 0.64 -1.40	22.01 0.94 -0.63	25.59 1.17 -1.38	28.99 1.59 0.00	29.44 1.70 -0.28	27.74 1.69 0.00	22.44 1.33 0.00	20.21 1.22 0.00

JERICO_RISE_WT_PWR 323719	8.67 -0.27 0.00	8.79 -0.23 0.00	8.78 -0.22 0.00	8.05 -0.23 0.00	8.95 -0.22 0.00	9.90 -0.21 0.00	14.11 -0.30 0.00	20.23 -0.12 0.00	20.17 -0.20 0.00	19.28 -0.25 0.00	19.04 -0.39 0.00	17.89 -0.46 0.00	17.94 -0.48 0.00	15.70 -0.47 0.00	15.57 -0.40 0.00	15.46 -0.40 0.00	15.72 -0.32 0.00	20.07 -0.37 0.00	22.76 -0.28 0.00	27.05 -0.36 0.00	27.09 -0.36 0.00	25.70 -0.34 0.00	20.86 -0.25 0.00	18.77 -0.23 0.00
KATONAH__115KV_46KV_TB4 355592	17.74 0.72 -8.08	16.31 0.71 -6.59	16.22 0.70 -6.52	15.86 0.65 -6.93	16.34 0.69 -6.48	17.84 0.74 -6.98	22.91 1.15 -7.34	25.63 1.63 -3.64	22.17 1.61 -0.18	20.92 1.39 0.00	20.82 1.40 0.00	19.90 1.43 -0.13	19.88 1.46 0.00	20.34 1.36 -2.81	20.39 1.34 -3.08	20.81 1.36 -3.59	21.39 1.32 -4.03	24.12 1.72 -1.96	29.41 1.93 -4.44	29.68 2.27 0.00	30.23 2.20 -0.59	28.02 1.98 0.00	22.56 1.46 0.00	20.40 1.41 0.00
KCE_NY_1 323755	19.98 0.51 -10.53	18.11 0.51 -8.59	18.03 0.53 -8.49	17.80 0.49 -9.03	18.17 0.55 -8.45	19.83 0.62 -9.10	24.90 0.92 -9.56	26.32 1.20 -4.76	21.96 1.34 -0.23	20.75 1.21 0.00	20.57 1.15 0.00	19.65 1.14 -0.17	19.60 1.18 0.00	20.85 1.00 -3.67	20.99 1.01 -4.02	21.53 0.98 -4.68	22.30 0.99 -5.26	24.02 1.33 -2.25	29.41 1.57 -4.80	29.32 1.92 0.00	31.11 1.98 -1.68	27.84 1.80 0.00	22.50 1.39 0.00	20.21 1.22 0.00
KCE_NY_6_ESR 323823	10.35 -0.01 -1.43	10.17 -0.01 -1.16	10.17 0.01 -1.15	9.51 0.01 -1.22	10.29 -0.03 -1.14	11.28 -0.07 -1.23	15.51 -0.20 -1.30	20.10 -0.90 -0.64	19.78 -0.63 -0.03	19.26 -0.27 0.00	19.15 -0.27 0.00	18.04 -0.33 -0.02	18.15 -0.28 0.00	16.26 -0.40 -0.49	16.12 -0.38 -0.54	16.06 -0.43 -0.63	16.25 -0.50 -0.71	20.14 -0.61 -0.32	23.02 -0.71 -0.70	26.66 -0.74 0.00	27.33 -0.22 -0.10	25.55 -0.50 0.00	21.09 -0.02 0.00	19.01 0.02 0.00
KEDC_PORT_JEFF_GT2 24210	24.69 0.91 -14.84	21.71 0.90 -11.79	19.82 0.90 -9.91	19.20 0.84 -10.07	20.00 0.89 -9.94	21.62 0.97 -10.53	28.23 1.41 -12.40	28.42 2.06 -6.01	28.33 1.71 -6.24	23.49 1.50 -2.45	25.31 1.55 -4.33	25.30 1.60 -5.36	25.39 1.73 -5.24	26.48 1.44 -8.87	27.95 1.53 -10.45	28.08 1.66 -10.56	30.52 1.67 -12.81	41.26 2.25 -18.57	44.60 2.37 -19.20	39.06 2.77 -8.89	39.06 2.66 -8.95	34.82 2.34 -6.43	27.74 1.86 -4.77	24.59 1.78 -3.81
KEDC_PORT_JEFF_GT3 24211	24.69 0.91 -14.84	21.71 0.90 -11.79	19.82 0.90 -9.91	19.20 0.84 -10.07	20.00 0.89 -9.94	21.62 0.97 -10.53	28.23 1.41 -12.40	28.42 2.06 -6.01	28.33 1.71 -6.24	23.49 1.50 -2.45	25.31 1.55 -4.33	25.30 1.60 -5.36	25.39 1.73 -5.24	26.48 1.44 -8.87	27.95 1.53 -10.45	28.08 1.66 -10.56	30.52 1.67 -12.81	41.26 2.25 -18.57	44.60 2.37 -19.20	39.06 2.77 -8.89	39.06 2.66 -8.95	34.82 2.34 -6.43	27.74 1.86 -4.77	24.59 1.78 -3.81
KEDC_GLWD_GT4 24219	24.64 0.86 -14.84	21.64 0.83 -11.79	19.73 0.81 -9.91	19.12 0.76 -10.07	19.91 0.80 -9.94	21.53 0.88 -10.53	28.13 1.31 -12.40	28.26 1.89 -6.01	26.82 1.81 -4.63	22.97 1.64 -1.80	24.33 1.73 -3.18	24.05 1.74 -3.97	24.03 1.77 -3.84	25.01 1.59 -7.25	26.04 1.60 -8.48	28.08 1.66 -10.56	30.47 1.62 -12.81	40.97 1.96 -18.57	44.35 2.12 -19.20	38.76 2.47 -8.89	38.73 2.33 -8.95	34.77 2.29 -6.43	27.65 1.77 -4.77	24.52 1.71 -3.81
KEDC_GLWD_GT5 24220	24.64 0.86 -14.84	21.64 0.83 -11.79	19.73 0.81 -9.91	19.12 0.76 -10.07	19.91 0.80 -9.94	21.53 0.88 -10.53	28.13 1.31 -12.40	28.26 1.89 -6.01	26.82 1.81 -4.63	22.97 1.64 -1.80	24.33 1.73 -3.18	24.05 1.74 -3.97	24.03 1.77 -3.84	25.01 1.59 -7.25	26.04 1.60 -8.48	28.08 1.66 -10.56	30.47 1.62 -12.81	40.97 1.96 -18.57	44.35 2.12 -19.20	38.76 2.47 -8.89	38.73 2.33 -8.95	34.77 2.29 -6.43	27.65 1.77 -4.77	24.52 1.71 -3.81
KENSICO____ 23655	17.62 0.72 -7.96	16.20 0.69 -6.49	16.11 0.68 -6.42	15.75 0.65 -6.83	16.22 0.66 -6.39	17.73 0.73 -6.88	22.76 1.11 -7.23	25.53 1.59 -3.59	22.16 1.61 -0.18	20.98 1.45 0.00	20.86 1.44 0.00	19.99 1.52 -0.13	19.93 1.51 0.00	20.32 1.37 -2.77	20.38 1.37 -3.04	20.81 1.41 -3.54	21.38 1.36 -3.97	24.15 1.78 -1.93	29.35 1.93 -4.38	29.62 2.22 0.00	30.17 2.14 -0.58	27.97 1.93 0.00	22.56 1.46 0.00	20.44 1.44 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	17.13 0.73 -7.47	15.78 0.68 -6.09	15.68 0.66 -6.02	15.30 0.62 -6.40	15.81 0.65 -5.99	17.28 0.71 -6.45	22.32 1.12 -6.78	25.25 1.53 -3.37	22.03 1.49 -0.16	20.81 1.27 0.00	20.73 1.30 0.00	19.80 1.34 -0.12	19.71 1.29 0.00	20.00 1.23 -2.60	19.88 1.07 -2.85	20.32 1.14 -3.32	20.92 1.15 -3.72	23.76 1.55 -1.77	28.73 1.73 -3.97	29.38 1.97 0.00	30.33 2.31 -0.58	28.13 2.08 0.00	22.56 1.46 0.00	20.40 1.41 0.00
KIAC_JFK_GT1 23816	17.71 0.80 -7.98	16.25 0.73 -6.51	16.15 0.71 -6.43	15.81 0.69 -6.84	16.26 0.69 -6.40	17.78 0.77 -6.89	22.87 1.21 -7.25	25.74 1.79 -3.60	22.37 1.81 -0.18	21.16 1.62 0.00	20.94 1.52 0.00	20.09 1.61 -0.13	20.04 1.62 0.00	20.39 1.44 -2.78	20.49 1.48 -3.04	20.94 1.54 -3.54	21.50 1.48 -3.98	24.32 1.94 -1.94	29.50 2.07 -4.39	29.79 2.38 0.00	30.31 2.28 -0.58	28.05 2.01 0.00	22.69 1.58 0.00	20.59 1.60 0.00
KIAC_JFK_GT2 23817	17.71 0.80 -7.98	16.25 0.73 -6.51	16.15 0.71 -6.43	15.81 0.69 -6.84	16.26 0.69 -6.40	17.78 0.77 -6.89	22.87 1.21 -7.25	25.74 1.79 -3.60	22.37 1.81 -0.18	21.16 1.62 0.00	20.94 1.52 0.00	20.09 1.61 -0.13	20.04 1.62 0.00	20.39 1.44 -2.78	20.49 1.48 -3.04	20.94 1.54 -3.54	21.50 1.48 -3.98	24.32 1.94 -1.94	29.50 2.07 -4.39	29.79 2.38 0.00	30.31 2.28 -0.58	28.05 2.01 0.00	22.69 1.58 0.00	20.59 1.60 0.00
KIAC_JFK____ 323774	17.71 0.79 -7.98	16.25 0.73 -6.51	16.15 0.71 -6.43	15.81 0.69 -6.84	16.26 0.69 -6.40	17.78 0.77 -6.89	22.87 1.21 -7.25	25.75 1.79 -3.60	22.37 1.81 -0.18	21.16 1.62 0.00	21.02 1.59 0.00	20.09 1.61 -0.13	20.04 1.62 0.00	20.39 1.44 -2.78	20.49 1.49 -3.04	20.94 1.54 -3.54	21.49 1.47 -3.98	24.32 1.94 -1.94	29.50 2.07 -4.39	29.79 2.38 0.00	30.28 2.25 -0.58	28.05 2.01 0.00	22.69 1.58 0.00	20.57 1.58 0.00
KINTIGH____ 23543	10.06 -0.03 -1.15	9.93 -0.02 -0.94	9.92 -0.02 -0.93	9.26 -0.01 -0.99	10.05 -0.05 -0.92	11.01 -0.10 -0.99	15.21 -0.25 -1.04	19.95 -0.92 -0.51	19.61 -0.79 -0.03	19.03 -0.51 0.00	19.15 -0.27 0.00	17.83 -0.53 -0.02	17.98 -0.44 0.00	16.15 -0.42 -0.40	16.00 -0.40 -0.44	15.96 -0.41 -0.51	16.13 -0.48 -0.57	20.10 -0.59 -0.26	22.86 -0.74 -0.56	26.42 -0.99 0.00	26.16 -1.37 -0.08	25.16 -0.89 0.00	20.75 -0.36 0.00	18.69 -0.30 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	8.77 -0.17 0.00	8.89 -0.13 0.00	8.87 -0.14 0.00	8.14 -0.14 0.00	9.05 -0.12 0.00	10.04 -0.08 0.00	14.30 -0.12 0.00	20.54 0.18 0.00	20.50 0.12 0.00	19.58 0.04 0.00	19.29 -0.14 0.00	18.12 -0.22 0.00	18.16 -0.26 0.00	15.88 -0.29 0.00	15.74 -0.22 0.00	15.64 -0.22 0.00	15.93 -0.11 0.00	20.36 -0.08 0.00	23.10 0.07 0.00	27.46 0.05 0.00	27.64 0.19 0.00	26.10 0.05 0.00	21.15 0.04 0.00	19.03 0.04 0.00

LACHUTE____HYDRO 323717	20.32 0.83 -10.56	18.42 0.80 -8.61	18.36 0.85 -8.51	18.11 0.78 -9.05	18.52 0.88 -8.47	20.25 1.01 -9.12	25.66 1.66 -9.59	27.18 2.06 -4.77	23.01 2.40 -0.23	21.73 2.19 0.00	21.43 2.00 0.00	20.42 1.91 -0.17	20.39 1.97 0.00	21.53 1.68 -3.68	21.72 1.72 -4.03	22.22 1.66 -4.69	23.05 1.73 -5.27	25.05 2.35 -2.26	30.76 2.90 -4.83	31.08 3.67 0.00	33.07 3.93 -1.70	29.56 3.51 0.00	23.70 2.60 0.00	21.18 2.18 0.00
LAWRNCAV_115KV_TB1 80681	8.64 -0.29 0.00	8.73 -0.28 0.00	8.73 -0.28 0.00	8.02 -0.26 0.00	8.89 -0.28 0.00	9.79 -0.32 0.00	13.85 -0.56 0.00	19.68 -0.67 0.00	19.56 -0.82 0.00	18.72 -0.82 0.00	18.53 -0.89 0.00	17.45 -0.90 0.00	17.46 -0.96 0.00	15.28 -0.89 0.00	15.07 -0.89 0.00	14.95 -0.90 0.00	15.17 -0.87 0.00	19.38 -1.06 0.00	21.93 -1.11 0.00	26.09 -1.32 0.00	26.52 -0.93 0.00	25.29 -0.76 0.00	20.58 -0.53 0.00	18.50 -0.49 0.00
LEDERLE____ 23769	17.33 0.72 -7.67	15.96 0.69 -6.25	15.86 0.68 -6.18	15.49 0.64 -6.57	15.99 0.67 -6.15	17.47 0.73 -6.63	22.49 1.11 -6.96	25.38 1.57 -3.46	22.16 1.61 -0.17	20.98 1.45 0.00	20.86 1.44 0.00	19.97 1.50 -0.12	19.91 1.49 0.00	20.20 1.36 -2.67	20.25 1.36 -2.92	20.64 1.38 -3.41	21.23 1.36 -3.83	24.08 1.78 -1.86	29.17 1.93 -4.20	29.62 2.22 0.00	30.20 2.20 -0.56	28.02 1.98 0.00	22.58 1.48 0.00	20.44 1.44 0.00
LIGHTHSE_115KV_TB6 355974	9.55 0.02 -0.60	9.53 0.03 -0.49	9.52 0.04 -0.48	8.83 0.03 -0.51	9.70 0.05 -0.48	10.69 0.05 -0.52	15.06 0.10 -0.54	20.63 0.00 -0.27	20.29 -0.10 -0.01	19.52 -0.02 0.00	19.43 0.00 0.00	18.24 -0.11 -0.01	18.31 -0.11 0.00	16.26 -0.13 -0.21	16.06 -0.14 -0.23	16.00 -0.13 -0.27	16.20 -0.14 -0.30	20.45 -0.12 -0.13	23.24 -0.09 -0.29	27.37 -0.03 0.00	27.51 0.05 0.00	26.23 0.18 0.00	21.23 0.13 0.00	19.09 0.09 0.00
LINDEN COGEN____ 23786	17.71 0.79 -7.98	16.27 0.75 -6.51	16.17 0.73 -6.43	15.82 0.70 -6.84	16.27 0.70 -6.40	17.79 0.78 -6.89	22.84 1.18 -7.25	25.66 1.71 -3.60	22.33 1.77 -0.18	21.14 1.60 0.00	21.10 1.67 0.00	20.16 1.69 -0.13	20.06 1.64 0.00	20.47 1.52 -2.78	20.52 1.52 -3.04	20.97 1.57 -3.54	21.53 1.51 -3.98	24.34 1.96 -1.94	29.47 2.05 -4.39	29.70 2.30 0.00	30.20 2.17 -0.58	28.02 1.98 0.00	22.61 1.50 0.00	20.53 1.54 0.00
LINDHRST_69_KV_BK1 356055	24.74 0.97 -14.84	21.75 0.94 -11.79	19.84 0.92 -9.91	19.22 0.87 -10.07	20.02 0.91 -9.94	21.65 1.00 -10.53	28.31 1.50 -12.40	28.55 2.18 -6.01	28.28 1.87 -6.03	23.58 1.68 -2.36	25.29 1.69 -4.18	25.30 1.78 -5.17	25.37 1.90 -5.05	26.43 1.60 -8.65	27.84 1.68 -10.19	28.20 1.78 -10.56	30.62 1.76 -12.82	41.36 2.35 -18.57	44.84 2.60 -19.20	39.36 3.07 -8.89	39.28 2.88 -8.95	35.06 2.58 -6.43	27.88 2.01 -4.77	24.76 1.96 -3.81
LIPA_MISC_IPP 23656	24.62 0.84 -14.84	21.65 0.84 -11.79	19.74 0.82 -9.91	19.14 0.79 -10.07	19.93 0.83 -9.94	21.55 0.90 -10.53	28.11 1.30 -12.40	28.20 1.83 -6.01	28.11 1.49 -6.25	23.28 1.29 -2.45	25.02 1.26 -4.33	25.10 1.39 -5.36	25.16 1.49 -5.24	26.33 1.28 -8.88	27.77 1.34 -10.46	27.90 1.47 -10.56	30.35 1.49 -12.82	41.00 1.98 -18.57	44.44 2.21 -19.20	38.90 2.60 -8.89	38.84 2.44 -8.95	34.64 2.16 -6.43	27.55 1.67 -4.77	24.44 1.63 -3.81
LISF____SOLAR 323691	24.63 0.85 -14.84	21.66 0.85 -11.79	19.77 0.85 -9.91	19.16 0.80 -10.07	19.94 0.83 -9.94	21.56 0.91 -10.53	28.13 1.31 -12.40	28.20 1.83 -6.01	28.13 1.51 -6.24	23.30 1.31 -2.45	25.10 1.34 -4.33	25.10 1.39 -5.36	25.14 1.47 -5.24	26.34 1.29 -8.87	27.77 1.34 -10.46	27.90 1.48 -10.56	30.34 1.49 -12.81	41.06 2.04 -18.57	44.44 2.21 -19.20	38.90 2.60 -8.89	38.87 2.47 -8.95	34.61 2.14 -6.43	27.59 1.71 -4.77	24.44 1.63 -3.81
LITTLE FALLS____HYD 24013	8.94 0.01 0.00	9.01 0.00 0.00	9.01 0.01 0.00	8.29 0.01 0.00	9.20 0.03 0.00	10.16 0.04 0.00	14.49 0.07 0.00	20.32 -0.04 0.00	20.42 0.04 0.00	19.54 0.00 0.00	19.43 0.00 0.00	18.33 -0.02 0.00	18.29 -0.13 0.00	16.13 -0.05 0.00	15.82 -0.14 0.00	15.73 -0.13 0.00	15.93 -0.11 0.00	20.28 -0.16 0.00	22.90 -0.14 0.00	27.27 -0.14 0.00	27.51 0.05 0.00	26.17 0.13 0.00	21.21 0.11 0.00	19.13 0.13 0.00
LITTLRIV_115KV_TB1 356100	8.69 -0.25 0.00	8.78 -0.23 0.00	8.77 -0.23 0.00	8.06 -0.22 0.00	8.96 -0.21 0.00	9.86 -0.25 0.00	13.97 -0.45 0.00	19.85 -0.51 0.00	19.66 -0.71 0.00	18.81 -0.72 0.00	18.63 -0.80 0.00	17.52 -0.83 0.00	17.52 -0.90 0.00	15.35 -0.82 0.00	15.12 -0.85 0.00	15.00 -0.86 0.00	15.24 -0.80 0.00	19.46 -0.98 0.00	22.07 -0.97 0.00	26.28 -1.12 0.00	26.74 -0.71 0.00	25.50 -0.55 0.00	20.73 -0.38 0.00	18.63 -0.36 0.00
LI_NEWBRDGE____DRP 323616	24.63 0.85 -14.84	21.63 0.82 -11.79	19.73 0.81 -9.91	19.12 0.76 -10.07	19.91 0.80 -9.94	21.53 0.88 -10.53	28.13 1.31 -12.40	28.26 1.89 -6.01	28.45 1.69 -6.38	23.54 1.50 -2.50	25.37 1.52 -4.43	25.43 1.61 -5.47	25.47 1.69 -5.36	26.64 1.46 -9.01	28.09 1.50 -10.62	28.01 1.59 -10.56	30.39 1.54 -12.82	41.04 2.02 -18.57	44.44 2.21 -19.20	38.87 2.58 -8.89	38.84 2.44 -8.95	34.67 2.19 -6.43	27.61 1.73 -4.77	24.52 1.71 -3.81
LOCKPORT_115KV_TB60_63_64 80432	10.11 -0.10 -1.27	9.96 -0.09 -1.04	9.95 -0.08 -1.02	9.30 -0.07 -1.09	10.07 -0.12 -1.02	11.03 -0.18 -1.10	15.15 -0.42 -1.15	19.64 -1.28 -0.57	19.33 -1.08 -0.03	18.81 -0.72 0.00	18.96 -0.47 0.00	17.61 -0.75 -0.02	17.76 -0.66 0.00	15.95 -0.66 -0.44	15.79 -0.65 -0.48	15.75 -0.67 -0.56	15.92 -0.75 -0.63	19.78 -0.94 -0.28	22.52 -1.13 -0.62	26.06 -1.34 0.00	25.75 -1.78 -0.09	24.90 -1.15 0.00	20.62 -0.49 0.00	18.58 -0.42 0.00
LOCKPORT____CC1 323769	10.13 -0.09 -1.28	9.98 -0.08 -1.04	9.97 -0.07 -1.03	9.32 -0.06 -1.10	10.09 -0.11 -1.03	11.04 -0.18 -1.11	15.17 -0.40 -1.16	19.67 -1.26 -0.57	19.37 -1.04 -0.03	18.85 -0.68 0.00	18.74 -0.68 0.00	17.67 -0.70 -0.02	17.79 -0.63 0.00	15.97 -0.65 -0.44	15.83 -0.62 -0.49	15.79 -0.63 -0.57	15.95 -0.72 -0.63	19.81 -0.92 -0.29	22.58 -1.08 -0.63	26.09 -1.31 0.00	26.77 -0.77 -0.09	24.95 -1.09 0.00	20.64 -0.46 0.00	18.61 -0.38 0.00
LOCKPORT____CC2 323770	10.13 -0.09 -1.28	9.98 -0.08 -1.04	9.97 -0.07 -1.03	9.32 -0.06 -1.10	10.09 -0.11 -1.03	11.04 -0.18 -1.11	15.17 -0.40 -1.16	19.67 -1.26 -0.57	19.37 -1.04 -0.03	18.85 -0.68 0.00	18.74 -0.68 0.00	17.67 -0.70 -0.02	17.79 -0.63 0.00	15.97 -0.65 -0.44	15.83 -0.62 -0.49	15.79 -0.63 -0.57	15.95 -0.72 -0.63	19.81 -0.92 -0.29	22.58 -1.08 -0.63	26.09 -1.31 0.00	26.77 -0.77 -0.09	24.95 -1.09 0.00	20.64 -0.46 0.00	18.61 -0.38 0.00
LOCKPORT____CC3 323771	10.13 -0.09 -1.28	9.98 -0.08 -1.04	9.97 -0.07 -1.03	9.32 -0.06 -1.10	10.09 -0.11 -1.03	11.04 -0.18 -1.11	15.17 -0.40 -1.16	19.67 -1.26 -0.57	19.37 -1.04 -0.03	18.85 -0.68 0.00	18.74 -0.68 0.00	17.67 -0.70 -0.02	17.79 -0.63 0.00	15.97 -0.65 -0.44	15.83 -0.62 -0.49	15.79 -0.63 -0.57	15.95 -0.72 -0.63	19.81 -0.92 -0.29	22.58 -1.08 -0.63	26.09 -1.31 0.00	26.77 -0.77 -0.09	24.95 -1.09 0.00	20.64 -0.46 0.00	18.61 -0.38 0.00

LONG_LAKE_PHOENIX 24014	9.60 0.00 -0.67	9.56 0.00 -0.55	9.55 0.00 -0.54	8.86 0.01 -0.57	9.71 0.00 -0.54	10.69 0.00 -0.58	15.04 0.01 -0.61	20.56 -0.10 -0.30	20.29 -0.10 -0.01	19.50 -0.04 0.00	19.43 0.00 0.00	18.28 -0.07 -0.01	18.35 -0.07 0.00	16.35 -0.06 -0.24	16.16 -0.06 -0.26	16.08 -0.08 -0.30	16.28 -0.10 -0.34	20.49 -0.10 -0.15	23.27 -0.09 -0.33	27.32 -0.08 0.00	27.40 -0.05 0.00	26.04 0.00 0.00	21.09 -0.02 0.00	18.96 -0.04 0.00
LOVETT___3 23632	17.33 0.69 -7.70	15.95 0.66 -6.28	15.86 0.64 -6.21	15.49 0.60 -6.60	15.98 0.63 -6.18	17.46 0.69 -6.66	22.46 1.05 -7.00	25.31 1.49 -3.47	22.08 1.53 -0.17	20.89 1.35 0.00	20.78 1.36 0.00	19.90 1.43 -0.12	19.84 1.42 0.00	20.15 1.29 -2.68	20.20 1.29 -2.94	20.60 1.32 -3.42	21.17 1.28 -3.84	23.98 1.68 -1.87	29.08 1.82 -4.22	29.48 2.08 0.00	30.07 2.06 -0.56	27.87 1.82 0.00	22.48 1.37 0.00	20.36 1.37 0.00
LOVETT___4 23642	17.33 0.69 -7.70	15.95 0.66 -6.28	15.86 0.64 -6.21	15.49 0.60 -6.60	15.98 0.63 -6.18	17.46 0.69 -6.66	22.46 1.05 -7.00	25.31 1.49 -3.47	22.08 1.53 -0.17	20.89 1.35 0.00	20.78 1.36 0.00	19.90 1.43 -0.12	19.84 1.42 0.00	20.15 1.29 -2.68	20.20 1.29 -2.94	20.60 1.32 -3.42	21.17 1.28 -3.84	23.98 1.68 -1.87	29.08 1.82 -4.22	29.48 2.08 0.00	30.07 2.06 -0.56	27.87 1.82 0.00	22.48 1.37 0.00	20.36 1.37 0.00
LOVETT___5 23593	17.33 0.69 -7.70	15.95 0.66 -6.28	15.86 0.64 -6.21	15.49 0.60 -6.60	15.98 0.63 -6.18	17.46 0.69 -6.66	22.46 1.05 -7.00	25.31 1.49 -3.47	22.08 1.53 -0.17	20.89 1.35 0.00	20.78 1.36 0.00	19.90 1.43 -0.12	19.84 1.42 0.00	20.15 1.29 -2.68	20.20 1.29 -2.94	20.60 1.32 -3.42	21.17 1.28 -3.84	23.98 1.68 -1.87	29.08 1.82 -4.22	29.48 2.08 0.00	30.07 2.06 -0.56	27.87 1.82 0.00	22.48 1.37 0.00	20.36 1.37 0.00
LOWER RAQUET___HYD 24057	8.63 -0.30 0.00	8.73 -0.29 0.00	8.73 -0.28 0.00	8.01 -0.27 0.00	8.90 -0.27 0.00	9.78 -0.33 0.00	13.82 -0.59 0.00	19.62 -0.73 0.00	19.48 -0.90 0.00	18.62 -0.92 0.00	18.44 -0.99 0.00	17.34 -1.01 0.00	17.35 -1.07 0.00	15.17 -1.00 0.00	14.96 -1.01 0.00	14.84 -1.02 0.00	15.08 -0.96 0.00	19.25 -1.19 0.00	21.81 -1.22 0.00	25.95 -1.45 0.00	26.22 -1.23 0.00	25.26 -0.78 0.00	20.56 -0.55 0.00	18.48 -0.51 0.00
LOWER___HUDSON 24059	19.65 0.43 -10.29	17.84 0.44 -8.39	17.75 0.45 -8.30	17.50 0.41 -8.82	17.89 0.47 -8.25	19.52 0.52 -8.89	24.48 0.72 -9.34	25.94 0.94 -4.64	21.66 1.06 -0.23	20.49 0.96 0.00	20.34 0.91 0.00	19.46 0.95 -0.17	19.38 0.96 0.00	20.57 0.81 -3.58	20.67 0.78 -3.92	21.19 0.76 -4.57	21.96 0.79 -5.14	23.61 1.00 -2.17	28.78 1.15 -4.59	28.80 1.40 0.00	30.33 1.37 -1.51	27.32 1.28 0.00	22.14 1.03 0.00	19.92 0.93 0.00
LOWVILLE_115KV_TB2 356335	9.28 0.04 -0.31	9.32 0.05 -0.25	9.38 0.13 -0.25	8.65 0.11 -0.26	9.57 0.16 -0.25	10.57 0.18 -0.27	14.97 0.27 -0.28	20.76 0.26 -0.14	20.49 0.10 -0.01	19.65 0.12 0.00	19.50 0.08 0.00	18.28 -0.07 -0.01	18.31 -0.11 0.00	16.08 -0.21 -0.11	15.82 -0.27 -0.12	15.76 -0.24 -0.14	16.01 -0.19 -0.16	20.47 -0.04 -0.07	23.28 0.09 -0.15	27.68 0.27 0.00	27.97 0.52 0.00	26.62 0.57 0.00	21.53 0.42 0.00	19.35 0.36 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	19.98 0.51 -10.53	18.11 0.51 -8.59	18.02 0.52 -8.49	17.79 0.48 -9.03	18.16 0.54 -8.45	19.83 0.62 -9.10	24.90 0.92 -9.56	26.32 1.20 -4.76	21.96 1.34 -0.23	20.75 1.21 0.00	20.55 1.13 0.00	19.65 1.14 -0.17	19.58 1.16 0.00	20.85 1.00 -3.67	20.97 0.99 -4.01	21.50 0.97 -4.67	22.28 0.99 -5.25	23.99 1.31 -2.24	29.36 1.54 -4.78	29.29 1.89 0.00	31.08 1.95 -1.68	27.82 1.77 0.00	22.48 1.37 0.00	20.19 1.20 0.00
LUTHERNY_35_KV_BK2 355980	19.98 0.51 -10.53	18.11 0.51 -8.59	18.03 0.53 -8.49	17.80 0.49 -9.03	18.17 0.55 -8.45	19.83 0.62 -9.10	24.90 0.92 -9.56	26.32 1.20 -4.76	21.96 1.34 -0.23	20.75 1.21 0.00	20.55 1.13 0.00	19.65 1.14 -0.17	19.60 1.18 0.00	20.85 1.00 -3.67	20.98 1.01 -4.01	21.51 0.98 -4.67	22.28 0.99 -5.25	24.01 1.33 -2.24	29.38 1.57 -4.78	29.32 1.92 0.00	31.08 1.95 -1.68	27.84 1.80 0.00	22.50 1.39 0.00	20.19 1.20 0.00
LWR___OSWEGATCHIE_HYD 23850	9.01 -0.15 -0.23	9.06 -0.14 -0.18	9.09 -0.10 -0.18	8.37 -0.11 -0.19	9.27 -0.08 -0.18	10.21 -0.10 -0.20	14.43 -0.19 -0.21	20.17 -0.28 -0.10	19.89 -0.49 -0.01	19.05 -0.49 0.00	18.88 -0.54 0.00	17.72 -0.62 0.00	17.76 -0.66 0.00	15.59 -0.66 -0.08	15.37 -0.69 -0.09	15.28 -0.68 -0.10	15.53 -0.63 -0.12	19.80 -0.69 -0.05	22.50 -0.64 -0.11	26.72 -0.69 0.00	27.09 -0.36 0.00	25.86 -0.18 0.00	21.00 -0.11 0.00	18.88 -0.11 0.00
LYONS_FALL_HYD 23570	9.33 0.10 -0.29	9.36 0.11 -0.24	9.40 0.16 -0.24	8.67 0.14 -0.25	9.59 0.18 -0.24	10.58 0.21 -0.25	15.00 0.32 -0.27	20.81 0.32 -0.13	20.63 0.25 -0.01	19.79 0.25 0.00	19.66 0.23 0.00	18.44 0.09 -0.01	18.48 0.06 0.00	16.28 0.00 -0.11	16.02 -0.06 -0.12	15.95 -0.05 -0.14	16.20 0.00 -0.16	20.61 0.10 -0.07	23.42 0.23 -0.15	27.79 0.38 0.00	28.00 0.55 0.00	26.67 0.62 0.00	21.59 0.49 0.00	19.41 0.42 0.00
MADISON___COUNTY_LFGE 323628	9.68 0.25 -0.50	9.67 0.25 -0.41	9.67 0.26 -0.40	8.94 0.23 -0.43	9.85 0.28 -0.40	10.86 0.31 -0.43	15.35 0.49 -0.45	21.09 0.51 -0.22	21.04 0.65 -0.01	20.20 0.66 0.00	20.11 0.68 0.00	18.83 0.48 -0.01	18.88 0.46 0.00	16.81 0.44 -0.20	16.54 0.35 -0.22	16.49 0.38 -0.26	16.76 0.43 -0.29	20.98 0.43 -0.11	23.83 0.55 -0.24	28.17 0.77 0.00	28.36 0.91 0.00	26.96 0.91 0.00	21.80 0.70 0.00	19.60 0.61 0.00
MALONE___115KV_TB1 356076	8.71 -0.22 0.00	8.83 -0.18 0.00	8.82 -0.19 0.00	8.09 -0.19 0.00	9.00 -0.17 0.00	9.96 -0.16 0.00	14.15 -0.26 0.00	20.27 -0.08 0.00	20.24 -0.14 0.00	19.32 -0.21 0.00	19.08 -0.35 0.00	17.92 -0.42 0.00	17.94 -0.48 0.00	15.70 -0.47 0.00	15.54 -0.43 0.00	15.43 -0.43 0.00	15.69 -0.35 0.00	20.05 -0.39 0.00	22.74 -0.30 0.00	27.02 -0.38 0.00	27.31 -0.14 0.00	25.84 -0.21 0.00	20.96 -0.15 0.00	18.86 -0.13 0.00
MAPLEWOD_115KV_TB3 80458	19.62 0.45 -10.24	17.82 0.46 -8.35	17.73 0.47 -8.26	17.49 0.43 -8.78	17.87 0.49 -8.22	19.49 0.53 -8.85	24.46 0.75 -9.30	25.95 0.98 -4.62	21.66 1.06 -0.23	20.48 0.94 0.00	20.30 0.87 0.00	19.44 0.94 -0.16	19.36 0.94 0.00	20.55 0.81 -3.57	20.70 0.81 -3.92	21.22 0.79 -4.56	21.97 0.80 -5.13	23.65 1.02 -2.19	28.89 1.17 -4.68	28.85 1.45 0.00	30.23 1.43 -1.36	27.35 1.30 0.00	22.16 1.06 0.00	19.92 0.93 0.00
MAPLE RIDGE_WT_1 323574	8.76 -0.18 0.00	8.85 -0.16 0.00	8.84 -0.16 0.00	8.14 -0.14 0.00	9.02 -0.15 0.00	9.97 -0.15 0.00	14.20 -0.22 0.00	20.11 -0.24 0.00	20.15 -0.22 0.00	19.30 -0.23 0.00	19.19 -0.23 0.00	18.11 -0.24 0.00	18.18 -0.24 0.00	15.96 -0.21 0.00	15.76 -0.21 0.00	15.64 -0.22 0.00	15.81 -0.22 0.00	20.15 -0.29 0.00	22.76 -0.28 0.00	27.10 -0.30 0.00	27.18 -0.27 0.00	25.81 -0.23 0.00	20.92 -0.19 0.00	18.82 -0.17 0.00

MAPLE_RIDGE_WT_2 323611	8.76 -0.18 0.00	8.85 -0.16 0.00	8.84 -0.16 0.00	8.14 -0.14 0.00	9.02 -0.15 0.00	9.97 -0.15 0.00	14.20 -0.22 0.00	20.11 -0.24 0.00	20.15 -0.22 0.00	19.30 -0.23 0.00	19.19 -0.23 0.00	18.11 -0.24 0.00	18.18 -0.24 0.00	15.96 -0.21 0.00	15.76 -0.21 0.00	15.64 -0.22 0.00	15.81 -0.22 0.00	20.15 -0.29 0.00	22.76 -0.28 0.00	27.10 -0.30 0.00	27.18 -0.27 0.00	25.81 -0.23 0.00	20.92 -0.19 0.00	18.82 -0.17 0.00
MARBLE_RIVER_WT_PWR 323696	8.69 -0.25 0.00	8.81 -0.21 0.00	8.80 -0.21 0.00	8.07 -0.21 0.00	8.97 -0.20 0.00	9.92 -0.19 0.00	14.14 -0.27 0.00	20.27 -0.08 0.00	20.24 -0.14 0.00	19.32 -0.21 0.00	19.08 -0.35 0.00	17.92 -0.42 0.00	17.98 -0.44 0.00	15.72 -0.45 0.00	15.60 -0.37 0.00	15.49 -0.36 0.00	15.75 -0.29 0.00	20.13 -0.31 0.00	22.83 -0.21 0.00	27.13 -0.27 0.00	27.20 -0.25 0.00	25.78 -0.26 0.00	20.92 -0.19 0.00	18.82 -0.17 0.00
MARSHVLE_115KV_TB1 80742	22.20 0.66 -12.61	19.94 0.65 -10.28	19.84 0.67 -10.17	19.70 0.61 -10.81	19.98 0.70 -10.12	21.82 0.81 -10.89	27.16 1.30 -11.45	27.74 1.69 -5.70	22.18 1.53 -0.28	20.92 1.39 0.00	20.67 1.24 0.00	19.70 1.16 -0.20	19.66 1.23 0.00	21.62 1.05 -4.39	21.85 1.09 -4.79	22.52 1.08 -5.58	23.45 1.14 -6.27	24.76 1.57 -2.75	30.91 1.93 -5.94	29.90 2.49 0.00	31.47 2.53 -1.49	28.31 2.27 0.00	22.77 1.67 0.00	20.46 1.46 0.00
MARSH_HILL_WT_PWR 323713	11.02 0.27 -1.82	10.78 0.28 -1.48	10.77 0.30 -1.46	10.12 0.28 -1.56	10.93 0.30 -1.46	12.02 0.33 -1.57	16.54 0.47 -1.65	21.43 0.31 -0.77	20.84 0.43 -0.04	20.18 0.64 0.00	20.01 0.58 0.00	18.81 0.44 -0.03	18.85 0.42 0.00	17.04 0.27 -0.60	16.89 0.27 -0.65	16.87 0.25 -0.76	17.12 0.22 -0.85	21.23 0.41 -0.38	24.36 0.48 -0.84	28.14 0.74 0.00	28.81 1.24 -0.13	27.03 0.99 0.00	22.08 0.97 0.00	19.87 0.87 0.00
MCINTYRE_115KV_TB2 80467	8.70 -0.23 0.00	8.80 -0.22 0.00	8.79 -0.22 0.00	8.06 -0.22 0.00	8.97 -0.20 0.00	9.89 -0.22 0.00	14.04 -0.37 0.00	19.99 -0.37 0.00	19.79 -0.59 0.00	18.93 -0.61 0.00	18.75 -0.68 0.00	17.65 -0.70 0.00	17.67 -0.76 0.00	15.48 -0.70 0.00	15.26 -0.70 0.00	15.15 -0.71 0.00	15.38 -0.66 0.00	19.64 -0.80 0.00	22.27 -0.76 0.00	26.53 -0.88 0.00	26.90 -0.55 0.00	25.58 -0.47 0.00	20.77 -0.34 0.00	18.67 -0.32 0.00
MECO____69_KV_BK1 80468	21.81 0.89 -11.98	19.66 0.87 -9.77	19.59 0.92 -9.66	19.40 0.84 -10.27	19.75 0.96 -9.62	21.59 1.12 -10.35	27.13 1.83 -10.88	27.85 2.08 -5.42	22.72 2.08 -0.27	21.39 1.86 0.00	20.98 1.55 0.00	19.99 1.45 -0.19	19.84 1.42 0.00	21.71 1.36 -4.18	21.81 1.29 -4.55	22.46 1.30 -5.31	23.39 1.40 -5.96	25.00 1.96 -2.60	31.02 2.37 -5.61	30.44 3.04 0.00	32.64 3.60 -1.59	29.25 3.20 0.00	23.41 2.30 0.00	20.93 1.94 0.00
MENANDS__115KV_TB5 355628	19.42 0.37 -10.11	17.65 0.39 -8.25	17.56 0.40 -8.16	17.31 0.36 -8.67	17.69 0.40 -8.12	19.29 0.44 -8.74	24.17 0.58 -9.18	25.67 0.75 -4.56	21.48 0.88 -0.22	20.30 0.76 0.00	20.16 0.74 0.00	19.30 0.79 -0.16	19.21 0.79 0.00	20.38 0.66 -3.54	20.55 0.69 -3.90	21.08 0.68 -4.54	21.81 0.67 -5.10	23.44 0.82 -2.18	28.64 0.94 -4.66	28.55 1.15 0.00	29.84 1.10 -1.29	27.03 0.99 0.00	21.95 0.84 0.00	19.73 0.74 0.00
MG INDUSTRY__DRP 24185	19.25 0.36 -9.96	17.51 0.38 -8.12	17.43 0.40 -8.03	17.18 0.36 -8.54	17.56 0.40 -7.99	19.16 0.44 -8.60	24.05 0.59 -9.04	25.57 0.73 -4.48	21.39 0.79 -0.22	20.26 0.72 0.00	20.09 0.66 0.00	19.22 0.72 -0.16	19.14 0.72 0.00	20.23 0.60 -3.46	20.37 0.61 -3.80	20.87 0.59 -4.42	21.60 0.59 -4.97	23.37 0.76 -2.17	28.60 0.88 -4.69	28.50 1.10 0.00	29.49 1.04 -1.00	27.01 0.96 0.00	21.91 0.80 0.00	19.72 0.72 0.00
MID__OSWEGATCHIE_HYD 23849	9.01 -0.15 -0.23	9.06 -0.14 -0.18	9.09 -0.10 -0.18	8.37 -0.11 -0.19	9.27 -0.08 -0.18	10.21 -0.10 -0.20	14.43 -0.19 -0.21	20.17 -0.28 -0.10	19.89 -0.49 -0.01	19.05 -0.49 0.00	18.88 -0.54 0.00	17.72 -0.62 0.00	17.76 -0.66 0.00	15.59 -0.66 -0.08	15.37 -0.69 -0.09	15.28 -0.68 -0.10	15.53 -0.63 -0.12	19.80 -0.69 -0.05	22.50 -0.64 -0.11	26.72 -0.69 0.00	27.09 -0.36 0.00	25.86 -0.18 0.00	21.00 -0.11 0.00	18.88 -0.11 0.00
MID__RAQUETTE_HYD 23851	8.63 -0.30 0.00	8.73 -0.29 0.00	8.73 -0.28 0.00	8.01 -0.27 0.00	8.89 -0.28 0.00	9.78 -0.33 0.00	13.82 -0.59 0.00	19.62 -0.73 0.00	19.48 -0.90 0.00	18.62 -0.92 0.00	18.43 -0.99 0.00	17.35 -0.99 0.00	17.35 -1.07 0.00	15.17 -1.00 0.00	14.96 -1.01 0.00	14.84 -1.01 0.00	15.08 -0.96 0.00	19.25 -1.19 0.00	21.81 -1.22 0.00	25.95 -1.45 0.00	26.43 -1.02 0.00	25.26 -0.78 0.00	20.56 -0.55 0.00	18.48 -0.51 0.00
MILLIKEN__1 23584	10.93 0.31 -1.69	10.70 0.32 -1.37	10.68 0.32 -1.36	10.02 0.29 -1.45	10.84 0.32 -1.35	11.94 0.36 -1.46	16.49 0.55 -1.53	21.69 0.57 -0.76	20.95 0.53 -0.04	20.10 0.57 0.00	20.01 0.58 0.00	18.79 0.42 -0.03	18.83 0.41 0.00	17.11 0.34 -0.59	16.95 0.34 -0.65	16.95 0.33 -0.76	17.26 0.37 -0.85	21.37 0.55 -0.38	24.49 0.62 -0.83	28.25 0.85 0.00	28.51 0.93 -0.13	27.03 0.99 0.00	21.87 0.76 0.00	19.66 0.66 0.00
MILLIKEN__2 23585	10.93 0.31 -1.69	10.70 0.32 -1.37	10.68 0.32 -1.36	10.02 0.29 -1.45	10.84 0.32 -1.35	11.94 0.36 -1.46	16.49 0.55 -1.53	21.69 0.57 -0.76	20.95 0.53 -0.04	20.10 0.57 0.00	20.01 0.58 0.00	18.79 0.42 -0.03	18.83 0.41 0.00	17.11 0.34 -0.59	16.95 0.34 -0.65	16.95 0.33 -0.76	17.26 0.37 -0.85	21.37 0.55 -0.38	24.49 0.62 -0.83	28.25 0.85 0.00	28.51 0.93 -0.13	27.03 0.99 0.00	21.87 0.76 0.00	19.66 0.66 0.00
MILLIKEN__DIESEL 23629	10.93 0.31 -1.69	10.70 0.32 -1.37	10.68 0.32 -1.36	10.02 0.29 -1.45	10.84 0.32 -1.35	11.94 0.36 -1.46	16.49 0.55 -1.53	21.69 0.57 -0.76	20.95 0.53 -0.04	20.10 0.57 0.00	20.01 0.58 0.00	18.79 0.42 -0.03	18.83 0.41 0.00	17.11 0.34 -0.59	16.95 0.34 -0.65	16.95 0.33 -0.76	17.26 0.37 -0.85	21.37 0.55 -0.38	24.49 0.62 -0.83	28.25 0.85 0.00	28.51 0.93 -0.13	27.03 0.99 0.00	21.87 0.76 0.00	19.66 0.66 0.00
MILLSEAT__LFGE 323607	10.19 -0.02 -1.27	10.04 -0.01 -1.03	10.04 0.01 -1.02	9.38 0.01 -1.09	10.16 -0.03 -1.02	11.14 -0.07 -1.10	15.31 -0.26 -1.15	19.84 -1.08 -0.57	19.51 -0.90 -0.03	18.95 -0.59 0.00	18.86 -0.56 0.00	17.76 -0.60 -0.02	17.89 -0.53 0.00	16.08 -0.53 -0.44	15.92 -0.53 -0.48	15.86 -0.56 -0.56	16.04 -0.63 -0.63	19.95 -0.78 -0.28	22.76 -0.90 -0.62	26.33 -1.07 0.00	27.05 -0.49 -0.09	25.21 -0.83 0.00	20.81 -0.30 0.00	18.75 -0.25 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	17.57 0.71 -7.93	16.16 0.68 -6.47	16.07 0.67 -6.40	15.71 0.63 -6.80	16.19 0.65 -6.37	17.68 0.71 -6.85	22.70 1.08 -7.20	25.48 1.55 -3.58	22.12 1.57 -0.18	20.92 1.39 0.00	20.82 1.40 0.00	19.94 1.47 -0.13	19.88 1.46 0.00	20.26 1.33 -2.76	20.32 1.33 -3.02	20.75 1.36 -3.52	21.31 1.32 -3.96	24.08 1.72 -1.93	29.26 1.87 -4.36	29.57 2.16 0.00	30.11 2.09 -0.58	27.92 1.88 0.00	22.52 1.41 0.00	20.40 1.41 0.00

MILLWOOD_13_KV_LOAD 356217	17.59 0.72 -7.93	16.18 0.69 -6.47	16.09 0.68 -6.40	15.73 0.65 -6.80	16.21 0.67 -6.37	17.70 0.73 -6.85	22.73 1.11 -7.20	25.52 1.59 -3.58	22.14 1.59 -0.18	20.94 1.41 0.00	20.82 1.40 0.00	19.94 1.47 -0.13	19.89 1.47 0.00	20.29 1.36 -2.76	20.35 1.36 -3.02	20.76 1.38 -3.52	21.33 1.33 -3.96	24.10 1.74 -1.93	29.31 1.91 -4.36	29.65 2.25 0.00	30.17 2.14 -0.58	27.97 1.93 0.00	22.54 1.44 0.00	20.42 1.42 0.00
MODEL_CITY_ENERGY 24167	10.04 -0.18 -1.29	9.89 -0.17 -1.05	9.88 -0.16 -1.04	9.25 -0.13 -1.10	10.00 -0.20 -1.03	10.95 -0.28 -1.11	15.01 -0.58 -1.17	19.45 -1.49 -0.58	19.12 -1.28 -0.03	18.62 -0.92 0.00	18.51 -0.91 0.00	17.47 -0.90 -0.02	17.57 -0.85 0.00	15.80 -0.82 -0.45	15.66 -0.80 -0.49	15.62 -0.81 -0.57	15.78 -0.90 -0.64	19.58 -1.14 -0.29	22.33 -1.34 -0.63	25.79 -1.62 0.00	26.44 -1.10 -0.09	24.64 -1.41 0.00	20.39 -0.72 0.00	18.37 -0.63 0.00
MODERN_LFGE_ 323580	10.04 -0.18 -1.29	9.89 -0.17 -1.05	9.88 -0.16 -1.04	9.25 -0.13 -1.10	10.00 -0.20 -1.03	10.95 -0.28 -1.11	15.01 -0.58 -1.17	19.45 -1.49 -0.58	19.12 -1.28 -0.03	18.62 -0.92 0.00	18.51 -0.91 0.00	17.47 -0.90 -0.02	17.57 -0.85 0.00	15.80 -0.82 -0.45	15.66 -0.80 -0.49	15.62 -0.81 -0.57	15.78 -0.90 -0.64	19.58 -1.14 -0.29	22.33 -1.34 -0.63	25.79 -1.62 0.00	26.44 -1.10 -0.09	24.64 -1.41 0.00	20.39 -0.72 0.00	18.37 -0.63 0.00
MOHAWK_PAPER___DRP 24187	19.62 0.45 -10.24	17.82 0.46 -8.35	17.73 0.47 -8.26	17.49 0.43 -8.78	17.87 0.49 -8.22	19.49 0.53 -8.85	24.46 0.75 -9.30	25.95 0.98 -4.62	21.66 1.06 -0.23	20.48 0.94 0.00	20.30 0.87 0.00	19.44 0.94 -0.16	19.36 0.94 0.00	20.55 0.81 -3.57	20.70 0.81 -3.92	21.22 0.79 -4.56	21.97 0.80 -5.13	23.65 1.02 -2.19	28.89 1.17 -4.68	28.85 1.45 0.00	30.23 1.43 -1.36	27.35 1.30 0.00	22.16 1.06 0.00	19.92 0.93 0.00
MOHICAN__35_KV_115KV_LD 80490	19.97 0.49 -10.55	18.10 0.49 -8.60	18.02 0.51 -8.50	17.78 0.46 -9.04	18.16 0.53 -8.46	19.84 0.62 -9.11	24.97 0.98 -9.58	26.36 1.24 -4.77	22.24 1.63 -0.23	21.00 1.47 0.00	20.75 1.32 0.00	19.82 1.30 -0.17	19.77 1.34 0.00	21.00 1.15 -3.68	21.13 1.15 -4.01	21.65 1.11 -4.68	22.43 1.14 -5.25	24.26 1.57 -2.24	29.72 1.89 -4.79	29.76 2.36 0.00	31.61 2.47 -1.69	28.28 2.24 0.00	22.80 1.69 0.00	20.42 1.42 0.00
MONGAUP___HYD 23641	16.84 0.63 -7.27	15.53 0.59 -5.93	15.45 0.58 -5.86	15.05 0.54 -6.23	15.58 0.58 -5.84	17.02 0.62 -6.28	22.00 0.98 -6.60	24.92 1.28 -3.28	21.80 1.26 -0.16	20.61 1.07 0.00	20.51 1.09 0.00	19.54 1.08 -0.12	19.49 1.07 0.00	19.69 0.99 -2.53	19.74 1.01 -2.77	20.13 1.05 -3.23	20.64 0.98 -3.63	23.24 1.04 -1.76	28.15 1.15 -3.97	28.72 1.32 0.00	29.19 1.21 -0.53	27.63 1.59 0.00	22.40 1.29 0.00	20.17 1.18 0.00
MONTAUK___DIESEL 23721	24.87 1.09 -14.84	21.91 1.10 -11.79	20.00 1.08 -9.91	19.39 1.04 -10.07	20.20 1.09 -9.94	21.83 1.18 -10.53	28.52 1.70 -12.40	28.81 2.44 -6.01	28.48 1.85 -6.25	23.61 1.62 -2.45	25.33 1.57 -4.33	25.36 1.65 -5.36	25.56 1.90 -5.24	26.57 1.52 -8.88	28.23 1.80 -10.46	28.36 1.93 -10.56	30.83 1.97 -12.82	41.71 2.70 -18.57	45.25 3.02 -19.20	39.86 3.56 -8.89	39.72 3.32 -8.95	35.47 3.00 -6.43	28.18 2.30 -4.77	24.95 2.15 -3.81
MOONROAD_115KV_HARTFLD_TB1-2 355988	10.46 0.02 -1.51	10.25 0.00 -1.23	10.26 0.04 -1.22	9.62 0.04 -1.29	10.43 0.05 -1.21	11.46 0.04 -1.30	15.80 0.01 -1.37	20.86 -0.18 -0.69	20.55 0.14 -0.03	19.99 0.45 0.00	20.03 0.60 0.00	18.63 0.26 -0.02	18.72 0.29 0.00	16.72 0.02 -0.53	16.57 0.02 -0.58	16.43 -0.11 -0.68	16.61 -0.19 -0.76	20.58 -0.20 -0.34	23.64 -0.14 -0.75	27.51 0.11 0.00	27.62 0.05 -0.11	26.67 0.63 0.00	21.99 0.89 0.00	19.83 0.84 0.00
MORTIMER_115KV_TB3 55949	10.02 0.08 -1.01	9.92 0.08 -0.82	9.91 0.09 -0.81	9.22 0.07 -0.86	10.06 0.08 -0.81	11.05 0.06 -0.87	15.34 0.01 -0.91	20.44 -0.37 -0.45	20.07 -0.33 -0.02	19.40 -0.14 0.00	19.50 0.08 0.00	18.14 -0.22 -0.02	18.33 -0.09 0.00	16.43 -0.10 -0.35	16.25 -0.10 -0.38	16.21 -0.10 -0.45	16.40 -0.14 -0.50	20.50 -0.16 -0.22	23.29 -0.23 -0.49	27.10 -0.30 0.00	26.94 -0.58 -0.07	25.78 -0.26 0.00	21.11 0.00 0.00	18.98 -0.02 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	17.70 0.79 -7.98	16.27 0.75 -6.51	16.17 0.73 -6.43	15.82 0.70 -6.84	16.28 0.71 -6.40	17.79 0.78 -6.89	22.84 1.18 -7.25	25.66 1.71 -3.60	22.31 1.75 -0.18	21.10 1.56 0.00	21.00 1.57 0.00	20.12 1.65 -0.13	20.06 1.64 0.00	20.44 1.49 -2.78	20.51 1.50 -3.04	20.94 1.54 -3.54	21.51 1.49 -3.98	24.32 1.94 -1.94	29.50 2.07 -4.39	29.79 2.38 0.00	30.31 2.28 -0.58	28.10 2.06 0.00	22.65 1.54 0.00	20.57 1.58 0.00
MUNSVILLE_WIND_PWR 323609	12.15 0.70 -2.52	11.77 0.70 -2.05	11.74 0.70 -2.03	11.08 0.64 -2.16	11.95 0.76 -2.02	13.14 0.85 -2.18	18.01 1.31 -2.29	23.04 1.55 -1.14	21.64 1.20 -0.06	20.71 1.17 0.00	20.49 1.07 0.00	19.17 0.79 -0.04	19.21 0.79 0.00	17.72 0.66 -0.88	17.55 0.62 -0.96	17.63 0.65 -1.12	18.06 0.75 -1.26	22.13 1.12 -0.57	25.80 1.52 -1.24	29.51 2.11 0.00	30.13 2.44 -0.24	28.39 2.34 0.00	22.94 1.84 0.00	20.67 1.67 0.00
N SALMON___HYD 24042	8.71 -0.22 0.00	8.83 -0.18 0.00	8.82 -0.19 0.00	8.09 -0.19 0.00	9.00 -0.17 0.00	9.95 -0.16 0.00	14.15 -0.26 0.00	20.27 -0.08 0.00	20.24 -0.14 0.00	19.32 -0.21 0.00	19.08 -0.35 0.00	17.90 -0.44 0.00	17.94 -0.48 0.00	15.70 -0.47 0.00	15.54 -0.43 0.00	15.43 -0.43 0.00	15.69 -0.35 0.00	20.05 -0.39 0.00	22.73 -0.30 0.00	27.02 -0.38 0.00	27.18 -0.27 0.00	25.83 -0.21 0.00	20.96 -0.15 0.00	18.86 -0.13 0.00
N.AKRON__115KV_KNAPP 355671	10.19 -0.01 -1.27	10.05 0.00 -1.03	10.04 0.01 -1.02	9.38 0.02 -1.09	10.17 -0.02 -1.02	11.14 -0.07 -1.09	15.32 -0.25 -1.15	19.86 -1.06 -0.57	19.55 -0.86 -0.03	19.01 -0.53 0.00	19.15 -0.27 0.00	17.76 -0.61 -0.02	17.91 -0.52 0.00	16.09 -0.52 -0.44	15.94 -0.51 -0.48	15.88 -0.54 -0.56	16.06 -0.61 -0.63	19.97 -0.76 -0.28	22.75 -0.90 -0.62	26.33 -1.07 0.00	26.08 -1.45 -0.09	25.18 -0.86 0.00	20.83 -0.27 0.00	18.77 -0.23 0.00
N.BELMOR_69_KV_BK1 55787	24.69 0.91 -14.84	21.68 0.87 -11.79	19.78 0.86 -9.91	19.17 0.81 -10.07	19.96 0.85 -9.94	21.59 0.94 -10.53	28.21 1.40 -12.40	28.40 2.04 -6.01	27.77 1.83 -5.55	23.37 1.66 -2.17	24.93 1.67 -3.84	24.85 1.74 -4.77	24.91 1.84 -4.64	25.92 1.57 -8.18	27.21 1.63 -9.62	28.13 1.71 -10.56	30.52 1.67 -12.82	41.20 2.19 -18.57	44.63 2.40 -19.20	39.09 2.80 -8.89	39.03 2.64 -8.95	34.85 2.37 -6.43	27.76 1.88 -4.77	24.65 1.84 -3.81
N.E._GEN_SANDY PD 24062	18.60 0.50 -9.16	17.00 0.51 -7.47	16.90 0.50 -7.39	16.60 0.46 -7.86	17.04 0.51 -7.35	18.60 0.57 -7.92	23.50 0.76 -8.32	25.53 1.04 -4.13	21.70 1.12 -0.20	20.55 1.02 0.00	20.43 1.01 0.00	19.57 1.08 -0.15	19.51 1.09 0.00	20.30 0.94 -3.19	20.35 0.89 -3.49	20.80 0.87 -4.07	21.49 0.88 -4.57	22.84 1.12 -1.28	26.30 1.24 -2.02	28.85 1.45 0.00	29.63 1.37 -0.81	27.32 1.28 0.00	22.16 1.05 0.00	20.00 1.01 0.00

N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	17.32 0.70 -7.69	15.95 0.67 -6.27	15.86 0.66 -6.20	15.49 0.62 -6.59	15.98 0.64 -6.17	17.46 0.70 -6.64	22.46 1.07 -6.98	25.33 1.51 -3.47	22.10 1.55 -0.17	20.91 1.37 0.00	20.80 1.38 0.00	19.92 1.45 -0.12	19.86 1.44 0.00	20.16 1.31 -2.67	20.21 1.31 -2.93	20.61 1.33 -3.41	21.19 1.32 -3.83	24.02 1.72 -1.86	29.12 1.87 -4.22	29.54 2.14 0.00	30.10 2.09 -0.56	27.92 1.88 0.00	22.52 1.41 0.00	20.38 1.39 0.00
N.QUEENS_27_KV_LOAD 356247	17.81 0.88 -7.99	16.38 0.86 -6.51	16.28 0.84 -6.43	15.92 0.79 -6.85	16.39 0.82 -6.40	17.87 0.86 -6.89	22.84 1.18 -7.25	25.62 1.67 -3.60	22.29 1.73 -0.18	21.10 1.56 0.00	21.00 1.57 0.00	20.18 1.71 -0.13	20.10 1.68 0.00	20.45 1.50 -2.78	20.54 1.53 -3.04	20.99 1.59 -3.54	21.53 1.51 -3.98	24.36 1.98 -1.94	29.50 2.07 -4.39	29.79 2.38 0.00	30.31 2.28 -0.58	28.05 2.01 0.00	22.58 1.48 0.00	20.78 1.79 0.00
N.TROY___115KV_TB1 355778	19.65 0.43 -10.29	17.84 0.44 -8.39	17.75 0.45 -8.30	17.50 0.41 -8.82	17.89 0.47 -8.25	19.52 0.52 -8.89	24.48 0.72 -9.34	25.93 0.94 -4.64	21.66 1.06 -0.23	20.50 0.96 0.00	20.30 0.87 0.00	19.46 0.95 -0.17	19.38 0.96 0.00	20.57 0.81 -3.58	20.68 0.78 -3.93	21.20 0.76 -4.58	21.97 0.79 -5.14	23.61 1.00 -2.17	28.78 1.15 -4.60	28.80 1.40 0.00	30.36 1.40 -1.51	27.32 1.28 0.00	22.14 1.03 0.00	19.91 0.91 0.00
NARROWS_GT1_1 24228	17.80 0.88 -7.99	16.35 0.83 -6.51	16.25 0.81 -6.43	15.90 0.77 -6.85	16.34 0.77 -6.40	17.84 0.83 -6.89	22.90 1.24 -7.25	25.75 1.79 -3.60	22.39 1.83 -0.18	21.18 1.64 0.00	21.19 1.77 0.00	20.25 1.78 -0.13	20.17 1.75 0.00	20.54 1.59 -2.78	20.62 1.61 -3.04	21.07 1.66 -3.54	21.61 1.59 -3.98	24.48 2.11 -1.94	29.66 2.23 -4.39	29.98 2.58 0.00	30.47 2.44 -0.58	28.26 2.21 0.00	22.75 1.65 0.00	20.74 1.75 0.00
NARROWS_GT1_2 24229	17.80 0.88 -7.99	16.35 0.83 -6.51	16.25 0.81 -6.43	15.90 0.77 -6.85	16.34 0.77 -6.40	17.84 0.83 -6.89	22.90 1.24 -7.25	25.75 1.79 -3.60	22.39 1.83 -0.18	21.18 1.64 0.00	21.19 1.77 0.00	20.25 1.78 -0.13	20.17 1.75 0.00	20.54 1.59 -2.78	20.62 1.61 -3.04	21.07 1.66 -3.54	21.61 1.59 -3.98	24.48 2.11 -1.94	29.66 2.23 -4.39	29.98 2.58 0.00	30.47 2.44 -0.58	28.26 2.21 0.00	22.75 1.65 0.00	20.74 1.75 0.00
NARROWS_GT1_3 24230	17.80 0.88 -7.99	16.35 0.83 -6.51	16.25 0.81 -6.43	15.90 0.77 -6.85	16.34 0.77 -6.40	17.84 0.83 -6.89	22.90 1.24 -7.25	25.75 1.79 -3.60	22.39 1.83 -0.18	21.18 1.64 0.00	21.19 1.77 0.00	20.25 1.78 -0.13	20.17 1.75 0.00	20.54 1.59 -2.78	20.62 1.61 -3.04	21.07 1.66 -3.54	21.61 1.59 -3.98	24.48 2.11 -1.94	29.66 2.23 -4.39	29.98 2.58 0.00	30.47 2.44 -0.58	28.26 2.21 0.00	22.75 1.65 0.00	20.74 1.75 0.00
NARROWS_GT1_4 24231	17.80 0.88 -7.99	16.35 0.83 -6.51	16.25 0.81 -6.43	15.90 0.77 -6.85	16.34 0.77 -6.40	17.84 0.83 -6.89	22.90 1.24 -7.25	25.75 1.79 -3.60	22.39 1.83 -0.18	21.18 1.64 0.00	21.19 1.77 0.00	20.25 1.78 -0.13	20.17 1.75 0.00	20.54 1.59 -2.78	20.62 1.61 -3.04	21.07 1.66 -3.54	21.61 1.59 -3.98	24.48 2.11 -1.94	29.66 2.23 -4.39	29.98 2.58 0.00	30.47 2.44 -0.58	28.26 2.21 0.00	22.75 1.65 0.00	20.74 1.75 0.00
NARROWS_GT1_5 24232	17.80 0.88 -7.99	16.35 0.83 -6.51	16.25 0.81 -6.43	15.90 0.77 -6.85	16.34 0.77 -6.40	17.84 0.83 -6.89	22.90 1.24 -7.25	25.75 1.79 -3.60	22.39 1.83 -0.18	21.18 1.64 0.00	21.19 1.77 0.00	20.25 1.78 -0.13	20.17 1.75 0.00	20.54 1.59 -2.78	20.62 1.61 -3.04	21.07 1.66 -3.54	21.61 1.59 -3.98	24.48 2.11 -1.94	29.66 2.23 -4.39	29.98 2.58 0.00	30.47 2.44 -0.58	28.26 2.21 0.00	22.75 1.65 0.00	20.74 1.75 0.00
NARROWS_GT1_6 24233	17.80 0.88 -7.99	16.35 0.83 -6.51	16.25 0.81 -6.43	15.90 0.77 -6.85	16.34 0.77 -6.40	17.84 0.83 -6.89	22.90 1.24 -7.25	25.75 1.79 -3.60	22.39 1.83 -0.18	21.18 1.64 0.00	21.19 1.77 0.00	20.25 1.78 -0.13	20.17 1.75 0.00	20.54 1.59 -2.78	20.62 1.61 -3.04	21.07 1.66 -3.54	21.61 1.59 -3.98	24.48 2.11 -1.94	29.66 2.23 -4.39	29.98 2.58 0.00	30.47 2.44 -0.58	28.26 2.21 0.00	22.75 1.65 0.00	20.74 1.75 0.00
NARROWS_GT1_7 24234	17.80 0.88 -7.99	16.35 0.83 -6.51	16.25 0.81 -6.43	15.90 0.77 -6.85	16.34 0.77 -6.40	17.84 0.83 -6.89	22.90 1.24 -7.25	25.75 1.79 -3.60	22.39 1.83 -0.18	21.18 1.64 0.00	21.19 1.77 0.00	20.25 1.78 -0.13	20.17 1.75 0.00	20.54 1.59 -2.78	20.62 1.61 -3.04	21.07 1.66 -3.54	21.61 1.59 -3.98	24.48 2.11 -1.94	29.66 2.23 -4.39	29.98 2.58 0.00	30.47 2.44 -0.58	28.26 2.21 0.00	22.75 1.65 0.00	20.74 1.75 0.00
NARROWS_GT1_8 24235	17.80 0.88 -7.99	16.35 0.83 -6.51	16.25 0.81 -6.43	15.90 0.77 -6.85	16.34 0.77 -6.40	17.84 0.83 -6.89	22.90 1.24 -7.25	25.75 1.79 -3.60	22.39 1.83 -0.18	21.18 1.64 0.00	21.19 1.77 0.00	20.25 1.78 -0.13	20.17 1.75 0.00	20.54 1.59 -2.78	20.62 1.61 -3.04	21.07 1.66 -3.54	21.61 1.59 -3.98	24.48 2.11 -1.94	29.66 2.23 -4.39	29.98 2.58 0.00	30.47 2.44 -0.58	28.26 2.21 0.00	22.75 1.65 0.00	20.74 1.75 0.00
NARROWS_GT2_1 24236	17.80 0.88 -7.99	16.35 0.83 -6.51	16.25 0.81 -6.43	15.90 0.77 -6.85	16.34 0.77 -6.40	17.84 0.83 -6.89	22.90 1.24 -7.25	25.75 1.79 -3.60	22.39 1.83 -0.18	21.18 1.64 0.00	21.19 1.77 0.00	20.25 1.78 -0.13	20.17 1.75 0.00	20.54 1.59 -2.78	20.62 1.61 -3.04	21.07 1.66 -3.54	21.61 1.59 -3.98	24.48 2.11 -1.94	29.66 2.23 -4.39	29.98 2.58 0.00	30.47 2.44 -0.58	28.26 2.21 0.00	22.75 1.65 0.00	20.74 1.75 0.00
NARROWS_GT2_2 24237	17.80 0.88 -7.99	16.35 0.83 -6.51	16.25 0.81 -6.43	15.90 0.77 -6.85	16.34 0.77 -6.40	17.84 0.83 -6.89	22.90 1.24 -7.25	25.75 1.79 -3.60	22.39 1.83 -0.18	21.18 1.64 0.00	21.19 1.77 0.00	20.25 1.78 -0.13	20.17 1.75 0.00	20.54 1.59 -2.78	20.62 1.61 -3.04	21.07 1.66 -3.54	21.61 1.59 -3.98	24.48 2.11 -1.94	29.66 2.23 -4.39	29.98 2.58 0.00	30.47 2.44 -0.58	28.26 2.21 0.00	22.75 1.65 0.00	20.74 1.75 0.00
NARROWS_GT2_3 24238	17.80 0.88 -7.99	16.35 0.83 -6.51	16.25 0.81 -6.43	15.90 0.77 -6.85	16.34 0.77 -6.40	17.84 0.83 -6.89	22.90 1.24 -7.25	25.75 1.79 -3.60	22.39 1.83 -0.18	21.18 1.64 0.00	21.19 1.77 0.00	20.25 1.78 -0.13	20.17 1.75 0.00	20.54 1.59 -2.78	20.62 1.61 -3.04	21.07 1.66 -3.54	21.61 1.59 -3.98	24.48 2.11 -1.94	29.66 2.23 -4.39	29.98 2.58 0.00	30.47 2.44 -0.58	28.26 2.21 0.00	22.75 1.65 0.00	20.74 1.75 0.00
NARROWS_GT2_4 24239	17.80 0.88 -7.99	16.35 0.83 -6.51	16.25 0.81 -6.43	15.90 0.77 -6.85	16.34 0.77 -6.40	17.84 0.83 -6.89	22.90 1.24 -7.25	25.75 1.79 -3.60	22.39 1.83 -0.18	21.18 1.64 0.00	21.19 1.77 0.00	20.25 1.78 -0.13	20.17 1.75 0.00	20.54 1.59 -2.78	20.62 1.61 -3.04	21.07 1.66 -3.54	21.61 1.59 -3.98	24.48 2.11 -1.94	29.66 2.23 -4.39	29.98 2.58 0.00	30.47 2.44 -0.58	28.26 2.21 0.00	22.75 1.65 0.00	20.74 1.75 0.00

NARROWS_GT2_5 24240	17.80 0.88 -7.99	16.35 0.83 -6.51	16.25 0.81 -6.43	15.90 0.77 -6.85	16.34 0.77 -6.40	17.84 0.83 -6.89	22.90 1.24 -7.25	25.75 1.79 -3.60	22.39 1.83 -0.18	21.18 1.64 0.00	21.19 1.77 0.00	20.25 1.78 -0.13	20.17 1.75 0.00	20.54 1.59 -2.78	20.62 1.61 -3.04	21.07 1.66 -3.54	21.61 1.59 -3.98	24.48 2.11 -1.94	29.66 2.23 -4.39	29.98 2.58 0.00	30.47 2.44 -0.58	28.26 2.21 0.00	22.75 1.65 0.00	20.74 1.75 0.00
NARROWS_GT2_6 24241	17.80 0.88 -7.99	16.35 0.83 -6.51	16.25 0.81 -6.43	15.90 0.77 -6.85	16.34 0.77 -6.40	17.84 0.83 -6.89	22.90 1.24 -7.25	25.75 1.79 -3.60	22.39 1.83 -0.18	21.18 1.64 0.00	21.19 1.77 0.00	20.25 1.78 -0.13	20.17 1.75 0.00	20.54 1.59 -2.78	20.62 1.61 -3.04	21.07 1.66 -3.54	21.61 1.59 -3.98	24.48 2.11 -1.94	29.66 2.23 -4.39	29.98 2.58 0.00	30.47 2.44 -0.58	28.26 2.21 0.00	22.75 1.65 0.00	20.74 1.75 0.00
NARROWS_GT2_7 24242	17.80 0.88 -7.99	16.35 0.83 -6.51	16.25 0.81 -6.43	15.90 0.77 -6.85	16.34 0.77 -6.40	17.84 0.83 -6.89	22.90 1.24 -7.25	25.75 1.79 -3.60	22.39 1.83 -0.18	21.18 1.64 0.00	21.19 1.77 0.00	20.25 1.78 -0.13	20.17 1.75 0.00	20.54 1.59 -2.78	20.62 1.61 -3.04	21.07 1.66 -3.54	21.61 1.59 -3.98	24.48 2.11 -1.94	29.66 2.23 -4.39	29.98 2.58 0.00	30.47 2.44 -0.58	28.26 2.21 0.00	22.75 1.65 0.00	20.74 1.75 0.00
NARROWS_GT2_8 24243	17.80 0.88 -7.99	16.35 0.83 -6.51	16.25 0.81 -6.43	15.90 0.77 -6.85	16.34 0.77 -6.40	17.84 0.83 -6.89	22.90 1.24 -7.25	25.75 1.79 -3.60	22.39 1.83 -0.18	21.18 1.64 0.00	21.19 1.77 0.00	20.25 1.78 -0.13	20.17 1.75 0.00	20.54 1.59 -2.78	20.62 1.61 -3.04	21.07 1.66 -3.54	21.61 1.59 -3.98	24.48 2.11 -1.94	29.66 2.23 -4.39	29.98 2.58 0.00	30.47 2.44 -0.58	28.26 2.21 0.00	22.75 1.65 0.00	20.74 1.75 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	18.80 0.37 -9.49	17.13 0.38 -7.74	17.06 0.40 -7.66	16.77 0.36 -8.14	17.21 0.42 -7.62	18.76 0.45 -8.20	23.71 0.68 -8.62	25.49 0.85 -4.27	21.38 0.79 -0.21	20.28 0.74 0.00	20.11 0.68 0.00	19.18 0.68 -0.15	19.16 0.74 0.00	19.97 0.50 -3.30	20.16 0.57 -3.62	20.63 0.56 -4.22	21.42 0.64 -4.74	23.38 0.84 -2.10	28.64 1.04 -4.57	28.85 1.45 0.00	29.74 1.35 -0.95	27.40 1.35 0.00	22.12 1.01 0.00	19.81 0.82 0.00
NCHELSEA_115KV_TR2 355582	17.62 0.72 -7.96	16.20 0.69 -6.49	16.10 0.68 -6.42	15.74 0.63 -6.83	16.23 0.67 -6.39	17.73 0.73 -6.88	22.76 1.11 -7.23	25.51 1.57 -3.59	22.08 1.53 -0.18	20.89 1.35 0.00	20.78 1.36 0.00	19.88 1.41 -0.13	19.84 1.42 0.00	20.22 1.28 -2.77	20.28 1.28 -3.04	20.70 1.30 -3.54	21.34 1.33 -3.97	24.07 1.72 -1.91	29.25 1.91 -4.31	29.59 2.19 0.00	30.26 2.22 -0.58	28.05 2.01 0.00	22.56 1.46 0.00	20.40 1.41 0.00
NEG CAPITAL___MECHNVIL 23645	19.91 0.52 -10.46	18.06 0.52 -8.52	17.98 0.54 -8.43	17.73 0.49 -8.96	18.12 0.56 -8.39	19.78 0.63 -9.03	24.85 0.94 -9.50	26.30 1.22 -4.72	21.95 1.34 -0.23	20.75 1.21 0.00	20.57 1.15 0.00	19.65 1.14 -0.17	19.58 1.16 0.00	20.82 1.00 -3.64	20.95 0.99 -3.99	21.48 0.97 -4.65	22.26 0.99 -5.22	23.97 1.31 -2.22	29.31 1.54 -4.73	29.29 1.89 0.00	31.04 1.95 -1.64	27.82 1.77 0.00	22.48 1.37 0.00	20.19 1.20 0.00
NEG CENTRAL_HIGH_ACRES 23767	9.86 -0.04 -0.96	9.76 -0.04 -0.78	9.75 -0.03 -0.77	9.08 -0.02 -0.82	9.91 -0.03 -0.77	10.90 -0.05 -0.83	15.19 -0.10 -0.87	20.32 -0.47 -0.43	19.95 -0.45 -0.02	19.26 -0.27 0.00	19.21 -0.21 0.00	18.05 -0.31 -0.02	18.15 -0.28 0.00	16.30 -0.21 -0.34	16.11 -0.22 -0.37	16.05 -0.24 -0.43	16.25 -0.27 -0.48	20.33 -0.33 -0.22	23.09 -0.41 -0.47	26.88 -0.52 0.00	27.32 -0.19 -0.06	25.65 -0.39 0.00	20.90 -0.21 0.00	18.77 -0.23 0.00
NEG CENTRAL___DRP 24199	9.94 0.09 -0.92	9.85 0.09 -0.75	9.83 0.09 -0.74	9.15 0.08 -0.79	10.01 0.10 -0.74	11.02 0.11 -0.79	15.40 0.16 -0.83	20.81 0.04 -0.41	20.44 0.04 -0.02	19.67 0.14 0.00	19.66 0.23 0.00	18.41 0.06 -0.01	18.49 0.07 0.00	16.58 0.08 -0.32	16.40 0.08 -0.35	16.32 0.05 -0.41	16.55 0.05 -0.46	20.75 0.10 -0.21	23.55 0.07 -0.45	27.51 0.11 0.00	27.59 0.08 -0.06	26.25 0.21 0.00	21.30 0.19 0.00	19.13 0.13 0.00
NEG CENTRAL___INDECK 23768	10.79 0.36 -1.50	10.60 0.36 -1.22	10.59 0.38 -1.21	9.90 0.33 -1.28	10.76 0.39 -1.20	11.84 0.42 -1.29	16.31 0.53 -1.36	21.28 0.26 -0.66	20.63 0.22 -0.03	19.89 0.35 0.00	19.78 0.35 0.00	18.50 0.13 -0.02	18.62 0.20 0.00	16.83 0.15 -0.51	16.72 0.19 -0.56	16.69 0.17 -0.66	16.92 0.14 -0.74	21.14 0.37 -0.33	24.22 0.46 -0.73	28.11 0.71 0.00	28.76 1.21 -0.11	26.93 0.89 0.00	21.95 0.85 0.00	19.72 0.72 0.00
NEG CENTRAL___SENECA 23627	9.95 0.09 -0.93	9.86 0.09 -0.76	9.85 0.10 -0.75	9.16 0.08 -0.80	10.02 0.10 -0.74	11.03 0.11 -0.80	15.40 0.14 -0.84	20.73 -0.04 -0.42	20.38 -0.02 0.00	19.64 0.10 0.00	19.66 0.23 0.00	18.36 0.00 -0.01	18.44 0.02 0.00	16.55 0.05 -0.32	16.35 0.03 -0.35	16.29 0.02 -0.41	16.50 0.00 -0.46	20.67 0.02 -0.21	23.49 0.00 -0.45	27.40 0.00 0.00	27.46 -0.05 -0.06	26.17 0.13 0.00	21.26 0.15 0.00	19.11 0.11 0.00
NEG CENTRAL___STATE_STREET 24147	10.11 0.16 -1.02	10.01 0.16 -0.83	9.99 0.16 -0.82	9.30 0.15 -0.87	10.15 0.17 -0.82	11.20 0.20 -0.88	15.63 0.29 -0.92	21.28 0.47 -0.46	20.71 0.31 -0.02	19.91 0.37 0.00	19.85 0.43 0.00	18.65 0.29 -0.02	18.83 0.41 0.00	16.79 0.26 -0.36	16.73 0.37 -0.39	16.66 0.35 -0.46	16.90 0.35 -0.51	21.14 0.47 -0.23	24.04 0.51 -0.50	28.03 0.63 0.00	28.01 0.49 -0.07	26.59 0.55 0.00	21.51 0.40 0.00	19.34 0.34 0.00
NEG MILLWOOD___DRP 24198	17.73 0.74 -8.05	16.31 0.73 -6.57	16.22 0.72 -6.50	15.86 0.67 -6.90	16.34 0.71 -6.46	17.83 0.76 -6.96	22.91 1.18 -7.32	25.64 1.65 -3.63	22.17 1.61 -0.18	20.91 1.37 0.00	20.80 1.38 0.00	19.89 1.41 -0.13	19.88 1.46 0.00	20.32 1.34 -2.80	20.38 1.34 -3.07	20.78 1.35 -3.58	21.37 1.32 -4.02	24.12 1.74 -1.94	29.40 1.98 -4.39	29.73 2.33 0.00	30.32 2.28 -0.59	28.10 2.06 0.00	22.61 1.50 0.00	20.42 1.42 0.00
NEG NORTH_FLCN_SEA 23793	8.76 -0.18 0.00	8.88 -0.14 0.00	8.86 -0.14 0.00	8.12 -0.16 0.00	9.03 -0.14 0.00	10.01 -0.11 0.00	14.26 -0.16 0.00	20.48 0.12 0.00	20.42 0.04 0.00	19.52 -0.02 0.00	19.23 -0.19 0.00	18.07 -0.28 0.00	18.14 -0.28 0.00	15.85 -0.32 0.00	15.73 -0.24 0.00	15.62 -0.24 0.00	15.90 -0.14 0.00	20.32 -0.12 0.00	23.06 0.02 0.00	27.37 -0.03 0.00	27.53 0.08 0.00	25.99 -0.05 0.00	21.09 -0.02 0.00	18.98 -0.02 0.00
NEG NORTH_KES_CHATEGAY 23792	8.69 -0.25 0.00	8.81 -0.21 0.00	8.80 -0.21 0.00	8.06 -0.22 0.00	8.97 -0.20 0.00	9.92 -0.19 0.00	14.14 -0.27 0.00	20.27 -0.08 0.00	20.24 -0.14 0.00	19.32 -0.21 0.00	19.08 -0.35 0.00	17.92 -0.42 0.00	17.98 -0.44 0.00	15.72 -0.45 0.00	15.60 -0.37 0.00	15.49 -0.36 0.00	15.75 -0.29 0.00	20.13 -0.31 0.00	22.83 -0.21 0.00	27.13 -0.27 0.00	27.29 -0.16 0.00	25.78 -0.26 0.00	20.92 -0.19 0.00	18.82 -0.17 0.00

NEG NORTH___ALICE_FALLS 23915	8.77 -0.17 0.00	8.89 -0.13 0.00	8.87 -0.14 0.00	8.14 -0.14 0.00	9.05 -0.12 0.00	10.04 -0.08 0.00	14.30 -0.12 0.00	20.54 0.18 0.00	20.50 0.12 0.00	19.58 0.04 0.00	19.29 -0.14 0.00	18.12 -0.22 0.00	18.16 -0.26 0.00	15.88 -0.29 0.00	15.74 -0.22 0.00	15.64 -0.22 0.00	15.93 -0.11 0.00	20.36 -0.08 0.00	23.10 0.07 0.00	27.46 0.05 0.00	27.64 0.19 0.00	26.10 0.05 0.00	21.15 0.04 0.00	19.03 0.04 0.00
NEG NORTH___LWR_SARANAC 23913	8.77 -0.17 0.00	8.89 -0.13 0.00	8.87 -0.14 0.00	8.14 -0.14 0.00	9.05 -0.12 0.00	10.04 -0.08 0.00	14.30 -0.12 0.00	20.54 0.18 0.00	20.50 0.12 0.00	19.58 0.04 0.00	19.29 -0.14 0.00	18.12 -0.22 0.00	18.16 -0.26 0.00	15.88 -0.29 0.00	15.74 -0.22 0.00	15.64 -0.22 0.00	15.93 -0.11 0.00	20.36 -0.08 0.00	23.10 0.07 0.00	27.46 0.05 0.00	27.64 0.19 0.00	26.10 0.05 0.00	21.15 0.04 0.00	19.03 0.04 0.00
NEG NORTH___PLATTSBURG 23628	8.77 -0.17 0.00	8.89 -0.13 0.00	8.87 -0.13 0.00	8.14 -0.14 0.00	9.05 -0.12 0.00	10.04 -0.08 0.00	14.30 -0.12 0.00	20.54 0.18 0.00	20.50 0.12 0.00	19.58 0.04 0.00	19.29 -0.14 0.00	18.11 -0.24 0.00	18.16 -0.26 0.00	15.88 -0.29 0.00	15.74 -0.22 0.00	15.64 -0.22 0.00	15.93 -0.11 0.00	20.36 -0.08 0.00	23.10 0.07 0.00	27.46 0.05 0.00	27.59 0.14 0.00	26.10 0.05 0.00	21.15 0.04 0.00	19.03 0.04 0.00
NEG WEST_LEA_LOCKPORT 23791	10.13 -0.09 -1.28	9.98 -0.08 -1.04	9.97 -0.07 -1.03	9.32 -0.06 -1.10	10.09 -0.11 -1.03	11.04 -0.18 -1.11	15.17 -0.40 -1.16	19.67 -1.26 -0.57	19.37 -1.04 -0.03	18.85 -0.68 0.00	19.00 -0.43 0.00	17.63 -0.73 -0.02	17.79 -0.63 0.00	15.97 -0.65 -0.44	15.83 -0.62 -0.49	15.79 -0.63 -0.57	15.95 -0.72 -0.63	19.80 -0.92 -0.28	22.57 -1.08 -0.62	26.09 -1.32 0.00	25.81 -1.73 -0.09	24.92 -1.12 0.00	20.64 -0.46 0.00	18.61 -0.38 0.00
NEG WEST___LANCASTR 23811	10.24 -0.21 -1.51	10.04 -0.20 -1.23	10.03 -0.19 -1.22	9.41 -0.17 -1.29	10.16 -0.22 -1.21	11.15 -0.27 -1.30	15.32 -0.46 -1.37	19.87 -1.16 -0.68	19.64 -0.77 -0.03	19.17 -0.37 0.00	19.23 -0.19 0.00	17.93 -0.44 -0.02	18.03 -0.39 0.00	16.02 -0.68 -0.52	15.89 -0.65 -0.57	15.80 -0.73 -0.67	16.00 -0.79 -0.75	19.79 -0.98 -0.34	22.66 -1.11 -0.74	26.50 -0.90 0.00	26.41 -1.15 -0.11	25.45 -0.60 0.00	20.96 -0.15 0.00	18.92 -0.08 0.00
NEG_PENN_ALLEGHNY 23528	11.84 0.24 -2.66	11.43 0.24 -2.17	11.39 0.24 -2.15	10.79 0.23 -2.28	11.54 0.24 -2.13	12.68 0.26 -2.30	17.22 0.39 -2.42	21.90 0.35 -1.20	20.82 0.39 -0.06	20.01 0.47 0.00	19.89 0.47 0.00	18.77 0.39 -0.04	18.83 0.40 0.00	17.41 0.31 -0.93	17.29 0.30 -1.02	17.34 0.30 -1.19	17.66 0.29 -1.33	21.45 0.41 -0.60	24.81 0.46 -1.31	28.00 0.60 0.00	28.46 0.80 -0.21	26.72 0.68 0.00	21.70 0.59 0.00	19.53 0.53 0.00
NEG___GEN_MONROE 24207	10.12 0.18 -1.01	10.01 0.17 -0.82	10.00 0.18 -0.81	9.28 0.14 -0.86	10.15 0.17 -0.81	11.16 0.17 -0.87	15.48 0.16 -0.91	20.56 -0.24 -0.45	20.22 -0.18 -0.02	19.50 -0.04 0.00	19.60 0.17 0.00	18.23 -0.13 -0.02	18.33 -0.09 0.00	16.49 -0.03 -0.35	16.29 -0.06 -0.38	16.21 -0.10 -0.45	16.40 -0.14 -0.50	20.54 -0.12 -0.22	23.34 -0.18 -0.49	27.18 -0.22 0.00	27.19 -0.33 -0.07	26.02 -0.03 0.00	21.32 0.21 0.00	19.13 0.13 0.00
NEPA___ENERGY 23901	10.55 0.10 -1.52	10.35 0.10 -1.24	10.35 0.12 -1.23	9.70 0.12 -1.30	10.48 0.09 -1.22	11.50 0.07 -1.31	15.84 0.04 -1.38	20.72 -0.33 -0.69	20.31 -0.10 -0.03	19.75 0.21 0.00	19.79 0.37 0.00	18.46 0.09 -0.02	18.61 0.18 0.00	16.66 -0.05 -0.53	16.54 -0.02 -0.58	16.48 -0.06 -0.68	16.68 -0.13 -0.77	20.66 -0.12 -0.34	23.65 -0.14 -0.75	27.40 0.00 0.00	27.29 -0.27 -0.11	26.23 0.18 0.00	21.59 0.49 0.00	19.47 0.47 0.00
NEVERSINK___HYD 23608	16.84 0.79 -7.12	15.54 0.72 -5.80	15.44 0.69 -5.74	15.04 0.65 -6.10	15.59 0.71 -5.71	17.01 0.74 -6.15	22.08 1.20 -6.47	25.17 1.61 -3.21	22.00 1.47 -0.16	20.79 1.25 0.00	20.78 1.36 0.00	19.76 1.30 -0.11	19.67 1.25 0.00	19.85 1.20 -2.48	19.45 0.77 -2.71	19.84 0.82 -3.16	20.49 0.90 -3.55	23.33 1.21 -1.69	28.14 1.31 -3.79	28.88 1.48 0.00	30.05 2.06 -0.54	28.23 2.19 0.00	22.61 1.50 0.00	20.38 1.39 0.00
NEWKRMKL_115KV_TB1 55635	19.51 0.32 -10.26	17.72 0.34 -8.36	17.65 0.37 -8.27	17.40 0.33 -8.79	17.77 0.37 -8.23	19.36 0.38 -8.86	24.25 0.52 -9.31	25.63 0.65 -4.62	21.38 0.77 -0.23	20.22 0.68 0.00	20.07 0.64 0.00	19.24 0.73 -0.16	19.14 0.72 0.00	20.34 0.61 -3.55	20.49 0.62 -3.90	21.00 0.60 -4.54	21.73 0.59 -5.10	23.37 0.74 -2.19	28.58 0.85 -4.70	28.44 1.04 0.00	29.69 0.99 -1.25	26.93 0.89 0.00	21.87 0.76 0.00	19.66 0.66 0.00
NEWTON___FALLS_HYD 23847	9.01 -0.15 -0.23	9.06 -0.14 -0.18	9.09 -0.10 -0.18	8.37 -0.11 -0.19	9.27 -0.08 -0.18	10.21 -0.10 -0.20	14.43 -0.19 -0.21	20.17 -0.28 -0.10	19.89 -0.49 -0.01	19.05 -0.49 0.00	18.88 -0.54 0.00	17.72 -0.62 0.00	17.76 -0.66 0.00	15.59 -0.66 -0.08	15.37 -0.69 -0.09	15.28 -0.68 -0.10	15.53 -0.63 -0.12	19.80 -0.69 -0.05	22.50 -0.64 -0.11	26.72 -0.69 0.00	27.09 -0.36 0.00	25.86 -0.18 0.00	21.00 -0.11 0.00	18.88 -0.11 0.00
NGRID_A1_DSASP 323792	9.99 -0.24 -1.30	9.84 -0.23 -1.06	9.83 -0.22 -1.05	9.20 -0.19 -1.11	9.94 -0.27 -1.04	10.88 -0.36 -1.12	14.95 -0.65 -1.18	19.33 -1.61 -0.58	19.00 -1.41 -0.03	18.50 -1.04 0.00	18.41 -1.01 0.00	17.37 -0.99 -0.02	17.50 -0.92 0.00	15.73 -0.89 -0.45	15.60 -0.86 -0.49	15.56 -0.87 -0.57	15.72 -0.96 -0.64	19.50 -1.23 -0.29	22.22 -1.45 -0.64	25.62 -1.78 0.00	26.25 -1.29 -0.09	24.43 -1.61 0.00	20.24 -0.87 0.00	18.25 -0.74 0.00
NGRID_A2_DSASP 323793	9.99 -0.24 -1.30	9.84 -0.23 -1.06	9.83 -0.22 -1.05	9.20 -0.19 -1.11	9.94 -0.27 -1.04	10.88 -0.36 -1.12	14.95 -0.65 -1.18	19.33 -1.61 -0.58	19.00 -1.41 -0.03	18.50 -1.04 0.00	18.41 -1.01 0.00	17.37 -0.99 -0.02	17.50 -0.92 0.00	15.73 -0.89 -0.45	15.60 -0.86 -0.49	15.56 -0.87 -0.57	15.72 -0.96 -0.64	19.50 -1.23 -0.29	22.22 -1.45 -0.64	25.62 -1.78 0.00	26.25 -1.29 -0.09	24.43 -1.61 0.00	20.24 -0.87 0.00	18.25 -0.74 0.00
NGRID_A4_DSASP 323807	9.99 -0.24 -1.30	9.84 -0.23 -1.06	9.83 -0.23 -1.05	9.20 -0.19 -1.11	9.94 -0.28 -1.04	10.88 -0.36 -1.12	14.95 -0.65 -1.18	19.33 -1.61 -0.58	19.00 -1.41 -0.03	18.50 -1.04 0.00	18.67 -0.76 0.00	17.34 -1.03 -0.02	17.50 -0.92 0.00	15.73 -0.89 -0.45	15.60 -0.86 -0.49	15.56 -0.87 -0.57	15.72 -0.96 -0.64	19.50 -1.23 -0.29	22.22 -1.45 -0.63	25.59 -1.81 0.00	25.26 -2.28 -0.09	24.40 -1.64 0.00	20.24 -0.87 0.00	18.25 -0.74 0.00
NIAGARA_115E_LBMP 323715	10.01 -0.22 -1.30	9.86 -0.21 -1.06	9.84 -0.21 -1.05	9.23 -0.17 -1.11	9.96 -0.25 -1.04	10.90 -0.33 -1.12	14.94 -0.65 -1.18	19.33 -1.61 -0.58	19.00 -1.41 -0.03	18.50 -1.04 0.00	18.41 -1.01 0.00	17.37 -0.99 -0.02	17.48 -0.94 0.00	15.72 -0.91 -0.45	15.58 -0.88 -0.49	15.54 -0.89 -0.57	15.70 -0.98 -0.64	19.48 -1.25 -0.29	22.19 -1.47 -0.63	25.62 -1.78 0.00	26.28 -1.26 -0.09	24.45 -1.59 0.00	20.26 -0.84 0.00	18.27 -0.72 0.00

NIAGARA_115W_LBMP 323714	9.97 -0.26 -1.30	9.82 -0.25 -1.06	9.81 -0.24 -1.05	9.18 -0.22 -1.11	9.92 -0.29 -1.04	10.85 -0.38 -1.12	14.90 -0.69 -1.18	19.29 -1.65 -0.58	18.96 -1.45 -0.03	18.46 -1.07 0.00	18.36 -1.07 0.00	17.34 -1.03 -0.02	17.44 -0.98 0.00	15.68 -0.94 -0.45	15.56 -0.89 -0.49	15.53 -0.90 -0.57	15.69 -0.99 -0.64	19.46 -1.27 -0.29	22.17 -1.50 -0.63	25.54 -1.86 0.00	26.17 -1.37 -0.09	24.38 -1.67 0.00	20.20 -0.91 0.00	18.20 -0.80 0.00
NIAGARA_230_LBMP 323716	10.08 -0.13 -1.28	9.93 -0.13 -1.04	9.92 -0.12 -1.03	9.28 -0.09 -1.09	10.03 -0.16 -1.02	10.98 -0.24 -1.10	15.10 -0.48 -1.16	19.60 -1.32 -0.57	19.26 -1.14 -0.03	18.76 -0.78 0.00	18.67 -0.76 0.00	17.61 -0.75 -0.02	17.72 -0.70 0.00	15.92 -0.70 -0.44	15.78 -0.67 -0.48	15.76 -0.67 -0.56	15.92 -0.75 -0.63	19.76 -0.96 -0.29	22.49 -1.17 -0.62	25.98 -1.43 0.00	26.58 -0.96 -0.09	24.79 -1.25 0.00	20.49 -0.61 0.00	18.48 -0.51 0.00
NIAGARA__115KV_198_GIBSON 55903	9.97 -0.26 -1.30	9.82 -0.25 -1.06	9.81 -0.24 -1.05	9.18 -0.22 -1.11	9.92 -0.29 -1.04	10.85 -0.38 -1.12	14.90 -0.69 -1.18	19.29 -1.65 -0.58	18.96 -1.45 -0.03	18.46 -1.07 0.00	18.61 -0.82 0.00	17.30 -1.06 -0.02	17.44 -0.98 0.00	15.68 -0.94 -0.45	15.56 -0.89 -0.49	15.53 -0.90 -0.57	15.69 -0.99 -0.64	19.46 -1.27 -0.29	22.17 -1.50 -0.63	25.54 -1.86 0.00	25.18 -2.36 -0.09	24.35 -1.69 0.00	20.20 -0.91 0.00	18.20 -0.80 0.00
NIAGARA____ 23760	9.99 -0.24 -1.30	9.84 -0.23 -1.06	9.83 -0.22 -1.05	9.20 -0.19 -1.11	9.94 -0.27 -1.04	10.87 -0.36 -1.12	14.94 -0.65 -1.18	19.40 -1.53 -0.58	19.08 -1.32 -0.03	18.58 -0.96 0.00	18.49 -0.93 0.00	17.43 -0.93 -0.02	17.56 -0.87 0.00	15.78 -0.84 -0.45	15.64 -0.81 -0.49	15.60 -0.83 -0.57	15.77 -0.91 -0.64	19.58 -1.14 -0.29	22.31 -1.36 -0.63	25.76 -1.64 0.00	26.39 -1.15 -0.09	24.56 -1.48 0.00	20.33 -0.78 0.00	18.27 -0.72 0.00
NINE_MILE_1 23575	9.32 -0.14 -0.53	9.30 -0.14 -0.43	9.29 -0.14 -0.43	8.60 -0.13 -0.45	9.45 -0.15 -0.42	10.40 -0.17 -0.46	14.65 -0.25 -0.48	20.15 -0.45 -0.24	19.96 -0.43 -0.01	19.17 -0.37 0.00	19.08 -0.35 0.00	17.99 -0.37 -0.01	18.05 -0.37 0.00	16.04 -0.32 -0.19	15.85 -0.32 -0.20	15.78 -0.32 -0.24	15.97 -0.34 -0.27	20.15 -0.41 -0.12	22.84 -0.46 -0.26	26.85 -0.55 0.00	27.01 -0.44 0.00	25.58 -0.47 0.00	20.75 -0.36 0.00	18.65 -0.34 0.00
NINE_MILE_2 23744	9.32 -0.14 -0.53	9.30 -0.14 -0.43	9.29 -0.14 -0.42	8.60 -0.13 -0.45	9.45 -0.15 -0.42	10.41 -0.16 -0.46	14.65 -0.25 -0.48	20.16 -0.43 -0.24	19.96 -0.43 -0.01	19.17 -0.37 0.00	19.08 -0.35 0.00	17.99 -0.37 -0.01	18.05 -0.37 0.00	16.05 -0.31 -0.18	15.85 -0.32 -0.20	15.78 -0.32 -0.24	15.98 -0.32 -0.26	20.15 -0.41 -0.12	22.83 -0.46 -0.26	26.85 -0.55 0.00	27.01 -0.44 0.00	25.58 -0.47 0.00	20.75 -0.36 0.00	18.65 -0.34 0.00
NM_CAPITAL____DRP 24208	19.41 0.36 -10.12	17.64 0.38 -8.25	17.55 0.39 -8.16	17.31 0.36 -8.67	17.68 0.39 -8.12	19.28 0.42 -8.74	24.16 0.56 -9.19	25.65 0.73 -4.56	21.46 0.86 -0.22	20.30 0.76 0.00	20.14 0.72 0.00	19.28 0.77 -0.16	19.19 0.77 0.00	20.37 0.66 -3.53	20.53 0.67 -3.89	21.04 0.65 -4.53	21.79 0.66 -5.09	23.41 0.80 -2.17	28.60 0.92 -4.65	28.50 1.10 0.00	29.78 1.07 -1.26	27.01 0.96 0.00	21.93 0.82 0.00	19.72 0.72 0.00
NM_CENTRAL____DRP 24181	9.73 0.05 -0.74	9.67 0.05 -0.60	9.66 0.05 -0.60	8.97 0.05 -0.64	9.82 0.06 -0.59	10.82 0.06 -0.64	15.19 0.10 -0.67	20.69 0.00 -0.33	20.44 0.04 -0.02	19.65 0.12 0.00	19.58 0.16 0.00	18.41 0.06 -0.01	18.48 0.06 0.00	16.50 0.06 -0.26	16.30 0.05 -0.29	16.24 0.05 -0.34	16.47 0.05 -0.38	20.67 0.06 -0.17	23.44 0.05 -0.36	27.46 0.05 0.00	27.58 0.08 -0.05	26.17 0.13 0.00	21.21 0.11 0.00	19.07 0.08 0.00
NM_FRONTIER____DRP 24179	9.97 -0.26 -1.30	9.82 -0.25 -1.06	9.81 -0.24 -1.05	9.18 -0.22 -1.11	9.92 -0.29 -1.04	10.85 -0.38 -1.12	14.90 -0.69 -1.18	19.29 -1.65 -0.58	18.96 -1.45 -0.03	18.46 -1.07 0.00	18.61 -0.82 0.00	17.30 -1.06 -0.02	17.44 -0.98 0.00	15.68 -0.94 -0.45	15.56 -0.89 -0.49	15.53 -0.90 -0.57	15.69 -0.99 -0.64	19.46 -1.27 -0.29	22.17 -1.50 -0.63	25.54 -1.86 0.00	25.18 -2.36 -0.09	24.35 -1.69 0.00	20.20 -0.91 0.00	18.20 -0.80 0.00
NM_ST_REGIS____HYD 24053	8.64 -0.29 0.00	8.74 -0.27 0.00	8.74 -0.27 0.00	8.02 -0.26 0.00	8.90 -0.27 0.00	9.81 -0.30 0.00	13.88 -0.53 0.00	19.77 -0.59 0.00	19.64 -0.73 0.00	18.78 -0.76 0.00	18.57 -0.85 0.00	17.46 -0.88 0.00	17.48 -0.94 0.00	15.28 -0.89 0.00	15.09 -0.88 0.00	14.97 -0.89 0.00	15.22 -0.82 0.00	19.44 -1.00 0.00	22.02 -1.01 0.00	26.20 -1.21 0.00	26.63 -0.82 0.00	25.37 -0.68 0.00	20.64 -0.46 0.00	18.56 -0.44 0.00
NORTHPORT____1 23551	24.64 0.86 -14.84	21.65 0.84 -11.79	19.75 0.83 -9.91	19.13 0.78 -10.07	19.93 0.82 -9.94	21.55 0.90 -10.53	28.14 1.33 -12.40	28.28 1.91 -6.01	28.28 1.63 -6.27	23.46 1.47 -2.46	25.31 1.53 -4.35	25.31 1.58 -5.39	25.36 1.68 -5.27	26.48 1.41 -8.90	27.91 1.45 -10.49	27.98 1.56 -10.56	30.38 1.52 -12.81	41.06 2.04 -18.57	44.44 2.21 -19.20	38.90 2.60 -8.89	38.87 2.47 -8.95	34.61 2.14 -6.43	27.57 1.69 -4.77	24.52 1.71 -3.81
NORTHPORT____2 23552	24.59 0.81 -14.84	21.60 0.79 -11.79	19.70 0.78 -9.91	19.09 0.74 -10.07	19.88 0.77 -9.94	21.49 0.84 -10.53	28.07 1.25 -12.40	28.18 1.81 -6.01	28.18 1.53 -6.27	23.37 1.37 -2.46	25.21 1.44 -4.35	25.22 1.49 -5.39	25.27 1.58 -5.27	26.39 1.31 -8.90	27.78 1.32 -10.48	27.84 1.43 -10.55	30.26 1.41 -12.81	40.90 1.90 -18.56	44.27 2.05 -19.19	38.67 2.38 -8.88	38.64 2.25 -8.94	34.37 1.90 -6.43	27.39 1.52 -4.76	24.40 1.60 -3.81
NORTHPORT____3 23553	24.76 0.98 -14.84	21.76 0.96 -11.79	19.86 0.94 -9.91	19.24 0.89 -10.07	20.04 0.93 -9.94	21.67 1.02 -10.53	28.33 1.51 -12.40	28.57 2.20 -6.01	28.58 1.96 -6.25	23.77 1.78 -2.45	25.60 1.85 -4.33	25.56 1.85 -5.36	25.62 1.95 -5.24	26.72 1.67 -8.87	28.12 1.69 -10.46	28.18 1.76 -10.56	30.54 1.68 -12.81	41.26 2.25 -18.57	44.67 2.44 -19.20	39.14 2.85 -8.89	39.14 2.74 -8.95	34.85 2.37 -6.43	27.86 1.98 -4.77	24.78 1.98 -3.81
NORTHPORT____4 23650	24.76 0.98 -14.84	21.76 0.96 -11.79	19.86 0.94 -9.91	19.24 0.89 -10.07	20.04 0.93 -9.94	21.67 1.02 -10.53	28.33 1.51 -12.40	28.57 2.20 -6.01	28.58 1.96 -6.25	23.77 1.78 -2.45	25.60 1.85 -4.33	25.56 1.85 -5.36	25.62 1.95 -5.24	26.72 1.67 -8.87	28.12 1.69 -10.46	28.18 1.76 -10.56	30.54 1.68 -12.81	41.26 2.25 -18.57	44.67 2.44 -19.20	39.14 2.85 -8.89	39.14 2.74 -8.95	34.85 2.37 -6.43	27.86 1.98 -4.77	24.78 1.98 -3.81
NORTHPORT____IC 23718	24.64 0.86 -14.84	21.65 0.84 -11.79	19.75 0.83 -9.91	19.13 0.78 -10.07	19.93 0.82 -9.94	21.55 0.90 -10.53	28.14 1.33 -12.40	28.28 1.91 -6.01	28.28 1.63 -6.27	23.46 1.47 -2.46	25.31 1.53 -4.35	25.31 1.58 -5.39	25.36 1.68 -5.27	26.48 1.41 -8.90	27.91 1.45 -10.49	27.98 1.56 -10.56	30.38 1.52 -12.81	41.06 2.04 -18.57	44.44 2.21 -19.20	38.90 2.60 -8.89	38.87 2.47 -8.95	34.61 2.14 -6.43	27.57 1.69 -4.77	24.52 1.71 -3.81

NORTH__COUNTRY_ESR 323785	8.67 -0.27 0.00	8.79 -0.23 0.00	8.78 -0.22 0.00	8.05 -0.23 0.00	8.95 -0.22 0.00	9.90 -0.21 0.00	14.11 -0.30 0.00	20.23 -0.12 0.00	20.17 -0.20 0.00	19.28 -0.25 0.00	19.04 -0.39 0.00	17.89 -0.46 0.00	17.94 -0.48 0.00	15.70 -0.47 0.00	15.57 -0.40 0.00	15.46 -0.40 0.00	15.72 -0.32 0.00	20.07 -0.37 0.00	22.76 -0.28 0.00	27.05 -0.36 0.00	27.09 -0.36 0.00	25.70 -0.34 0.00	20.86 -0.25 0.00	18.77 -0.23 0.00
NPX_GEN_1385_PROXY 323591	24.59 0.81 -14.84	21.60 0.79 -11.79	19.70 0.78 -9.91	19.09 0.74 -10.07	19.88 0.77 -9.94	21.49 0.84 -10.53	28.07 1.25 -12.40	28.22 1.85 -6.01	28.18 1.53 -6.27	23.37 1.37 -2.46	25.21 1.44 -4.35	25.22 1.49 -5.39	25.31 1.62 -5.27	26.39 1.31 -8.90	27.81 1.36 -10.48	27.87 1.46 -10.55	30.29 1.44 -12.81	40.95 1.94 -18.56	44.32 2.10 -19.19	38.72 2.44 -8.88	38.70 2.31 -8.94	34.37 1.90 -6.43	27.39 1.52 -4.76	24.40 1.60 -3.81
NPX_GEN_CSC 323557	24.57 0.79 -14.84	21.62 0.81 -11.79	19.73 0.81 -9.91	19.12 0.76 -10.07	19.91 0.80 -9.94	21.52 0.87 -10.53	28.04 1.22 -12.40	28.06 1.69 -6.01	27.97 1.34 -6.25	23.16 1.17 -2.45	24.96 1.20 -4.33	24.97 1.26 -5.36	24.99 1.33 -5.24	26.23 1.18 -8.88	27.66 1.23 -10.46	27.78 1.36 -10.56	30.23 1.38 -12.81	40.91 1.90 -18.57	44.28 2.05 -19.20	38.71 2.41 -8.89	38.68 2.28 -8.95	34.43 1.95 -6.43	27.44 1.56 -4.77	24.31 1.50 -3.81
NSINS_S_GLNS_FALLS 23858	19.98 0.49 -10.56	18.11 0.49 -8.61	18.03 0.51 -8.51	17.79 0.46 -9.05	18.17 0.53 -8.47	19.84 0.61 -9.12	24.98 0.98 -9.59	26.37 1.24 -4.77	22.26 1.65 -0.23	21.04 1.50 0.00	20.77 1.34 0.00	19.83 1.32 -0.17	19.78 1.36 0.00	21.02 1.16 -3.68	21.15 1.17 -4.02	21.68 1.14 -4.68	22.47 1.17 -5.26	24.30 1.61 -2.25	29.75 1.91 -4.80	29.81 2.41 0.00	31.65 2.50 -1.70	28.34 2.29 0.00	22.84 1.73 0.00	20.46 1.46 0.00
NUCOR_STEEL__DRP 24197	10.14 0.21 -1.00	10.04 0.21 -0.81	10.02 0.21 -0.80	9.33 0.19 -0.86	10.18 0.21 -0.80	11.23 0.25 -0.86	15.67 0.35 -0.91	21.17 0.37 -0.45	20.77 0.37 -0.02	19.95 0.41 0.00	19.89 0.47 0.00	18.69 0.33 -0.02	18.73 0.31 0.00	16.80 0.27 -0.35	16.64 0.29 -0.38	16.56 0.25 -0.45	16.81 0.27 -0.50	21.03 0.37 -0.22	23.89 0.37 -0.49	27.92 0.52 0.00	28.09 0.58 -0.07	26.70 0.65 0.00	21.59 0.49 0.00	19.41 0.42 0.00
NUMBER_THREE_WT_PWR 323818	9.27 0.03 -0.31	9.30 0.04 -0.25	9.37 0.12 -0.25	8.65 0.10 -0.27	9.56 0.15 -0.25	10.56 0.17 -0.27	14.95 0.26 -0.28	20.74 0.25 -0.14	20.47 0.08 -0.01	19.62 0.08 0.00	19.46 0.04 0.00	18.26 -0.09 -0.01	18.29 -0.13 0.00	16.05 -0.24 -0.11	15.80 -0.29 -0.12	15.75 -0.25 -0.14	15.99 -0.21 -0.16	20.45 -0.06 -0.07	23.26 0.07 -0.16	27.62 0.22 0.00	27.86 0.41 0.00	26.59 0.55 0.00	21.51 0.40 0.00	19.34 0.34 0.00
NYISO_LBMP_REFERENCE 24008	8.94 0.00 0.00	9.01 0.00 0.00	9.01 0.00 0.00	8.28 0.00 0.00	9.17 0.00 0.00	10.12 0.00 0.00	14.41 0.00 0.00	20.36 0.00 0.00	20.38 0.00 0.00	19.54 0.00 0.00	19.43 0.00 0.00	18.34 0.00 0.00	18.42 0.00 0.00	16.17 0.00 0.00	15.97 0.00 0.00	15.86 0.00 0.00	16.04 0.00 0.00	20.44 0.00 0.00	23.03 0.00 0.00	27.40 0.00 0.00	27.45 0.00 0.00	26.04 0.00 0.00	21.11 0.00 0.00	18.99 0.00 0.00
NYPA_BRENTWD__GT 24164	24.72 0.94 -14.84	21.73 0.92 -11.79	19.83 0.91 -9.91	19.21 0.85 -10.07	20.01 0.90 -9.94	21.64 0.99 -10.53	28.27 1.46 -12.40	28.49 2.12 -6.01	28.39 1.79 -6.22	23.60 1.62 -2.44	25.41 1.67 -4.31	25.39 1.71 -5.34	25.46 1.82 -5.22	26.56 1.54 -8.84	27.99 1.60 -10.42	28.13 1.71 -10.56	30.55 1.70 -12.81	41.30 2.29 -18.57	44.74 2.51 -19.20	39.25 2.96 -8.89	39.23 2.83 -8.95	34.90 2.42 -6.43	27.80 1.92 -4.77	24.69 1.88 -3.81
NYPA_GOWANUS__GT5 24156	17.80 0.88 -7.99	16.35 0.83 -6.51	16.25 0.81 -6.43	15.90 0.77 -6.85	16.34 0.77 -6.40	17.84 0.83 -6.89	22.90 1.24 -7.25	25.75 1.79 -3.60	22.39 1.83 -0.18	21.18 1.64 0.00	21.19 1.77 0.00	20.25 1.78 -0.13	20.17 1.75 0.00	20.54 1.59 -2.78	20.62 1.61 -3.04	21.07 1.66 -3.54	21.61 1.59 -3.98	24.48 2.11 -1.94	29.66 2.23 -4.39	29.98 2.58 0.00	30.47 2.44 -0.58	28.26 2.21 0.00	22.75 1.65 0.00	20.74 1.75 0.00
NYPA_GOWANUS__GT6 24157	17.80 0.88 -7.99	16.35 0.83 -6.51	16.25 0.81 -6.43	15.90 0.77 -6.85	16.34 0.77 -6.40	17.84 0.83 -6.89	22.90 1.24 -7.25	25.75 1.79 -3.60	22.39 1.83 -0.18	21.18 1.64 0.00	21.19 1.77 0.00	20.25 1.78 -0.13	20.17 1.75 0.00	20.54 1.59 -2.78	20.62 1.61 -3.04	21.07 1.66 -3.54	21.61 1.59 -3.98	24.48 2.11 -1.94	29.66 2.23 -4.39	29.98 2.58 0.00	30.47 2.44 -0.58	28.26 2.21 0.00	22.75 1.65 0.00	20.74 1.75 0.00
NYPA_HARLEM_RVR_GT1 24160	17.80 0.88 -7.99	16.38 0.85 -6.51	16.28 0.83 -6.44	15.92 0.79 -6.85	16.38 0.80 -6.41	17.86 0.85 -6.89	22.81 1.15 -7.25	25.59 1.65 -3.59	22.26 1.71 -0.17	21.05 1.52 0.01	21.05 1.63 0.01	20.13 1.67 -0.12	20.05 1.64 0.01	20.41 1.47 -2.77	20.50 1.50 -3.03	20.95 1.56 -3.53	21.48 1.47 -3.97	24.31 1.94 -1.93	29.44 2.03 -4.38	29.72 2.33 0.01	30.22 2.20 -0.57	27.99 1.95 0.01	22.56 1.46 0.00	20.72 1.73 0.00
NYPA_HARLEM_RVR_GT2 24161	17.80 0.88 -7.99	16.38 0.85 -6.51	16.28 0.83 -6.44	15.92 0.79 -6.85	16.38 0.80 -6.41	17.86 0.85 -6.89	22.81 1.15 -7.25	25.59 1.65 -3.59	22.26 1.71 -0.17	21.05 1.52 0.01	21.05 1.63 0.01	20.13 1.67 -0.12	20.05 1.64 0.01	20.41 1.47 -2.77	20.50 1.50 -3.03	20.95 1.56 -3.53	21.48 1.47 -3.97	24.31 1.94 -1.93	29.44 2.03 -4.38	29.72 2.33 0.01	30.22 2.20 -0.57	27.99 1.95 0.01	22.56 1.46 0.00	20.72 1.73 0.00
NYPA_KENT__GT 24152	17.78 0.86 -7.99	16.33 0.81 -6.51	16.23 0.79 -6.43	15.88 0.75 -6.85	16.33 0.76 -6.40	17.83 0.82 -6.89	22.88 1.22 -7.25	25.72 1.77 -3.60	22.37 1.81 -0.18	21.18 1.64 0.00	21.17 1.75 0.00	20.23 1.76 -0.13	20.15 1.73 0.00	20.52 1.57 -2.78	20.60 1.60 -3.04	21.05 1.65 -3.54	21.59 1.57 -3.98	24.44 2.06 -1.94	29.61 2.19 -4.39	29.92 2.52 0.00	30.42 2.39 -0.58	28.20 2.16 0.00	22.71 1.60 0.00	20.70 1.71 0.00
NYPA_POUCH1__GT 24155	17.84 0.92 -7.99	16.41 0.89 -6.51	16.30 0.86 -6.43	15.95 0.82 -6.85	16.41 0.83 -6.40	17.88 0.87 -6.89	22.94 1.28 -7.25	25.82 1.87 -3.60	22.35 1.79 -0.18	21.14 1.60 0.00	21.14 1.71 0.00	20.20 1.72 -0.13	20.15 1.73 0.00	20.50 1.55 -2.78	20.64 1.63 -3.04	21.08 1.68 -3.54	21.64 1.62 -3.98	24.54 2.17 -1.94	29.73 2.30 -4.39	30.09 2.69 0.00	30.61 2.58 -0.58	28.39 2.34 0.00	22.86 1.75 0.00	20.87 1.88 0.00
NYPA_VERNON__GT2 24162	17.76 0.84 -7.99	16.32 0.80 -6.51	16.22 0.78 -6.43	15.88 0.75 -6.85	16.33 0.75 -6.40	17.83 0.82 -6.89	22.87 1.21 -7.25	25.70 1.75 -3.60	22.37 1.81 -0.18	21.18 1.64 0.00	21.15 1.73 0.00	20.22 1.74 -0.13	20.13 1.71 0.00	20.50 1.55 -2.78	20.59 1.58 -3.04	21.02 1.62 -3.54	21.57 1.56 -3.98	24.42 2.04 -1.94	29.56 2.14 -4.39	29.87 2.47 0.00	30.36 2.33 -0.58	28.15 2.11 0.00	22.69 1.58 0.00	20.67 1.67 0.00

NYPA_VERNON___GT3 24163	17.76 0.84 -7.99	16.32 0.80 -6.51	16.22 0.78 -6.43	15.88 0.75 -6.85	16.33 0.75 -6.40	17.83 0.82 -6.89	22.87 1.21 -7.25	25.70 1.75 -3.60	22.37 1.81 -0.18	21.18 1.64 0.00	21.15 1.73 0.00	20.22 1.74 -0.13	20.13 1.71 0.00	20.50 1.55 -2.78	20.59 1.58 -3.04	21.02 1.62 -3.54	21.57 1.56 -3.98	24.42 2.04 -1.94	29.56 2.14 -4.39	29.87 2.47 0.00	30.36 2.33 -0.58	28.15 2.11 0.00	22.69 1.58 0.00	20.67 1.67 0.00
NYPA___ASTORIA_CC1 323568	17.76 0.84 -7.99	16.32 0.80 -6.51	16.22 0.78 -6.43	15.87 0.75 -6.85	16.33 0.75 -6.40	17.82 0.81 -6.89	22.86 1.20 -7.25	25.66 1.71 -3.60	22.33 1.77 -0.18	21.14 1.60 0.00	21.14 1.71 0.00	20.20 1.72 -0.13	20.11 1.69 0.00	20.49 1.54 -2.78	20.57 1.57 -3.04	21.00 1.60 -3.54	21.56 1.54 -3.98	24.38 2.00 -1.94	29.52 2.10 -4.39	29.81 2.41 0.00	30.31 2.28 -0.58	28.10 2.06 0.00	22.65 1.54 0.00	20.65 1.65 0.00
NYPA___ASTORIA_CC2 323569	17.76 0.84 -7.99	16.32 0.80 -6.51	16.22 0.78 -6.43	15.87 0.75 -6.85	16.33 0.75 -6.40	17.82 0.81 -6.89	22.86 1.20 -7.25	25.66 1.71 -3.60	22.33 1.77 -0.18	21.14 1.60 0.00	21.14 1.71 0.00	20.20 1.72 -0.13	20.11 1.69 0.00	20.49 1.54 -2.78	20.57 1.57 -3.04	21.00 1.60 -3.54	21.56 1.54 -3.98	24.38 2.00 -1.94	29.52 2.10 -4.39	29.81 2.41 0.00	30.31 2.28 -0.58	28.10 2.06 0.00	22.65 1.54 0.00	20.65 1.65 0.00
NYPA___HOLTSVILL 23794	24.66 0.88 -14.84	21.67 0.87 -11.79	19.78 0.86 -9.91	19.17 0.81 -10.07	19.96 0.85 -9.94	21.58 0.93 -10.53	28.17 1.35 -12.40	28.34 1.97 -6.01	28.26 1.63 -6.25	23.43 1.45 -2.45	25.26 1.50 -4.33	25.23 1.52 -5.37	25.31 1.64 -5.25	26.44 1.39 -8.88	27.90 1.47 -10.46	28.01 1.59 -10.56	30.44 1.59 -12.81	41.16 2.15 -18.57	44.53 2.30 -19.20	39.01 2.71 -8.89	39.01 2.61 -8.95	34.69 2.21 -6.43	27.65 1.77 -4.77	24.52 1.71 -3.81
NYPA___HELLGATE_GT1 24158	17.80 0.88 -7.99	16.38 0.85 -6.51	16.28 0.83 -6.44	15.92 0.79 -6.85	16.38 0.80 -6.41	17.86 0.85 -6.89	22.81 1.15 -7.25	25.59 1.65 -3.59	22.26 1.71 -0.17	21.05 1.52 0.01	21.05 1.63 0.01	20.13 1.67 -0.12	20.05 1.64 0.01	20.41 1.47 -2.77	20.50 1.50 -3.03	20.95 1.56 -3.53	21.48 1.47 -3.97	24.31 1.94 -1.93	29.44 2.03 -4.38	29.72 2.33 0.01	30.22 2.20 -0.57	27.99 1.95 0.01	22.56 1.46 0.00	20.72 1.73 0.00
NYPA___HELLGATE_GT2 24159	17.80 0.88 -7.99	16.38 0.85 -6.51	16.28 0.83 -6.44	15.92 0.79 -6.85	16.38 0.80 -6.41	17.86 0.85 -6.89	22.81 1.15 -7.25	25.59 1.65 -3.59	22.26 1.71 -0.17	21.05 1.52 0.01	21.05 1.63 0.01	20.13 1.67 -0.12	20.05 1.64 0.01	20.41 1.47 -2.77	20.50 1.50 -3.03	20.95 1.56 -3.53	21.48 1.47 -3.97	24.31 1.94 -1.93	29.44 2.03 -4.38	29.72 2.33 0.01	30.22 2.20 -0.57	27.99 1.95 0.01	22.56 1.46 0.00	20.72 1.73 0.00
NYS_BARGE___HYD 23848	10.11 -0.10 -1.27	9.96 -0.09 -1.04	9.95 -0.08 -1.02	9.30 -0.07 -1.09	10.07 -0.12 -1.02	11.03 -0.18 -1.10	15.15 -0.42 -1.15	19.64 -1.28 -0.57	19.32 -1.08 -0.03	18.82 -0.72 0.00	18.73 -0.70 0.00	17.65 -0.72 -0.02	17.76 -0.66 0.00	15.95 -0.66 -0.44	15.79 -0.66 -0.48	15.75 -0.67 -0.56	15.93 -0.74 -0.63	19.78 -0.94 -0.28	22.55 -1.11 -0.62	26.06 -1.34 0.00	26.74 -0.80 -0.09	24.93 -1.12 0.00	20.62 -0.48 0.00	18.58 -0.42 0.00
OAK ORCHARD___HYD 24046	10.02 0.08 -1.01	9.91 0.08 -0.82	9.91 0.09 -0.81	9.22 0.07 -0.86	10.06 0.08 -0.81	11.05 0.06 -0.87	15.34 0.01 -0.91	20.44 -0.37 -0.45	20.07 -0.33 -0.02	19.40 -0.14 0.00	19.35 -0.08 0.00	18.16 -0.20 -0.02	18.33 -0.09 0.00	16.43 -0.10 -0.35	16.25 -0.10 -0.38	16.21 -0.09 -0.45	16.40 -0.14 -0.50	20.50 -0.16 -0.23	23.30 -0.23 -0.49	27.10 -0.30 0.00	27.57 0.06 -0.07	25.81 -0.23 0.00	21.11 0.00 0.00	18.98 -0.02 0.00
OAKDALE___35_KV_LOAD 356122	11.78 0.21 -2.64	11.37 0.21 -2.15	11.34 0.21 -2.13	10.74 0.20 -2.26	11.49 0.20 -2.12	12.62 0.22 -2.28	17.13 0.32 -2.40	21.79 0.24 -1.19	20.74 0.31 -0.06	19.93 0.39 0.00	19.85 0.43 0.00	18.70 0.31 -0.04	18.75 0.33 0.00	17.34 0.24 -0.92	17.22 0.24 -1.01	17.27 0.24 -1.18	17.59 0.22 -1.32	21.36 0.33 -0.59	24.70 0.37 -1.30	27.90 0.49 0.00	28.10 0.44 -0.21	26.59 0.55 0.00	21.59 0.49 0.00	19.45 0.46 0.00
OCC_CHEM___DRP 24175	9.99 -0.24 -1.30	9.84 -0.23 -1.06	9.83 -0.23 -1.05	9.20 -0.19 -1.11	9.94 -0.28 -1.04	10.88 -0.36 -1.12	14.95 -0.65 -1.18	19.33 -1.61 -0.58	19.00 -1.41 -0.03	18.50 -1.04 0.00	18.67 -0.76 0.00	17.34 -1.03 -0.02	17.50 -0.92 0.00	15.73 -0.89 -0.45	15.60 -0.86 -0.49	15.56 -0.87 -0.57	15.72 -0.96 -0.64	19.50 -1.23 -0.29	22.22 -1.45 -0.63	25.59 -1.81 0.00	25.26 -2.28 -0.09	24.40 -1.64 0.00	20.24 -0.87 0.00	18.25 -0.74 0.00
OH_GEN_PROXY 24063	10.09 -0.13 -1.28	9.95 -0.11 -1.04	9.93 -0.11 -1.03	9.29 -0.08 -1.10	10.05 -0.15 -1.03	11.00 -0.22 -1.11	15.14 -0.43 -1.16	19.67 -1.26 -0.57	19.33 -1.08 -0.03	18.82 -0.72 0.00	18.73 -0.70 0.00	17.67 -0.70 -0.02	17.78 -0.65 0.00	15.97 -0.65 -0.44	15.83 -0.62 -0.49	15.79 -0.63 -0.57	15.97 -0.71 -0.64	19.83 -0.90 -0.29	22.56 -1.11 -0.63	26.06 -1.34 0.00	26.66 -0.88 -0.09	24.87 -1.17 0.00	20.56 -0.55 0.00	18.52 -0.47 0.00
OLIN_CORP_DRP 24177	10.04 -0.21 -1.31	9.88 -0.20 -1.07	9.87 -0.19 -1.05	9.24 -0.16 -1.12	9.98 -0.24 -1.05	10.93 -0.31 -1.13	14.98 -0.62 -1.19	19.37 -1.57 -0.58	19.04 -1.37 -0.03	18.54 -1.00 0.00	18.71 -0.72 0.00	17.37 -0.99 -0.02	17.52 -0.90 0.00	15.75 -0.87 -0.45	15.62 -0.85 -0.50	15.58 -0.86 -0.58	15.76 -0.93 -0.65	19.54 -1.19 -0.29	22.27 -1.41 -0.64	25.68 -1.73 0.00	25.35 -2.20 -0.09	24.48 -1.56 0.00	20.31 -0.80 0.00	18.31 -0.68 0.00
OLIN_CORP_DSASP 323712	9.99 -0.24 -1.30	9.84 -0.23 -1.06	9.83 -0.22 -1.05	9.20 -0.19 -1.11	9.94 -0.27 -1.04	10.88 -0.36 -1.12	14.95 -0.65 -1.18	19.33 -1.61 -0.58	19.00 -1.41 -0.03	18.50 -1.04 0.00	18.41 -1.01 0.00	17.37 -0.99 -0.02	17.50 -0.92 0.00	15.73 -0.89 -0.45	15.60 -0.86 -0.49	15.56 -0.87 -0.57	15.72 -0.96 -0.64	19.50 -1.23 -0.29	22.22 -1.45 -0.64	25.62 -1.78 0.00	26.25 -1.29 -0.09	24.43 -1.61 0.00	20.24 -0.87 0.00	18.25 -0.74 0.00
ONEIDA_HERK_LFGE 323681	9.35 0.13 -0.28	9.38 0.14 -0.23	9.40 0.17 -0.22	8.67 0.15 -0.24	9.59 0.20 -0.22	10.58 0.22 -0.24	15.01 0.35 -0.25	20.83 0.35 -0.12	20.71 0.33 -0.01	19.87 0.33 0.00	19.74 0.31 0.00	18.53 0.18 0.00	18.57 0.15 0.00	16.37 0.10 -0.10	16.11 0.03 -0.11	16.05 0.06 -0.13	16.28 0.10 -0.15	20.69 0.18 -0.07	23.48 0.30 -0.15	27.87 0.47 0.00	28.03 0.58 0.00	26.72 0.68 0.00	21.61 0.51 0.00	19.43 0.44 0.00
ONEIDA___115KV_TB4 55905	9.68 0.25 -0.50	9.67 0.25 -0.41	9.67 0.26 -0.40	8.94 0.23 -0.43	9.85 0.28 -0.40	10.86 0.31 -0.43	15.35 0.49 -0.45	21.09 0.51 -0.22	21.04 0.65 -0.01	20.20 0.66 0.00	20.11 0.68 0.00	18.83 0.48 -0.01	18.88 0.46 0.00	16.81 0.44 -0.20	16.54 0.35 -0.22	16.49 0.38 -0.26	16.76 0.43 -0.29	20.98 0.43 -0.11	23.83 0.55 -0.24	28.17 0.77 0.00	28.36 0.91 0.00	26.96 0.91 0.00	21.80 0.70 0.00	19.60 0.61 0.00

ONONDAGA_REF_OCCRA 23987	9.93 0.08 -0.91	9.84 0.08 -0.75	9.82 0.08 -0.74	9.14 0.07 -0.78	9.99 0.08 -0.73	11.00 0.09 -0.79	15.39 0.14 -0.83	20.85 0.08 -0.41	20.50 0.10 -0.02	19.71 0.18 0.00	19.64 0.21 0.00	18.47 0.11 -0.01	18.53 0.11 0.00	16.59 0.10 -0.32	16.42 0.10 -0.35	16.37 0.10 -0.41	16.60 0.10 -0.46	20.79 0.14 -0.21	23.62 0.14 -0.45	27.59 0.19 0.00	27.73 0.22 -0.06	26.30 0.26 0.00	21.32 0.21 0.00	19.16 0.17 0.00
ONONDAGA___COGEN 23986	9.87 0.10 -0.84	9.80 0.10 -0.68	9.78 0.10 -0.67	9.09 0.09 -0.72	9.94 0.10 -0.67	10.95 0.11 -0.72	15.35 0.17 -0.76	20.86 0.12 -0.38	20.52 0.12 -0.02	19.73 0.20 0.00	19.68 0.25 0.00	18.50 0.15 -0.01	18.55 0.13 0.00	16.60 0.13 -0.29	16.42 0.13 -0.32	16.35 0.11 -0.38	16.57 0.11 -0.42	20.79 0.16 -0.19	23.61 0.16 -0.41	27.59 0.19 0.00	27.75 0.25 -0.05	26.36 0.31 0.00	21.34 0.23 0.00	19.18 0.19 0.00
ONTARIO___LFGE 23819	9.95 0.09 -0.93	9.86 0.09 -0.76	9.85 0.10 -0.75	9.16 0.08 -0.80	10.02 0.10 -0.74	11.03 0.11 -0.80	15.40 0.14 -0.84	20.73 -0.04 -0.42	20.38 -0.02 -0.02	19.64 0.10 0.00	19.56 0.14 0.00	18.38 0.02 -0.01	18.44 0.02 0.00	16.55 0.05 -0.32	16.35 0.03 -0.35	16.29 0.02 -0.41	16.50 0.00 -0.46	20.67 0.02 -0.21	23.49 0.00 -0.46	27.40 0.00 0.00	27.81 0.30 -0.06	26.18 0.13 0.00	21.26 0.15 0.00	19.09 0.10 0.00
ORANGEVILLE_WT_PWR 323706	10.53 0.01 -1.59	10.32 0.01 -1.30	10.30 0.02 -1.28	9.68 0.03 -1.36	10.44 0.00 -1.27	11.46 -0.03 -1.37	15.76 -0.10 -1.44	20.37 -0.69 -0.71	19.94 -0.47 -0.03	19.36 -0.18 0.00	19.25 -0.18 0.00	18.13 -0.24 -0.03	18.22 -0.20 0.00	16.41 -0.31 -0.55	16.28 -0.29 -0.60	16.24 -0.32 -0.70	16.44 -0.39 -0.79	20.36 -0.43 -0.35	23.30 -0.51 -0.77	26.91 -0.49 0.00	27.56 0.00 -0.11	25.78 -0.26 0.00	21.19 0.08 0.00	19.11 0.11 0.00
ORANGEVILLE___ESR 323794	10.53 0.01 -1.59	10.32 0.01 -1.30	10.30 0.02 -1.28	9.68 0.03 -1.36	10.44 0.00 -1.27	11.46 -0.03 -1.37	15.76 -0.10 -1.44	20.37 -0.69 -0.71	19.94 -0.47 -0.03	19.36 -0.18 0.00	19.25 -0.18 0.00	18.13 -0.24 -0.03	18.22 -0.20 0.00	16.41 -0.31 -0.55	16.28 -0.29 -0.60	16.24 -0.32 -0.70	16.44 -0.39 -0.79	20.36 -0.43 -0.35	23.30 -0.51 -0.77	26.91 -0.49 0.00	27.56 0.00 -0.11	25.78 -0.26 0.00	21.19 0.08 0.00	19.11 0.11 0.00
OSWEGATCHIE___HYD 24044	9.01 -0.15 -0.23	9.06 -0.13 -0.18	9.09 -0.10 -0.18	8.37 -0.11 -0.19	9.27 -0.08 -0.18	10.21 -0.10 -0.20	14.43 -0.19 -0.21	20.17 -0.29 -0.10	19.89 -0.49 0.00	19.05 -0.49 0.00	18.88 -0.54 0.00	17.72 -0.62 0.00	17.76 -0.66 0.00	15.59 -0.66 -0.08	15.37 -0.69 -0.09	15.28 -0.68 -0.10	15.53 -0.63 -0.12	19.80 -0.70 -0.05	22.51 -0.64 -0.12	26.72 -0.68 0.00	26.98 -0.47 0.00	25.86 -0.18 0.00	21.00 -0.11 0.00	18.88 -0.11 0.00
OSWEGO___5 23606	9.46 -0.08 -0.61	9.43 -0.08 -0.49	9.41 -0.08 -0.49	8.72 -0.07 -0.52	9.57 -0.08 -0.49	10.55 -0.09 -0.52	14.83 -0.13 -0.55	20.34 -0.29 -0.27	20.11 -0.29 -0.01	19.32 -0.21 0.00	19.21 -0.21 0.00	18.12 -0.24 -0.01	18.18 -0.24 0.00	16.18 -0.21 -0.21	15.99 -0.21 -0.23	15.92 -0.21 -0.27	16.12 -0.22 -0.30	20.31 -0.27 -0.14	23.03 -0.30 -0.30	27.05 -0.36 0.00	27.20 -0.25 0.00	25.76 -0.29 0.00	20.90 -0.21 0.00	18.80 -0.19 0.00
OSWEGO___6 23613	9.46 -0.08 -0.61	9.43 -0.08 -0.49	9.41 -0.08 -0.49	8.72 -0.07 -0.52	9.57 -0.08 -0.49	10.55 -0.09 -0.52	14.83 -0.13 -0.55	20.34 -0.29 -0.27	20.11 -0.29 -0.01	19.32 -0.21 0.00	19.21 -0.21 0.00	18.12 -0.24 -0.01	18.18 -0.24 0.00	16.18 -0.21 -0.21	15.99 -0.21 -0.23	15.92 -0.21 -0.27	16.12 -0.22 -0.30	20.31 -0.27 -0.14	23.03 -0.30 -0.30	27.05 -0.36 0.00	27.20 -0.25 0.00	25.76 -0.29 0.00	20.90 -0.21 0.00	18.80 -0.19 0.00
OUTOKUMPU-AB___DRP 24206	10.21 -0.05 -1.33	10.05 -0.05 -1.08	10.04 -0.04 -1.07	9.40 -0.02 -1.14	10.16 -0.07 -1.07	11.13 -0.13 -1.15	15.29 -0.33 -1.21	19.79 -1.16 -0.59	19.53 -0.88 -0.03	19.01 -0.53 0.00	19.15 -0.27 0.00	17.80 -0.57 -0.02	17.92 -0.50 0.00	16.10 -0.53 -0.46	15.94 -0.53 -0.50	15.89 -0.56 -0.59	16.06 -0.64 -0.66	19.94 -0.80 -0.30	22.74 -0.94 -0.65	26.28 -1.12 0.00	26.06 -1.48 -0.09	25.16 -0.89 0.00	20.83 -0.27 0.00	18.77 -0.23 0.00
OXBOW___ 24026	10.12 -0.13 -1.31	9.97 -0.12 -1.07	9.96 -0.11 -1.06	9.32 -0.09 -1.13	10.07 -0.16 -1.06	11.03 -0.22 -1.14	15.15 -0.46 -1.19	19.60 -1.34 -0.59	19.31 -1.10 -0.03	18.80 -0.74 0.00	18.71 -0.72 0.00	17.63 -0.73 -0.02	17.74 -0.68 0.00	15.95 -0.68 -0.45	15.80 -0.67 -0.50	15.76 -0.68 -0.58	15.92 -0.77 -0.65	19.75 -0.98 -0.29	22.53 -1.15 -0.64	26.01 -1.40 0.00	26.69 -0.85 -0.09	24.90 -1.15 0.00	20.60 -0.51 0.00	18.56 -0.44 0.00
OXY_CHEM_DSASP 323612	9.99 -0.24 -1.30	9.84 -0.23 -1.06	9.83 -0.23 -1.05	9.20 -0.19 -1.11	9.94 -0.28 -1.04	10.88 -0.36 -1.12	14.95 -0.65 -1.18	19.33 -1.61 -0.58	19.00 -1.41 -0.03	18.50 -1.04 0.00	18.67 -0.76 0.00	17.34 -1.03 -0.02	17.50 -0.92 0.00	15.73 -0.89 -0.45	15.60 -0.86 -0.49	15.56 -0.87 -0.57	15.72 -0.96 -0.64	19.50 -1.23 -0.29	22.22 -1.45 -0.63	25.59 -1.81 0.00	25.26 -2.28 -0.09	24.40 -1.64 0.00	20.24 -0.87 0.00	18.25 -0.74 0.00
OZONE_PARK_ESR 323760	17.78 0.87 -7.98	16.34 0.82 -6.51	16.24 0.80 -6.43	15.88 0.76 -6.84	16.34 0.77 -6.40	17.86 0.85 -6.89	22.96 1.30 -7.25	25.85 1.89 -3.60	22.49 1.94 -0.18	21.28 1.74 0.00	21.17 1.75 0.00	20.31 1.83 -0.13	20.23 1.81 0.00	20.58 1.63 -2.78	20.67 1.66 -3.04	21.10 1.70 -3.54	21.66 1.64 -3.98	24.52 2.15 -1.94	29.70 2.28 -4.39	30.03 2.63 0.00	30.58 2.55 -0.58	28.34 2.29 0.00	22.84 1.73 0.00	20.74 1.75 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	9.99 -0.24 -1.30	9.84 -0.23 -1.06	9.83 -0.23 -1.05	9.20 -0.19 -1.11	9.94 -0.28 -1.04	10.88 -0.36 -1.12	14.95 -0.65 -1.18	19.33 -1.61 -0.58	19.00 -1.41 -0.03	18.50 -1.04 0.00	18.67 -0.76 0.00	17.34 -1.03 -0.02	17.50 -0.92 0.00	15.73 -0.89 -0.45	15.60 -0.86 -0.49	15.56 -0.87 -0.57	15.72 -0.96 -0.64	19.50 -1.23 -0.29	22.22 -1.45 -0.63	25.59 -1.81 0.00	25.26 -2.28 -0.09	24.40 -1.64 0.00	20.24 -0.87 0.00	18.25 -0.74 0.00
PACKARD___115KV_DUPONT_184 80571	9.99 -0.24 -1.30	9.84 -0.23 -1.06	9.83 -0.23 -1.05	9.20 -0.19 -1.11	9.94 -0.28 -1.04	10.88 -0.36 -1.12	14.95 -0.65 -1.18	19.33 -1.61 -0.58	19.00 -1.41 -0.03	18.50 -1.04 0.00	18.67 -0.76 0.00	17.34 -1.03 -0.02	17.50 -0.92 0.00	15.73 -0.89 -0.45	15.60 -0.86 -0.49	15.56 -0.87 -0.57	15.72 -0.96 -0.64	19.50 -1.23 -0.29	22.22 -1.45 -0.63	25.59 -1.81 0.00	25.26 -2.28 -0.09	24.40 -1.64 0.00	20.24 -0.87 0.00	18.25 -0.74 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	17.79 0.87 -7.99	16.36 0.84 -6.51	16.26 0.82 -6.43	15.91 0.78 -6.85	16.36 0.79 -6.40	17.84 0.83 -6.89	22.81 1.15 -7.25	25.58 1.63 -3.60	22.25 1.69 -0.18	21.06 1.52 0.00	20.96 1.53 0.00	20.12 1.65 -0.13	20.04 1.62 0.00	20.42 1.47 -2.78	20.49 1.48 -3.04	20.94 1.54 -3.54	21.48 1.46 -3.98	24.30 1.92 -1.94	29.43 2.00 -4.39	29.70 2.30 0.00	30.23 2.20 -0.58	28.00 1.95 0.00	22.58 1.48 0.00	20.74 1.75 0.00

PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	17.86 0.94 -7.99	16.42 0.90 -6.51	16.32 0.88 -6.43	15.97 0.84 -6.85	16.43 0.85 -6.40	17.91 0.90 -6.89	22.93 1.27 -7.25	25.62 1.67 -3.60	22.37 1.81 -0.18	21.16 1.62 0.00	21.04 1.61 0.00	20.22 1.74 -0.13	20.06 1.64 0.00	20.49 1.54 -2.78	20.51 1.50 -3.04	20.94 1.54 -3.54	21.54 1.52 -3.98	24.30 1.92 -1.94	29.45 2.03 -4.39	29.73 2.33 0.00	30.39 2.36 -0.58	28.15 2.11 0.00	22.69 1.58 0.00	20.86 1.86 0.00
PATROON__115KV_TB1 80586	19.60 0.34 -10.32	17.79 0.36 -8.41	17.72 0.39 -8.32	17.48 0.35 -8.85	17.83 0.38 -8.28	19.44 0.40 -8.92	24.33 0.55 -9.37	25.70 0.69 -4.66	21.40 0.79 -0.23	20.26 0.72 0.00	20.11 0.68 0.00	19.28 0.77 -0.16	19.18 0.76 0.00	20.40 0.66 -3.56	20.55 0.67 -3.91	21.07 0.65 -4.56	21.80 0.64 -5.12	23.41 0.78 -2.20	28.64 0.90 -4.70	28.50 1.10 0.00	29.83 1.07 -1.31	27.01 0.96 0.00	21.91 0.80 0.00	19.70 0.70 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	10.28 -0.12 -1.46	10.09 -0.12 -1.19	10.08 -0.10 -1.18	9.44 -0.09 -1.25	10.20 -0.14 -1.17	11.19 -0.18 -1.26	15.41 -0.33 -1.32	19.99 -1.02 -0.65	19.72 -0.69 -0.03	19.24 -0.29 0.00	19.33 -0.10 0.00	18.00 -0.37 -0.02	18.11 -0.31 0.00	16.14 -0.53 -0.50	15.99 -0.53 -0.55	15.92 -0.59 -0.64	16.10 -0.66 -0.72	19.97 -0.80 -0.32	22.82 -0.92 -0.71	26.61 -0.79 0.00	26.48 -1.07 -0.10	25.55 -0.49 0.00	21.07 -0.04 0.00	18.99 0.00 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	17.73 0.74 -8.05	16.31 0.73 -6.57	16.22 0.72 -6.50	15.86 0.67 -6.90	16.34 0.71 -6.46	17.83 0.76 -6.96	22.91 1.18 -7.32	25.64 1.65 -3.63	22.17 1.61 -0.18	20.91 1.37 0.00	20.80 1.38 0.00	19.89 1.41 -0.13	19.88 1.46 0.00	20.32 1.34 -2.80	20.38 1.34 -3.07	20.78 1.35 -3.58	21.37 1.32 -4.02	24.12 1.74 -1.94	29.40 1.98 -4.39	29.73 2.33 0.00	30.32 2.28 -0.59	28.10 2.06 0.00	22.61 1.50 0.00	20.42 1.42 0.00
PEEKSKILL____ 23653	17.53 0.70 -7.90	16.12 0.67 -6.44	16.03 0.66 -6.37	15.67 0.62 -6.77	16.15 0.64 -6.34	17.64 0.70 -6.82	22.65 1.07 -7.17	25.44 1.53 -3.56	22.10 1.55 -0.17	20.90 1.37 0.00	20.86 1.44 0.00	19.92 1.45 -0.13	19.86 1.44 0.00	20.23 1.31 -2.75	20.29 1.31 -3.01	20.70 1.33 -3.51	21.28 1.30 -3.94	24.05 1.70 -1.92	29.22 1.84 -4.34	29.54 2.14 0.00	30.03 2.00 -0.57	27.89 1.85 0.00	22.50 1.39 0.00	20.36 1.37 0.00
PGE MADISON__WINDPWR 24146	12.15 0.70 -2.52	11.77 0.70 -2.05	11.74 0.70 -2.03	11.08 0.64 -2.16	11.95 0.76 -2.02	13.14 0.85 -2.18	18.01 1.31 -2.29	23.04 1.55 -1.14	21.64 1.20 -0.06	20.71 1.17 0.00	20.49 1.07 0.00	19.17 0.79 -0.04	19.21 0.79 0.00	17.72 0.66 -0.88	17.55 0.62 -0.96	17.63 0.65 -1.12	18.06 0.75 -1.26	22.13 1.12 -0.57	25.80 1.52 -1.24	29.51 2.11 0.00	30.13 2.44 -0.24	28.39 2.34 0.00	22.94 1.84 0.00	20.67 1.67 0.00
PIERCEFIELD__HYD 23852	8.63 -0.30 0.00	8.73 -0.29 0.00	8.73 -0.28 0.00	8.01 -0.27 0.00	8.89 -0.28 0.00	9.78 -0.33 0.00	13.82 -0.59 0.00	19.62 -0.73 0.00	19.48 -0.90 0.00	18.62 -0.92 0.00	18.43 -0.99 0.00	17.35 -0.99 0.00	17.35 -1.07 0.00	15.17 -1.00 0.00	14.96 -1.01 0.00	14.84 -1.01 0.00	15.08 -0.96 0.00	19.25 -1.19 0.00	21.81 -1.22 0.00	25.95 -1.45 0.00	26.43 -1.02 0.00	25.26 -0.78 0.00	20.56 -0.55 0.00	18.48 -0.51 0.00
PINELAWN_CC_1 323563	24.70 0.92 -14.84	21.70 0.89 -11.79	19.80 0.88 -9.91	19.18 0.83 -10.07	19.98 0.87 -9.94	21.61 0.96 -10.53	28.24 1.43 -12.40	28.47 2.10 -6.01	28.23 1.79 -6.06	23.51 1.60 -2.37	25.29 1.67 -4.20	25.23 1.69 -5.20	25.31 1.81 -5.08	26.38 1.52 -8.68	27.81 1.61 -10.23	28.13 1.71 -10.56	30.54 1.68 -12.81	41.28 2.27 -18.57	44.72 2.49 -19.20	39.20 2.90 -8.89	39.20 2.80 -8.95	34.87 2.39 -6.43	27.78 1.90 -4.77	24.65 1.84 -3.81
PJM_GEN_HTP_PROXY 323702	17.71 0.79 -7.98	16.27 0.75 -6.51	16.18 0.74 -6.43	15.82 0.70 -6.84	16.29 0.72 -6.40	17.80 0.79 -6.89	22.86 1.20 -7.25	25.66 1.71 -3.60	22.33 1.77 -0.18	21.14 1.60 0.00	21.10 1.67 0.00	20.16 1.69 -0.13	20.08 1.66 0.00	20.45 1.50 -2.78	20.52 1.52 -3.04	20.96 1.56 -3.54	21.52 1.51 -3.98	24.34 1.96 -1.94	29.52 2.10 -4.39	29.81 2.41 0.00	30.31 2.28 -0.58	28.10 2.06 0.00	22.67 1.56 0.00	20.55 1.56 0.00
PJM_GEN_KEystone 24065	14.24 0.35 -4.95	13.39 0.33 -4.04	13.33 0.33 -3.99	12.84 0.31 -4.24	13.46 0.31 -3.97	14.72 0.32 -4.28	19.39 0.47 -4.50	23.04 0.45 -2.23	21.04 0.55 -0.11	20.14 0.61 0.00	20.07 0.64 0.00	19.05 0.62 -0.08	19.05 0.63 0.00	18.41 0.52 -1.72	18.38 0.53 -1.89	18.58 0.52 -2.20	18.99 0.48 -2.47	22.28 0.65 -1.19	26.38 0.67 -2.68	28.22 0.82 0.00	28.74 0.93 -0.36	26.80 0.76 0.00	21.80 0.70 0.00	19.70 0.70 0.00
PJM_GEN_NEPTUNE_PROXY 323594	20.76 0.85 -10.98	18.65 0.82 -8.81	17.76 0.80 -7.95	17.29 0.75 -8.25	17.91 0.79 -7.95	19.47 0.87 -8.48	25.21 1.30 -9.50	26.88 1.87 -4.65	24.80 1.67 -2.75	22.08 1.50 -1.04	22.84 1.57 -1.84	22.31 1.61 -2.35	22.32 1.68 -2.23	23.00 1.46 -5.36	23.64 1.49 -6.19	24.03 1.57 -6.61	25.41 1.54 -7.83	31.66 2.02 -9.20	36.07 2.19 -10.85	33.86 2.58 -3.88	34.12 2.44 -4.23	30.99 2.14 -2.81	24.90 1.71 -2.08	22.35 1.69 -1.66
PJM_GEN_VFT_PROXY 323633	17.71 0.79 -7.98	16.27 0.75 -6.51	16.17 0.73 -6.43	15.82 0.70 -6.84	16.27 0.70 -6.40	17.79 0.78 -6.89	22.84 1.18 -7.25	25.66 1.71 -3.60	22.33 1.77 -0.18	21.14 1.60 0.00	21.10 1.67 0.00	20.16 1.69 -0.13	20.06 1.64 0.00	20.47 1.52 -2.78	20.52 1.52 -3.04	20.97 1.57 -3.54	21.53 1.51 -3.98	24.34 1.96 -1.94	29.47 2.05 -4.39	29.70 2.30 0.00	30.20 2.17 -0.58	28.02 1.98 0.00	22.61 1.50 0.00	20.53 1.54 0.00
PLATSBRG_115KV_PMLD1 355749	8.75 -0.19 0.00	8.87 -0.14 0.00	8.86 -0.14 0.00	8.12 -0.16 0.00	9.03 -0.14 0.00	10.01 -0.11 0.00	14.26 -0.16 0.00	20.48 0.12 0.00	20.42 0.04 0.00	19.50 -0.04 0.00	19.23 -0.19 0.00	18.07 -0.28 0.00	18.13 -0.29 0.00	15.83 -0.34 0.00	15.71 -0.26 0.00	15.60 -0.25 0.00	15.88 -0.16 0.00	20.32 -0.12 0.00	23.03 0.00 -0.03	27.37 -0.03 0.00	27.51 0.05 0.00	25.99 -0.05 0.00	21.09 -0.02 0.00	18.98 -0.02 0.00
PLEASANTVLY__LBMP 24000	17.92 0.63 -8.35	16.44 0.61 -6.81	16.35 0.60 -6.74	16.01 0.56 -7.16	16.47 0.60 -6.70	17.99 0.66 -7.22	22.97 0.97 -7.59	25.49 1.36 -3.77	21.97 1.41 -0.18	20.79 1.25 0.00	20.67 1.24 0.00	19.80 1.32 -0.13	19.75 1.33 0.00	20.28 1.20 -2.91	20.33 1.18 -3.18	20.76 1.19 -3.71	21.38 1.17 -4.17	23.99 1.51 -2.04	29.31 1.66 -4.62	29.32 1.92 0.00	29.90 1.84 -0.61	27.71 1.67 0.00	22.37 1.27 0.00	20.27 1.27 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	17.68 0.71 -8.03	16.26 0.69 -6.55	16.17 0.68 -6.48	15.81 0.64 -6.89	16.28 0.66 -6.45	17.79 0.73 -6.94	22.82 1.11 -7.30	25.57 1.59 -3.62	22.16 1.61 -0.18	20.96 1.43 0.00	20.86 1.44 0.00	19.98 1.50 -0.13	19.93 1.51 0.00	20.34 1.37 -2.79	20.40 1.37 -3.06	20.82 1.40 -3.57	21.39 1.35 -4.01	24.15 1.76 -1.95	29.37 1.91 -4.42	29.62 2.22 0.00	30.18 2.14 -0.58	27.95 1.90 0.00	22.56 1.46 0.00	20.44 1.44 0.00

PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	17.68 0.71 -8.03	16.26 0.69 -6.55	16.17 0.68 -6.48	15.81 0.64 -6.89	16.28 0.66 -6.45	17.79 0.73 -6.94	22.82 1.11 -7.30	25.57 1.59 -3.62	22.16 1.61 -0.18	20.96 1.43 0.00	20.86 1.44 0.00	19.98 1.50 -0.13	19.93 1.51 0.00	20.34 1.37 -2.79	20.40 1.37 -3.06	20.82 1.40 -3.57	21.39 1.35 -4.01	24.15 1.76 -1.95	29.37 1.91 -4.42	29.62 2.22 0.00	30.18 2.14 -0.58	27.95 1.90 0.00	22.56 1.46 0.00	20.44 1.44 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	17.77 0.69 -8.15	16.32 0.66 -6.64	16.22 0.64 -6.57	15.87 0.60 -6.99	16.35 0.64 -6.54	17.86 0.70 -7.04	22.87 1.05 -7.40	25.50 1.47 -3.67	22.00 1.45 -0.18	20.83 1.29 0.00	20.71 1.28 0.00	19.83 1.36 -0.13	19.77 1.34 0.00	20.24 1.23 -2.83	20.29 1.21 -3.11	20.71 1.24 -3.62	21.36 1.25 -4.07	23.91 1.64 -1.83	28.86 1.82 -4.01	29.48 2.08 0.00	30.14 2.09 -0.60	27.92 1.88 0.00	22.50 1.39 0.00	20.34 1.35 0.00
POLETTI____ 23519	17.71 0.80 -7.98	16.28 0.76 -6.51	16.18 0.74 -6.43	15.82 0.70 -6.84	16.29 0.72 -6.40	17.80 0.79 -6.89	22.86 1.20 -7.25	25.64 1.69 -3.60	22.33 1.77 -0.18	21.12 1.58 0.00	21.02 1.59 0.00	20.16 1.69 -0.13	20.08 1.66 0.00	20.45 1.50 -2.78	20.53 1.52 -3.04	20.96 1.55 -3.54	21.53 1.51 -3.98	24.32 1.94 -1.94	29.47 2.05 -4.39	29.76 2.36 0.00	30.31 2.28 -0.58	28.08 2.03 0.00	22.67 1.56 0.00	20.59 1.60 0.00
PORT_JEFF_3 23555	24.68 0.90 -14.84	21.69 0.88 -11.79	19.80 0.88 -9.91	19.18 0.83 -10.07	19.98 0.87 -9.94	21.60 0.95 -10.53	28.21 1.40 -12.40	28.38 2.02 -6.01	28.30 1.67 -6.25	23.47 1.48 -2.45	25.29 1.53 -4.33	25.29 1.58 -5.36	25.36 1.69 -5.24	26.47 1.42 -8.88	27.95 1.52 -10.46	28.05 1.63 -10.56	30.49 1.64 -12.81	41.22 2.21 -18.57	44.60 2.37 -19.20	39.06 2.77 -8.89	39.06 2.66 -8.95	34.77 2.29 -6.43	27.70 1.82 -4.77	24.57 1.77 -3.81
PORT_JEFF_4 23616	24.68 0.90 -14.84	21.69 0.88 -11.79	19.80 0.88 -9.91	19.18 0.83 -10.07	19.98 0.87 -9.94	21.60 0.95 -10.53	28.21 1.40 -12.40	28.38 2.02 -6.01	28.30 1.67 -6.25	23.47 1.48 -2.45	25.29 1.53 -4.33	25.29 1.58 -5.36	25.36 1.69 -5.24	26.47 1.42 -8.88	27.95 1.52 -10.46	28.05 1.63 -10.56	30.49 1.64 -12.81	41.22 2.21 -18.57	44.60 2.37 -19.20	39.06 2.77 -8.89	39.06 2.66 -8.95	34.77 2.29 -6.43	27.70 1.82 -4.77	24.57 1.77 -3.81
PORT_JEFF_IC 23713	24.69 0.91 -14.84	21.71 0.90 -11.79	19.82 0.90 -9.91	19.20 0.84 -10.07	20.00 0.89 -9.94	21.62 0.97 -10.53	28.23 1.41 -12.40	28.42 2.06 -6.01	28.33 1.71 -6.24	23.49 1.50 -2.45	25.31 1.55 -4.33	25.30 1.60 -5.36	25.39 1.73 -5.24	26.48 1.44 -8.87	27.95 1.53 -10.45	28.08 1.66 -10.56	30.52 1.67 -12.81	41.26 2.25 -18.57	44.60 2.37 -19.20	39.06 2.77 -8.89	39.06 2.66 -8.95	34.82 2.34 -6.43	27.74 1.86 -4.77	24.59 1.78 -3.81
PPL PILGRIM_ST_GT1 24216	24.72 0.94 -14.84	21.73 0.92 -11.79	19.83 0.91 -9.91	19.21 0.85 -10.07	20.01 0.90 -9.94	21.64 0.99 -10.53	28.27 1.46 -12.40	28.49 2.12 -6.01	28.39 1.79 -6.22	23.60 1.62 -2.44	25.41 1.67 -4.31	25.39 1.71 -5.34	25.46 1.82 -5.22	26.56 1.54 -8.84	27.99 1.60 -10.42	28.13 1.71 -10.56	30.55 1.70 -12.81	41.30 2.29 -18.57	44.74 2.51 -19.20	39.25 2.96 -8.89	39.23 2.83 -8.95	34.90 2.42 -6.43	27.80 1.92 -4.77	24.69 1.88 -3.81
PPL PILGRIM_ST_GT2 24217	24.72 0.94 -14.84	21.73 0.92 -11.79	19.83 0.91 -9.91	19.21 0.85 -10.07	20.01 0.90 -9.94	21.64 0.99 -10.53	28.27 1.46 -12.40	28.49 2.12 -6.01	28.39 1.79 -6.22	23.60 1.62 -2.44	25.41 1.67 -4.31	25.39 1.71 -5.34	25.46 1.82 -5.22	26.56 1.54 -8.84	27.99 1.60 -10.42	28.13 1.71 -10.56	30.55 1.70 -12.81	41.30 2.29 -18.57	44.74 2.51 -19.20	39.25 2.96 -8.89	39.23 2.83 -8.95	34.90 2.42 -6.43	27.80 1.92 -4.77	24.69 1.88 -3.81
PPL_SHRM_GT3 24213	24.58 0.80 -14.84	21.63 0.82 -11.79	19.74 0.82 -9.91	19.12 0.77 -10.07	19.92 0.81 -9.94	21.53 0.88 -10.53	28.06 1.24 -12.40	28.06 1.69 -6.01	27.99 1.37 -6.24	23.16 1.17 -2.45	24.96 1.20 -4.33	24.97 1.26 -5.36	24.97 1.31 -5.24	26.23 1.18 -8.87	27.64 1.21 -10.46	27.78 1.36 -10.56	30.23 1.38 -12.81	40.91 1.90 -18.57	44.28 2.05 -19.20	38.71 2.41 -8.89	38.70 2.31 -8.95	34.46 1.98 -6.43	27.46 1.58 -4.77	24.33 1.52 -3.81
PPL_SHRM_GT4 24214	24.58 0.80 -14.84	21.63 0.82 -11.79	19.74 0.82 -9.91	19.12 0.77 -10.07	19.92 0.81 -9.94	21.53 0.88 -10.53	28.06 1.24 -12.40	28.06 1.69 -6.01	27.99 1.37 -6.24	23.16 1.17 -2.45	24.96 1.20 -4.33	24.97 1.26 -5.36	24.97 1.31 -5.24	26.23 1.18 -8.87	27.64 1.21 -10.46	27.78 1.36 -10.56	30.23 1.38 -12.81	40.91 1.90 -18.57	44.28 2.05 -19.20	38.71 2.41 -8.89	38.70 2.31 -8.95	34.46 1.98 -6.43	27.46 1.58 -4.77	24.33 1.52 -3.81
PROJECT____ORANGE 1 24174	9.75 0.06 -0.75	9.69 0.06 -0.61	9.67 0.06 -0.61	8.98 0.06 -0.64	9.84 0.06 -0.60	10.83 0.06 -0.65	15.20 0.10 -0.68	20.72 0.02 -0.34	20.46 0.06 -0.02	19.67 0.14 0.00	19.60 0.17 0.00	18.43 0.07 -0.01	18.51 0.09 0.00	16.52 0.08 -0.27	16.32 0.06 -0.29	16.26 0.06 -0.34	16.49 0.06 -0.38	20.69 0.08 -0.17	23.47 0.07 -0.37	27.48 0.08 0.00	27.58 0.08 -0.05	26.20 0.16 0.00	21.23 0.13 0.00	19.09 0.09 0.00
PROJECT____ORANGE 2 24166	9.75 0.06 -0.75	9.69 0.06 -0.61	9.67 0.06 -0.61	8.98 0.06 -0.64	9.84 0.06 -0.60	10.83 0.06 -0.65	15.20 0.10 -0.68	20.72 0.02 -0.34	20.46 0.06 -0.02	19.67 0.14 0.00	19.60 0.17 0.00	18.43 0.07 -0.01	18.51 0.09 0.00	16.52 0.08 -0.27	16.32 0.06 -0.29	16.26 0.06 -0.34	16.49 0.06 -0.38	20.69 0.08 -0.17	23.47 0.07 -0.37	27.48 0.08 0.00	27.58 0.08 -0.05	26.20 0.16 0.00	21.23 0.13 0.00	19.09 0.09 0.00
PUCKETT____SOLAR 323809	11.99 0.35 -2.71	11.57 0.35 -2.21	11.54 0.35 -2.18	10.93 0.33 -2.32	11.71 0.37 -2.17	12.86 0.41 -2.34	17.48 0.61 -2.46	22.17 0.59 -1.22	20.95 0.51 -0.06	20.07 0.53 0.00	19.89 0.47 0.00	18.75 0.37 -0.04	18.79 0.37 0.00	17.41 0.29 -0.95	17.27 0.27 -1.04	17.35 0.29 -1.21	17.72 0.32 -1.36	21.56 0.51 -0.61	25.04 0.67 -1.34	28.36 0.96 0.00	28.86 1.18 -0.23	27.11 1.07 0.00	21.97 0.87 0.00	19.79 0.80 0.00
PYRITES____HYD 24023	8.71 -0.22 0.00	8.81 -0.21 0.00	8.80 -0.21 0.00	8.07 -0.21 0.00	8.99 -0.18 0.00	9.91 -0.20 0.00	14.04 -0.37 0.00	19.93 -0.43 0.00	19.75 -0.63 0.00	18.89 -0.64 0.00	18.71 -0.72 0.00	17.59 -0.75 0.00	17.59 -0.83 0.00	15.43 -0.74 0.00	15.18 -0.78 0.00	15.05 -0.81 0.00	15.30 -0.74 0.00	19.54 -0.90 0.00	22.16 -0.88 0.00	26.39 -1.01 0.00	26.87 -0.58 0.00	25.60 -0.44 0.00	20.79 -0.32 0.00	18.69 -0.30 0.00
QUAKERRD_115KV_BK1 80622	9.76 -0.13 -0.95	9.66 -0.13 -0.77	9.64 -0.13 -0.76	8.98 -0.12 -0.81	9.79 -0.14 -0.76	10.77 -0.16 -0.82	14.98 -0.29 -0.86	20.05 -0.73 -0.42	19.71 -0.69 -0.02	19.03 -0.51 0.00	19.08 -0.35 0.00	17.81 -0.55 -0.02	17.92 -0.50 0.00	16.10 -0.40 -0.33	15.91 -0.42 -0.36	15.85 -0.43 -0.42	16.05 -0.47 -0.47	20.08 -0.57 -0.21	22.83 -0.67 -0.46	26.55 -0.85 0.00	26.50 -1.02 -0.06	25.29 -0.76 0.00	20.64 -0.46 0.00	18.56 -0.44 0.00

QUENSBRY_I15KV_TB8 356137	19.98 0.48 -10.56	18.10 0.47 -8.61	18.02 0.50 -8.52	17.79 0.46 -9.06	18.17 0.52 -8.48	19.85 0.61 -9.13	24.99 0.98 -9.59	26.39 1.26 -4.78	22.30 1.69 -0.23	21.08 1.54 0.00	20.80 1.38 0.00	19.87 1.36 -0.17	19.84 1.42 0.00	21.05 1.20 -3.68	21.20 1.21 -4.02	21.72 1.17 -4.68	22.50 1.20 -5.26	24.36 1.68 -2.25	29.85 2.00 -4.81	29.90 2.49 0.00	31.73 2.58 -1.70	28.39 2.34 0.00	22.86 1.75 0.00	20.48 1.48 0.00
RAMAPO____LBMP 323565	17.27 0.67 -7.66	15.90 0.64 -6.25	15.81 0.63 -6.18	15.44 0.59 -6.57	15.93 0.61 -6.15	17.41 0.68 -6.62	22.40 1.02 -6.96	25.26 1.45 -3.45	22.01 1.47 -0.17	20.85 1.31 0.00	20.75 1.32 0.00	19.86 1.39 -0.12	19.80 1.38 0.00	20.10 1.26 -2.66	20.15 1.26 -2.92	20.55 1.28 -3.40	21.11 1.25 -3.82	23.93 1.64 -1.86	29.01 1.77 -4.20	29.43 2.03 0.00	29.98 1.98 -0.56	27.82 1.77 0.00	22.46 1.35 0.00	20.32 1.33 0.00
RANKINE____ 23646	10.34 -0.02 -1.43	10.16 -0.02 -1.16	10.16 0.00 -1.15	9.51 0.01 -1.22	10.28 -0.04 -1.14	11.27 -0.08 -1.23	15.49 -0.22 -1.30	20.08 -0.92 -0.64	19.76 -0.65 -0.03	19.24 -0.29 0.00	19.35 -0.08 0.00	18.00 -0.37 -0.02	18.13 -0.29 0.00	16.25 -0.42 -0.49	16.11 -0.40 -0.54	16.06 -0.43 -0.63	16.23 -0.51 -0.71	20.12 -0.63 -0.32	22.99 -0.74 -0.69	26.64 -0.77 0.00	26.45 -1.10 -0.10	25.50 -0.55 0.00	21.07 -0.04 0.00	18.99 0.00 0.00
RAVENSWOOD_GT2_1 24244	17.71 0.79 -7.98	16.28 0.76 -6.51	16.18 0.74 -6.43	15.82 0.70 -6.84	16.29 0.72 -6.40	17.79 0.78 -6.89	22.84 1.18 -7.25	25.66 1.71 -3.60	22.31 1.75 -0.18	21.12 1.58 0.00	21.10 1.67 0.00	20.14 1.67 -0.13	20.08 1.66 0.00	20.45 1.50 -2.78	20.52 1.52 -3.04	20.96 1.56 -3.54	21.51 1.49 -3.98	24.34 1.96 -1.94	29.50 2.07 -4.39	29.79 2.38 0.00	30.28 2.25 -0.58	28.10 2.06 0.00	22.67 1.56 0.00	20.57 1.58 0.00
RAVENSWOOD_GT2_2 24245	17.71 0.79 -7.98	16.28 0.76 -6.51	16.18 0.74 -6.43	15.82 0.70 -6.84	16.29 0.72 -6.40	17.79 0.78 -6.89	22.84 1.18 -7.25	25.66 1.71 -3.60	22.31 1.75 -0.18	21.12 1.58 0.00	21.10 1.67 0.00	20.14 1.67 -0.13	20.08 1.66 0.00	20.45 1.50 -2.78	20.52 1.52 -3.04	20.96 1.56 -3.54	21.51 1.49 -3.98	24.34 1.96 -1.94	29.50 2.07 -4.39	29.79 2.38 0.00	30.28 2.25 -0.58	28.10 2.06 0.00	22.67 1.56 0.00	20.57 1.58 0.00
RAVENSWOOD_GT2_3 24246	17.72 0.80 -7.98	16.28 0.76 -6.51	16.18 0.74 -6.43	15.82 0.70 -6.84	16.29 0.72 -6.40	17.80 0.79 -6.89	22.86 1.20 -7.25	25.66 1.71 -3.60	22.33 1.77 -0.18	21.14 1.60 0.00	21.10 1.67 0.00	20.16 1.69 -0.13	20.08 1.66 0.00	20.45 1.50 -2.78	20.52 1.52 -3.04	20.97 1.57 -3.54	21.53 1.51 -3.98	24.34 1.96 -1.94	29.52 2.10 -4.39	29.81 2.41 0.00	30.31 2.28 -0.58	28.10 2.06 0.00	22.67 1.56 0.00	20.57 1.58 0.00
RAVENSWOOD_GT2_4 24247	17.72 0.80 -7.98	16.28 0.76 -6.51	16.18 0.74 -6.43	15.82 0.70 -6.84	16.29 0.72 -6.40	17.80 0.79 -6.89	22.86 1.20 -7.25	25.66 1.71 -3.60	22.33 1.77 -0.18	21.14 1.60 0.00	21.10 1.67 0.00	20.16 1.69 -0.13	20.08 1.66 0.00	20.45 1.50 -2.78	20.52 1.52 -3.04	20.97 1.57 -3.54	21.53 1.51 -3.98	24.34 1.96 -1.94	29.52 2.10 -4.39	29.81 2.41 0.00	30.31 2.28 -0.58	28.10 2.06 0.00	22.67 1.56 0.00	20.57 1.58 0.00
RAVENSWOOD_GT3_1 24248	17.71 0.79 -7.98	16.28 0.76 -6.51	16.18 0.74 -6.43	15.82 0.70 -6.84	16.29 0.72 -6.40	17.80 0.79 -6.89	22.86 1.20 -7.25	25.66 1.71 -3.60	22.33 1.77 -0.18	21.12 1.58 0.00	21.10 1.67 0.00	20.14 1.67 -0.13	20.08 1.66 0.00	20.45 1.50 -2.78	20.52 1.52 -3.04	20.96 1.56 -3.54	21.51 1.49 -3.98	24.32 1.94 -1.94	29.50 2.07 -4.39	29.79 2.38 0.00	30.28 2.25 -0.58	28.10 2.06 0.00	22.67 1.56 0.00	20.57 1.58 0.00
RAVENSWOOD_GT3_2 24249	17.71 0.79 -7.98	16.28 0.76 -6.51	16.18 0.74 -6.43	15.82 0.70 -6.84	16.29 0.72 -6.40	17.80 0.79 -6.89	22.86 1.20 -7.25	25.66 1.71 -3.60	22.33 1.77 -0.18	21.12 1.58 0.00	21.10 1.67 0.00	20.14 1.67 -0.13	20.08 1.66 0.00	20.45 1.50 -2.78	20.52 1.52 -3.04	20.96 1.56 -3.54	21.51 1.49 -3.98	24.32 1.94 -1.94	29.50 2.07 -4.39	29.79 2.38 0.00	30.28 2.25 -0.58	28.10 2.06 0.00	22.67 1.56 0.00	20.57 1.58 0.00
RAVENSWOOD_GT3_3 24250	17.72 0.80 -7.98	16.29 0.77 -6.51	16.19 0.75 -6.43	15.83 0.71 -6.84	16.30 0.72 -6.40	17.81 0.80 -6.89	22.87 1.21 -7.25	25.68 1.73 -3.60	22.35 1.79 -0.18	21.14 1.60 0.00	21.04 1.61 0.00	20.18 1.71 -0.13	20.10 1.68 0.00	20.47 1.52 -2.78	20.54 1.53 -3.04	20.97 1.57 -3.54	21.54 1.52 -3.98	24.36 1.98 -1.94	29.54 2.12 -4.39	29.84 2.44 0.00	30.36 2.33 -0.58	28.13 2.08 0.00	22.69 1.58 0.00	20.61 1.61 0.00
RAVENSWOOD_GT3_4 24251	17.72 0.80 -7.98	16.29 0.77 -6.51	16.19 0.75 -6.43	15.83 0.71 -6.84	16.30 0.72 -6.40	17.81 0.80 -6.89	22.87 1.21 -7.25	25.68 1.73 -3.60	22.35 1.79 -0.18	21.16 1.62 0.00	21.11 1.69 0.00	20.18 1.71 -0.13	20.10 1.68 0.00	20.47 1.52 -2.78	20.54 1.53 -3.04	20.97 1.57 -3.54	21.54 1.52 -3.98	24.36 1.98 -1.94	29.54 2.12 -4.39	29.84 2.44 0.00	30.34 2.31 -0.58	28.13 2.08 0.00	22.69 1.58 0.00	20.59 1.60 0.00
RAVENSWOOD_GT_1 23729	17.76 0.84 -7.99	16.32 0.80 -6.51	16.22 0.78 -6.43	15.88 0.75 -6.85	16.33 0.75 -6.40	17.83 0.82 -6.89	22.87 1.21 -7.25	25.70 1.75 -3.60	22.37 1.81 -0.18	21.18 1.64 0.00	21.15 1.73 0.00	20.22 1.74 -0.13	20.13 1.71 0.00	20.50 1.55 -2.78	20.59 1.58 -3.04	21.02 1.62 -3.54	21.57 1.56 -3.98	24.42 2.04 -1.94	29.56 2.14 -4.39	29.87 2.47 0.00	30.36 2.33 -0.58	28.15 2.11 0.00	22.69 1.58 0.00	20.67 1.67 0.00
RAVENSWOOD_GT_10 24258	17.71 0.80 -7.98	16.28 0.76 -6.51	16.18 0.74 -6.43	15.82 0.70 -6.84	16.29 0.72 -6.40	17.79 0.78 -6.89	22.86 1.20 -7.25	25.66 1.71 -3.60	22.31 1.75 -0.18	21.12 1.58 0.00	21.02 1.59 0.00	20.14 1.67 -0.13	20.08 1.66 0.00	20.45 1.50 -2.78	20.53 1.52 -3.04	20.96 1.55 -3.54	21.51 1.49 -3.98	24.32 1.94 -1.94	29.50 2.07 -4.39	29.79 2.38 0.00	30.34 2.31 -0.58	28.10 2.06 0.00	22.67 1.56 0.00	20.59 1.60 0.00
RAVENSWOOD_GT_11 24259	17.71 0.79 -7.98	16.28 0.76 -6.51	16.18 0.74 -6.43	15.82 0.70 -6.84	16.29 0.72 -6.40	17.79 0.78 -6.89	22.86 1.20 -7.25	25.66 1.71 -3.60	22.31 1.75 -0.18	21.12 1.58 0.00	21.10 1.67 0.00	20.14 1.67 -0.13	20.08 1.66 0.00	20.45 1.50 -2.78	20.52 1.52 -3.04	20.96 1.56 -3.54	21.51 1.49 -3.98	24.32 1.94 -1.94	29.50 2.07 -4.39	29.79 2.38 0.00	30.28 2.25 -0.58	28.10 2.06 0.00	22.67 1.56 0.00	20.55 1.56 0.00
RAVENSWOOD_GT_4 24252	17.70 0.79 -7.97	16.27 0.75 -6.51	16.17 0.73 -6.43	15.81 0.70 -6.84	16.28 0.71 -6.40	17.79 0.78 -6.89	22.86 1.20 -7.25	25.66 1.71 -3.60	22.31 1.75 -0.18	21.12 1.58 0.00	21.02 1.59 0.00	20.14 1.67 -0.13	20.06 1.64 0.00	20.45 1.50 -2.78	20.53 1.52 -3.04	20.96 1.55 -3.54	21.51 1.49 -3.98	24.32 1.94 -1.94	29.50 2.07 -4.39	29.79 2.38 0.00	30.34 2.31 -0.58	28.10 2.06 0.00	22.67 1.56 0.00	20.57 1.58 0.00

RAVENSWOOD_GT_5 24254	17.70 0.79 -7.97	16.27 0.75 -6.51	16.17 0.73 -6.43	15.81 0.70 -6.84	16.28 0.71 -6.40	17.79 0.78 -6.89	22.86 1.20 -7.25	25.66 1.71 -3.60	22.31 1.75 -0.18	21.12 1.58 0.00	21.02 1.59 0.00	20.14 1.67 -0.13	20.06 1.64 0.00	20.45 1.50 -2.78	20.53 1.52 -3.04	20.96 1.55 -3.54	21.51 1.49 -3.98	24.32 1.94 -1.94	29.50 2.07 -4.39	29.79 2.38 0.00	30.34 2.31 -0.58	28.10 2.06 0.00	22.67 1.56 0.00	20.57 1.58 0.00
RAVENSWOOD_GT_6 24253	17.70 0.79 -7.97	16.27 0.75 -6.51	16.17 0.73 -6.43	15.81 0.70 -6.84	16.28 0.71 -6.40	17.79 0.78 -6.89	22.86 1.20 -7.25	25.66 1.71 -3.60	22.31 1.75 -0.18	21.12 1.58 0.00	21.02 1.59 0.00	20.14 1.67 -0.13	20.06 1.64 0.00	20.45 1.50 -2.78	20.53 1.52 -3.04	20.96 1.55 -3.54	21.51 1.49 -3.98	24.32 1.94 -1.94	29.50 2.07 -4.39	29.79 2.38 0.00	30.34 2.31 -0.58	28.10 2.06 0.00	22.67 1.56 0.00	20.57 1.58 0.00
RAVENSWOOD_GT_7 24255	17.70 0.79 -7.97	16.27 0.75 -6.51	16.17 0.73 -6.43	15.81 0.70 -6.84	16.28 0.71 -6.40	17.79 0.78 -6.89	22.86 1.20 -7.25	25.66 1.71 -3.60	22.31 1.75 -0.18	21.12 1.58 0.00	21.02 1.59 0.00	20.14 1.67 -0.13	20.06 1.64 0.00	20.45 1.50 -2.78	20.53 1.52 -3.04	20.96 1.55 -3.54	21.51 1.49 -3.98	24.32 1.94 -1.94	29.50 2.07 -4.39	29.79 2.38 0.00	30.34 2.31 -0.58	28.10 2.06 0.00	22.67 1.56 0.00	20.57 1.58 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	17.71 0.80 -7.98	16.28 0.76 -6.51	16.18 0.74 -6.43	15.82 0.70 -6.84	16.29 0.72 -6.40	17.79 0.78 -6.89	22.86 1.20 -7.25	25.66 1.71 -3.60	22.31 1.75 -0.18	21.12 1.58 0.00	21.02 1.59 0.00	20.14 1.67 -0.13	20.08 1.66 0.00	20.45 1.50 -2.78	20.53 1.52 -3.04	20.96 1.55 -3.54	21.51 1.49 -3.98	24.32 1.94 -1.94	29.50 2.07 -4.39	29.79 2.38 0.00	30.34 2.31 -0.58	28.10 2.06 0.00	22.67 1.56 0.00	20.59 1.60 0.00
RAVENSWOOD_GT_9 24257	17.71 0.79 -7.98	16.28 0.76 -6.51	16.18 0.74 -6.43	15.82 0.70 -6.84	16.29 0.72 -6.40	17.79 0.78 -6.89	22.86 1.20 -7.25	25.66 1.71 -3.60	22.31 1.75 -0.18	21.12 1.58 0.00	21.10 1.67 0.00	20.14 1.67 0.00	20.08 1.66 0.00	20.45 1.50 -2.78	20.52 1.52 -3.04	20.96 1.56 -3.54	21.51 1.49 -3.98	24.32 1.94 -1.94	29.50 2.07 -4.39	29.79 2.38 0.00	30.28 2.25 -0.58	28.10 2.06 0.00	22.67 1.56 0.00	20.55 1.56 0.00
RAVENSWOOD___1 23533	17.76 0.84 -7.99	16.31 0.79 -6.51	16.21 0.77 -6.43	15.87 0.74 -6.85	16.32 0.74 -6.40	17.82 0.81 -6.89	22.86 1.20 -7.25	25.68 1.73 -3.60	22.35 1.79 -0.18	21.16 1.62 0.00	21.14 1.71 0.00	20.20 1.72 -0.13	20.13 1.71 0.00	20.50 1.55 -2.78	20.57 1.57 -3.04	21.02 1.62 -3.54	21.56 1.54 -3.98	24.40 2.02 -1.94	29.54 2.12 -4.39	29.84 2.44 0.00	30.34 2.31 -0.58	28.13 2.08 0.00	22.67 1.56 0.00	20.65 1.65 0.00
RAVENSWOOD___2 23534	17.76 0.84 -7.99	16.31 0.79 -6.51	16.21 0.77 -6.43	15.87 0.74 -6.85	16.32 0.74 -6.40	17.82 0.81 -6.89	22.86 1.20 -7.25	25.68 1.73 -3.60	22.35 1.79 -0.18	21.16 1.62 0.00	21.14 1.71 0.00	20.20 1.72 -0.13	20.11 1.69 0.00	20.49 1.54 -2.78	20.57 1.57 -3.04	21.00 1.60 -3.54	21.56 1.54 -3.98	24.38 2.00 -1.94	29.54 2.12 -4.39	29.84 2.44 0.00	30.34 2.31 -0.58	28.13 2.08 0.00	22.67 1.56 0.00	20.65 1.65 0.00
RAVENSWOOD___3 23535	17.71 0.79 -7.98	16.28 0.76 -6.51	16.18 0.74 -6.43	15.82 0.70 -6.84	16.29 0.72 -6.40	17.80 0.79 -6.89	22.86 1.20 -7.25	25.66 1.71 -3.60	22.33 1.77 -0.18	21.12 1.58 0.00	21.10 1.67 0.00	20.14 1.67 -0.13	20.08 1.66 0.00	20.45 1.50 -2.78	20.52 1.52 -3.04	20.96 1.56 -3.54	21.53 1.51 -3.98	24.34 1.96 -1.94	29.50 2.07 -4.39	29.79 2.38 0.00	30.28 2.25 -0.58	28.10 2.06 0.00	22.67 1.56 0.00	20.57 1.58 0.00
RAVENSWOOD___4 23820	17.75 0.83 -7.99	16.31 0.79 -6.51	16.21 0.77 -6.43	15.86 0.74 -6.85	16.32 0.74 -6.40	17.82 0.81 -6.89	22.86 1.20 -7.25	25.68 1.73 -3.60	22.33 1.77 -0.18	21.14 1.60 0.00	21.14 1.71 0.00	20.20 1.72 -0.13	20.11 1.69 0.00	20.49 1.54 -2.78	20.57 1.57 -3.04	21.00 1.60 -3.54	21.56 1.54 -3.98	24.38 2.00 -1.94	29.54 2.12 -4.39	29.84 2.44 0.00	30.31 2.28 -0.58	28.13 2.08 0.00	22.67 1.56 0.00	20.63 1.63 0.00
RCPL_TRUST___DRP 24196	17.72 0.80 -7.98	16.29 0.77 -6.51	16.19 0.75 -6.43	15.83 0.71 -6.84	16.30 0.72 -6.40	17.81 0.80 -6.89	22.87 1.21 -7.25	25.70 1.75 -3.60	22.37 1.81 -0.18	21.16 1.62 0.00	21.06 1.63 0.00	20.18 1.71 -0.13	20.12 1.69 0.00	20.49 1.54 -2.78	20.56 1.55 -3.04	20.99 1.59 -3.54	21.54 1.52 -3.98	24.36 1.98 -1.94	29.54 2.12 -4.39	29.84 2.44 0.00	30.39 2.36 -0.58	28.15 2.11 0.00	22.71 1.60 0.00	20.61 1.61 0.00
RED___ROCHESTER 323720	10.06 0.13 -1.00	9.96 0.13 -0.82	9.95 0.14 -0.81	9.25 0.11 -0.86	10.10 0.13 -0.80	11.10 0.12 -0.87	15.42 0.10 -0.91	20.56 -0.24 -0.45	20.18 -0.22 -0.02	19.50 -0.04 0.00	19.46 0.04 0.00	18.27 -0.09 -0.02	18.44 0.02 0.00	16.52 0.00 -0.35	16.35 0.00 -0.38	16.29 -0.02 -0.44	16.49 -0.05 -0.50	20.62 -0.04 -0.22	23.46 -0.07 -0.49	27.29 -0.11 0.00	27.76 0.25 -0.07	25.97 -0.08 0.00	21.23 0.13 0.00	19.07 0.08 0.00
REGAN___SOLAR 323812	21.81 0.89 -11.98	19.66 0.87 -9.77	19.59 0.92 -9.66	19.40 0.84 -10.27	19.75 0.96 -9.62	21.59 1.12 -10.35	27.13 1.83 -10.88	27.85 2.08 -5.42	22.72 2.08 -0.27	21.39 1.86 0.00	21.00 1.57 0.00	19.99 1.45 -0.19	19.84 1.42 0.00	21.71 1.36 -4.18	21.83 1.29 -4.57	22.49 1.30 -5.33	23.42 1.39 -5.99	25.02 1.96 -2.62	31.08 2.40 -5.65	30.44 3.04 0.00	32.28 3.24 -1.59	29.25 3.20 0.00	23.41 2.30 0.00	20.93 1.94 0.00
RENSSELAER___COGEN 23796	19.36 0.31 -10.12	17.60 0.34 -8.25	17.51 0.35 -8.16	17.27 0.31 -8.67	17.64 0.35 -8.12	19.23 0.37 -8.74	24.11 0.50 -9.19	25.54 0.63 -4.56	21.33 0.73 -0.22	20.20 0.66 0.00	20.07 0.64 0.00	19.20 0.70 -0.16	19.12 0.70 0.00	20.27 0.58 -3.52	20.41 0.59 -3.85	20.92 0.57 -4.49	21.64 0.56 -5.04	23.30 0.70 -2.17	28.46 0.78 -4.64	28.36 0.96 0.00	29.52 0.90 -1.17	26.88 0.83 0.00	21.83 0.72 0.00	19.64 0.65 0.00
REPUBLIC_115KV_BARTNBRK 55605	20.38 0.88 -10.56	18.47 0.85 -8.61	18.41 0.89 -8.51	18.15 0.82 -9.05	18.58 0.94 -8.47	20.31 1.07 -9.12	25.74 1.74 -9.59	27.22 2.10 -4.77	23.08 2.47 -0.23	21.78 2.25 0.00	21.46 2.04 0.00	20.46 1.94 -0.17	20.45 2.03 0.00	21.58 1.73 -3.68	21.74 1.76 -4.02	22.25 1.71 -4.68	23.06 1.76 -5.26	25.10 2.41 -2.25	30.85 3.02 -4.80	31.24 3.84 0.00	33.26 4.12 -1.70	29.77 3.72 0.00	23.85 2.74 0.00	21.29 2.30 0.00
REVERE_CPPR_DRP 24186	9.65 0.29 -0.43	9.65 0.29 -0.35	9.66 0.31 -0.34	8.92 0.27 -0.37	9.85 0.34 -0.34	10.87 0.38 -0.37	15.38 0.58 -0.39	21.20 0.65 -0.19	21.08 0.69 -0.01	20.24 0.70 0.00	20.12 0.70 0.00	18.83 0.48 -0.01	18.88 0.46 0.00	16.76 0.42 -0.17	16.47 0.32 -0.19	16.44 0.36 -0.22	16.70 0.42 -0.24	21.03 0.49 -0.10	23.91 0.67 -0.21	28.31 0.90 0.00	28.58 1.13 0.00	27.14 1.09 0.00	21.95 0.84 0.00	19.73 0.74 0.00

REYNOLDS_115KV_TB3 80639	19.42 0.38 -10.11	17.65 0.40 -8.24	17.55 0.40 -8.15	17.31 0.36 -8.67	17.69 0.40 -8.11	19.30 0.45 -8.74	24.19 0.59 -9.18	25.67 0.75 -4.56	21.48 0.88 -0.22	20.32 0.78 0.00	20.16 0.74 0.00	19.31 0.81 -0.16	19.25 0.83 0.00	20.39 0.70 -3.52	20.53 0.69 -3.88	21.04 0.67 -4.52	21.79 0.67 -5.07	23.42 0.82 -2.16	28.59 0.94 -4.61	28.53 1.12 0.00	29.76 1.07 -1.24	27.01 0.96 0.00	21.95 0.84 0.00	19.73 0.74 0.00
RIVERBAY____ 323610	17.86 0.94 -7.99	16.42 0.90 -6.51	16.32 0.88 -6.43	15.97 0.84 -6.85	16.43 0.85 -6.40	17.91 0.90 -6.89	22.93 1.27 -7.25	25.62 1.67 -3.60	22.37 1.81 -0.18	21.16 1.62 0.00	21.04 1.61 0.00	20.22 1.74 -0.13	20.06 1.64 0.00	20.49 1.54 -2.78	20.51 1.50 -3.04	20.94 1.54 -3.54	21.54 1.52 -3.98	24.30 1.92 -1.94	29.45 2.03 -4.39	29.73 2.33 0.00	30.39 2.36 -0.58	28.15 2.11 0.00	22.69 1.58 0.00	20.86 1.86 0.00
RIVERSDE_115KV_TB3 55908	19.41 0.36 -10.12	17.64 0.38 -8.25	17.55 0.39 -8.16	17.31 0.36 -8.67	17.68 0.39 -8.12	19.28 0.42 -8.74	24.16 0.56 -9.19	25.65 0.73 -4.56	21.46 0.86 -0.22	20.30 0.76 0.00	20.14 0.72 0.00	19.28 0.77 -0.16	19.19 0.77 0.00	20.37 0.66 -3.53	20.53 0.67 -3.89	21.04 0.65 -4.53	21.79 0.66 -5.09	23.41 0.80 -2.17	28.60 0.92 -4.65	28.50 1.10 0.00	29.78 1.07 -1.26	27.01 0.96 0.00	21.93 0.82 0.00	19.72 0.72 0.00
ROARING____BROOK_WT_PWR 323790	8.76 -0.18 0.00	8.85 -0.16 0.00	8.84 -0.16 0.00	8.14 -0.14 0.00	9.02 -0.15 0.00	9.97 -0.15 0.00	14.20 -0.22 0.00	20.11 -0.24 0.00	20.15 -0.22 0.00	19.30 -0.23 0.00	19.19 -0.23 0.00	18.11 -0.24 0.00	18.18 -0.24 0.00	15.96 -0.21 0.00	15.76 -0.21 0.00	15.64 -0.22 0.00	15.81 -0.22 0.00	20.15 -0.29 0.00	22.76 -0.28 0.00	27.10 -0.30 0.00	27.18 -0.27 0.00	25.81 -0.23 0.00	20.92 -0.19 0.00	18.82 -0.17 0.00
ROCHESRG_115KV_T4 355643	9.98 0.04 -1.00	9.87 0.05 -0.81	9.86 0.05 -0.80	9.18 0.04 -0.85	10.01 0.04 -0.80	11.00 0.02 -0.86	15.27 -0.04 -0.90	20.33 -0.47 -0.45	19.99 -0.41 -0.02	19.32 -0.21 0.00	19.41 -0.02 0.00	18.09 -0.28 -0.02	18.24 -0.18 0.00	16.36 -0.16 -0.35	16.19 -0.16 -0.38	16.13 -0.17 -0.44	16.31 -0.22 -0.50	20.42 -0.25 -0.22	23.20 -0.32 -0.49	26.96 -0.44 0.00	26.83 -0.69 -0.07	25.68 -0.36 0.00	21.02 -0.08 0.00	18.90 -0.09 0.00
ROCHESTER_9_IC 23652	10.03 0.09 -1.00	9.92 0.09 -0.82	9.91 0.10 -0.81	9.22 0.08 -0.86	10.07 0.09 -0.80	11.06 0.08 -0.87	15.37 0.04 -0.91	20.46 -0.35 -0.45	20.09 -0.31 -0.02	19.42 -0.12 0.00	19.52 0.10 0.00	18.18 -0.18 -0.02	18.35 -0.07 0.00	16.46 -0.06 -0.35	16.28 -0.06 -0.38	16.22 -0.08 -0.44	16.41 -0.13 -0.50	20.52 -0.14 -0.22	23.34 -0.18 -0.49	27.13 -0.27 0.00	27.00 -0.52 -0.07	25.84 -0.21 0.00	21.13 0.02 0.00	18.99 0.00 0.00
ROCKVIEW_13_KV_LD 356306	17.67 0.76 -7.98	16.25 0.73 -6.51	16.15 0.71 -6.43	15.79 0.67 -6.84	16.26 0.69 -6.40	17.78 0.77 -6.89	22.84 1.18 -7.25	25.64 1.69 -3.60	22.27 1.71 -0.18	21.06 1.52 0.00	20.94 1.52 0.00	20.07 1.60 -0.13	20.01 1.58 0.00	20.40 1.46 -2.78	20.46 1.45 -3.04	20.89 1.49 -3.54	21.46 1.44 -3.98	24.24 1.86 -1.94	29.47 2.05 -4.39	29.76 2.36 0.00	30.31 2.28 -0.58	28.08 2.03 0.00	22.63 1.52 0.00	20.51 1.52 0.00
ROME____115KV_TB2 80656	9.65 0.29 -0.43	9.65 0.29 -0.35	9.66 0.31 -0.34	8.92 0.27 -0.37	9.85 0.34 -0.34	10.87 0.38 -0.37	15.38 0.58 -0.39	21.20 0.65 -0.19	21.08 0.69 -0.01	20.24 0.70 0.00	20.12 0.70 0.00	18.83 0.48 -0.01	18.88 0.46 0.00	16.76 0.42 -0.17	16.47 0.32 -0.19	16.44 0.36 -0.22	16.70 0.42 -0.24	21.03 0.49 -0.10	23.91 0.67 -0.21	28.31 0.90 0.00	28.58 1.13 0.00	27.14 1.09 0.00	21.95 0.84 0.00	19.73 0.74 0.00
ROSETON____1 23587	17.48 0.64 -7.90	16.07 0.61 -6.44	15.98 0.60 -6.37	15.62 0.57 -6.77	16.10 0.60 -6.34	17.59 0.65 -6.82	22.55 0.97 -7.17	25.30 1.38 -3.56	21.96 1.40 -0.17	20.79 1.25 0.00	20.73 1.30 0.00	19.79 1.32 -0.13	19.75 1.33 0.00	20.12 1.20 -2.75	20.16 1.18 -3.01	20.57 1.20 -3.50	21.16 1.19 -3.94	23.89 1.53 -1.91	29.03 1.66 -4.33	29.32 1.92 0.00	29.84 1.81 -0.57	27.71 1.67 0.00	22.37 1.27 0.00	20.25 1.25 0.00
ROSETON____2 23588	17.48 0.64 -7.90	16.07 0.61 -6.44	15.98 0.60 -6.37	15.62 0.57 -6.77	16.10 0.60 -6.34	17.59 0.65 -6.82	22.55 0.97 -7.17	25.30 1.38 -3.56	21.96 1.40 -0.17	20.79 1.25 0.00	20.73 1.30 0.00	19.79 1.32 -0.13	19.75 1.33 0.00	20.12 1.20 -2.75	20.16 1.18 -3.01	20.57 1.20 -3.50	21.16 1.19 -3.94	23.89 1.53 -1.91	29.03 1.66 -4.33	29.32 1.92 0.00	29.84 1.81 -0.57	27.71 1.67 0.00	22.37 1.27 0.00	20.25 1.25 0.00
ROTTSDAM_115KV_TB3 80664	20.05 0.40 -10.72	18.16 0.41 -8.74	18.06 0.41 -8.64	17.85 0.38 -9.19	18.19 0.42 -8.60	19.84 0.47 -9.26	24.84 0.69 -9.73	26.10 0.90 -4.85	21.59 0.98 -0.24	20.42 0.88 0.00	20.26 0.84 0.00	19.38 0.86 -0.17	19.27 0.85 0.00	20.67 0.76 -3.74	20.76 0.72 -4.07	21.31 0.71 -4.74	22.09 0.72 -5.33	23.68 0.94 -2.30	29.05 1.08 -4.94	28.72 1.32 0.00	30.59 1.35 -1.79	27.27 1.22 0.00	22.08 0.97 0.00	19.85 0.85 0.00
RUSSELL____1 23602	10.06 0.13 -1.00	9.96 0.13 -0.82	9.95 0.14 -0.81	9.25 0.11 -0.86	10.10 0.13 -0.80	11.10 0.12 -0.87	15.42 0.10 -0.91	20.56 -0.24 -0.45	20.18 -0.22 -0.02	19.50 -0.04 0.00	19.62 0.19 0.00	18.25 -0.11 -0.02	18.44 0.02 0.00	16.52 0.00 -0.35	16.36 0.02 -0.38	16.29 -0.02 -0.44	16.49 -0.05 -0.50	20.62 -0.04 -0.22	23.45 -0.07 -0.49	27.27 -0.14 0.00	27.13 -0.38 -0.07	25.97 -0.08 0.00	21.23 0.13 0.00	19.07 0.08 0.00
RUSSELL____2 23532	10.06 0.13 -1.00	9.96 0.13 -0.82	9.95 0.14 -0.81	9.25 0.11 -0.86	10.10 0.13 -0.80	11.10 0.12 -0.87	15.42 0.10 -0.91	20.56 -0.24 -0.45	20.18 -0.22 -0.02	19.50 -0.04 0.00	19.62 0.19 0.00	18.25 -0.11 -0.02	18.44 0.02 0.00	16.52 0.00 -0.35	16.36 0.02 -0.38	16.29 -0.02 -0.44	16.49 -0.05 -0.50	20.62 -0.04 -0.22	23.45 -0.07 -0.49	27.27 -0.14 0.00	27.13 -0.38 -0.07	25.97 -0.08 0.00	21.23 0.13 0.00	19.07 0.08 0.00
RUSSELL____3 23549	10.06 0.13 -1.00	9.96 0.13 -0.82	9.95 0.14 -0.81	9.25 0.11 -0.86	10.10 0.13 -0.80	11.10 0.12 -0.87	15.42 0.10 -0.91	20.56 -0.24 -0.45	20.18 -0.22 -0.02	19.50 -0.04 0.00	19.62 0.19 0.00	18.25 -0.11 -0.02	18.44 0.02 0.00	16.52 0.00 -0.35	16.36 0.02 -0.38	16.29 -0.02 -0.44	16.49 -0.05 -0.50	20.62 -0.04 -0.22	23.45 -0.07 -0.49	27.27 -0.14 0.00	27.13 -0.38 -0.07	25.97 -0.08 0.00	21.23 0.13 0.00	19.07 0.08 0.00
RUSSELL____4 23556	10.06 0.13 -1.00	9.96 0.13 -0.82	9.95 0.14 -0.81	9.25 0.11 -0.86	10.10 0.13 -0.80	11.10 0.12 -0.87	15.42 0.10 -0.91	20.56 -0.24 -0.45	20.18 -0.22 -0.02	19.50 -0.04 0.00	19.62 0.19 0.00	18.25 -0.11 -0.02	18.44 0.02 0.00	16.52 0.00 -0.35	16.36 0.02 -0.38	16.29 -0.02 -0.44	16.49 -0.05 -0.50	20.62 -0.04 -0.22	23.45 -0.07 -0.49	27.27 -0.14 0.00	27.13 -0.38 -0.07	25.97 -0.08 0.00	21.23 0.13 0.00	19.07 0.08 0.00

RUSSELL___STATION 23914	10.06 0.13 -1.00	9.96 0.13 -0.82	9.95 0.14 -0.81	9.25 0.11 -0.86	10.10 0.13 -0.80	11.10 0.12 -0.87	15.42 0.10 -0.91	20.56 -0.24 -0.45	20.18 -0.22 -0.02	19.50 -0.04 0.00	19.62 0.19 0.00	18.25 -0.11 -0.02	18.44 0.02 0.00	16.52 0.00 -0.35	16.36 0.02 -0.38	16.29 -0.02 -0.44	16.49 -0.05 -0.50	20.62 -0.04 -0.22	23.45 -0.07 -0.49	27.27 -0.14 0.00	27.13 -0.38 -0.07	25.97 -0.08 0.00	21.23 0.13 0.00	19.07 0.08 0.00
S SALMON___HYD 24043	9.55 0.02 -0.60	9.53 0.03 -0.49	9.52 0.04 -0.48	8.83 0.03 -0.51	9.70 0.05 -0.48	10.69 0.05 -0.52	15.06 0.10 -0.54	20.63 0.00 -0.27	20.29 -0.10 -0.01	19.52 -0.02 0.00	19.39 -0.04 0.00	18.24 -0.11 -0.01	18.31 -0.11 0.00	16.26 -0.13 -0.21	16.06 -0.14 -0.23	16.00 -0.13 -0.27	16.20 -0.14 -0.30	20.45 -0.12 -0.14	23.24 -0.09 -0.30	27.37 -0.03 0.00	27.59 0.14 0.00	26.23 0.18 0.00	21.23 0.13 0.00	19.09 0.10 0.00
S.PERRY__115KV_TB1 80734	10.79 0.36 -1.50	10.60 0.36 -1.22	10.59 0.38 -1.21	9.90 0.33 -1.28	10.76 0.39 -1.20	11.84 0.42 -1.29	16.31 0.53 -1.36	21.28 0.26 -0.66	20.63 0.22 -0.03	19.89 0.35 0.00	19.93 0.51 0.00	18.48 0.11 -0.02	18.62 0.20 0.00	16.83 0.15 -0.51	16.72 0.19 -0.56	16.69 0.17 -0.66	16.92 0.14 -0.74	21.14 0.37 -0.33	24.22 0.46 -0.72	28.11 0.71 0.00	28.16 0.60 -0.11	26.90 0.86 0.00	21.95 0.84 0.00	19.72 0.72 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	10.24 -0.05 -1.36	10.07 -0.05 -1.11	10.05 -0.05 -1.09	9.42 -0.02 -1.16	10.18 -0.08 -1.09	11.15 -0.14 -1.17	15.33 -0.32 -1.23	19.88 -1.08 -0.60	19.55 -0.86 -0.03	19.03 -0.51 0.00	19.17 -0.25 0.00	17.82 -0.55 -0.02	17.96 -0.46 0.00	16.12 -0.52 -0.47	15.99 -0.49 -0.51	15.93 -0.52 -0.60	16.12 -0.59 -0.67	19.98 -0.76 -0.30	22.80 -0.90 -0.66	26.33 -1.07 0.00	26.09 -1.45 -0.10	25.18 -0.86 0.00	20.83 -0.27 0.00	18.79 -0.21 0.00
SAWYER__23_KV_LOAD 55526	10.24 -0.05 -1.36	10.07 -0.05 -1.11	10.05 -0.05 -1.09	9.42 -0.02 -1.16	10.18 -0.08 -1.09	11.15 -0.14 -1.17	15.33 -0.32 -1.23	19.88 -1.08 -0.60	19.55 -0.86 -0.03	19.03 -0.51 0.00	19.17 -0.25 0.00	17.82 -0.55 -0.02	17.96 -0.46 0.00	16.12 -0.52 -0.47	15.99 -0.49 -0.51	15.93 -0.52 -0.60	16.12 -0.59 -0.67	19.98 -0.76 -0.30	22.80 -0.90 -0.66	26.33 -1.07 0.00	26.09 -1.45 -0.10	25.18 -0.86 0.00	20.83 -0.27 0.00	18.79 -0.21 0.00
SELKIRK___I 23801	19.25 0.36 -9.96	17.51 0.38 -8.12	17.43 0.40 -8.03	17.18 0.36 -8.54	17.56 0.40 -7.99	19.16 0.43 -8.60	24.05 0.59 -9.04	25.57 0.73 -4.48	21.39 0.79 -0.22	20.26 0.72 0.00	20.12 0.70 0.00	19.22 0.71 -0.16	19.14 0.72 0.00	20.23 0.60 -3.46	20.36 0.61 -3.79	20.86 0.59 -4.41	21.59 0.59 -4.95	23.36 0.76 -2.17	28.59 0.88 -4.68	28.47 1.07 0.00	29.52 1.07 -1.00	27.01 0.96 0.00	21.91 0.80 0.00	19.72 0.72 0.00
SELKIRK___II 23799	19.36 0.33 -10.09	17.60 0.35 -8.23	17.51 0.36 -8.14	17.26 0.32 -8.65	17.63 0.36 -8.10	19.22 0.38 -8.72	24.10 0.52 -9.17	25.57 0.67 -4.54	21.35 0.75 -0.22	20.22 0.68 0.00	20.09 0.66 0.00	19.20 0.70 -0.16	19.12 0.70 0.00	20.28 0.60 -3.50	20.40 0.59 -3.84	20.92 0.59 -4.47	21.64 0.58 -5.02	23.36 0.73 -2.18	28.56 0.83 -4.70	28.42 1.01 0.00	29.45 0.96 -1.04	26.93 0.89 0.00	21.85 0.74 0.00	19.66 0.66 0.00
SENECA OSWGO___HYD 24041	9.60 0.00 -0.67	9.56 0.00 -0.55	9.55 0.00 -0.54	8.86 0.01 -0.57	9.71 0.00 -0.54	10.69 0.00 -0.58	15.04 0.01 -0.61	20.56 -0.10 -0.30	20.29 -0.10 -0.01	19.50 -0.04 0.00	19.41 -0.02 0.00	18.28 -0.07 -0.01	18.35 -0.07 0.00	16.35 -0.06 -0.24	16.16 -0.06 -0.26	16.08 -0.08 -0.30	16.28 -0.10 -0.34	20.49 -0.10 -0.15	23.28 -0.09 -0.33	27.32 -0.08 0.00	27.51 0.06 0.00	26.04 0.00 0.00	21.09 -0.02 0.00	18.96 -0.04 0.00
SENECA___115KV_TB3 355854	10.35 -0.01 -1.43	10.18 0.00 -1.16	10.17 0.01 -1.15	9.52 0.02 -1.22	10.30 -0.02 -1.14	11.29 -0.06 -1.23	15.52 -0.19 -1.30	20.12 -0.88 -0.64	19.80 -0.61 -0.03	19.28 -0.25 0.00	19.39 -0.04 0.00	18.04 -0.33 -0.02	18.16 -0.26 0.00	16.28 -0.39 -0.49	16.14 -0.37 -0.54	16.07 -0.41 -0.63	16.26 -0.48 -0.71	20.16 -0.59 -0.32	23.01 -0.71 -0.69	26.66 -0.74 0.00	26.48 -1.07 -0.10	25.55 -0.49 0.00	21.11 0.00 0.00	19.01 0.02 0.00
SENECA___ENERGY 23797	9.92 0.03 -0.96	9.83 0.03 -0.78	9.81 0.03 -0.78	9.13 0.02 -0.82	9.98 0.04 -0.77	11.00 0.05 -0.83	15.34 0.06 -0.87	20.71 -0.08 -0.43	20.32 -0.08 -0.02	19.54 0.00 0.00	19.46 0.04 0.00	18.30 -0.05 -0.02	18.37 -0.06 0.00	16.48 -0.03 -0.34	16.32 -0.02 -0.37	16.24 -0.05 -0.43	16.48 -0.05 -0.48	20.62 -0.04 -0.22	23.44 -0.07 -0.48	27.35 -0.05 0.00	27.71 0.19 -0.06	26.10 0.05 0.00	21.15 0.04 0.00	19.01 0.02 0.00
SHOEMAKER___GT 23640	16.76 0.55 -7.27	15.48 0.53 -5.93	15.38 0.51 -5.86	15.00 0.49 -6.23	15.52 0.51 -5.84	16.96 0.56 -6.28	21.87 0.85 -6.60	24.84 1.20 -3.28	21.70 1.16 -0.16	20.57 1.03 0.00	20.49 1.07 0.00	19.54 1.08 -0.12	19.53 1.11 0.00	19.69 0.99 -2.53	19.74 1.01 -2.77	20.12 1.03 -3.23	20.69 1.03 -3.63	23.52 1.33 -1.76	28.46 1.45 -3.97	29.07 1.67 0.00	29.57 1.59 -0.53	27.53 1.48 0.00	22.20 1.10 0.00	20.06 1.06 0.00
SHOEMAKR_138KV_BK 111 55601	16.71 0.55 -7.22	15.44 0.53 -5.89	15.34 0.51 -5.83	14.96 0.49 -6.19	15.48 0.51 -5.80	16.92 0.56 -6.24	21.83 0.85 -6.56	24.81 1.20 -3.26	21.72 1.18 -0.16	20.57 1.04 0.00	20.47 1.05 0.00	19.56 1.10 -0.12	19.53 1.11 0.00	19.67 0.99 -2.51	19.73 1.01 -2.75	20.10 1.03 -3.21	20.67 1.03 -3.60	23.51 1.33 -1.74	28.43 1.45 -3.94	29.07 1.67 0.00	29.62 1.65 -0.53	27.53 1.48 0.00	22.23 1.12 0.00	20.08 1.08 0.00
SHOREHAM_IC_1 23715	24.58 0.80 -14.84	21.63 0.82 -11.79	19.74 0.82 -9.91	19.12 0.77 -10.07	19.92 0.81 -9.94	21.53 0.88 -10.53	28.06 1.24 -12.40	28.06 1.69 -6.01	27.99 1.37 -6.24	23.16 1.17 -2.45	24.96 1.20 -4.33	24.97 1.26 -5.36	24.97 1.31 -5.24	26.23 1.18 -8.87	27.64 1.21 -10.46	27.78 1.36 -10.56	30.23 1.38 -12.81	40.91 1.90 -18.57	44.28 2.05 -19.20	38.71 2.41 -8.89	38.70 2.31 -8.95	34.46 1.98 -6.43	27.46 1.58 -4.77	24.33 1.52 -3.81
SHOREHAM_IC_2 23716	24.58 0.80 -14.84	21.63 0.82 -11.79	19.74 0.82 -9.91	19.12 0.77 -10.07	19.92 0.81 -9.94	21.53 0.88 -10.53	28.06 1.24 -12.40	28.06 1.69 -6.01	27.99 1.37 -6.24	23.16 1.17 -2.45	24.96 1.20 -4.33	24.97 1.26 -5.36	24.97 1.31 -5.24	26.23 1.18 -8.87	27.64 1.21 -10.46	27.78 1.36 -10.56	30.23 1.38 -12.81	40.91 1.90 -18.57	44.28 2.05 -19.20	38.71 2.41 -8.89	38.70 2.31 -8.95	34.46 1.98 -6.43	27.46 1.58 -4.77	24.33 1.52 -3.81
SISSONVILLE___ 23735	8.63 -0.30 0.00	8.73 -0.29 0.00	8.73 -0.28 0.00	8.01 -0.27 0.00	8.89 -0.28 0.00	9.78 -0.33 0.00	13.82 -0.59 0.00	19.62 -0.73 0.00	19.48 -0.90 0.00	18.62 -0.92 0.00	18.43 -0.99 0.00	17.35 -0.99 0.00	17.35 -1.07 0.00	15.17 -1.00 0.00	14.96 -1.01 0.00	14.84 -1.01 0.00	15.08 -0.96 0.00	19.25 -1.19 0.00	21.81 -1.22 0.00	25.95 -1.45 0.00	26.43 -1.02 0.00	25.26 -0.78 0.00	20.56 -0.55 0.00	18.48 -0.51 0.00

SITHE_IND_GS1 24169	9.33 -0.13 -0.53	9.31 -0.13 -0.43	9.30 -0.13 -0.43	8.61 -0.12 -0.46	9.46 -0.14 -0.43	10.41 -0.16 -0.46	14.67 -0.23 -0.48	20.17 -0.43 -0.24	19.98 -0.41 -0.01	19.19 -0.35 0.00	19.09 -0.33 0.00	18.00 -0.35 -0.01	18.07 -0.35 0.00	16.05 -0.31 -0.19	15.87 -0.30 -0.20	15.80 -0.30 -0.24	15.99 -0.32 -0.27	20.17 -0.39 -0.12	22.86 -0.44 -0.26	26.88 -0.52 0.00	27.04 -0.41 0.00	25.60 -0.44 0.00	20.77 -0.34 0.00	18.67 -0.32 0.00
SITHE_IND_GS2 24170	9.33 -0.13 -0.53	9.31 -0.13 -0.43	9.30 -0.13 -0.43	8.61 -0.12 -0.46	9.46 -0.14 -0.43	10.41 -0.16 -0.46	14.67 -0.23 -0.48	20.17 -0.43 -0.24	19.98 -0.41 -0.01	19.19 -0.35 0.00	19.09 -0.33 0.00	18.00 -0.35 -0.01	18.07 -0.35 0.00	16.05 -0.31 -0.19	15.87 -0.30 -0.20	15.80 -0.30 -0.24	15.99 -0.32 -0.27	20.17 -0.39 -0.12	22.86 -0.44 -0.26	26.88 -0.52 0.00	27.04 -0.41 0.00	25.60 -0.44 0.00	20.77 -0.34 0.00	18.67 -0.32 0.00
SITHE_IND_GS3 24171	9.33 -0.13 -0.53	9.31 -0.13 -0.43	9.30 -0.13 -0.43	8.61 -0.12 -0.46	9.46 -0.14 -0.43	10.41 -0.16 -0.46	14.67 -0.23 -0.48	20.17 -0.43 -0.24	19.98 -0.41 -0.01	19.19 -0.35 0.00	19.09 -0.33 0.00	18.00 -0.35 -0.01	18.07 -0.35 0.00	16.05 -0.31 -0.19	15.87 -0.30 -0.20	15.80 -0.30 -0.24	15.99 -0.32 -0.27	20.17 -0.39 -0.12	22.86 -0.44 -0.26	26.88 -0.52 0.00	27.04 -0.41 0.00	25.60 -0.44 0.00	20.77 -0.34 0.00	18.67 -0.32 0.00
SITHE_IND_GS4 24172	9.33 -0.13 -0.53	9.31 -0.13 -0.43	9.30 -0.13 -0.43	8.61 -0.12 -0.46	9.46 -0.14 -0.43	10.41 -0.16 -0.46	14.67 -0.23 -0.48	20.17 -0.43 -0.24	19.98 -0.41 -0.01	19.19 -0.35 0.00	19.09 -0.33 0.00	18.00 -0.35 -0.01	18.07 -0.35 0.00	16.05 -0.31 -0.19	15.87 -0.30 -0.20	15.80 -0.30 -0.24	15.99 -0.32 -0.27	20.17 -0.39 -0.12	22.86 -0.44 -0.26	26.88 -0.52 0.00	27.04 -0.41 0.00	25.60 -0.44 0.00	20.77 -0.34 0.00	18.67 -0.32 0.00
SITHE___BATAVIA 24024	10.29 0.35 -1.01	10.18 0.34 -0.82	10.18 0.36 -0.81	9.45 0.31 -0.86	10.35 0.38 -0.81	11.40 0.41 -0.87	15.84 0.52 -0.91	21.05 0.25 -0.45	20.68 0.29 -0.02	19.97 0.43 0.00	19.95 0.52 0.00	18.62 0.26 -0.02	18.77 0.35 0.00	16.88 0.36 -0.35	16.65 0.30 -0.38	16.56 0.25 -0.45	16.76 0.22 -0.50	21.01 0.35 -0.23	23.94 0.42 -0.49	27.92 0.52 0.00	28.45 0.93 -0.07	26.70 0.65 0.00	21.76 0.66 0.00	19.53 0.53 0.00
SITHE___INDEPEND 23800	9.33 -0.13 -0.53	9.31 -0.14 -0.43	9.30 -0.14 -0.43	8.61 -0.12 -0.46	9.46 -0.14 -0.43	10.42 -0.16 -0.46	14.67 -0.23 -0.48	20.17 -0.43 -0.24	19.98 -0.41 -0.01	19.19 -0.35 0.00	19.11 -0.31 0.00	18.00 -0.35 -0.01	18.07 -0.35 0.00	16.05 -0.31 -0.19	15.87 -0.30 -0.20	15.80 -0.30 -0.24	15.99 -0.32 -0.27	20.17 -0.39 -0.12	22.86 -0.44 -0.26	26.88 -0.52 0.00	26.93 -0.52 0.00	25.60 -0.44 0.00	20.77 -0.34 0.00	18.67 -0.32 0.00
SITHE___MASSENA 23902	8.69 -0.25 0.00	8.78 -0.23 0.00	8.76 -0.24 0.00	8.05 -0.23 0.00	8.93 -0.24 0.00	9.85 -0.26 0.00	14.00 -0.42 0.00	19.91 -0.45 0.00	19.89 -0.49 0.00	19.05 -0.49 0.00	18.88 -0.54 0.00	17.79 -0.55 0.00	17.83 -0.59 0.00	15.66 -0.52 0.00	15.44 -0.53 0.00	15.34 -0.52 0.00	15.54 -0.50 0.00	19.81 -0.63 0.00	22.37 -0.67 0.00	26.58 -0.82 0.00	26.65 -0.80 0.00	25.42 -0.63 0.00	20.64 -0.46 0.00	18.58 -0.42 0.00
SITHE___OGDNSBRG 24021	8.70 -0.23 0.00	8.80 -0.22 0.00	8.79 -0.22 0.00	8.06 -0.22 0.00	8.97 -0.20 0.00	9.89 -0.22 0.00	14.04 -0.37 0.00	19.99 -0.37 0.00	19.81 -0.57 0.00	18.95 -0.59 0.00	18.76 -0.66 0.00	17.67 -0.68 0.00	17.70 -0.72 0.00	15.51 -0.66 0.00	15.30 -0.67 0.00	15.18 -0.68 0.00	15.41 -0.63 0.00	19.66 -0.78 0.00	22.30 -0.74 0.00	26.55 -0.85 0.00	26.93 -0.52 0.00	25.58 -0.47 0.00	20.77 -0.34 0.00	18.67 -0.32 0.00
SITHE___STERLING 23777	9.68 0.25 -0.50	9.67 0.25 -0.41	9.67 0.26 -0.40	8.94 0.23 -0.43	9.85 0.28 -0.40	10.86 0.31 -0.43	15.36 0.49 -0.45	21.09 0.51 -0.22	21.04 0.65 -0.01	20.20 0.66 0.00	20.09 0.66 0.00	18.85 0.50 -0.01	18.88 0.46 0.00	16.81 0.44 -0.20	16.52 0.34 -0.22	16.49 0.38 -0.26	16.76 0.43 -0.29	21.00 0.43 -0.13	23.87 0.55 -0.28	28.17 0.77 0.00	28.35 0.90 0.00	26.96 0.91 0.00	21.80 0.70 0.00	19.60 0.61 0.00
SLEIGHT__34_KV_TB1 80719	10.23 0.31 -0.98	10.13 0.32 -0.80	10.11 0.32 -0.79	9.41 0.29 -0.84	10.30 0.34 -0.79	11.36 0.39 -0.85	15.88 0.58 -0.89	21.39 0.59 -0.44	21.03 0.63 -0.02	20.26 0.72 0.00	20.24 0.82 0.00	18.93 0.57 -0.02	18.97 0.55 0.00	17.03 0.52 -0.34	16.84 0.49 -0.38	16.74 0.44 -0.44	16.98 0.45 -0.49	21.27 0.61 -0.22	24.16 0.64 -0.48	28.20 0.79 0.00	28.37 0.85 -0.07	26.98 0.94 0.00	21.83 0.72 0.00	19.58 0.59 0.00
SOUTH CAIRO___GT 23612	18.88 0.46 -9.49	17.20 0.45 -7.74	17.13 0.47 -7.66	16.84 0.42 -8.14	17.28 0.49 -7.62	18.84 0.53 -8.20	23.87 0.84 -8.62	25.69 1.06 -4.27	21.52 0.94 -0.21	20.38 0.84 0.00	20.24 0.82 0.00	19.28 0.79 -0.15	19.25 0.83 0.00	20.04 0.57 -3.30	20.23 0.65 -3.61	20.72 0.65 -4.21	21.54 0.77 -4.73	23.56 1.02 -2.09	28.87 1.29 -4.55	29.10 1.70 0.00	30.10 1.70 -0.95	27.71 1.67 0.00	22.31 1.20 0.00	19.94 0.95 0.00
SOUTH HAMPTN___IC 23720	24.72 0.94 -14.84	21.75 0.95 -11.79	19.86 0.95 -9.91	19.24 0.89 -10.07	20.05 0.94 -9.94	21.67 1.02 -10.53	28.27 1.46 -12.40	28.42 2.06 -6.01	28.26 1.63 -6.25	23.41 1.43 -2.45	25.22 1.46 -4.33	25.21 1.50 -5.36	25.29 1.62 -5.24	26.44 1.39 -8.88	27.94 1.52 -10.46	28.08 1.66 -10.56	30.54 1.68 -12.81	41.32 2.31 -18.57	44.74 2.51 -19.20	39.25 2.96 -8.89	39.25 2.85 -8.95	34.90 2.42 -6.43	27.80 1.92 -4.77	24.61 1.81 -3.81
SOUTHDOW__115KV_TB1 355954	10.62 0.14 -1.54	10.41 0.14 -1.26	10.41 0.16 -1.24	9.75 0.15 -1.32	10.57 0.17 -1.24	11.63 0.18 -1.33	16.05 0.23 -1.40	21.22 0.16 -0.71	20.90 0.49 -0.03	20.36 0.82 0.00	20.38 0.95 0.00	18.92 0.55 -0.03	18.97 0.55 0.00	16.96 0.24 -0.55	16.79 0.22 -0.60	16.59 0.03 -0.70	16.79 -0.03 -0.78	20.79 0.00 -0.35	23.90 0.09 -0.77	27.81 0.41 0.00	28.00 0.44 -0.11	27.09 1.04 0.00	22.31 1.20 0.00	20.11 1.12 0.00
SOUTHOLD_69_KV_BK 2 55809	24.85 1.07 -14.84	21.89 1.08 -11.79	19.98 1.06 -9.91	19.37 1.02 -10.07	20.18 1.07 -9.94	21.82 1.17 -10.53	28.50 1.69 -12.40	28.77 2.40 -6.01	28.48 1.85 -6.25	23.61 1.62 -2.45	25.35 1.59 -4.33	25.39 1.69 -5.36	25.54 1.88 -5.24	26.59 1.54 -8.88	28.20 1.77 -10.46	28.33 1.90 -10.56	30.81 1.96 -12.82	41.67 2.66 -18.57	45.23 2.99 -19.20	39.83 3.53 -8.89	39.69 3.29 -8.95	35.45 2.97 -6.43	28.16 2.28 -4.77	24.93 2.13 -3.81
SOUTHOLD___IC 23719	24.85 1.07 -14.84	21.89 1.08 -11.79	20.01 1.09 -9.91	19.37 1.02 -10.07	20.18 1.07 -9.94	21.82 1.17 -10.53	28.50 1.69 -12.40	28.77 2.40 -6.01	28.48 1.85 -6.25	23.61 1.62 -2.45	25.41 1.65 -4.33	25.39 1.69 -5.36	25.54 1.88 -5.24	26.59 1.54 -8.88	28.20 1.77 -10.46	28.32 1.90 -10.56	30.81 1.96 -12.81	41.69 2.68 -18.57	45.18 2.95 -19.20	39.77 3.48 -8.89	39.77 3.38 -8.95	35.37 2.89 -6.43	28.16 2.28 -4.77	24.91 2.11 -3.81

SPIERFLS_115KV_TB 1 80737	19.94 0.43 -10.57	18.06 0.42 -8.62	17.98 0.45 -8.52	17.75 0.41 -9.06	18.12 0.47 -8.48	19.80 0.55 -9.13	24.88 0.86 -9.60	26.26 1.12 -4.78	22.20 1.59 -0.23	20.98 1.45 0.00	20.71 1.28 0.00	19.78 1.27 -0.17	19.75 1.33 0.00	20.97 1.12 -3.68	21.11 1.12 -4.02	21.64 1.09 -4.69	22.43 1.12 -5.26	24.24 1.55 -2.25	29.72 1.87 -4.82	29.73 2.33 0.00	31.57 2.42 -1.71	28.23 2.19 0.00	22.75 1.65 0.00	20.40 1.41 0.00
ST LAWRENCE____ 23600	8.61 -0.32 0.00	8.71 -0.31 0.00	8.69 -0.32 0.00	7.99 -0.29 0.00	8.86 -0.31 0.00	9.77 -0.34 0.00	13.90 -0.52 0.00	19.79 -0.57 0.00	19.77 -0.61 0.00	18.93 -0.61 0.00	18.78 -0.64 0.00	17.72 -0.62 0.00	17.78 -0.65 0.00	15.61 -0.57 0.00	15.41 -0.56 0.00	15.30 -0.56 0.00	15.49 -0.55 0.00	19.72 -0.72 0.00	22.27 -0.76 0.00	26.47 -0.93 0.00	26.46 -0.99 0.00	25.21 -0.83 0.00	20.45 -0.65 0.00	18.39 -0.61 0.00
STATE_CA_115KV_115_LB 55624	19.61 0.34 -10.33	17.80 0.36 -8.42	17.72 0.39 -8.33	17.48 0.35 -8.86	17.84 0.38 -8.29	19.45 0.40 -8.93	24.34 0.55 -9.38	25.71 0.69 -4.66	21.40 0.79 -0.23	20.26 0.72 0.00	20.11 0.68 0.00	19.28 0.77 -0.16	19.18 0.76 0.00	20.40 0.66 -3.56	20.55 0.67 -3.92	21.07 0.65 -4.56	21.81 0.64 -5.12	23.44 0.80 -2.20	28.64 0.90 -4.71	28.50 1.10 0.00	29.84 1.07 -1.32	27.01 0.96 0.00	21.91 0.80 0.00	19.70 0.70 0.00
STATE_ST_34_KV_LOAD 55959	10.11 0.16 -1.02	10.01 0.16 -0.83	9.99 0.16 -0.82	9.30 0.15 -0.87	10.15 0.17 -0.82	11.20 0.20 -0.88	15.63 0.29 -0.92	21.28 0.47 -0.46	20.71 0.31 -0.02	19.91 0.37 0.00	19.85 0.43 0.00	18.65 0.29 -0.02	18.83 0.41 0.00	16.79 0.26 -0.36	16.73 0.37 -0.39	16.66 0.35 -0.46	16.90 0.35 -0.51	21.14 0.47 -0.23	24.04 0.51 -0.50	28.03 0.63 0.00	28.01 0.49 -0.07	26.59 0.55 0.00	21.51 0.40 0.00	19.34 0.34 0.00
STATION 5_MISC_HYD 23604	10.03 0.09 -1.00	9.92 0.09 -0.82	9.91 0.10 -0.81	9.22 0.08 -0.86	10.07 0.09 -0.80	11.06 0.08 -0.87	15.37 0.04 -0.91	20.46 -0.35 -0.45	20.09 -0.31 -0.02	19.42 -0.12 0.00	19.39 -0.04 0.00	18.19 -0.17 -0.02	18.35 -0.07 0.00	16.46 -0.06 -0.35	16.28 -0.06 -0.38	16.22 -0.08 -0.44	16.41 -0.13 -0.50	20.52 -0.14 -0.22	23.34 -0.19 -0.49	27.13 -0.27 0.00	27.60 0.08 -0.07	25.83 -0.21 0.00	21.13 0.02 0.00	18.99 0.00 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	10.00 0.12 -0.95	9.89 0.11 -0.77	9.89 0.12 -0.76	9.19 0.10 -0.81	10.06 0.13 -0.76	11.07 0.13 -0.82	15.43 0.16 -0.86	20.68 -0.10 -0.42	20.34 -0.06 -0.02	19.62 0.08 0.00	19.66 0.23 0.00	18.34 -0.02 -0.02	18.46 0.04 0.00	16.57 0.06 -0.33	16.36 0.03 -0.36	16.30 0.02 -0.42	16.50 -0.02 -0.47	20.67 0.02 -0.21	23.50 0.00 -0.46	27.37 -0.03 0.00	27.38 -0.14 -0.06	26.10 0.05 0.00	21.26 0.15 0.00	19.09 0.09 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	9.96 0.04 -0.98	9.85 0.04 -0.80	9.84 0.05 -0.79	9.16 0.03 -0.84	10.00 0.04 -0.79	10.99 0.02 -0.85	15.28 -0.03 -0.89	20.39 -0.41 -0.44	20.03 -0.37 -0.02	19.36 -0.18 0.00	19.44 0.02 0.00	18.10 -0.26 -0.02	18.27 -0.15 0.00	16.39 -0.13 -0.34	16.21 -0.13 -0.37	16.15 -0.14 -0.44	16.34 -0.19 -0.49	20.43 -0.22 -0.22	23.24 -0.28 -0.48	27.02 -0.38 0.00	26.91 -0.60 -0.07	25.73 -0.31 0.00	21.02 -0.08 0.00	18.90 -0.09 0.00
STA_56____34_KV_BUS2 355983	9.96 0.04 -0.98	9.85 0.04 -0.80	9.84 0.05 -0.79	9.16 0.03 -0.84	10.00 0.04 -0.79	10.99 0.02 -0.85	15.28 -0.03 -0.89	20.39 -0.41 -0.44	20.03 -0.37 -0.02	19.36 -0.18 0.00	19.44 0.02 0.00	18.10 -0.26 -0.02	18.27 -0.15 0.00	16.39 -0.13 -0.34	16.21 -0.13 -0.37	16.15 -0.14 -0.44	16.34 -0.19 -0.49	20.43 -0.22 -0.22	23.24 -0.28 -0.48	27.02 -0.38 0.00	26.91 -0.60 -0.07	25.73 -0.31 0.00	21.02 -0.08 0.00	18.90 -0.09 0.00
STA_67____115KV_BK2 355882	10.01 0.07 -1.00	9.90 0.07 -0.82	9.89 0.08 -0.81	9.20 0.07 -0.86	10.05 0.07 -0.80	11.04 0.06 -0.86	15.32 0.00 -0.91	20.42 -0.39 -0.45	20.05 -0.35 -0.02	19.38 -0.16 0.00	19.48 0.06 0.00	18.14 -0.22 -0.02	18.31 -0.11 0.00	16.42 -0.10 -0.35	16.25 -0.10 -0.38	16.19 -0.11 -0.44	16.38 -0.16 -0.50	20.48 -0.18 -0.22	23.27 -0.25 -0.49	27.07 -0.33 0.00	26.91 -0.60 -0.07	25.76 -0.29 0.00	21.09 -0.02 0.00	18.96 -0.04 0.00
STA_7____115KV_9TRANS 80674	10.06 0.13 -1.00	9.96 0.13 -0.82	9.95 0.14 -0.81	9.25 0.11 -0.86	10.10 0.13 -0.80	11.10 0.12 -0.87	15.42 0.10 -0.91	20.56 -0.24 -0.45	20.18 -0.22 -0.02	19.50 -0.04 0.00	19.62 0.19 0.00	18.25 -0.11 -0.02	18.44 0.02 0.00	16.52 0.00 -0.35	16.36 0.02 -0.38	16.29 -0.02 -0.44	16.49 -0.05 -0.50	20.62 -0.04 -0.22	23.45 -0.07 -0.49	27.27 -0.14 0.00	27.13 -0.38 -0.07	25.97 -0.08 0.00	21.23 0.13 0.00	19.07 0.08 0.00
STA_82____115KV_TB1 80780	10.02 0.08 -1.00	9.91 0.07 -0.82	9.91 0.09 -0.81	9.21 0.07 -0.86	10.05 0.07 -0.81	11.05 0.06 -0.87	15.34 0.01 -0.91	20.42 -0.39 -0.45	20.05 -0.35 -0.02	19.38 -0.16 0.00	19.48 0.06 0.00	18.14 -0.22 -0.02	18.31 -0.11 0.00	16.43 -0.10 -0.35	16.25 -0.10 -0.38	16.19 -0.11 -0.45	16.38 -0.16 -0.50	20.50 -0.16 -0.22	23.29 -0.23 -0.49	27.07 -0.33 0.00	26.94 -0.58 -0.07	25.78 -0.26 0.00	21.09 -0.02 0.00	18.96 -0.04 0.00
STEEL____WIND 323596	10.35 -0.01 -1.43	10.17 -0.01 -1.16	10.17 0.01 -1.15	9.51 0.01 -1.22	10.29 -0.03 -1.14	11.28 -0.07 -1.23	15.51 -0.20 -1.30	20.10 -0.90 -0.64	19.78 -0.63 -0.03	19.26 -0.27 0.00	19.15 -0.27 0.00	18.04 -0.33 -0.02	18.15 -0.28 0.00	16.26 -0.40 -0.49	16.12 -0.38 -0.54	16.06 -0.43 -0.63	16.25 -0.50 -0.71	20.14 -0.61 -0.32	23.02 -0.71 -0.70	26.66 -0.74 0.00	27.33 -0.22 -0.10	25.55 -0.50 0.00	21.09 -0.02 0.00	19.01 0.02 0.00
STEPHTWN_115KV_BK_2 55603	19.47 0.42 -10.12	17.71 0.45 -8.25	17.62 0.46 -8.16	17.37 0.41 -8.67	17.76 0.47 -8.12	19.37 0.52 -8.74	24.32 0.72 -9.19	25.79 0.88 -4.56	21.60 1.00 -0.22	20.44 0.90 0.00	20.28 0.85 0.00	19.41 0.90 -0.16	19.31 0.88 0.00	20.47 0.78 -3.52	20.60 0.77 -3.87	21.11 0.75 -4.51	21.84 0.74 -5.06	23.54 0.92 -2.18	28.78 1.08 -4.66	28.72 1.32 0.00	29.93 1.32 -1.17	27.24 1.20 0.00	22.08 0.97 0.00	19.83 0.84 0.00
STEBEN_REC_LFGE 323667	11.19 0.32 -1.94	10.92 0.32 -1.58	10.92 0.35 -1.56	10.28 0.34 -1.66	11.08 0.36 -1.55	12.19 0.40 -1.67	16.76 0.59 -1.76	21.70 0.57 -0.77	21.11 0.69 -0.04	20.44 0.90 0.00	20.38 0.95 0.00	19.01 0.64 -0.03	19.05 0.63 0.00	17.22 0.45 -0.60	17.07 0.45 -0.65	17.05 0.43 -0.76	17.29 0.40 -0.85	21.48 0.65 -0.38	24.63 0.76 -0.84	28.47 1.07 0.00	28.65 1.07 -0.13	27.40 1.35 0.00	22.35 1.25 0.00	20.10 1.10 0.00
STONY____BROOK 24151	24.72 0.94 -14.84	21.74 0.93 -11.79	19.84 0.92 -9.91	19.22 0.87 -10.07	20.02 0.91 -9.94	21.65 1.00 -10.53	28.27 1.46 -12.40	28.51 2.14 -6.01	28.39 1.77 -6.24	23.55 1.56 -2.45	25.36 1.61 -4.33	25.35 1.65 -5.36	25.46 1.81 -5.24	26.51 1.47 -8.87	28.01 1.60 -10.45	28.15 1.73 -10.56	30.57 1.72 -12.81	41.34 2.33 -18.57	44.70 2.47 -19.20	39.20 2.90 -8.89	39.20 2.80 -8.95	34.87 2.39 -6.43	27.80 1.92 -4.77	24.65 1.84 -3.81

STURGEON_POOL_HYD 23609	17.77 0.73 -8.10	16.30 0.68 -6.61	16.19 0.65 -6.53	15.84 0.61 -6.95	16.30 0.63 -6.50	17.80 0.69 -7.00	22.85 1.08 -7.36	25.51 1.51 -3.65	22.06 1.51 -0.18	20.92 1.39 0.00	20.84 1.42 0.00	19.96 1.49 -0.13	19.86 1.44 0.00	20.32 1.33 -2.82	20.32 1.26 -3.09	20.76 1.30 -3.60	21.38 1.30 -4.04	24.02 1.68 -1.91	29.11 1.82 -4.26	29.57 2.16 0.00	30.25 2.14 -0.65	28.08 2.03 0.00	22.58 1.48 0.00	20.48 1.48 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	16.99 0.63 -7.43	15.67 0.59 -6.06	15.58 0.58 -5.99	15.20 0.55 -6.37	15.70 0.57 -5.96	17.17 0.63 -6.42	22.11 0.95 -6.75	25.03 1.32 -3.35	21.89 1.34 -0.16	20.73 1.19 0.00	20.63 1.20 0.00	19.73 1.27 -0.12	19.66 1.23 0.00	19.91 1.15 -2.59	19.93 1.13 -2.83	20.32 1.16 -3.30	20.89 1.14 -3.71	23.73 1.49 -1.80	28.71 1.61 -4.06	29.27 1.86 0.00	29.86 1.87 -0.54	27.71 1.67 0.00	22.35 1.25 0.00	20.21 1.22 0.00
SWANROAD_115KV_TB1 355699	10.02 -0.21 -1.29	9.87 -0.20 -1.05	9.86 -0.19 -1.04	9.24 -0.15 -1.11	9.98 -0.23 -1.04	10.92 -0.31 -1.12	14.97 -0.62 -1.17	19.37 -1.57 -0.58	19.04 -1.37 -0.03	18.54 -1.00 0.00	18.71 -0.72 0.00	17.37 -0.99 -0.02	17.52 -0.90 0.00	15.75 -0.87 -0.45	15.61 -0.85 -0.49	15.57 -0.86 -0.57	15.73 -0.95 -0.64	19.52 -1.21 -0.29	22.23 -1.43 -0.63	25.68 -1.73 0.00	25.34 -2.20 -0.09	24.51 -1.54 0.00	20.31 -0.80 0.00	18.31 -0.68 0.00
SYNERGY___BIOGAS 323694	10.29 0.35 -1.01	10.18 0.34 -0.82	10.18 0.36 -0.81	9.45 0.31 -0.86	10.35 0.38 -0.81	11.40 0.41 -0.87	15.84 0.52 -0.91	21.05 0.25 -0.45	20.68 0.29 -0.02	19.97 0.43 0.00	19.95 0.52 0.00	18.62 0.26 -0.02	18.77 0.35 0.00	16.88 0.36 -0.35	16.65 0.30 -0.38	16.56 0.25 -0.45	16.76 0.22 -0.50	21.01 0.35 -0.23	23.94 0.42 -0.49	27.92 0.52 0.00	28.45 0.93 -0.07	26.70 0.65 0.00	21.76 0.66 0.00	19.53 0.53 0.00
SYRACUSE___ENERGY_ST1 323597	9.87 0.10 -0.84	9.80 0.10 -0.68	9.78 0.10 -0.67	9.09 0.09 -0.72	9.94 0.10 -0.67	10.95 0.11 -0.72	15.35 0.17 -0.76	20.86 0.12 -0.38	20.52 0.12 -0.02	19.73 0.20 0.00	19.68 0.25 0.00	18.50 0.15 -0.01	18.55 0.13 0.00	16.60 0.13 -0.29	16.42 0.13 -0.32	16.35 0.11 -0.38	16.57 0.11 -0.42	20.79 0.16 -0.19	23.61 0.16 -0.41	27.59 0.19 0.00	27.75 0.25 -0.05	26.36 0.31 0.00	21.34 0.23 0.00	19.18 0.19 0.00
SYRACUSE___ENERGY_ST2 323598	9.87 0.10 -0.84	9.80 0.10 -0.68	9.78 0.10 -0.67	9.09 0.09 -0.72	9.94 0.10 -0.67	10.95 0.11 -0.72	15.35 0.17 -0.76	20.86 0.12 -0.38	20.52 0.12 -0.02	19.73 0.20 0.00	19.68 0.25 0.00	18.50 0.15 -0.01	18.55 0.13 0.00	16.60 0.13 -0.29	16.42 0.13 -0.32	16.35 0.11 -0.38	16.57 0.11 -0.42	20.79 0.16 -0.19	23.61 0.16 -0.41	27.59 0.19 0.00	27.75 0.25 -0.05	26.36 0.31 0.00	21.34 0.23 0.00	19.18 0.19 0.00
SYRACUSE___POWER 24017	9.90 0.08 -0.88	9.82 0.08 -0.72	9.80 0.08 -0.71	9.11 0.07 -0.76	9.96 0.08 -0.71	10.97 0.09 -0.76	15.36 0.14 -0.80	20.84 0.08 -0.40	20.50 0.10 -0.02	19.69 0.16 0.00	19.64 0.21 0.00	18.47 0.11 -0.01	18.53 0.11 0.00	16.58 0.10 -0.31	16.41 0.10 -0.34	16.35 0.10 -0.40	16.58 0.10 -0.45	20.76 0.12 -0.20	23.58 0.12 -0.44	27.57 0.16 0.00	27.70 0.19 -0.06	26.28 0.23 0.00	21.30 0.19 0.00	19.15 0.15 0.00
TALLMAN__138KV_BK151 55660	17.28 0.70 -7.64	15.91 0.67 -6.23	15.82 0.65 -6.16	15.44 0.61 -6.55	15.94 0.63 -6.13	17.42 0.70 -6.60	22.42 1.07 -6.94	25.31 1.51 -3.45	22.07 1.53 -0.17	20.91 1.37 0.00	20.80 1.38 0.00	19.92 1.45 -0.12	19.86 1.44 0.00	20.14 1.31 -2.66	20.19 1.31 -2.91	20.59 1.33 -3.39	21.17 1.32 -3.81	23.99 1.70 -1.85	29.07 1.84 -4.19	29.51 2.11 0.00	30.09 2.09 -0.56	27.92 1.88 0.00	22.50 1.39 0.00	20.38 1.39 0.00
TEALLAVE_115KV_TB7 355573	9.73 0.05 -0.74	9.67 0.05 -0.60	9.66 0.05 -0.60	8.97 0.05 -0.64	9.82 0.06 -0.59	10.82 0.06 -0.64	15.19 0.10 -0.67	20.69 0.00 -0.33	20.44 0.04 -0.02	19.65 0.12 0.00	19.58 0.16 0.00	18.41 0.06 -0.01	18.48 0.06 0.00	16.50 0.06 -0.26	16.30 0.05 -0.29	16.24 0.05 -0.34	16.47 0.05 -0.38	20.67 0.06 -0.17	23.44 0.05 -0.36	27.46 0.05 0.00	27.58 0.08 -0.05	26.17 0.13 0.00	21.21 0.11 0.00	19.07 0.08 0.00
TELGRAPH_34_KV_EAST 80808	10.15 -0.03 -1.24	10.01 -0.02 -1.01	10.00 -0.01 -1.00	9.34 0.00 -1.06	10.13 -0.04 -1.00	11.10 -0.09 -1.07	15.27 -0.27 -1.13	19.85 -1.06 -0.55	19.55 -0.86 -0.03	18.99 -0.55 0.00	19.15 -0.27 0.00	17.76 -0.61 -0.02	17.91 -0.52 0.00	16.09 -0.52 -0.43	15.93 -0.51 -0.47	15.88 -0.52 -0.55	16.05 -0.61 -0.62	19.96 -0.76 -0.28	22.74 -0.90 -0.60	26.33 -1.07 0.00	26.08 -1.45 -0.09	25.16 -0.89 0.00	20.81 -0.30 0.00	18.75 -0.25 0.00
TEMPLE___115KV_TB 2 55572	9.75 0.06 -0.75	9.69 0.06 -0.61	9.67 0.06 -0.61	8.98 0.06 -0.64	9.84 0.06 -0.60	10.83 0.06 -0.65	15.20 0.10 -0.68	20.72 0.02 -0.34	20.46 0.06 -0.02	19.67 0.14 0.00	19.60 0.17 0.00	18.43 0.07 -0.01	18.51 0.09 0.00	16.52 0.08 -0.27	16.32 0.06 -0.29	16.26 0.06 -0.34	16.49 0.06 -0.38	20.69 0.08 -0.17	23.47 0.07 -0.37	27.48 0.08 0.00	27.58 0.08 -0.05	26.20 0.16 0.00	21.23 0.13 0.00	19.09 0.09 0.00
TIANA____69_KV_BK 1 55817	24.68 0.90 -14.84	21.72 0.91 -11.79	19.81 0.89 -9.91	19.22 0.86 -10.07	20.01 0.90 -9.94	21.63 0.98 -10.53	28.23 1.41 -12.40	28.34 1.97 -6.01	28.21 1.59 -6.25	23.37 1.39 -2.45	25.10 1.34 -4.33	25.17 1.47 -5.36	25.27 1.60 -5.24	26.41 1.36 -8.88	27.88 1.45 -10.46	28.02 1.60 -10.56	30.47 1.62 -12.82	41.20 2.19 -18.57	44.70 2.46 -19.20	39.20 2.90 -8.89	39.12 2.72 -8.95	34.87 2.40 -6.43	27.74 1.86 -4.77	24.57 1.77 -3.81
TILDEN___115KV_TB1 80814	9.90 0.08 -0.88	9.82 0.08 -0.72	9.80 0.08 -0.71	9.11 0.07 -0.76	9.96 0.08 -0.71	10.97 0.09 -0.76	15.36 0.14 -0.80	20.84 0.08 -0.40	20.50 0.10 -0.02	19.69 0.16 0.00	19.64 0.21 0.00	18.47 0.11 -0.01	18.53 0.11 0.00	16.58 0.10 -0.31	16.41 0.10 -0.34	16.35 0.10 -0.40	16.58 0.10 -0.45	20.76 0.12 -0.20	23.58 0.12 -0.44	27.57 0.16 0.00	27.70 0.19 -0.06	26.28 0.23 0.00	21.30 0.19 0.00	19.15 0.15 0.00
TRIGEN___CC 323695	24.65 0.87 -14.84	21.65 0.84 -11.79	19.74 0.82 -9.91	19.13 0.78 -10.07	19.92 0.81 -9.94	21.54 0.89 -10.53	28.16 1.34 -12.40	28.30 1.93 -6.01	27.45 1.77 -5.30	23.21 1.60 -2.07	24.69 1.61 -3.65	24.59 1.71 -4.54	24.63 1.79 -4.42	25.63 1.54 -7.92	26.85 1.58 -9.30	28.07 1.65 -10.56	30.46 1.60 -12.82	41.12 2.11 -18.57	44.51 2.28 -19.20	38.95 2.66 -8.89	38.92 2.53 -8.95	34.74 2.27 -6.43	27.65 1.77 -4.77	24.55 1.75 -3.81
TRINITY__115KV__ 4 BK 55933	19.38 0.31 -10.13	17.62 0.34 -8.26	17.53 0.35 -8.17	17.28 0.31 -8.69	17.66 0.36 -8.13	19.25 0.37 -8.76	24.11 0.49 -9.20	25.55 0.63 -4.56	21.36 0.75 -0.22	20.20 0.66 0.00	20.05 0.62 0.00	19.20 0.70 -0.16	19.12 0.70 0.00	20.30 0.60 -3.52	20.45 0.61 -3.87	20.96 0.59 -4.52	21.69 0.58 -5.07	23.32 0.69 -2.18	28.52 0.81 -4.68	28.39 0.99 0.00	29.56 0.93 -1.17	26.88 0.83 0.00	21.83 0.72 0.00	19.62 0.63 0.00

UNION___PROCESSING_DRP 323587	10.02 0.08 -1.01	9.92 0.08 -0.82	9.91 0.09 -0.81	9.22 0.07 -0.86	10.06 0.08 -0.81	11.05 0.06 -0.87	15.34 0.01 -0.91	20.44 -0.37 -0.45	20.07 -0.33 -0.02	19.40 -0.14 0.00	19.50 0.08 0.00	18.14 -0.22 -0.02	18.33 -0.09 0.00	16.43 -0.10 -0.35	16.25 -0.10 -0.38	16.21 -0.10 -0.45	16.40 -0.14 -0.50	20.50 -0.16 -0.22	23.29 -0.23 -0.49	27.10 -0.30 0.00	26.94 -0.58 -0.07	25.78 -0.26 0.00	21.11 0.00 0.00	18.98 -0.02 0.00
UPPER HUDSON___HYD 24058	19.94 0.43 -10.57	18.06 0.42 -8.62	17.98 0.45 -8.52	17.75 0.41 -9.06	18.12 0.47 -8.48	19.80 0.55 -9.13	24.88 0.86 -9.60	26.25 1.12 -4.78	22.20 1.59 -0.23	20.98 1.45 0.00	20.73 1.30 0.00	19.78 1.26 -0.17	19.75 1.33 0.00	20.97 1.12 -3.68	21.12 1.12 -4.04	21.65 1.09 -4.70	22.44 1.12 -5.28	24.26 1.55 -2.26	29.74 1.86 -4.84	29.73 2.33 0.00	31.60 2.44 -1.71	28.23 2.19 0.00	22.75 1.65 0.00	20.40 1.41 0.00
UPPER RAQUET___HYD 24056	8.63 -0.30 0.00	8.73 -0.29 0.00	8.73 -0.28 0.00	8.01 -0.27 0.00	8.90 -0.27 0.00	9.78 -0.33 0.00	13.82 -0.59 0.00	19.62 -0.73 0.00	19.48 -0.90 0.00	18.62 -0.92 0.00	18.44 -0.99 0.00	17.34 -1.01 0.00	17.35 -1.07 0.00	15.17 -1.00 0.00	14.96 -1.01 0.00	14.84 -1.02 0.00	15.08 -0.96 0.00	19.25 -1.19 0.00	21.81 -1.22 0.00	25.95 -1.45 0.00	26.22 -1.23 0.00	25.26 -0.78 0.00	20.56 -0.55 0.00	18.48 -0.51 0.00
VALLEY44_115KV_TB2 355964	10.45 -0.08 -1.59	10.24 -0.07 -1.30	10.23 -0.05 -1.28	9.59 -0.05 -1.36	10.35 -0.09 -1.28	11.37 -0.12 -1.37	15.66 -0.20 -1.44	20.37 -0.71 -0.73	20.03 -0.39 -0.04	19.50 -0.04 0.00	19.50 0.08 0.00	18.21 -0.17 -0.03	18.31 -0.11 0.00	16.31 -0.42 -0.56	16.20 -0.38 -0.62	16.05 -0.52 -0.72	16.27 -0.58 -0.81	20.11 -0.69 -0.36	23.04 -0.78 -0.79	26.88 -0.52 0.00	26.80 -0.77 -0.12	25.91 -0.13 0.00	21.30 0.19 0.00	19.22 0.23 0.00
VALLEY___115KV_TB 1-4 80826	8.96 0.03 0.00	9.04 0.03 0.00	9.04 0.04 0.00	8.31 0.02 0.00	9.22 0.05 0.00	10.18 0.06 0.00	14.53 0.12 0.00	20.40 0.04 0.00	20.48 0.10 0.00	19.62 0.08 0.00	19.50 0.08 0.00	18.38 0.04 0.00	18.38 -0.04 0.00	16.19 0.02 0.00	15.90 -0.06 0.00	15.81 -0.05 0.00	15.99 -0.05 0.00	20.36 -0.08 0.00	22.99 -0.05 0.00	27.37 -0.03 0.00	27.61 0.16 0.00	26.25 0.21 0.00	21.28 0.17 0.00	19.16 0.17 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	12.76 0.45 -3.37	12.21 0.44 -2.75	12.17 0.44 -2.72	11.58 0.41 -2.89	12.33 0.45 -2.71	13.53 0.50 -2.91	18.23 0.75 -3.06	22.98 1.10 -1.52	21.39 0.94 -0.07	20.42 0.88 0.00	20.30 0.87 0.00	19.19 0.79 -0.05	19.31 0.88 0.00	18.06 0.71 -1.18	18.00 0.75 -1.29	18.13 0.78 -1.50	18.49 0.77 -1.68	22.24 1.04 -0.76	25.89 1.20 -1.66	28.88 1.48 0.00	29.25 1.37 -0.42	27.35 1.30 0.00	22.12 1.01 0.00	19.94 0.95 0.00
VISCHER___FERRY HYD 24020	19.65 0.43 -10.29	17.84 0.44 -8.39	17.75 0.45 -8.30	17.50 0.41 -8.82	17.89 0.47 -8.25	19.52 0.52 -8.89	24.48 0.72 -9.34	25.94 0.94 -4.64	21.66 1.06 -0.23	20.49 0.96 0.00	20.34 0.91 0.00	19.46 0.95 -0.17	19.38 0.96 0.00	20.57 0.81 -3.58	20.67 0.78 -3.92	21.19 0.76 -4.57	21.96 0.79 -5.14	23.61 1.00 -2.17	28.78 1.15 -4.59	28.80 1.40 0.00	30.33 1.37 -1.51	27.32 1.28 0.00	22.14 1.03 0.00	19.92 0.93 0.00
V_A_10_SYNC_DSASP 323832	10.06 -0.03 -1.15	9.93 -0.02 -0.94	9.92 -0.02 -0.93	9.26 -0.01 -0.99	10.05 -0.05 -0.92	11.01 -0.10 -0.99	15.21 -0.25 -1.04	19.95 -0.92 -0.51	19.61 -0.79 -0.03	19.03 -0.51 0.00	19.15 -0.27 0.00	17.83 -0.53 -0.02	17.98 -0.44 0.00	16.15 -0.42 -0.40	16.00 -0.40 -0.44	15.96 -0.41 -0.51	16.13 -0.48 -0.57	20.10 -0.59 -0.26	22.86 -0.74 -0.56	26.42 -0.99 0.00	26.16 -1.37 -0.08	25.16 -0.89 0.00	20.75 -0.36 0.00	18.69 -0.30 0.00
V_CMM_10_SYNC_DSASP 323787	8.64 -0.29 0.00	8.73 -0.28 0.00	8.72 -0.29 0.00	8.01 -0.27 0.00	8.89 -0.28 0.00	9.81 -0.30 0.00	13.95 -0.46 0.00	19.85 -0.51 0.00	19.85 -0.53 0.00	19.01 -0.53 0.00	18.84 -0.58 0.00	17.78 -0.57 0.00	17.83 -0.59 0.00	15.66 -0.52 0.00	15.46 -0.51 0.00	15.35 -0.51 0.00	15.54 -0.50 0.00	19.81 -0.63 0.00	22.34 -0.69 0.00	26.55 -0.85 0.00	26.57 -0.88 0.00	25.32 -0.73 0.00	20.52 -0.59 0.00	18.46 -0.53 0.00
V_CMP_10_SYNC_DSASP 323788	8.75 -0.19 0.00	8.87 -0.14 0.00	8.86 -0.14 0.00	8.12 -0.16 0.00	9.03 -0.14 0.00	10.01 -0.11 0.00	14.26 -0.16 0.00	20.48 0.12 0.00	20.42 0.04 0.00	19.50 -0.04 0.00	19.23 -0.19 0.00	18.05 -0.29 0.00	18.13 -0.30 0.00	15.83 -0.34 0.00	15.71 -0.26 0.00	15.60 -0.25 0.00	15.88 -0.16 0.00	20.32 -0.12 0.00	23.03 0.00 0.00	27.37 -0.03 0.00	27.48 0.03 0.00	25.99 -0.05 0.00	21.09 -0.02 0.00	18.98 -0.02 0.00
V_E_10_SYNC_DSASP 323830	12.15 0.70 -2.52	11.77 0.70 -2.05	11.74 0.70 -2.03	11.08 0.64 -2.16	11.95 0.76 -2.02	13.14 0.85 -2.18	18.01 1.31 -2.29	23.04 1.55 -1.14	21.64 1.20 -0.06	20.71 1.17 0.00	20.49 1.07 0.00	19.17 0.79 -0.04	19.21 0.79 0.00	17.72 0.66 -0.88	17.55 0.62 -0.96	17.63 0.65 -1.12	18.06 0.75 -1.26	22.13 1.12 -0.57	25.80 1.52 -1.24	29.51 2.11 0.00	30.13 2.44 -0.24	28.39 2.34 0.00	22.94 1.84 0.00	20.67 1.67 0.00
V_F_30_NSYNC___DSASP 323816	19.98 0.51 -10.53	18.11 0.51 -8.59	18.02 0.52 -8.49	17.79 0.48 -9.03	18.16 0.54 -8.45	19.83 0.62 -9.10	24.90 0.92 -9.56	26.32 1.20 -4.76	21.96 1.34 -0.23	20.75 1.21 0.00	20.57 1.15 0.00	19.65 1.14 -0.17	19.58 1.16 0.00	20.85 1.00 -3.67	20.98 0.99 -4.02	21.51 0.97 -4.68	22.30 0.99 -5.26	24.00 1.31 -2.25	29.38 1.54 -4.80	29.29 1.89 0.00	31.08 1.95 -1.68	27.82 1.77 0.00	22.48 1.37 0.00	20.19 1.20 0.00
V_F_30_SYNC_DSASP 323786	19.60 0.34 -10.32	17.79 0.36 -8.41	17.72 0.39 -8.32	17.48 0.35 -8.85	17.83 0.38 -8.28	19.44 0.40 -8.92	24.33 0.55 -9.37	25.70 0.69 -4.66	21.40 0.79 -0.23	20.26 0.72 0.00	20.11 0.68 0.00	19.28 0.77 -0.16	19.18 0.76 0.00	20.40 0.66 -3.56	20.55 0.67 -3.91	21.07 0.65 -4.56	21.80 0.64 -5.12	23.41 0.78 -2.20	28.64 0.90 -4.70	28.50 1.10 0.00	29.83 1.07 -1.31	27.01 0.96 0.00	21.91 0.80 0.00	19.70 0.70 0.00
V_XM_10_SYNC_DSASP 323789	8.75 -0.19 0.00	8.87 -0.14 0.00	8.86 -0.14 0.00	8.12 -0.16 0.00	9.03 -0.14 0.00	10.01 -0.11 0.00	14.26 -0.16 0.00	20.48 0.12 0.00	20.42 0.04 0.00	19.50 -0.04 0.00	19.23 -0.19 0.00	18.05 -0.29 0.00	18.13 -0.30 0.00	15.83 -0.34 0.00	15.71 -0.26 0.00	15.60 -0.25 0.00	15.88 -0.16 0.00	20.32 -0.12 0.00	23.03 0.00 0.00	27.37 -0.03 0.00	27.48 0.03 0.00	25.99 -0.05 0.00	21.09 -0.02 0.00	18.98 -0.02 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	17.34 0.71 -7.69	15.97 0.69 -6.27	15.87 0.67 -6.20	15.50 0.63 -6.59	16.00 0.66 -6.17	17.48 0.72 -6.64	22.51 1.11 -6.98	25.39 1.57 -3.47	22.14 1.59 -0.17	20.94 1.41 0.00	20.84 1.42 0.00	19.95 1.49 -0.12	19.89 1.47 0.00	20.19 1.34 -2.67	20.24 1.34 -2.93	20.64 1.36 -3.42	21.22 1.35 -3.84	24.06 1.76 -1.86	29.16 1.91 -4.22	29.59 2.19 0.00	30.18 2.17 -0.56	28.00 1.95 0.00	22.56 1.46 0.00	20.42 1.42 0.00

W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	17.72 0.80 -7.98	16.29 0.77 -6.51	16.19 0.75 -6.43	15.83 0.71 -6.84	16.30 0.72 -6.40	17.81 0.80 -6.89	22.87 1.21 -7.25	25.70 1.75 -3.60	22.37 1.81 -0.18	21.16 1.62 0.00	21.06 1.63 0.00	20.18 1.71 -0.13	20.12 1.69 0.00	20.49 1.54 -2.78	20.56 1.55 -3.04	20.99 1.59 -3.54	21.54 1.52 -3.98	24.36 1.98 -1.94	29.54 2.12 -4.39	29.84 2.44 0.00	30.39 2.36 -0.58	28.15 2.11 0.00	22.71 1.60 0.00	20.61 1.61 0.00
W50THST__13_KV_LOAD 356117	17.75 0.84 -7.98	16.31 0.79 -6.51	16.21 0.77 -6.43	15.86 0.74 -6.84	16.33 0.75 -6.40	17.85 0.84 -6.89	22.94 1.28 -7.25	25.81 1.85 -3.60	22.47 1.92 -0.18	21.28 1.74 0.00	21.15 1.73 0.00	20.29 1.82 -0.13	20.21 1.79 0.00	20.58 1.63 -2.78	20.65 1.64 -3.04	21.08 1.68 -3.54	21.64 1.62 -3.98	24.48 2.11 -1.94	29.66 2.23 -4.39	29.98 2.58 0.00	30.50 2.47 -0.58	28.26 2.21 0.00	22.77 1.67 0.00	20.68 1.69 0.00
WADING RIVER_IC_1 23522	24.57 0.79 -14.84	21.62 0.81 -11.79	19.73 0.81 -9.91	19.12 0.76 -10.07	19.91 0.80 -9.94	21.52 0.87 -10.53	28.04 1.22 -12.40	28.04 1.67 -6.01	27.97 1.34 -6.25	23.14 1.15 -2.45	24.94 1.19 -4.33	24.96 1.25 -5.36	24.97 1.31 -5.24	26.23 1.18 -8.88	27.64 1.21 -10.46	27.78 1.36 -10.56	30.22 1.36 -12.81	40.91 1.90 -18.57	44.26 2.03 -19.20	38.68 2.38 -8.89	38.68 2.28 -8.95	34.43 1.95 -6.43	27.42 1.54 -4.77	24.29 1.48 -3.81
WADING RIVER_IC_2 23547	24.57 0.79 -14.84	21.62 0.81 -11.79	19.73 0.81 -9.91	19.12 0.76 -10.07	19.91 0.80 -9.94	21.52 0.87 -10.53	28.04 1.22 -12.40	28.04 1.67 -6.01	27.97 1.34 -6.25	23.14 1.15 -2.45	24.94 1.19 -4.33	24.96 1.25 -5.36	24.97 1.31 -5.24	26.23 1.18 -8.88	27.64 1.21 -10.46	27.78 1.36 -10.56	30.22 1.36 -12.81	40.91 1.90 -18.57	44.26 2.03 -19.20	38.68 2.38 -8.89	38.68 2.28 -8.95	34.43 1.95 -6.43	27.42 1.54 -4.77	24.29 1.48 -3.81
WADING RIVER_IC_3 23601	24.57 0.79 -14.84	21.62 0.81 -11.79	19.73 0.81 -9.91	19.12 0.76 -10.07	19.91 0.80 -9.94	21.52 0.87 -10.53	28.04 1.22 -12.40	28.04 1.67 -6.01	27.97 1.34 -6.25	23.14 1.15 -2.45	24.94 1.19 -4.33	24.96 1.25 -5.36	24.97 1.31 -5.24	26.23 1.18 -8.88	27.64 1.21 -10.46	27.78 1.36 -10.56	30.22 1.36 -12.81	40.91 1.90 -18.57	44.26 2.03 -19.20	38.68 2.38 -8.89	38.68 2.28 -8.95	34.43 1.95 -6.43	27.42 1.54 -4.77	24.29 1.48 -3.81
WALDENNY_12_KV_BK2 80841	10.33 -0.02 -1.41	10.16 -0.01 -1.15	10.14 0.00 -1.14	9.50 0.01 -1.21	10.27 -0.04 -1.13	11.27 -0.07 -1.22	15.48 -0.22 -1.28	20.07 -0.92 -0.63	19.74 -0.67 -0.03	19.23 -0.31 0.00	19.35 -0.08 0.00	18.00 -0.37 -0.02	18.13 -0.29 0.00	16.26 -0.40 -0.49	16.12 -0.38 -0.53	16.05 -0.43 -0.62	16.24 -0.50 -0.70	20.12 -0.63 -0.31	22.98 -0.74 -0.69	26.61 -0.79 0.00	26.42 -1.13 -0.10	25.47 -0.57 0.00	21.07 -0.04 0.00	18.98 -0.02 0.00
WALDEN__HYDRO 24148	17.35 0.70 -7.71	15.96 0.66 -6.29	15.86 0.64 -6.22	15.50 0.60 -6.61	15.99 0.63 -6.19	17.47 0.69 -6.66	22.48 1.07 -7.00	25.32 1.49 -3.48	21.99 1.45 -0.17	20.81 1.27 0.00	20.75 1.32 0.00	19.79 1.32 -0.12	19.71 1.29 0.00	20.05 1.20 -2.68	20.10 1.20 -2.94	20.50 1.22 -3.42	21.14 1.25 -3.85	23.93 1.64 -1.85	29.03 1.82 -4.18	29.51 2.11 0.00	30.02 2.00 -0.57	28.00 1.95 0.00	22.50 1.39 0.00	20.32 1.33 0.00
WARRENSBURG____ 23737	19.94 0.43 -10.57	18.06 0.42 -8.62	17.98 0.45 -8.52	17.75 0.41 -9.06	18.12 0.47 -8.48	19.80 0.55 -9.13	24.88 0.86 -9.60	26.25 1.12 -4.78	22.20 1.59 -0.23	20.98 1.45 0.00	20.73 1.30 0.00	19.78 1.26 -0.17	19.75 1.33 0.00	20.97 1.12 -3.68	21.12 1.12 -4.04	21.65 1.09 -4.70	22.44 1.12 -5.28	24.26 1.55 -2.26	29.74 1.86 -4.84	29.73 2.33 0.00	31.60 2.44 -1.71	28.23 2.19 0.00	22.75 1.65 0.00	20.40 1.41 0.00
WATERSIDE____6 8 9 23538	17.75 0.83 -7.99	16.31 0.79 -6.51	16.21 0.77 -6.43	15.86 0.74 -6.85	16.32 0.74 -6.40	17.82 0.81 -6.89	22.86 1.20 -7.25	25.68 1.73 -3.60	22.33 1.77 -0.18	21.14 1.60 0.00	21.04 1.61 0.00	20.20 1.72 -0.13	20.12 1.69 0.00	20.49 1.54 -2.78	20.57 1.56 -3.04	21.00 1.60 -3.54	21.56 1.54 -3.98	24.38 2.00 -1.94	29.54 2.12 -4.39	29.84 2.44 0.00	30.36 2.33 -0.58	28.13 2.08 0.00	22.67 1.56 0.00	20.67 1.67 0.00
WATKINRD_115KV_LN8_ILLION 55919	8.98 0.04 0.00	9.06 0.05 0.00	9.05 0.05 0.00	8.32 0.04 0.00	9.23 0.06 0.00	10.18 0.06 0.00	14.53 0.12 0.00	20.44 0.08 0.00	20.48 0.10 0.00	19.62 0.08 0.00	19.50 0.08 0.00	18.40 0.06 0.00	18.44 0.02 0.00	16.22 0.05 0.00	15.97 0.00 0.00	15.86 0.00 0.00	16.06 0.02 0.00	20.46 0.02 0.00	23.08 0.05 0.00	27.48 0.08 0.00	27.64 0.19 0.00	26.25 0.21 0.00	21.26 0.15 0.00	19.15 0.15 0.00
WATSON____69_KV_BK 1 55734	24.77 0.99 -14.84	21.78 0.97 -11.79	19.87 0.95 -9.91	19.26 0.90 -10.07	20.06 0.95 -9.94	21.70 1.05 -10.53	28.36 1.54 -12.40	28.61 2.24 -6.01	28.46 1.90 -6.19	23.64 1.68 -2.43	25.39 1.67 -4.29	25.42 1.76 -5.31	25.49 1.88 -5.19	26.59 1.60 -8.81	28.05 1.69 -10.39	28.23 1.81 -10.56	30.67 1.81 -12.82	41.44 2.43 -18.57	44.95 2.72 -19.20	39.50 3.21 -8.89	39.42 3.02 -8.95	35.19 2.71 -6.43	27.97 2.09 -4.77	24.80 1.99 -3.81
WDELAWARE__HYD 323627	16.83 0.74 -7.15	15.51 0.67 -5.83	15.42 0.65 -5.76	15.02 0.61 -6.13	15.57 0.66 -5.74	16.98 0.69 -6.18	22.03 1.12 -6.49	25.12 1.55 -3.22	21.90 1.37 -0.16	20.69 1.15 0.00	20.69 1.26 0.00	19.69 1.23 -0.11	19.64 1.22 0.00	19.79 1.13 -2.49	19.46 0.77 -2.72	19.86 0.82 -3.17	20.50 0.90 -3.56	23.34 1.21 -1.70	28.15 1.31 -3.80	28.88 1.48 0.00	29.97 1.98 -0.55	28.10 2.06 0.00	22.50 1.39 0.00	20.29 1.29 0.00
WEST BABYLON__IC 23714	24.76 0.98 -14.84	21.76 0.96 -11.79	19.86 0.95 -9.91	19.24 0.89 -10.07	20.04 0.94 -9.94	21.68 1.03 -10.53	28.34 1.53 -12.40	28.59 2.22 -6.01	28.35 1.92 -6.06	23.61 1.70 -2.37	25.33 1.71 -4.20	25.34 1.80 -5.20	25.42 1.92 -5.08	26.48 1.62 -8.68	27.91 1.71 -10.23	28.23 1.81 -10.56	30.65 1.80 -12.82	41.40 2.39 -18.57	44.90 2.67 -19.20	39.44 3.15 -8.89	39.36 2.96 -8.95	35.13 2.66 -6.43	27.93 2.05 -4.77	24.80 1.99 -3.81
WEST CANADA__HYD 24049	8.98 0.04 0.00	9.06 0.05 0.00	9.05 0.05 0.00	8.32 0.04 0.00	9.22 0.05 0.00	10.17 0.05 0.00	14.50 0.09 0.00	20.44 0.08 0.00	20.46 0.08 0.00	19.62 0.08 0.00	19.50 0.08 0.00	18.42 0.07 0.00	18.50 0.07 0.00	16.24 0.06 0.00	16.02 0.05 0.00	15.91 0.05 0.00	16.09 0.05 0.00	20.52 0.08 0.00	23.13 0.09 0.00	27.54 0.14 0.00	27.59 0.14 0.00	26.18 0.13 0.00	21.21 0.11 0.00	19.09 0.10 0.00
WESTERN_NY_WIND 24143	10.23 0.03 -1.27	10.08 0.04 -1.03	10.08 0.05 -1.02	9.42 0.05 -1.09	10.21 0.03 -1.02	11.20 -0.01 -1.10	15.38 -0.19 -1.15	19.95 -0.98 -0.57	19.61 -0.80 -0.03	19.05 -0.49 0.00	18.94 -0.48 0.00	17.81 -0.55 -0.02	17.96 -0.46 0.00	16.14 -0.47 -0.44	15.98 -0.46 -0.48	15.93 -0.49 -0.56	16.11 -0.56 -0.63	20.03 -0.70 -0.28	22.85 -0.81 -0.62	26.47 -0.93 0.00	27.18 -0.36 -0.09	25.34 -0.70 0.00	20.94 -0.17 0.00	18.84 -0.15 0.00

WESTOVER___LESR 323668	11.82 0.24 -2.65	11.41 0.23 -2.16	11.38 0.24 -2.13	10.77 0.22 -2.27	11.53 0.24 -2.12	12.66 0.25 -2.29	17.19 0.37 -2.40	21.86 0.31 -1.20	20.80 0.37 -0.06	19.99 0.45 0.00	19.91 0.49 0.00	18.75 0.37 -0.04	18.79 0.37 0.00	17.37 0.27 -0.92	17.25 0.27 -1.01	17.31 0.27 -1.18	17.62 0.26 -1.32	21.40 0.37 -0.60	24.75 0.41 -1.30	27.98 0.58 0.00	28.18 0.52 -0.21	26.70 0.65 0.00	21.68 0.57 0.00	19.53 0.53 0.00
WETHRSFD_WT_PWR 323626	10.55 0.01 -1.60	10.34 0.02 -1.31	10.33 0.03 -1.29	9.70 0.04 -1.37	10.47 0.01 -1.29	11.48 -0.02 -1.38	15.78 -0.09 -1.46	20.42 -0.65 -0.71	19.96 -0.45 -0.03	19.38 -0.16 0.00	19.27 -0.16 0.00	18.15 -0.22 -0.03	18.24 -0.18 0.00	16.44 -0.29 -0.55	16.30 -0.27 -0.61	16.26 -0.30 -0.71	16.46 -0.37 -0.79	20.39 -0.41 -0.36	23.36 -0.46 -0.78	26.96 -0.44 0.00	27.59 0.03 -0.12	25.81 -0.23 0.00	21.21 0.11 0.00	19.13 0.13 0.00
WHAVSTOR_138KV_BK127 55557	17.32 0.69 -7.70	15.95 0.66 -6.28	15.85 0.64 -6.21	15.49 0.60 -6.60	15.98 0.63 -6.18	17.46 0.69 -6.65	22.46 1.05 -6.99	25.31 1.49 -3.47	22.06 1.51 -0.17	20.89 1.35 0.00	20.78 1.36 0.00	19.90 1.43 -0.12	19.84 1.42 0.00	20.15 1.29 -2.68	20.19 1.29 -2.93	20.59 1.32 -3.42	21.16 1.28 -3.84	23.98 1.68 -1.87	29.08 1.82 -4.22	29.48 2.08 0.00	30.07 2.06 -0.56	27.87 1.82 0.00	22.48 1.37 0.00	20.36 1.37 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	17.32 0.69 -7.70	15.95 0.66 -6.28	15.85 0.64 -6.21	15.49 0.60 -6.60	15.98 0.63 -6.18	17.46 0.69 -6.65	22.46 1.05 -6.99	25.31 1.49 -3.47	22.06 1.51 -0.17	20.89 1.35 0.00	20.78 1.36 0.00	19.90 1.43 -0.12	19.84 1.42 0.00	20.15 1.29 -2.68	20.19 1.29 -2.93	20.59 1.32 -3.42	21.16 1.28 -3.84	23.98 1.68 -1.87	29.08 1.82 -4.22	29.48 2.08 0.00	30.07 2.06 -0.56	27.87 1.82 0.00	22.48 1.37 0.00	20.36 1.37 0.00
WHITEHAL_115KV_TB1 80871	20.12 0.63 -10.56	18.23 0.61 -8.61	18.17 0.65 -8.51	17.92 0.59 -9.05	18.32 0.68 -8.47	20.02 0.78 -9.12	25.27 1.27 -9.59	26.78 1.65 -4.77	22.59 1.98 -0.23	21.32 1.78 0.00	21.04 1.61 0.00	20.07 1.56 -0.17	20.08 1.66 0.00	21.23 1.37 -3.68	21.42 1.44 -4.02	21.93 1.40 -4.68	22.74 1.44 -5.26	24.67 1.98 -2.25	30.23 2.40 -4.80	30.44 3.04 0.00	32.28 3.13 -1.70	28.88 2.84 0.00	23.20 2.09 0.00	20.76 1.77 0.00
WHITEPLN_13_KV_LOAD 356215	17.68 0.78 -7.96	16.26 0.76 -6.49	16.18 0.75 -6.42	15.81 0.70 -6.83	16.29 0.72 -6.39	17.80 0.80 -6.88	22.90 1.25 -7.23	25.64 1.69 -3.59	22.35 1.79 -0.18	21.10 1.56 0.00	21.00 1.57 0.00	20.10 1.63 -0.13	20.01 1.58 0.00	20.48 1.54 -2.77	20.46 1.45 -3.04	20.89 1.49 -3.54	21.46 1.44 -3.97	24.23 1.86 -1.93	29.49 2.07 -4.38	29.79 2.38 0.00	30.42 2.39 -0.58	28.18 2.14 0.00	22.71 1.60 0.00	20.55 1.56 0.00
WM_FLOYD_69_KV_BK2 356380	24.65 0.87 -14.84	21.67 0.87 -11.79	19.77 0.85 -9.91	19.17 0.82 -10.07	19.96 0.85 -9.94	21.58 0.93 -10.53	28.16 1.34 -12.40	28.26 1.89 -6.01	28.17 1.55 -6.24	23.33 1.35 -2.45	25.08 1.32 -4.33	25.14 1.43 -5.36	25.19 1.53 -5.24	26.37 1.33 -8.87	27.81 1.39 -10.46	27.94 1.52 -10.56	30.39 1.54 -12.82	41.08 2.06 -18.57	44.54 2.30 -19.20	39.01 2.71 -8.89	38.95 2.55 -8.95	34.74 2.27 -6.43	27.63 1.75 -4.77	24.50 1.69 -3.81
WOODARD__115KV_TB2 355635	9.72 0.04 -0.74	9.65 0.03 -0.61	9.64 0.04 -0.60	8.95 0.03 -0.64	9.79 0.03 -0.60	10.79 0.03 -0.64	15.15 0.06 -0.68	20.65 -0.04 -0.34	20.37 -0.02 -0.02	19.60 0.06 0.00	19.52 0.10 0.00	18.37 0.02 -0.01	18.44 0.02 0.00	16.45 0.02 -0.26	16.26 0.00 -0.29	16.19 0.00 -0.34	16.42 0.00 -0.38	20.63 0.02 -0.17	23.38 -0.02 -0.37	27.40 0.00 0.00	27.50 0.00 -0.05	26.12 0.08 0.00	21.17 0.06 0.00	19.03 0.04 0.00
YORK___WARBASSE 23770	17.80 0.88 -7.99	16.35 0.83 -6.51	16.25 0.81 -6.43	15.90 0.77 -6.85	16.34 0.77 -6.40	17.84 0.83 -6.89	22.90 1.24 -7.25	25.74 1.79 -3.60	22.39 1.83 -0.18	21.18 1.64 0.00	21.10 1.67 0.00	20.25 1.78 -0.13	20.17 1.75 0.00	20.53 1.59 -2.78	20.62 1.61 -3.04	21.07 1.67 -3.54	21.61 1.59 -3.98	24.48 2.11 -1.94	29.66 2.23 -4.39	29.98 2.58 0.00	30.53 2.50 -0.58	28.26 2.21 0.00	22.75 1.65 0.00	20.76 1.77 0.00