

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

06/07/2023

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	19.80	17.71	17.02	16.31	16.27	17.67	21.22	22.39	22.75	22.52	22.78	22.56	22.81	23.89	25.71	27.90	29.10	36.90	32.43	30.71	29.37	25.08	23.14	21.10
24138	1.17	1.05	1.03	0.98	0.96	1.05	1.29	1.51	1.64	1.74	1.78	1.79	1.83	1.82	1.98	2.06	2.13	2.49	2.52	2.27	2.13	1.75	1.47	1.32
	0.00	0.00	-0.11	0.00	0.00	0.00	-0.70	-1.21	-0.41	-0.02	-0.02	-0.02	-0.17	-1.56	-1.49	-3.17	-3.77	-7.10	-1.89	-1.73	-0.01	0.00	-0.01	0.00
74TH STREET_GT_1	19.80	17.73	17.03	16.33	16.27	17.67	21.20	22.39	22.75	22.47	22.75	22.54	22.82	23.84	25.64	27.76	29.02	36.65	32.40	30.71	29.37	25.11	23.16	21.12
24260	1.17	1.07	1.05	1.00	0.96	1.05	1.27	1.51	1.64	1.70	1.76	1.76	1.85	1.85	2.00	2.09	2.16	2.51	2.49	2.27	2.12	1.77	1.49	1.34
	0.00	0.00	-0.11	0.00	0.00	0.00	-0.70	-1.21	-0.41	-0.02	-0.02	-0.02	-0.16	-1.49	-1.39	-3.01	-3.67	-6.82	-1.89	-1.73	-0.01	0.00	-0.01	0.00
74TH STREET_GT_2	19.80	17.73	17.03	16.33	16.27	17.67	21.20	22.39	22.75	22.47	22.75	22.54	22.82	23.84	25.64	27.76	29.02	36.65	32.40	30.71	29.37	25.11	23.16	21.12
24261	1.17	1.07	1.05	1.00	0.96	1.05	1.27	1.51	1.64	1.70	1.76	1.76	1.85	1.85	2.00	2.09	2.16	2.51	2.49	2.27	2.12	1.77	1.49	1.34
	0.00	0.00	-0.11	0.00	0.00	0.00	-0.70	-1.21	-0.41	-0.02	-0.02	-0.02	-0.16	-1.49	-1.39	-3.01	-3.67	-6.82	-1.89	-1.73	-0.01	0.00	-0.01	0.00
ADK HUDSON___FALLS	20.06	17.93	17.25	16.52	16.51	17.95	21.77	24.61	23.75	22.62	22.82	22.42	22.53	23.12	23.95	26.35	31.24	37.69	35.82	34.01	29.64	25.43	23.47	21.28
24011	1.43	1.27	1.24	1.20	1.21	1.33	1.65	1.73	1.90	1.87	1.85	1.66	1.58	1.56	1.71	1.79	1.88	2.40	2.38	2.32	2.40	2.10	1.82	1.50
	0.00	0.00	-0.13	0.00	0.00	0.00	-0.89	-3.21	-1.14	0.00	0.00	0.00	-0.14	-1.05	0.00	-1.90	-6.16	-7.97	-5.43	-4.97	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	20.17	18.01	17.33	16.60	16.59	18.05	21.91	24.73	23.93	22.77	22.97	22.54	22.63	23.25	24.09	26.50	31.43	37.93	36.04	34.24	29.85	25.62	23.64	21.40
23798	1.55	1.35	1.32	1.27	1.29	1.43	1.79	1.85	2.07	2.01	1.99	1.79	1.68	1.68	1.84	1.93	2.04	2.62	2.58	2.54	2.62	2.29	1.99	1.62
	0.00	0.00	-0.13	0.00	0.00	0.00	-0.89	-3.22	-1.15	0.00	0.00	0.00	-0.14	-1.06	0.00	-1.91	-6.18	-7.99	-5.45	-4.99	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	20.06	17.93	17.25	16.52	16.51	17.95	21.77	24.61	23.75	22.62	22.82	22.42	22.53	23.12	23.95	26.35	31.24	37.69	35.82	34.01	29.64	25.43	23.47	21.28
24028	1.43	1.27	1.24	1.20	1.21	1.33	1.65	1.73	1.90	1.87	1.85	1.66	1.58	1.56	1.71	1.79	1.88	2.40	2.38	2.32	2.40	2.10	1.82	1.50
	0.00	0.00	-0.13	0.00	0.00	0.00	-0.89	-3.21	-1.14	0.00	0.00	0.00	-0.14	-1.05	0.00	-1.90	-6.16	-7.97	-5.43	-4.97	0.00	0.00	0.00	0.00
ADK_NYS___DAM	19.65	17.61	16.96	16.25	16.22	17.65	21.30	23.58	22.98	22.10	22.34	22.15	22.32	22.81	23.73	25.72	29.76	35.53	34.21	32.45	28.90	24.76	22.84	20.90
23527	1.02	0.95	0.95	0.92	0.92	1.03	1.21	1.28	1.34	1.35	1.36	1.39	1.39	1.41	1.49	1.52	1.55	1.75	1.79	1.71	1.66	1.42	1.19	1.13
	0.00	0.00	-0.13	0.00	0.00	0.00	-0.85	-2.64	-0.93	0.00	0.00	0.00	-0.11	-0.89	0.00	-1.54	-5.00	-6.46	-4.40	-4.03	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	19.04	17.20	16.58	15.88	15.83	17.18	20.61	22.49	22.09	21.36	21.59	21.40	21.57	21.90	22.89	24.62	28.09	33.54	32.48	30.81	27.89	23.89	22.13	20.21
24190	0.41	0.53	0.57	0.55	0.52	0.57	0.52	0.57	0.60	0.60	0.61	0.64	0.67	0.62	0.64	0.66	0.67	0.76	0.76	0.69	0.65	0.56	0.48	0.44
	0.00	0.00	-0.13	0.00	0.00	0.00	-0.86	-2.26	-0.79	0.00	0.00	0.00	-0.10	-0.78	0.00	-1.30	-4.22	-5.45	-3.71	-3.40	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	18.44	16.48	15.71	15.15	15.14	16.44	19.00	19.43	20.47	20.49	20.70	20.47	20.54	20.20	21.91	22.37	22.83	26.88	27.62	26.34	26.94	23.05	21.42	19.52
355683	-0.19	-0.18	-0.17	-0.18	-0.17	-0.18	-0.23	-0.24	-0.23	-0.27	-0.27	-0.29	-0.27	-0.31	-0.33	-0.29	-0.37	-0.44	-0.39	-0.37	-0.30	-0.28	-0.24	-0.26
	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	19.04	17.20	16.58	15.88	15.83	17.18	20.61	22.49	22.09	21.36	21.59	21.40	21.57	21.90	22.89	24.62	28.09	33.54	32.48	30.81	27.89	23.89	22.13	20.21
23571	0.41	0.53	0.57	0.55	0.52	0.57	0.52	0.57	0.60	0.60	0.61	0.64	0.67	0.62	0.64	0.66	0.67	0.76	0.76	0.69	0.65	0.56	0.48	0.44
	0.00	0.00	-0.13	0.00	0.00	0.00	-0.86	-2.26	-0.79	0.00	0.00	0.00	-0.10	-0.78	0.00	-1.30	-4.22	-5.45	-3.71	-3.40	0.00	0.00	0.00	0.00
ALBANY___2	19.04	17.20	16.58	15.88	15.83	17.18	20.61	22.49	22.09	21.36	21.59	21.40	21.57	21.90	22.89	24.62	28.09	33.54	32.48	30.81	27.89	23.89	22.13	20.21
23572	0.41	0.53	0.57	0.55	0.52	0.57	0.52	0.57	0.60	0.60	0.61	0.64	0.67	0.62	0.64	0.66	0.67	0.76	0.76	0.69	0.65	0.56	0.48	0.44
	0.00	0.00	-0.13	0.00	0.00	0.00	-0.86	-2.26	-0.79	0.00	0.00	0.00	-0.10	-0.78	0.00	-1.30	-4.22	-5.45	-3.71	-3.40	0.00	0.00	0.00	0.00
ALBANY___3	19.04	17.20	16.58	15.88	15.83	17.18	20.61	22.49	22.09	21.36	21.59	21.40	21.57	21.90	22.89	24.62	28.09	33.54	32.48	30.81	27.89	23.89	22.13	20.21
23573	0.41	0.53	0.57	0.55	0.52	0.57	0.52	0.57	0.60	0.60	0.61	0.64	0.67	0.62	0.64	0.66	0.67	0.76	0.76	0.69	0.65	0.56	0.48	0.44
	0.00	0.00	-0.13	0.00	0.00	0.00	-0.86	-2.26	-0.79	0.00	0.00	0.00	-0.10	-0.78	0.00	-1.30	-4.22	-5.45	-3.71	-3.40	0.00	0.00	0.00	0.00

ALBANY___4 23574	19.04 0.41 0.00	17.20 0.53 0.00	16.58 0.57 -0.13	15.88 0.55 0.00	15.83 0.52 0.00	17.18 0.57 0.00	20.61 0.52 -0.86	22.49 0.57 -2.26	22.09 0.60 -0.79	21.36 0.60 0.00	21.59 0.61 0.00	21.40 0.64 0.00	21.57 0.67 -0.10	21.90 0.62 -0.78	22.89 0.64 0.00	24.62 0.66 -1.30	28.09 0.67 -4.22	33.54 0.76 -5.45	32.48 0.76 -3.71	30.81 0.69 -3.40	27.89 0.65 0.00	23.89 0.56 0.00	22.13 0.48 0.00	20.21 0.44 0.00
ALBANY___LFGE 323615	19.21 0.58 0.00	17.31 0.65 0.00	16.69 0.68 -0.13	15.99 0.66 0.00	15.93 0.63 0.00	17.30 0.68 0.00	20.79 0.69 -0.87	22.94 0.75 -2.53	22.40 0.81 -0.89	21.59 0.83 0.00	21.79 0.82 0.00	21.61 0.85 0.00	21.75 0.83 -0.11	22.19 0.82 -0.86	23.11 0.87 0.00	25.02 0.88 -1.47	28.88 0.90 -4.78	34.53 1.04 -6.17	33.26 1.04 -4.20	31.52 0.96 -3.85	28.17 0.93 0.00	24.15 0.82 0.00	22.35 0.69 0.00	20.39 0.61 0.00
ALCOA_PA_115KV_PL-6C 55860	18.57 -0.06 0.00	16.60 -0.07 0.00	15.80 -0.08 0.00	15.25 -0.08 0.00	15.24 -0.06 0.00	16.55 -0.07 0.00	19.11 -0.12 0.00	19.55 -0.12 0.00	20.62 -0.08 0.00	20.61 -0.15 0.00	20.83 -0.15 0.00	20.59 -0.17 0.00	20.64 -0.17 0.00	20.30 -0.21 0.00	22.02 -0.22 0.00	22.48 -0.18 0.00	22.90 -0.30 0.00	26.99 -0.33 0.00	27.74 -0.28 0.00	26.44 -0.27 0.00	27.10 -0.14 0.00	23.19 -0.14 0.00	21.55 -0.11 0.00	19.64 -0.14 0.00
ALCOA_RYNLDS___DRP 24188	18.57 -0.06 0.00	16.60 -0.07 0.00	15.80 -0.08 0.00	15.25 -0.08 0.00	15.24 -0.06 0.00	16.55 -0.07 0.00	19.11 -0.12 0.00	19.55 -0.12 0.00	20.62 -0.08 0.00	20.61 -0.15 0.00	20.83 -0.15 0.00	20.59 -0.17 0.00	20.64 -0.17 0.00	20.30 -0.21 0.00	22.02 -0.22 0.00	22.48 -0.18 0.00	22.90 -0.30 0.00	26.99 -0.33 0.00	27.74 -0.28 0.00	26.44 -0.27 0.00	27.10 -0.14 0.00	23.19 -0.14 0.00	21.55 -0.11 0.00	19.64 -0.14 0.00
ALCOA___DSASP 323711	18.57 -0.06 0.00	16.60 -0.07 0.00	15.80 -0.08 0.00	15.25 -0.08 0.00	15.24 -0.06 0.00	16.55 -0.07 0.00	19.12 -0.11 0.00	19.55 -0.12 0.00	20.62 -0.08 0.00	20.61 -0.14 0.00	20.83 -0.15 0.00	20.59 -0.17 0.00	20.66 -0.14 0.00	20.30 -0.21 0.00	22.02 -0.22 0.00	22.48 -0.18 0.00	22.90 -0.30 0.00	26.99 -0.33 0.00	27.74 -0.28 0.00	26.44 -0.27 0.00	27.10 -0.14 0.00	23.19 -0.14 0.00	21.55 -0.11 0.00	19.64 -0.14 0.00
ALLEGHENY___COGEN 23514	19.00 0.37 0.00	16.95 0.28 0.00	16.12 0.22 -0.02	15.59 0.26 0.00	15.60 0.29 0.00	16.87 0.25 0.00	19.57 0.21 -0.13	19.88 0.00 -0.22	20.49 -0.29 -0.07	20.36 -0.40 0.00	20.54 -0.44 0.00	20.49 -0.27 0.00	20.36 -0.46 -0.01	20.06 -0.53 -0.08	21.69 -0.56 0.00	22.26 -0.52 -0.12	23.27 -0.32 -0.39	27.77 -0.05 -0.51	28.43 0.08 -0.33	27.36 0.35 -0.30	27.75 0.52 0.00	23.80 0.47 0.00	22.48 0.82 0.00	20.19 0.42 0.00
ALTAMONT_115KV_TB 2 55880	19.24 0.61 0.00	17.28 0.62 0.00	16.63 0.62 -0.13	15.93 0.60 0.00	15.89 0.58 0.00	17.25 0.63 0.00	20.80 0.71 -0.86	22.49 0.77 -2.06	22.24 0.83 -0.71	21.59 0.83 0.00	21.82 0.84 0.00	21.61 0.85 0.00	21.77 0.87 -0.09	22.07 0.84 -0.72	23.15 0.91 0.00	24.77 0.93 -1.18	27.99 0.97 -3.81	33.36 1.12 -4.93	32.49 1.12 -3.35	30.82 1.04 -3.07	28.25 1.01 0.00	24.22 0.89 0.00	22.39 0.74 0.00	20.45 0.67 0.00
ALTONA_WT_PWR 323606	18.85 0.22 0.00	16.78 0.12 0.00	15.94 0.06 0.00	15.38 0.05 0.00	15.38 0.08 0.00	16.70 0.08 0.00	19.35 0.12 0.00	19.88 0.22 0.00	20.93 0.23 0.00	20.90 0.15 0.00	21.14 0.17 0.00	20.74 -0.02 0.00	20.85 0.04 0.00	20.57 0.06 0.00	22.40 0.16 0.00	22.89 0.23 0.00	23.36 0.16 0.00	27.62 0.30 0.00	28.41 0.39 0.00	27.08 0.37 0.00	27.87 0.63 0.00	23.82 0.49 0.00	22.17 0.52 0.00	20.11 0.34 0.00
AMERICAN_REF_FUEL 24010	17.70 -0.93 0.00	15.81 -0.85 0.00	14.98 -0.92 -0.02	14.62 -0.70 0.00	14.62 -0.69 0.00	15.65 -0.96 0.00	18.17 -1.17 -0.11	18.58 -1.28 -0.20	19.34 -1.43 -0.07	19.37 -1.39 0.00	19.61 -1.36 0.00	19.45 -1.31 0.00	19.21 -1.60 -0.01	19.00 -1.58 -0.07	20.51 -1.73 0.00	21.00 -1.77 -0.11	21.93 -1.62 -0.35	25.91 -1.86 -0.45	26.21 -2.10 -0.30	25.01 -1.98 -0.27	25.25 -1.99 0.00	21.75 -1.59 0.00	20.70 -0.95 0.00	18.71 -1.07 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	18.57 -0.06 0.00	16.60 -0.07 0.00	15.79 -0.11 -0.02	15.31 -0.02 0.00	15.32 0.02 0.00	16.52 -0.10 0.00	19.05 -0.31 -0.13	19.64 -0.26 -0.23	20.68 -0.10 -0.08	20.76 0.00 0.00	21.06 0.08 0.00	20.78 0.02 0.00	20.57 -0.25 -0.01	20.24 -0.35 -0.08	21.93 -0.31 0.00	22.47 -0.32 -0.13	23.52 -0.09 -0.41	27.84 0.00 -0.53	28.05 -0.31 -0.35	26.79 -0.24 -0.32	26.86 -0.38 0.00	23.17 -0.16 0.00	21.91 0.26 0.00	19.77 0.00 0.00
ARTHUR_KILL_GT_1 23520	19.84 1.21 0.00	17.75 1.08 -0.01	17.04 1.05 -0.11	16.32 1.00 0.00	16.27 0.96 0.00	17.60 0.98 0.00	21.07 1.13 -0.70	22.19 1.32 -1.21	22.50 1.39 -0.41	22.29 1.51 -0.02	22.54 1.55 -0.02	22.35 1.58 -0.02	22.66 1.68 -0.16	23.72 1.72 -1.49	25.52 1.89 -1.39	27.67 1.99 -3.01	28.96 2.09 -3.67	36.62 2.46 -6.84	32.36 2.44 -1.90	30.63 2.19 -1.73	29.29 2.04 -0.01	25.06 1.73 0.00	23.15 1.49 -0.01	21.14 1.36 -0.01
ARTHUR_KILL_2 23512	19.80 1.17 0.00	17.72 1.05 -0.01	17.01 1.02 -0.11	16.30 0.97 0.00	16.24 0.93 0.00	17.57 0.95 0.00	21.03 1.10 -0.70	22.15 1.28 -1.21	22.46 1.34 -0.41	22.25 1.47 -0.02	22.50 1.51 -0.02	22.31 1.54 -0.02	22.61 1.64 -0.16	23.66 1.66 -1.49	25.46 1.82 -1.39	27.60 1.93 -3.01	28.88 2.02 -3.67	36.53 2.38 -6.84	32.27 2.35 -1.90	30.55 2.11 -1.73	29.21 1.96 -0.01	25.01 1.68 0.00	23.11 1.45 -0.01	21.09 1.30 -0.01
ARTHUR_KILL_3 23513	19.67 1.04 0.00	17.61 0.95 0.00	16.92 0.94 -0.11	16.22 0.89 0.00	16.16 0.86 0.00	17.57 0.95 0.00	21.05 1.11 -0.70	22.23 1.36 -1.21	22.57 1.45 -0.41	22.35 1.58 -0.02	22.59 1.59 -0.02	22.39 1.62 -0.02	22.66 1.68 -0.17	23.71 1.68 -1.52	25.50 1.82 -1.44	27.65 1.90 -3.09	28.89 1.97 -3.72	36.52 2.24 -6.96	32.16 2.24 -1.90	30.47 2.03 -1.73	29.12 1.88 -0.01	24.90 1.56 0.00	22.94 1.28 -0.01	20.96 1.19 0.00
ARTHUR_KILL_COGEN 323718	19.84 1.21 0.00	17.75 1.08 -0.01	17.04 1.05 -0.11	16.32 1.00 0.00	16.27 0.96 0.00	17.60 0.98 0.00	21.07 1.13 -0.70	22.19 1.32 -1.21	22.50 1.39 -0.41	22.29 1.51 -0.02	22.54 1.55 -0.02	22.35 1.58 -0.02	22.66 1.68 -0.16	23.72 1.72 -1.49	25.52 1.89 -1.39	27.67 1.99 -3.01	28.96 2.09 -3.67	36.62 2.46 -6.84	32.36 2.44 -1.90	30.63 2.19 -1.73	29.29 2.04 -0.01	25.06 1.73 0.00	23.15 1.49 -0.01	21.14 1.36 -0.01
ASHOKAN____ 23654	19.32 0.69 0.00	17.31 0.65 0.00	16.60 0.60 -0.12	15.91 0.58 0.00	15.86 0.55 0.00	17.20 0.58 0.00	20.31 0.31 -0.77	21.58 0.25 -1.67	21.50 0.23 -0.57	21.28 0.52 0.00	21.48 0.50 0.00	21.38 0.62 0.00	21.11 0.23 -0.07	21.31 0.21 -0.60	22.84 0.60 0.00	23.90 0.29 -0.94	26.62 0.37 -3.05	31.69 0.44 -3.94	31.29 0.59 -2.68	29.65 0.48 -2.46	28.08 0.85 0.00	24.22 0.89 0.00	22.30 0.65 0.00	20.48 0.71 0.00

ASTORIA_EAST_ENERGY_CC1 323581	19.86 1.23 -0.01	17.82 1.15 -0.01	17.10 1.11 -0.11	16.39 1.06 -0.01	16.34 1.03 -0.01	17.72 1.10 0.00	21.14 1.21 -0.70	22.23 1.36 -1.21	22.52 1.41 -0.41	22.38 1.62 -0.01	22.56 1.57 -0.01	22.40 1.64 -0.01	22.73 1.77 -0.15	23.75 1.76 -1.48	25.54 1.91 -1.39	27.66 1.99 -3.00	28.92 2.06 -3.66	32.53 2.43 -2.78	32.22 2.32 -1.88	30.44 2.00 -1.72	29.12 1.88 -0.01	25.04 1.70 0.00	23.14 1.47 -0.01	21.17 1.38 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	19.86 1.23 -0.01	17.82 1.15 -0.01	17.10 1.11 -0.11	16.39 1.06 -0.01	16.34 1.03 -0.01	17.72 1.10 0.00	21.14 1.21 -0.70	22.23 1.36 -1.21	22.52 1.41 -0.41	22.38 1.62 -0.01	22.56 1.57 -0.01	22.40 1.64 -0.01	22.73 1.77 -0.15	23.75 1.76 -1.48	25.54 1.91 -1.39	27.66 1.99 -3.00	28.92 2.06 -3.66	32.53 2.43 -2.78	32.22 2.32 -1.88	30.44 2.00 -1.72	29.12 1.88 -0.01	25.04 1.70 0.00	23.14 1.47 -0.01	21.17 1.38 -0.01
ASTORIA_GT2_1 24094	19.86 1.23 0.00	17.82 1.15 -0.01	17.12 1.13 -0.11	16.39 1.06 -0.01	16.35 1.04 -0.01	17.72 1.10 0.00	21.16 1.23 -0.70	22.27 1.40 -1.21	22.54 1.43 -0.41	22.37 1.60 -0.02	22.57 1.57 -0.02	22.41 1.64 -0.02	22.73 1.77 -0.15	23.77 1.78 -1.48	25.56 1.93 -1.39	27.68 2.02 -3.00	28.95 2.09 -3.66	32.53 2.43 -2.78	32.23 2.33 -1.89	30.47 2.03 -1.73	29.15 1.91 -0.01	25.06 1.73 0.00	23.16 1.49 -0.01	21.19 1.40 -0.01
ASTORIA_GT2_2 24095	19.86 1.23 0.00	17.82 1.15 -0.01	17.12 1.13 -0.11	16.39 1.06 -0.01	16.35 1.04 -0.01	17.72 1.10 0.00	21.16 1.23 -0.70	22.27 1.40 -1.21	22.54 1.43 -0.41	22.37 1.60 -0.02	22.57 1.57 -0.02	22.41 1.64 -0.02	22.73 1.77 -0.15	23.77 1.78 -1.48	25.56 1.93 -1.39	27.68 2.02 -3.00	28.95 2.09 -3.66	32.53 2.43 -2.78	32.23 2.33 -1.89	30.47 2.03 -1.73	29.15 1.91 -0.01	25.06 1.73 0.00	23.16 1.49 -0.01	21.19 1.40 -0.01
ASTORIA_GT2_3 24096	19.86 1.23 0.00	17.82 1.15 -0.01	17.12 1.13 -0.11	16.39 1.06 -0.01	16.35 1.04 -0.01	17.72 1.10 0.00	21.16 1.23 -0.70	22.27 1.40 -1.21	22.54 1.43 -0.41	22.37 1.60 -0.02	22.57 1.57 -0.02	22.41 1.64 -0.02	22.73 1.77 -0.15	23.77 1.78 -1.48	25.56 1.93 -1.39	27.68 2.02 -3.00	28.95 2.09 -3.66	32.53 2.43 -2.78	32.23 2.33 -1.89	30.47 2.03 -1.73	29.15 1.91 -0.01	25.06 1.73 0.00	23.16 1.49 -0.01	21.19 1.40 -0.01
ASTORIA_GT2_4 24097	19.86 1.23 0.00	17.82 1.15 -0.01	17.12 1.13 -0.11	16.39 1.06 -0.01	16.35 1.04 -0.01	17.72 1.10 0.00	21.16 1.23 -0.70	22.27 1.40 -1.21	22.54 1.43 -0.41	22.37 1.60 -0.02	22.57 1.57 -0.02	22.41 1.64 -0.02	22.73 1.77 -0.15	23.77 1.78 -1.48	25.56 1.93 -1.39	27.68 2.02 -3.00	28.95 2.09 -3.66	32.53 2.43 -2.78	32.23 2.33 -1.89	30.47 2.03 -1.73	29.15 1.91 -0.01	25.06 1.73 0.00	23.16 1.49 -0.01	21.19 1.40 -0.01
ASTORIA_GT3_1 24098	19.86 1.23 0.00	17.82 1.15 -0.01	17.12 1.13 -0.11	16.39 1.06 -0.01	16.35 1.04 -0.01	17.72 1.10 0.00	21.16 1.23 -0.70	22.27 1.40 -1.21	22.54 1.43 -0.41	22.37 1.60 -0.02	22.57 1.57 -0.02	22.41 1.64 -0.02	22.73 1.77 -0.15	23.77 1.78 -1.48	25.56 1.93 -1.39	27.68 2.02 -3.00	28.95 2.09 -3.66	32.53 2.43 -2.78	32.23 2.33 -1.89	30.47 2.03 -1.73	29.15 1.91 -0.01	25.06 1.73 0.00	23.16 1.49 -0.01	21.19 1.40 -0.01
ASTORIA_GT3_2 24099	19.86 1.23 0.00	17.82 1.15 -0.01	17.12 1.13 -0.11	16.39 1.06 -0.01	16.35 1.04 -0.01	17.72 1.10 0.00	21.16 1.23 -0.70	22.27 1.40 -1.21	22.54 1.43 -0.41	22.37 1.60 -0.02	22.57 1.57 -0.02	22.41 1.64 -0.02	22.73 1.77 -0.15	23.77 1.78 -1.48	25.56 1.93 -1.39	27.68 2.02 -3.00	28.95 2.09 -3.66	32.53 2.43 -2.78	32.23 2.33 -1.89	30.47 2.03 -1.73	29.15 1.91 -0.01	25.06 1.73 0.00	23.16 1.49 -0.01	21.19 1.40 -0.01
ASTORIA_GT3_3 24100	19.86 1.23 0.00	17.82 1.15 -0.01	17.12 1.13 -0.11	16.39 1.06 -0.01	16.35 1.04 -0.01	17.72 1.10 0.00	21.16 1.23 -0.70	22.27 1.40 -1.21	22.54 1.43 -0.41	22.37 1.60 -0.02	22.57 1.57 -0.02	22.41 1.64 -0.02	22.73 1.77 -0.15	23.77 1.78 -1.48	25.56 1.93 -1.39	27.68 2.02 -3.00	28.95 2.09 -3.66	32.53 2.43 -2.78	32.23 2.33 -1.89	30.47 2.03 -1.73	29.15 1.91 -0.01	25.06 1.73 0.00	23.16 1.49 -0.01	21.19 1.40 -0.01
ASTORIA_GT3_4 24101	19.86 1.23 0.00	17.82 1.15 -0.01	17.12 1.13 -0.11	16.39 1.06 -0.01	16.35 1.04 -0.01	17.72 1.10 0.00	21.16 1.23 -0.70	22.27 1.40 -1.21	22.54 1.43 -0.41	22.37 1.60 -0.02	22.57 1.57 -0.02	22.41 1.64 -0.02	22.73 1.77 -0.15	23.77 1.78 -1.48	25.56 1.93 -1.39	27.68 2.02 -3.00	28.95 2.09 -3.66	32.53 2.43 -2.78	32.23 2.33 -1.89	30.47 2.03 -1.73	29.15 1.91 -0.01	25.06 1.73 0.00	23.16 1.49 -0.01	21.19 1.40 -0.01
ASTORIA_GT4_1 24102	19.86 1.23 0.00	17.82 1.15 -0.01	17.12 1.13 -0.11	16.39 1.06 -0.01	16.35 1.04 -0.01	17.72 1.10 0.00	21.16 1.23 -0.70	22.27 1.40 -1.21	22.54 1.43 -0.41	22.37 1.60 -0.02	22.57 1.57 -0.02	22.41 1.64 -0.02	22.73 1.77 -0.15	23.77 1.78 -1.48	25.56 1.93 -1.39	27.68 2.02 -3.00	28.95 2.09 -3.66	32.53 2.43 -2.78	32.23 2.33 -1.89	30.47 2.03 -1.73	29.15 1.91 -0.01	25.06 1.73 0.00	23.16 1.49 -0.01	21.19 1.40 -0.01
ASTORIA_GT4_2 24103	19.86 1.23 0.00	17.82 1.15 -0.01	17.12 1.13 -0.11	16.39 1.06 -0.01	16.35 1.04 -0.01	17.72 1.10 0.00	21.16 1.23 -0.70	22.27 1.40 -1.21	22.54 1.43 -0.41	22.37 1.60 -0.02	22.57 1.57 -0.02	22.41 1.64 -0.02	22.73 1.77 -0.15	23.77 1.78 -1.48	25.56 1.93 -1.39	27.68 2.02 -3.00	28.95 2.09 -3.66	32.53 2.43 -2.78	32.23 2.33 -1.89	30.47 2.03 -1.73	29.15 1.91 -0.01	25.06 1.73 0.00	23.16 1.49 -0.01	21.19 1.40 -0.01
ASTORIA_GT4_3 24104	19.86 1.23 0.00	17.82 1.15 -0.01	17.12 1.13 -0.11	16.39 1.06 -0.01	16.35 1.04 -0.01	17.72 1.10 0.00	21.16 1.23 -0.70	22.27 1.40 -1.21	22.54 1.43 -0.41	22.37 1.60 -0.02	22.57 1.57 -0.02	22.41 1.64 -0.02	22.73 1.77 -0.15	23.77 1.78 -1.48	25.56 1.93 -1.39	27.68 2.02 -3.00	28.95 2.09 -3.66	32.53 2.43 -2.78	32.23 2.33 -1.89	30.47 2.03 -1.73	29.15 1.91 -0.01	25.06 1.73 0.00	23.16 1.49 -0.01	21.19 1.40 -0.01
ASTORIA_GT4_4 24105	19.86 1.23 0.00	17.82 1.15 -0.01	17.12 1.13 -0.11	16.39 1.06 -0.01	16.35 1.04 -0.01	17.72 1.10 0.00	21.16 1.23 -0.70	22.27 1.40 -1.21	22.54 1.43 -0.41	22.37 1.60 -0.02	22.57 1.57 -0.02	22.41 1.64 -0.02	22.73 1.77 -0.15	23.77 1.78 -1.48	25.56 1.93 -1.39	27.68 2.02 -3.00	28.95 2.09 -3.66	32.53 2.43 -2.78	32.23 2.33 -1.89	30.47 2.03 -1.73	29.15 1.91 -0.01	25.06 1.73 0.00	23.16 1.49 -0.01	21.19 1.40 -0.01
ASTORIA_GT_1 23523	19.90 1.27 -0.01	17.85 1.18 -0.01	17.14 1.14 -0.11	16.41 1.07 -0.01	16.37 1.06 -0.01	17.75 1.13 0.00	21.18 1.25 -0.70	22.27 1.40 -1.21	22.56 1.45 -0.41	22.42 1.66 -0.01	22.60 1.62 -0.01	22.44 1.68 -0.01	22.77 1.81 -0.15	23.81 1.82 -1.48	25.61 1.98 -1.39	27.73 2.06 -3.00	28.99 2.13 -3.66	32.58 2.49 -2.78	32.28 2.38 -1.88	30.52 2.08 -1.72	29.21 1.96 -0.01	25.11 1.77 0.00	23.18 1.52 -0.01	21.21 1.42 -0.01

ASTORIA_GT_10 24110	19.80 1.17 0.00	17.74 1.07 -0.01	17.04 1.05 -0.11	16.33 1.00 0.00	16.27 0.96 0.00	17.65 1.03 0.00	21.14 1.21 -0.70	22.29 1.42 -1.21	22.63 1.51 -0.41	22.35 1.58 -0.02	22.63 1.64 -0.02	22.43 1.66 -0.02	22.72 1.75 -0.16	23.74 1.74 -1.49	25.53 1.89 -1.39	27.65 1.97 -3.01	28.93 2.06 -3.67	36.52 2.38 -6.82	32.23 2.33 -1.89	30.55 2.11 -1.73	29.23 1.99 -0.01	25.04 1.70 0.00	23.11 1.45 -0.01	21.11 1.32 -0.01
ASTORIA_GT_11 24225	19.80 1.17 0.00	17.74 1.07 -0.01	17.04 1.05 -0.11	16.33 1.00 0.00	16.27 0.96 0.00	17.65 1.03 0.00	21.14 1.21 -0.70	22.29 1.42 -1.21	22.63 1.51 -0.41	22.35 1.58 -0.02	22.63 1.64 -0.02	22.43 1.66 -0.02	22.72 1.75 -0.16	23.74 1.74 -1.49	25.53 1.89 -1.39	27.65 1.97 -3.01	28.93 2.06 -3.67	36.52 2.38 -6.82	32.23 2.33 -1.89	30.55 2.11 -1.73	29.23 1.99 -0.01	25.04 1.70 0.00	23.11 1.45 -0.01	21.11 1.32 -0.01
ASTORIA_GT_12 24226	19.80 1.17 0.00	17.74 1.07 -0.01	17.04 1.05 -0.11	16.31 0.98 0.00	16.27 0.96 0.00	17.65 1.03 0.00	21.14 1.21 -0.70	22.27 1.40 -1.21	22.61 1.49 -0.41	22.37 1.60 -0.02	22.63 1.64 -0.02	22.43 1.66 -0.02	22.72 1.75 -0.16	23.74 1.74 -1.49	25.52 1.89 -1.39	27.65 1.97 -3.01	28.93 2.06 -3.67	36.54 2.40 -6.82	32.23 2.32 -1.89	30.55 2.11 -1.73	29.23 1.99 -0.01	25.04 1.70 0.00	23.11 1.45 -0.01	21.11 1.32 -0.01
ASTORIA_GT_13 24227	19.80 1.17 0.00	17.74 1.07 -0.01	17.04 1.05 -0.11	16.31 0.98 0.00	16.27 0.96 0.00	17.65 1.03 0.00	21.14 1.21 -0.70	22.27 1.40 -1.21	22.61 1.49 -0.41	22.37 1.60 -0.02	22.63 1.64 -0.02	22.43 1.66 -0.02	22.72 1.75 -0.16	23.74 1.74 -1.49	25.52 1.89 -1.39	27.65 1.97 -3.01	28.93 2.06 -3.67	36.54 2.40 -6.82	32.23 2.32 -1.89	30.55 2.11 -1.73	29.23 1.99 -0.01	25.04 1.70 0.00	23.11 1.45 -0.01	21.11 1.32 -0.01
ASTORIA_GT_5 24106	19.90 1.27 -0.01	17.85 1.18 -0.01	17.14 1.14 -0.11	16.41 1.07 -0.01	16.37 1.06 -0.01	17.75 1.13 0.00	21.18 1.25 -0.70	22.27 1.40 -1.21	22.56 1.45 -0.41	22.42 1.66 -0.01	22.60 1.62 -0.01	22.44 1.68 -0.01	22.77 1.81 -0.15	23.81 1.82 -1.48	25.61 1.98 -1.39	27.73 2.06 -3.00	28.99 2.13 -3.66	32.58 2.49 -2.78	32.28 2.38 -1.88	30.52 2.08 -1.72	29.21 1.96 -0.01	25.11 1.77 0.00	23.18 1.52 -0.01	21.21 1.42 -0.01
ASTORIA_GT_7 24107	19.90 1.27 -0.01	17.85 1.18 -0.01	17.14 1.14 -0.11	16.41 1.07 -0.01	16.37 1.06 -0.01	17.75 1.13 0.00	21.18 1.25 -0.70	22.27 1.40 -1.21	22.56 1.45 -0.41	22.42 1.66 -0.01	22.60 1.62 -0.01	22.44 1.68 -0.01	22.77 1.81 -0.15	23.81 1.82 -1.48	25.61 1.98 -1.39	27.73 2.06 -3.00	28.99 2.13 -3.66	32.58 2.49 -2.78	32.28 2.38 -1.88	30.52 2.08 -1.72	29.21 1.96 -0.01	25.11 1.77 0.00	23.18 1.52 -0.01	21.21 1.42 -0.01
ASTORIA_GT_8 24108	19.89 1.27 0.00	17.85 1.18 -0.01	17.14 1.14 -0.11	16.41 1.07 -0.01	16.37 1.06 -0.01	17.75 1.13 0.00	21.18 1.25 -0.70	22.29 1.42 -1.21	22.59 1.47 -0.41	22.41 1.64 -0.02	22.61 1.62 -0.02	22.45 1.68 -0.02	22.77 1.81 -0.15	23.81 1.83 -1.48	25.61 1.98 -1.39	27.73 2.06 -3.00	28.99 2.13 -3.66	32.58 2.49 -2.78	32.29 2.38 -1.89	30.53 2.08 -1.73	29.21 1.96 -0.01	25.11 1.77 0.00	23.18 1.52 -0.01	21.21 1.42 -0.01
ASTORIA___2 24149	19.86 1.23 -0.01	17.82 1.15 -0.01	17.12 1.13 -0.11	16.39 1.06 -0.01	16.35 1.04 -0.01	17.72 1.10 0.00	21.16 1.23 -0.70	22.23 1.36 -1.21	22.52 1.41 -0.41	22.38 1.62 -0.01	22.56 1.57 -0.01	22.40 1.64 -0.01	22.73 1.77 -0.15	23.77 1.78 -1.48	25.56 1.93 -1.39	27.68 2.02 -3.00	28.95 2.09 -3.66	32.53 2.43 -2.78	32.22 2.32 -1.88	30.46 2.03 -1.72	29.15 1.91 -0.01	25.06 1.73 0.00	23.15 1.49 -0.01	21.19 1.40 -0.01
ASTORIA___3 23516	19.80 1.17 0.00	17.74 1.07 -0.01	17.04 1.05 -0.11	16.31 0.98 0.00	16.27 0.96 0.00	17.65 1.03 0.00	21.14 1.21 -0.70	22.27 1.40 -1.21	22.61 1.49 -0.41	22.37 1.60 -0.02	22.63 1.64 -0.02	22.43 1.66 -0.02	22.72 1.75 -0.16	23.74 1.74 -1.49	25.52 1.89 -1.39	27.65 1.97 -3.01	28.93 2.06 -3.67	36.54 2.40 -6.82	32.23 2.32 -1.89	30.55 2.11 -1.73	29.23 1.99 -0.01	25.04 1.70 0.00	23.11 1.45 -0.01	21.11 1.32 -0.01
ASTORIA___4 23517	19.80 1.17 0.00	17.74 1.07 -0.01	17.04 1.05 -0.11	16.33 1.00 0.00	16.27 0.96 0.00	17.65 1.03 0.00	21.14 1.21 -0.70	22.29 1.42 -1.21	22.63 1.51 -0.41	22.35 1.58 -0.02	22.63 1.64 -0.02	22.43 1.66 -0.02	22.72 1.75 -0.16	23.74 1.74 -1.49	25.53 1.89 -1.39	27.65 1.97 -3.01	28.93 2.06 -3.67	36.52 2.38 -6.82	32.23 2.33 -1.89	30.55 2.11 -1.73	29.23 1.99 -0.01	25.04 1.70 0.00	23.11 1.45 -0.01	21.11 1.32 -0.01
ASTORIA___5 23518	19.80 1.17 0.00	17.74 1.07 -0.01	17.04 1.05 -0.11	16.31 0.98 0.00	16.27 0.96 0.00	17.65 1.03 0.00	21.14 1.21 -0.70	22.27 1.40 -1.21	22.61 1.49 -0.41	22.37 1.60 -0.02	22.63 1.64 -0.02	22.43 1.66 -0.02	22.72 1.75 -0.16	23.74 1.74 -1.49	25.52 1.89 -1.39	27.65 1.97 -3.01	28.93 2.06 -3.67	36.54 2.40 -6.82	32.23 2.32 -1.89	30.55 2.11 -1.73	29.23 1.99 -0.01	25.04 1.70 0.00	23.11 1.45 -0.01	21.11 1.32 -0.01
AST_ENERGY_2_CC3 323677	19.71 1.08 0.00	17.65 0.98 0.00	16.95 0.97 -0.11	16.23 0.90 0.00	16.19 0.89 0.00	17.58 0.96 0.00	21.08 1.15 -0.70	22.25 1.38 -1.21	22.59 1.47 -0.41	22.33 1.56 -0.02	22.59 1.59 -0.02	22.39 1.62 -0.02	22.66 1.68 -0.17	23.69 1.66 -1.52	25.48 1.80 -1.44	27.63 1.88 -3.09	28.87 1.95 -3.72	32.47 2.24 -2.92	32.12 2.21 -1.89	30.47 2.03 -1.73	29.15 1.91 -0.01	24.92 1.59 0.00	22.98 1.32 -0.01	20.98 1.21 0.00
AST_ENERGY_2_CC4 323678	19.71 1.08 0.00	17.65 0.98 0.00	16.95 0.97 -0.11	16.23 0.90 0.00	16.19 0.89 0.00	17.58 0.96 0.00	21.08 1.15 -0.70	22.25 1.38 -1.21	22.59 1.47 -0.41	22.33 1.56 -0.02	22.59 1.59 -0.02	22.39 1.62 -0.02	22.66 1.68 -0.17	23.69 1.66 -1.52	25.48 1.80 -1.44	27.63 1.88 -3.09	28.87 1.95 -3.72	32.47 2.24 -2.92	32.12 2.21 -1.89	30.47 2.03 -1.73	29.15 1.91 -0.01	24.92 1.59 0.00	22.98 1.32 -0.01	20.98 1.21 0.00
ATHENS_STG_1 23668	19.34 0.71 0.00	17.31 0.65 0.00	16.65 0.65 -0.12	15.94 0.61 0.00	15.90 0.60 0.00	17.28 0.67 0.00	20.79 0.79 -0.77	21.81 0.89 -1.26	22.07 0.95 -0.41	21.75 1.00 0.00	21.98 1.01 0.00	21.77 1.02 0.00	21.92 1.06 -0.05	22.06 1.07 -0.48	23.37 1.13 0.00	24.52 1.18 -0.68	26.64 1.23 -2.21	31.57 1.39 -2.86	31.33 1.37 -1.94	29.77 1.28 -1.78	28.44 1.20 0.00	24.36 1.03 0.00	22.50 0.84 0.00	20.54 0.77 0.00
ATHENS_STG_2 23670	19.34 0.71 0.00	17.31 0.65 0.00	16.65 0.65 -0.12	15.94 0.61 0.00	15.90 0.60 0.00	17.28 0.67 0.00	20.79 0.79 -0.77	21.81 0.89 -1.26	22.07 0.95 -0.41	21.75 1.00 0.00	21.98 1.01 0.00	21.77 1.02 0.00	21.92 1.06 -0.05	22.06 1.07 -0.48	23.37 1.13 0.00	24.52 1.18 -0.68	26.64 1.23 -2.21	31.57 1.39 -2.86	31.33 1.37 -1.94	29.77 1.28 -1.78	28.44 1.20 0.00	24.36 1.03 0.00	22.50 0.84 0.00	20.54 0.77 0.00

ATHENS_STG_3 23677	19.34 0.71 0.00	17.31 0.65 0.00	16.65 0.65 -0.12	15.94 0.61 0.00	15.90 0.60 0.00	17.28 0.67 0.00	20.79 0.79 -0.77	21.81 0.89 -1.26	22.07 0.95 -0.41	21.75 1.00 0.00	21.98 1.01 0.00	21.77 1.02 0.00	21.92 1.06 -0.05	22.06 1.07 -0.48	23.37 1.13 0.00	24.52 1.18 -0.68	26.64 1.23 -2.21	31.57 1.39 -2.86	31.33 1.37 -1.94	29.77 1.28 -1.78	28.44 1.20 0.00	24.36 1.03 0.00	22.50 0.84 0.00	20.54 0.77 0.00
AUBURN____LFGE 323710	18.74 0.11 0.00	16.75 0.08 0.00	15.93 0.03 -0.01	15.39 0.06 0.00	15.38 0.08 0.00	16.69 0.07 0.00	19.81 0.48 -0.10	20.46 0.63 -0.17	21.40 0.64 -0.05	21.36 0.60 0.00	21.59 0.61 0.00	21.03 0.27 0.00	21.11 0.29 -0.01	20.88 0.31 -0.06	22.91 0.67 0.00	23.43 0.68 -0.09	24.21 0.72 -0.29	28.60 0.90 -0.38	28.53 0.28 -0.24	27.25 0.32 -0.22	27.59 0.35 0.00	23.59 0.26 0.00	22.00 0.35 0.00	19.97 0.20 0.00
BABYLON_RES_REC 323704	29.64 1.42 -9.60	24.38 1.28 -6.43	22.05 1.25 -4.92	21.48 1.20 -4.95	21.84 1.18 -5.35	25.43 1.28 -7.53	28.66 1.54 -7.89	23.73 1.87 -2.19	24.16 1.97 -1.49	23.40 2.08 -0.57	26.02 2.03 -3.01	27.32 1.91 -4.66	27.91 1.96 -5.14	28.21 2.05 -5.65	32.39 2.02 -8.13	35.98 2.11 -11.20	40.22 2.16 -14.86	49.70 2.46 -19.92	51.91 2.49 -21.40	39.15 2.35 -10.09	37.56 2.26 -8.06	37.15 1.91 -11.90	27.99 1.86 -4.47	25.99 1.54 -4.67
BABYLON__69_KV_BK2 356345	29.83 1.60 -9.60	24.55 1.45 -6.43	22.21 1.41 -4.92	21.63 1.35 -4.95	21.98 1.32 -5.35	25.58 1.43 -7.53	28.85 1.73 -7.89	23.92 2.06 -2.19	24.36 2.17 -1.48	23.45 2.12 -0.57	26.23 2.24 -3.01	27.55 2.14 -4.66	28.28 2.33 -5.14	28.43 2.28 -5.65	32.79 2.42 -8.13	36.41 2.54 -11.20	40.73 2.67 -14.86	50.33 3.09 -19.92	52.53 3.11 -21.40	39.68 2.88 -10.09	38.08 2.78 -8.06	37.57 2.33 -11.90	28.23 2.10 -4.47	26.19 1.74 -4.67
BARON_WINDS____WT_PWR 323822	18.55 -0.07 0.00	16.56 -0.10 0.00	15.78 -0.13 -0.02	15.27 -0.06 0.00	15.24 -0.06 0.00	16.47 -0.15 0.00	19.12 -0.27 -0.16	19.68 -0.28 -0.29	20.55 -0.25 -0.10	20.55 -0.21 0.00	20.77 -0.21 0.00	20.55 -0.21 0.00	20.47 -0.35 -0.01	20.22 -0.39 -0.11	21.88 -0.36 0.00	22.46 -0.36 -0.16	23.48 -0.23 -0.51	27.82 -0.16 -0.66	28.11 -0.33 -0.43	26.87 -0.24 -0.40	26.94 -0.30 0.00	23.12 -0.21 0.00	21.74 0.09 0.00	19.71 -0.06 0.00
BARRETT_IC_1 23704	29.48 1.25 -9.60	24.28 1.18 -6.43	21.94 1.14 -4.92	21.37 1.09 -4.95	21.73 1.07 -5.35	25.31 1.16 -7.53	28.48 1.37 -7.89	23.31 1.46 -2.19	23.74 1.55 -1.49	22.99 1.66 -0.57	25.58 1.59 -3.01	27.00 1.60 -4.65	27.57 1.62 -5.13	27.81 1.66 -5.64	32.14 1.78 -8.12	35.74 1.88 -11.20	40.03 1.97 -14.85	49.50 2.27 -19.92	51.65 2.24 -21.39	38.88 2.08 -10.08	37.25 1.96 -8.05	36.81 1.59 -11.89	27.69 1.56 -4.47	25.91 1.46 -4.67
BARRETT_IC_10 23701	29.48 1.25 -9.60	24.28 1.18 -6.43	21.94 1.14 -4.92	21.37 1.09 -4.95	21.73 1.07 -5.35	25.31 1.16 -7.53	28.48 1.37 -7.89	23.31 1.46 -2.19	23.74 1.55 -1.49	22.99 1.66 -0.57	25.58 1.59 -3.01	27.00 1.60 -4.65	27.57 1.62 -5.13	27.81 1.66 -5.64	32.14 1.78 -8.12	35.74 1.88 -11.20	40.03 1.97 -14.85	49.50 2.27 -19.92	51.65 2.24 -21.39	38.88 2.08 -10.08	37.25 1.96 -8.05	36.81 1.59 -11.89	27.69 1.56 -4.47	25.91 1.46 -4.67
BARRETT_IC_11 23702	29.48 1.25 -9.60	24.28 1.18 -6.43	21.94 1.14 -4.92	21.37 1.09 -4.95	21.73 1.07 -5.35	25.31 1.16 -7.53	28.48 1.37 -7.89	23.31 1.46 -2.19	23.74 1.55 -1.49	22.99 1.66 -0.57	25.58 1.59 -3.01	27.00 1.60 -4.65	27.57 1.62 -5.13	27.81 1.66 -5.64	32.14 1.78 -8.12	35.74 1.88 -11.20	40.03 1.97 -14.85	49.50 2.27 -19.92	51.65 2.24 -21.39	38.88 2.08 -10.08	37.25 1.96 -8.05	36.81 1.59 -11.89	27.69 1.56 -4.47	25.91 1.46 -4.67
BARRETT_IC_12 23703	29.48 1.25 -9.60	24.28 1.18 -6.43	21.94 1.14 -4.92	21.37 1.09 -4.95	21.73 1.07 -5.35	25.31 1.16 -7.53	28.48 1.37 -7.89	23.31 1.46 -2.19	23.74 1.55 -1.49	22.99 1.66 -0.57	25.58 1.59 -3.01	27.00 1.60 -4.65	27.57 1.62 -5.13	27.81 1.66 -5.64	32.14 1.78 -8.12	35.74 1.88 -11.20	40.03 1.97 -14.85	49.50 2.27 -19.92	51.65 2.24 -21.39	38.88 2.08 -10.08	37.25 1.96 -8.05	36.81 1.59 -11.89	27.69 1.56 -4.47	25.91 1.46 -4.67
BARRETT_IC_2 23705	29.48 1.25 -9.60	24.28 1.18 -6.43	21.94 1.14 -4.92	21.37 1.09 -4.95	21.73 1.07 -5.35	25.31 1.16 -7.53	28.48 1.37 -7.89	23.31 1.46 -2.19	23.74 1.55 -1.49	22.99 1.66 -0.57	25.58 1.59 -3.01	27.00 1.60 -4.65	27.57 1.62 -5.13	27.81 1.66 -5.64	32.14 1.78 -8.12	35.74 1.88 -11.20	40.03 1.97 -14.85	49.50 2.27 -19.92	51.65 2.24 -21.39	38.88 2.08 -10.08	37.25 1.96 -8.05	36.81 1.59 -11.89	27.69 1.56 -4.47	25.91 1.46 -4.67
BARRETT_IC_3 23706	29.48 1.25 -9.60	24.28 1.18 -6.43	21.94 1.14 -4.92	21.37 1.09 -4.95	21.73 1.07 -5.35	25.31 1.16 -7.53	28.48 1.37 -7.89	23.31 1.46 -2.19	23.74 1.55 -1.49	22.99 1.66 -0.57	25.58 1.59 -3.01	27.00 1.60 -4.65	27.57 1.62 -5.13	27.81 1.66 -5.64	32.14 1.78 -8.12	35.74 1.88 -11.20	40.03 1.97 -14.85	49.50 2.27 -19.92	51.65 2.24 -21.39	38.88 2.08 -10.08	37.25 1.96 -8.05	36.81 1.59 -11.89	27.69 1.56 -4.47	25.91 1.46 -4.67
BARRETT_IC_4 23707	29.48 1.25 -9.60	24.28 1.18 -6.43	21.94 1.14 -4.92	21.37 1.09 -4.95	21.73 1.07 -5.35	25.31 1.16 -7.53	28.48 1.37 -7.89	23.31 1.46 -2.19	23.74 1.55 -1.49	22.99 1.66 -0.57	25.58 1.59 -3.01	27.00 1.60 -4.65	27.57 1.62 -5.13	27.81 1.66 -5.64	32.14 1.78 -8.12	35.74 1.88 -11.20	40.03 1.97 -14.85	49.50 2.27 -19.92	51.65 2.24 -21.39	38.88 2.08 -10.08	37.25 1.96 -8.05	36.81 1.59 -11.89	27.69 1.56 -4.47	25.91 1.46 -4.67
BARRETT_IC_5 23708	29.48 1.25 -9.60	24.28 1.18 -6.43	21.94 1.14 -4.92	21.37 1.09 -4.95	21.73 1.07 -5.35	25.31 1.16 -7.53	28.48 1.37 -7.89	23.31 1.46 -2.19	23.74 1.55 -1.49	22.99 1.66 -0.57	25.58 1.59 -3.01	27.00 1.60 -4.65	27.57 1.62 -5.13	27.81 1.66 -5.64	32.14 1.78 -8.12	35.74 1.88 -11.20	40.03 1.97 -14.85	49.50 2.27 -19.92	51.65 2.24 -21.39	38.88 2.08 -10.08	37.25 1.96 -8.05	36.81 1.59 -11.89	27.69 1.56 -4.47	25.91 1.46 -4.67
BARRETT_IC_6 23709	29.48 1.25 -9.60	24.28 1.18 -6.43	21.94 1.14 -4.92	21.37 1.09 -4.95	21.73 1.07 -5.35	25.31 1.16 -7.53	28.48 1.37 -7.89	23.31 1.46 -2.19	23.74 1.55 -1.49	22.99 1.66 -0.57	25.58 1.59 -3.01	27.00 1.60 -4.65	27.57 1.62 -5.13	27.81 1.66 -5.64	32.14 1.78 -8.12	35.74 1.88 -11.20	40.03 1.97 -14.85	49.50 2.27 -19.92	51.65 2.24 -21.40	38.88 2.08 -10.09	37.23 1.93 -8.06	36.82 1.59 -11.90	27.69 1.56 -4.47	25.91 1.46 -4.67
BARRETT_IC_7 23710	29.48 1.25 -9.60	24.28 1.18 -6.43	21.94 1.14 -4.92	21.37 1.09 -4.95	21.73 1.07 -5.35	25.31 1.16 -7.53	28.48 1.37 -7.89	23.31 1.46 -2.19	23.76 1.57 -1.48	22.91 1.58 -0.57	25.58 1.59 -3.01	27.01 1.60 -4.66	27.64 1.69 -5.14	27.82 1.66 -5.65	32.15 1.78 -8.13	35.75 1.88 -11.20	40.04 1.97 -14.86	49.48 2.24 -19.92	51.66 2.24 -21.40	38.88 2.08 -10.09	37.23 1.93 -8.06	36.82 1.59 -11.90	27.69 1.56 -4.47	25.91 1.46 -4.67

BARRETT_IC_8 23711	29.48 1.25 -9.60	24.28 1.18 -6.43	21.94 1.14 -4.92	21.37 1.09 -4.95	21.73 1.07 -5.35	25.31 1.16 -7.53	28.48 1.37 -7.89	23.31 1.46 -2.19	23.74 1.55 -1.49	22.99 1.66 -0.57	25.58 1.59 -3.01	27.00 1.60 -4.65	27.57 1.62 -5.13	27.81 1.66 -5.64	32.14 1.78 -8.12	35.74 1.88 -11.20	40.03 1.97 -14.85	49.50 2.27 -19.92	51.65 2.24 -21.39	38.88 2.08 -10.08	37.25 1.96 -8.05	36.81 1.59 -11.89	27.69 1.56 -4.47	25.91 1.46 -4.67
BARRETT_IC_9 23700	29.48 1.25 -9.60	24.28 1.18 -6.43	21.94 1.14 -4.92	21.37 1.09 -4.95	21.73 1.07 -5.35	25.31 1.16 -7.53	28.48 1.37 -7.89	23.31 1.46 -2.19	23.74 1.55 -1.49	22.99 1.66 -0.57	25.58 1.59 -3.01	27.00 1.60 -4.65	27.57 1.62 -5.13	27.81 1.66 -5.64	32.14 1.78 -8.12	35.74 1.88 -11.20	40.03 1.97 -14.85	49.50 2.27 -19.92	51.65 2.24 -21.39	38.88 2.08 -10.08	37.25 1.96 -8.05	36.81 1.59 -11.89	27.69 1.56 -4.47	25.91 1.46 -4.67
BARRETT___1 23545	29.48 1.25 -9.60	24.28 1.18 -6.43	21.94 1.14 -4.92	21.37 1.09 -4.95	21.73 1.07 -5.35	25.31 1.16 -7.53	28.48 1.37 -7.89	23.31 1.46 -2.19	23.74 1.55 -1.49	22.99 1.66 -0.57	25.58 1.59 -3.01	27.00 1.60 -4.65	27.57 1.62 -5.13	27.81 1.66 -5.64	32.14 1.78 -8.12	35.74 1.88 -11.20	40.03 1.97 -14.85	49.50 2.27 -19.92	51.65 2.24 -21.39	38.88 2.08 -10.08	37.25 1.96 -8.05	36.81 1.59 -11.89	27.69 1.56 -4.47	25.91 1.46 -4.67
BARRETT___2 23546	29.48 1.25 -9.60	24.28 1.18 -6.43	21.94 1.14 -4.92	21.37 1.09 -4.95	21.73 1.07 -5.35	25.31 1.16 -7.53	28.48 1.37 -7.89	23.31 1.46 -2.19	23.74 1.55 -1.49	22.99 1.66 -0.57	25.58 1.59 -3.01	27.00 1.60 -4.65	27.57 1.62 -5.13	27.81 1.66 -5.64	32.14 1.78 -8.12	35.74 1.88 -11.20	40.03 1.97 -14.85	49.50 2.27 -19.92	51.65 2.24 -21.39	38.88 2.08 -10.08	37.25 1.96 -8.05	36.81 1.59 -11.89	27.69 1.56 -4.47	25.91 1.46 -4.67
BATAVIA___115KV_TB1 55881	18.18 -0.45 0.00	16.21 -0.45 0.00	15.39 -0.51 -0.02	14.98 -0.35 0.00	14.97 -0.34 0.00	16.07 -0.55 0.00	18.63 -0.71 -0.11	19.13 -0.73 -0.19	19.85 -0.91 -0.06	19.97 -0.79 0.00	20.14 -0.84 0.00	20.01 -0.75 0.00	19.71 -1.10 -0.01	19.45 -1.13 -0.07	21.02 -1.22 0.00	21.57 -1.20 -0.10	22.82 -0.70 -0.32	27.05 -0.68 -0.41	27.42 -0.87 -0.27	26.18 -0.77 -0.25	26.53 -0.71 0.00	22.77 -0.56 0.00	21.57 -0.09 0.00	19.44 -0.34 0.00
BAYONEEC___CTG1 323682	19.71 1.08 0.00	17.65 0.98 0.00	16.95 0.97 -0.11	16.25 0.92 0.00	16.19 0.89 0.00	17.60 0.98 0.00	21.10 1.17 -0.70	22.27 1.40 -1.21	22.63 1.51 -0.41	22.37 1.60 -0.02	22.63 1.64 -0.02	22.43 1.66 -0.02	22.70 1.73 -0.17	23.75 1.72 -1.52	25.52 1.84 -1.44	27.68 1.93 -3.09	28.93 2.02 -3.72	36.56 2.30 -6.95	32.20 2.30 -1.89	30.55 2.11 -1.73	29.21 1.96 -0.01	24.94 1.61 0.00	23.01 1.34 -0.01	21.00 1.23 0.00
BAYONEEC___CTG10 323750	19.71 1.08 0.00	17.65 0.98 0.00	16.95 0.97 -0.11	16.25 0.92 0.00	16.19 0.89 0.00	17.60 0.98 0.00	21.10 1.17 -0.70	22.27 1.40 -1.21	22.63 1.51 -0.41	22.37 1.60 -0.02	22.63 1.64 -0.02	22.43 1.66 -0.02	22.70 1.73 -0.17	23.75 1.72 -1.52	25.52 1.84 -1.44	27.68 1.93 -3.09	28.93 2.02 -3.72	36.56 2.30 -6.95	32.20 2.30 -1.89	30.55 2.11 -1.73	29.21 1.96 -0.01	24.94 1.61 0.00	23.01 1.34 -0.01	21.00 1.23 0.00
BAYONEEC___CTG2 323683	19.71 1.08 0.00	17.65 0.98 0.00	16.95 0.97 -0.11	16.25 0.92 0.00	16.19 0.89 0.00	17.60 0.98 0.00	21.10 1.17 -0.70	22.27 1.40 -1.21	22.63 1.51 -0.41	22.37 1.60 -0.02	22.63 1.64 -0.02	22.43 1.66 -0.02	22.70 1.73 -0.17	23.75 1.72 -1.52	25.52 1.84 -1.44	27.68 1.93 -3.09	28.93 2.02 -3.72	36.56 2.30 -6.95	32.20 2.30 -1.89	30.55 2.11 -1.73	29.21 1.96 -0.01	24.94 1.61 0.00	23.01 1.34 -0.01	21.00 1.23 0.00
BAYONEEC___CTG3 323684	19.71 1.08 0.00	17.65 0.98 0.00	16.95 0.97 -0.11	16.25 0.92 0.00	16.19 0.89 0.00	17.60 0.98 0.00	21.10 1.17 -0.70	22.27 1.40 -1.21	22.63 1.51 -0.41	22.37 1.60 -0.02	22.63 1.64 -0.02	22.43 1.66 -0.02	22.70 1.73 -0.17	23.75 1.72 -1.52	25.52 1.84 -1.44	27.68 1.93 -3.09	28.93 2.02 -3.72	36.56 2.30 -6.95	32.20 2.30 -1.89	30.55 2.11 -1.73	29.21 1.96 -0.01	24.94 1.61 0.00	23.01 1.34 -0.01	21.00 1.23 0.00
BAYONEEC___CTG4 323685	19.71 1.08 0.00	17.65 0.98 0.00	16.95 0.97 -0.11	16.25 0.92 0.00	16.19 0.89 0.00	17.60 0.98 0.00	21.10 1.17 -0.70	22.27 1.40 -1.21	22.63 1.51 -0.41	22.37 1.60 -0.02	22.63 1.64 -0.02	22.43 1.66 -0.02	22.70 1.73 -0.17	23.75 1.72 -1.52	25.52 1.84 -1.44	27.68 1.93 -3.09	28.93 2.02 -3.72	36.56 2.30 -6.95	32.20 2.30 -1.89	30.55 2.11 -1.73	29.21 1.96 -0.01	24.94 1.61 0.00	23.01 1.34 -0.01	21.00 1.23 0.00
BAYONEEC___CTG5 323686	19.71 1.08 0.00	17.65 0.98 0.00	16.95 0.97 -0.11	16.25 0.92 0.00	16.19 0.89 0.00	17.60 0.98 0.00	21.10 1.17 -0.70	22.27 1.40 -1.21	22.63 1.51 -0.41	22.37 1.60 -0.02	22.63 1.64 -0.02	22.43 1.66 -0.02	22.70 1.73 -0.17	23.75 1.72 -1.52	25.52 1.84 -1.44	27.68 1.93 -3.09	28.93 2.02 -3.72	36.56 2.30 -6.95	32.20 2.30 -1.89	30.55 2.11 -1.73	29.21 1.96 -0.01	24.94 1.61 0.00	23.01 1.34 -0.01	21.00 1.23 0.00
BAYONEEC___CTG6 323687	19.71 1.08 0.00	17.65 0.98 0.00	16.95 0.97 -0.11	16.25 0.92 0.00	16.19 0.89 0.00	17.60 0.98 0.00	21.10 1.17 -0.70	22.27 1.40 -1.21	22.63 1.51 -0.41	22.37 1.60 -0.02	22.63 1.64 -0.02	22.43 1.66 -0.02	22.70 1.73 -0.17	23.75 1.72 -1.52	25.52 1.84 -1.44	27.68 1.93 -3.09	28.93 2.02 -3.72	36.56 2.30 -6.95	32.20 2.30 -1.89	30.55 2.11 -1.73	29.21 1.96 -0.01	24.94 1.61 0.00	23.01 1.34 -0.01	21.00 1.23 0.00
BAYONEEC___CTG7 323688	19.71 1.08 0.00	17.65 0.98 0.00	16.95 0.97 -0.11	16.25 0.92 0.00	16.19 0.89 0.00	17.60 0.98 0.00	21.10 1.17 -0.70	22.27 1.40 -1.21	22.63 1.51 -0.41	22.37 1.60 -0.02	22.63 1.64 -0.02	22.43 1.66 -0.02	22.70 1.73 -0.17	23.75 1.72 -1.52	25.52 1.84 -1.44	27.68 1.93 -3.09	28.93 2.02 -3.72	36.56 2.30 -6.95	32.20 2.30 -1.89	30.55 2.11 -1.73	29.21 1.96 -0.01	24.94 1.61 0.00	23.01 1.34 -0.01	21.00 1.23 0.00
BAYONEEC___CTG8 323689	19.71 1.08 0.00	17.65 0.98 0.00	16.95 0.97 -0.11	16.25 0.92 0.00	16.19 0.89 0.00	17.60 0.98 0.00	21.10 1.17 -0.70	22.27 1.40 -1.21	22.63 1.51 -0.41	22.37 1.60 -0.02	22.63 1.64 -0.02	22.43 1.66 -0.02	22.70 1.73 -0.17	23.75 1.72 -1.52	25.52 1.84 -1.44	27.68 1.93 -3.09	28.93 2.02 -3.72	36.56 2.30 -6.95	32.20 2.30 -1.89	30.55 2.11 -1.73	29.21 1.96 -0.01	24.94 1.61 0.00	23.01 1.34 -0.01	21.00 1.23 0.00
BAYONEEC___CTG9 323749	19.71 1.08 0.00	17.65 0.98 0.00	16.95 0.97 -0.11	16.25 0.92 0.00	16.19 0.89 0.00	17.60 0.98 0.00	21.10 1.17 -0.70	22.27 1.40 -1.21	22.63 1.51 -0.41	22.37 1.60 -0.02	22.63 1.64 -0.02	22.43 1.66 -0.02	22.70 1.73 -0.17	23.75 1.72 -1.52	25.52 1.84 -1.44	27.68 1.93 -3.09	28.93 2.02 -3.72	36.56 2.30 -6.95	32.20 2.30 -1.89	30.55 2.11 -1.73	29.21 1.96 -0.01	24.94 1.61 0.00	23.01 1.34 -0.01	21.00 1.23 0.00

BEACON___LESR 323632	19.35 0.73 0.00	17.43 0.77 0.00	16.79 0.78 -0.13	16.06 0.74 0.00	16.01 0.70 0.00	17.42 0.80 0.00	20.95 0.87 -0.86	22.85 0.91 -2.28	22.51 1.01 -0.80	21.77 1.02 0.00	21.98 1.01 0.00	21.77 1.02 0.00	21.90 1.00 -0.10	22.22 0.92 -0.78	23.24 1.00 0.00	24.97 1.00 -1.31	28.51 1.04 -4.26	34.03 1.20 -5.51	32.97 1.20 -3.75	31.30 1.15 -3.44	28.36 1.12 0.00	24.31 0.98 0.00	22.50 0.84 0.00	20.51 0.73 0.00
BEAVER RIVER___HYD 24048	18.94 0.32 0.00	16.90 0.23 0.00	16.08 0.19 0.00	15.51 0.18 0.00	15.52 0.21 0.00	16.90 0.28 0.00	19.80 0.54 -0.03	20.20 0.53 -0.01	21.18 0.48 0.00	21.01 0.25 0.00	21.10 0.13 0.00	20.76 0.00 0.00	20.81 0.00 0.00	20.47 -0.04 -0.01	22.37 0.13 0.00	22.78 0.11 0.00	23.27 0.07 0.00	27.67 0.35 0.00	28.32 0.31 0.00	27.19 0.48 0.00	27.92 0.68 0.00	23.94 0.61 0.00	22.24 0.58 0.00	20.23 0.46 0.00
BEEBEE_GT_13 23619	18.40 -0.22 0.00	16.45 -0.22 0.00	15.65 -0.24 -0.01	15.13 -0.20 0.00	15.12 -0.18 0.00	16.34 -0.28 0.00	19.11 -0.21 -0.09	19.56 -0.26 -0.15	20.42 -0.33 -0.05	20.51 -0.25 0.00	20.70 -0.27 0.00	20.49 -0.27 0.00	20.38 -0.44 -0.01	20.16 -0.41 -0.06	21.80 -0.44 0.00	22.34 -0.41 -0.08	23.07 -0.39 -0.27	27.31 -0.36 -0.35	27.71 -0.53 -0.23	26.46 -0.45 -0.21	26.83 -0.41 0.00	23.01 -0.33 0.00	21.65 0.00 0.00	19.52 -0.26 0.00
BENSHRST_27_KV_BENSHRST_1 355998	19.93 1.30 0.00	17.85 1.18 -0.01	17.14 1.14 -0.11	16.40 1.07 0.00	16.36 1.06 0.00	17.72 1.10 0.00	21.22 1.29 -0.70	22.39 1.51 -1.21	22.71 1.59 -0.41	22.45 1.68 -0.02	22.75 1.76 -0.02	22.56 1.79 -0.02	22.86 1.89 -0.16	23.90 1.91 -1.49	25.70 2.07 -1.39	27.85 2.18 -3.01	29.14 2.27 -3.67	36.83 2.68 -6.84	32.55 2.63 -1.90	30.82 2.38 -1.73	29.48 2.23 -0.01	25.22 1.89 0.00	23.29 1.62 -0.01	21.26 1.48 -0.01
BETHLEHEM___GRP 23843	19.04 0.41 0.00	17.20 0.53 0.00	16.58 0.57 -0.13	15.88 0.55 0.00	15.83 0.52 0.00	17.18 0.57 0.00	20.61 0.52 -0.86	22.49 0.57 -2.26	22.09 0.60 -0.79	21.36 0.60 0.00	21.59 0.61 0.00	21.40 0.64 0.00	21.57 0.67 -0.10	21.90 0.62 -0.78	22.89 0.64 0.00	24.62 0.66 -1.30	28.09 0.67 -4.22	33.54 0.76 -5.45	32.48 0.76 -3.71	30.81 0.69 -3.40	27.89 0.65 0.00	23.89 0.56 0.00	22.13 0.48 0.00	20.21 0.44 0.00
BETHLEHEM___GS1 323560	19.04 0.41 0.00	17.20 0.53 0.00	16.58 0.57 -0.13	15.88 0.55 0.00	15.83 0.52 0.00	17.18 0.57 0.00	20.61 0.52 -0.86	22.47 0.55 -2.26	22.11 0.62 -0.79	21.40 0.64 0.00	21.59 0.61 0.00	21.40 0.64 0.00	21.55 0.65 -0.10	21.90 0.61 -0.78	22.89 0.65 0.00	24.62 0.66 -1.30	28.09 0.67 -4.22	33.53 0.76 -5.45	32.49 0.76 -3.71	30.81 0.69 -3.40	27.89 0.65 0.00	23.89 0.56 0.00	22.13 0.48 0.00	20.21 0.43 0.00
BETHLEHEM___GS2 323561	19.04 0.41 0.00	17.20 0.53 0.00	16.58 0.57 -0.13	15.88 0.55 0.00	15.83 0.52 0.00	17.18 0.57 0.00	20.61 0.52 -0.86	22.47 0.55 -2.26	22.11 0.62 -0.79	21.40 0.64 0.00	21.59 0.61 0.00	21.40 0.64 0.00	21.55 0.65 -0.10	21.90 0.61 -0.78	22.89 0.65 0.00	24.62 0.66 -1.30	28.09 0.67 -4.22	33.53 0.76 -5.45	32.49 0.76 -3.71	30.81 0.69 -3.40	27.89 0.65 0.00	23.89 0.56 0.00	22.13 0.48 0.00	20.21 0.43 0.00
BETHLEHEM___GS3 323562	19.04 0.41 0.00	17.20 0.53 0.00	16.58 0.57 -0.13	15.88 0.55 0.00	15.83 0.52 0.00	17.18 0.57 0.00	20.61 0.52 -0.86	22.47 0.55 -2.26	22.11 0.62 -0.79	21.40 0.64 0.00	21.59 0.61 0.00	21.40 0.64 0.00	21.55 0.65 -0.10	21.90 0.61 -0.78	22.89 0.65 0.00	24.62 0.66 -1.30	28.09 0.67 -4.22	33.53 0.76 -5.45	32.49 0.76 -3.71	30.81 0.69 -3.40	27.89 0.65 0.00	23.89 0.56 0.00	22.13 0.48 0.00	20.21 0.43 0.00
BETHLEHEM___STEEL 23779	18.20 -0.43 0.00	16.25 -0.42 0.00	15.45 -0.44 -0.02	14.99 -0.34 0.00	14.98 -0.32 0.00	16.10 -0.52 0.00	18.58 -0.77 -0.12	19.21 -0.67 -0.21	19.97 -0.81 -0.07	20.13 -0.62 0.00	20.31 -0.67 0.00	20.11 -0.64 0.00	19.90 -0.92 -0.01	19.65 -0.94 -0.08	21.26 -0.98 0.00	21.78 -1.00 -0.12	22.74 -0.84 -0.38	26.93 -0.87 -0.48	27.16 -1.18 -0.32	25.93 -1.07 -0.29	26.12 -1.12 0.00	22.47 -0.86 0.00	21.33 -0.32 0.00	19.28 -0.49 0.00
BETHLHEM_115KV_TB1 79974	19.07 0.45 0.00	17.21 0.55 0.00	16.60 0.59 -0.13	15.88 0.55 0.00	15.83 0.52 0.00	17.20 0.58 0.00	20.64 0.56 -0.86	22.48 0.61 -2.21	22.11 0.64 -0.77	21.40 0.64 0.00	21.63 0.65 0.00	21.44 0.68 0.00	21.61 0.71 -0.09	21.93 0.66 -0.77	22.93 0.69 0.00	24.66 0.73 -1.27	28.06 0.74 -4.12	33.46 0.82 -5.32	32.45 0.81 -3.63	30.78 0.75 -3.32	27.97 0.74 0.00	23.96 0.63 0.00	22.20 0.54 0.00	20.25 0.47 0.00
BETHPAGE_CC_5 323564	29.63 1.40 -9.60	24.36 1.27 -6.43	22.02 1.22 -4.92	21.44 1.16 -4.95	21.81 1.15 -5.35	25.40 1.25 -7.53	28.62 1.50 -7.89	23.65 1.79 -2.19	24.09 1.90 -1.49	23.34 2.01 -0.57	25.98 1.99 -3.01	27.30 1.89 -4.66	27.89 1.94 -5.14	28.15 1.99 -5.65	32.50 2.14 -8.13	36.07 2.20 -11.20	40.36 2.30 -14.86	49.89 2.65 -19.92	52.08 2.66 -21.40	39.25 2.46 -10.09	37.61 2.31 -8.06	37.17 1.94 -11.90	27.88 1.75 -4.47	25.99 1.54 -4.67
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	18.24 -0.39 0.00	16.28 -0.38 0.00	15.49 -0.41 -0.02	15.02 -0.31 0.00	15.01 -0.29 0.00	16.14 -0.48 0.00	18.56 -0.79 -0.12	19.25 -0.63 -0.22	20.03 -0.75 -0.07	20.17 -0.58 0.00	20.35 -0.63 0.00	20.17 -0.58 0.00	19.94 -0.87 -0.01	19.67 -0.92 -0.08	21.33 -0.91 0.00	21.85 -0.93 -0.12	22.82 -0.77 -0.38	27.02 -0.79 -0.49	27.25 -1.09 -0.32	26.02 -0.99 -0.30	26.18 -1.06 0.00	22.52 -0.82 0.00	21.35 -0.30 0.00	19.32 -0.45 0.00
BINGHAMTON___COGEN 23790	18.80 0.17 0.00	16.80 0.13 0.00	16.02 0.11 -0.03	15.47 0.14 0.00	15.44 0.14 0.00	16.74 0.12 0.00	19.59 0.13 -0.23	20.31 0.22 -0.43	21.03 0.19 -0.15	21.03 0.27 0.00	21.23 0.25 0.00	21.03 0.27 0.00	21.03 0.21 -0.02	20.87 0.21 -0.16	22.49 0.24 0.00	23.15 0.25 -0.24	24.30 0.32 -0.78	28.73 0.41 -1.01	28.96 0.28 -0.66	27.61 0.29 -0.61	27.48 0.25 0.00	23.57 0.23 0.00	21.96 0.30 0.00	20.01 0.24 0.00
BIXINCNT_115KV_LOAD 355685	18.33 -0.30 0.00	16.40 -0.27 0.00	15.58 -0.32 -0.02	15.15 -0.18 0.00	15.12 -0.18 0.00	16.27 -0.35 0.00	18.54 -0.83 -0.13	19.41 -0.49 -0.23	20.20 -0.58 -0.08	20.30 -0.46 0.00	20.45 -0.52 0.00	20.22 -0.54 0.00	19.99 -0.83 -0.01	19.65 -0.94 -0.09	21.31 -0.93 0.00	21.82 -0.97 -0.13	22.82 -0.79 -0.41	27.00 -0.85 -0.53	27.24 -1.12 -0.35	26.04 -0.99 -0.32	26.18 -1.06 0.00	22.54 -0.79 0.00	21.33 -0.32 0.00	19.36 -0.42 0.00
BLACK RIVER___HYD 24047	19.04 0.41 0.00	16.96 0.30 0.00	16.12 0.24 -0.01	15.57 0.24 0.00	15.58 0.28 0.00	16.97 0.35 0.00	20.00 0.73 -0.04	20.40 0.73 -0.01	21.35 0.64 0.00	21.19 0.44 0.00	21.31 0.33 0.00	20.88 0.13 0.00	20.93 0.13 0.00	20.56 0.04 -0.01	22.60 0.35 0.00	23.00 0.34 0.00	23.55 0.35 0.00	27.97 0.65 0.00	28.49 0.48 0.00	27.46 0.75 0.00	28.17 0.93 0.00	24.17 0.84 0.00	22.39 0.74 0.00	20.37 0.59 0.00

BLACKRVR_115KV_TB2 79977	19.04 0.41 0.00	16.96 0.30 0.00	16.12 0.24 -0.01	15.57 0.25 0.00	15.58 0.28 0.00	16.97 0.35 0.00	20.00 0.73 -0.04	20.42 0.75 -0.01	21.34 0.64 0.00	21.25 0.50 0.00	21.31 0.34 0.00	20.88 0.12 0.00	20.89 0.08 0.00	20.56 0.04 -0.01	22.60 0.36 0.00	23.00 0.34 0.00	23.55 0.35 0.00	27.97 0.66 0.00	28.49 0.48 0.00	27.46 0.75 0.00	28.16 0.93 0.00	24.17 0.84 0.00	22.39 0.74 0.00	20.37 0.59 0.00
BLISS_WT_PWR 323608	18.31 -0.32 0.00	16.38 -0.28 0.00	15.56 -0.33 -0.02	15.13 -0.20 0.00	15.11 -0.20 0.00	16.25 -0.37 0.00	18.52 -0.85 -0.13	19.09 -0.81 -0.23	20.24 -0.54 -0.08	20.20 -0.56 0.00	20.43 -0.55 0.00	20.15 -0.60 0.00	19.92 -0.89 -0.01	19.59 -1.00 -0.09	21.22 -1.02 0.00	21.75 -1.04 -0.13	22.73 -0.88 -0.41	26.87 -0.98 -0.54	27.16 -1.20 -0.35	25.96 -1.07 -0.32	26.12 -1.12 0.00	22.49 -0.84 0.00	21.29 -0.37 0.00	19.30 -0.47 0.00
BLUE_CIRC_CHEM_DRP 24182	19.30 0.67 0.00	17.36 0.70 0.00	16.71 0.70 -0.13	16.00 0.67 0.00	15.96 0.66 0.00	17.33 0.71 0.00	20.84 0.77 -0.84	22.49 0.85 -1.98	22.28 0.89 -0.68	21.61 0.85 0.00	21.86 0.88 0.00	21.63 0.87 0.00	21.79 0.89 -0.08	22.07 0.86 -0.70	23.15 0.91 0.00	24.72 0.93 -0.13	27.81 0.95 -3.66	33.14 1.09 -4.73	32.36 1.12 -3.22	30.70 1.04 -2.95	28.30 1.06 0.00	24.24 0.91 0.00	22.46 0.80 0.00	20.47 0.69 0.00
BOC_GAS_DRP 24189	19.17 0.54 0.00	17.21 0.55 0.00	16.58 0.57 -0.13	15.87 0.54 0.00	15.83 0.52 0.00	17.20 0.58 0.00	20.72 0.63 -0.85	22.29 0.69 -1.94	22.11 0.75 -0.67	21.50 0.75 0.00	21.75 0.78 0.00	21.54 0.79 0.00	21.70 0.81 -0.08	22.00 0.80 -0.69	23.09 0.85 0.00	24.62 0.86 -1.10	27.67 0.90 -3.57	32.94 1.01 -4.61	32.16 1.01 -3.14	30.52 0.93 -2.87	28.14 0.90 0.00	24.10 0.77 0.00	22.30 0.65 0.00	20.37 0.59 0.00
BOONVILLE_115KV_TB1 79983	19.04 0.41 0.00	16.98 0.32 0.00	16.15 0.27 0.00	15.61 0.28 0.00	15.60 0.29 0.00	16.97 0.35 0.00	19.78 0.52 -0.03	20.18 0.51 -0.01	21.18 0.48 0.00	21.17 0.42 0.00	21.25 0.27 0.00	21.03 0.27 0.00	21.00 0.19 0.00	20.70 0.18 -0.01	22.51 0.27 0.00	22.96 0.29 0.00	23.48 0.28 0.00	27.84 0.52 0.00	28.55 0.53 0.00	27.35 0.64 0.00	27.95 0.71 0.00	23.96 0.63 0.00	22.22 0.56 0.00	20.29 0.51 0.00
BORALEX_4TH_BRANCH 23824	19.65 1.02 0.00	17.61 0.95 0.00	16.96 0.95 -0.13	16.25 0.92 0.00	16.22 0.92 0.00	17.65 1.03 0.00	21.30 1.21 -0.85	23.58 1.28 -2.64	22.98 1.34 -0.93	22.10 1.35 0.00	22.34 1.36 0.00	22.15 1.39 0.00	22.32 1.39 -0.11	22.81 1.41 -0.89	23.73 1.49 0.00	25.72 1.52 -1.54	29.76 1.55 -5.00	35.53 1.75 -6.46	34.21 1.79 -4.40	32.45 1.71 -4.03	28.90 1.66 0.00	24.76 1.42 0.00	22.84 1.19 0.00	20.90 1.13 0.00
BOWLINE___1 23526	19.50 0.88 0.00	17.46 0.80 0.00	16.76 0.78 -0.10	16.06 0.74 0.00	16.02 0.72 0.00	17.40 0.78 0.00	20.87 0.96 -0.68	21.97 1.14 -1.17	22.33 1.24 -0.39	22.09 1.33 0.00	22.36 1.38 0.00	22.15 1.39 0.00	22.31 1.46 -0.05	22.41 1.46 -0.44	23.82 1.58 0.00	24.95 1.65 -0.64	26.99 1.72 -2.07	31.98 1.99 -2.67	31.79 1.96 -1.82	30.14 1.76 -1.66	28.85 1.61 0.00	24.69 1.35 0.00	22.76 1.10 0.00	20.76 0.99 0.00
BOWLINE___2 23595	19.50 0.88 0.00	17.46 0.80 0.00	16.76 0.78 -0.10	16.06 0.74 0.00	16.02 0.72 0.00	17.40 0.78 0.00	20.87 0.96 -0.68	21.97 1.14 -1.17	22.33 1.24 -0.39	22.09 1.33 0.00	22.36 1.38 0.00	22.15 1.39 0.00	22.31 1.46 -0.05	22.41 1.46 -0.44	23.82 1.58 0.00	24.95 1.65 -0.64	27.01 1.74 -2.07	31.98 1.99 -2.67	31.79 1.96 -1.82	30.14 1.76 -1.66	28.85 1.61 0.00	24.69 1.35 0.00	22.76 1.10 0.00	20.76 0.99 0.00
BRADY___115KV_TB2 356060	18.72 0.09 0.00	16.70 0.03 0.00	15.90 0.02 0.00	15.34 0.02 0.00	15.34 0.03 0.00	16.69 0.07 0.00	19.29 0.06 0.00	19.74 0.08 0.00	20.81 0.10 0.00	20.78 0.02 0.00	20.98 0.00 0.00	20.71 -0.04 0.00	20.79 -0.02 0.00	20.41 -0.10 0.00	22.17 -0.07 0.00	22.62 -0.05 0.00	22.99 -0.21 0.00	27.10 -0.22 0.00	27.88 -0.14 0.00	26.63 -0.08 0.00	27.37 0.14 0.00	23.45 0.12 0.00	21.78 0.13 0.00	19.79 0.02 0.00
BRANSCOMB___SOLAR 323811	19.80 1.17 0.00	17.71 1.05 0.00	17.04 1.03 -0.13	16.32 1.00 0.00	16.30 0.99 0.00	17.72 1.10 0.00	21.44 1.33 -0.88	24.17 1.38 -3.13	23.27 1.45 -1.12	22.19 1.43 0.00	22.40 1.43 0.00	22.10 1.35 0.00	22.26 1.31 -0.14	22.85 1.31 -1.03	23.67 1.42 0.00	25.98 1.47 -1.85	30.74 1.55 -5.99	36.97 1.91 -7.74	35.17 1.88 -5.27	33.38 1.84 -4.83	29.14 1.91 0.00	25.01 1.68 0.00	23.10 1.45 0.00	21.02 1.25 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	29.74 1.51 -9.60	24.48 1.38 -6.43	22.14 1.35 -4.92	21.57 1.29 -4.95	21.93 1.27 -5.35	25.51 1.36 -7.53	28.77 1.65 -7.89	23.86 2.01 -2.19	24.30 2.11 -1.48	23.36 2.03 -0.57	26.15 2.16 -3.01	27.47 2.05 -4.66	28.20 2.25 -5.14	28.35 2.19 -5.65	32.73 2.36 -8.13	36.36 2.49 -11.20	40.69 2.62 -14.86	50.19 2.95 -19.92	52.39 2.97 -21.40	39.52 2.72 -10.09	37.94 2.64 -8.06	37.50 2.26 -11.90	28.12 1.99 -4.47	26.09 1.64 -4.67
BRISTLHL_115KV_TB1 79998	18.46 -0.17 0.00	16.50 -0.17 0.00	15.71 -0.17 -0.01	15.16 -0.17 0.00	15.15 -0.15 0.00	16.44 -0.18 0.00	19.64 0.35 -0.07	20.08 0.31 -0.10	21.03 0.29 -0.03	21.11 0.35 0.00	21.25 0.27 0.00	20.40 -0.35 0.00	20.41 -0.40 0.00	20.15 -0.37 -0.01	22.55 0.31 0.00	23.01 0.29 -0.06	23.71 0.32 -0.18	27.99 0.44 -0.23	27.57 -0.45 0.00	26.31 -0.40 0.00	26.86 -0.38 0.00	22.98 -0.35 0.00	21.42 -0.24 0.00	19.62 -0.16 0.00
BROOKHAVEN___DRP 24191	29.48 1.25 -9.60	24.30 1.20 -6.43	22.00 1.21 -4.92	21.43 1.15 -4.95	21.78 1.12 -5.35	25.33 1.18 -7.53	28.62 1.50 -7.89	23.63 1.77 -2.19	24.01 1.82 -1.48	23.09 1.76 -0.57	25.84 1.85 -3.01	27.18 1.76 -4.66	27.91 1.96 -5.14	28.05 1.89 -5.65	32.39 2.02 -8.13	36.04 2.18 -11.20	40.31 2.25 -14.86	49.86 2.62 -19.92	52.08 2.66 -21.40	39.26 2.46 -10.09	37.67 2.37 -8.06	37.15 1.91 -11.90	27.79 1.67 -4.47	25.77 1.32 -4.67
BROOKLYN_NAVY_YARD 23515	19.69 1.06 0.00	17.63 0.97 0.00	16.94 0.95 -0.11	16.22 0.89 0.00	16.18 0.87 0.00	17.57 0.95 0.00	21.08 1.15 -0.70	22.27 1.40 -1.21	22.61 1.49 -0.41	22.33 1.56 -0.02	22.59 1.59 -0.02	22.37 1.60 -0.02	22.62 1.64 -0.17	23.67 1.64 -1.52	25.46 1.78 -1.44	27.61 1.86 -3.09	28.84 1.92 -3.72	32.45 2.21 -2.92	32.12 2.21 -1.89	30.53 2.08 -1.73	29.18 1.93 -0.01	24.94 1.61 0.00	23.03 1.37 -0.01	21.00 1.23 0.00
BROOKLYN___ARMY_DRP 323595	19.88 1.25 0.00	17.79 1.12 -0.01	17.09 1.10 -0.11	16.36 1.03 0.00	16.32 1.01 0.00	17.65 1.03 0.00	21.14 1.21 -0.70	22.31 1.44 -1.21	22.63 1.51 -0.41	22.37 1.60 -0.02	22.67 1.68 -0.02	22.47 1.70 -0.02	22.76 1.79 -0.16	23.80 1.80 -1.49	25.59 1.96 -1.39	27.74 2.06 -3.01	29.02 2.16 -3.67	36.70 2.54 -6.84	32.41 2.49 -1.90	30.69 2.24 -1.73	29.34 2.10 -0.01	25.11 1.77 0.00	23.20 1.54 -0.01	21.19 1.40 -0.01

BROOKVLE_69_KV_TB1 55790	29.55 1.32 -9.60	24.28 1.18 -6.43	21.95 1.16 -4.92	21.38 1.10 -4.95	21.75 1.09 -5.35	25.33 1.18 -7.53	28.52 1.40 -7.89	23.53 1.67 -2.19	23.99 1.80 -1.48	23.16 1.83 -0.57	25.92 1.93 -3.01	27.30 1.89 -4.66	27.97 2.02 -5.14	28.15 1.99 -5.65	32.53 2.16 -8.13	36.09 2.22 -11.20	40.34 2.27 -14.86	49.86 2.62 -19.92	52.02 2.61 -21.40	39.20 2.40 -10.09	37.56 2.26 -8.06	37.19 1.96 -11.90	27.82 1.69 -4.47	25.91 1.46 -4.67
BROOME_2_LFGE 323671	18.79 0.17 0.00	16.80 0.13 0.00	16.03 0.11 -0.03	15.47 0.14 0.00	15.44 0.14 0.00	16.74 0.12 0.00	19.60 0.14 -0.23	20.25 0.16 -0.43	21.03 0.19 -0.15	20.98 0.23 0.00	21.23 0.25 0.00	21.03 0.27 0.00	21.06 0.23 -0.02	20.87 0.21 -0.16	22.49 0.25 0.00	23.15 0.25 -0.24	24.30 0.32 -0.78	28.73 0.41 -1.01	28.96 0.28 -0.66	27.61 0.29 -0.61	27.48 0.24 0.00	23.57 0.23 0.00	21.96 0.30 0.00	20.01 0.24 0.00
BROOME__LFGE 323600	18.79 0.17 0.00	16.80 0.13 0.00	16.03 0.11 -0.03	15.47 0.14 0.00	15.44 0.14 0.00	16.74 0.12 0.00	19.60 0.14 -0.23	20.25 0.16 -0.43	21.03 0.19 -0.15	20.98 0.23 0.00	21.23 0.25 0.00	21.03 0.27 0.00	21.06 0.23 -0.02	20.87 0.21 -0.16	22.49 0.25 0.00	23.15 0.25 -0.24	24.30 0.32 -0.78	28.73 0.41 -1.01	28.96 0.28 -0.66	27.61 0.29 -0.61	27.48 0.24 0.00	23.57 0.23 0.00	21.96 0.30 0.00	20.01 0.24 0.00
BROWNFLS_115KV_TB_3_5 80003	18.81 0.19 0.00	16.78 0.12 0.00	15.96 0.08 0.00	15.42 0.09 0.00	15.41 0.11 0.00	16.78 0.17 0.00	19.56 0.31 -0.02	20.00 0.33 0.00	21.01 0.31 0.00	20.90 0.15 0.00	21.04 0.06 0.00	20.69 -0.06 0.00	20.77 -0.04 0.00	20.43 -0.08 0.00	22.26 0.02 0.00	22.66 0.00 0.00	23.02 -0.19 0.00	27.29 -0.03 0.00	27.96 -0.06 0.00	26.79 0.08 0.00	27.62 0.38 0.00	23.71 0.37 0.00	22.02 0.37 0.00	20.03 0.26 0.00
BROWNSV1_27_KV_LOAD 356125	19.84 1.21 0.00	17.76 1.10 0.00	17.07 1.08 -0.11	16.34 1.01 0.00	16.30 0.99 0.00	17.70 1.08 0.00	21.24 1.31 -0.70	22.43 1.55 -1.21	22.79 1.68 -0.41	22.52 1.74 -0.02	22.80 1.80 -0.02	22.58 1.81 -0.02	22.87 1.89 -0.17	23.92 1.89 -1.52	25.73 2.05 -1.44	27.86 2.11 -3.09	29.12 2.20 -3.71	36.84 2.57 -6.95	32.45 2.55 -1.89	30.77 2.32 -1.73	29.45 2.21 -0.01	25.15 1.82 0.00	23.20 1.54 -0.01	21.16 1.38 0.00
BURROWS__LYONSDAL 23803	19.02 0.39 0.00	16.96 0.30 0.00	16.15 0.27 0.00	15.59 0.26 0.00	15.58 0.28 0.00	16.97 0.35 0.00	19.80 0.54 -0.03	20.20 0.53 -0.01	21.18 0.48 0.00	21.13 0.37 0.00	21.21 0.23 0.00	20.96 0.21 0.00	20.93 0.12 0.00	20.64 0.12 -0.01	22.46 0.22 0.00	22.89 0.23 0.00	23.43 0.23 0.00	27.81 0.49 0.00	28.52 0.50 0.00	27.32 0.61 0.00	27.97 0.74 0.00	23.96 0.63 0.00	22.22 0.56 0.00	20.29 0.51 0.00
CAITHNESS_CC_1 323624	29.50 1.27 -9.60	24.30 1.20 -6.43	22.00 1.21 -4.92	21.43 1.15 -4.95	21.76 1.10 -5.35	25.33 1.18 -7.53	28.60 1.48 -7.89	23.63 1.77 -2.19	24.01 1.82 -1.49	23.28 1.95 -0.57	25.86 1.87 -3.01	27.20 1.79 -4.66	27.78 1.83 -5.14	28.06 1.91 -5.65	32.39 2.02 -8.13	36.04 2.18 -11.20	40.34 2.27 -14.86	49.87 2.62 -19.92	52.05 2.63 -21.40	39.20 2.40 -10.09	37.61 2.31 -8.06	37.15 1.91 -11.90	27.82 1.69 -4.47	25.77 1.32 -4.67
CALPINE BETH_PAGE_GT4 24209	29.61 1.38 -9.60	24.36 1.27 -6.43	22.02 1.22 -4.92	21.44 1.17 -4.95	21.81 1.15 -5.35	25.40 1.25 -7.53	28.62 1.50 -7.89	23.65 1.79 -2.19	24.09 1.90 -1.48	23.22 1.89 -0.57	25.96 1.97 -3.01	27.28 1.87 -4.66	27.95 2.00 -5.14	28.11 1.95 -5.65	32.46 2.09 -8.13	35.98 2.11 -11.20	40.29 2.23 -14.86	49.81 2.57 -19.92	51.99 2.58 -21.40	39.15 2.35 -10.09	37.53 2.23 -8.06	37.08 1.84 -11.90	27.84 1.71 -4.47	25.97 1.52 -4.67
CALPINE_BETH_PAGE_GT_4 323586	29.61 1.38 -9.60	24.36 1.27 -6.43	22.02 1.22 -4.92	21.44 1.16 -4.95	21.81 1.15 -5.35	25.40 1.25 -7.53	28.62 1.50 -7.89	23.63 1.77 -2.19	24.09 1.90 -1.49	23.34 2.01 -0.57	25.96 1.97 -3.01	27.28 1.87 -4.66	27.84 1.89 -5.14	28.11 1.95 -5.65	32.46 2.09 -8.13	35.98 2.11 -11.20	40.29 2.23 -14.86	49.81 2.57 -19.92	51.99 2.58 -21.40	39.15 2.35 -10.09	37.53 2.23 -8.06	37.08 1.84 -11.90	27.84 1.71 -4.47	25.97 1.52 -4.67
CALPINE_BP_GT1 23823	29.61 1.38 -9.60	24.36 1.27 -6.43	22.02 1.22 -4.92	21.44 1.16 -4.95	21.81 1.15 -5.35	25.40 1.25 -7.53	28.62 1.50 -7.89	23.63 1.77 -2.19	24.09 1.90 -1.49	23.34 2.01 -0.57	25.96 1.97 -3.01	27.28 1.87 -4.66	27.84 1.89 -5.14	28.11 1.95 -5.65	32.46 2.09 -8.13	35.98 2.11 -11.20	40.29 2.23 -14.86	49.81 2.57 -19.92	51.99 2.58 -21.40	39.15 2.35 -10.09	37.53 2.23 -8.06	37.08 1.84 -11.90	27.84 1.71 -4.47	25.97 1.52 -4.67
CALSPAN__DRP 24200	18.20 -0.43 0.00	16.25 -0.42 0.00	15.45 -0.44 -0.02	14.99 -0.34 0.00	14.98 -0.32 0.00	16.10 -0.52 0.00	18.58 -0.77 -0.12	19.21 -0.67 -0.21	19.97 -0.81 -0.07	20.13 -0.62 0.00	20.31 -0.67 0.00	20.11 -0.64 0.00	19.90 -0.92 -0.01	19.65 -0.94 -0.08	21.26 -0.98 0.00	21.78 -1.00 -0.12	22.74 -0.84 -0.38	26.93 -0.87 -0.48	27.16 -1.18 -0.32	25.93 -1.07 -0.29	26.12 -1.12 0.00	22.47 -0.86 0.00	21.33 -0.32 0.00	19.28 -0.49 0.00
CALVERTON__SOLAR 323806	29.50 1.27 -9.60	24.33 1.23 -6.43	22.03 1.24 -4.92	21.46 1.18 -4.95	21.81 1.15 -5.35	25.36 1.21 -7.53	28.66 1.54 -7.89	23.65 1.79 -2.19	24.01 1.82 -1.49	23.28 1.95 -0.57	25.84 1.85 -3.01	27.20 1.79 -4.66	27.80 1.85 -5.14	28.08 1.93 -5.65	32.44 2.07 -8.13	36.09 2.22 -11.20	40.41 2.34 -14.86	49.95 2.71 -19.92	52.16 2.75 -21.40	39.31 2.51 -10.09	37.70 2.40 -8.06	37.22 1.98 -11.90	27.84 1.71 -4.47	25.79 1.35 -4.67
CANDIGU_WT_PWR 323617	18.55 -0.07 0.00	16.56 -0.10 0.00	15.78 -0.13 -0.02	15.27 -0.06 0.00	15.24 -0.06 0.00	16.47 -0.15 0.00	19.12 -0.27 -0.16	19.68 -0.28 -0.29	20.55 -0.25 -0.10	20.55 -0.21 0.00	20.77 -0.21 0.00	20.55 -0.21 0.00	20.47 -0.35 -0.01	20.22 -0.39 -0.11	21.88 -0.36 0.00	22.46 -0.36 -0.16	23.48 -0.23 -0.51	27.82 -0.16 -0.66	28.11 -0.33 -0.43	26.87 -0.24 -0.40	26.94 -0.30 0.00	23.12 -0.21 0.00	21.74 0.09 0.00	19.71 -0.06 0.00
CARR STREET_E_SYR 24060	18.52 -0.11 0.00	16.55 -0.12 0.00	15.76 -0.13 -0.01	15.22 -0.11 0.00	15.20 -0.11 0.00	16.49 -0.13 0.00	19.28 -0.02 -0.07	19.70 -0.08 -0.11	20.66 -0.08 -0.04	20.69 -0.06 0.00	20.89 -0.08 0.00	20.65 -0.10 0.00	20.67 -0.14 0.00	20.41 -0.14 -0.04	22.17 -0.07 0.00	22.61 -0.11 -0.06	23.31 -0.09 -0.20	27.49 -0.08 -0.26	27.89 -0.28 -0.16	26.61 -0.24 -0.14	27.02 -0.22 0.00	23.12 -0.21 0.00	21.52 -0.13 0.00	19.69 -0.08 0.00
CARTHAGE__PAPER 23857	18.96 0.34 0.00	16.90 0.23 0.00	16.08 0.19 -0.01	15.51 0.18 0.00	15.52 0.21 0.00	16.92 0.30 0.00	19.86 0.60 -0.04	20.26 0.59 -0.01	21.20 0.50 0.00	21.03 0.27 0.00	21.17 0.19 0.00	20.78 0.02 0.00	20.85 0.04 0.00	20.50 -0.02 -0.01	22.44 0.20 0.00	22.84 0.18 0.00	23.36 0.16 0.00	27.78 0.46 0.00	28.38 0.36 0.00	27.30 0.59 0.00	28.06 0.82 0.00	24.06 0.72 0.00	22.30 0.65 0.00	20.29 0.51 0.00

CASSADAGA_WT_PWR 323784	18.63 0.00 0.00	16.65 -0.02 0.00	15.84 -0.06 -0.02	15.36 0.03 0.00	15.37 0.06 0.00	16.59 -0.03 0.00	19.07 -0.29 -0.13	19.68 -0.22 -0.23	20.78 0.00 -0.08	20.84 0.08 0.00	21.17 0.19 0.00	20.84 0.08 0.00	20.61 -0.21 -0.01	20.29 -0.31 -0.08	21.97 -0.27 0.00	22.52 -0.27 -0.13	23.56 -0.05 -0.41	27.93 0.08 -0.53	28.14 -0.23 -0.35	26.87 -0.16 -0.32	26.97 -0.27 0.00	23.24 -0.09 0.00	22.00 0.35 0.00	19.85 0.08 0.00
CE_DUNWOOD___DRP 24194	19.61 0.99 0.00	17.56 0.90 0.00	16.86 0.87 -0.11	16.16 0.83 0.00	16.12 0.81 0.00	17.50 0.88 0.00	21.01 1.08 -0.70	22.14 1.28 -1.20	22.49 1.39 -0.40	22.19 1.43 0.00	22.49 1.51 0.00	22.27 1.52 0.00	22.46 1.60 -0.05	22.54 1.58 -0.45	23.95 1.71 0.00	25.11 1.79 -0.66	27.18 1.86 -2.13	32.20 2.13 -2.75	32.01 2.13 -1.87	30.35 1.92 -1.71	29.04 1.80 0.00	24.83 1.49 0.00	22.87 1.21 0.00	20.88 1.11 0.00
CE_MILLWOOD___DRP 24193	19.58 0.95 0.00	17.53 0.87 0.00	16.83 0.84 -0.11	16.13 0.80 0.00	16.09 0.78 0.00	17.47 0.85 0.00	20.97 1.04 -0.70	22.10 1.24 -1.19	22.42 1.32 -0.40	22.15 1.39 0.00	22.42 1.45 0.00	22.21 1.45 0.00	22.40 1.54 -0.05	22.48 1.52 -0.45	23.89 1.65 0.00	25.04 1.72 -0.65	27.11 1.79 -2.12	32.11 2.05 -2.74	31.92 2.05 -1.86	30.29 1.87 -1.71	28.95 1.72 0.00	24.78 1.45 0.00	22.82 1.17 0.00	20.84 1.07 0.00
CE_NYC2_DRP 24202	19.78 1.15 0.00	17.74 1.07 -0.01	17.04 1.05 -0.11	16.31 0.98 0.00	16.27 0.96 0.00	17.65 1.03 0.00	21.14 1.21 -0.70	22.31 1.44 -1.21	22.63 1.51 -0.41	22.37 1.60 -0.02	22.65 1.66 -0.02	22.45 1.68 -0.02	22.74 1.77 -0.16	23.76 1.76 -1.49	25.55 1.91 -1.39	27.67 1.99 -3.01	28.93 2.06 -3.67	36.54 2.40 -6.82	32.26 2.35 -1.89	30.58 2.14 -1.73	29.26 2.02 -0.01	25.04 1.70 0.00	23.11 1.45 -0.01	21.11 1.32 -0.01
CE_NYC_DRP 24195	19.73 1.10 0.00	17.66 1.00 0.00	16.97 0.98 -0.11	16.25 0.92 0.00	16.21 0.90 0.00	17.60 0.98 0.00	21.10 1.17 -0.70	22.29 1.42 -1.21	22.63 1.51 -0.41	22.35 1.58 -0.02	22.65 1.66 -0.02	22.43 1.66 -0.02	22.70 1.73 -0.17	23.76 1.72 -1.53	25.56 1.87 -1.45	27.69 1.93 -3.10	28.94 2.02 -3.73	36.75 2.32 -7.11	32.20 2.30 -1.89	30.55 2.11 -1.73	29.21 1.96 -0.01	24.97 1.63 0.00	23.03 1.36 -0.01	21.02 1.25 0.00
CHAFFEE___LFGE 323603	18.27 -0.35 0.00	16.31 -0.35 0.00	15.50 -0.40 -0.02	15.05 -0.28 0.00	15.03 -0.28 0.00	16.17 -0.45 0.00	18.57 -0.79 -0.13	19.10 -0.79 -0.22	20.09 -0.68 -0.07	20.11 -0.64 0.00	20.39 -0.59 0.00	20.20 -0.56 0.00	19.98 -0.83 -0.01	19.69 -0.90 -0.08	21.35 -0.89 0.00	21.88 -0.91 -0.12	22.85 -0.74 -0.39	27.04 -0.79 -0.51	27.31 -1.04 -0.33	26.06 -0.96 -0.31	26.23 -1.01 0.00	22.56 -0.77 0.00	21.37 -0.28 0.00	19.34 -0.44 0.00
CHATEAUG_35_KV_LOAD 355732	18.78 0.15 0.00	16.73 0.07 0.00	15.88 0.00 0.00	15.33 0.00 0.00	15.32 0.02 0.00	16.65 0.03 0.00	19.25 0.02 0.00	19.76 0.10 0.00	20.81 0.10 0.00	20.71 -0.04 0.00	21.00 0.02 0.00	20.63 -0.12 0.00	20.77 -0.04 0.00	20.45 -0.06 0.00	22.26 0.02 0.00	22.75 0.09 0.00	23.22 0.02 0.00	27.43 0.11 0.00	28.24 0.22 0.00	26.95 0.24 0.00	27.70 0.46 0.00	23.68 0.35 0.00	22.02 0.37 0.00	19.99 0.22 0.00
CHATEAUG_WT_PWR 323614	18.78 0.15 0.00	16.73 0.07 0.00	15.90 0.02 0.00	15.33 0.00 0.00	15.32 0.02 0.00	16.65 0.03 0.00	19.27 0.04 0.00	19.78 0.12 0.00	20.85 0.15 0.00	20.80 0.04 0.00	21.04 0.06 0.00	20.65 -0.10 0.00	20.75 -0.06 0.00	20.47 -0.04 0.00	22.29 0.04 0.00	22.78 0.11 0.00	23.25 0.05 0.00	27.46 0.14 0.00	28.27 0.25 0.00	26.95 0.24 0.00	27.73 0.49 0.00	23.71 0.37 0.00	22.06 0.41 0.00	20.01 0.24 0.00
CHAT_HIGH_FALL_HYD 323578	18.78 0.15 0.00	16.73 0.07 0.00	15.88 0.00 0.00	15.33 0.00 0.00	15.32 0.02 0.00	16.65 0.03 0.00	19.25 0.02 0.00	19.76 0.10 0.00	20.81 0.10 0.00	20.78 0.02 0.00	21.00 0.02 0.00	20.63 -0.12 0.00	20.73 -0.08 0.00	20.45 -0.06 0.00	22.26 0.02 0.00	22.75 0.09 0.00	23.22 0.02 0.00	27.43 0.11 0.00	28.24 0.22 0.00	26.95 0.24 0.00	27.70 0.46 0.00	23.68 0.35 0.00	22.02 0.37 0.00	19.99 0.22 0.00
CHAUTAUQUA___LFGE 323629	18.61 -0.02 0.00	16.61 -0.05 0.00	15.80 -0.09 -0.02	15.33 0.00 0.00	15.32 0.02 0.00	16.52 -0.10 0.00	19.05 -0.31 -0.13	19.63 -0.26 -0.23	20.65 -0.12 -0.07	20.71 -0.04 0.00	21.04 0.06 0.00	20.80 0.04 0.00	20.59 -0.23 -0.01	20.28 -0.31 -0.08	21.97 -0.27 0.00	22.52 -0.27 -0.12	23.53 -0.07 -0.40	27.84 0.00 -0.52	28.05 -0.31 -0.34	26.78 -0.24 -0.31	26.86 -0.38 0.00	23.15 -0.19 0.00	21.89 0.24 0.00	19.77 0.00 0.00
CHERRYST_13_KV_LD 356241	19.76 1.14 0.00	17.70 1.03 0.00	17.00 1.02 -0.11	16.29 0.97 0.00	16.25 0.95 0.00	17.65 1.03 0.00	21.16 1.23 -0.70	22.35 1.47 -1.21	22.71 1.59 -0.41	22.43 1.66 -0.02	22.71 1.72 -0.02	22.50 1.72 -0.02	22.79 1.81 -0.17	23.82 1.78 -1.53	25.62 1.93 -1.45	27.78 2.02 -3.10	29.01 2.09 -3.73	36.83 2.40 -7.11	32.29 2.38 -1.89	30.61 2.16 -1.73	29.29 2.04 -0.01	25.01 1.68 0.00	23.07 1.41 -0.01	21.06 1.29 0.00
CHESTROR_138KV_BK263 355645	19.39 0.76 0.00	17.36 0.70 0.00	16.65 0.67 -0.10	15.96 0.63 0.00	15.92 0.61 0.00	17.30 0.68 0.00	20.73 0.85 -0.65	21.78 1.00 -1.12	22.15 1.08 -0.37	21.88 1.12 0.00	22.17 1.20 0.00	21.94 1.18 0.00	22.10 1.25 -0.04	22.18 1.25 -0.42	23.60 1.36 0.00	24.68 1.41 -0.61	26.66 1.48 -1.98	31.57 1.69 -2.56	31.46 1.71 -1.74	29.82 1.52 -1.59	28.63 1.39 0.00	24.55 1.21 0.00	22.63 0.97 0.00	20.64 0.87 0.00
CH_MIDHUDSON___DRP 24192	19.56 0.93 0.00	17.51 0.85 0.00	16.80 0.81 -0.11	16.10 0.77 0.00	16.06 0.75 0.00	17.45 0.83 0.00	20.96 1.02 -0.71	22.08 1.18 -1.23	22.37 1.26 -0.41	22.04 1.29 0.00	22.32 1.34 0.00	22.11 1.35 0.00	22.25 1.39 -0.05	22.37 1.39 -0.47	23.75 1.51 0.00	24.92 1.59 -0.67	27.06 1.67 -2.19	32.06 1.91 -2.83	31.87 1.93 -1.92	30.23 1.76 -1.76	28.90 1.66 0.00	24.76 1.42 0.00	22.78 1.13 0.00	20.80 1.03 0.00
CH_MISC_IPPS 23765	19.61 0.99 0.00	17.55 0.88 0.00	16.83 0.84 -0.11	16.11 0.78 0.00	16.07 0.76 0.00	17.47 0.85 0.00	20.99 1.06 -0.70	22.09 1.22 -1.21	22.41 1.31 -0.40	22.10 1.35 0.00	22.36 1.38 0.00	22.13 1.37 0.00	22.27 1.42 -0.05	22.40 1.44 -0.46	23.80 1.56 0.00	24.98 1.65 -0.66	27.09 1.74 -2.15	32.12 2.02 -2.78	31.95 2.04 -1.89	30.28 1.84 -1.73	28.96 1.72 0.00	24.85 1.52 0.00	22.84 1.19 0.00	20.86 1.09 0.00
CH_RES_BVR_FALLS 23983	18.38 -0.24 0.00	16.45 -0.22 0.00	15.67 -0.21 0.00	15.13 -0.20 0.00	15.09 -0.21 0.00	16.39 -0.23 0.00	18.94 -0.29 0.00	19.41 -0.26 0.00	20.46 -0.25 0.00	20.49 -0.27 0.00	20.70 -0.27 0.00	20.45 -0.31 0.00	20.48 -0.33 0.00	20.16 -0.35 0.00	21.86 -0.38 0.00	22.28 -0.39 0.00	22.81 -0.39 0.00	26.91 -0.41 0.00	27.65 -0.36 0.00	26.39 -0.32 0.00	26.99 -0.25 0.00	23.10 -0.23 0.00	21.46 -0.20 0.00	19.56 -0.22 0.00

CH_RES_NIAGARA 23895	17.55 -1.08 0.00	15.68 -0.98 0.00	15.01 -0.89 -0.02	14.49 -0.84 0.00	14.46 -0.84 0.00	15.52 -1.10 0.00	18.11 -1.21 -0.09	18.52 -1.34 -0.19	19.26 -1.51 -0.06	19.28 -1.47 0.00	19.53 -1.45 0.00	19.34 -1.41 0.00	19.13 -1.68 -0.01	18.94 -1.64 -0.07	20.42 -1.82 0.00	20.91 -1.86 -0.11	21.81 -1.74 -0.34	25.77 -1.99 -0.45	26.04 -2.27 -0.29	24.87 -2.11 -0.27	25.09 -2.15 0.00	21.63 -1.70 0.00	20.59 -1.06 0.00	18.57 -1.21 0.00
CH_RES_SYRACUSE 23985	18.65 0.02 0.00	16.66 0.00 0.00	15.86 -0.03 -0.01	15.31 -0.02 0.00	15.29 -0.02 0.00	16.59 -0.03 0.00	19.69 0.38 -0.08	20.17 0.37 -0.13	21.08 0.33 -0.04	21.11 0.35 0.00	21.29 0.32 0.00	20.80 0.04 0.00	20.81 0.00 0.00	20.55 0.00 -0.05	22.62 0.38 0.00	23.10 0.36 -0.07	23.82 0.39 -0.23	28.11 0.49 -0.30	28.03 -0.17 -0.18	26.74 -0.13 -0.16	27.16 -0.08 0.00	23.22 -0.12 0.00	21.63 -0.02 0.00	19.81 0.04 0.00
CLINTON_WT_PWR 323605	18.78 0.15 0.00	16.73 0.07 0.00	15.90 0.02 0.00	15.33 0.00 0.00	15.32 0.02 0.00	16.65 0.03 0.00	19.27 0.04 0.00	19.78 0.12 0.00	20.85 0.15 0.00	20.80 0.04 0.00	21.04 0.06 0.00	20.65 -0.10 0.00	20.75 -0.06 0.00	20.47 -0.04 0.00	22.29 0.04 0.00	22.78 0.11 0.00	23.25 0.05 0.00	27.46 0.14 0.00	28.27 0.25 0.00	26.95 0.24 0.00	27.73 0.49 0.00	23.71 0.37 0.00	22.06 0.41 0.00	20.01 0.24 0.00
CLINTON___LFGE 323618	18.96 0.34 0.00	16.88 0.22 0.00	16.02 0.14 0.00	15.45 0.12 0.00	15.46 0.15 0.00	16.80 0.18 0.00	19.46 0.23 0.00	19.98 0.31 0.00	21.08 0.37 0.00	21.01 0.25 0.00	21.25 0.27 0.00	20.86 0.10 0.00	20.97 0.17 0.00	20.67 0.16 0.00	22.51 0.27 0.00	23.02 0.36 0.00	23.50 0.30 0.00	27.78 0.46 0.00	28.61 0.59 0.00	27.24 0.53 0.00	28.03 0.79 0.00	23.94 0.61 0.00	22.28 0.63 0.00	20.19 0.42 0.00
COBBLENY_34_KV_TB1 80064	18.27 -0.35 0.00	16.31 -0.35 0.00	15.50 -0.40 -0.02	15.05 -0.28 0.00	15.03 -0.28 0.00	16.17 -0.45 0.00	18.57 -0.79 -0.13	19.30 -0.59 -0.22	20.07 -0.70 -0.07	20.22 -0.54 0.00	20.39 -0.59 0.00	20.20 -0.56 0.00	19.96 -0.85 -0.01	19.69 -0.90 -0.08	21.35 -0.89 0.00	21.88 -0.91 -0.12	22.85 -0.74 -0.39	27.09 -0.74 -0.51	27.31 -1.04 -0.33	26.05 -0.96 -0.30	26.23 -1.01 0.00	22.56 -0.77 0.00	21.37 -0.28 0.00	19.34 -0.44 0.00
COFFEEN___115KV_TB3 355620	19.15 0.52 0.00	17.05 0.38 0.00	16.20 0.32 -0.01	15.64 0.31 0.00	15.66 0.35 0.00	17.07 0.45 0.00	20.14 0.87 -0.04	20.52 0.85 -0.01	21.45 0.75 0.00	21.36 0.60 0.00	21.42 0.44 0.00	21.00 0.25 0.00	21.00 0.19 0.00	20.62 0.10 -0.01	22.69 0.44 0.00	23.12 0.45 0.00	23.66 0.46 0.00	28.11 0.79 0.00	28.66 0.64 0.00	27.65 0.93 0.00	28.38 1.14 0.00	24.34 1.00 0.00	22.54 0.89 0.00	20.51 0.73 0.00
COLDSPRG_115KV_BK1 355956	18.70 0.07 0.00	16.70 0.03 0.00	15.87 -0.03 -0.02	15.39 0.06 0.00	15.40 0.09 0.00	16.62 0.00 0.00	18.98 0.38 -0.14	19.92 0.02 -0.24	20.74 -0.04 -0.08	20.90 0.15 0.00	21.17 0.19 0.00	20.86 0.10 0.00	20.67 -0.15 -0.01	20.31 -0.29 -0.09	22.06 -0.18 0.00	22.61 -0.18 -0.13	23.65 0.02 -0.42	28.03 0.16 -0.55	28.18 -0.20 -0.36	26.88 -0.16 -0.33	26.94 -0.30 0.00	23.24 -0.09 0.00	21.96 0.30 0.00	19.87 0.10 0.00
COLONIE_LFGE___ 323577	19.50 0.88 0.00	17.48 0.82 0.00	16.82 0.81 -0.13	16.11 0.78 0.00	16.09 0.78 0.00	17.48 0.86 0.00	21.10 1.00 -0.87	23.61 1.06 -2.89	22.87 1.14 -1.03	21.90 1.14 0.00	22.13 1.15 0.00	21.90 1.14 0.00	22.08 1.14 -0.12	22.62 1.15 -0.96	23.46 1.22 0.00	25.61 1.25 -1.70	30.01 1.30 -5.51	35.94 1.50 -7.12	34.38 1.51 -4.85	32.59 1.44 -4.44	28.65 1.42 0.00	24.57 1.24 0.00	22.69 1.04 0.00	20.72 0.95 0.00
COOPERNY_115KV_TB1 80082	19.20 0.58 0.00	17.18 0.52 0.00	16.45 0.49 -0.08	15.79 0.46 0.00	15.76 0.46 0.00	17.12 0.50 0.00	20.39 0.63 -0.53	21.35 0.77 -0.92	21.81 0.81 -0.30	21.61 0.85 0.00	21.88 0.90 0.00	21.65 0.89 0.00	21.78 0.94 -0.04	21.80 0.94 -0.35	23.26 1.02 0.00	24.23 1.07 -0.50	25.94 1.11 -1.63	30.70 1.28 -2.10	30.70 1.26 -1.43	29.17 1.15 -1.31	28.30 1.06 0.00	24.24 0.91 0.00	22.39 0.74 0.00	20.43 0.65 0.00
COPENHAGEN_WT_PWR 323753	18.98 0.35 0.00	16.90 0.23 0.00	16.08 0.19 -0.01	15.53 0.20 0.00	15.54 0.23 0.00	16.92 0.30 0.00	19.95 0.67 -0.04	20.34 0.67 -0.01	21.28 0.58 0.00	21.15 0.39 0.00	21.29 0.32 0.00	20.84 0.08 0.00	20.89 0.08 0.00	20.52 0.00 -0.01	22.57 0.33 0.00	22.98 0.32 0.00	23.53 0.32 0.00	27.92 0.60 0.00	28.38 0.36 0.00	27.33 0.61 0.00	28.03 0.79 0.00	24.03 0.70 0.00	22.30 0.65 0.00	20.29 0.51 0.00
CORNELL_____ 23752	18.96 0.34 0.00	16.93 0.27 0.00	16.13 0.22 -0.02	15.56 0.23 0.00	15.55 0.24 0.00	16.87 0.25 0.00	19.81 0.42 -0.16	20.42 0.45 -0.30	21.20 0.39 -0.10	21.19 0.44 0.00	21.33 0.36 0.00	21.05 0.29 0.00	21.07 0.25 -0.01	20.89 0.27 -0.11	22.60 0.36 0.00	23.22 0.39 -0.17	24.20 0.46 -0.54	28.64 0.63 -0.70	28.91 0.45 -0.45	27.66 0.53 -0.41	27.81 0.57 0.00	23.80 0.47 0.00	22.13 0.48 0.00	20.19 0.42 0.00
CORONA_AV_69_KV_TB1 355595	29.61 1.38 -9.60	24.35 1.25 -6.43	22.02 1.22 -4.92	21.43 1.15 -4.95	21.79 1.13 -5.35	25.38 1.23 -7.53	28.58 1.46 -7.89	23.51 1.65 -2.19	23.97 1.78 -1.48	23.16 1.83 -0.57	25.86 1.87 -3.01	27.28 1.87 -4.66	27.89 1.94 -5.14	28.09 1.93 -5.65	32.46 2.09 -8.13	36.07 2.20 -11.20	40.36 2.30 -14.86	49.84 2.60 -19.92	52.02 2.61 -21.40	39.26 2.46 -10.09	37.64 2.34 -8.06	37.15 1.91 -11.90	27.82 1.69 -4.47	25.99 1.54 -4.67
CORTLAND_115KV_TB3 80093	18.85 0.22 0.00	16.83 0.17 0.00	16.04 0.14 -0.02	15.48 0.15 0.00	15.46 0.15 0.00	16.78 0.17 0.00	19.65 0.29 -0.13	20.20 0.29 -0.24	21.05 0.27 -0.08	21.09 0.33 0.00	21.25 0.27 0.00	21.00 0.25 0.00	21.03 0.21 -0.01	20.80 0.21 -0.09	22.53 0.29 0.00	23.07 0.27 -0.13	23.97 0.35 -0.42	28.30 0.44 -0.55	28.64 0.28 -0.35	27.38 0.35 -0.32	27.59 0.35 0.00	23.61 0.28 0.00	21.96 0.30 0.00	20.05 0.28 0.00
COXSACKIE___GT 23611	19.63 1.01 0.00	17.65 0.98 0.00	16.94 0.94 -0.12	16.23 0.90 0.00	16.19 0.89 0.00	17.60 0.98 0.00	21.14 1.10 -0.81	22.79 1.24 -1.88	22.63 1.28 -0.65	22.02 1.27 0.00	22.19 1.22 0.00	21.79 1.04 0.00	21.78 0.89 -0.08	22.24 1.07 -0.67	23.49 1.24 0.00	24.96 1.22 -1.07	27.98 1.30 -3.48	33.39 1.58 -4.49	32.84 1.77 -3.06	31.14 1.63 -2.80	28.98 1.74 0.00	24.97 1.63 0.00	23.02 1.37 0.00	20.82 1.05 0.00
CPV_VALLEY___CC1 323721	19.26 0.63 0.00	17.25 0.58 0.00	16.54 0.57 -0.09	15.87 0.54 0.00	15.83 0.52 0.00	17.18 0.57 0.00	20.55 0.71 -0.61	21.55 0.84 -1.04	21.96 0.91 -0.35	21.75 1.00 0.00	22.00 1.03 0.00	21.79 1.04 0.00	21.93 1.08 -0.04	21.99 1.09 -0.39	23.42 1.18 0.00	24.46 1.22 -0.57	26.33 1.28 -1.85	31.19 1.47 -2.39	31.07 1.43 -1.63	29.51 1.31 -1.49	28.41 1.17 0.00	24.36 1.03 0.00	22.46 0.80 0.00	20.51 0.73 0.00

CPV_VALLEY___CC2 323722	19.26 0.63 0.00	17.25 0.58 0.00	16.54 0.57 -0.09	15.87 0.54 0.00	15.83 0.52 0.00	17.18 0.57 0.00	20.55 0.71 -0.61	21.55 0.84 -1.04	21.96 0.91 -0.35	21.75 1.00 0.00	22.00 1.03 0.00	21.79 1.04 0.00	21.93 1.08 -0.04	21.99 1.09 -0.39	23.42 1.18 0.00	24.46 1.22 -0.57	26.33 1.28 -1.85	31.19 1.47 -2.39	31.07 1.43 -1.63	29.51 1.31 -1.49	28.41 1.17 0.00	24.36 1.03 0.00	22.46 0.80 0.00	20.51 0.73 0.00
CRESCENT___HYD 24018	19.50 0.88 0.00	17.48 0.82 0.00	16.82 0.81 -0.13	16.11 0.78 0.00	16.09 0.78 0.00	17.48 0.86 0.00	21.10 1.00 -0.87	23.61 1.06 -2.89	22.87 1.14 -1.03	21.90 1.14 0.00	22.13 1.15 0.00	21.90 1.14 0.00	22.08 1.14 -0.12	22.62 1.15 -0.96	23.46 1.22 0.00	25.61 1.25 -1.70	30.01 1.30 -5.51	35.94 1.50 -7.12	34.38 1.51 -4.85	32.59 1.44 -4.44	28.65 1.42 0.00	24.57 1.24 0.00	22.69 1.04 0.00	20.72 0.95 0.00
CRICKET___VALLEY_CC1 323756	19.45 0.82 0.00	17.43 0.77 0.00	16.75 0.76 -0.11	16.05 0.72 0.00	16.01 0.70 0.00	17.40 0.78 0.00	20.89 0.92 -0.74	22.02 1.06 -1.29	22.27 1.14 -0.43	21.94 1.18 0.00	22.17 1.20 0.00	21.96 1.20 0.00	22.11 1.25 -0.05	22.27 1.27 -0.49	23.57 1.33 0.00	24.78 1.41 -0.71	26.94 1.44 -2.30	31.90 1.61 -2.97	31.66 1.62 -2.02	30.06 1.49 -1.85	28.63 1.39 0.00	24.52 1.19 0.00	22.61 0.95 0.00	20.66 0.89 0.00
CRICKET___VALLEY_CC2 323757	19.45 0.82 0.00	17.43 0.77 0.00	16.75 0.76 -0.11	16.05 0.72 0.00	16.01 0.70 0.00	17.40 0.78 0.00	20.89 0.92 -0.74	22.02 1.06 -1.29	22.27 1.14 -0.43	21.94 1.18 0.00	22.17 1.20 0.00	21.96 1.20 0.00	22.11 1.25 -0.05	22.27 1.27 -0.49	23.57 1.33 0.00	24.78 1.41 -0.71	26.94 1.44 -2.30	31.90 1.61 -2.97	31.66 1.62 -2.02	30.06 1.49 -1.85	28.63 1.39 0.00	24.52 1.19 0.00	22.61 0.95 0.00	20.66 0.89 0.00
CRICKET___VALLEY_CC3 323758	19.45 0.82 0.00	17.43 0.77 0.00	16.75 0.76 -0.11	16.05 0.72 0.00	16.01 0.70 0.00	17.40 0.78 0.00	20.89 0.92 -0.74	22.02 1.06 -1.29	22.27 1.14 -0.43	21.94 1.18 0.00	22.17 1.20 0.00	21.96 1.20 0.00	22.11 1.25 -0.05	22.27 1.27 -0.49	23.57 1.33 0.00	24.78 1.41 -0.71	26.94 1.44 -2.30	31.90 1.61 -2.97	31.66 1.62 -2.02	30.06 1.49 -1.85	28.63 1.39 0.00	24.52 1.19 0.00	22.61 0.95 0.00	20.66 0.89 0.00
CRUCIBLE_METL_DRP 24180	18.65 0.02 0.00	16.66 0.00 0.00	15.86 -0.03 -0.01	15.31 -0.02 0.00	15.29 -0.02 0.00	16.59 -0.03 0.00	19.69 0.38 -0.08	20.17 0.37 -0.13	21.08 0.33 -0.04	21.17 0.42 0.00	21.29 0.31 0.00	20.80 0.04 0.00	20.79 -0.02 -0.01	20.56 0.00 -0.05	22.62 0.38 0.00	23.10 0.36 -0.07	23.82 0.39 -0.23	28.11 0.49 -0.30	28.03 -0.17 -0.18	26.74 -0.13 -0.16	27.16 -0.08 0.00	23.22 -0.12 0.00	21.63 -0.02 0.00	19.81 0.04 0.00
DAHOWA___HYDRO 323763	19.89 1.27 0.00	17.80 1.13 0.00	17.12 1.11 -0.13	16.40 1.07 0.00	16.38 1.07 0.00	17.80 1.18 0.00	21.56 1.44 -0.88	24.32 1.49 -3.16	23.45 1.62 -1.13	22.33 1.58 0.00	22.55 1.57 0.00	22.21 1.45 0.00	22.34 1.39 -0.14	22.94 1.40 -1.04	23.75 1.51 0.00	26.12 1.59 -1.87	30.93 1.67 -6.06	37.22 2.08 -7.83	35.39 2.04 -5.33	33.60 2.00 -4.88	29.34 2.10 0.00	25.16 1.82 0.00	23.23 1.58 0.00	21.10 1.32 0.00
DANC___LFGE 323619	18.74 0.11 0.00	16.71 0.05 0.00	15.90 0.02 -0.01	15.36 0.03 0.00	15.35 0.05 0.00	16.70 0.08 0.00	19.76 0.48 -0.05	20.15 0.47 -0.01	21.09 0.39 0.00	21.05 0.29 0.00	21.21 0.23 0.00	20.65 -0.10 0.00	20.68 -0.12 0.00	20.35 -0.16 -0.01	22.49 0.25 0.00	22.89 0.23 0.00	23.43 0.23 0.00	27.73 0.41 0.00	28.02 0.00 0.00	26.87 0.16 0.00	27.54 0.30 0.00	23.61 0.28 0.00	21.93 0.28 0.00	20.01 0.24 0.00
DANSKAMMER___1 23586	19.61 0.99 0.00	17.55 0.88 0.00	16.83 0.84 -0.11	16.11 0.78 0.00	16.07 0.76 0.00	17.47 0.85 0.00	20.99 1.06 -0.70	22.09 1.22 -1.21	22.41 1.31 -0.40	22.10 1.35 0.00	22.36 1.38 0.00	22.13 1.37 0.00	22.27 1.42 -0.05	22.40 1.44 -0.46	23.80 1.56 0.00	24.98 1.65 -0.66	27.09 1.74 -2.15	32.12 2.02 -2.78	31.95 2.04 -1.89	30.28 1.84 -1.73	28.96 1.72 0.00	24.85 1.52 0.00	22.84 1.19 0.00	20.86 1.09 0.00
DANSKAMMER___2 23589	19.61 0.99 0.00	17.55 0.88 0.00	16.83 0.84 -0.11	16.11 0.78 0.00	16.07 0.76 0.00	17.47 0.85 0.00	20.99 1.06 -0.70	22.09 1.22 -1.21	22.41 1.31 -0.40	22.10 1.35 0.00	22.36 1.38 0.00	22.13 1.37 0.00	22.27 1.42 -0.05	22.40 1.44 -0.46	23.80 1.56 0.00	24.98 1.65 -0.66	27.09 1.74 -2.15	32.12 2.02 -2.78	31.95 2.04 -1.89	30.28 1.84 -1.73	28.96 1.72 0.00	24.85 1.52 0.00	22.84 1.19 0.00	20.86 1.09 0.00
DANSKAMMER___3 23590	19.61 0.99 0.00	17.55 0.88 0.00	16.83 0.84 -0.11	16.11 0.78 0.00	16.07 0.76 0.00	17.47 0.85 0.00	20.99 1.06 -0.70	22.09 1.22 -1.21	22.41 1.31 -0.40	22.10 1.35 0.00	22.36 1.38 0.00	22.13 1.37 0.00	22.27 1.42 -0.05	22.40 1.44 -0.46	23.80 1.56 0.00	24.98 1.65 -0.66	27.09 1.74 -2.15	32.12 2.02 -2.78	31.95 2.04 -1.89	30.28 1.84 -1.73	28.96 1.72 0.00	24.85 1.52 0.00	22.84 1.19 0.00	20.86 1.09 0.00
DANSKAMMER___4 23591	19.61 0.99 0.00	17.55 0.88 0.00	16.83 0.84 -0.11	16.11 0.78 0.00	16.07 0.76 0.00	17.47 0.85 0.00	20.99 1.06 -0.70	22.09 1.22 -1.21	22.41 1.31 -0.40	22.10 1.35 0.00	22.36 1.38 0.00	22.13 1.37 0.00	22.27 1.42 -0.05	22.40 1.44 -0.46	23.80 1.56 0.00	24.98 1.65 -0.66	27.09 1.74 -2.15	32.12 2.02 -2.78	31.95 2.04 -1.89	30.28 1.84 -1.73	28.96 1.72 0.00	24.85 1.52 0.00	22.84 1.19 0.00	20.86 1.09 0.00
DANSKAMMER___DIESEL 23592	19.61 0.99 0.00	17.55 0.88 0.00	16.83 0.84 -0.11	16.11 0.78 0.00	16.07 0.77 0.00	17.47 0.85 0.00	20.99 1.06 -0.70	22.09 1.22 -1.21	22.41 1.30 -0.40	22.08 1.33 0.00	22.36 1.38 0.00	22.13 1.37 0.00	22.27 1.42 -0.05	22.40 1.44 -0.46	23.80 1.56 0.00	24.98 1.65 -0.66	27.09 1.74 -2.15	32.09 1.99 -2.78	31.95 2.05 -1.89	30.28 1.84 -1.73	28.95 1.72 0.00	24.85 1.52 0.00	22.84 1.19 0.00	20.86 1.09 0.00
DARBY___SOLAR 323810	19.80 1.17 0.00	17.71 1.05 0.00	17.04 1.03 -0.13	16.34 1.01 0.00	16.32 1.01 0.00	17.73 1.11 0.00	21.46 1.35 -0.88	24.21 1.42 -3.13	23.33 1.51 -1.12	22.25 1.50 0.00	22.47 1.49 0.00	22.15 1.39 0.00	22.32 1.37 -0.14	22.89 1.35 -1.03	23.71 1.47 0.00	26.05 1.54 -1.85	30.79 1.60 -5.99	37.03 1.97 -7.74	35.25 1.96 -5.28	33.44 1.90 -4.83	29.17 1.93 0.00	25.04 1.70 0.00	23.13 1.47 0.00	21.02 1.25 0.00
DASHVILLE___HYD 23610	19.41 0.78 0.00	17.35 0.68 0.00	16.62 0.64 -0.11	15.93 0.60 0.00	15.89 0.58 0.00	17.25 0.63 0.00	20.61 0.65 -0.72	21.77 0.75 -1.36	21.97 0.81 -0.46	21.79 1.04 0.00	21.98 1.01 0.00	21.86 1.10 0.00	21.80 0.94 -0.06	21.98 0.96 -0.50	23.42 1.18 0.00	24.55 1.13 -0.76	26.86 1.21 -2.45	31.83 1.34 -3.17	31.57 1.40 -2.16	29.89 1.20 -1.98	28.46 1.23 0.00	24.45 1.12 0.00	22.50 0.84 0.00	20.64 0.87 0.00

DEERFIELD_69_KV_DEERFIELD LD 355887	29.83 1.60 -9.60	24.61 1.52 -6.43	22.32 1.52 -4.92	21.74 1.46 -4.95	22.08 1.42 -5.35	25.66 1.51 -7.53	28.98 1.87 -7.89	24.08 2.22 -2.19	24.49 2.30 -1.48	23.49 2.16 -0.57	26.30 2.31 -3.01	27.63 2.22 -4.66	28.43 2.48 -5.14	28.56 2.40 -5.65	32.97 2.60 -8.13	36.66 2.79 -11.20	40.99 2.92 -14.86	50.68 3.44 -19.92	52.89 3.47 -21.40	40.00 3.21 -10.09	38.38 3.08 -8.06	37.80 2.57 -11.90	28.34 2.21 -4.47	26.17 1.72 -4.67
DELAWARE___LFGE 323621	19.19 0.56 0.00	17.15 0.48 0.00	16.38 0.46 -0.04	15.77 0.44 0.00	15.75 0.44 0.00	17.10 0.48 0.00	20.13 0.62 -0.29	21.22 0.73 -0.82	21.74 0.75 -0.29	21.52 0.77 0.00	21.75 0.78 0.00	21.52 0.77 0.00	21.59 0.75 -0.04	21.53 0.74 -0.28	23.06 0.82 0.00	24.00 0.86 -0.48	25.66 0.90 -1.55	30.39 1.07 -2.01	30.41 1.04 -1.35	28.97 1.02 -1.24	28.22 0.98 0.00	24.17 0.84 0.00	22.39 0.74 0.00	20.41 0.63 0.00
DERFIELD_115KV_TB7 355931	18.68 0.06 0.00	16.71 0.05 0.00	15.93 0.05 0.00	15.38 0.05 0.00	15.35 0.05 0.00	16.67 0.05 0.00	19.29 0.06 0.00	19.70 0.04 0.00	20.72 0.02 0.00	20.80 0.04 0.00	21.00 0.02 0.00	20.82 0.06 0.00	20.85 0.04 0.00	20.57 0.06 0.00	22.26 0.02 0.00	22.69 0.02 0.00	23.25 0.05 0.00	27.37 0.05 0.00	28.10 0.08 0.00	26.79 0.08 0.00	27.32 0.08 0.00	23.40 0.07 0.00	21.72 0.06 0.00	19.85 0.08 0.00
DOGLEVILLE___HYD 23807	18.38 -0.24 0.00	16.45 -0.22 0.00	15.67 -0.21 0.00	15.11 -0.21 0.00	15.09 -0.21 0.00	16.42 -0.20 0.00	19.02 -0.21 0.00	19.37 -0.29 0.00	20.37 -0.33 0.00	20.34 -0.41 0.00	20.47 -0.50 0.00	20.36 -0.40 0.00	20.44 -0.37 0.00	20.04 -0.47 0.00	21.73 -0.51 0.00	22.12 -0.54 0.00	22.62 -0.58 0.00	26.66 -0.66 0.00	27.43 -0.59 0.00	26.26 -0.45 0.00	26.83 -0.41 0.00	23.10 -0.23 0.00	21.46 -0.20 0.00	19.73 -0.04 0.00
DUNKIRK___115KV_TB_200 55889	18.59 -0.04 0.00	16.60 -0.07 0.00	15.79 -0.11 -0.02	15.31 -0.02 0.00	15.31 0.00 0.00	16.50 -0.12 0.00	19.03 -0.33 -0.13	19.79 -0.10 -0.22	20.59 -0.19 -0.07	20.76 0.00 0.00	21.00 0.02 0.00	20.76 0.00 0.00	20.55 -0.27 -0.01	20.26 -0.33 -0.08	21.95 -0.29 0.00	22.49 -0.29 -0.12	23.51 -0.09 -0.40	27.83 0.00 -0.51	28.02 -0.34 -0.34	26.73 -0.29 -0.31	26.80 -0.44 0.00	23.10 -0.23 0.00	21.87 0.22 0.00	19.73 -0.04 0.00
DUNKIRK___1 23563	18.59 -0.04 0.00	16.60 -0.07 0.00	15.79 -0.11 -0.02	15.31 -0.02 0.00	15.31 0.00 0.00	16.50 -0.12 0.00	19.03 -0.33 -0.13	19.79 -0.10 -0.22	20.59 -0.19 -0.07	20.76 0.00 0.00	21.00 0.02 0.00	20.76 0.00 0.00	20.55 -0.27 -0.01	20.26 -0.33 -0.08	21.95 -0.29 0.00	22.49 -0.29 -0.12	23.51 -0.09 -0.40	27.83 0.00 -0.51	28.02 -0.34 -0.34	26.73 -0.29 -0.31	26.80 -0.44 0.00	23.10 -0.23 0.00	21.87 0.22 0.00	19.73 -0.04 0.00
DUNKIRK___2 23564	18.59 -0.04 0.00	16.60 -0.07 0.00	15.79 -0.11 -0.02	15.31 -0.02 0.00	15.31 0.00 0.00	16.50 -0.12 0.00	19.03 -0.33 -0.13	19.79 -0.10 -0.22	20.59 -0.19 -0.07	20.76 0.00 0.00	21.00 0.02 0.00	20.76 0.00 0.00	20.55 -0.27 -0.01	20.26 -0.33 -0.08	21.95 -0.29 0.00	22.49 -0.29 -0.12	23.51 -0.09 -0.40	27.83 0.00 -0.51	28.02 -0.34 -0.34	26.73 -0.29 -0.31	26.80 -0.44 0.00	23.10 -0.23 0.00	21.87 0.22 0.00	19.73 -0.04 0.00
DUNKIRK___3 23565	18.46 -0.17 0.00	16.50 -0.17 0.00	15.69 -0.21 -0.02	15.22 -0.11 0.00	15.21 -0.09 0.00	16.39 -0.23 0.00	18.90 -0.46 -0.13	19.63 -0.26 -0.22	20.43 -0.35 -0.07	20.57 -0.19 0.00	20.83 -0.15 0.00	20.59 -0.17 0.00	20.40 -0.42 -0.01	20.12 -0.47 -0.08	21.80 -0.44 0.00	22.33 -0.45 -0.12	23.32 -0.28 -0.40	27.61 -0.22 -0.51	27.82 -0.53 -0.34	26.54 -0.48 -0.31	26.61 -0.63 0.00	22.94 -0.40 0.00	21.70 0.04 0.00	19.62 -0.16 0.00
DUNKIRK___4 23566	18.46 -0.17 0.00	16.50 -0.17 0.00	15.69 -0.21 -0.02	15.22 -0.11 0.00	15.21 -0.09 0.00	16.39 -0.23 0.00	18.90 -0.46 -0.13	19.63 -0.26 -0.22	20.43 -0.35 -0.07	20.57 -0.19 0.00	20.83 -0.15 0.00	20.59 -0.17 0.00	20.40 -0.42 -0.01	20.12 -0.47 -0.08	21.80 -0.44 0.00	22.33 -0.45 -0.12	23.32 -0.28 -0.40	27.61 -0.22 -0.51	27.82 -0.53 -0.34	26.54 -0.48 -0.31	26.61 -0.63 0.00	22.94 -0.40 0.00	21.70 0.04 0.00	19.62 -0.16 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	19.65 1.02 0.00	17.60 0.93 0.00	16.89 0.91 -0.11	16.19 0.86 0.00	16.15 0.84 0.00	17.53 0.91 0.00	21.05 1.12 -0.70	22.20 1.34 -1.20	22.55 1.45 -0.40	22.25 1.49 0.00	22.55 1.57 0.00	22.33 1.58 0.00	22.52 1.66 -0.05	22.60 1.64 -0.46	24.02 1.78 0.00	25.16 1.84 -0.66	27.26 1.93 -2.13	32.29 2.21 -2.76	32.10 2.21 -1.87	30.43 2.00 -1.72	29.12 1.88 0.00	24.90 1.56 0.00	22.93 1.28 0.00	20.92 1.15 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	19.48 0.86 0.00	17.43 0.77 0.00	16.71 0.73 -0.10	16.02 0.69 0.00	15.98 0.67 0.00	17.35 0.73 0.00	20.83 0.92 -0.68	21.92 1.08 -1.18	22.25 1.16 -0.39	21.96 1.20 0.00	22.24 1.26 0.00	22.02 1.27 0.00	22.17 1.31 -0.05	22.27 1.31 -0.45	23.66 1.42 0.00	24.80 1.50 -0.64	26.87 1.58 -2.09	31.82 1.80 -2.70	31.70 1.85 -1.84	30.05 1.66 -1.68	28.76 1.53 0.00	24.66 1.33 0.00	22.72 1.06 0.00	20.72 0.95 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	19.88 1.25 0.00	17.82 1.15 -0.01	17.11 1.11 -0.11	16.39 1.06 -0.01	16.35 1.04 -0.01	17.72 1.10 0.00	21.18 1.25 -0.70	22.27 1.40 -1.21	22.54 1.43 -0.41	22.27 1.49 -0.02	22.55 1.55 -0.02	22.37 1.60 -0.02	22.53 1.66 -0.06	22.65 1.68 -0.46	24.06 1.82 0.00	25.23 1.90 -0.66	27.30 1.97 -2.13	32.39 2.29 -2.78	32.15 2.24 -1.89	30.47 2.03 -1.73	29.18 1.93 -0.01	25.06 1.73 0.00	23.16 1.49 -0.01	21.19 1.40 -0.01
E179THST_13_KV_LOAD 356214	19.95 1.32 0.00	17.89 1.22 -0.01	17.17 1.18 -0.11	16.46 1.12 -0.01	16.40 1.09 -0.01	17.78 1.16 0.00	21.26 1.33 -0.70	22.35 1.47 -1.21	22.63 1.51 -0.41	22.37 1.60 -0.02	22.65 1.66 -0.02	22.45 1.68 -0.02	22.63 1.77 -0.06	22.73 1.76 -0.46	24.15 1.91 0.00	25.34 2.02 -0.66	27.42 2.09 -2.13	32.53 2.43 -2.78	32.29 2.38 -1.89	30.61 2.16 -1.73	29.32 2.07 -0.01	25.18 1.84 0.00	23.26 1.60 -0.01	21.26 1.48 -0.01
EAST HAMPTON___GT 23717	30.06 1.83 -9.60	24.81 1.72 -6.43	22.51 1.72 -4.92	21.92 1.64 -4.95	22.27 1.61 -5.35	25.86 1.71 -7.53	29.22 2.10 -7.89	24.36 2.50 -2.19	24.80 2.61 -1.49	24.07 2.74 -0.57	26.63 2.64 -3.01	27.90 2.49 -4.66	28.47 2.52 -5.14	28.86 2.71 -5.65	33.33 2.96 -8.13	36.97 3.11 -11.20	41.36 3.29 -14.86	51.12 3.88 -19.92	53.34 3.92 -21.40	40.40 3.60 -10.09	38.76 3.46 -8.06	38.17 2.94 -11.90	28.68 2.55 -4.47	26.40 1.96 -4.67
EAST RIVER___6 23660	19.65 1.02 0.00	17.63 0.97 0.00	16.95 0.97 -0.11	16.23 0.90 0.00	16.19 0.89 0.00	17.60 0.98 0.00	21.03 1.10 -0.70	22.23 1.36 -1.21	22.57 1.45 -0.41	22.33 1.56 -0.02	22.57 1.57 -0.02	22.33 1.56 -0.02	22.60 1.62 -0.17	23.72 1.68 -1.53	25.49 1.80 -1.45	27.62 1.86 -3.10	28.85 1.92 -3.73	36.67 2.24 -7.11	32.09 2.19 -1.89	30.45 2.00 -1.73	29.12 1.88 -0.01	24.90 1.56 0.00	22.96 1.30 -0.01	20.94 1.17 0.00

EAST_RIVER___7 23524	19.65 1.02 0.00	17.63 0.97 0.00	16.95 0.97 -0.11	16.23 0.90 0.00	16.19 0.89 0.00	17.60 0.98 0.00	21.03 1.10 -0.70	22.23 1.36 -1.21	22.57 1.45 -0.41	22.33 1.56 -0.02	22.57 1.57 -0.02	22.33 1.56 -0.02	22.60 1.62 -0.17	23.72 1.68 -1.53	25.49 1.80 -1.45	27.62 1.86 -3.10	28.85 1.92 -3.73	36.67 2.24 -7.11	32.09 2.19 -1.89	30.45 2.00 -1.73	29.12 1.88 -0.01	24.90 1.56 0.00	22.96 1.30 -0.01	20.94 1.17 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	19.61 0.99 0.00	17.56 0.90 0.00	16.86 0.87 -0.11	16.16 0.83 0.00	16.12 0.81 0.00	17.50 0.88 0.00	21.01 1.08 -0.70	22.14 1.28 -1.20	22.49 1.39 -0.40	22.19 1.43 0.00	22.49 1.51 0.00	22.27 1.52 0.00	22.46 1.60 -0.05	22.54 1.58 -0.45	23.95 1.71 0.00	25.11 1.79 -0.66	27.18 1.86 -2.13	32.20 2.13 -2.75	32.01 2.13 -1.87	30.35 1.92 -1.71	29.04 1.80 0.00	24.83 1.49 0.00	22.87 1.21 0.00	20.88 1.11 0.00
EAST_HAMPTON___DIESEL 23722	30.06 1.83 -9.60	24.81 1.72 -6.43	22.51 1.72 -4.92	21.92 1.64 -4.95	22.27 1.61 -5.35	25.88 1.73 -7.53	29.22 2.10 -7.89	24.36 2.50 -2.19	24.80 2.61 -1.49	24.07 2.74 -0.57	26.63 2.64 -3.01	27.90 2.49 -4.66	28.49 2.54 -5.14	28.86 2.71 -5.65	33.33 2.96 -8.13	36.97 3.11 -11.20	41.36 3.29 -14.86	51.15 3.91 -19.92	53.34 3.92 -21.40	40.40 3.60 -10.09	38.76 3.46 -8.06	38.17 2.94 -11.90	28.68 2.55 -4.47	26.40 1.96 -4.67
EAST_PULASKI___ESR 323781	18.53 -0.09 0.00	16.56 -0.10 0.00	15.76 -0.13 -0.01	15.22 -0.11 0.00	15.21 -0.09 0.00	16.52 -0.10 0.00	19.69 0.40 -0.06	20.07 0.39 -0.01	21.05 0.35 0.00	21.11 0.35 0.00	21.23 0.25 0.00	20.49 -0.27 0.00	20.50 -0.31 0.00	20.21 -0.31 -0.01	22.55 0.31 0.00	22.94 0.27 0.00	23.48 0.28 0.00	27.73 0.41 0.00	27.68 -0.34 0.00	26.47 -0.24 0.00	27.08 -0.16 0.00	23.22 -0.12 0.00	21.59 -0.06 0.00	19.75 -0.02 0.00
EAST_RIVER___1 323558	19.73 1.10 0.00	17.66 1.00 0.00	16.97 0.98 -0.11	16.25 0.92 0.00	16.21 0.90 0.00	17.62 1.00 0.00	21.10 1.17 -0.70	22.29 1.42 -1.21	22.63 1.51 -0.41	22.37 1.60 -0.02	22.63 1.64 -0.02	22.43 1.66 -0.02	22.70 1.73 -0.17	23.76 1.72 -1.53	25.56 1.87 -1.45	27.69 1.93 -3.10	28.94 2.02 -3.73	36.75 2.32 -7.11	32.20 2.30 -1.89	30.55 2.11 -1.73	29.21 1.96 -0.01	24.97 1.63 0.00	23.03 1.37 -0.01	21.02 1.25 0.00
EAST_RIVER___2 323559	19.65 1.02 0.00	17.63 0.97 0.00	16.95 0.97 -0.11	16.23 0.90 0.00	16.19 0.89 0.00	17.60 0.98 0.00	21.03 1.10 -0.70	22.23 1.36 -1.21	22.57 1.45 -0.41	22.33 1.56 -0.02	22.57 1.57 -0.02	22.33 1.56 -0.02	22.60 1.62 -0.17	23.72 1.68 -1.53	25.49 1.80 -1.45	27.62 1.86 -3.10	28.85 1.92 -3.73	36.67 2.24 -7.11	32.09 2.19 -1.89	30.45 2.00 -1.73	29.12 1.88 -0.01	24.90 1.56 0.00	22.96 1.30 -0.01	20.94 1.17 0.00
EAST___DELAWARE_HYD 23607	18.85 0.22 0.00	16.83 0.17 0.00	16.10 0.13 -0.10	15.44 0.11 0.00	15.40 0.09 0.00	16.74 0.12 0.00	20.13 0.27 -0.63	21.38 0.59 -1.13	21.68 0.60 -0.38	21.38 0.62 0.00	21.63 0.65 0.00	21.23 0.48 0.00	21.37 0.52 -0.05	21.65 0.72 -0.42	23.04 0.80 0.00	24.17 0.88 -0.62	26.20 0.97 -2.02	31.08 1.15 -2.61	30.97 1.18 -1.77	29.38 1.04 -1.63	28.14 0.90 0.00	24.15 0.82 0.00	22.20 0.54 0.00	20.09 0.32 0.00
EIGHT_POINT___WT_PWR 323820	18.76 0.13 0.00	16.73 0.07 0.00	15.92 0.02 -0.02	15.42 0.09 0.00	15.40 0.09 0.00	16.65 0.03 0.00	19.32 -0.06 -0.15	19.83 -0.10 -0.27	20.73 -0.06 -0.09	20.71 -0.04 0.00	20.91 -0.06 0.00	20.69 -0.06 0.00	20.61 -0.21 -0.01	20.32 -0.29 -0.10	22.00 -0.24 0.00	22.54 -0.27 -0.15	23.56 -0.12 -0.48	27.96 0.03 -0.62	28.31 -0.11 -0.41	27.11 0.03 -0.37	27.27 0.03 0.00	23.38 0.05 0.00	22.00 0.35 0.00	19.91 0.14 0.00
ELBRIDGE_115KV_TB2 80188	18.55 -0.07 0.00	16.58 -0.08 0.00	15.80 -0.10 -0.01	15.25 -0.08 0.00	15.24 -0.06 0.00	16.52 -0.10 0.00	19.72 0.40 -0.08	20.20 0.39 -0.14	21.12 0.37 -0.05	21.21 0.46 0.00	21.33 0.36 0.00	20.78 0.02 0.00	20.81 0.00 -0.01	20.56 0.00 -0.06	22.64 0.40 0.00	23.12 0.39 -0.08	23.86 0.42 -0.24	28.21 0.57 -0.32	27.99 -0.22 -0.19	26.70 -0.19 -0.18	27.08 -0.16 0.00	23.17 -0.16 0.00	21.59 -0.06 0.00	19.73 -0.04 0.00
ELEC_TRO_TEK 24086	29.50 1.27 -9.60	24.25 1.15 -6.43	21.92 1.13 -4.92	21.35 1.07 -4.95	21.70 1.04 -5.35	25.28 1.13 -7.53	28.48 1.37 -7.89	23.49 1.63 -2.19	23.95 1.76 -1.48	23.05 1.72 -0.57	25.84 1.85 -3.01	27.18 1.76 -4.66	27.84 1.89 -5.14	28.02 1.87 -5.65	32.37 2.00 -8.13	35.95 2.09 -11.20	40.24 2.18 -14.86	49.76 2.51 -19.92	51.94 2.52 -21.40	39.10 2.30 -10.09	37.48 2.18 -8.06	37.05 1.82 -11.90	27.75 1.62 -4.47	25.85 1.40 -4.67
ELLENBURG_WT_PWR 323604	18.78 0.15 0.00	16.73 0.07 0.00	15.90 0.02 0.00	15.33 0.00 0.00	15.32 0.02 0.00	16.65 0.03 0.00	19.27 0.04 0.00	19.78 0.12 0.00	20.85 0.15 0.00	20.80 0.04 0.00	21.04 0.06 0.00	20.65 -0.10 0.00	20.75 -0.06 0.00	20.47 -0.04 0.00	22.29 0.04 0.00	22.78 0.11 0.00	23.25 0.05 0.00	27.46 0.14 0.00	28.27 0.25 0.00	26.95 0.24 0.00	27.73 0.49 0.00	23.71 0.37 0.00	22.06 0.41 0.00	20.01 0.24 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	18.11 -0.52 0.00	16.16 -0.50 0.00	15.37 -0.52 -0.02	14.92 -0.41 0.00	14.91 -0.40 0.00	16.02 -0.60 0.00	18.56 -0.79 -0.12	19.12 -0.75 -0.21	19.88 -0.89 -0.07	20.03 -0.73 0.00	20.20 -0.78 0.00	20.01 -0.75 0.00	19.80 -1.02 -0.01	19.56 -1.03 -0.08	21.15 -1.09 0.00	21.67 -1.11 -0.11	22.61 -0.95 -0.37	26.75 -1.04 -0.47	27.01 -1.32 -0.31	25.77 -1.23 -0.28	25.96 -1.28 0.00	22.35 -0.98 0.00	21.22 -0.43 0.00	19.18 -0.59 0.00
EMPIRE_CC_1 323656	19.26 0.63 0.00	17.28 0.62 0.00	16.64 0.64 -0.13	15.94 0.61 0.00	15.90 0.60 0.00	17.28 0.67 0.00	20.79 0.73 -0.83	22.14 0.77 -1.71	22.13 0.85 -0.58	21.59 0.83 0.00	21.84 0.86 0.00	21.65 0.89 0.00	21.77 0.89 -0.07	22.03 0.90 -0.62	23.15 0.91 0.00	24.55 0.93 -0.96	27.24 0.93 -3.11	32.35 1.01 -4.02	31.79 1.04 -2.74	30.18 0.96 -2.51	28.17 0.93 0.00	24.13 0.79 0.00	22.37 0.71 0.00	20.51 0.73 0.00
EMPIRE_CC_2 323658	19.26 0.63 0.00	17.28 0.62 0.00	16.64 0.64 -0.13	15.94 0.61 0.00	15.90 0.60 0.00	17.28 0.67 0.00	20.79 0.73 -0.83	22.14 0.77 -1.71	22.13 0.85 -0.58	21.59 0.83 0.00	21.84 0.86 0.00	21.65 0.89 0.00	21.77 0.89 -0.07	22.03 0.90 -0.62	23.15 0.91 0.00	24.55 0.93 -0.96	27.24 0.93 -3.11	32.35 1.01 -4.02	31.79 1.04 -2.74	30.18 0.96 -2.51	28.17 0.93 0.00	24.13 0.79 0.00	22.37 0.71 0.00	20.51 0.73 0.00
ENORWICH_115KV_TB1 80156	19.60 0.97 0.00	17.45 0.78 0.00	16.63 0.71 -0.03	16.03 0.71 0.00	16.04 0.73 0.00	17.48 0.86 0.00	20.60 1.15 -0.22	21.33 1.18 -0.48	21.92 1.06 -0.17	21.73 0.98 0.00	21.75 0.78 0.00	21.46 0.71 0.00	21.43 0.60 -0.02	21.25 0.57 -0.17	22.93 0.69 0.00	23.73 0.79 -0.27	25.04 0.95 -0.89	29.75 1.28 -1.15	30.18 1.40 -0.76	29.04 1.63 -0.70	29.06 1.82 0.00	24.90 1.56 0.00	23.06 1.41 0.00	20.96 1.19 0.00

ERIE_ST__34_KV_TB1-2 80199	18.25 -0.37 0.00	16.30 -0.37 0.00	15.47 -0.43 -0.02	15.02 -0.31 0.00	15.00 -0.31 0.00	16.15 -0.47 0.00	18.41 -0.94 -0.12	19.23 -0.65 -0.22	20.03 -0.75 -0.07	20.20 -0.56 0.00	20.41 -0.57 0.00	20.24 -0.52 0.00	20.01 -0.81 -0.01	19.71 -0.88 -0.08	21.44 -0.80 0.00	21.99 -0.79 -0.12	23.00 -0.58 -0.38	27.24 -0.57 -0.49	27.44 -0.90 -0.32	26.18 -0.83 -0.30	26.31 -0.93 0.00	22.63 -0.70 0.00	21.44 -0.22 0.00	19.42 -0.36 0.00
ERIE_WT_PWR 323693	18.22 -0.41 0.00	16.26 -0.40 0.00	15.45 -0.44 -0.02	15.01 -0.32 0.00	14.98 -0.32 0.00	16.12 -0.50 0.00	18.60 -0.75 -0.12	19.09 -0.79 -0.21	20.01 -0.77 -0.07	20.05 -0.71 0.00	20.30 -0.67 0.00	20.13 -0.62 0.00	19.92 -0.89 -0.01	19.64 -0.94 -0.08	21.26 -0.98 0.00	21.81 -0.97 -0.12	22.74 -0.83 -0.38	26.91 -0.90 -0.49	27.19 -1.15 -0.32	25.93 -1.07 -0.29	26.12 -1.12 0.00	22.49 -0.84 0.00	21.33 -0.32 0.00	19.30 -0.47 0.00
ESPRGFLD_115KV_TB1 80157	19.76 1.14 0.00	17.61 0.95 0.00	16.73 0.87 0.02	16.19 0.86 0.00	16.18 0.87 0.00	17.62 1.00 0.00	20.40 1.29 0.12	23.22 1.46 -2.10	22.96 1.45 -0.81	22.15 1.39 0.00	22.38 1.41 0.00	22.08 1.33 0.00	22.22 1.31 -0.10	22.37 1.29 -0.57	23.69 1.45 0.00	25.55 1.54 -1.34	29.18 1.62 -4.36	34.94 1.99 -5.63	33.84 1.99 -3.83	32.23 2.00 -3.51	29.31 2.07 0.00	25.08 1.75 0.00	23.21 1.56 0.00	21.00 1.23 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	18.93 0.30 0.00	16.91 0.25 0.00	16.11 0.21 -0.02	15.54 0.21 0.00	15.53 0.23 0.00	16.85 0.23 0.00	19.79 0.40 -0.16	20.40 0.43 -0.30	21.18 0.37 -0.10	21.17 0.42 0.00	21.31 0.34 0.00	21.03 0.27 0.00	21.05 0.23 -0.01	20.87 0.25 -0.11	22.57 0.33 0.00	23.19 0.36 -0.17	24.18 0.44 -0.54	28.62 0.60 -0.70	28.89 0.42 -0.45	27.60 0.48 -0.41	27.78 0.54 0.00	23.75 0.42 0.00	22.11 0.45 0.00	20.17 0.40 0.00
ETNA____115KV_TB2 80207	18.93 0.30 0.00	16.91 0.25 0.00	16.11 0.21 -0.02	15.54 0.21 0.00	15.53 0.23 0.00	16.85 0.23 0.00	19.79 0.40 -0.16	20.40 0.43 -0.30	21.18 0.37 -0.10	21.17 0.42 0.00	21.31 0.34 0.00	21.03 0.27 0.00	21.05 0.23 -0.01	20.87 0.25 -0.11	22.57 0.33 0.00	23.19 0.36 -0.17	24.18 0.44 -0.54	28.62 0.60 -0.70	28.89 0.42 -0.45	27.60 0.48 -0.41	27.78 0.54 0.00	23.75 0.42 0.00	22.11 0.45 0.00	20.17 0.40 0.00
EUCLID__115KV_TB2 356179	18.44 -0.19 0.00	16.48 -0.18 0.00	15.70 -0.19 -0.01	15.16 -0.17 0.00	15.14 -0.17 0.00	16.42 -0.20 0.00	19.18 -0.12 -0.07	19.57 -0.20 -0.10	20.53 -0.21 -0.03	20.61 -0.15 0.00	20.77 -0.21 0.00	20.51 -0.25 0.00	20.52 -0.29 0.00	20.28 -0.27 -0.04	22.02 -0.22 0.00	22.47 -0.25 -0.06	23.15 -0.23 -0.18	27.31 -0.25 -0.23	27.57 -0.45 0.00	26.31 -0.40 0.00	26.86 -0.38 0.00	22.98 -0.35 0.00	21.42 -0.24 0.00	19.62 -0.16 0.00
E_CANADA_CAP_HY 24051	20.16 1.53 0.00	17.95 1.28 0.00	17.26 1.22 -0.16	16.53 1.20 0.00	16.53 1.22 0.00	17.98 1.36 0.00	22.03 1.73 -1.07	24.34 1.81 -2.87	23.55 1.84 -1.00	22.52 1.76 0.00	22.74 1.76 0.00	22.42 1.66 0.00	22.60 1.67 -0.12	23.14 1.64 -0.99	24.04 1.80 0.00	26.22 1.90 -1.66	30.59 2.02 -5.37	36.77 2.51 -6.94	35.29 2.55 -4.72	33.58 2.54 -4.33	29.85 2.62 0.00	25.60 2.26 0.00	23.62 1.97 0.00	21.36 1.58 0.00
E_CANADA_MHWK_HY 24050	18.38 -0.24 0.00	16.45 -0.22 0.00	15.67 -0.21 0.00	15.11 -0.21 0.00	15.09 -0.21 0.00	16.42 -0.20 0.00	19.02 -0.21 0.00	19.37 -0.29 0.00	20.37 -0.33 0.00	20.34 -0.41 0.00	20.47 -0.50 0.00	20.36 -0.40 0.00	20.44 -0.37 0.00	20.04 -0.47 0.00	21.73 -0.51 0.00	22.12 -0.54 0.00	22.62 -0.58 0.00	26.66 -0.66 0.00	27.43 -0.59 0.00	26.26 -0.45 0.00	26.83 -0.41 0.00	23.10 -0.23 0.00	21.46 -0.20 0.00	19.73 -0.04 0.00
E_FISHKILL__LBMP 23776	19.50 0.88 0.00	17.48 0.82 0.00	16.78 0.79 -0.11	16.08 0.75 0.00	16.04 0.73 0.00	17.42 0.80 0.00	20.93 0.98 -0.72	22.03 1.14 -1.23	22.35 1.24 -0.41	22.02 1.27 0.00	22.30 1.32 0.00	22.08 1.33 0.00	22.27 1.42 -0.05	22.37 1.39 -0.46	23.73 1.49 0.00	24.90 1.56 -0.67	27.00 1.62 -2.17	31.99 1.86 -2.81	31.77 1.85 -1.91	30.14 1.68 -1.75	28.82 1.58 0.00	24.66 1.33 0.00	22.74 1.08 0.00	20.76 0.99 0.00
FALCON__SEABRD_CC1 323796	18.96 0.34 0.00	16.88 0.22 0.00	16.02 0.14 0.00	15.47 0.14 0.00	15.47 0.17 0.00	16.80 0.18 0.00	19.44 0.21 0.00	20.00 0.33 0.00	21.08 0.37 0.00	21.03 0.27 0.00	21.27 0.29 0.00	20.86 0.10 0.00	20.97 0.17 0.00	20.69 0.18 0.00	22.53 0.29 0.00	23.02 0.36 0.00	23.50 0.30 0.00	27.78 0.46 0.00	28.58 0.56 0.00	27.24 0.53 0.00	28.03 0.79 0.00	23.96 0.63 0.00	22.28 0.63 0.00	20.21 0.43 0.00
FALCON__SEABRD_CC2 323797	18.96 0.34 0.00	16.88 0.22 0.00	16.02 0.14 0.00	15.47 0.14 0.00	15.47 0.17 0.00	16.80 0.18 0.00	19.44 0.21 0.00	20.00 0.33 0.00	21.08 0.37 0.00	21.03 0.27 0.00	21.27 0.29 0.00	20.86 0.10 0.00	20.97 0.17 0.00	20.69 0.18 0.00	22.53 0.29 0.00	23.02 0.36 0.00	23.50 0.30 0.00	27.78 0.46 0.00	28.58 0.56 0.00	27.24 0.53 0.00	28.03 0.79 0.00	23.96 0.63 0.00	22.28 0.63 0.00	20.21 0.43 0.00
FAR ROCKAWAY__4 23548	29.76 1.53 -9.60	24.46 1.37 -6.43	22.13 1.33 -4.92	21.54 1.26 -4.95	21.90 1.24 -5.35	25.50 1.35 -7.53	28.72 1.60 -7.89	23.65 1.79 -2.19	24.11 1.93 -1.48	23.30 1.97 -0.57	25.98 1.99 -3.01	27.45 2.03 -4.66	28.03 2.08 -5.14	28.23 2.07 -5.65	32.62 2.25 -8.13	36.25 2.38 -11.20	40.57 2.51 -14.86	49.89 2.65 -19.92	52.08 2.66 -21.40	39.50 2.70 -10.09	37.86 2.56 -8.06	37.33 2.10 -11.90	27.99 1.86 -4.47	26.15 1.70 -4.67
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	19.73 1.10 0.00	17.68 1.02 0.00	16.97 0.98 -0.11	16.26 0.94 0.00	16.22 0.92 0.00	17.62 1.00 0.00	21.12 1.19 -0.70	22.31 1.44 -1.21	22.67 1.55 -0.41	22.39 1.62 -0.02	22.67 1.68 -0.02	22.45 1.68 -0.02	22.74 1.77 -0.17	23.77 1.74 -1.52	25.57 1.89 -1.44	27.72 1.97 -3.09	28.96 2.04 -3.71	36.62 2.35 -6.95	32.23 2.33 -1.89	30.58 2.14 -1.73	29.26 2.02 -0.01	24.99 1.66 0.00	23.05 1.39 -0.01	21.04 1.27 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	19.75 1.12 0.00	17.68 1.02 0.00	16.99 1.00 -0.11	16.26 0.94 0.00	16.22 0.92 0.00	17.62 1.00 0.00	21.12 1.19 -0.70	22.31 1.44 -1.21	22.67 1.55 -0.41	22.39 1.62 -0.02	22.67 1.68 -0.02	22.45 1.68 -0.02	22.74 1.77 -0.17	23.77 1.74 -1.52	25.57 1.89 -1.44	27.72 1.97 -3.09	28.96 2.04 -3.71	36.62 2.35 -6.95	32.26 2.35 -1.89	30.58 2.14 -1.73	29.26 2.02 -0.01	24.99 1.66 0.00	23.05 1.39 -0.01	21.04 1.27 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	19.73 1.10 0.00	17.66 1.00 0.00	16.97 0.98 -0.11	16.25 0.92 0.00	16.21 0.90 0.00	17.60 0.98 0.00	21.12 1.19 -0.70	22.29 1.42 -1.21	22.65 1.53 -0.41	22.37 1.60 -0.02	22.65 1.66 -0.02	22.45 1.68 -0.02	22.72 1.75 -0.17	23.77 1.74 -1.52	25.55 1.87 -1.44	27.70 1.95 -3.09	28.96 2.04 -3.71	36.59 2.32 -6.95	32.23 2.33 -1.89	30.55 2.11 -1.73	29.24 1.99 -0.01	24.97 1.63 0.00	23.05 1.39 -0.01	21.02 1.25 0.00

FARRAGUT___LBMP 323566	19.71 1.08 0.00	17.66 1.00 0.00	16.95 0.97 -0.11	16.25 0.92 0.00	16.21 0.90 0.00	17.60 0.98 0.00	21.10 1.17 -0.70	22.29 1.42 -1.21	22.63 1.51 -0.41	22.35 1.58 -0.02	22.63 1.64 -0.02	22.43 1.66 -0.02	22.70 1.73 -0.17	23.75 1.72 -1.52	25.53 1.85 -1.44	27.68 1.93 -3.09	28.93 2.02 -3.71	36.56 2.29 -6.95	32.20 2.30 -1.89	30.55 2.11 -1.73	29.21 1.96 -0.01	24.97 1.63 0.00	23.03 1.36 -0.01	21.00 1.23 0.00
FENNER___WINDPWR 24204	18.94 0.32 0.00	16.91 0.25 0.00	16.10 0.21 -0.01	15.54 0.21 0.00	15.54 0.23 0.00	16.88 0.27 0.00	19.72 0.40 -0.09	20.21 0.39 -0.15	21.13 0.37 -0.05	21.09 0.33 0.00	21.29 0.32 0.00	21.07 0.31 0.00	21.11 0.29 -0.01	20.81 0.25 -0.05	22.55 0.31 0.00	23.09 0.34 -0.08	23.84 0.37 -0.27	28.15 0.49 -0.34	28.68 0.45 -0.22	27.42 0.51 -0.20	27.78 0.54 0.00	23.80 0.47 0.00	22.09 0.43 0.00	20.19 0.42 0.00
FIBERTEK___ENERGY 23856	18.65 0.02 0.00	16.66 0.00 0.00	15.86 -0.03 -0.01	15.31 -0.02 0.00	15.29 -0.02 0.00	16.59 -0.03 0.00	19.69 0.38 -0.08	20.17 0.37 -0.13	21.08 0.33 -0.04	21.17 0.42 0.00	21.29 0.31 0.00	20.80 0.04 0.00	20.79 -0.02 -0.01	20.56 0.00 -0.05	22.62 0.38 0.00	23.10 0.36 -0.07	23.82 0.39 -0.23	28.11 0.49 -0.30	28.03 -0.17 -0.18	26.74 -0.13 -0.16	27.16 -0.08 0.00	23.22 -0.12 0.00	21.63 -0.02 0.00	19.81 0.04 0.00
FITZPATRICK____ 23598	18.22 -0.41 0.00	16.28 -0.38 0.00	15.52 -0.36 -0.01	14.98 -0.35 0.00	14.95 -0.35 0.00	16.24 -0.38 0.00	18.83 -0.44 -0.04	19.10 -0.57 -0.01	20.08 -0.62 0.00	20.15 -0.60 0.00	20.37 -0.61 0.00	20.15 -0.60 0.00	20.19 -0.62 0.00	19.90 -0.61 -0.01	21.57 -0.67 0.00	21.94 -0.73 0.00	22.48 -0.72 0.00	26.50 -0.82 0.00	27.18 -0.84 0.00	25.91 -0.80 0.00	26.45 -0.79 0.00	22.66 -0.68 0.00	21.09 -0.56 0.00	19.36 -0.42 0.00
FLOWRFLD_69_KV_BK1 356044	29.66 1.43 -9.60	24.41 1.32 -6.43	22.10 1.30 -4.92	21.52 1.24 -4.95	21.87 1.21 -5.35	25.45 1.30 -7.53	28.72 1.60 -7.89	23.82 1.97 -2.19	24.26 2.07 -1.48	23.28 1.95 -0.57	26.11 2.12 -3.01	27.38 1.97 -4.66	28.16 2.21 -5.14	28.29 2.13 -5.65	32.68 2.31 -8.13	36.32 2.45 -11.20	40.57 2.51 -14.86	50.11 2.87 -19.92	52.30 2.89 -21.40	39.52 2.72 -10.09	37.99 2.70 -8.06	37.43 2.19 -11.90	28.05 1.93 -4.47	25.97 1.52 -4.67
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	19.65 1.02 0.00	17.56 0.90 0.00	16.84 0.86 -0.11	16.14 0.81 0.00	16.09 0.78 0.00	17.48 0.86 0.00	21.03 1.10 -0.70	22.14 1.26 -1.21	22.45 1.35 -0.40	22.11 1.35 0.00	22.38 1.41 0.00	22.17 1.41 0.00	22.31 1.46 -0.05	22.42 1.46 -0.46	23.82 1.58 0.00	25.01 1.68 -0.66	27.12 1.76 -2.16	32.15 2.05 -2.79	32.01 2.10 -1.89	30.34 1.90 -1.73	29.01 1.77 0.00	24.90 1.56 0.00	22.89 1.23 0.00	20.88 1.11 0.00
FORT ORANGE____ 23900	19.21 0.58 0.00	17.31 0.65 0.00	16.68 0.67 -0.13	15.97 0.64 0.00	15.92 0.61 0.00	17.30 0.68 0.00	20.75 0.67 -0.85	22.63 0.73 -2.23	22.27 0.79 -0.78	21.54 0.79 0.00	21.75 0.78 0.00	21.54 0.79 0.00	21.67 0.77 -0.09	22.04 0.76 -0.77	23.06 0.82 0.00	24.79 0.84 -1.29	28.23 0.86 -4.17	33.72 1.01 -5.39	32.70 1.01 -3.67	31.04 0.96 -3.37	28.19 0.95 0.00	24.15 0.82 0.00	22.35 0.69 0.00	20.39 0.61 0.00
FORT_DRUM_COGEN 23780	19.04 0.41 0.00	16.95 0.28 0.00	16.12 0.24 -0.01	15.57 0.25 0.00	15.57 0.26 0.00	16.97 0.35 0.00	20.00 0.73 -0.04	20.40 0.73 -0.01	21.32 0.62 0.00	21.23 0.48 0.00	21.29 0.31 0.00	20.88 0.12 0.00	20.89 0.08 0.00	20.56 0.04 -0.01	22.57 0.33 0.00	23.00 0.34 0.00	23.53 0.32 0.00	27.95 0.63 0.00	28.49 0.48 0.00	27.43 0.72 0.00	28.16 0.93 0.00	24.15 0.82 0.00	22.39 0.74 0.00	20.37 0.59 0.00
FPL_FAR_ROCK_GT1 24212	29.76 1.53 -9.60	24.46 1.37 -6.43	22.13 1.33 -4.92	21.54 1.26 -4.95	21.90 1.24 -5.35	25.49 1.35 -7.53	28.71 1.60 -7.89	23.63 1.77 -2.19	24.09 1.90 -1.49	23.34 2.01 -0.57	25.98 1.99 -3.01	27.45 2.04 -4.66	28.01 2.06 -5.14	28.23 2.07 -5.65	32.61 2.25 -8.13	36.25 2.38 -11.20	40.57 2.51 -14.86	49.89 2.65 -19.92	52.08 2.66 -21.40	39.50 2.70 -10.09	37.86 2.56 -8.06	37.33 2.10 -11.90	27.99 1.86 -4.47	26.15 1.70 -4.67
FPL_FAR_ROCK_GT2 23815	29.76 1.53 -9.60	24.46 1.37 -6.43	22.13 1.33 -4.92	21.54 1.26 -4.95	21.90 1.24 -5.35	25.49 1.35 -7.53	28.71 1.60 -7.89	23.63 1.77 -2.19	24.09 1.90 -1.49	23.34 2.01 -0.57	25.98 1.99 -3.01	27.45 2.04 -4.66	28.01 2.06 -5.14	28.23 2.07 -5.65	32.61 2.25 -8.13	36.25 2.38 -11.20	40.57 2.51 -14.86	49.89 2.65 -19.92	52.08 2.66 -21.40	39.50 2.70 -10.09	37.86 2.56 -8.06	37.33 2.10 -11.90	27.99 1.86 -4.47	26.15 1.70 -4.67
FRANKLIN_FALL_HYD 24054	18.87 0.24 0.00	16.80 0.13 0.00	15.96 0.08 0.00	15.39 0.06 0.00	15.40 0.09 0.00	16.75 0.13 0.00	19.38 0.15 0.00	19.90 0.24 0.00	20.99 0.29 0.00	20.90 0.15 0.00	21.17 0.19 0.00	20.82 0.06 0.00	20.93 0.12 0.00	20.57 0.06 0.00	22.40 0.16 0.00	22.87 0.20 0.00	23.27 0.07 0.00	27.48 0.16 0.00	28.30 0.28 0.00	26.95 0.24 0.00	27.78 0.54 0.00	23.75 0.42 0.00	22.09 0.43 0.00	20.05 0.28 0.00
FREEPORT_EQUS_GT1 23764	29.63 1.40 -9.60	24.36 1.27 -6.43	22.02 1.22 -4.92	21.44 1.16 -4.95	21.81 1.15 -5.35	25.40 1.25 -7.53	28.60 1.48 -7.89	23.61 1.75 -2.19	24.05 1.86 -1.49	23.30 1.97 -0.57	25.94 1.95 -3.01	27.30 1.89 -4.66	27.88 1.94 -5.14	28.14 1.99 -5.65	32.50 2.14 -8.13	36.09 2.22 -11.20	40.40 2.34 -14.86	49.97 2.73 -19.92	52.13 2.72 -21.40	39.31 2.51 -10.09	37.69 2.40 -8.06	37.21 1.98 -11.90	27.92 1.80 -4.47	26.01 1.56 -4.67
FREEPORT___CT2 23818	29.63 1.40 -9.60	24.36 1.27 -6.43	22.02 1.22 -4.92	21.44 1.16 -4.95	21.81 1.15 -5.35	25.40 1.25 -7.53	28.60 1.48 -7.89	23.61 1.75 -2.19	24.05 1.86 -1.49	23.30 1.97 -0.57	25.94 1.95 -3.01	27.30 1.89 -4.66	27.88 1.94 -5.14	28.14 1.99 -5.65	32.50 2.14 -8.13	36.09 2.22 -11.20	40.40 2.34 -14.86	49.97 2.73 -19.92	52.13 2.72 -21.40	39.31 2.51 -10.09	37.69 2.40 -8.06	37.21 1.98 -11.90	27.92 1.80 -4.47	26.01 1.56 -4.67
FRESHKLS_33_KV_LOAD 356253	19.84 1.21 0.00	17.75 1.08 -0.01	17.04 1.05 -0.11	16.33 1.00 0.00	16.27 0.96 0.00	17.60 0.98 0.00	21.07 1.13 -0.70	22.21 1.34 -1.21	22.52 1.41 -0.41	22.25 1.47 -0.02	22.57 1.57 -0.02	22.35 1.58 -0.02	22.68 1.71 -0.16	23.72 1.72 -1.49	25.53 1.89 -1.39	27.67 1.99 -3.01	28.95 2.09 -3.67	36.61 2.46 -6.84	32.36 2.44 -1.90	30.63 2.19 -1.73	29.29 2.04 -0.01	25.06 1.73 0.00	23.16 1.49 -0.01	21.15 1.36 -0.01
FULTON COGEN____ 23766	18.46 -0.17 0.00	16.50 -0.17 0.00	15.71 -0.17 -0.01	15.16 -0.17 0.00	15.15 -0.15 0.00	16.44 -0.18 0.00	19.64 0.35 -0.07	20.08 0.31 -0.10	21.03 0.29 -0.03	21.11 0.35 0.00	21.25 0.27 0.00	20.40 -0.35 0.00	20.41 -0.40 0.00	20.15 -0.37 -0.01	22.55 0.31 0.00	23.01 0.29 -0.06	23.71 0.32 -0.18	27.99 0.44 -0.23	27.57 -0.45 0.00	26.31 -0.40 0.00	26.86 -0.38 0.00	22.98 -0.35 0.00	21.42 -0.24 0.00	19.62 -0.16 0.00

FULTON___LFGE 323630	20.69 2.07 0.00	18.40 1.73 0.00	17.68 1.65 -0.15	16.95 1.62 0.00	16.97 1.67 0.00	18.46 1.84 0.00	22.60 2.36 -1.01	24.77 2.04 -3.06	23.79 2.01 -1.08	22.60 1.85 0.00	22.80 1.82 0.00	22.69 1.93 0.00	22.85 1.91 -0.13	23.24 1.70 -1.03	24.13 1.89 0.00	26.42 1.97 -1.79	31.09 2.09 -5.80	37.52 2.71 -7.50	35.92 2.80 -5.11	34.22 2.83 -4.68	30.18 2.94 0.00	25.90 2.57 0.00	23.86 2.21 0.00	21.87 2.10 0.00
G.F.CEMENT___DRP 24184	20.06 1.43 0.00	17.93 1.27 0.00	17.25 1.24 -0.13	16.52 1.20 0.00	16.51 1.21 0.00	17.95 1.33 0.00	21.77 1.65 -0.89	24.61 1.73 -3.21	23.75 1.90 -1.14	22.62 1.87 0.00	22.82 1.85 0.00	22.42 1.66 0.00	22.53 1.58 -0.14	23.12 1.56 -1.05	23.95 1.71 0.00	26.35 1.79 -1.90	31.24 1.88 -6.16	37.69 2.40 -7.97	35.82 2.38 -5.43	34.01 2.32 -4.97	29.64 2.40 0.00	25.43 2.10 0.00	23.47 1.82 0.00	21.28 1.50 0.00
GARDENVILLE___LBMP 24039	18.16 -0.47 0.00	16.21 -0.45 0.00	15.42 -0.48 -0.02	14.96 -0.37 0.00	14.95 -0.35 0.00	16.07 -0.55 0.00	18.56 -0.79 -0.12	19.17 -0.71 -0.21	19.94 -0.83 -0.07	20.09 -0.66 0.00	20.26 -0.71 0.00	20.07 -0.68 0.00	19.86 -0.96 -0.01	19.60 -0.98 -0.08	21.22 -1.02 0.00	21.74 -1.04 -0.12	22.69 -0.88 -0.37	26.87 -0.93 -0.48	27.10 -1.23 -0.32	25.88 -1.12 -0.29	26.07 -1.17 0.00	22.42 -0.91 0.00	21.29 -0.37 0.00	19.24 -0.53 0.00
GARDNVLA_35_KV_LD 355827	18.24 -0.39 0.00	16.28 -0.38 0.00	15.47 -0.43 -0.02	15.02 -0.31 0.00	15.00 -0.31 0.00	16.14 -0.48 0.00	18.62 -0.73 -0.12	19.25 -0.63 -0.21	20.03 -0.75 -0.07	20.17 -0.58 0.00	20.35 -0.63 0.00	20.17 -0.58 0.00	19.94 -0.87 -0.01	19.69 -0.90 -0.08	21.33 -0.91 0.00	21.85 -0.93 -0.12	22.79 -0.79 -0.38	26.98 -0.82 -0.49	27.21 -1.12 -0.32	25.99 -1.02 -0.29	26.18 -1.06 0.00	22.52 -0.82 0.00	21.37 -0.28 0.00	19.32 -0.45 0.00
GELCKHM___115KV_LOAD 80723	18.50 -0.13 0.00	16.53 -0.13 0.00	15.75 -0.14 -0.01	15.21 -0.12 0.00	15.18 -0.12 0.00	16.47 -0.15 0.00	19.36 0.06 -0.07	19.80 0.02 -0.11	20.74 0.00 -0.04	20.80 0.04 0.00	20.98 0.00 0.00	20.61 -0.15 0.00	20.63 -0.19 0.00	20.37 -0.18 -0.04	22.24 0.00 0.00	22.70 -0.02 -0.06	23.40 0.00 -0.20	27.60 0.03 -0.26	27.84 -0.34 -0.16	26.56 -0.29 -0.14	26.97 -0.27 0.00	23.08 -0.26 0.00	21.48 -0.17 0.00	19.67 -0.10 0.00
GENERAL___MILLS 23808	18.20 -0.43 0.00	16.25 -0.42 0.00	15.45 -0.44 -0.02	14.99 -0.34 0.00	14.98 -0.32 0.00	16.10 -0.52 0.00	18.58 -0.77 -0.12	19.21 -0.67 -0.21	19.97 -0.81 -0.07	20.13 -0.62 0.00	20.31 -0.67 0.00	20.11 -0.64 0.00	19.90 -0.92 -0.01	19.65 -0.94 -0.08	21.26 -0.98 0.00	21.78 -1.00 -0.12	22.74 -0.84 -0.38	26.93 -0.87 -0.48	27.16 -1.18 -0.32	25.93 -1.07 -0.29	26.12 -1.12 0.00	22.47 -0.86 0.00	21.33 -0.32 0.00	19.28 -0.49 0.00
GE_PLASTICS___DRP 24183	19.19 0.56 0.00	17.25 0.58 0.00	16.61 0.60 -0.13	15.91 0.58 0.00	15.87 0.57 0.00	17.23 0.61 0.00	20.72 0.63 -0.85	22.43 0.71 -2.06	22.18 0.77 -0.71	21.50 0.75 0.00	21.75 0.78 0.00	21.54 0.79 0.00	21.71 0.81 -0.09	22.01 0.78 -0.72	23.06 0.82 0.00	24.70 0.86 -1.17	27.89 0.88 -3.81	33.23 0.98 -4.92	32.38 1.01 -3.35	30.72 0.93 -3.07	28.14 0.90 0.00	24.10 0.77 0.00	22.33 0.67 0.00	20.37 0.59 0.00
GILBOA___1 23756	19.21 0.58 0.00	17.20 0.53 0.00	16.51 0.52 -0.10	15.83 0.51 0.00	15.80 0.49 0.00	17.17 0.55 0.00	20.54 0.63 -0.68	21.49 0.73 -1.10	21.83 0.77 -0.36	21.56 0.81 0.00	21.79 0.82 0.00	21.59 0.83 0.00	21.71 0.85 -0.04	21.77 0.84 -0.42	23.15 0.91 0.00	24.19 0.93 -0.60	26.11 0.97 -1.94	30.91 1.09 -2.50	30.78 1.06 -1.70	29.26 0.99 -1.56	28.22 0.98 0.00	24.17 0.84 0.00	22.35 0.69 0.00	20.41 0.63 0.00
GILBOA___2 23757	19.21 0.58 0.00	17.20 0.53 0.00	16.51 0.52 -0.10	15.83 0.51 0.00	15.80 0.49 0.00	17.17 0.55 0.00	20.54 0.63 -0.68	21.49 0.73 -1.10	21.83 0.77 -0.36	21.56 0.81 0.00	21.79 0.82 0.00	21.59 0.83 0.00	21.71 0.85 -0.04	21.77 0.84 -0.42	23.15 0.91 0.00	24.19 0.93 -0.60	26.11 0.97 -1.94	30.91 1.09 -2.50	30.78 1.06 -1.70	29.26 0.99 -1.56	28.22 0.98 0.00	24.17 0.84 0.00	22.35 0.69 0.00	20.41 0.63 0.00
GILBOA___3 23758	19.21 0.58 0.00	17.20 0.53 0.00	16.51 0.52 -0.10	15.83 0.51 0.00	15.80 0.49 0.00	17.17 0.55 0.00	20.54 0.63 -0.68	21.49 0.73 -1.10	21.83 0.77 -0.36	21.56 0.81 0.00	21.79 0.82 0.00	21.59 0.83 0.00	21.71 0.85 -0.04	21.77 0.84 -0.42	23.15 0.91 0.00	24.19 0.93 -0.60	26.11 0.97 -1.94	30.91 1.09 -2.50	30.78 1.06 -1.70	29.26 0.99 -1.56	28.22 0.98 0.00	24.17 0.84 0.00	22.35 0.69 0.00	20.41 0.63 0.00
GILBOA___4 23759	19.21 0.58 0.00	17.20 0.53 0.00	16.51 0.52 -0.10	15.83 0.51 0.00	15.80 0.49 0.00	17.17 0.55 0.00	20.54 0.63 -0.68	21.49 0.73 -1.10	21.83 0.77 -0.36	21.56 0.81 0.00	21.79 0.82 0.00	21.59 0.83 0.00	21.71 0.85 -0.04	21.77 0.84 -0.42	23.15 0.91 0.00	24.19 0.93 -0.60	26.11 0.97 -1.94	30.91 1.09 -2.50	30.78 1.06 -1.70	29.26 0.99 -1.56	28.22 0.98 0.00	24.17 0.84 0.00	22.35 0.69 0.00	20.41 0.63 0.00
GILBOA___ 23599	19.20 0.58 0.00	17.20 0.53 0.00	16.51 0.52 -0.10	15.83 0.51 0.00	15.80 0.49 0.00	17.17 0.55 0.00	20.54 0.63 -0.68	21.49 0.73 -1.10	21.83 0.77 -0.36	21.54 0.79 0.00	21.79 0.82 0.00	21.59 0.83 0.00	21.71 0.85 -0.04	21.77 0.84 -0.42	23.15 0.91 0.00	24.19 0.93 -0.60	26.11 0.97 -1.94	30.89 1.07 -2.50	30.78 1.06 -1.70	29.26 0.99 -1.56	28.22 0.98 0.00	24.17 0.84 0.00	22.35 0.69 0.00	20.41 0.63 0.00
GINNA___ 23603	17.42 -1.21 0.00	15.55 -1.12 0.00	14.80 -1.10 -0.01	14.29 -1.04 0.00	14.29 -1.01 0.00	15.47 -1.15 0.00	18.11 -1.21 -0.09	18.57 -1.24 -0.15	19.36 -1.39 -0.05	19.37 -1.39 0.00	19.57 -1.41 0.00	19.39 -1.37 0.00	19.32 -1.50 -0.01	19.07 -1.50 -0.05	20.64 -1.60 0.00	21.16 -1.59 -0.08	21.86 -1.60 -0.26	25.85 -1.80 -0.33	26.30 -1.93 -0.22	25.09 -1.82 -0.20	25.47 -1.77 0.00	21.79 -1.54 0.00	20.44 -1.21 0.00	18.47 -1.31 0.00
GLEN PARK___ 23778	19.11 0.48 0.00	17.01 0.35 0.00	16.17 0.29 -0.01	15.62 0.29 0.00	15.63 0.32 0.00	17.03 0.42 0.00	20.10 0.83 -0.04	20.48 0.81 -0.01	21.41 0.70 0.00	21.25 0.50 0.00	21.37 0.40 0.00	20.96 0.21 0.00	21.02 0.21 0.00	20.60 0.08 -0.01	22.66 0.42 0.00	23.09 0.43 0.00	23.64 0.44 0.00	28.08 0.76 0.00	28.61 0.59 0.00	27.59 0.88 0.00	28.33 1.09 0.00	24.29 0.96 0.00	22.50 0.84 0.00	20.47 0.69 0.00
GLENDALE_27_KV_LOAD 356172	19.86 1.23 0.00	17.79 1.12 -0.01	17.09 1.10 -0.11	16.36 1.03 0.00	16.32 1.01 0.00	17.70 1.08 0.00	21.22 1.29 -0.70	22.39 1.51 -1.21	22.73 1.61 -0.41	22.45 1.68 -0.02	22.73 1.74 -0.02	22.54 1.76 -0.02	22.82 1.85 -0.16	23.86 1.87 -1.49	25.66 2.02 -1.39	27.78 2.11 -3.01	29.07 2.20 -3.67	36.71 2.57 -6.82	32.43 2.52 -1.89	30.71 2.27 -1.73	29.40 2.15 -0.01	25.15 1.82 0.00	23.20 1.54 -0.01	21.19 1.40 -0.01

GLENWOOD_IC_1_G5 23712	29.46 1.23 -9.60	24.21 1.12 -6.43	21.89 1.10 -4.92	21.32 1.04 -4.95	21.67 1.01 -5.35	25.26 1.11 -7.53	28.45 1.33 -7.89	23.43 1.57 -2.19	23.89 1.70 -1.48	23.05 1.72 -0.57	25.81 1.82 -3.01	27.22 1.81 -4.66	27.86 1.91 -5.14	28.05 1.89 -5.65	32.42 2.05 -8.13	35.93 2.06 -11.20	40.13 2.06 -14.86	49.62 2.38 -19.92	51.80 2.38 -21.40	38.96 2.16 -10.09	37.31 2.02 -8.06	37.08 1.84 -11.90	27.69 1.56 -4.47	25.83 1.38 -4.67
GLENWOOD_IC_2_G1 23688	29.39 1.16 -9.60	24.15 1.05 -6.43	21.81 1.02 -4.92	21.25 0.97 -4.95	21.61 0.95 -5.35	25.18 1.03 -7.53	28.37 1.25 -7.89	23.33 1.48 -2.19	23.76 1.57 -1.49	23.01 1.68 -0.57	25.71 1.72 -3.01	27.11 1.70 -4.66	27.70 1.75 -5.14	27.94 1.78 -5.65	32.28 1.91 -8.13	35.86 1.99 -11.20	40.13 2.06 -14.86	49.62 2.38 -19.92	51.80 2.38 -21.40	38.96 2.16 -10.09	37.34 2.04 -8.06	36.96 1.73 -11.90	27.58 1.45 -4.47	25.73 1.28 -4.67
GLENWOOD_IC_3_G1 23689	29.39 1.16 -9.60	24.15 1.05 -6.43	21.81 1.02 -4.92	21.25 0.97 -4.95	21.61 0.95 -5.35	25.18 1.03 -7.53	28.37 1.25 -7.89	23.33 1.48 -2.19	23.76 1.57 -1.49	23.01 1.68 -0.57	25.71 1.72 -3.01	27.11 1.70 -4.66	27.70 1.75 -5.14	27.94 1.78 -5.65	32.28 1.91 -8.13	35.86 1.99 -11.20	40.13 2.06 -14.86	49.62 2.38 -19.92	51.80 2.38 -21.40	38.96 2.16 -10.09	37.34 2.04 -8.06	36.96 1.73 -11.90	27.58 1.45 -4.47	25.73 1.28 -4.67
GLENWOOD___4 23550	29.46 1.23 -9.60	24.21 1.12 -6.43	21.89 1.10 -4.92	21.32 1.04 -4.95	21.67 1.01 -5.35	25.26 1.11 -7.53	28.45 1.33 -7.89	23.43 1.57 -2.19	23.89 1.70 -1.48	23.05 1.72 -0.57	25.81 1.82 -3.01	27.22 1.81 -4.66	27.86 1.91 -5.14	28.05 1.89 -5.65	32.42 2.05 -8.13	35.95 2.09 -11.20	40.20 2.13 -14.86	49.70 2.46 -19.92	51.85 2.44 -21.40	39.04 2.24 -10.09	37.40 2.10 -8.06	37.08 1.84 -11.90	27.69 1.56 -4.47	25.83 1.38 -4.67
GLENWOOD___5 23614	29.46 1.23 -9.60	24.21 1.12 -6.43	21.89 1.10 -4.92	21.32 1.04 -4.95	21.67 1.01 -5.35	25.26 1.11 -7.53	28.45 1.33 -7.89	23.43 1.57 -2.19	23.89 1.70 -1.48	23.05 1.72 -0.57	25.81 1.82 -3.01	27.22 1.81 -4.66	27.86 1.91 -5.14	28.05 1.89 -5.65	32.42 2.05 -8.13	35.95 2.09 -11.20	40.20 2.13 -14.86	49.70 2.46 -19.92	51.85 2.44 -21.40	39.04 2.24 -10.09	37.40 2.10 -8.06	37.08 1.84 -11.90	27.69 1.56 -4.47	25.83 1.38 -4.67
GLOBAL GREEN_PORT_GT1 23814	30.02 1.79 -9.60	24.78 1.68 -6.43	22.48 1.68 -4.92	21.89 1.61 -4.95	22.22 1.56 -5.35	25.83 1.68 -7.53	29.18 2.06 -7.89	24.30 2.44 -2.19	24.73 2.55 -1.49	23.99 2.66 -0.57	26.55 2.56 -3.01	27.86 2.45 -4.66	28.45 2.50 -5.14	28.82 2.66 -5.65	33.26 2.89 -8.13	36.93 3.06 -11.20	41.31 3.25 -14.86	51.10 3.85 -19.92	53.28 3.87 -21.40	40.35 3.55 -10.09	38.70 3.40 -8.06	38.10 2.87 -11.90	28.62 2.49 -4.47	26.36 1.92 -4.67
GLOBE___DSASP 323697	17.51 -1.12 0.00	15.63 -1.03 0.00	14.98 -0.92 -0.02	14.44 -0.89 0.00	14.43 -0.87 0.00	15.49 -1.13 0.00	18.07 -1.25 -0.09	18.48 -1.38 -0.19	19.19 -1.57 -0.06	19.32 -1.43 0.00	19.47 -1.51 0.00	19.30 -1.45 0.00	19.07 -1.75 -0.01	18.90 -1.68 -0.07	20.37 -1.87 0.00	20.87 -1.90 -0.11	21.76 -1.79 -0.34	25.71 -2.05 -0.44	25.98 -2.33 -0.29	24.81 -2.16 -0.26	25.03 -2.21 0.00	21.58 -1.75 0.00	20.55 -1.10 0.00	18.53 -1.25 0.00
GOETHSLN___LBMP 323567	19.67 1.04 0.00	17.61 0.95 0.00	16.92 0.94 -0.11	16.20 0.87 0.00	16.16 0.86 0.00	17.57 0.95 0.00	21.05 1.12 -0.70	22.21 1.34 -1.21	22.59 1.47 -0.41	22.33 1.56 -0.02	22.59 1.59 -0.02	22.39 1.62 -0.02	22.66 1.69 -0.17	23.71 1.68 -1.52	25.50 1.82 -1.44	27.63 1.88 -3.09	28.89 1.97 -3.71	36.51 2.24 -6.95	32.15 2.24 -1.89	30.47 2.03 -1.73	29.13 1.88 -0.01	24.87 1.54 0.00	22.94 1.28 -0.01	20.96 1.19 0.00
GOLAH___69_KV_TB 1_2 80279	18.52 -0.11 0.00	16.56 -0.10 0.00	15.73 -0.16 -0.01	15.18 -0.15 0.00	15.20 -0.11 0.00	16.45 -0.17 0.00	19.22 -0.10 -0.09	19.64 -0.18 -0.15	20.44 -0.31 -0.05	20.59 -0.17 0.00	20.73 -0.25 0.00	20.63 -0.12 0.00	20.42 -0.40 -0.01	20.16 -0.41 -0.06	21.82 -0.42 0.00	22.38 -0.36 -0.08	22.94 -0.53 -0.27	27.18 -0.49 -0.35	27.60 -0.64 -0.23	26.36 -0.56 -0.21	26.72 -0.52 0.00	22.94 -0.40 0.00	21.61 -0.04 0.00	19.64 -0.14 0.00
GOODYEAR_LAKE_HYD 323669	19.37 0.75 0.00	17.30 0.63 0.00	16.49 0.59 -0.03	15.90 0.57 0.00	15.89 0.58 0.00	17.28 0.66 0.00	20.26 0.87 -0.17	21.88 1.00 -1.21	22.16 1.01 -0.45	21.77 1.02 0.00	21.98 1.01 0.00	21.73 0.98 0.00	21.82 0.96 -0.05	21.82 0.94 -0.37	23.29 1.05 0.00	24.51 1.11 -0.74	26.78 1.18 -2.40	31.81 1.39 -3.10	31.52 1.40 -2.10	30.02 1.39 -1.92	28.63 1.39 0.00	24.52 1.19 0.00	22.69 1.04 0.00	20.62 0.85 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	18.81 0.19 0.00	16.81 0.15 0.00	16.02 0.11 -0.03	15.47 0.14 0.00	15.44 0.14 0.00	16.75 0.13 0.00	19.59 0.13 -0.23	20.29 0.20 -0.43	21.03 0.19 -0.14	21.03 0.27 0.00	21.23 0.25 0.00	21.00 0.25 0.00	21.03 0.21 -0.02	20.87 0.21 -0.16	22.49 0.24 0.00	23.15 0.25 -0.24	24.30 0.32 -0.77	28.73 0.41 -1.00	28.95 0.28 -0.66	27.61 0.29 -0.60	27.48 0.25 0.00	23.54 0.21 0.00	21.96 0.30 0.00	20.01 0.24 0.00
GOUDEY___7 23579	18.83 0.20 0.00	16.81 0.15 0.00	16.04 0.13 -0.03	15.48 0.15 0.00	15.46 0.15 0.00	16.75 0.13 0.00	19.61 0.15 -0.23	20.31 0.22 -0.43	21.05 0.21 -0.14	21.05 0.29 0.00	21.25 0.27 0.00	21.03 0.27 0.00	21.06 0.23 -0.02	20.89 0.23 -0.16	22.51 0.27 0.00	23.17 0.27 -0.24	24.32 0.35 -0.77	28.75 0.44 -1.00	28.98 0.31 -0.66	27.63 0.32 -0.60	27.51 0.27 0.00	23.57 0.23 0.00	21.98 0.32 0.00	20.03 0.26 0.00
GOUDEY___8 23580	18.81 0.19 0.00	16.81 0.15 0.00	16.02 0.11 -0.03	15.47 0.14 0.00	15.44 0.14 0.00	16.75 0.13 0.00	19.59 0.13 -0.23	20.29 0.20 -0.43	21.03 0.19 -0.14	21.03 0.27 0.00	21.23 0.25 0.00	21.00 0.25 0.00	21.03 0.21 -0.02	20.87 0.21 -0.16	22.49 0.24 0.00	23.15 0.25 -0.24	24.30 0.32 -0.77	28.73 0.41 -1.00	28.95 0.28 -0.66	27.61 0.29 -0.60	27.48 0.25 0.00	23.54 0.21 0.00	21.96 0.30 0.00	20.01 0.24 0.00
GOWANUS_GT1_1 24077	19.88 1.25 0.00	17.79 1.12 -0.01	17.09 1.10 -0.11	16.36 1.03 0.00	16.32 1.01 0.00	17.65 1.03 0.00	21.14 1.21 -0.70	22.31 1.44 -1.21	22.63 1.51 -0.41	22.37 1.60 -0.02	22.67 1.68 -0.02	22.47 1.70 -0.02	22.76 1.79 -0.16	23.80 1.80 -1.49	25.59 1.96 -1.39	27.74 2.06 -3.01	29.02 2.16 -3.67	36.70 2.54 -6.84	32.41 2.49 -1.90	30.69 2.24 -1.73	29.34 2.10 -0.01	25.11 1.77 0.00	23.20 1.54 -0.01	21.19 1.40 -0.01
GOWANUS_GT1_2 24078	19.88 1.25 0.00	17.79 1.12 -0.01	17.09 1.10 -0.11	16.36 1.03 0.00	16.32 1.01 0.00	17.65 1.03 0.00	21.14 1.21 -0.70	22.31 1.44 -1.21	22.63 1.51 -0.41	22.37 1.60 -0.02	22.67 1.68 -0.02	22.47 1.70 -0.02	22.76 1.79 -0.16	23.80 1.80 -1.49	25.59 1.96 -1.39	27.74 2.06 -3.01	29.02 2.16 -3.67	36.70 2.54 -6.84	32.41 2.49 -1.90	30.69 2.24 -1.73	29.34 2.10 -0.01	25.11 1.77 0.00	23.20 1.54 -0.01	21.19 1.40 -0.01

GOWANUS_GT1_3 24079	19.88	17.79	17.09	16.36	16.32	17.65	21.14	22.31	22.63	22.37	22.67	22.47	22.76	23.80	25.59	27.74	29.02	36.70	32.41	30.69	29.34	25.11	23.20	21.19
	1.25	1.12	1.10	1.03	1.01	1.03	1.21	1.44	1.51	1.60	1.68	1.70	1.79	1.80	1.96	2.06	2.16	2.54	2.49	2.24	2.10	1.77	1.54	1.40
	0.00	-0.01	-0.11	0.00	0.00	0.00	-0.70	-1.21	-0.41	-0.02	-0.02	-0.02	-0.16	-1.49	-1.39	-3.01	-3.67	-6.84	-1.90	-1.73	-0.01	0.00	-0.01	-0.01
GOWANUS_GT1_4 24080	19.88	17.79	17.09	16.36	16.32	17.65	21.14	22.31	22.63	22.37	22.67	22.47	22.76	23.80	25.59	27.74	29.02	36.70	32.41	30.69	29.34	25.11	23.20	21.19
	1.25	1.12	1.10	1.03	1.01	1.03	1.21	1.44	1.51	1.60	1.68	1.70	1.79	1.80	1.96	2.06	2.16	2.54	2.49	2.24	2.10	1.77	1.54	1.40
	0.00	-0.01	-0.11	0.00	0.00	0.00	-0.70	-1.21	-0.41	-0.02	-0.02	-0.02	-0.16	-1.49	-1.39	-3.01	-3.67	-6.84	-1.90	-1.73	-0.01	0.00	-0.01	-0.01
GOWANUS_GT1_5 24084	19.88	17.79	17.09	16.36	16.32	17.65	21.14	22.31	22.63	22.37	22.67	22.47	22.76	23.80	25.59	27.74	29.02	36.70	32.41	30.69	29.34	25.11	23.20	21.19
	1.25	1.12	1.10	1.03	1.01	1.03	1.21	1.44	1.51	1.60	1.68	1.70	1.79	1.80	1.96	2.06	2.16	2.54	2.49	2.24	2.10	1.77	1.54	1.40
	0.00	-0.01	-0.11	0.00	0.00	0.00	-0.70	-1.21	-0.41	-0.02	-0.02	-0.02	-0.16	-1.49	-1.39	-3.01	-3.67	-6.84	-1.90	-1.73	-0.01	0.00	-0.01	-0.01
GOWANUS_GT1_6 24111	19.88	17.79	17.09	16.36	16.32	17.65	21.14	22.31	22.63	22.37	22.67	22.47	22.76	23.80	25.59	27.74	29.02	36.70	32.41	30.69	29.34	25.11	23.20	21.19
	1.25	1.12	1.10	1.03	1.01	1.03	1.21	1.44	1.51	1.60	1.68	1.70	1.79	1.80	1.96	2.06	2.16	2.54	2.49	2.24	2.10	1.77	1.54	1.40
	0.00	-0.01	-0.11	0.00	0.00	0.00	-0.70	-1.21	-0.41	-0.02	-0.02	-0.02	-0.16	-1.49	-1.39	-3.01	-3.67	-6.84	-1.90	-1.73	-0.01	0.00	-0.01	-0.01
GOWANUS_GT1_7 24112	19.88	17.79	17.09	16.36	16.32	17.65	21.14	22.31	22.63	22.37	22.67	22.47	22.76	23.80	25.59	27.74	29.02	36.70	32.41	30.69	29.34	25.11	23.20	21.19
	1.25	1.12	1.10	1.03	1.01	1.03	1.21	1.44	1.51	1.60	1.68	1.70	1.79	1.80	1.96	2.06	2.16	2.54	2.49	2.24	2.10	1.77	1.54	1.40
	0.00	-0.01	-0.11	0.00	0.00	0.00	-0.70	-1.21	-0.41	-0.02	-0.02	-0.02	-0.16	-1.49	-1.39	-3.01	-3.67	-6.84	-1.90	-1.73	-0.01	0.00	-0.01	-0.01
GOWANUS_GT1_8 24113	19.88	17.79	17.09	16.36	16.32	17.65	21.14	22.31	22.63	22.37	22.67	22.47	22.76	23.80	25.59	27.74	29.02	36.70	32.41	30.69	29.34	25.11	23.20	21.19
	1.25	1.12	1.10	1.03	1.01	1.03	1.21	1.44	1.51	1.60	1.68	1.70	1.79	1.80	1.96	2.06	2.16	2.54	2.49	2.24	2.10	1.77	1.54	1.40
	0.00	-0.01	-0.11	0.00	0.00	0.00	-0.70	-1.21</																

GREENBSH_115KV_TB3 55895	19.13 0.50 0.00	17.25 0.58 0.00	16.63 0.62 -0.13	15.93 0.60 0.00	15.87 0.57 0.00	17.23 0.61 0.00	20.68 0.60 -0.86	22.59 0.65 -2.28	22.20 0.70 -0.79	21.44 0.68 0.00	21.69 0.71 0.00	21.50 0.75 0.00	21.65 0.75 -0.10	22.01 0.72 -0.79	23.00 0.76 0.00	24.75 0.77 -1.31	28.25 0.79 -4.26	33.73 0.90 -5.51	32.66 0.90 -3.75	30.98 0.83 -3.44	28.06 0.82 0.00	24.03 0.70 0.00	22.24 0.58 0.00	20.31 0.53 0.00
GREENDGE_115KV_TB5 80291	18.63 0.00 0.00	16.63 -0.03 0.00	15.82 -0.08 -0.02	15.30 -0.03 0.00	15.29 -0.02 0.00	16.57 -0.05 0.00	19.39 0.02 -0.14	19.96 0.04 -0.26	20.75 -0.04 -0.09	20.86 0.10 0.00	20.98 0.00 0.00	20.74 -0.02 0.00	20.67 -0.15 -0.01	20.46 -0.14 -0.10	22.20 -0.04 0.00	22.76 -0.05 -0.14	23.73 0.07 -0.46	28.10 0.19 -0.59	28.37 -0.03 -0.39	27.12 0.05 -0.35	27.29 0.05 0.00	23.36 0.02 0.00	21.85 0.19 0.00	19.83 0.06 0.00
GREENIDGE___3 23582	18.63 0.00 0.00	16.63 -0.03 0.00	15.82 -0.08 -0.02	15.30 -0.03 0.00	15.29 -0.02 0.00	16.57 -0.05 0.00	19.39 0.02 -0.14	19.96 0.04 -0.26	20.75 -0.04 -0.09	20.86 0.10 0.00	20.98 0.00 0.00	20.74 -0.02 0.00	20.67 -0.15 -0.01	20.46 -0.14 -0.10	22.20 -0.04 0.00	22.76 -0.05 -0.14	23.73 0.07 -0.46	28.10 0.19 -0.59	28.37 -0.03 -0.39	27.12 0.05 -0.35	27.29 0.05 0.00	23.36 0.02 0.00	21.85 0.19 0.00	19.83 0.06 0.00
GREENIDGE___4 23583	18.63 0.00 0.00	16.63 -0.03 0.00	15.82 -0.08 -0.02	15.30 -0.03 0.00	15.29 -0.02 0.00	16.57 -0.05 0.00	19.39 0.02 -0.14	19.92 0.00 -0.26	20.75 -0.04 -0.09	20.76 0.00 0.00	20.98 0.00 0.00	20.76 0.00 0.00	20.74 -0.08 -0.01	20.46 -0.14 -0.09	22.20 -0.04 0.00	22.76 -0.05 -0.14	23.73 0.07 -0.46	28.10 0.19 -0.59	28.37 -0.03 -0.39	27.12 0.05 -0.35	27.29 0.05 0.00	23.36 0.02 0.00	21.85 0.19 0.00	19.83 0.06 0.00
GREENLWN_69_KV_BK 3 55738	29.50 1.27 -9.60	24.25 1.15 -6.43	21.92 1.13 -4.92	21.34 1.06 -4.95	21.70 1.04 -5.35	25.28 1.13 -7.53	28.48 1.37 -7.89	23.51 1.65 -2.19	23.97 1.78 -1.48	23.09 1.76 -0.57	25.77 1.78 -3.01	27.07 1.66 -4.66	27.70 1.75 -5.14	27.86 1.70 -5.65	32.19 1.82 -8.13	35.79 1.93 -11.20	40.11 2.04 -14.86	49.59 2.35 -19.92	51.74 2.33 -21.40	38.94 2.14 -10.09	37.31 2.02 -8.06	36.87 1.63 -11.90	27.56 1.43 -4.47	25.79 1.34 -4.67
GREENWD_138_KV_38B11_REV_LBMP_J 345004	19.88 1.25 0.00	17.79 1.12 -0.01	17.09 1.10 -0.11	16.36 1.03 0.00	16.32 1.01 0.00	17.65 1.03 0.00	21.14 1.21 -0.70	22.31 1.44 -1.21	22.63 1.51 -0.41	22.37 1.60 -0.02	22.67 1.68 -0.02	22.47 1.70 -0.02	22.76 1.79 -0.16	23.80 1.80 -1.49	25.59 1.96 -1.39	27.74 2.06 -3.01	29.02 2.16 -3.67	36.70 2.54 -6.84	32.41 2.49 -1.90	30.69 2.24 -1.73	29.34 2.10 -0.01	25.11 1.77 0.00	23.20 1.54 -0.01	21.19 1.40 -0.01
GRISSOM___SOLAR 323813	20.69 2.07 0.00	18.40 1.73 0.00	17.68 1.65 -0.15	16.95 1.62 0.00	16.97 1.67 0.00	18.46 1.84 0.00	22.60 2.36 -1.01	24.77 2.04 -3.06	23.79 2.01 -1.08	22.60 1.85 0.00	22.80 1.82 0.00	22.69 1.93 0.00	22.85 1.91 -0.13	23.24 1.70 -1.03	24.13 1.89 0.00	26.42 1.97 -1.79	31.09 2.09 -5.80	37.52 2.71 -7.50	35.92 2.80 -5.11	34.22 2.83 -4.68	30.18 2.94 0.00	25.90 2.57 0.00	23.86 2.21 0.00	21.87 2.10 0.00
GROVEVILLE___HYD 323602	19.65 1.02 0.00	17.56 0.90 0.00	16.84 0.86 -0.11	16.14 0.81 0.00	16.09 0.78 0.00	17.48 0.86 0.00	21.03 1.10 -0.70	22.14 1.26 -1.21	22.45 1.35 -0.40	22.11 1.35 0.00	22.38 1.41 0.00	22.17 1.41 0.00	22.31 1.46 -0.05	22.42 1.46 -0.46	23.82 1.58 0.00	25.01 1.68 -0.66	27.12 1.76 -2.16	32.15 2.05 -2.79	32.01 2.10 -1.89	30.34 1.90 -1.73	29.01 1.77 0.00	24.90 1.56 0.00	22.89 1.23 0.00	20.88 1.11 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	18.65 0.02 0.00	16.66 0.00 0.00	15.86 -0.03 -0.01	15.31 -0.02 0.00	15.29 -0.02 0.00	16.59 -0.03 0.00	19.69 0.38 -0.08	20.17 0.37 -0.13	21.08 0.33 -0.04	21.17 0.42 0.00	21.29 0.31 0.00	20.80 0.04 0.00	20.79 -0.02 -0.01	20.56 0.00 -0.05	22.62 0.38 0.00	23.10 0.36 -0.07	23.82 0.39 -0.23	28.11 0.49 -0.30	28.03 -0.17 -0.18	26.74 -0.13 -0.16	27.16 -0.08 0.00	23.22 -0.12 0.00	21.63 -0.02 0.00	19.81 0.04 0.00
HAMLTNNY_34_KV_TB 80303	18.65 0.02 0.00	16.66 0.00 0.00	15.86 -0.03 -0.01	15.31 -0.02 0.00	15.31 0.00 0.00	16.60 -0.02 0.00	19.78 0.46 -0.08	20.27 0.47 -0.14	21.20 0.46 -0.05	21.30 0.54 0.00	21.42 0.44 0.00	20.88 0.12 0.00	20.90 0.08 -0.01	20.67 0.10 -0.06	22.73 0.49 0.00	23.24 0.50 -0.08	23.98 0.53 -0.25	28.32 0.68 -0.32	28.13 -0.08 -0.19	26.84 -0.05 -0.18	27.24 0.00 0.00	23.29 -0.05 0.00	21.70 0.04 0.00	19.81 0.04 0.00
HAMPSHIRE___PAPER_HYD 323593	18.81 0.19 0.00	16.78 0.12 0.00	15.96 0.08 0.00	15.42 0.09 0.00	15.41 0.11 0.00	16.78 0.17 0.00	19.56 0.31 -0.02	20.00 0.33 0.00	21.01 0.31 0.00	20.88 0.13 0.00	21.04 0.06 0.00	20.69 -0.06 0.00	20.77 -0.04 0.00	20.43 -0.08 0.00	22.26 0.02 0.00	22.66 0.00 0.00	23.01 -0.19 0.00	27.29 -0.03 0.00	27.96 -0.06 0.00	26.79 0.08 0.00	27.62 0.38 0.00	23.71 0.37 0.00	22.02 0.37 0.00	20.03 0.26 0.00
HARDSCRABBLE_WT_PWR 323673	18.40 -0.22 0.00	16.46 -0.20 0.00	15.69 -0.19 0.00	15.13 -0.20 0.00	15.11 -0.20 0.00	16.42 -0.20 0.00	19.04 -0.19 0.00	19.41 -0.26 0.00	20.41 -0.29 0.00	20.38 -0.37 0.00	20.50 -0.48 0.00	20.36 -0.40 0.00	20.44 -0.37 0.00	20.04 -0.47 0.00	21.73 -0.51 0.00	22.14 -0.52 0.00	22.64 -0.56 0.00	26.69 -0.63 0.00	27.46 -0.56 0.00	26.28 -0.43 0.00	26.88 -0.35 0.00	23.15 -0.19 0.00	21.50 -0.15 0.00	19.77 0.00 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	19.52 0.89 0.00	17.46 0.80 0.00	16.74 0.76 -0.10	16.05 0.72 0.00	16.01 0.70 0.00	17.40 0.78 0.00	20.87 0.98 -0.66	21.91 1.12 -1.13	22.30 1.22 -0.37	22.04 1.29 0.00	22.32 1.34 0.00	22.13 1.37 0.00	22.25 1.39 -0.05	22.33 1.39 -0.43	23.75 1.51 0.00	24.89 1.61 -0.62	26.90 1.69 -2.00	31.84 1.94 -2.59	31.73 1.96 -1.76	30.06 1.74 -1.61	28.82 1.58 0.00	24.71 1.38 0.00	22.76 1.10 0.00	20.78 1.01 0.00
HARSNRAD_115KV_TB1 81005	17.92 -0.71 0.00	16.00 -0.67 0.00	15.18 -0.71 -0.02	14.79 -0.54 0.00	14.77 -0.54 0.00	15.85 -0.76 0.00	18.40 -0.94 -0.11	18.87 -0.98 -0.19	19.61 -1.16 -0.06	19.74 -1.02 0.00	19.89 -1.09 0.00	19.72 -1.04 0.00	19.49 -1.33 -0.01	19.27 -1.31 -0.07	20.79 -1.45 0.00	21.32 -1.45 -0.11	22.26 -1.28 -0.34	26.36 -1.39 -0.43	26.62 -1.68 -0.28	25.42 -1.55 -0.26	25.69 -1.55 0.00	22.10 -1.24 0.00	21.00 -0.65 0.00	18.96 -0.81 0.00
HARZA MOOSE___RIVER 24016	19.02 0.39 0.00	16.96 0.30 0.00	16.15 0.27 0.00	15.59 0.26 0.00	15.58 0.28 0.00	16.97 0.35 0.00	19.80 0.54 -0.03	20.20 0.53 -0.01	21.18 0.48 0.00	21.13 0.37 0.00	21.21 0.23 0.00	20.96 0.21 0.00	20.93 0.12 0.00	20.64 0.12 -0.01	22.46 0.22 0.00	22.89 0.23 0.00	23.43 0.23 0.00	27.81 0.49 0.00	28.52 0.50 0.00	27.32 0.61 0.00	27.97 0.74 0.00	23.96 0.63 0.00	22.22 0.56 0.00	20.29 0.51 0.00

HDSNBRDG_115KV_BRDG_TB1 355580	18.52 -0.11 0.00	16.55 -0.12 0.00	15.75 -0.14 -0.01	15.21 -0.12 0.00	15.20 -0.11 0.00	16.49 -0.13 0.00	19.26 -0.04 -0.07	19.68 -0.10 -0.12	20.64 -0.10 -0.04	20.71 -0.04 0.00	20.89 -0.08 0.00	20.63 -0.12 0.00	20.65 -0.17 0.00	20.41 -0.14 -0.04	22.15 -0.09 0.00	22.61 -0.11 -0.06	23.31 -0.09 -0.20	27.50 -0.08 -0.26	27.87 -0.31 -0.16	26.59 -0.27 -0.14	26.99 -0.25 0.00	23.10 -0.23 0.00	21.52 -0.13 0.00	19.69 -0.08 0.00
HELLGATE_13_KV_LD 55870	19.80 1.17 0.00	17.75 1.08 -0.01	17.06 1.06 -0.11	16.33 1.00 0.00	16.29 0.98 0.00	17.67 1.05 0.00	21.14 1.21 -0.70	22.29 1.42 -1.21	22.63 1.51 -0.41	22.35 1.58 -0.02	22.63 1.64 -0.02	22.43 1.66 -0.02	22.72 1.75 -0.16	23.74 1.74 -1.49	25.53 1.89 -1.39	27.65 1.97 -3.01	28.93 2.06 -3.67	36.54 2.40 -6.82	32.26 2.35 -1.89	30.55 2.11 -1.73	29.23 1.99 -0.01	25.04 1.70 0.00	23.11 1.45 -0.01	21.13 1.34 -0.01
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	19.80 1.17 0.00	17.75 1.08 -0.01	17.06 1.06 -0.11	16.33 1.00 0.00	16.29 0.98 0.00	17.67 1.05 0.00	21.14 1.21 -0.70	22.29 1.42 -1.21	22.63 1.51 -0.41	22.35 1.58 -0.02	22.63 1.64 -0.02	22.43 1.66 -0.02	22.72 1.75 -0.16	23.74 1.74 -1.49	25.53 1.89 -1.39	27.65 1.97 -3.01	28.93 2.06 -3.67	36.54 2.40 -6.82	32.26 2.35 -1.89	30.55 2.11 -1.73	29.23 1.99 -0.01	25.04 1.70 0.00	23.11 1.45 -0.01	21.13 1.34 -0.01
HEMPSTEAD____ 23647	29.46 1.23 -9.60	24.21 1.12 -6.43	21.89 1.09 -4.92	21.32 1.04 -4.95	21.68 1.03 -5.35	25.26 1.11 -7.53	28.45 1.33 -7.89	23.47 1.61 -2.19	23.91 1.72 -1.49	23.16 1.83 -0.57	25.81 1.82 -3.01	27.16 1.74 -4.66	27.74 1.79 -5.14	28.02 1.87 -5.65	32.37 2.00 -8.13	35.93 2.06 -11.20	40.22 2.16 -14.86	49.73 2.49 -19.92	51.88 2.47 -21.40	39.07 2.27 -10.09	37.42 2.13 -8.06	37.05 1.82 -11.90	27.73 1.60 -4.47	25.83 1.38 -4.67
HEWLETT__69_KV_BK3 55828	29.66 1.43 -9.60	24.41 1.32 -6.43	22.07 1.27 -4.92	21.49 1.21 -4.95	21.84 1.18 -5.35	25.43 1.28 -7.53	28.64 1.52 -7.89	23.57 1.71 -2.19	24.03 1.84 -1.48	23.22 1.89 -0.57	25.92 1.93 -3.01	27.34 1.93 -4.66	27.95 2.00 -5.14	28.15 1.99 -5.65	32.53 2.16 -8.13	36.13 2.27 -11.20	40.45 2.39 -14.86	49.86 2.62 -19.92	52.05 2.63 -21.40	39.36 2.56 -10.09	37.72 2.42 -8.06	37.22 1.98 -11.90	27.90 1.78 -4.47	26.07 1.62 -4.67
HICKLING___1 23621	18.83 0.20 0.00	16.81 0.15 0.00	16.00 0.10 -0.03	15.48 0.15 0.00	15.46 0.15 0.00	16.74 0.12 0.00	19.45 0.04 -0.18	20.21 0.22 -0.33	20.98 0.17 -0.11	21.03 0.27 0.00	21.25 0.27 0.00	20.98 0.23 0.00	20.97 0.15 -0.01	20.75 0.12 -0.12	22.46 0.22 0.00	23.07 0.23 -0.18	24.14 0.35 -0.59	28.57 0.49 -0.76	28.82 0.31 -0.50	27.54 0.37 -0.46	27.54 0.30 0.00	23.61 0.28 0.00	22.13 0.48 0.00	20.05 0.28 0.00
HICKLING___2 23622	18.83 0.20 0.00	16.81 0.15 0.00	16.00 0.10 -0.03	15.48 0.15 0.00	15.46 0.15 0.00	16.74 0.12 0.00	19.45 0.04 -0.18	20.21 0.22 -0.33	20.98 0.17 -0.11	21.03 0.27 0.00	21.25 0.27 0.00	20.98 0.23 0.00	20.97 0.15 -0.01	20.75 0.12 -0.12	22.46 0.22 0.00	23.07 0.23 -0.18	24.14 0.35 -0.59	28.57 0.49 -0.76	28.82 0.31 -0.50	27.54 0.37 -0.46	27.54 0.30 0.00	23.61 0.28 0.00	22.13 0.48 0.00	20.05 0.28 0.00
HIGH FALLS___HY 23754	19.45 0.82 0.00	17.35 0.68 0.00	16.60 0.62 -0.11	15.90 0.57 0.00	15.86 0.55 0.00	17.25 0.63 0.00	20.77 0.85 -0.70	21.93 0.98 -1.29	22.15 1.01 -0.43	21.86 1.10 0.00	22.09 1.11 0.00	21.92 1.16 0.00	22.03 1.17 -0.05	22.18 1.19 -0.48	23.55 1.31 0.00	24.78 1.41 -0.71	27.02 1.51 -2.31	32.05 1.75 -2.98	31.86 1.82 -2.03	30.20 1.63 -1.86	28.71 1.47 0.00	24.64 1.31 0.00	22.63 0.97 0.00	20.72 0.95 0.00
HILLBURN___GT 23639	19.54 0.91 0.00	17.50 0.83 0.00	16.77 0.79 -0.10	16.08 0.75 0.00	16.04 0.73 0.00	17.43 0.81 0.00	20.90 1.00 -0.67	21.95 1.14 -1.14	22.32 1.24 -0.38	22.09 1.33 0.00	22.38 1.41 0.00	22.21 1.45 0.00	22.37 1.52 -0.05	22.42 1.48 -0.43	23.84 1.60 0.00	24.97 1.68 -0.63	26.97 1.74 -2.03	31.94 1.99 -2.62	31.73 1.93 -1.78	30.11 1.76 -1.63	28.82 1.58 0.00	24.69 1.35 0.00	22.74 1.08 0.00	20.80 1.03 0.00
HILLSIDE_115KV_TB1 80332	18.59 -0.04 0.00	16.60 -0.07 0.00	15.81 -0.10 -0.03	15.30 -0.03 0.00	15.27 -0.03 0.00	16.52 -0.10 0.00	19.23 -0.19 -0.19	19.91 -0.10 -0.34	20.67 -0.14 -0.11	20.76 0.00 0.00	20.98 0.00 0.00	20.76 0.00 0.00	20.72 -0.10 -0.01	20.49 -0.14 -0.13	22.17 -0.07 0.00	22.78 -0.07 -0.19	23.83 0.02 -0.61	28.21 0.11 -0.79	28.42 -0.11 -0.52	27.10 -0.08 -0.47	27.02 -0.22 0.00	23.19 -0.14 0.00	21.72 0.06 0.00	19.77 0.00 0.00
HISHELDN_WT_PWR 323625	18.22 -0.41 0.00	16.28 -0.38 0.00	15.47 -0.43 -0.02	15.02 -0.31 0.00	15.00 -0.31 0.00	16.14 -0.48 0.00	18.69 -0.67 -0.13	19.19 -0.71 -0.23	20.05 -0.73 -0.08	20.07 -0.68 0.00	20.33 -0.65 0.00	20.11 -0.64 0.00	19.92 -0.89 -0.01	19.67 -0.92 -0.08	21.28 -0.96 0.00	21.82 -0.97 -0.13	22.77 -0.83 -0.41	26.97 -0.88 -0.53	27.27 -1.09 -0.35	26.04 -0.99 -0.32	26.23 -1.01 0.00	22.56 -0.77 0.00	21.35 -0.30 0.00	19.32 -0.45 0.00
HOLTSVILLE_IC_1 23690	29.57 1.34 -9.60	24.35 1.25 -6.43	22.03 1.24 -4.92	21.46 1.18 -4.95	21.81 1.15 -5.35	25.40 1.25 -7.53	28.66 1.54 -7.89	23.71 1.85 -2.19	24.11 1.93 -1.49	23.38 2.06 -0.57	25.96 1.97 -3.01	27.28 1.87 -4.66	27.86 1.91 -5.14	28.15 1.99 -5.65	32.48 2.11 -8.13	36.13 2.27 -11.20	40.43 2.37 -14.86	49.95 2.71 -19.92	52.13 2.72 -21.40	39.31 2.51 -10.09	37.72 2.42 -8.06	37.24 2.01 -11.90	27.90 1.78 -4.47	25.85 1.40 -4.67
HOLTSVILLE_IC_10 23699	29.63 1.40 -9.60	24.40 1.30 -6.43	22.10 1.30 -4.92	21.52 1.24 -4.95	21.87 1.21 -5.35	25.45 1.30 -7.53	28.71 1.60 -7.89	23.81 1.95 -2.19	24.22 2.03 -1.49	23.49 2.16 -0.57	26.09 2.10 -3.01	27.36 1.95 -4.66	27.95 2.00 -5.14	28.27 2.11 -5.65	32.64 2.27 -8.13	36.29 2.43 -11.20	40.62 2.55 -14.86	50.17 2.92 -19.92	52.36 2.94 -21.40	39.50 2.70 -10.09	37.91 2.62 -8.06	37.40 2.17 -11.90	28.05 1.93 -4.47	25.93 1.48 -4.67
HOLTSVILLE_IC_2 23691	29.57 1.34 -9.60	24.35 1.25 -6.43	22.03 1.24 -4.92	21.46 1.18 -4.95	21.81 1.15 -5.35	25.40 1.25 -7.53	28.66 1.54 -7.89	23.71 1.85 -2.19	24.11 1.93 -1.49	23.38 2.06 -0.57	25.96 1.97 -3.01	27.28 1.87 -4.66	27.86 1.91 -5.14	28.15 1.99 -5.65	32.48 2.11 -8.13	36.13 2.27 -11.20	40.43 2.37 -14.86	49.95 2.71 -19.92	52.13 2.72 -21.40	39.31 2.51 -10.09	37.72 2.42 -8.06	37.24 2.01 -11.90	27.90 1.78 -4.47	25.85 1.40 -4.67
HOLTSVILLE_IC_3 23692	29.57 1.34 -9.60	24.35 1.25 -6.43	22.03 1.24 -4.92	21.46 1.18 -4.95	21.81 1.15 -5.35	25.40 1.25 -7.53	28.66 1.54 -7.89	23.71 1.85 -2.19	24.11 1.93 -1.49	23.38 2.06 -0.57	25.96 1.97 -3.01	27.28 1.87 -4.66	27.86 1.91 -5.14	28.15 1.99 -5.65	32.48 2.11 -8.13	36.13 2.27 -11.20	40.43 2.37 -14.86	49.95 2.71 -19.92	52.13 2.72 -21.40	39.31 2.51 -10.09	37.72 2.42 -8.06	37.24 2.01 -11.90	27.90 1.78 -4.47	25.85 1.40 -4.67

HOLTSVILLE_IC_4 23693	29.57 1.34 -9.60	24.35 1.25 -6.43	22.03 1.24 -4.92	21.46 1.18 -4.95	21.81 1.15 -5.35	25.40 1.25 -7.53	28.66 1.54 -7.89	23.71 1.85 -2.19	24.11 1.93 -1.49	23.38 2.06 -0.57	25.96 1.97 -3.01	27.28 1.87 -4.66	27.86 1.91 -5.14	28.15 1.99 -5.65	32.48 2.11 -8.13	36.13 2.27 -11.20	40.43 2.37 -14.86	49.95 2.71 -19.92	52.13 2.72 -21.40	39.31 2.51 -10.09	37.72 2.42 -8.06	37.24 2.01 -11.90	27.90 1.78 -4.47	25.85 1.40 -4.67
HOLTSVILLE_IC_5 23694	29.57 1.34 -9.60	24.35 1.25 -6.43	22.03 1.24 -4.92	21.46 1.18 -4.95	21.81 1.15 -5.35	25.40 1.25 -7.53	28.66 1.54 -7.89	23.71 1.85 -2.19	24.11 1.93 -1.49	23.38 2.06 -0.57	25.96 1.97 -3.01	27.28 1.87 -4.66	27.86 1.91 -5.14	28.15 1.99 -5.65	32.48 2.11 -8.13	36.13 2.27 -11.20	40.43 2.37 -14.86	49.95 2.71 -19.92	52.13 2.72 -21.40	39.31 2.51 -10.09	37.72 2.42 -8.06	37.24 2.01 -11.90	27.90 1.78 -4.47	25.85 1.40 -4.67
HOLTSVILLE_IC_6 23695	29.63 1.40 -9.60	24.40 1.30 -6.43	22.10 1.30 -4.92	21.52 1.24 -4.95	21.87 1.21 -5.35	25.45 1.30 -7.53	28.71 1.60 -7.89	23.81 1.95 -2.19	24.22 2.03 -1.49	23.49 2.16 -0.57	26.09 2.10 -3.01	27.36 1.95 -4.66	27.95 2.00 -5.14	28.27 2.11 -5.65	32.64 2.27 -8.13	36.29 2.43 -11.20	40.62 2.55 -14.86	50.17 2.92 -19.92	52.36 2.94 -21.40	39.50 2.70 -10.09	37.91 2.62 -8.06	37.40 2.17 -11.90	28.05 1.93 -4.47	25.93 1.48 -4.67
HOLTSVILLE_IC_7 23696	29.63 1.40 -9.60	24.40 1.30 -6.43	22.10 1.30 -4.92	21.52 1.24 -4.95	21.87 1.21 -5.35	25.45 1.30 -7.53	28.71 1.60 -7.89	23.81 1.95 -2.19	24.22 2.03 -1.49	23.49 2.16 -0.57	26.09 2.10 -3.01	27.36 1.95 -4.66	27.95 2.00 -5.14	28.27 2.11 -5.65	32.64 2.27 -8.13	36.29 2.43 -11.20	40.62 2.55 -14.86	50.17 2.92 -19.92	52.36 2.94 -21.40	39.50 2.70 -10.09	37.91 2.62 -8.06	37.40 2.17 -11.90	28.05 1.93 -4.47	25.93 1.48 -4.67
HOLTSVILLE_IC_8 23697	29.63 1.40 -9.60	24.40 1.30 -6.43	22.10 1.30 -4.92	21.52 1.24 -4.95	21.87 1.21 -5.35	25.45 1.30 -7.53	28.71 1.60 -7.89	23.81 1.95 -2.19	24.22 2.03 -1.49	23.49 2.16 -0.57	26.09 2.10 -3.01	27.36 1.95 -4.66	27.95 2.00 -5.14	28.27 2.11 -5.65	32.64 2.27 -8.13	36.29 2.43 -11.20	40.62 2.55 -14.86	50.17 2.92 -19.92	52.36 2.94 -21.40	39.50 2.70 -10.09	37.91 2.62 -8.06	37.40 2.17 -11.90	28.05 1.93 -4.47	25.93 1.48 -4.67
HOLTSVILLE_IC_9 23698	29.63 1.40 -9.60	24.40 1.30 -6.43	22.10 1.30 -4.92	21.52 1.24 -4.95	21.87 1.21 -5.35	25.45 1.30 -7.53	28.71 1.60 -7.89	23.81 1.95 -2.19	24.22 2.03 -1.49	23.49 2.16 -0.57	26.09 2.10 -3.01	27.36 1.95 -4.66	27.95 2.00 -5.14	28.27 2.11 -5.65	32.64 2.27 -8.13	36.29 2.43 -11.20	40.62 2.55 -14.86	50.17 2.92 -19.92	52.36 2.94 -21.40	39.50 2.70 -10.09	37.91 2.62 -8.06	37.40 2.17 -11.90	28.05 1.93 -4.47	25.93 1.48 -4.67
HOMER_HL_115KV_TB2 355744	18.39 -0.24 0.00	16.43 -0.23 0.00	15.61 -0.29 -0.02	15.15 -0.18 0.00	15.12 -0.18 0.00	16.32 -0.30 0.00	18.45 -0.92 -0.14	19.46 -0.45 -0.25	20.27 -0.52 -0.08	20.40 -0.35 0.00	20.73 -0.25 0.00	20.44 -0.31 0.00	20.34 -0.48 -0.01	19.90 -0.70 -0.09	21.73 -0.51 0.00	22.28 -0.52 -0.14	23.29 -0.35 -0.44	27.55 -0.33 -0.56	27.71 -0.67 -0.37	26.44 -0.61 -0.34	26.39 -0.84 0.00	22.73 -0.61 0.00	21.46 -0.19 0.00	19.50 -0.28 0.00
HOWARD_WT_PWR 323690	18.76 0.13 0.00	16.75 0.08 0.00	15.92 0.02 -0.02	15.42 0.09 0.00	15.41 0.11 0.00	16.65 0.03 0.00	19.33 -0.06 -0.15	19.86 -0.08 -0.27	20.73 -0.06 -0.09	20.71 -0.04 0.00	20.91 -0.06 0.00	20.69 -0.06 0.00	20.61 -0.21 -0.01	20.30 -0.31 -0.10	22.00 -0.24 0.00	22.54 -0.27 -0.15	23.57 -0.12 -0.49	27.97 0.03 -0.63	28.32 -0.11 -0.41	27.11 0.03 -0.38	27.29 0.05 0.00	23.40 0.07 0.00	22.00 0.35 0.00	19.91 0.14 0.00
HQ_GEN_CEDARS 23644	18.59 -0.04 0.00	16.60 -0.07 0.00	15.80 -0.08 0.00	15.25 -0.08 0.00	15.24 -0.06 0.00	16.55 -0.07 0.00	19.13 -0.10 0.00	19.57 -0.10 0.00	20.62 -0.08 0.00	20.63 -0.12 0.00	20.85 -0.13 0.00	20.59 -0.17 0.00	20.64 -0.17 0.00	20.30 -0.21 0.00	22.02 -0.22 0.00	22.46 -0.20 0.00	22.88 -0.32 0.00	26.96 -0.36 0.00	27.71 -0.31 0.00	26.42 -0.29 0.00	27.10 -0.14 0.00	23.22 -0.12 0.00	21.57 -0.09 0.00	19.64 -0.14 0.00
HQ_GEN_CEDARS_PROXY 323590	18.59 -0.04 0.00	16.60 -0.07 0.00	15.80 -0.08 0.00	15.25 -0.08 0.00	15.24 -0.06 0.00	16.55 -0.07 0.00	19.13 -0.10 0.00	19.57 -0.10 0.00	20.62 -0.08 0.00	20.61 -0.14 0.00	20.85 -0.13 0.00	20.59 -0.17 0.00	20.66 -0.14 0.00	20.30 -0.21 0.00	22.02 -0.22 0.00	22.46 -0.20 0.00	22.88 -0.32 0.00	26.96 -0.36 0.00	27.71 -0.31 0.00	26.42 -0.29 0.00	27.10 -0.14 0.00	23.22 -0.12 0.00	21.57 -0.09 0.00	19.64 -0.14 0.00
HQ_GEN_IMPORT 323601	18.44 -0.19 0.00	16.48 -0.18 0.00	15.71 -0.17 0.00	15.16 -0.17 0.00	15.14 -0.17 0.00	16.44 -0.18 0.00	19.00 -0.23 0.00	19.43 -0.24 0.00	20.48 -0.23 0.00	20.51 -0.25 0.00	20.73 -0.25 0.00	20.49 -0.27 0.00	20.56 -0.25 0.00	20.24 -0.27 0.00	21.95 -0.29 0.00	22.37 -0.30 0.00	22.88 -0.32 0.00	26.94 -0.38 0.00	27.65 -0.36 0.00	26.36 -0.35 0.00	26.94 -0.30 0.00	23.08 -0.26 0.00	21.42 -0.24 0.00	19.52 -0.26 0.00
HQ_GEN_WHEEL 23651	18.44 -0.19 0.00	16.48 -0.18 0.00	15.71 -0.17 0.00	15.16 -0.17 0.00	15.14 -0.17 0.00	16.44 -0.18 0.00	19.00 -0.23 0.00	19.43 -0.24 0.00	20.48 -0.23 0.00	20.51 -0.25 0.00	20.73 -0.25 0.00	20.49 -0.27 0.00	20.56 -0.25 0.00	20.24 -0.27 0.00	21.95 -0.29 0.00	22.37 -0.30 0.00	22.88 -0.32 0.00	26.94 -0.38 0.00	27.65 -0.36 0.00	26.36 -0.35 0.00	26.94 -0.30 0.00	23.08 -0.26 0.00	21.42 -0.24 0.00	19.52 -0.26 0.00
HUDSON_AVE_GT_3 23810	19.73 1.10 0.00	17.66 1.00 0.00	16.97 0.98 -0.11	16.26 0.94 0.00	16.21 0.90 0.00	17.62 1.00 0.00	21.12 1.19 -0.70	22.31 1.44 -1.21	22.65 1.53 -0.41	22.37 1.60 -0.02	22.65 1.66 -0.02	22.45 1.68 -0.02	22.72 1.75 -0.17	23.77 1.74 -1.52	25.55 1.87 -1.44	27.70 1.95 -3.09	28.96 2.04 -3.71	36.13 2.35 -6.46	32.23 2.33 -1.89	30.58 2.14 -1.73	29.26 2.02 -0.01	24.99 1.66 0.00	23.05 1.39 -0.01	21.04 1.27 0.00
HUDSON_AVE_GT_4 23540	19.73 1.10 0.00	17.66 1.00 0.00	16.97 0.98 -0.11	16.26 0.94 0.00	16.21 0.90 0.00	17.62 1.00 0.00	21.12 1.19 -0.70	22.31 1.44 -1.21	22.65 1.53 -0.41	22.37 1.60 -0.02	22.65 1.66 -0.02	22.45 1.68 -0.02	22.72 1.75 -0.17	23.77 1.74 -1.52	25.55 1.87 -1.44	27.70 1.95 -3.09	28.96 2.04 -3.71	36.13 2.35 -6.46	32.23 2.33 -1.89	30.58 2.14 -1.73	29.26 2.02 -0.01	24.99 1.66 0.00	23.05 1.39 -0.01	21.04 1.27 0.00
HUDSON_AVE_GT_5 23657	19.73 1.10 0.00	17.66 1.00 0.00	16.97 0.98 -0.11	16.26 0.94 0.00	16.21 0.90 0.00	17.62 1.00 0.00	21.12 1.19 -0.70	22.31 1.44 -1.21	22.65 1.53 -0.41	22.37 1.60 -0.02	22.65 1.66 -0.02	22.45 1.68 -0.02	22.72 1.75 -0.17	23.77 1.74 -1.52	25.55 1.87 -1.44	27.70 1.95 -3.09	28.96 2.04 -3.71	36.13 2.35 -6.46	32.23 2.33 -1.89	30.58 2.14 -1.73	29.26 2.02 -0.01	24.99 1.66 0.00	23.05 1.39 -0.01	21.04 1.27 0.00

HUDSON_AVE_10 24168	19.69 1.06 0.00	17.63 0.97 0.00	16.94 0.95 -0.11	16.22 0.89 0.00	16.18 0.87 0.00	17.57 0.95 0.00	21.09 1.15 -0.70	22.27 1.40 -1.21	22.63 1.51 -0.41	22.31 1.54 -0.02	22.59 1.59 -0.02	22.37 1.60 -0.02	22.64 1.66 -0.17	23.67 1.64 -1.52	25.46 1.78 -1.44	27.61 1.86 -3.09	28.84 1.93 -3.71	32.45 2.21 -2.92	32.12 2.21 -1.89	30.53 2.08 -1.73	29.21 1.96 -0.01	24.94 1.61 0.00	23.03 1.36 -0.01	21.00 1.23 0.00
HUDSON___115KV_TB 4 355613	19.39 0.76 0.00	17.45 0.78 0.00	16.80 0.79 -0.13	16.10 0.77 0.00	16.06 0.75 0.00	17.43 0.81 0.00	20.91 0.85 -0.84	22.64 0.92 -2.05	22.39 0.97 -0.71	21.67 0.91 0.00	21.94 0.96 0.00	21.67 0.91 0.00	21.81 0.92 -0.09	22.13 0.90 -0.72	23.26 1.02 0.00	24.83 1.00 -1.17	28.05 1.04 -3.81	33.46 1.23 -4.92	32.71 1.34 -3.35	31.03 1.26 -3.07	28.55 1.31 0.00	24.50 1.17 0.00	22.65 1.00 0.00	20.58 0.81 0.00
HUNTER MOUNT___DRP 323613	19.43 0.80 0.00	17.50 0.83 0.00	16.81 0.81 -0.12	16.13 0.80 0.00	16.07 0.77 0.00	17.47 0.85 0.00	20.91 0.87 -0.81	22.53 0.98 -1.88	22.37 1.01 -0.65	21.65 0.89 0.00	21.96 0.99 0.00	21.65 0.89 0.00	21.78 0.89 -0.08	22.06 0.88 -0.67	23.29 1.05 0.00	24.71 0.97 -1.07	27.70 1.02 -3.48	33.04 1.23 -4.49	32.45 1.37 -3.06	30.79 1.28 -2.80	28.66 1.42 0.00	24.62 1.28 0.00	22.74 1.08 0.00	20.60 0.83 0.00
HUNTINGTON_RES_REC 323705	29.55 1.32 -9.60	24.31 1.22 -6.43	21.99 1.19 -4.92	21.41 1.13 -4.95	21.76 1.10 -5.35	25.35 1.20 -7.53	28.58 1.46 -7.89	23.67 1.81 -2.19	24.09 1.90 -1.49	23.36 2.04 -0.57	25.94 1.95 -3.01	27.20 1.79 -4.66	27.76 1.81 -5.14	28.08 1.93 -5.65	32.46 2.09 -8.13	36.09 2.22 -11.20	40.41 2.34 -14.86	49.89 2.65 -19.92	52.08 2.66 -21.40	39.23 2.43 -10.09	37.61 2.31 -8.06	37.17 1.94 -11.90	27.82 1.69 -4.47	25.87 1.42 -4.67
HUNTLEY___63 23557	17.96 -0.67 0.00	16.05 -0.62 0.00	15.28 -0.62 -0.02	14.81 -0.52 0.00	14.80 -0.51 0.00	15.89 -0.73 0.00	18.43 -0.90 -0.11	18.94 -0.92 -0.20	19.69 -1.08 -0.07	19.82 -0.93 0.00	19.97 -1.01 0.00	19.80 -0.95 0.00	19.57 -1.25 -0.01	19.35 -1.23 -0.08	20.91 -1.33 0.00	21.41 -1.36 -0.11	22.37 -1.18 -0.35	26.49 -1.28 -0.45	26.74 -1.57 -0.30	25.51 -1.47 -0.27	25.77 -1.47 0.00	22.17 -1.17 0.00	21.05 -0.61 0.00	19.00 -0.77 0.00
HUNTLEY___64 23558	17.96 -0.67 0.00	16.05 -0.62 0.00	15.28 -0.62 -0.02	14.81 -0.52 0.00	14.80 -0.51 0.00	15.89 -0.73 0.00	18.43 -0.90 -0.11	18.94 -0.92 -0.20	19.69 -1.08 -0.07	19.82 -0.93 0.00	19.97 -1.01 0.00	19.80 -0.95 0.00	19.57 -1.25 -0.01	19.35 -1.23 -0.08	20.91 -1.33 0.00	21.41 -1.36 -0.11	22.37 -1.18 -0.35	26.49 -1.28 -0.45	26.74 -1.57 -0.30	25.51 -1.47 -0.27	25.77 -1.47 0.00	22.17 -1.17 0.00	21.05 -0.61 0.00	19.00 -0.77 0.00
HUNTLEY___65 23559	17.96 -0.67 0.00	16.05 -0.62 0.00	15.28 -0.62 -0.02	14.81 -0.52 0.00	14.80 -0.51 0.00	15.89 -0.73 0.00	18.43 -0.90 -0.11	18.94 -0.92 -0.20	19.69 -1.08 -0.07	19.82 -0.93 0.00	19.97 -1.01 0.00	19.80 -0.95 0.00	19.57 -1.25 -0.01	19.35 -1.23 -0.08	20.91 -1.33 0.00	21.41 -1.36 -0.11	22.37 -1.18 -0.35	26.49 -1.28 -0.45	26.74 -1.57 -0.30	25.51 -1.47 -0.27	25.77 -1.47 0.00	22.17 -1.17 0.00	21.05 -0.61 0.00	19.00 -0.77 0.00
HUNTLEY___66 23560	17.96 -0.67 0.00	16.05 -0.62 0.00	15.28 -0.62 -0.02	14.81 -0.52 0.00	14.80 -0.51 0.00	15.89 -0.73 0.00	18.43 -0.90 -0.11	18.94 -0.92 -0.20	19.69 -1.08 -0.07	19.82 -0.93 0.00	19.97 -1.01 0.00	19.80 -0.95 0.00	19.57 -1.25 -0.01	19.35 -1.23 -0.08	20.91 -1.33 0.00	21.41 -1.36 -0.11	22.37 -1.18 -0.35	26.49 -1.28 -0.45	26.74 -1.57 -0.30	25.51 -1.47 -0.27	25.77 -1.47 0.00	22.17 -1.17 0.00	21.05 -0.61 0.00	19.00 -0.77 0.00
HUNTLEY___67 23561	17.98 -0.65 0.00	16.06 -0.60 0.00	15.28 -0.62 -0.02	14.84 -0.49 0.00	14.82 -0.49 0.00	15.92 -0.70 0.00	18.48 -0.87 -0.12	18.98 -0.88 -0.20	19.73 -1.04 -0.07	19.88 -0.87 0.00	20.03 -0.94 0.00	19.86 -0.89 0.00	19.63 -1.19 -0.01	19.42 -1.17 -0.08	21.00 -1.25 0.00	21.51 -1.27 -0.11	22.42 -1.14 -0.36	26.52 -1.26 -0.46	26.78 -1.54 -0.30	25.57 -1.42 -0.28	25.77 -1.47 0.00	22.21 -1.12 0.00	21.09 -0.56 0.00	19.04 -0.73 0.00
HUNTLEY___68 23562	17.98 -0.65 0.00	16.06 -0.60 0.00	15.28 -0.62 -0.02	14.84 -0.49 0.00	14.82 -0.49 0.00	15.92 -0.70 0.00	18.48 -0.87 -0.12	18.98 -0.88 -0.20	19.73 -1.04 -0.07	19.88 -0.87 0.00	20.03 -0.94 0.00	19.86 -0.89 0.00	19.63 -1.19 -0.01	19.42 -1.17 -0.08	21.00 -1.25 0.00	21.51 -1.27 -0.11	22.42 -1.14 -0.36	26.52 -1.26 -0.46	26.78 -1.54 -0.30	25.57 -1.42 -0.28	25.77 -1.47 0.00	22.21 -1.12 0.00	21.09 -0.56 0.00	19.04 -0.73 0.00
HYLAND___LFGE 323620	19.06 0.43 0.00	17.00 0.33 0.00	16.17 0.27 -0.02	15.62 0.29 0.00	15.63 0.32 0.00	16.92 0.30 0.00	19.61 0.25 -0.13	19.87 -0.02 -0.22	20.42 -0.35 -0.07	20.28 -0.48 0.00	20.43 -0.55 0.00	20.38 -0.37 0.00	20.28 -0.54 -0.01	19.97 -0.61 -0.08	21.59 -0.65 0.00	22.17 -0.61 -0.12	23.20 -0.39 -0.39	27.74 -0.08 -0.51	28.46 0.11 -0.33	27.42 0.40 -0.30	27.84 0.60 0.00	23.87 0.54 0.00	22.58 0.93 0.00	20.23 0.46 0.00
INDECK___CORINTH 23802	20.03 1.40 0.00	17.90 1.23 0.00	17.22 1.21 -0.13	16.49 1.16 0.00	16.47 1.16 0.00	17.92 1.30 0.00	21.73 1.62 -0.89	24.60 1.69 -3.24	23.77 1.90 -1.16	22.62 1.87 0.00	22.82 1.85 0.00	22.38 1.62 0.00	22.47 1.52 -0.14	23.09 1.52 -1.06	23.89 1.65 0.00	26.33 1.75 -1.92	31.25 1.83 -6.22	37.73 2.38 -8.04	35.85 2.35 -5.48	34.03 2.30 -5.02	29.58 2.34 0.00	25.39 2.05 0.00	23.45 1.80 0.00	21.24 1.46 0.00
INDECK___ILION 23567	18.59 -0.04 0.00	16.63 -0.03 0.00	15.85 -0.03 0.00	15.30 -0.03 0.00	15.27 -0.03 0.00	16.60 -0.02 0.00	19.21 -0.02 0.00	19.60 -0.06 0.00	20.62 -0.08 0.00	20.71 -0.04 0.00	20.83 -0.15 0.00	20.67 -0.08 0.00	20.68 -0.12 0.00	20.36 -0.14 0.00	22.08 -0.16 0.00	22.50 -0.16 0.00	23.04 -0.16 0.00	27.13 -0.19 0.00	27.88 -0.14 0.00	26.63 -0.08 0.00	27.18 -0.05 0.00	23.31 -0.02 0.00	21.63 -0.02 0.00	19.85 0.08 0.00
INDECK___OLEAN 23982	18.38 -0.24 0.00	16.43 -0.23 0.00	15.61 -0.29 -0.02	15.15 -0.18 0.00	15.12 -0.18 0.00	16.32 -0.30 0.00	18.45 -0.92 -0.14	19.07 -0.84 -0.25	20.27 -0.52 -0.08	20.34 -0.41 0.00	20.73 -0.25 0.00	20.47 -0.29 0.00	20.32 -0.50 -0.01	19.90 -0.70 -0.09	21.73 -0.51 0.00	22.28 -0.52 -0.14	23.29 -0.35 -0.44	27.53 -0.36 -0.57	27.72 -0.67 -0.37	26.44 -0.61 -0.34	26.39 -0.84 0.00	22.73 -0.61 0.00	21.46 -0.20 0.00	19.50 -0.28 0.00
INDECK___OSWEGO 23783	18.35 -0.28 0.00	16.40 -0.27 0.00	15.62 -0.27 -0.01	15.08 -0.25 0.00	15.06 -0.25 0.00	16.35 -0.27 0.00	19.78 0.48 -0.07	20.24 0.47 -0.10	21.19 0.45 -0.03	21.21 0.46 0.00	21.40 0.42 0.00	20.26 -0.50 0.00	20.29 -0.52 0.00	19.99 -0.53 -0.01	22.71 0.47 0.00	23.17 0.45 -0.06	23.84 0.46 -0.18	28.15 0.60 -0.23	27.37 -0.64 0.00	26.15 -0.56 0.00	26.69 -0.54 0.00	22.87 -0.47 0.00	21.29 -0.37 0.00	19.52 -0.26 0.00

INDECK___YERKES 23781	17.96 -0.67 0.00	16.03 -0.63 0.00	15.28 -0.62 -0.02	14.79 -0.54 0.00	14.78 -0.52 0.00	15.87 -0.75 0.00	18.41 -0.92 -0.11	18.88 -0.98 -0.20	19.69 -1.08 -0.07	19.74 -1.02 0.00	19.97 -1.01 0.00	19.80 -0.95 0.00	19.57 -1.25 -0.01	19.35 -1.23 -0.07	20.91 -1.33 0.00	21.41 -1.36 -0.11	22.35 -1.21 -0.35	26.44 -1.34 -0.46	26.75 -1.57 -0.30	25.52 -1.47 -0.27	25.74 -1.50 0.00	22.14 -1.19 0.00	21.05 -0.61 0.00	18.98 -0.79 0.00
INDIAN POINT_GT_1 24139	19.56 0.93 0.00	17.50 0.83 0.00	16.81 0.83 -0.10	16.11 0.78 0.00	16.06 0.75 0.00	17.45 0.83 0.00	20.92 1.00 -0.69	22.05 1.20 -1.19	22.40 1.30 -0.39	22.11 1.35 0.00	22.40 1.43 0.00	22.19 1.43 0.00	22.38 1.52 -0.05	22.46 1.50 -0.45	23.86 1.62 0.00	25.01 1.70 -0.65	27.07 1.76 -2.11	32.07 2.02 -2.73	31.89 2.02 -1.85	30.25 1.84 -1.70	28.93 1.69 0.00	24.76 1.42 0.00	22.78 1.13 0.00	20.80 1.03 0.00
INDIAN POINT_GT_2 23659	19.56 0.93 0.00	17.50 0.83 0.00	16.81 0.83 -0.10	16.11 0.78 0.00	16.06 0.75 0.00	17.45 0.83 0.00	20.92 1.00 -0.69	22.05 1.20 -1.19	22.40 1.30 -0.39	22.11 1.35 0.00	22.40 1.43 0.00	22.19 1.43 0.00	22.38 1.52 -0.05	22.46 1.50 -0.45	23.86 1.62 0.00	25.01 1.70 -0.65	27.07 1.76 -2.11	32.07 2.02 -2.73	31.89 2.02 -1.85	30.25 1.84 -1.70	28.93 1.69 0.00	24.76 1.42 0.00	22.78 1.13 0.00	20.80 1.03 0.00
INDIAN POINT_GT_3 24019	19.56 0.93 0.00	17.50 0.83 0.00	16.81 0.83 -0.10	16.11 0.78 0.00	16.06 0.75 0.00	17.45 0.83 0.00	20.92 1.00 -0.69	22.05 1.20 -1.19	22.40 1.30 -0.39	22.11 1.35 0.00	22.40 1.43 0.00	22.19 1.43 0.00	22.38 1.52 -0.05	22.46 1.50 -0.45	23.86 1.62 0.00	25.01 1.70 -0.65	27.07 1.76 -2.11	32.07 2.02 -2.73	31.89 2.02 -1.85	30.25 1.84 -1.70	28.93 1.69 0.00	24.76 1.42 0.00	22.78 1.13 0.00	20.80 1.03 0.00
INDIAN POINT___2 23530	19.54 0.91 0.00	17.50 0.83 0.00	16.79 0.81 -0.10	16.10 0.77 0.00	16.06 0.75 0.00	17.43 0.81 0.00	20.91 1.00 -0.68	22.02 1.18 -1.17	22.37 1.28 -0.39	22.13 1.37 0.00	22.40 1.43 0.00	22.19 1.43 0.00	22.36 1.50 -0.05	22.45 1.50 -0.44	23.86 1.62 0.00	25.01 1.70 -0.64	27.05 1.76 -2.08	32.03 2.02 -2.69	31.83 1.99 -1.83	30.20 1.82 -1.67	28.90 1.66 0.00	24.73 1.40 0.00	22.78 1.13 0.00	20.80 1.03 0.00
INDIAN POINT___3 23531	19.54 0.91 0.00	17.50 0.83 0.00	16.79 0.81 -0.10	16.10 0.77 0.00	16.06 0.75 0.00	17.43 0.81 0.00	20.92 1.00 -0.69	22.05 1.20 -1.19	22.38 1.28 -0.39	22.11 1.35 0.00	22.40 1.43 0.00	22.19 1.43 0.00	22.35 1.50 -0.05	22.46 1.50 -0.45	23.86 1.62 0.00	25.01 1.70 -0.65	27.08 1.76 -2.11	32.07 2.02 -2.73	31.86 1.99 -1.85	30.23 1.82 -1.70	28.90 1.66 0.00	24.73 1.40 0.00	22.80 1.15 0.00	20.80 1.03 0.00
INGHAM_C_115KV_TB7 356103	18.39 -0.24 0.00	16.45 -0.22 0.00	15.67 -0.21 0.00	15.11 -0.21 0.00	15.09 -0.21 0.00	16.42 -0.20 0.00	19.02 -0.21 0.00	19.37 -0.29 0.00	20.37 -0.33 0.00	20.47 -0.29 0.00	20.47 -0.50 0.00	20.36 -0.39 0.00	20.33 -0.48 0.00	20.04 -0.47 0.00	21.73 -0.51 0.00	22.12 -0.54 0.00	22.62 -0.58 0.00	26.66 -0.66 0.00	27.46 -0.56 0.00	26.26 -0.45 0.00	26.86 -0.38 0.00	23.08 -0.26 0.00	21.46 -0.19 0.00	19.73 -0.04 0.00
IP CORINTH___1 23988	20.02 1.40 0.00	17.90 1.23 0.00	17.22 1.21 -0.13	16.49 1.17 0.00	16.47 1.16 0.00	17.91 1.30 0.00	21.73 1.62 -0.89	24.62 1.71 -3.24	23.76 1.90 -1.15	22.62 1.87 0.00	22.82 1.85 0.00	22.37 1.62 0.00	22.49 1.54 -0.14	23.09 1.52 -1.06	23.89 1.65 0.00	26.33 1.75 -1.92	31.25 1.83 -6.22	37.73 2.38 -8.04	35.85 2.35 -5.48	34.03 2.30 -5.02	29.58 2.34 0.00	25.39 2.05 0.00	23.45 1.80 0.00	21.24 1.46 0.00
IP___TICONDEROGA 23804	20.88 2.25 0.00	18.60 1.93 0.00	17.89 1.87 -0.13	17.15 1.82 0.00	17.16 1.85 0.00	18.66 2.04 0.00	22.69 2.58 -0.89	25.50 2.62 -3.22	24.65 2.79 -1.15	23.52 2.76 0.00	23.70 2.73 0.00	23.31 2.55 0.00	23.34 2.39 -0.14	23.88 2.32 -1.06	24.82 2.58 0.00	27.24 2.67 -1.91	32.19 2.81 -6.18	38.92 3.61 -7.99	37.02 3.56 -5.45	35.23 3.53 -4.99	30.89 3.65 0.00	26.58 3.24 0.00	24.49 2.84 0.00	22.11 2.33 0.00
ISLIP_RES_REC 323679	29.72 1.49 -9.60	24.46 1.37 -6.43	22.14 1.35 -4.92	21.57 1.29 -4.95	21.93 1.27 -5.35	25.51 1.36 -7.53	28.79 1.67 -7.89	23.92 2.06 -2.19	24.32 2.13 -1.49	23.61 2.28 -0.57	26.19 2.20 -3.01	27.49 2.08 -4.66	28.07 2.12 -5.14	28.39 2.24 -5.65	32.79 2.42 -8.13	36.45 2.58 -11.20	40.78 2.71 -14.86	50.36 3.11 -19.92	52.55 3.14 -21.40	39.68 2.89 -10.09	38.10 2.81 -8.06	37.57 2.33 -11.90	28.19 2.06 -4.47	26.01 1.56 -4.67
JAMAICA__27_KV_LOAD 355505	19.75 1.12 0.00	17.68 1.02 0.00	16.99 1.00 -0.11	16.26 0.94 0.00	16.22 0.92 0.00	17.63 1.01 0.00	21.18 1.25 -0.70	22.41 1.53 -1.21	22.75 1.64 -0.41	22.33 1.56 -0.02	22.63 1.64 -0.02	22.35 1.58 -0.02	22.60 1.62 -0.17	23.65 1.62 -1.52	25.44 1.76 -1.44	27.59 1.84 -3.09	28.82 1.90 -3.71	32.39 2.16 -2.92	32.12 2.21 -1.89	30.66 2.22 -1.73	29.37 2.12 -0.01	25.04 1.70 0.00	23.18 1.52 -0.01	21.10 1.32 0.00
JANIS___SOLAR 323808	19.28 0.65 0.00	17.18 0.52 0.00	16.37 0.46 -0.03	15.80 0.48 0.00	15.80 0.49 0.00	17.18 0.57 0.00	20.21 0.79 -0.19	20.83 0.77 -0.40	21.48 0.64 -0.14	21.28 0.52 0.00	21.37 0.40 0.00	21.07 0.31 0.00	21.09 0.27 -0.02	20.90 0.25 -0.14	22.60 0.35 0.00	23.30 0.41 -0.23	24.49 0.56 -0.73	29.11 0.85 -0.95	29.51 0.87 -0.62	28.35 1.07 -0.57	28.47 1.23 0.00	24.36 1.03 0.00	22.61 0.95 0.00	20.58 0.81 0.00
JARVIS____ 23743	18.68 0.06 0.00	16.71 0.05 0.00	15.93 0.05 0.00	15.38 0.05 0.00	15.35 0.05 0.00	16.67 0.05 0.00	19.29 0.06 0.00	19.70 0.04 0.00	20.72 0.02 0.00	20.80 0.04 0.00	21.00 0.02 0.00	20.82 0.06 0.00	20.87 0.06 0.00	20.57 0.06 0.00	22.26 0.02 0.00	22.69 0.02 0.00	23.25 0.05 0.00	27.37 0.05 0.00	28.10 0.08 0.00	26.79 0.08 0.00	27.32 0.08 0.00	23.40 0.07 0.00	21.72 0.07 0.00	19.85 0.08 0.00
JENNISON___1 23625	19.34 0.71 0.00	17.25 0.58 0.00	16.44 0.52 -0.04	15.85 0.52 0.00	15.84 0.54 0.00	17.23 0.61 0.00	20.28 0.81 -0.24	21.11 0.88 -0.57	21.70 0.81 -0.19	21.57 0.81 0.00	21.67 0.69 0.00	21.42 0.66 0.00	21.42 0.58 -0.02	21.28 0.57 -0.20	22.91 0.67 0.00	23.71 0.73 -0.32	25.08 0.84 -1.04	29.76 1.09 -1.35	30.01 1.09 -0.90	28.74 1.20 -0.83	28.52 1.28 0.00	24.43 1.10 0.00	22.67 1.02 0.00	20.62 0.85 0.00
JENNISON___2 23626	19.34 0.71 0.00	17.25 0.58 0.00	16.44 0.52 -0.04	15.85 0.52 0.00	15.84 0.54 0.00	17.23 0.61 0.00	20.28 0.81 -0.24	21.11 0.88 -0.57	21.70 0.81 -0.19	21.57 0.81 0.00	21.67 0.69 0.00	21.42 0.66 0.00	21.42 0.58 -0.02	21.28 0.57 -0.20	22.91 0.67 0.00	23.71 0.73 -0.32	25.08 0.84 -1.04	29.76 1.09 -1.35	30.01 1.09 -0.90	28.74 1.20 -0.83	28.52 1.28 0.00	24.43 1.10 0.00	22.67 1.02 0.00	20.62 0.85 0.00

JERICO_RISE_WT_PWR 323719	18.72 0.09 0.00	16.68 0.02 0.00	15.85 -0.03 0.00	15.28 -0.05 0.00	15.27 -0.03 0.00	16.60 -0.02 0.00	19.21 -0.02 0.00	19.72 0.06 0.00	20.79 0.08 0.00	20.74 -0.02 0.00	20.98 0.00 0.00	20.61 -0.14 0.00	20.71 -0.10 0.00	20.43 -0.08 0.00	22.22 -0.02 0.00	22.71 0.05 0.00	23.18 -0.02 0.00	27.37 0.05 0.00	28.18 0.17 0.00	26.87 0.16 0.00	27.62 0.38 0.00	23.64 0.30 0.00	21.98 0.33 0.00	19.95 0.18 0.00
KATONAH__115KV_46KV_TB4 355592	19.63 1.01 0.00	17.58 0.92 0.00	16.88 0.89 -0.11	16.19 0.86 0.00	16.12 0.81 0.00	17.50 0.88 0.00	21.02 1.08 -0.71	22.16 1.28 -1.22	22.45 1.35 -0.40	22.15 1.39 0.00	22.42 1.45 0.00	22.21 1.45 0.00	22.38 1.52 -0.05	22.49 1.52 -0.46	23.89 1.65 0.00	25.07 1.75 -0.67	27.17 1.81 -2.16	32.19 2.08 -2.79	31.99 2.07 -1.90	30.40 1.95 -1.74	29.12 1.88 0.00	24.90 1.56 0.00	22.82 1.17 0.00	20.84 1.07 0.00
KCE_NY_1 323755	19.80 1.17 0.00	17.71 1.05 0.00	17.05 1.03 -0.13	16.32 1.00 0.00	16.30 0.99 0.00	17.72 1.10 0.00	21.44 1.33 -0.88	24.26 1.40 -3.20	23.32 1.47 -1.14	22.21 1.45 0.00	22.44 1.47 0.00	22.17 1.41 0.00	22.34 1.39 -0.14	22.95 1.40 -1.05	23.75 1.51 0.00	26.12 1.56 -1.89	30.98 1.65 -6.13	37.24 1.99 -7.93	35.38 1.96 -5.40	33.58 1.92 -4.95	29.17 1.93 0.00	25.04 1.70 0.00	23.13 1.47 0.00	21.02 1.25 0.00
KCE_NY_6_ESR 323823	18.22 -0.41 0.00	16.26 -0.40 0.00	15.45 -0.44 -0.02	15.01 -0.32 0.00	14.98 -0.32 0.00	16.12 -0.50 0.00	18.60 -0.75 -0.12	19.09 -0.79 -0.21	20.01 -0.77 -0.07	20.05 -0.71 0.00	20.30 -0.67 0.00	20.13 -0.62 0.00	19.92 -0.89 -0.01	19.64 -0.94 -0.08	21.26 -0.98 0.00	21.81 -0.97 -0.12	22.74 -0.83 -0.38	26.91 -0.90 -0.49	27.19 -1.15 -0.32	25.93 -1.07 -0.29	26.12 -1.12 0.00	22.49 -0.84 0.00	21.33 -0.32 0.00	19.30 -0.47 0.00
KEDC_PORT_JEFF_GT2 24210	29.63 1.40 -9.60	24.38 1.28 -6.43	22.08 1.29 -4.92	21.51 1.23 -4.95	21.85 1.19 -5.35	25.43 1.28 -7.53	28.70 1.58 -7.89	23.76 1.91 -2.19	24.18 1.99 -1.49	23.45 2.12 -0.57	26.02 2.03 -3.01	27.34 1.93 -4.66	27.93 1.98 -5.14	28.23 2.07 -5.65	32.59 2.22 -8.13	36.25 2.38 -11.20	40.57 2.51 -14.86	49.95 2.71 -19.92	52.13 2.72 -21.40	39.28 2.48 -10.09	37.78 2.48 -8.06	37.36 2.12 -11.90	27.99 1.86 -4.47	25.91 1.46 -4.67
KEDC_PORT_JEFF_GT3 24211	29.63 1.40 -9.60	24.38 1.28 -6.43	22.08 1.29 -4.92	21.51 1.23 -4.95	21.85 1.19 -5.35	25.43 1.28 -7.53	28.70 1.58 -7.89	23.76 1.91 -2.19	24.18 1.99 -1.49	23.45 2.12 -0.57	26.02 2.03 -3.01	27.34 1.93 -4.66	27.93 1.98 -5.14	28.23 2.07 -5.65	32.59 2.22 -8.13	36.25 2.38 -11.20	40.57 2.51 -14.86	49.95 2.71 -19.92	52.13 2.72 -21.40	39.28 2.48 -10.09	37.78 2.48 -8.06	37.36 2.12 -11.90	27.99 1.86 -4.47	25.91 1.46 -4.67
KEDC_GLWD_GT4 24219	29.46 1.23 -9.60	24.21 1.12 -6.43	21.89 1.09 -4.92	21.32 1.04 -4.95	21.67 1.01 -5.35	25.26 1.11 -7.53	28.45 1.33 -7.89	23.43 1.57 -2.19	23.89 1.70 -1.49	23.11 1.79 -0.57	25.81 1.82 -3.01	27.22 1.80 -4.66	27.80 1.85 -5.14	28.04 1.89 -5.65	32.41 2.04 -8.13	35.93 2.06 -11.20	40.13 2.06 -14.86	49.65 2.40 -19.92	51.80 2.38 -21.40	38.96 2.16 -10.09	37.31 2.02 -8.06	37.08 1.84 -11.90	27.69 1.56 -4.47	25.83 1.38 -4.67
KEDC_GLWD_GT5 24220	29.46 1.23 -9.60	24.21 1.12 -6.43	21.89 1.09 -4.92	21.32 1.04 -4.95	21.67 1.01 -5.35	25.26 1.11 -7.53	28.45 1.33 -7.89	23.43 1.57 -2.19	23.89 1.70 -1.49	23.11 1.79 -0.57	25.81 1.82 -3.01	27.22 1.80 -4.66	27.80 1.85 -5.14	28.04 1.89 -5.65	32.41 2.04 -8.13	35.93 2.06 -11.20	40.13 2.06 -14.86	49.65 2.40 -19.92	51.80 2.38 -21.40	38.96 2.16 -10.09	37.31 2.02 -8.06	37.08 1.84 -11.90	27.69 1.56 -4.47	25.83 1.38 -4.67
KENSICO____ 23655	19.61 0.99 0.00	17.56 0.90 0.00	16.86 0.87 -0.11	16.16 0.83 0.00	16.12 0.81 0.00	17.50 0.88 0.00	21.01 1.08 -0.70	22.14 1.28 -1.20	22.49 1.39 -0.40	22.19 1.43 0.00	22.49 1.51 0.00	22.27 1.52 0.00	22.46 1.60 -0.05	22.54 1.58 -0.45	23.95 1.71 0.00	25.11 1.79 -0.66	27.18 1.86 -2.13	32.20 2.13 -2.75	32.01 2.13 -1.87	30.35 1.92 -1.71	29.04 1.80 0.00	24.83 1.49 0.00	22.87 1.21 0.00	20.88 1.11 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	19.45 0.82 0.00	17.36 0.70 0.00	16.61 0.64 -0.10	15.91 0.58 0.00	15.87 0.57 0.00	17.25 0.63 0.00	20.74 0.85 -0.66	21.86 1.00 -1.19	22.13 1.04 -0.40	21.84 1.08 0.00	22.07 1.09 0.00	21.88 1.12 0.00	22.00 1.14 -0.05	22.12 1.17 -0.45	23.53 1.29 0.00	24.70 1.38 -0.66	26.82 1.48 -2.13	31.79 1.72 -2.75	31.68 1.79 -1.87	30.03 1.60 -1.71	28.71 1.47 0.00	24.66 1.33 0.00	22.65 1.00 0.00	20.70 0.93 0.00
KIAC_JFK_GT1 23816	19.65 1.02 0.00	17.60 0.93 0.00	16.91 0.92 -0.11	16.19 0.86 0.00	16.15 0.84 0.00	17.55 0.93 0.00	21.09 1.15 -0.70	22.33 1.46 -1.21	22.65 1.53 -0.41	22.20 1.43 -0.02	22.55 1.55 -0.02	22.25 1.47 -0.02	22.49 1.52 -0.17	23.55 1.52 -1.52	25.35 1.67 -1.44	27.47 1.72 -3.09	28.70 1.79 -3.71	32.17 1.94 -2.92	31.89 1.99 -1.89	30.53 2.08 -1.73	29.24 1.99 -0.01	24.92 1.59 0.00	23.09 1.43 -0.01	21.00 1.23 0.00
KIAC_JFK_GT2 23817	19.65 1.02 0.00	17.60 0.93 0.00	16.91 0.92 -0.11	16.19 0.86 0.00	16.15 0.84 0.00	17.55 0.93 0.00	21.09 1.15 -0.70	22.33 1.46 -1.21	22.65 1.53 -0.41	22.20 1.43 -0.02	22.55 1.55 -0.02	22.25 1.47 -0.02	22.49 1.52 -0.17	23.55 1.52 -1.52	25.35 1.67 -1.44	27.47 1.72 -3.09	28.70 1.79 -3.71	32.17 1.94 -2.92	31.89 1.99 -1.89	30.53 2.08 -1.73	29.24 1.99 -0.01	24.92 1.59 0.00	23.09 1.43 -0.01	21.00 1.23 0.00
KIAC_JFK____ 323774	19.65 1.02 0.00	17.60 0.93 0.00	16.91 0.92 -0.11	16.19 0.86 0.00	16.15 0.84 0.00	17.55 0.93 0.00	21.08 1.15 -0.70	22.33 1.46 -1.21	22.67 1.55 -0.41	22.27 1.50 -0.02	22.55 1.55 -0.02	22.25 1.47 -0.02	22.45 1.48 -0.17	23.55 1.52 -1.52	25.35 1.67 -1.44	27.47 1.72 -3.09	28.68 1.76 -3.72	32.17 1.94 -2.92	31.89 1.99 -1.89	30.53 2.08 -1.73	29.23 1.99 -0.01	24.92 1.59 0.00	23.09 1.43 -0.01	21.00 1.23 0.00
KINTIGH____ 23543	17.96 -0.67 0.00	16.05 -0.62 0.00	15.28 -0.62 -0.01	14.81 -0.52 0.00	14.80 -0.51 0.00	15.92 -0.70 0.00	18.66 -0.67 -0.10	19.01 -0.83 -0.17	19.81 -0.95 -0.06	19.93 -0.83 0.00	20.10 -0.88 0.00	19.90 -0.85 0.00	19.71 -1.10 -0.01	19.55 -1.03 -0.07	21.06 -1.18 0.00	21.58 -1.18 -0.09	22.41 -1.09 -0.30	26.51 -1.20 -0.39	26.81 -1.46 -0.26	25.61 -1.34 -0.23	25.88 -1.36 0.00	22.28 -1.05 0.00	21.09 -0.56 0.00	19.02 -0.75 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	18.96 0.34 0.00	16.88 0.22 0.00	16.02 0.14 0.00	15.45 0.12 0.00	15.46 0.15 0.00	16.80 0.18 0.00	19.46 0.23 0.00	19.98 0.31 0.00	21.08 0.37 0.00	20.94 0.19 0.00	21.25 0.27 0.00	20.86 0.10 0.00	21.02 0.21 0.00	20.67 0.16 0.00	22.51 0.27 0.00	23.03 0.36 0.00	23.50 0.30 0.00	27.78 0.46 0.00	28.60 0.59 0.00	27.24 0.53 0.00	28.03 0.79 0.00	23.94 0.61 0.00	22.28 0.63 0.00	20.19 0.42 0.00

LACHUTE____HYDRO 323717	20.88 2.25 0.00	18.60 1.93 0.00	17.89 1.87 -0.13	17.15 1.82 0.00	17.16 1.85 0.00	18.66 2.04 0.00	22.69 2.58 -0.89	25.46 2.58 -3.22	24.65 2.79 -1.15	23.47 2.72 0.00	23.70 2.73 0.00	23.31 2.55 0.00	23.38 2.43 -0.14	23.88 2.32 -1.06	24.82 2.58 0.00	27.24 2.67 -1.91	32.19 2.81 -6.18	38.92 3.61 -7.99	37.02 3.56 -5.45	35.25 3.55 -4.99	30.89 3.65 0.00	26.58 3.24 0.00	24.49 2.84 0.00	22.11 2.33 0.00
LAWRNCV_115KV_TB1 80681	18.66 0.04 0.00	16.66 0.00 0.00	15.85 -0.03 0.00	15.30 -0.03 0.00	15.29 -0.02 0.00	16.64 0.02 0.00	19.25 0.02 0.00	19.70 0.04 0.00	20.76 0.06 0.00	20.71 -0.04 0.00	20.93 -0.04 0.00	20.65 -0.10 0.00	20.71 -0.10 0.00	20.34 -0.16 0.00	22.11 -0.13 0.00	22.50 -0.16 0.00	22.76 -0.44 0.00	26.88 -0.44 0.00	27.62 -0.39 0.00	26.39 -0.32 0.00	27.27 0.03 0.00	23.40 0.07 0.00	21.72 0.06 0.00	19.75 -0.02 0.00
LEDERLE____ 23769	19.60 0.97 0.00	17.53 0.87 0.00	16.82 0.84 -0.10	16.13 0.80 0.00	16.09 0.78 0.00	17.47 0.85 0.00	20.96 1.06 -0.67	22.06 1.24 -1.16	22.43 1.35 -0.38	22.17 1.41 0.00	22.47 1.49 0.00	22.27 1.52 0.00	22.42 1.56 -0.05	22.51 1.56 -0.44	23.93 1.69 0.00	25.09 1.79 -0.63	27.11 1.86 -2.05	32.10 2.13 -2.65	31.92 2.10 -1.80	30.26 1.90 -1.65	28.98 1.74 0.00	24.83 1.49 0.00	22.84 1.19 0.00	20.86 1.09 0.00
LIGHTHSE_115KV_TB6 355974	18.59 -0.04 0.00	16.61 -0.05 0.00	15.81 -0.08 -0.01	15.27 -0.06 0.00	15.26 -0.05 0.00	16.57 -0.05 0.00	19.65 0.37 -0.06	20.01 0.33 -0.01	20.99 0.29 0.00	21.05 0.29 0.00	21.17 0.19 0.00	20.55 -0.21 0.00	20.56 -0.25 0.00	20.27 -0.25 -0.01	22.46 0.22 0.00	22.87 0.20 0.00	23.39 0.19 0.00	27.62 0.30 0.00	27.76 -0.25 0.00	26.58 -0.13 0.00	27.18 -0.05 0.00	23.33 0.00 0.00	21.70 0.04 0.00	19.83 0.06 0.00
LINDEN COGEN____ 23786	19.67 1.04 0.00	17.61 0.95 0.00	16.92 0.94 -0.11	16.20 0.87 0.00	16.16 0.86 0.00	17.57 0.95 0.00	21.05 1.11 -0.70	22.21 1.34 -1.21	22.54 1.43 -0.41	22.33 1.56 -0.02	22.57 1.57 -0.02	22.37 1.60 -0.02	22.64 1.67 -0.17	23.71 1.68 -1.52	25.48 1.80 -1.44	27.63 1.88 -3.09	28.86 1.95 -3.72	36.48 2.21 -6.95	32.12 2.21 -1.89	30.47 2.03 -1.73	29.10 1.85 -0.01	24.87 1.54 0.00	22.92 1.26 -0.01	20.94 1.17 0.00
LINDHRST_69_KV_BK1 356055	29.74 1.51 -9.60	24.48 1.38 -6.43	22.13 1.33 -4.92	21.55 1.27 -4.95	21.91 1.26 -5.35	25.51 1.36 -7.53	28.75 1.63 -7.89	23.82 1.97 -2.19	24.28 2.09 -1.48	23.36 2.03 -0.57	26.13 2.14 -3.01	27.47 2.05 -4.66	28.18 2.23 -5.14	28.33 2.17 -5.65	32.68 2.31 -8.13	36.29 2.42 -11.20	40.62 2.55 -14.86	50.19 2.95 -19.92	52.39 2.97 -21.40	39.55 2.75 -10.09	37.94 2.64 -8.06	37.45 2.22 -11.90	28.12 1.99 -4.47	26.11 1.66 -4.67
LIPA_MISC_IPP 23656	29.48 1.25 -9.60	24.30 1.20 -6.43	22.00 1.21 -4.92	21.43 1.15 -4.95	21.78 1.12 -5.35	25.33 1.18 -7.53	28.62 1.50 -7.89	23.63 1.77 -2.19	24.01 1.82 -1.48	23.09 1.76 -0.57	25.84 1.85 -3.01	27.18 1.76 -4.66	27.91 1.96 -5.14	28.05 1.89 -5.65	32.39 2.02 -8.13	36.04 2.18 -11.20	40.31 2.25 -14.86	49.86 2.62 -19.92	52.08 2.66 -21.40	39.26 2.46 -10.09	37.67 2.37 -8.06	37.15 1.91 -11.90	27.79 1.67 -4.47	25.77 1.32 -4.67
LISF____SOLAR 323691	29.50 1.27 -9.60	24.31 1.22 -6.43	22.02 1.22 -4.92	21.44 1.16 -4.95	21.79 1.13 -5.35	25.35 1.20 -7.53	28.64 1.52 -7.89	23.63 1.77 -2.19	23.99 1.80 -1.49	23.28 1.95 -0.57	25.84 1.85 -3.01	27.20 1.79 -4.66	27.78 1.83 -5.14	28.04 1.89 -5.65	32.39 2.02 -8.13	36.04 2.18 -11.20	40.36 2.30 -14.86	49.92 2.68 -19.92	52.11 2.69 -21.40	39.25 2.46 -10.09	37.67 2.37 -8.06	37.17 1.94 -11.90	27.82 1.69 -4.47	25.79 1.35 -4.67
LITTLE FALLS____HYD 24013	18.39 -0.24 0.00	16.45 -0.22 0.00	15.67 -0.21 0.00	15.11 -0.21 0.00	15.09 -0.21 0.00	16.42 -0.20 0.00	19.02 -0.21 0.00	19.37 -0.29 0.00	20.37 -0.33 0.00	20.47 -0.29 0.00	20.47 -0.50 0.00	20.36 -0.39 0.00	20.33 -0.48 0.00	20.04 -0.47 0.00	21.73 -0.51 0.00	22.12 -0.54 0.00	22.62 -0.58 0.00	26.66 -0.66 0.00	27.46 -0.56 0.00	26.26 -0.45 0.00	26.86 -0.38 0.00	23.08 -0.26 0.00	21.46 -0.19 0.00	19.73 -0.04 0.00
LITTLRIV_115KV_TB1 356100	18.80 0.17 0.00	16.76 0.10 0.00	15.94 0.06 0.00	15.39 0.06 0.00	15.40 0.09 0.00	16.75 0.13 0.00	19.42 0.19 0.00	19.88 0.22 0.00	20.95 0.25 0.00	20.90 0.15 0.00	21.06 0.08 0.00	20.82 0.06 0.00	20.85 0.04 0.00	20.47 -0.04 0.00	22.26 0.02 0.00	22.66 0.00 0.00	22.90 -0.30 0.00	27.04 -0.27 0.00	27.82 -0.20 0.00	26.60 -0.11 0.00	27.51 0.27 0.00	23.61 0.28 0.00	21.91 0.26 0.00	19.91 0.14 0.00
LI_NEWBRDGE____DRP 323616	29.46 1.23 -9.60	24.21 1.12 -6.43	21.89 1.10 -4.92	21.32 1.04 -4.95	21.68 1.03 -5.35	25.26 1.11 -7.53	28.47 1.35 -7.89	23.47 1.61 -2.19	23.91 1.72 -1.48	23.03 1.70 -0.57	25.77 1.78 -3.01	27.11 1.70 -4.66	27.78 1.83 -5.14	27.94 1.78 -5.65	32.28 1.91 -8.13	35.89 2.02 -11.20	40.17 2.11 -14.86	49.65 2.40 -19.92	51.83 2.41 -21.40	39.02 2.22 -10.09	37.40 2.10 -8.06	36.98 1.75 -11.90	27.69 1.56 -4.47	25.81 1.36 -4.67
LOCKPORT_115KV_TB60_63_64 80432	17.92 -0.71 0.00	16.00 -0.67 0.00	15.17 -0.73 -0.02	14.78 -0.55 0.00	14.77 -0.54 0.00	15.84 -0.78 0.00	18.38 -0.96 -0.11	18.85 -1.00 -0.19	19.59 -1.18 -0.06	19.72 -1.04 0.00	19.87 -1.11 0.00	19.70 -1.06 0.00	19.46 -1.35 -0.01	19.25 -1.33 -0.07	20.77 -1.47 0.00	21.29 -1.47 -0.10	22.23 -1.30 -0.33	26.33 -1.42 -0.43	26.62 -1.68 -0.28	25.42 -1.55 -0.26	25.69 -1.55 0.00	22.10 -1.24 0.00	21.00 -0.65 0.00	18.96 -0.81 0.00
LOCKPORT____CC1 323769	17.92 -0.71 0.00	16.00 -0.67 0.00	15.18 -0.71 -0.02	14.79 -0.54 0.00	14.77 -0.54 0.00	15.85 -0.76 0.00	18.40 -0.94 -0.11	18.83 -1.02 -0.19	19.61 -1.16 -0.06	19.66 -1.10 0.00	19.89 -1.09 0.00	19.74 -1.02 0.00	19.48 -1.33 -0.01	19.27 -1.31 -0.07	20.80 -1.45 0.00	21.32 -1.45 -0.11	22.27 -1.28 -0.34	26.34 -1.42 -0.44	26.62 -1.68 -0.29	25.43 -1.55 -0.26	25.69 -1.55 0.00	22.10 -1.24 0.00	21.00 -0.65 0.00	18.96 -0.81 0.00
LOCKPORT____CC2 323770	17.92 -0.71 0.00	16.00 -0.67 0.00	15.18 -0.71 -0.02	14.79 -0.54 0.00	14.77 -0.54 0.00	15.85 -0.76 0.00	18.40 -0.94 -0.11	18.83 -1.02 -0.19	19.61 -1.16 -0.06	19.66 -1.10 0.00	19.89 -1.09 0.00	19.74 -1.02 0.00	19.48 -1.33 -0.01	19.27 -1.31 -0.07	20.80 -1.45 0.00	21.32 -1.45 -0.11	22.27 -1.28 -0.34	26.34 -1.42 -0.44	26.62 -1.68 -0.29	25.43 -1.55 -0.26	25.69 -1.55 0.00	22.10 -1.24 0.00	21.00 -0.65 0.00	18.96 -0.81 0.00
LOCKPORT____CC3 323771	17.92 -0.71 0.00	16.00 -0.67 0.00	15.18 -0.71 -0.02	14.79 -0.54 0.00	14.77 -0.54 0.00	15.85 -0.76 0.00	18.40 -0.94 -0.11	18.83 -1.02 -0.19	19.61 -1.16 -0.06	19.66 -1.10 0.00	19.89 -1.09 0.00	19.74 -1.02 0.00	19.48 -1.33 -0.01	19.27 -1.31 -0.07	20.80 -1.45 0.00	21.32 -1.45 -0.11	22.27 -1.28 -0.34	26.34 -1.42 -0.44	26.62 -1.68 -0.29	25.43 -1.55 -0.26	25.69 -1.55 0.00	22.10 -1.24 0.00	21.00 -0.65 0.00	18.96 -0.81 0.00

LONG_LAKE_PHOENIX 24014	18.46 -0.17 0.00	16.50 -0.17 0.00	15.71 -0.17 -0.01	15.16 -0.17 0.00	15.15 -0.15 0.00	16.44 -0.18 0.00	19.64 0.35 -0.07	20.08 0.31 -0.10	21.03 0.29 -0.03	21.11 0.35 0.00	21.25 0.27 0.00	20.40 -0.35 0.00	20.41 -0.40 0.00	20.15 -0.37 -0.01	22.55 0.31 0.00	23.01 0.29 -0.06	23.71 0.32 -0.18	27.99 0.44 -0.23	27.57 -0.45 0.00	26.31 -0.40 0.00	26.86 -0.38 0.00	22.98 -0.35 0.00	21.42 -0.24 0.00	19.62 -0.16 0.00
LOVETT___3 23632	19.52 0.89 0.00	17.48 0.82 0.00	16.78 0.79 -0.10	16.06 0.74 0.00	16.02 0.72 0.00	17.42 0.80 0.00	20.89 0.98 -0.68	21.99 1.16 -1.16	22.35 1.26 -0.38	22.08 1.33 0.00	22.38 1.41 0.00	22.17 1.41 0.00	22.33 1.48 -0.05	22.42 1.48 -0.44	23.84 1.60 0.00	24.98 1.68 -0.64	27.00 1.74 -2.06	31.97 1.99 -2.66	31.79 1.96 -1.81	30.16 1.79 -1.66	28.85 1.61 0.00	24.71 1.38 0.00	22.76 1.10 0.00	20.78 1.01 0.00
LOVETT___4 23642	19.52 0.89 0.00	17.48 0.82 0.00	16.78 0.79 -0.10	16.06 0.74 0.00	16.02 0.72 0.00	17.42 0.80 0.00	20.89 0.98 -0.68	21.99 1.16 -1.16	22.35 1.26 -0.38	22.08 1.33 0.00	22.38 1.41 0.00	22.17 1.41 0.00	22.33 1.48 -0.05	22.42 1.48 -0.44	23.84 1.60 0.00	24.98 1.68 -0.64	27.00 1.74 -2.06	31.97 1.99 -2.66	31.79 1.96 -1.81	30.16 1.79 -1.66	28.85 1.61 0.00	24.71 1.38 0.00	22.76 1.10 0.00	20.78 1.01 0.00
LOVETT___5 23593	19.52 0.89 0.00	17.48 0.82 0.00	16.78 0.79 -0.10	16.06 0.74 0.00	16.02 0.72 0.00	17.42 0.80 0.00	20.89 0.98 -0.68	21.99 1.16 -1.16	22.35 1.26 -0.38	22.08 1.33 0.00	22.38 1.41 0.00	22.17 1.41 0.00	22.33 1.48 -0.05	22.42 1.48 -0.44	23.84 1.60 0.00	24.98 1.68 -0.64	27.00 1.74 -2.06	31.97 1.99 -2.66	31.79 1.96 -1.81	30.16 1.79 -1.66	28.85 1.61 0.00	24.71 1.38 0.00	22.76 1.10 0.00	20.78 1.01 0.00
LOWER RAQUET___HYD 24057	18.68 0.06 0.00	16.66 0.00 0.00	15.86 -0.02 0.00	15.30 -0.03 0.00	15.31 0.00 0.00	16.65 0.03 0.00	19.27 0.04 0.00	19.74 0.08 0.00	20.81 0.10 0.00	20.71 -0.04 0.00	20.93 -0.04 0.00	20.67 -0.08 0.00	20.75 -0.06 0.00	20.37 -0.14 0.00	22.13 -0.11 0.00	22.51 -0.16 0.00	22.71 -0.49 0.00	26.83 -0.49 0.00	27.57 -0.45 0.00	26.34 -0.37 0.00	27.27 0.03 0.00	23.45 0.12 0.00	21.76 0.11 0.00	19.79 0.02 0.00
LOWER___HUDSON 24059	19.50 0.88 0.00	17.48 0.82 0.00	16.82 0.81 -0.13	16.11 0.78 0.00	16.09 0.78 0.00	17.48 0.86 0.00	21.10 1.00 -0.87	23.61 1.06 -2.89	22.87 1.14 -1.03	21.90 1.14 0.00	22.13 1.15 0.00	21.90 1.14 0.00	22.08 1.14 -0.12	22.62 1.15 -0.96	23.46 1.22 0.00	25.61 1.25 -1.70	30.01 1.30 -5.51	35.94 1.50 -7.12	34.38 1.51 -4.85	32.59 1.44 -4.44	28.65 1.42 0.00	24.57 1.24 0.00	22.69 1.04 0.00	20.72 0.95 0.00
LOWVILLE_115KV_TB2 356335	19.02 0.39 0.00	16.96 0.30 0.00	16.14 0.25 0.00	15.57 0.25 0.00	15.58 0.28 0.00	16.97 0.35 0.00	19.84 0.58 -0.03	20.24 0.57 -0.01	21.22 0.52 0.00	21.07 0.31 0.00	21.12 0.15 0.00	20.80 0.04 0.00	20.83 0.02 0.00	20.53 0.02 -0.01	22.40 0.16 0.00	22.80 0.14 0.00	23.32 0.12 0.00	27.78 0.46 0.00	28.46 0.45 0.00	27.32 0.61 0.00	28.00 0.76 0.00	24.01 0.68 0.00	22.28 0.63 0.00	20.31 0.53 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	19.80 1.17 0.00	17.71 1.05 0.00	17.05 1.03 -0.13	16.33 1.00 0.00	16.30 0.99 0.00	17.72 1.10 0.00	21.44 1.33 -0.88	24.28 1.42 -3.20	23.32 1.47 -1.14	22.19 1.43 0.00	22.45 1.47 0.00	22.15 1.39 0.00	22.36 1.42 -0.14	22.95 1.39 -1.05	23.75 1.51 0.00	26.12 1.56 -1.89	30.96 1.62 -6.13	37.21 1.97 -7.93	35.38 1.96 -5.40	33.56 1.90 -4.95	29.17 1.93 0.00	25.01 1.68 0.00	23.10 1.45 0.00	21.02 1.25 0.00
LUTHERNY_35_KV_BK2 355980	19.80 1.17 0.00	17.71 1.05 0.00	17.05 1.03 -0.13	16.33 1.00 0.00	16.30 0.99 0.00	17.72 1.10 0.00	21.44 1.33 -0.88	24.28 1.42 -3.20	23.32 1.47 -1.14	22.21 1.45 0.00	22.45 1.47 0.00	22.17 1.41 0.00	22.36 1.42 -0.14	22.95 1.39 -1.05	23.75 1.51 0.00	26.12 1.56 -1.89	30.98 1.65 -6.13	37.24 1.99 -7.93	35.38 1.96 -5.40	33.58 1.92 -4.95	29.17 1.93 0.00	25.04 1.70 0.00	23.13 1.47 0.00	21.02 1.25 0.00
LWR___OSWEGATCHIE_HYD 23850	18.81 0.19 0.00	16.78 0.12 0.00	15.96 0.08 0.00	15.42 0.09 0.00	15.41 0.11 0.00	16.78 0.17 0.00	19.56 0.31 -0.02	20.00 0.33 0.00	21.01 0.31 0.00	20.90 0.15 0.00	21.04 0.06 0.00	20.69 -0.06 0.00	20.77 -0.04 0.00	20.43 -0.08 0.00	22.26 0.02 0.00	22.66 0.00 0.00	23.02 -0.19 0.00	27.29 -0.03 0.00	27.96 -0.06 0.00	26.79 0.08 0.00	27.62 0.38 0.00	23.71 0.37 0.00	22.02 0.37 0.00	20.03 0.26 0.00
LYONS_FALL_HYD 23570	19.02 0.39 0.00	16.96 0.30 0.00	16.15 0.27 0.00	15.59 0.26 0.00	15.58 0.28 0.00	16.97 0.35 0.00	19.80 0.54 -0.03	20.20 0.53 -0.01	21.18 0.48 0.00	21.07 0.31 0.00	21.21 0.23 0.00	20.96 0.21 0.00	21.00 0.19 0.00	20.64 0.12 -0.01	22.46 0.22 0.00	22.89 0.23 0.00	23.43 0.23 0.00	27.81 0.49 0.00	28.52 0.50 0.00	27.33 0.61 0.00	27.97 0.74 0.00	23.96 0.63 0.00	22.22 0.56 0.00	20.29 0.51 0.00
MADISON___COUNTY_LFGE 323628	19.06 0.43 0.00	17.01 0.35 0.00	16.20 0.32 -0.01	15.64 0.31 0.00	15.63 0.32 0.00	17.00 0.38 0.00	19.81 0.54 -0.05	20.21 0.53 -0.01	21.22 0.52 0.00	21.27 0.52 0.00	21.38 0.40 0.00	21.19 0.44 0.00	21.14 0.33 0.00	20.85 0.33 -0.01	22.66 0.42 0.00	23.12 0.45 0.00	23.66 0.46 0.00	27.95 0.63 0.00	28.66 0.64 0.00	27.43 0.72 0.00	28.00 0.76 0.00	23.99 0.65 0.00	22.24 0.58 0.00	20.33 0.55 0.00
MALONE___115KV_TB1 356076	18.87 0.24 0.00	16.80 0.13 0.00	15.96 0.08 0.00	15.39 0.06 0.00	15.40 0.09 0.00	16.75 0.13 0.00	19.38 0.15 0.00	19.90 0.24 0.00	20.99 0.29 0.00	20.90 0.15 0.00	21.17 0.19 0.00	20.82 0.06 0.00	20.93 0.12 0.00	20.57 0.06 0.00	22.40 0.16 0.00	22.87 0.20 0.00	23.27 0.07 0.00	27.48 0.16 0.00	28.30 0.28 0.00	26.95 0.24 0.00	27.78 0.54 0.00	23.75 0.42 0.00	22.09 0.43 0.00	20.05 0.28 0.00
MAPLEWOD_115KV_TB3 80458	19.50 0.88 0.00	17.50 0.83 0.00	16.84 0.83 -0.13	16.13 0.80 0.00	16.09 0.78 0.00	17.48 0.86 0.00	21.08 0.98 -0.87	23.31 1.04 -2.61	22.74 1.12 -0.92	21.86 1.10 0.00	22.09 1.11 0.00	21.90 1.14 0.00	22.06 1.14 -0.11	22.50 1.11 -0.88	23.44 1.20 0.00	25.41 1.22 -1.52	29.41 1.28 -4.94	35.20 1.50 -6.38	33.85 1.48 -4.34	32.11 1.42 -3.98	28.66 1.42 0.00	24.57 1.24 0.00	22.72 1.06 0.00	20.70 0.93 0.00
MAPLE RIDGE_WT_1 323574	18.35 -0.28 0.00	16.41 -0.25 0.00	15.64 -0.24 0.00	15.08 -0.25 0.00	15.05 -0.26 0.00	16.34 -0.28 0.00	18.90 -0.33 0.00	19.37 -0.29 0.00	20.41 -0.29 0.00	20.45 -0.31 0.00	20.66 -0.31 0.00	20.38 -0.37 0.00	20.41 -0.40 0.00	20.10 -0.41 0.00	21.77 -0.47 0.00	22.21 -0.45 0.00	22.74 -0.46 0.00	26.83 -0.49 0.00	27.60 -0.42 0.00	26.36 -0.35 0.00	26.97 -0.27 0.00	23.10 -0.23 0.00	21.44 -0.22 0.00	19.56 -0.22 0.00

MAPLE RIDGE_WT_2 323611	18.35 -0.28 0.00	16.41 -0.25 0.00	15.64 -0.24 0.00	15.08 -0.25 0.00	15.05 -0.26 0.00	16.34 -0.28 0.00	18.90 -0.33 0.00	19.37 -0.29 0.00	20.41 -0.29 0.00	20.45 -0.31 0.00	20.66 -0.31 0.00	20.38 -0.37 0.00	20.41 -0.40 0.00	20.10 -0.41 0.00	21.77 -0.47 0.00	22.21 -0.45 0.00	22.74 -0.46 0.00	26.83 -0.49 0.00	27.60 -0.42 0.00	26.36 -0.35 0.00	26.97 -0.27 0.00	23.10 -0.23 0.00	21.44 -0.22 0.00	19.56 -0.22 0.00
MARBLE RIVER_WT_PWR 323696	18.76 0.13 0.00	16.71 0.05 0.00	15.88 0.00 0.00	15.31 -0.02 0.00	15.32 0.02 0.00	16.64 0.02 0.00	19.25 0.02 0.00	19.78 0.12 0.00	20.83 0.12 0.00	20.80 0.04 0.00	21.04 0.06 0.00	20.65 -0.10 0.00	20.75 -0.06 0.00	20.47 -0.04 0.00	22.29 0.04 0.00	22.78 0.11 0.00	23.25 0.05 0.00	27.46 0.14 0.00	28.27 0.25 0.00	26.95 0.24 0.00	27.70 0.46 0.00	23.71 0.37 0.00	22.04 0.39 0.00	20.01 0.24 0.00
MARSHVLE_115KV_TB1 80742	20.19 1.56 0.00	17.98 1.32 0.00	17.29 1.25 -0.16	16.56 1.23 0.00	16.56 1.26 0.00	18.00 1.38 0.00	22.08 1.79 -1.06	24.45 1.89 -2.90	23.58 1.86 -1.01	22.54 1.79 0.00	22.76 1.78 0.00	22.46 1.70 0.00	22.62 1.69 -0.12	23.16 1.66 -0.99	24.09 1.85 0.00	26.29 1.95 -1.68	30.70 2.06 -5.44	36.91 2.57 -7.03	35.38 2.58 -4.79	33.69 2.59 -4.38	29.91 2.67 0.00	25.64 2.31 0.00	23.67 2.01 0.00	21.40 1.62 0.00
MARSH_HILL_WT_PWR 323713	18.76 0.13 0.00	16.73 0.07 0.00	15.92 0.02 -0.02	15.42 0.09 0.00	15.40 0.09 0.00	16.65 0.03 0.00	19.32 -0.06 -0.15	19.83 -0.10 -0.27	20.73 -0.06 -0.09	20.71 -0.04 0.00	20.91 -0.06 0.00	20.69 -0.06 0.00	20.61 -0.21 -0.01	20.32 -0.29 -0.10	22.00 -0.24 0.00	22.54 -0.27 -0.15	23.56 -0.12 -0.48	27.96 0.03 -0.62	28.31 -0.11 -0.41	27.11 0.03 -0.37	27.27 0.03 0.00	23.38 0.05 0.00	22.00 0.35 0.00	19.91 0.14 0.00
MCINTYRE_115KV_TB2 80467	18.81 0.19 0.00	16.78 0.12 0.00	15.96 0.08 0.00	15.41 0.08 0.00	15.40 0.09 0.00	16.77 0.15 0.00	19.40 0.17 0.00	19.88 0.22 0.00	20.95 0.25 0.00	20.88 0.12 0.00	21.08 0.10 0.00	20.82 0.06 0.00	20.89 0.08 0.00	20.49 -0.02 0.00	22.29 0.04 0.00	22.71 0.05 0.00	23.02 -0.19 0.00	27.15 -0.16 0.00	27.96 -0.06 0.00	26.74 0.03 0.00	27.59 0.35 0.00	23.64 0.30 0.00	21.94 0.28 0.00	19.91 0.14 0.00
MECO____69_KV_BK1 80468	20.70 2.07 0.00	18.40 1.73 0.00	17.68 1.65 -0.15	16.95 1.62 0.00	16.97 1.67 0.00	18.46 1.84 0.00	22.60 2.37 -1.01	24.81 2.08 -3.06	23.79 2.01 -1.08	22.85 2.10 0.00	22.80 1.82 0.00	22.69 1.93 0.00	22.67 1.73 -0.13	23.24 1.70 -1.03	24.13 1.89 0.00	26.42 1.97 -1.79	31.09 2.09 -5.80	37.52 2.70 -7.49	35.92 2.80 -5.11	34.22 2.83 -4.68	30.18 2.94 0.00	25.88 2.54 0.00	23.86 2.21 0.00	21.87 2.10 0.00
MENANDS__115KV_TB5 355628	19.24 0.61 0.00	17.33 0.67 0.00	16.69 0.68 -0.13	15.99 0.66 0.00	15.93 0.63 0.00	17.32 0.70 0.00	20.82 0.73 -0.86	22.95 0.81 -2.48	22.44 0.87 -0.87	21.59 0.83 0.00	21.86 0.88 0.00	21.65 0.89 0.00	21.83 0.92 -0.11	22.23 0.88 -0.84	23.17 0.93 0.00	25.05 0.95 -1.44	28.84 0.97 -4.67	34.44 1.09 -6.03	33.22 1.09 -4.11	31.49 1.02 -3.76	28.25 1.01 0.00	24.20 0.86 0.00	22.39 0.74 0.00	20.45 0.67 0.00
MG INDUSTRY__DRP 24185	19.30 0.67 0.00	17.36 0.70 0.00	16.71 0.70 -0.13	16.00 0.67 0.00	15.96 0.66 0.00	17.33 0.71 0.00	20.84 0.77 -0.84	22.49 0.85 -1.98	22.28 0.89 -0.68	21.61 0.85 0.00	21.86 0.88 0.00	21.63 0.87 0.00	21.79 0.89 -0.08	22.07 0.86 -0.70	23.15 0.91 0.00	24.72 0.93 -1.13	27.81 0.95 -3.66	33.14 1.09 -4.73	32.36 1.12 -3.22	30.70 1.04 -2.95	28.30 1.06 0.00	24.24 0.91 0.00	22.46 0.80 0.00	20.47 0.69 0.00
MID__OSWEGATCHIE_HYD 23849	18.81 0.19 0.00	16.78 0.12 0.00	15.96 0.08 0.00	15.42 0.09 0.00	15.41 0.11 0.00	16.78 0.17 0.00	19.56 0.31 -0.02	20.00 0.33 0.00	21.01 0.31 0.00	20.90 0.15 0.00	21.04 0.06 0.00	20.69 -0.06 0.00	20.77 -0.04 0.00	20.43 -0.08 0.00	22.26 0.02 0.00	22.66 0.00 0.00	23.02 -0.19 0.00	27.29 -0.03 0.00	27.96 -0.06 0.00	26.79 0.08 0.00	27.62 0.38 0.00	23.71 0.37 0.00	22.02 0.37 0.00	20.03 0.26 0.00
MID__RAQUETTE_HYD 23851	18.68 0.06 0.00	16.66 0.00 0.00	15.86 -0.02 0.00	15.30 -0.03 0.00	15.31 0.00 0.00	16.65 0.03 0.00	19.27 0.04 0.00	19.74 0.08 0.00	20.81 0.10 0.00	20.74 -0.02 0.00	20.93 -0.04 0.00	20.67 -0.08 0.00	20.73 -0.08 0.00	20.36 -0.14 0.00	22.13 -0.11 0.00	22.50 -0.16 0.00	22.71 -0.49 0.00	26.83 -0.49 0.00	27.57 -0.45 0.00	26.34 -0.37 0.00	27.29 0.05 0.00	23.45 0.12 0.00	21.76 0.11 0.00	19.79 0.02 0.00
MILLIKEN__1 23584	18.94 0.32 0.00	16.91 0.25 0.00	16.11 0.21 -0.02	15.56 0.23 0.00	15.53 0.23 0.00	16.87 0.25 0.00	19.86 0.48 -0.15	20.43 0.49 -0.27	21.25 0.46 -0.09	21.25 0.50 0.00	21.38 0.40 0.00	21.07 0.31 0.00	21.07 0.25 -0.01	20.88 0.27 -0.10	22.66 0.42 0.00	23.27 0.45 -0.15	24.20 0.51 -0.48	28.65 0.71 -0.63	28.84 0.42 -0.40	27.56 0.48 -0.37	27.76 0.52 0.00	23.75 0.42 0.00	22.11 0.45 0.00	20.17 0.40 0.00
MILLIKEN__2 23585	18.94 0.32 0.00	16.91 0.25 0.00	16.11 0.21 -0.02	15.56 0.23 0.00	15.53 0.23 0.00	16.87 0.25 0.00	19.86 0.48 -0.15	20.43 0.49 -0.27	21.25 0.46 -0.09	21.25 0.50 0.00	21.38 0.40 0.00	21.07 0.31 0.00	21.07 0.25 -0.01	20.88 0.27 -0.10	22.66 0.42 0.00	23.27 0.45 -0.15	24.20 0.51 -0.48	28.65 0.71 -0.63	28.84 0.42 -0.40	27.56 0.48 -0.37	27.76 0.52 0.00	23.75 0.42 0.00	22.11 0.45 0.00	20.17 0.40 0.00
MILLIKEN__DIESEL 23629	18.94 0.32 0.00	16.91 0.25 0.00	16.11 0.21 -0.02	15.56 0.23 0.00	15.53 0.23 0.00	16.87 0.25 0.00	19.86 0.48 -0.15	20.43 0.49 -0.27	21.25 0.46 -0.09	21.25 0.50 0.00	21.38 0.40 0.00	21.07 0.31 0.00	21.07 0.25 -0.01	20.88 0.27 -0.10	22.66 0.42 0.00	23.27 0.45 -0.15	24.20 0.51 -0.48	28.65 0.71 -0.63	28.84 0.42 -0.40	27.56 0.48 -0.37	27.76 0.52 0.00	23.75 0.42 0.00	22.11 0.45 0.00	20.17 0.40 0.00
MILLSEAT__LFGE 323607	18.07 -0.56 0.00	16.13 -0.53 0.00	15.31 -0.59 -0.02	14.90 -0.43 0.00	14.89 -0.41 0.00	15.99 -0.63 0.00	18.53 -0.81 -0.11	19.01 -0.84 -0.19	19.79 -0.97 -0.06	19.80 -0.95 0.00	20.05 -0.92 0.00	19.90 -0.85 0.00	19.63 -1.19 -0.01	19.39 -1.19 -0.07	20.93 -1.31 0.00	21.48 -1.29 -0.10	22.63 -0.91 -0.34	26.80 -0.96 -0.44	27.15 -1.15 -0.29	25.93 -1.04 -0.26	26.23 -1.01 0.00	22.54 -0.79 0.00	21.37 -0.28 0.00	19.26 -0.51 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	19.58 0.95 0.00	17.53 0.87 0.00	16.83 0.84 -0.11	16.13 0.80 0.00	16.09 0.78 0.00	17.47 0.85 0.00	20.97 1.04 -0.70	22.10 1.24 -1.19	22.42 1.32 -0.40	22.15 1.39 0.00	22.42 1.45 0.00	22.21 1.45 0.00	22.40 1.54 -0.05	22.48 1.52 -0.45	23.89 1.65 0.00	25.04 1.72 -0.65	27.11 1.79 -2.12	32.11 2.05 -2.74	31.92 2.05 -1.86	30.29 1.87 -1.71	28.95 1.72 0.00	24.78 1.45 0.00	22.82 1.17 0.00	20.84 1.07 0.00

MILLWOOD_13_KV_LOAD 356217	19.60 0.97 0.00	17.55 0.88 0.00	16.86 0.87 -0.11	16.16 0.83 0.00	16.10 0.80 0.00	17.48 0.86 0.00	20.98 1.06 -0.70	22.12 1.26 -1.19	22.44 1.35 -0.40	22.15 1.39 0.00	22.45 1.47 0.00	22.23 1.47 0.00	22.40 1.54 -0.05	22.50 1.54 -0.45	23.91 1.67 0.00	25.06 1.75 -0.65	27.15 1.83 -2.12	32.13 2.08 -2.74	31.95 2.07 -1.86	30.34 1.92 -1.71	29.04 1.80 0.00	24.83 1.49 0.00	22.82 1.17 0.00	20.84 1.07 0.00
MODEL_CITY_ENERGY 24167	17.75 -0.88 0.00	15.86 -0.80 0.00	15.02 -0.87 -0.02	14.67 -0.66 0.00	14.65 -0.66 0.00	15.70 -0.91 0.00	18.23 -1.12 -0.11	18.64 -1.22 -0.19	19.40 -1.37 -0.06	19.43 -1.33 0.00	19.68 -1.30 0.00	19.51 -1.24 0.00	19.28 -1.54 -0.01	19.06 -1.52 -0.07	20.57 -1.67 0.00	21.07 -1.70 -0.11	22.01 -1.53 -0.34	26.01 -1.75 -0.45	26.32 -1.99 -0.29	25.14 -1.84 -0.27	25.36 -1.88 0.00	21.84 -1.49 0.00	20.79 -0.87 0.00	18.77 -1.01 0.00
MODERN_LFGE_ 323580	17.75 -0.88 0.00	15.86 -0.80 0.00	15.02 -0.87 -0.02	14.67 -0.66 0.00	14.65 -0.66 0.00	15.70 -0.91 0.00	18.23 -1.12 -0.11	18.64 -1.22 -0.19	19.40 -1.37 -0.06	19.43 -1.33 0.00	19.68 -1.30 0.00	19.51 -1.24 0.00	19.28 -1.54 -0.01	19.06 -1.52 -0.07	20.57 -1.67 0.00	21.07 -1.70 -0.11	22.01 -1.53 -0.34	26.01 -1.75 -0.45	26.32 -1.99 -0.29	25.14 -1.84 -0.27	25.36 -1.88 0.00	21.84 -1.49 0.00	20.79 -0.87 0.00	18.77 -1.01 0.00
MOHAWK_PAPER___DRP 24187	19.50 0.88 0.00	17.50 0.83 0.00	16.84 0.83 -0.13	16.13 0.80 0.00	16.09 0.78 0.00	17.48 0.86 0.00	21.08 0.98 -0.87	23.31 1.04 -2.61	22.74 1.12 -0.92	21.86 1.10 0.00	22.09 1.11 0.00	21.90 1.14 0.00	22.06 1.14 -0.11	22.50 1.11 -0.88	23.44 1.20 0.00	25.41 1.22 -1.52	29.41 1.28 -4.94	35.20 1.50 -6.38	33.85 1.48 -4.34	32.11 1.42 -3.98	28.66 1.42 0.00	24.57 1.24 0.00	22.72 1.06 0.00	20.70 0.93 0.00
MOHICAN__35_KV_115KV_LD 80490	20.06 1.43 0.00	17.93 1.27 0.00	17.25 1.24 -0.13	16.52 1.20 0.00	16.51 1.21 0.00	17.95 1.33 0.00	21.77 1.65 -0.89	24.61 1.73 -3.21	23.75 1.90 -1.14	22.62 1.87 0.00	22.82 1.85 0.00	22.42 1.66 0.00	22.53 1.58 -0.14	23.12 1.56 -1.05	23.95 1.71 0.00	26.35 1.79 -1.90	31.24 1.88 -6.16	37.69 2.40 -7.97	35.82 2.38 -5.43	34.01 2.32 -4.97	29.64 2.40 0.00	25.43 2.10 0.00	23.47 1.82 0.00	21.28 1.50 0.00
MONGAUP___HYD 23641	19.45 0.82 0.00	17.40 0.73 0.00	16.64 0.67 -0.10	15.96 0.63 0.00	15.92 0.61 0.00	17.30 0.68 0.00	20.76 0.89 -0.64	21.74 0.98 -1.10	22.10 1.03 -0.36	21.81 1.06 0.00	22.07 1.09 0.00	21.81 1.06 0.00	21.93 1.08 -0.04	22.05 1.13 -0.42	23.46 1.22 0.00	24.55 1.29 -0.60	26.54 1.39 -1.95	31.50 1.67 -2.52	31.46 1.74 -1.71	29.85 1.58 -1.57	28.68 1.44 0.00	24.64 1.31 0.00	22.69 1.04 0.00	20.70 0.93 0.00
MONTAUK___DIESEL 23721	30.06 1.83 -9.60	24.81 1.72 -6.43	22.51 1.72 -4.92	21.92 1.64 -4.95	22.27 1.61 -5.35	25.86 1.71 -7.53	29.22 2.10 -7.89	24.37 2.52 -2.19	24.80 2.61 -1.48	23.76 2.43 -0.57	26.63 2.64 -3.01	27.90 2.49 -4.66	28.74 2.79 -5.14	28.87 2.71 -5.65	33.33 2.96 -8.13	36.97 3.10 -11.20	41.33 3.27 -14.86	51.12 3.88 -19.92	53.34 3.92 -21.40	40.43 3.63 -10.09	38.78 3.49 -8.06	38.17 2.94 -11.90	28.68 2.56 -4.47	26.40 1.96 -4.67
MOONROAD_115KV_HARTFLD_TB1-2 355988	18.63 0.00 0.00	16.65 -0.02 0.00	15.84 -0.06 -0.02	15.36 0.03 0.00	15.37 0.06 0.00	16.59 -0.03 0.00	19.07 -0.29 -0.13	19.93 0.04 -0.23	20.76 -0.02 -0.08	20.92 0.17 0.00	21.17 0.19 0.00	20.84 0.08 0.00	20.61 -0.21 -0.01	20.29 -0.31 -0.09	21.97 -0.27 0.00	22.52 -0.27 -0.13	23.56 -0.05 -0.41	27.95 0.11 -0.53	28.14 -0.22 -0.35	26.87 -0.16 -0.32	26.97 -0.27 0.00	23.24 -0.09 0.00	22.00 0.35 0.00	19.85 0.08 0.00
MORTIMER_115KV_TB3 55949	18.37 -0.26 0.00	16.41 -0.25 0.00	15.62 -0.27 -0.01	15.10 -0.23 0.00	15.09 -0.21 0.00	16.30 -0.32 0.00	19.09 -0.23 -0.09	19.52 -0.29 -0.15	20.38 -0.37 -0.05	20.47 -0.29 0.00	20.66 -0.31 0.00	20.44 -0.31 0.00	20.34 -0.48 -0.01	20.12 -0.45 -0.06	21.73 -0.51 0.00	22.29 -0.45 -0.08	23.03 -0.44 -0.27	27.23 -0.44 -0.35	27.63 -0.62 -0.23	26.38 -0.53 -0.21	26.78 -0.46 0.00	22.94 -0.40 0.00	21.59 -0.06 0.00	19.48 -0.30 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	19.71 1.08 0.00	17.65 0.98 0.00	16.95 0.97 -0.11	16.23 0.90 0.00	16.19 0.89 0.00	17.58 0.96 0.00	21.09 1.15 -0.70	22.27 1.40 -1.21	22.61 1.49 -0.41	22.33 1.56 -0.02	22.61 1.62 -0.02	22.41 1.64 -0.02	22.67 1.71 -0.16	23.67 1.70 -1.46	25.44 1.85 -1.36	27.54 1.93 -2.95	28.82 2.00 -3.63	36.33 2.29 -6.71	32.17 2.27 -1.89	30.52 2.08 -1.73	29.18 1.93 -0.01	24.94 1.61 0.00	23.00 1.34 -0.01	21.00 1.23 0.00
MUNSVILLE_WIND_PWR 323609	19.65 1.02 0.00	17.50 0.83 0.00	16.67 0.76 -0.03	16.08 0.75 0.00	16.09 0.78 0.00	17.53 0.91 0.00	20.68 1.23 -0.22	21.39 1.24 -0.48	22.01 1.14 -0.17	21.73 0.98 0.00	21.82 0.84 0.00	21.50 0.75 0.00	21.49 0.67 -0.02	21.29 0.61 -0.17	22.97 0.73 0.00	23.78 0.84 -0.27	25.09 1.00 -0.89	29.83 1.37 -1.15	30.26 1.48 -0.76	29.14 1.74 -0.70	29.20 1.96 0.00	25.01 1.68 0.00	23.15 1.49 0.00	21.06 1.28 0.00
N SALMON___HYD 24042	18.87 0.24 0.00	16.80 0.13 0.00	15.96 0.08 0.00	15.39 0.06 0.00	15.40 0.09 0.00	16.75 0.13 0.00	19.38 0.15 0.00	19.90 0.24 0.00	20.99 0.29 0.00	20.92 0.17 0.00	21.17 0.19 0.00	20.82 0.06 0.00	20.91 0.10 0.00	20.57 0.06 0.00	22.40 0.16 0.00	22.87 0.20 0.00	23.27 0.07 0.00	27.48 0.16 0.00	28.30 0.28 0.00	26.95 0.24 0.00	27.78 0.54 0.00	23.75 0.42 0.00	22.09 0.43 0.00	20.05 0.28 0.00
N.AKRON__115KV_KNAPP 355671	18.11 -0.52 0.00	16.16 -0.50 0.00	15.32 -0.57 -0.02	14.92 -0.41 0.00	14.91 -0.40 0.00	16.00 -0.61 0.00	18.57 -0.77 -0.11	19.05 -0.81 -0.19	19.79 -0.97 -0.06	19.93 -0.83 0.00	20.07 -0.90 0.00	19.93 -0.83 0.00	19.65 -1.17 -0.01	19.41 -1.17 -0.07	20.97 -1.27 0.00	21.50 -1.27 -0.10	22.62 -0.90 -0.32	26.81 -0.93 -0.42	27.14 -1.15 -0.27	25.92 -1.04 -0.25	26.23 -1.01 0.00	22.54 -0.79 0.00	21.37 -0.28 0.00	19.26 -0.51 0.00
N.BELMOR_69_KV_BK1 55787	29.59 1.36 -9.60	24.33 1.23 -6.43	21.99 1.19 -4.92	21.41 1.13 -4.95	21.78 1.12 -5.35	25.36 1.21 -7.53	28.58 1.46 -7.89	23.59 1.73 -2.19	24.05 1.86 -1.48	23.16 1.83 -0.57	25.92 1.93 -3.01	27.28 1.87 -4.66	27.95 2.00 -5.14	28.13 1.97 -5.65	32.48 2.11 -8.13	36.07 2.20 -11.20	40.36 2.30 -14.86	49.92 2.68 -19.92	52.11 2.69 -21.40	39.26 2.46 -10.09	37.64 2.34 -8.06	37.19 1.96 -11.90	27.88 1.75 -4.47	25.97 1.52 -4.67
N.E._GEN_SANDY PD 24062	19.47 0.84 0.00	17.45 0.78 0.00	16.78 0.78 -0.12	16.08 0.75 0.00	16.04 0.73 0.00	18.01 0.83 -0.56	23.30 0.96 -3.11	22.35 1.06 -1.62	22.37 1.12 -0.55	21.92 1.16 0.00	22.13 1.15 0.00	21.94 1.18 0.00	22.08 1.21 -0.07	22.33 1.23 -0.59	23.53 1.29 0.00	24.91 1.34 -0.91	27.52 1.37 -2.95	32.66 1.53 -3.81	32.15 1.54 -2.59	30.53 1.44 -2.38	28.60 1.36 0.00	24.50 1.17 0.00	22.61 0.95 0.00	20.68 0.91 0.00

N. HEMPST_138_KV_BK345_REV_LBMP_G 345014	19.54 0.91 0.00	17.50 0.83 0.00	16.78 0.79 -0.10	16.08 0.75 0.00	16.04 0.73 0.00	17.43 0.81 0.00	20.91 1.00 -0.68	22.00 1.18 -1.16	22.37 1.28 -0.38	22.11 1.35 0.00	22.40 1.43 0.00	22.19 1.43 0.00	22.35 1.50 -0.05	22.44 1.50 -0.44	23.86 1.62 0.00	25.00 1.70 -0.63	27.04 1.79 -2.06	32.02 2.05 -2.66	31.84 2.02 -1.81	30.18 1.82 -1.65	28.87 1.63 0.00	24.73 1.40 0.00	22.78 1.13 0.00	20.80 1.03 0.00
N. QUEENS_27_KV_LOAD 356247	19.89 1.27 0.00	17.85 1.18 -0.01	17.14 1.14 -0.11	16.41 1.07 -0.01	16.37 1.06 -0.01	17.75 1.13 0.00	21.18 1.25 -0.70	22.29 1.42 -1.21	22.59 1.47 -0.41	22.41 1.64 -0.02	22.61 1.62 -0.02	22.45 1.68 -0.02	22.77 1.81 -0.15	23.81 1.83 -1.48	25.61 1.98 -1.39	27.73 2.06 -3.00	28.99 2.13 -3.66	32.58 2.49 -2.78	32.29 2.38 -1.89	30.53 2.08 -1.73	29.21 1.96 -0.01	25.11 1.77 0.00	23.18 1.52 -0.01	21.21 1.42 -0.01
N. TROY___115KV_TB1 355778	19.50 0.88 0.00	17.48 0.82 0.00	16.82 0.81 -0.13	16.11 0.78 0.00	16.09 0.78 0.00	17.48 0.86 0.00	21.10 1.00 -0.87	23.63 1.08 -2.89	22.87 1.14 -1.03	21.88 1.12 0.00	22.13 1.15 0.00	21.90 1.14 0.00	22.10 1.17 -0.12	22.62 1.15 -0.96	23.46 1.22 0.00	25.61 1.25 -1.70	30.01 1.30 -5.51	35.94 1.50 -7.12	34.38 1.51 -4.85	32.59 1.44 -4.44	28.66 1.42 0.00	24.57 1.24 0.00	22.69 1.04 0.00	20.72 0.95 0.00
NARROWS_GT1_1 24228	19.88 1.25 0.00	17.79 1.12 -0.01	17.09 1.09 -0.11	16.36 1.03 0.00	16.32 1.01 0.00	17.67 1.05 0.00	21.14 1.21 -0.70	22.29 1.42 -1.21	22.63 1.51 -0.41	22.39 1.62 -0.02	22.67 1.68 -0.02	22.47 1.70 -0.02	22.76 1.79 -0.16	23.80 1.81 -1.49	25.59 1.96 -1.39	27.74 2.06 -3.01	29.02 2.16 -3.67	36.70 2.54 -6.84	32.41 2.49 -1.90	30.69 2.24 -1.73	29.34 2.10 -0.01	25.11 1.77 0.00	23.20 1.54 -0.01	21.19 1.40 -0.01
NARROWS_GT1_2 24229	19.88 1.25 0.00	17.79 1.12 -0.01	17.09 1.09 -0.11	16.36 1.03 0.00	16.32 1.01 0.00	17.67 1.05 0.00	21.14 1.21 -0.70	22.29 1.42 -1.21	22.63 1.51 -0.41	22.39 1.62 -0.02	22.67 1.68 -0.02	22.47 1.70 -0.02	22.76 1.79 -0.16	23.80 1.81 -1.49	25.59 1.96 -1.39	27.74 2.06 -3.01	29.02 2.16 -3.67	36.70 2.54 -6.84	32.41 2.49 -1.90	30.69 2.24 -1.73	29.34 2.10 -0.01	25.11 1.77 0.00	23.20 1.54 -0.01	21.19 1.40 -0.01
NARROWS_GT1_3 24230	19.88 1.25 0.00	17.79 1.12 -0.01	17.09 1.09 -0.11	16.36 1.03 0.00	16.32 1.01 0.00	17.67 1.05 0.00	21.14 1.21 -0.70	22.29 1.42 -1.21	22.63 1.51 -0.41	22.39 1.62 -0.02	22.67 1.68 -0.02	22.47 1.70 -0.02	22.76 1.79 -0.16	23.80 1.81 -1.49	25.59 1.96 -1.39	27.74 2.06 -3.01	29.02 2.16 -3.67	36.70 2.54 -6.84	32.41 2.49 -1.90	30.69 2.24 -1.73	29.34 2.10 -0.01	25.11 1.77 0.00	23.20 1.54 -0.01	21.19 1.40 -0.01
NARROWS_GT1_4 24231	19.88 1.25 0.00	17.79 1.12 -0.01	17.09 1.09 -0.11	16.36 1.03 0.00	16.32 1.01 0.00	17.67 1.05 0.00	21.14 1.21 -0.70	22.29 1.42 -1.21	22.63 1.51 -0.41	22.39 1.62 -0.02	22.67 1.68 -0.02	22.47 1.70 -0.02	22.76 1.79 -0.16	23.80 1.81 -1.49	25.59 1.96 -1.39	27.74 2.06 -3.01	29.02 2.16 -3.67	36.70 2.54 -6.84	32.41 2.49 -1.90	30.69 2.24 -1.73	29.34 2.10 -0.01	25.11 1.77 0.00	23.20 1.54 -0.01	21.19 1.40 -0.01
NARROWS_GT1_5 24232	19.88 1.25 0.00	17.79 1.12 -0.01	17.09 1.09 -0.11	16.36 1.03 0.00	16.32 1.01 0.00	17.67 1.05 0.00	21.14 1.21 -0.70	22.29 1.42 -1.21	22.63 1.51 -0.41	22.39 1.62 -0.02	22.67 1.68 -0.02	22.47 1.70 -0.02	22.76 1.79 -0.16	23.80 1.81 -1.49	25.59 1.96 -1.39	27.74 2.06 -3.01	29.02 2.16 -3.67	36.70 2.54 -6.84	32.41 2.49 -1.90	30.69 2.24 -1.73	29.34 2.10 -0.01	25.11 1.77 0.00	23.20 1.54 -0.01	21.19 1.40 -0.01
NARROWS_GT1_6 24233	19.88 1.25 0.00	17.79 1.12 -0.01	17.09 1.09 -0.11	16.36 1.03 0.00	16.32 1.01 0.00	17.67 1.05 0.00	21.14 1.21 -0.70	22.29 1.42 -1.21	22.63 1.51 -0.41	22.39 1.62 -0.02	22.67 1.68 -0.02	22.47 1.70 -0.02	22.76 1.79 -0.16	23.80 1.81 -1.49	25.59 1.96 -1.39	27.74 2.06 -3.01	29.02 2.16 -3.67	36.70 2.54 -6.84	32.41 2.49 -1.90	30.69 2.24 -1.73	29.34 2.10 -0.01	25.11 1.77 0.00	23.20 1.54 -0.01	21.19 1.40 -0.01
NARROWS_GT1_7 24234	19.88 1.25 0.00	17.79 1.12 -0.01	17.09 1.09 -0.11	16.36 1.03 0.00	16.32 1.01 0.00	17.67 1.05 0.00	21.14 1.21 -0.70	22.29 1.42 -1.21	22.63 1.51 -0.41	22.39 1.62 -0.02	22.67 1.68 -0.02	22.47 1.70 -0.02	22.76 1.79 -0.16	23.80 1.81 -1.49	25.59 1.96 -1.39	27.74 2.06 -3.01	29.02 2.16 -3.67	36.70 2.54 -6.84	32.41 2.49 -1.90	30.69 2.24 -1.73	29.34 2.10 -0.01	25.11 1.77 0.00	23.20 1.54 -0.01	21.19 1.40 -0.01
NARROWS_GT1_8 24235	19.88 1.25 0.00	17.79 1.12 -0.01	17.09 1.09 -0.11	16.36 1.03 0.00	16.32 1.01 0.00	17.67 1.05 0.00	21.14 1.21 -0.70	22.29 1.42 -1.21	22.63 1.51 -0.41	22.39 1.62 -0.02	22.67 1.68 -0.02	22.47 1.70 -0.02	22.76 1.79 -0.16	23.80 1.81 -1.49	25.59 1.96 -1.39	27.74 2.06 -3.01	29.02 2.16 -3.67	36.70 2.54 -6.84	32.41 2.49 -1.90	30.69 2.24 -1.73	29.34 2.10 -0.01	25.11 1.77 0.00	23.20 1.54 -0.01	21.19 1.40 -0.01
NARROWS_GT2_1 24236	19.88 1.25 0.00	17.79 1.12 -0.01	17.09 1.09 -0.11	16.36 1.03 0.00	16.32 1.01 0.00	17.67 1.05 0.00	21.14 1.21 -0.70	22.29 1.42 -1.21	22.63 1.51 -0.41	22.39 1.62 -0.02	22.67 1.68 -0.02	22.47 1.70 -0.02	22.76 1.79 -0.16	23.80 1.81 -1.49	25.59 1.96 -1.39	27.74 2.06 -3.01	29.02 2.16 -3.67	36.70 2.54 -6.84	32.41 2.49 -1.90	30.69 2.24 -1.73	29.34 2.10 -0.01	25.11 1.77 0.00	23.20 1.54 -0.01	21.19 1.40 -0.01
NARROWS_GT2_2 24237	19.88 1.25 0.00	17.79 1.12 -0.01	17.09 1.09 -0.11	16.36 1.03 0.00	16.32 1.01 0.00	17.67 1.05 0.00	21.14 1.21 -0.70	22.29 1.42 -1.21	22.63 1.51 -0.41	22.39 1.62 -0.02	22.67 1.68 -0.02	22.47 1.70 -0.02	22.76 1.79 -0.16	23.80 1.81 -1.49	25.59 1.96 -1.39	27.74 2.06 -3.01	29.02 2.16 -3.67	36.70 2.54 -6.84	32.41 2.49 -1.90	30.69 2.24 -1.73	29.34 2.10 -0.01	25.11 1.77 0.00	23.20 1.54 -0.01	21.19 1.40 -0.01
NARROWS_GT2_3 24238	19.88 1.25 0.00	17.79 1.12 -0.01	17.09 1.09 -0.11	16.36 1.03 0.00	16.32 1.01 0.00	17.67 1.05 0.00	21.14 1.21 -0.70	22.29 1.42 -1.21	22.63 1.51 -0.41	22.39 1.62 -0.02	22.67 1.68 -0.02	22.47 1.70 -0.02	22.76 1.79 -0.16	23.80 1.81 -1.49	25.59 1.96 -1.39	27.74 2.06 -3.01	29.02 2.16 -3.67	36.70 2.54 -6.84	32.41 2.49 -1.90	30.69 2.24 -1.73	29.34 2.10 -0.01	25.11 1.77 0.00	23.20 1.54 -0.01	21.19 1.40 -0.01
NARROWS_GT2_4 24239	19.88 1.25 0.00	17.79 1.12 -0.01	17.09 1.09 -0.11	16.36 1.03 0.00	16.32 1.01 0.00	17.67 1.05 0.00	21.14 1.21 -0.70	22.29 1.42 -1.21	22.63 1.51 -0.41	22.39 1.62 -0.02	22.67 1.68 -0.02	22.47 1.70 -0.02	22.76 1.79 -0.16	23.80 1.81 -1.49	25.59 1.96 -1.39	27.74 2.06 -3.01	29.02 2.16 -3.67	36.70 2.54 -6.84	32.41 2.49 -1.90	30.69 2.24 -1.73	29.34 2.10 -0.01	25.11 1.77 0.00	23.20 1.54 -0.01	21.19 1.40 -0.01

NARROWS_GT2_5 24240	19.88 1.25 0.00	17.79 1.12 -0.01	17.09 1.09 -0.11	16.36 1.03 0.00	16.32 1.01 0.00	17.67 1.05 0.00	21.14 1.21 -0.70	22.29 1.42 -1.21	22.63 1.51 -0.41	22.39 1.62 -0.02	22.67 1.68 -0.02	22.47 1.70 -0.02	22.76 1.79 -0.16	23.80 1.81 -1.49	25.59 1.96 -1.39	27.74 2.06 -3.01	29.02 2.16 -3.67	36.70 2.54 -6.84	32.41 2.49 -1.90	30.69 2.24 -1.73	29.34 2.10 -0.01	25.11 1.77 0.00	23.20 1.54 -0.01	21.19 1.40 -0.01
NARROWS_GT2_6 24241	19.88 1.25 0.00	17.79 1.12 -0.01	17.09 1.09 -0.11	16.36 1.03 0.00	16.32 1.01 0.00	17.67 1.05 0.00	21.14 1.21 -0.70	22.29 1.42 -1.21	22.63 1.51 -0.41	22.39 1.62 -0.02	22.67 1.68 -0.02	22.47 1.70 -0.02	22.76 1.79 -0.16	23.80 1.81 -1.49	25.59 1.96 -1.39	27.74 2.06 -3.01	29.02 2.16 -3.67	36.70 2.54 -6.84	32.41 2.49 -1.90	30.69 2.24 -1.73	29.34 2.10 -0.01	25.11 1.77 0.00	23.20 1.54 -0.01	21.19 1.40 -0.01
NARROWS_GT2_7 24242	19.88 1.25 0.00	17.79 1.12 -0.01	17.09 1.09 -0.11	16.36 1.03 0.00	16.32 1.01 0.00	17.67 1.05 0.00	21.14 1.21 -0.70	22.29 1.42 -1.21	22.63 1.51 -0.41	22.39 1.62 -0.02	22.67 1.68 -0.02	22.47 1.70 -0.02	22.76 1.79 -0.16	23.80 1.81 -1.49	25.59 1.96 -1.39	27.74 2.06 -3.01	29.02 2.16 -3.67	36.70 2.54 -6.84	32.41 2.49 -1.90	30.69 2.24 -1.73	29.34 2.10 -0.01	25.11 1.77 0.00	23.20 1.54 -0.01	21.19 1.40 -0.01
NARROWS_GT2_8 24243	19.88 1.25 0.00	17.79 1.12 -0.01	17.09 1.09 -0.11	16.36 1.03 0.00	16.32 1.01 0.00	17.67 1.05 0.00	21.14 1.21 -0.70	22.29 1.42 -1.21	22.63 1.51 -0.41	22.39 1.62 -0.02	22.67 1.68 -0.02	22.47 1.70 -0.02	22.76 1.79 -0.16	23.80 1.81 -1.49	25.59 1.96 -1.39	27.74 2.06 -3.01	29.02 2.16 -3.67	36.70 2.54 -6.84	32.41 2.49 -1.90	30.69 2.24 -1.73	29.34 2.10 -0.01	25.11 1.77 0.00	23.20 1.54 -0.01	21.19 1.40 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	19.43 0.80 0.00	17.50 0.83 0.00	16.81 0.81 -0.12	16.13 0.80 0.00	16.07 0.77 0.00	17.47 0.85 0.00	20.91 0.87 -0.81	22.53 0.98 -1.88	22.37 1.01 -0.65	21.65 0.89 0.00	21.96 0.99 0.00	21.65 0.89 0.00	21.78 0.89 -0.08	22.06 0.88 -0.67	23.29 1.05 0.00	24.71 0.97 -1.07	27.70 1.02 -3.48	33.04 1.23 -4.49	32.45 1.37 -3.06	30.79 1.28 -2.80	28.66 1.42 0.00	24.62 1.28 0.00	22.74 1.08 0.00	20.60 0.83 0.00
NCHELSEA_115KV_TR2 355582	19.63 1.01 0.00	17.55 0.88 0.00	16.83 0.84 -0.11	16.13 0.80 0.00	16.07 0.77 0.00	17.47 0.85 0.00	20.99 1.06 -0.70	22.11 1.24 -1.21	22.41 1.30 -0.40	22.08 1.33 0.00	22.36 1.38 0.00	22.15 1.39 0.00	22.29 1.44 -0.05	22.40 1.44 -0.46	23.80 1.56 0.00	24.98 1.65 -0.66	27.09 1.74 -2.15	32.09 1.99 -2.78	31.98 2.07 -1.89	30.31 1.87 -1.73	28.98 1.74 0.00	24.87 1.54 0.00	22.87 1.21 0.00	20.86 1.09 0.00
NEG CAPITAL___MECHNVIL 23645	19.80 1.17 0.00	17.71 1.05 0.00	17.03 1.02 -0.13	16.31 0.98 0.00	16.29 0.98 0.00	17.70 1.08 0.00	21.42 1.31 -0.88	24.16 1.38 -3.12	23.27 1.45 -1.11	22.21 1.45 0.00	22.44 1.47 0.00	22.17 1.41 0.00	22.36 1.42 -0.13	22.93 1.40 -1.03	23.75 1.51 0.00	26.09 1.59 -1.84	30.82 1.65 -5.97	37.01 1.97 -7.72	35.24 1.96 -5.26	33.43 1.90 -4.82	29.14 1.91 0.00	25.01 1.68 0.00	23.10 1.45 0.00	21.00 1.23 0.00
NEG CENTRAL_HIGH_ACRES 23767	18.03 -0.60 0.00	16.11 -0.55 0.00	15.32 -0.57 -0.01	14.81 -0.52 0.00	14.82 -0.49 0.00	16.02 -0.60 0.00	18.80 -0.52 -0.09	19.30 -0.51 -0.15	20.13 -0.62 -0.05	20.15 -0.60 0.00	20.35 -0.63 0.00	20.13 -0.62 0.00	20.05 -0.77 -0.01	19.81 -0.76 -0.06	21.48 -0.76 0.00	22.00 -0.75 -0.08	22.75 -0.72 -0.27	26.90 -0.76 -0.34	27.25 -0.98 -0.22	26.00 -0.91 -0.20	26.39 -0.84 0.00	22.59 -0.75 0.00	21.18 -0.48 0.00	19.16 -0.61 0.00
NEG CENTRAL___DRP 24199	18.61 -0.02 0.00	16.63 -0.03 0.00	15.81 -0.08 -0.01	15.28 -0.05 0.00	15.27 -0.03 0.00	16.57 -0.05 0.00	19.56 0.23 -0.10	20.07 0.24 -0.17	20.94 0.19 -0.06	21.07 0.31 0.00	21.17 0.19 0.00	20.82 0.06 0.00	20.77 -0.04 -0.01	20.53 -0.04 -0.07	22.44 0.20 0.00	22.96 0.20 -0.09	23.75 0.26 -0.30	28.11 0.41 -0.38	28.17 -0.08 -0.24	26.93 0.00 -0.22	27.24 0.00 0.00	23.31 -0.02 0.00	21.76 0.11 0.00	19.81 0.04 0.00
NEG CENTRAL___INDECK 23768	18.91 0.28 0.00	16.88 0.22 0.00	16.06 0.16 -0.02	15.53 0.20 0.00	15.52 0.21 0.00	16.80 0.18 0.00	19.53 0.17 -0.13	19.87 -0.02 -0.22	20.59 -0.19 -0.07	20.53 -0.23 0.00	20.73 -0.25 0.00	20.65 -0.10 0.00	20.53 -0.29 -0.01	20.22 -0.37 -0.08	21.86 -0.38 0.00	22.42 -0.36 -0.12	23.39 -0.21 -0.39	27.83 0.00 -0.51	28.35 0.00 -0.33	27.23 0.21 -0.30	27.57 0.33 0.00	23.64 0.30 0.00	22.30 0.65 0.00	20.09 0.32 0.00
NEG CENTRAL___SENECA 23627	18.61 -0.02 0.00	16.61 -0.05 0.00	15.80 -0.10 -0.02	15.28 -0.05 0.00	15.27 -0.03 0.00	16.55 -0.07 0.00	19.40 0.06 -0.11	19.91 0.06 -0.19	20.76 0.00 -0.06	20.90 0.15 0.00	21.00 0.02 0.00	20.76 0.00 0.00	20.67 -0.15 -0.01	20.44 -0.14 -0.07	22.22 -0.02 0.00	22.74 -0.02 -0.10	23.60 0.07 -0.33	27.93 0.19 -0.43	28.21 -0.08 -0.27	26.96 0.00 -0.25	27.24 0.00 0.00	23.29 -0.05 0.00	21.78 0.13 0.00	19.79 0.02 0.00
NEG CENTRAL___STATE_STREET 24147	18.74 0.11 0.00	16.75 0.08 0.00	15.93 0.03 -0.01	15.39 0.06 0.00	15.38 0.08 0.00	16.69 0.07 0.00	19.81 0.48 -0.10	20.46 0.63 -0.17	21.40 0.64 -0.05	21.36 0.60 0.00	21.59 0.61 0.00	21.03 0.27 0.00	21.11 0.29 -0.01	20.88 0.31 -0.06	22.91 0.67 0.00	23.43 0.68 -0.09	24.21 0.72 -0.29	28.60 0.90 -0.38	28.53 0.28 -0.24	27.25 0.32 -0.22	27.59 0.35 0.00	23.59 0.26 0.00	22.00 0.35 0.00	19.97 0.20 0.00
NEG MILLWOOD___DRP 24198	19.67 1.04 0.00	17.60 0.93 0.00	16.89 0.91 -0.11	16.19 0.86 0.00	16.13 0.83 0.00	17.50 0.88 0.00	21.05 1.12 -0.71	22.18 1.30 -1.22	22.47 1.37 -0.40	22.13 1.37 0.00	22.40 1.43 0.00	22.19 1.43 0.00	22.34 1.48 -0.05	22.47 1.50 -0.46	23.86 1.62 0.00	25.05 1.72 -0.67	27.18 1.81 -2.16	32.19 2.08 -2.80	32.05 2.13 -1.90	30.43 1.98 -1.74	29.15 1.91 0.00	24.97 1.63 0.00	22.84 1.19 0.00	20.88 1.11 0.00
NEG NORTH_FLCN_SEA 23793	18.96 0.34 0.00	16.88 0.22 0.00	16.02 0.14 0.00	15.47 0.14 0.00	15.47 0.17 0.00	16.80 0.18 0.00	19.44 0.21 0.00	20.00 0.33 0.00	21.08 0.37 0.00	20.96 0.21 0.00	21.27 0.29 0.00	20.86 0.10 0.00	21.04 0.23 0.00	20.69 0.18 0.00	22.53 0.29 0.00	23.03 0.36 0.00	23.50 0.30 0.00	27.78 0.46 0.00	28.58 0.56 0.00	27.24 0.53 0.00	28.03 0.79 0.00	23.96 0.63 0.00	22.28 0.63 0.00	20.21 0.44 0.00
NEG NORTH_KES_CHATEGAY 23792	18.78 0.15 0.00	16.73 0.07 0.00	15.88 0.00 0.00	15.33 0.00 0.00	15.32 0.02 0.00	16.65 0.03 0.00	19.25 0.02 0.00	19.76 0.10 0.00	20.81 0.10 0.00	20.71 -0.04 0.00	21.00 0.02 0.00	20.63 -0.12 0.00	20.77 -0.04 0.00	20.45 -0.06 0.00	22.26 0.02 0.00	22.75 0.09 0.00	23.22 0.02 0.00	27.43 0.11 0.00	28.24 0.22 0.00	26.95 0.24 0.00	27.70 0.46 0.00	23.68 0.35 0.00	22.02 0.37 0.00	19.99 0.22 0.00

NEG NORTH___ALICE_FALLS 23915	18.96 0.34 0.00	16.88 0.22 0.00	16.02 0.14 0.00	15.45 0.12 0.00	15.46 0.15 0.00	16.80 0.18 0.00	19.46 0.23 0.00	19.98 0.31 0.00	21.08 0.37 0.00	20.94 0.19 0.00	21.25 0.27 0.00	20.86 0.10 0.00	21.02 0.21 0.00	20.67 0.16 0.00	22.51 0.27 0.00	23.03 0.36 0.00	23.50 0.30 0.00	27.78 0.46 0.00	28.60 0.59 0.00	27.24 0.53 0.00	28.03 0.79 0.00	23.94 0.61 0.00	22.28 0.63 0.00	20.19 0.42 0.00
NEG NORTH___LWR_SARANAC 23913	18.96 0.34 0.00	16.88 0.22 0.00	16.02 0.14 0.00	15.45 0.12 0.00	15.46 0.15 0.00	16.80 0.18 0.00	19.46 0.23 0.00	19.98 0.31 0.00	21.08 0.37 0.00	20.94 0.19 0.00	21.25 0.27 0.00	20.86 0.10 0.00	21.02 0.21 0.00	20.67 0.16 0.00	22.51 0.27 0.00	23.03 0.36 0.00	23.50 0.30 0.00	27.78 0.46 0.00	28.60 0.59 0.00	27.24 0.53 0.00	28.03 0.79 0.00	23.94 0.61 0.00	22.28 0.63 0.00	20.19 0.42 0.00
NEG NORTH___PLATTSBURG 23628	18.96 0.34 0.00	16.88 0.22 0.00	16.02 0.14 0.00	15.45 0.12 0.00	15.46 0.15 0.00	16.80 0.18 0.00	19.46 0.23 0.00	19.98 0.31 0.00	21.08 0.37 0.00	21.01 0.25 0.00	21.25 0.27 0.00	20.86 0.10 0.00	20.97 0.17 0.00	20.67 0.16 0.00	22.51 0.27 0.00	23.02 0.36 0.00	23.50 0.30 0.00	27.78 0.46 0.00	28.61 0.59 0.00	27.24 0.53 0.00	28.03 0.79 0.00	23.94 0.61 0.00	22.28 0.63 0.00	20.19 0.42 0.00
NEG WEST_LEA_LOCKPORT 23791	17.92 -0.71 0.00	16.00 -0.67 0.00	15.18 -0.71 -0.02	14.79 -0.54 0.00	14.77 -0.54 0.00	15.85 -0.76 0.00	18.40 -0.94 -0.11	18.87 -0.98 -0.19	19.61 -1.16 -0.06	19.74 -1.02 0.00	19.89 -1.09 0.00	19.72 -1.04 0.00	19.49 -1.33 -0.01	19.27 -1.31 -0.07	20.79 -1.45 0.00	21.32 -1.45 -0.11	22.26 -1.28 -0.34	26.36 -1.39 -0.43	26.62 -1.68 -0.28	25.42 -1.55 -0.26	25.69 -1.55 0.00	22.10 -1.24 0.00	21.00 -0.65 0.00	18.96 -0.81 0.00
NEG WEST___LANCASTR 23811	18.20 -0.43 0.00	16.25 -0.42 0.00	15.45 -0.44 -0.02	14.99 -0.34 0.00	14.97 -0.34 0.00	16.12 -0.50 0.00	18.15 -1.21 -0.13	19.14 -0.75 -0.23	19.93 -0.85 -0.08	20.09 -0.66 0.00	20.33 -0.65 0.00	20.13 -0.62 0.00	19.94 -0.87 -0.01	19.53 -1.07 -0.09	21.33 -0.91 0.00	21.88 -0.91 -0.12	22.86 -0.74 -0.40	27.07 -0.76 -0.52	27.26 -1.09 -0.34	26.01 -1.02 -0.31	26.07 -1.17 0.00	22.45 -0.89 0.00	21.22 -0.43 0.00	19.32 -0.45 0.00
NEG_PENN_ALLEGHNY 23528	18.83 0.21 0.00	16.83 0.17 0.00	16.06 0.14 -0.03	15.48 0.15 0.00	15.47 0.17 0.00	16.77 0.15 0.00	19.63 0.17 -0.23	20.29 0.20 -0.43	21.08 0.23 -0.15	21.03 0.27 0.00	21.27 0.29 0.00	21.07 0.31 0.00	21.12 0.29 -0.02	20.93 0.27 -0.16	22.57 0.33 0.00	23.24 0.34 -0.24	24.37 0.39 -0.78	28.82 0.49 -1.01	29.04 0.36 -0.66	27.69 0.37 -0.61	27.59 0.35 0.00	23.64 0.30 0.00	22.02 0.37 0.00	20.07 0.30 0.00
NEG___GEN_MONROE 24207	18.52 -0.11 0.00	16.56 -0.10 0.00	15.73 -0.16 -0.01	15.18 -0.15 0.00	15.20 -0.11 0.00	16.45 -0.17 0.00	19.22 -0.10 -0.09	19.64 -0.18 -0.15	20.44 -0.31 -0.05	20.59 -0.17 0.00	20.73 -0.25 0.00	20.63 -0.12 0.00	20.42 -0.40 -0.01	20.16 -0.41 -0.06	21.82 -0.42 0.00	22.38 -0.36 -0.08	22.94 -0.53 -0.27	27.18 -0.49 -0.35	27.60 -0.64 -0.23	26.36 -0.56 -0.21	26.72 -0.52 0.00	22.94 -0.40 0.00	21.61 -0.04 0.00	19.64 -0.14 0.00
NEPA___ENERGY 23901	18.48 -0.15 0.00	16.51 -0.15 0.00	15.71 -0.19 -0.02	15.24 -0.09 0.00	15.23 -0.08 0.00	16.40 -0.22 0.00	18.90 -0.46 -0.13	19.66 -0.24 -0.23	20.47 -0.31 -0.08	20.61 -0.15 0.00	20.91 -0.06 0.00	20.65 -0.10 0.00	20.51 -0.31 -0.01	20.21 -0.39 -0.09	21.91 -0.33 0.00	22.45 -0.34 -0.13	23.45 -0.16 -0.41	27.77 -0.08 -0.53	27.92 -0.45 -0.35	26.63 -0.40 -0.32	26.64 -0.60 0.00	22.96 -0.37 0.00	21.70 0.04 0.00	19.64 -0.14 0.00
NEVERSINK___HYD 23608	19.04 0.41 0.00	17.00 0.33 0.00	16.26 0.29 -0.09	15.57 0.24 0.00	15.54 0.23 0.00	16.90 0.28 0.00	20.30 0.44 -0.63	21.46 0.67 -1.12	21.76 0.68 -0.37	21.48 0.73 0.00	21.71 0.73 0.00	21.42 0.66 0.00	21.56 0.71 -0.05	21.75 0.82 -0.42	23.13 0.89 0.00	24.28 1.00 -0.62	26.28 1.07 -2.01	31.17 1.26 -2.59	31.07 1.29 -1.76	29.47 1.15 -1.61	28.25 1.01 0.00	24.27 0.93 0.00	22.30 0.65 0.00	20.27 0.49 0.00
NEWKRMKL_115KV_TB1 55635	19.17 0.54 0.00	17.28 0.62 0.00	16.66 0.65 -0.13	15.96 0.63 0.00	15.90 0.60 0.00	17.27 0.65 0.00	20.73 0.63 -0.86	22.79 0.69 -2.43	22.30 0.75 -0.85	21.50 0.75 0.00	21.73 0.76 0.00	21.54 0.79 0.00	21.70 0.79 -0.10	22.10 0.76 -0.83	23.04 0.80 0.00	24.89 0.82 -1.41	28.62 0.84 -4.58	34.19 0.96 -5.92	33.00 0.95 -4.03	31.28 0.88 -3.69	28.08 0.84 0.00	24.08 0.75 0.00	22.28 0.63 0.00	20.33 0.55 0.00
NEWTON___FALLS_HYD 23847	18.81 0.19 0.00	16.78 0.12 0.00	15.96 0.08 0.00	15.42 0.09 0.00	15.41 0.11 0.00	16.78 0.17 0.00	19.56 0.31 -0.02	20.00 0.33 0.00	21.01 0.31 0.00	20.90 0.15 0.00	21.04 0.06 0.00	20.69 -0.06 0.00	20.77 -0.04 0.00	20.43 -0.08 0.00	22.26 0.02 0.00	22.66 0.00 0.00	23.02 -0.19 0.00	27.29 -0.03 0.00	27.96 -0.06 0.00	26.79 0.08 0.00	27.62 0.38 0.00	23.71 0.37 0.00	22.02 0.37 0.00	20.03 0.26 0.00
NGRID_A1_DSASP 323792	17.55 -1.08 0.00	15.68 -0.98 0.00	15.01 -0.89 -0.02	14.49 -0.84 0.00	14.46 -0.84 0.00	15.52 -1.10 0.00	18.11 -1.21 -0.09	18.52 -1.34 -0.19	19.26 -1.51 -0.06	19.28 -1.47 0.00	19.53 -1.45 0.00	19.34 -1.41 0.00	19.13 -1.68 -0.01	18.94 -1.64 -0.07	20.42 -1.82 0.00	20.91 -1.86 -0.11	21.81 -1.74 -0.34	25.77 -1.99 -0.45	26.04 -2.27 -0.29	24.87 -2.11 -0.27	25.09 -2.15 0.00	21.63 -1.70 0.00	20.59 -1.06 0.00	18.57 -1.21 0.00
NGRID_A2_DSASP 323793	17.55 -1.08 0.00	15.68 -0.98 0.00	15.01 -0.89 -0.02	14.49 -0.84 0.00	14.46 -0.84 0.00	15.52 -1.10 0.00	18.11 -1.21 -0.09	18.52 -1.34 -0.19	19.26 -1.51 -0.06	19.28 -1.47 0.00	19.53 -1.45 0.00	19.34 -1.41 0.00	19.13 -1.68 -0.01	18.94 -1.64 -0.07	20.42 -1.82 0.00	20.91 -1.86 -0.11	21.81 -1.74 -0.34	25.77 -1.99 -0.45	26.04 -2.27 -0.29	24.87 -2.11 -0.27	25.09 -2.15 0.00	21.63 -1.70 0.00	20.59 -1.06 0.00	18.57 -1.21 0.00
NGRID_A4_DSASP 323807	17.55 -1.08 0.00	15.68 -0.98 0.00	15.01 -0.89 -0.02	14.49 -0.84 0.00	14.46 -0.84 0.00	15.52 -1.10 0.00	18.11 -1.21 -0.09	18.52 -1.34 -0.19	19.23 -1.53 -0.06	19.39 -1.37 0.00	19.53 -1.45 0.00	19.34 -1.41 0.00	19.11 -1.71 -0.01	18.94 -1.64 -0.07	20.42 -1.82 0.00	20.91 -1.86 -0.11	21.80 -1.74 -0.34	25.79 -1.97 -0.44	26.04 -2.27 -0.29	24.87 -2.11 -0.27	25.09 -2.15 0.00	21.63 -1.70 0.00	20.59 -1.06 0.00	18.57 -1.21 0.00
NIAGARA_115E_LBMP 323715	17.68 -0.95 0.00	15.78 -0.88 0.00	14.94 -0.95 -0.02	14.61 -0.72 0.00	14.59 -0.72 0.00	15.64 -0.98 0.00	18.13 -1.21 -0.11	18.54 -1.32 -0.20	19.30 -1.47 -0.06	19.32 -1.43 0.00	19.57 -1.41 0.00	19.39 -1.37 0.00	19.17 -1.64 -0.01	18.96 -1.62 -0.07	20.46 -1.78 0.00	20.96 -1.81 -0.11	21.88 -1.67 -0.35	25.85 -1.91 -0.45	26.15 -2.16 -0.29	24.95 -2.03 -0.27	25.20 -2.04 0.00	21.70 -1.63 0.00	20.66 -1.00 0.00	18.67 -1.11 0.00

NIAGARA_115W_LBMP 323714	17.51 -1.12 0.00	15.63 -1.03 0.00	14.97 -0.92 -0.02	14.46 -0.87 0.00	14.43 -0.87 0.00	15.49 -1.13 0.00	18.07 -1.25 -0.09	18.48 -1.38 -0.19	19.21 -1.55 -0.06	19.24 -1.51 0.00	19.47 -1.51 0.00	19.30 -1.45 0.00	19.07 -1.75 -0.01	18.90 -1.68 -0.07	20.37 -1.87 0.00	20.87 -1.90 -0.11	21.74 -1.81 -0.34	25.69 -2.08 -0.44	25.98 -2.33 -0.29	24.81 -2.16 -0.27	25.03 -2.21 0.00	21.58 -1.75 0.00	20.55 -1.10 0.00	18.53 -1.25 0.00
NIAGARA_230_LBMP 323716	17.79 -0.84 0.00	15.90 -0.77 0.00	15.13 -0.76 -0.02	14.69 -0.64 0.00	14.68 -0.63 0.00	15.75 -0.86 0.00	18.36 -0.98 -0.11	18.77 -1.08 -0.19	19.52 -1.24 -0.06	19.57 -1.18 0.00	19.80 -1.17 0.00	19.63 -1.12 0.00	19.42 -1.39 -0.01	19.20 -1.37 -0.07	20.73 -1.51 0.00	21.23 -1.54 -0.10	22.12 -1.42 -0.34	26.14 -1.61 -0.44	26.43 -1.88 -0.29	25.24 -1.74 -0.26	25.47 -1.77 0.00	21.96 -1.38 0.00	20.88 -0.78 0.00	18.84 -0.93 0.00
NIAGARA__115KV_198_GIBSON 55903	17.51 -1.12 0.00	15.63 -1.03 0.00	14.98 -0.92 -0.02	14.44 -0.89 0.00	14.43 -0.87 0.00	15.49 -1.13 0.00	18.07 -1.25 -0.09	18.48 -1.38 -0.19	19.19 -1.57 -0.06	19.32 -1.43 0.00	19.47 -1.51 0.00	19.30 -1.45 0.00	19.07 -1.75 -0.01	18.90 -1.68 -0.07	20.37 -1.87 0.00	20.87 -1.90 -0.11	21.76 -1.79 -0.34	25.71 -2.05 -0.44	25.98 -2.33 -0.29	24.81 -2.16 -0.26	25.03 -2.21 0.00	21.58 -1.75 0.00	20.55 -1.10 0.00	18.53 -1.25 0.00
NIAGARA____ 23760	17.57 -1.06 0.00	15.70 -0.97 0.00	14.96 -0.94 -0.02	14.52 -0.81 0.00	14.49 -0.81 0.00	15.55 -1.06 0.00	18.10 -1.23 -0.10	18.58 -1.28 -0.19	19.34 -1.43 -0.06	19.37 -1.39 0.00	19.61 -1.36 0.00	19.43 -1.33 0.00	19.21 -1.60 -0.01	19.00 -1.58 -0.07	20.51 -1.73 0.00	21.00 -1.77 -0.11	21.92 -1.62 -0.34	25.93 -1.83 -0.44	26.20 -2.10 -0.29	25.03 -1.95 -0.27	25.25 -1.99 0.00	21.75 -1.59 0.00	20.66 -1.00 0.00	18.59 -1.19 0.00
NINE_MILE_1 23575	18.22 -0.41 0.00	16.28 -0.38 0.00	15.51 -0.38 -0.01	14.98 -0.35 0.00	14.95 -0.35 0.00	16.24 -0.38 0.00	18.83 -0.44 -0.04	19.10 -0.57 -0.01	20.08 -0.62 0.00	20.15 -0.60 0.00	20.37 -0.61 0.00	20.15 -0.60 0.00	20.19 -0.62 0.00	19.90 -0.61 -0.01	21.57 -0.67 0.00	21.94 -0.73 0.00	22.48 -0.72 0.00	26.50 -0.82 0.00	27.18 -0.84 0.00	25.91 -0.80 0.00	26.45 -0.79 0.00	22.66 -0.68 0.00	21.09 -0.56 0.00	19.36 -0.42 0.00
NINE_MILE_2 23744	18.22 -0.41 0.00	16.28 -0.38 0.00	15.52 -0.36 -0.01	14.98 -0.35 0.00	14.95 -0.35 0.00	16.24 -0.38 0.00	18.83 -0.44 -0.04	19.10 -0.57 -0.01	20.10 -0.60 0.00	20.15 -0.60 0.00	20.37 -0.61 0.00	20.15 -0.60 0.00	20.19 -0.62 0.00	19.90 -0.61 -0.01	21.57 -0.67 0.00	21.94 -0.73 0.00	22.48 -0.72 0.00	26.50 -0.82 0.00	27.18 -0.84 0.00	25.91 -0.80 0.00	26.45 -0.79 0.00	22.66 -0.68 0.00	21.09 -0.56 0.00	19.36 -0.42 0.00
NM_CAPITAL____DRP 24208	19.20 0.58 0.00	17.31 0.65 0.00	16.68 0.67 -0.13	15.97 0.64 0.00	15.92 0.61 0.00	17.30 0.68 0.00	20.78 0.69 -0.86	22.82 0.75 -2.41	22.36 0.81 -0.85	21.54 0.79 0.00	21.79 0.82 0.00	21.61 0.85 0.00	21.79 0.87 -0.10	22.17 0.84 -0.82	23.11 0.87 0.00	24.97 0.91 -1.40	28.66 0.93 -4.53	34.22 1.04 -5.86	33.04 1.04 -3.99	31.33 0.96 -3.66	28.16 0.93 0.00	24.15 0.82 0.00	22.35 0.69 0.00	20.39 0.61 0.00
NM_CENTRAL____DRP 24181	18.53 -0.09 0.00	16.56 -0.10 0.00	15.76 -0.13 -0.01	15.22 -0.11 0.00	15.21 -0.09 0.00	16.50 -0.12 0.00	19.30 0.00 -0.07	19.71 -0.06 -0.11	20.68 -0.06 -0.04	20.76 0.00 0.00	20.91 -0.06 0.00	20.65 -0.10 0.00	20.65 -0.17 0.00	20.41 -0.14 -0.04	22.20 -0.04 0.00	22.63 -0.09 -0.06	23.32 -0.07 -0.19	27.51 -0.05 -0.25	27.89 -0.28 -0.15	26.61 -0.24 -0.14	27.02 -0.22 0.00	23.12 -0.21 0.00	21.55 -0.11 0.00	19.71 -0.06 0.00
NM_FRONTIER____DRP 24179	17.51 -1.12 0.00	15.63 -1.03 0.00	14.98 -0.92 -0.02	14.44 -0.89 0.00	14.43 -0.87 0.00	15.49 -1.13 0.00	18.07 -1.25 -0.09	18.48 -1.38 -0.19	19.19 -1.57 -0.06	19.32 -1.43 0.00	19.47 -1.51 0.00	19.30 -1.45 0.00	19.07 -1.75 -0.01	18.90 -1.68 -0.07	20.37 -1.87 0.00	20.87 -1.90 -0.11	21.76 -1.79 -0.34	25.71 -2.05 -0.44	25.98 -2.33 -0.29	24.81 -2.16 -0.26	25.03 -2.21 0.00	21.58 -1.75 0.00	20.55 -1.10 0.00	18.53 -1.25 0.00
NM_ST_REGIS____HYD 24053	18.70 0.07 0.00	16.70 0.03 0.00	15.86 -0.02 0.00	15.31 -0.02 0.00	15.31 0.00 0.00	16.67 0.05 0.00	19.29 0.06 0.00	19.76 0.10 0.00	20.85 0.14 0.00	20.76 0.00 0.00	21.00 0.02 0.00	20.69 -0.06 0.00	20.77 -0.04 0.00	20.41 -0.10 0.00	22.17 -0.07 0.00	22.60 -0.07 0.00	22.85 -0.35 0.00	26.99 -0.33 0.00	27.74 -0.28 0.00	26.50 -0.21 0.00	27.40 0.16 0.00	23.52 0.19 0.00	21.85 0.19 0.00	19.83 0.06 0.00
NORTHPORT____1 23551	29.61 1.38 -9.60	24.36 1.27 -6.43	22.03 1.24 -4.92	21.46 1.18 -4.95	21.81 1.15 -5.35	25.40 1.25 -7.53	28.64 1.52 -7.89	23.69 1.83 -2.19	24.11 1.93 -1.49	23.38 2.06 -0.57	25.98 1.99 -3.01	27.32 1.91 -4.66	27.89 1.94 -5.14	28.17 2.01 -5.65	32.53 2.16 -8.13	36.13 2.27 -11.20	40.43 2.37 -14.86	49.97 2.73 -19.92	52.16 2.75 -21.40	39.34 2.54 -10.09	37.72 2.42 -8.06	37.24 2.01 -11.90	27.92 1.80 -4.47	25.93 1.48 -4.67
NORTHPORT____2 23552	29.61 1.38 -9.60	24.36 1.27 -6.43	22.03 1.24 -4.92	21.46 1.18 -4.95	21.81 1.15 -5.35	25.40 1.25 -7.53	28.64 1.52 -7.89	23.69 1.83 -2.19	24.11 1.93 -1.49	23.38 2.06 -0.57	25.98 1.99 -3.01	27.32 1.91 -4.66	27.89 1.94 -5.14	28.17 2.01 -5.65	32.53 2.16 -8.13	36.13 2.27 -11.20	40.43 2.37 -14.86	49.97 2.73 -19.92	52.16 2.75 -21.40	39.34 2.54 -10.09	37.72 2.42 -8.06	37.24 2.01 -11.90	27.92 1.80 -4.47	25.93 1.48 -4.67
NORTHPORT____3 23553	29.44 1.21 -9.60	24.21 1.12 -6.43	21.88 1.08 -4.92	21.31 1.03 -4.95	21.67 1.01 -5.35	25.25 1.10 -7.53	28.45 1.33 -7.89	23.47 1.61 -2.19	23.91 1.72 -1.49	23.18 1.85 -0.57	25.73 1.74 -3.01	26.97 1.56 -4.66	27.49 1.54 -5.14	27.76 1.60 -5.65	32.08 1.71 -8.13	35.68 1.81 -11.20	39.97 1.90 -14.86	49.43 2.19 -19.92	51.57 2.16 -21.40	38.78 1.98 -10.09	37.15 1.85 -8.06	36.75 1.52 -11.90	27.47 1.34 -4.47	25.73 1.28 -4.67
NORTHPORT____4 23650	29.44 1.21 -9.60	24.21 1.12 -6.43	21.88 1.08 -4.92	21.31 1.03 -4.95	21.67 1.01 -5.35	25.25 1.10 -7.53	28.45 1.33 -7.89	23.47 1.61 -2.19	23.91 1.72 -1.49	23.18 1.85 -0.57	25.73 1.74 -3.01	26.97 1.56 -4.66	27.49 1.54 -5.14	27.76 1.60 -5.65	32.08 1.71 -8.13	35.68 1.81 -11.20	39.97 1.90 -14.86	49.43 2.19 -19.92	51.57 2.16 -21.40	38.78 1.98 -10.09	37.15 1.85 -8.06	36.75 1.52 -11.90	27.47 1.34 -4.47	25.73 1.28 -4.67
NORTHPORT____IC 23718	29.61 1.38 -9.60	24.36 1.27 -6.43	22.03 1.24 -4.92	21.46 1.18 -4.95	21.81 1.15 -5.35	25.40 1.25 -7.53	28.64 1.52 -7.89	23.69 1.83 -2.19	24.11 1.93 -1.49	23.38 2.06 -0.57	25.98 1.99 -3.01	27.32 1.91 -4.66	27.89 1.94 -5.14	28.17 2.01 -5.65	32.53 2.16 -8.13	36.13 2.27 -11.20	40.43 2.37 -14.86	49.97 2.73 -19.92	52.16 2.75 -21.40	39.34 2.54 -10.09	37.72 2.42 -8.06	37.24 2.01 -11.90	27.92 1.80 -4.47	25.93 1.48 -4.67

NORTH__COUNTRY_ESR 323785	18.72 0.09 0.00	16.68 0.02 0.00	15.85 -0.03 0.00	15.28 -0.05 0.00	15.27 -0.03 0.00	16.60 -0.02 0.00	19.21 -0.02 0.00	19.72 0.06 0.00	20.79 0.08 0.00	20.74 -0.02 0.00	20.98 0.00 0.00	20.61 -0.14 0.00	20.71 -0.10 0.00	20.43 -0.08 0.00	22.22 -0.02 0.00	22.71 0.05 0.00	23.18 -0.02 0.00	27.37 0.05 0.00	28.18 0.17 0.00	26.87 0.16 0.00	27.62 0.38 0.00	23.64 0.30 0.00	21.98 0.33 0.00	19.95 0.18 0.00
NPX_GEN_1385_PROXY 323591	29.61 1.38 -9.60	24.36 1.27 -6.43	22.03 1.24 -4.92	21.46 1.18 -4.95	21.81 1.15 -5.35	25.40 1.25 -7.53	28.64 1.52 -7.89	23.73 1.87 -2.19	24.16 1.97 -1.49	23.43 2.10 -0.57	26.05 2.06 -3.01	27.32 1.91 -4.66	27.89 1.94 -5.14	28.21 2.05 -5.65	32.57 2.20 -8.13	36.18 2.31 -11.20	40.48 2.41 -14.86	50.03 2.79 -19.92	52.22 2.80 -21.40	39.39 2.59 -10.09	37.78 2.48 -8.06	37.29 2.05 -11.90	27.97 1.84 -4.47	25.93 1.48 -4.67
NPX_GEN_CSC 323557	29.37 1.14 -9.60	24.23 1.13 -6.43	21.97 1.18 -4.92	21.38 1.10 -4.95	21.73 1.07 -5.35	25.28 1.13 -7.53	28.58 1.46 -7.89	23.51 1.65 -2.19	23.84 1.66 -1.49	23.11 1.79 -0.57	25.67 1.68 -3.01	27.07 1.66 -4.66	27.66 1.71 -5.14	27.92 1.76 -5.65	32.26 1.89 -8.13	35.91 2.04 -11.20	40.22 2.16 -14.86	49.75 2.51 -19.92	51.94 2.52 -21.40	39.10 2.30 -10.09	37.50 2.21 -8.06	37.03 1.80 -11.90	27.66 1.54 -4.47	25.67 1.23 -4.67
NSINS_S_GLNS_FALLS 23858	20.08 1.45 0.00	17.95 1.28 0.00	17.27 1.25 -0.13	16.54 1.21 0.00	16.53 1.22 0.00	17.96 1.35 0.00	21.79 1.67 -0.89	24.66 1.77 -3.22	23.80 1.95 -1.15	22.67 1.91 0.00	22.86 1.89 0.00	22.44 1.68 0.00	22.55 1.60 -0.14	23.14 1.58 -1.06	23.95 1.71 0.00	26.38 1.81 -1.91	31.29 1.90 -6.19	37.77 2.46 -7.99	35.87 2.41 -5.45	34.05 2.35 -4.99	29.66 2.42 0.00	25.46 2.12 0.00	23.52 1.86 0.00	21.32 1.54 0.00
NUCOR_STEEL__DRP 24197	18.78 0.15 0.00	16.78 0.12 0.00	15.97 0.08 -0.01	15.44 0.11 0.00	15.43 0.12 0.00	16.72 0.10 0.00	19.86 0.54 -0.09	20.41 0.59 -0.16	21.31 0.56 -0.05	21.38 0.62 0.00	21.50 0.52 0.00	21.00 0.25 0.00	21.00 0.19 -0.01	20.78 0.21 -0.06	22.82 0.58 0.00	23.34 0.59 -0.09	24.11 0.63 -0.28	28.50 0.82 -0.36	28.35 0.11 -0.23	27.10 0.19 -0.21	27.46 0.22 0.00	23.47 0.14 0.00	21.87 0.22 0.00	19.99 0.22 0.00
NUMBER_THREE_WT_PWR 323818	19.02 0.39 0.00	16.95 0.28 0.00	16.12 0.24 0.00	15.57 0.24 0.00	15.57 0.26 0.00	16.95 0.33 0.00	19.82 0.56 -0.03	20.24 0.57 -0.01	21.20 0.50 0.00	20.98 0.23 0.00	21.10 0.13 0.00	20.78 0.02 0.00	20.83 0.02 0.00	20.51 0.00 -0.01	22.37 0.13 0.00	22.78 0.11 0.00	23.29 0.09 0.00	27.78 0.46 0.00	28.44 0.42 0.00	27.30 0.59 0.00	28.00 0.76 0.00	24.01 0.68 0.00	22.26 0.61 0.00	20.29 0.51 0.00
NYISO_LBMP_REFERENCE 24008	18.63 0.00 0.00	16.66 0.00 0.00	15.88 0.00 0.00	15.33 0.00 0.00	15.31 0.00 0.00	16.62 0.00 0.00	19.23 0.00 0.00	19.66 0.00 0.00	20.70 0.00 0.00	20.76 0.00 0.00	20.98 0.00 0.00	20.76 0.00 0.00	20.81 0.00 0.00	20.51 0.00 0.00	22.24 0.00 0.00	22.66 0.00 0.00	23.20 0.00 0.00	27.32 0.00 0.00	28.02 0.00 0.00	26.71 0.00 0.00	27.24 0.00 0.00	23.33 0.00 0.00	21.65 0.00 0.00	19.77 0.00 0.00
NYPA_BRENTWD__GT 24164	29.74 1.51 -9.60	24.48 1.38 -6.43	22.14 1.35 -4.92	21.57 1.29 -4.95	21.93 1.27 -5.35	25.53 1.38 -7.53	28.77 1.65 -7.89	23.84 1.99 -2.19	24.30 2.11 -1.49	23.55 2.22 -0.57	26.15 2.16 -3.01	27.47 2.06 -4.66	28.05 2.10 -5.14	28.35 2.20 -5.65	32.73 2.36 -8.13	36.36 2.49 -11.20	40.59 2.53 -14.86	50.19 2.95 -19.92	52.38 2.97 -21.40	39.63 2.83 -10.09	38.02 2.72 -8.06	37.50 2.26 -11.90	28.12 1.99 -4.47	26.09 1.64 -4.67
NYPA_GOWANUS__GT5 24156	19.88 1.25 0.00	17.79 1.12 -0.01	17.09 1.09 -0.11	16.36 1.03 0.00	16.32 1.01 0.00	17.67 1.05 0.00	21.14 1.21 -0.70	22.29 1.42 -1.21	22.63 1.51 -0.41	22.39 1.62 -0.02	22.67 1.68 -0.02	22.47 1.70 -0.02	22.76 1.79 -0.16	23.80 1.81 -1.49	25.59 1.96 -1.39	27.74 2.06 -3.01	29.02 2.16 -3.67	36.70 2.54 -6.84	32.41 2.49 -1.90	30.69 2.24 -1.73	29.34 2.10 -0.01	25.11 1.77 0.00	23.20 1.54 -0.01	21.19 1.40 -0.01
NYPA_GOWANUS__GT6 24157	19.88 1.25 0.00	17.79 1.12 -0.01	17.09 1.09 -0.11	16.36 1.03 0.00	16.32 1.01 0.00	17.67 1.05 0.00	21.14 1.21 -0.70	22.29 1.42 -1.21	22.63 1.51 -0.41	22.39 1.62 -0.02	22.67 1.68 -0.02	22.47 1.70 -0.02	22.76 1.79 -0.16	23.80 1.81 -1.49	25.59 1.96 -1.39	27.74 2.06 -3.01	29.02 2.16 -3.67	36.70 2.54 -6.84	32.41 2.49 -1.90	30.69 2.24 -1.73	29.34 2.10 -0.01	25.11 1.77 0.00	23.20 1.54 -0.01	21.19 1.40 -0.01
NYPA_HARLEM_RVR_GT1 24160	19.88 1.25 -0.01	17.82 1.15 -0.01	17.12 1.13 -0.11	16.39 1.06 -0.01	16.35 1.04 -0.01	17.72 1.10 0.00	21.16 1.23 -0.70	22.23 1.36 -1.21	22.52 1.41 -0.41	22.36 1.60 -0.01	22.56 1.57 -0.01	22.38 1.62 -0.01	22.62 1.75 -0.06	22.80 1.74 -0.55	24.26 1.89 -0.13	25.51 1.97 -0.88	27.54 2.06 -2.27	32.50 2.40 -2.78	32.19 2.30 -1.88	30.46 2.03 -1.72	29.15 1.91 -0.01	25.06 1.73 0.00	23.15 1.49 -0.01	21.19 1.40 -0.01
NYPA_HARLEM_RVR_GT2 24161	19.88 1.25 -0.01	17.82 1.15 -0.01	17.12 1.13 -0.11	16.39 1.06 -0.01	16.35 1.04 -0.01	17.72 1.10 0.00	21.16 1.23 -0.70	22.23 1.36 -1.21	22.52 1.41 -0.41	22.36 1.60 -0.01	22.56 1.57 -0.01	22.38 1.62 -0.01	22.62 1.75 -0.06	22.80 1.74 -0.55	24.26 1.89 -0.13	25.51 1.97 -0.88	27.54 2.06 -2.27	32.50 2.40 -2.78	32.19 2.30 -1.88	30.46 2.03 -1.72	29.15 1.91 -0.01	25.06 1.73 0.00	23.15 1.49 -0.01	21.19 1.40 -0.01
NYPA_KENT__GT 24152	19.84 1.21 0.00	17.77 1.10 -0.01	17.06 1.06 -0.11	16.34 1.01 0.00	16.30 0.99 0.00	17.67 1.05 0.00	21.14 1.21 -0.70	22.29 1.42 -1.21	22.63 1.51 -0.41	22.41 1.64 -0.02	22.67 1.68 -0.02	22.47 1.70 -0.02	22.76 1.79 -0.16	23.78 1.78 -1.49	25.57 1.93 -1.39	27.72 2.04 -3.01	28.98 2.11 -3.67	36.63 2.49 -6.83	32.35 2.44 -1.90	30.63 2.19 -1.73	29.32 2.07 -0.01	25.08 1.75 0.00	23.15 1.49 -0.01	21.15 1.36 -0.01
NYPA_POUCH1__GT 24155	19.86 1.23 0.00	17.77 1.10 -0.01	17.06 1.06 -0.11	16.34 1.01 0.00	16.29 0.98 0.00	17.62 1.00 0.00	21.10 1.17 -0.70	22.25 1.38 -1.21	22.56 1.45 -0.41	22.35 1.58 -0.02	22.61 1.62 -0.02	22.41 1.64 -0.02	22.72 1.75 -0.16	23.76 1.76 -1.49	25.57 1.93 -1.39	27.69 2.02 -3.01	28.98 2.11 -3.67	36.64 2.49 -6.84	32.39 2.47 -1.90	30.66 2.22 -1.73	29.32 2.07 -0.01	25.08 1.75 0.00	23.18 1.52 -0.01	21.17 1.38 -0.01
NYPA_VERNON__GT2 24162	19.80 1.17 0.00	17.76 1.08 -0.01	17.04 1.05 -0.12	16.32 1.00 0.00	16.27 0.96 0.00	17.67 1.05 0.00	21.16 1.23 -0.70	22.29 1.42 -1.21	22.65 1.53 -0.41	22.41 1.64 -0.02	22.67 1.68 -0.02	22.45 1.68 -0.02	22.74 1.77 -0.16	23.78 1.78 -1.49	25.57 1.93 -1.39	27.69 2.02 -3.01	28.96 2.09 -3.67	36.57 2.43 -6.82	32.29 2.38 -1.89	30.60 2.16 -1.73	29.26 2.02 -0.01	25.06 1.73 0.00	23.11 1.45 -0.01	21.11 1.32 -0.01

NYPY_VERNON____GT3 24163	19.80 1.17 0.00	17.76 1.08 -0.01	17.04 1.05 -0.12	16.32 1.00 0.00	16.27 0.96 0.00	17.67 1.05 0.00	21.16 1.23 -0.70	22.29 1.42 -1.21	22.65 1.53 -0.41	22.41 1.64 -0.02	22.67 1.68 -0.02	22.45 1.68 -0.02	22.74 1.77 -0.16	23.78 1.78 -1.49	25.57 1.93 -1.39	27.69 2.02 -3.01	28.96 2.09 -3.67	36.57 2.43 -6.82	32.29 2.38 -1.89	30.60 2.16 -1.73	29.26 2.02 -0.01	25.06 1.73 0.00	23.11 1.45 -0.01	21.11 1.32 -0.01
NYPY____ASTORIA_CC1 323568	19.80 1.17 0.00	17.74 1.07 -0.01	17.04 1.05 -0.11	16.31 0.98 0.00	16.27 0.96 0.00	17.65 1.03 0.00	21.14 1.21 -0.70	22.27 1.40 -1.21	22.61 1.49 -0.41	22.37 1.60 -0.02	22.63 1.64 -0.02	22.43 1.66 -0.02	22.72 1.75 -0.16	23.74 1.74 -1.49	25.52 1.89 -1.39	27.65 1.97 -3.01	28.93 2.06 -3.67	36.54 2.40 -6.82	32.23 2.32 -1.89	30.55 2.11 -1.73	29.23 1.99 -0.01	25.04 1.70 0.00	23.11 1.45 -0.01	21.11 1.32 -0.01
NYPY____ASTORIA_CC2 323569	19.80 1.17 0.00	17.74 1.07 -0.01	17.04 1.05 -0.11	16.31 0.98 0.00	16.27 0.96 0.00	17.65 1.03 0.00	21.14 1.21 -0.70	22.27 1.40 -1.21	22.61 1.49 -0.41	22.37 1.60 -0.02	22.63 1.64 -0.02	22.43 1.66 -0.02	22.72 1.75 -0.16	23.74 1.74 -1.49	25.52 1.89 -1.39	27.65 1.97 -3.01	28.93 2.06 -3.67	36.54 2.40 -6.82	32.23 2.32 -1.89	30.55 2.11 -1.73	29.23 1.99 -0.01	25.04 1.70 0.00	23.11 1.45 -0.01	21.11 1.32 -0.01
NYPY____HOLTSVILL 23794	29.57 1.34 -9.60	24.35 1.25 -6.43	22.03 1.24 -4.92	21.46 1.18 -4.95	21.81 1.15 -5.35	25.40 1.25 -7.53	28.66 1.54 -7.89	23.71 1.85 -2.19	24.11 1.93 -1.49	23.38 2.06 -0.57	25.96 1.97 -3.01	27.28 1.87 -4.66	27.86 1.91 -5.14	28.13 1.97 -5.65	32.48 2.11 -8.13	36.11 2.24 -11.20	40.41 2.34 -14.86	49.95 2.71 -19.92	52.13 2.72 -21.40	39.28 2.48 -10.09	37.70 2.40 -8.06	37.24 2.01 -11.90	27.90 1.78 -4.47	25.85 1.40 -4.67
NYPY____HELLGATE_GT1 24158	19.88 1.25 -0.01	17.82 1.15 -0.01	17.12 1.13 -0.11	16.39 1.06 -0.01	16.35 1.04 -0.01	17.72 1.10 0.00	21.16 1.23 -0.70	22.23 1.36 -1.21	22.52 1.41 -0.41	22.36 1.60 -0.01	22.56 1.57 -0.01	22.38 1.62 -0.01	22.80 1.75 -0.24	24.66 1.74 -2.41	26.77 1.89 -2.64	29.76 1.97 -5.13	30.31 2.06 -5.04	32.50 2.40 -2.78	32.19 2.30 -1.88	30.46 2.03 -1.72	29.15 1.91 -0.01	25.06 1.73 0.00	23.15 1.49 -0.01	21.19 1.40 -0.01
NYPY____HELLGATE_GT2 24159	19.88 1.25 -0.01	17.82 1.15 -0.01	17.12 1.13 -0.11	16.39 1.06 -0.01	16.35 1.04 -0.01	17.72 1.10 0.00	21.16 1.23 -0.70	22.23 1.36 -1.21	22.52 1.41 -0.41	22.36 1.60 -0.01	22.56 1.57 -0.01	22.38 1.62 -0.01	22.80 1.75 -0.24	24.66 1.74 -2.41	26.77 1.89 -2.64	29.76 1.97 -5.13	30.31 2.06 -5.04	32.50 2.40 -2.78	32.19 2.30 -1.88	30.46 2.03 -1.72	29.15 1.91 -0.01	25.06 1.73 0.00	23.15 1.49 -0.01	21.19 1.40 -0.01
NYS_BARGE____HYD 23848	17.92 -0.71 0.00	16.00 -0.67 0.00	15.17 -0.73 -0.02	14.78 -0.55 0.00	14.77 -0.54 0.00	15.84 -0.78 0.00	18.38 -0.96 -0.11	18.81 -1.04 -0.19	19.59 -1.18 -0.06	19.63 -1.12 0.00	19.86 -1.11 0.00	19.72 -1.04 0.00	19.46 -1.35 -0.01	19.25 -1.33 -0.07	20.77 -1.47 0.00	21.30 -1.47 -0.10	22.24 -1.30 -0.34	26.31 -1.45 -0.44	26.62 -1.68 -0.29	25.42 -1.55 -0.26	25.69 -1.55 0.00	22.10 -1.24 0.00	21.00 -0.65 0.00	18.96 -0.81 0.00
OAK ORCHARD____HYD 24046	18.37 -0.26 0.00	16.41 -0.25 0.00	15.62 -0.27 -0.01	15.10 -0.23 0.00	15.09 -0.21 0.00	16.30 -0.32 0.00	19.09 -0.23 -0.09	19.58 -0.24 -0.15	20.38 -0.37 -0.05	20.42 -0.33 0.00	20.66 -0.31 0.00	20.45 -0.31 0.00	20.34 -0.48 -0.01	20.11 -0.45 -0.06	21.73 -0.51 0.00	22.29 -0.45 -0.08	23.03 -0.44 -0.27	27.20 -0.46 -0.35	27.65 -0.59 -0.23	26.38 -0.53 -0.21	26.78 -0.46 0.00	22.94 -0.40 0.00	21.59 -0.06 0.00	19.48 -0.30 0.00
OAKDALE____35_KV_LOAD 356122	18.78 0.15 0.00	16.78 0.12 0.00	16.01 0.10 -0.03	15.44 0.11 0.00	15.43 0.12 0.00	16.72 0.10 0.00	19.57 0.12 -0.23	20.28 0.18 -0.43	21.01 0.17 -0.15	20.98 0.23 0.00	21.21 0.23 0.00	20.98 0.23 0.00	21.01 0.19 -0.02	20.83 0.16 -0.16	22.46 0.22 0.00	23.13 0.23 -0.24	24.29 0.30 -0.78	28.69 0.36 -1.01	28.91 0.22 -0.67	27.56 0.24 -0.61	27.43 0.19 0.00	23.52 0.19 0.00	21.91 0.26 0.00	19.97 0.20 0.00
OCC_CHEM____DRP 24175	17.55 -1.08 0.00	15.68 -0.98 0.00	15.01 -0.89 -0.02	14.49 -0.84 0.00	14.46 -0.84 0.00	15.52 -1.10 0.00	18.11 -1.21 -0.09	18.52 -1.34 -0.19	19.23 -1.53 -0.06	19.39 -1.37 0.00	19.53 -1.45 0.00	19.34 -1.41 0.00	19.11 -1.71 -0.01	18.94 -1.64 -0.07	20.42 -1.82 0.00	20.91 -1.86 -0.11	21.80 -1.74 -0.34	25.79 -1.97 -0.44	26.04 -2.27 -0.29	24.87 -2.11 -0.27	25.09 -2.15 0.00	21.63 -1.70 0.00	20.59 -1.06 0.00	18.57 -1.21 0.00
OH_GEN_PROXY 24063	17.81 -0.82 0.00	15.91 -0.75 0.00	15.15 -0.75 -0.02	14.70 -0.63 0.00	14.69 -0.61 0.00	15.77 -0.85 0.00	18.40 -0.94 -0.11	18.81 -1.04 -0.19	19.56 -1.20 -0.06	19.61 -1.14 0.00	19.86 -1.11 0.00	19.68 -1.08 0.00	19.48 -1.33 -0.01	19.27 -1.31 -0.07	20.10 -1.45 0.70	20.34 -1.47 0.85	22.17 -1.37 -0.34	26.23 -1.53 -0.44	26.51 -1.79 -0.29	25.29 -1.68 -0.26	25.52 -1.72 0.00	22.00 -1.33 0.00	20.90 -0.76 0.00	18.86 -0.91 0.00
OLIN_CORP_DRP 24177	17.70 -0.93 0.00	15.81 -0.85 0.00	14.98 -0.92 -0.02	14.62 -0.71 0.00	14.62 -0.69 0.00	15.65 -0.96 0.00	18.17 -1.17 -0.11	18.60 -1.26 -0.20	19.32 -1.45 -0.07	19.47 -1.29 0.00	19.61 -1.36 0.00	19.43 -1.33 0.00	19.19 -1.62 -0.01	19.00 -1.58 -0.07	20.51 -1.73 0.00	21.00 -1.77 -0.11	21.92 -1.62 -0.35	25.94 -1.83 -0.45	26.21 -2.10 -0.29	25.03 -1.95 -0.27	25.25 -1.99 0.00	21.75 -1.59 0.00	20.70 -0.95 0.00	18.71 -1.07 0.00
OLIN_CORP_DSASP 323712	17.55 -1.08 0.00	15.68 -0.98 0.00	15.01 -0.89 -0.02	14.49 -0.84 0.00	14.46 -0.84 0.00	15.52 -1.10 0.00	18.11 -1.21 -0.09	18.52 -1.34 -0.19	19.26 -1.51 -0.06	19.28 -1.47 0.00	19.53 -1.45 0.00	19.34 -1.41 0.00	19.13 -1.68 -0.01	18.94 -1.64 -0.07	20.42 -1.82 0.00	20.91 -1.86 -0.11	21.81 -1.74 -0.34	25.77 -1.99 -0.45	26.04 -2.27 -0.29	24.87 -2.11 -0.27	25.09 -2.15 0.00	21.63 -1.70 0.00	20.59 -1.06 0.00	18.57 -1.21 0.00
ONEIDA_HERK_LFGE 323681	19.00 0.37 0.00	16.96 0.30 0.00	16.15 0.27 0.00	15.59 0.26 0.00	15.58 0.28 0.00	16.95 0.33 0.00	19.75 0.50 -0.03	20.14 0.47 -0.01	21.16 0.45 0.00	21.07 0.31 0.00	21.23 0.25 0.00	21.03 0.27 0.00	21.06 0.25 0.00	20.70 0.18 -0.01	22.51 0.27 0.00	22.94 0.27 0.00	23.48 0.28 0.00	27.81 0.49 0.00	28.52 0.50 0.00	27.30 0.59 0.00	27.92 0.68 0.00	23.92 0.58 0.00	22.17 0.52 0.00	20.27 0.49 0.00
ONEIDA____115KV_TB4 55905	19.06 0.43 0.00	17.01 0.35 0.00	16.20 0.32 -0.01	15.64 0.31 0.00	15.63 0.32 0.00	17.00 0.38 0.00	19.81 0.54 -0.05	20.21 0.53 -0.01	21.22 0.52 0.00	21.27 0.52 0.00	21.38 0.40 0.00	21.19 0.44 0.00	21.14 0.33 0.00	20.85 0.33 -0.01	22.66 0.42 0.00	23.12 0.45 0.00	23.66 0.46 0.00	27.95 0.63 0.00	28.66 0.64 0.00	27.43 0.72 0.00	28.00 0.76 0.00	23.99 0.65 0.00	22.24 0.58 0.00	20.33 0.55 0.00

ONONDAGA_REF_OCCRA 23987	18.59 -0.04 0.00	16.61 -0.05 0.00	15.81 -0.08 -0.01	15.27 -0.06 0.00	15.24 -0.06 0.00	16.55 -0.07 0.00	19.41 0.10 -0.09	19.86 0.06 -0.14	20.79 0.04 -0.05	20.86 0.10 0.00	21.04 0.06 0.00	20.74 -0.02 0.00	20.75 -0.06 -0.01	20.52 -0.04 -0.05	22.33 0.09 0.00	22.81 0.07 -0.08	23.54 0.09 -0.25	27.77 0.14 -0.32	28.07 -0.14 -0.20	26.78 -0.11 -0.18	27.16 0.00 0.00	23.24 0.00 0.00	21.63 -0.02 0.00	19.77 0.00 0.00
ONONDAGA___COGEN 23986	18.65 0.02 0.00	16.66 0.00 0.00	15.86 -0.03 -0.01	15.31 -0.02 0.00	15.29 -0.02 0.00	16.59 -0.03 0.00	19.69 0.38 -0.08	20.17 0.37 -0.13	21.08 0.33 -0.04	21.17 0.42 0.00	21.29 0.31 0.00	20.80 0.04 0.00	20.79 -0.02 -0.01	20.56 0.00 -0.05	22.62 0.38 0.00	23.10 0.36 -0.07	23.82 0.39 -0.23	28.11 0.49 -0.30	28.03 -0.17 -0.18	26.74 -0.13 -0.16	27.16 -0.08 0.00	23.22 -0.12 0.00	21.63 -0.02 0.00	19.81 0.04 0.00
ONTARIO___LFGE 23819	18.61 -0.02 0.00	16.61 -0.05 0.00	15.80 -0.09 -0.02	15.28 -0.05 0.00	15.27 -0.03 0.00	16.55 -0.07 0.00	19.40 0.06 -0.11	19.89 0.04 -0.19	20.76 0.00 -0.06	20.78 0.02 0.00	21.00 0.02 0.00	20.76 0.00 0.00	20.73 -0.08 -0.01	20.43 -0.14 -0.07	22.22 -0.02 0.00	22.74 -0.02 -0.10	23.60 0.07 -0.33	27.94 0.19 -0.42	28.21 -0.08 -0.27	26.96 0.00 -0.25	27.24 0.00 0.00	23.29 -0.05 0.00	21.78 0.13 0.00	19.79 0.02 0.00
ORANGEVILLE_WT_PWR 323706	18.27 -0.35 0.00	16.33 -0.33 0.00	15.53 -0.36 -0.02	15.07 -0.26 0.00	15.05 -0.26 0.00	16.20 -0.41 0.00	18.77 -0.60 -0.13	19.27 -0.63 -0.24	20.14 -0.64 -0.08	20.15 -0.60 0.00	20.39 -0.59 0.00	20.17 -0.58 0.00	19.99 -0.83 -0.01	19.73 -0.86 -0.09	21.35 -0.89 0.00	21.89 -0.91 -0.13	22.86 -0.77 -0.42	27.07 -0.79 -0.55	27.39 -0.98 -0.36	26.18 -0.86 -0.33	26.34 -0.90 0.00	22.66 -0.68 0.00	21.42 -0.24 0.00	19.38 -0.40 0.00
ORANGEVILLE___ESR 323794	18.27 -0.35 0.00	16.33 -0.33 0.00	15.53 -0.36 -0.02	15.07 -0.26 0.00	15.05 -0.26 0.00	16.20 -0.41 0.00	18.77 -0.60 -0.13	19.27 -0.63 -0.24	20.14 -0.64 -0.08	20.15 -0.60 0.00	20.39 -0.59 0.00	20.17 -0.58 0.00	19.99 -0.83 -0.01	19.73 -0.86 -0.09	21.35 -0.89 0.00	21.89 -0.91 -0.13	22.86 -0.77 -0.42	27.07 -0.79 -0.55	27.39 -0.98 -0.36	26.18 -0.86 -0.33	26.34 -0.90 0.00	22.66 -0.68 0.00	21.42 -0.24 0.00	19.38 -0.40 0.00
OSWEGATCHIE___HYD 24044	18.81 0.19 0.00	16.78 0.12 0.00	15.96 0.08 0.00	15.42 0.09 0.00	15.41 0.11 0.00	16.78 0.17 0.00	19.56 0.31 -0.02	20.00 0.33 0.00	21.01 0.31 0.00	20.88 0.13 0.00	21.04 0.06 0.00	20.69 -0.06 0.00	20.77 -0.04 0.00	20.43 -0.08 0.00	22.26 0.02 0.00	22.66 0.00 0.00	23.01 -0.19 0.00	27.29 -0.03 0.00	27.96 -0.06 0.00	26.79 0.08 0.00	27.62 0.38 0.00	23.71 0.37 0.00	22.02 0.37 0.00	20.03 0.26 0.00
OSWEGO___5 23606	18.33 -0.30 0.00	16.38 -0.28 0.00	15.62 -0.27 -0.01	15.07 -0.26 0.00	15.06 -0.25 0.00	16.34 -0.28 0.00	18.89 -0.38 -0.04	19.18 -0.49 -0.01	20.19 -0.52 0.00	20.24 -0.52 0.00	20.45 -0.52 0.00	20.26 -0.50 0.00	20.29 -0.52 0.00	20.01 -0.51 -0.01	21.66 -0.58 0.00	22.05 -0.61 0.00	22.58 -0.63 0.00	26.61 -0.71 0.00	27.37 -0.64 0.00	26.12 -0.59 0.00	26.67 -0.57 0.00	22.82 -0.51 0.00	21.26 -0.39 0.00	19.48 -0.30 0.00
OSWEGO___6 23613	18.33 -0.30 0.00	16.38 -0.28 0.00	15.62 -0.27 -0.01	15.07 -0.26 0.00	15.06 -0.25 0.00	16.34 -0.28 0.00	18.89 -0.38 -0.04	19.18 -0.49 -0.01	20.19 -0.52 0.00	20.24 -0.52 0.00	20.45 -0.52 0.00	20.26 -0.50 0.00	20.29 -0.52 0.00	20.01 -0.51 -0.01	21.66 -0.58 0.00	22.05 -0.61 0.00	22.58 -0.63 0.00	26.61 -0.71 0.00	27.37 -0.64 0.00	26.12 -0.59 0.00	26.67 -0.57 0.00	22.82 -0.51 0.00	21.26 -0.39 0.00	19.48 -0.30 0.00
OUTOKUMPU-AB___DRP 24206	17.96 -0.67 0.00	16.05 -0.62 0.00	15.28 -0.62 -0.02	14.81 -0.52 0.00	14.80 -0.51 0.00	15.89 -0.73 0.00	18.43 -0.90 -0.11	18.94 -0.92 -0.20	19.69 -1.08 -0.07	19.82 -0.93 0.00	19.97 -1.01 0.00	19.80 -0.95 0.00	19.57 -1.25 -0.01	19.35 -1.23 -0.08	20.91 -1.33 0.00	21.41 -1.36 -0.11	22.37 -1.18 -0.35	26.49 -1.28 -0.45	26.74 -1.57 -0.30	25.51 -1.47 -0.27	25.77 -1.47 0.00	22.17 -1.17 0.00	21.05 -0.61 0.00	19.00 -0.77 0.00
OXBOW___ 24026	17.79 -0.84 0.00	15.90 -0.77 0.00	15.17 -0.73 -0.02	14.67 -0.66 0.00	14.66 -0.64 0.00	15.74 -0.88 0.00	18.29 -1.04 -0.10	18.74 -1.12 -0.20	19.53 -1.24 -0.07	19.55 -1.20 0.00	19.78 -1.19 0.00	19.61 -1.14 0.00	19.40 -1.42 -0.01	19.19 -1.40 -0.07	20.71 -1.53 0.00	21.21 -1.56 -0.11	22.13 -1.42 -0.35	26.16 -1.61 -0.45	26.46 -1.85 -0.30	25.25 -1.74 -0.27	25.49 -1.74 0.00	21.93 -1.40 0.00	20.88 -0.78 0.00	18.82 -0.95 0.00
OXY_CHEM_DSASP 323612	17.55 -1.08 0.00	15.68 -0.98 0.00	15.01 -0.89 -0.02	14.49 -0.84 0.00	14.46 -0.84 0.00	15.52 -1.10 0.00	18.11 -1.21 -0.09	18.52 -1.34 -0.19	19.23 -1.53 -0.06	19.39 -1.37 0.00	19.53 -1.45 0.00	19.34 -1.41 0.00	19.11 -1.71 -0.01	18.94 -1.64 -0.07	20.42 -1.82 0.00	20.91 -1.86 -0.11	21.80 -1.74 -0.34	25.79 -1.97 -0.44	26.04 -2.27 -0.29	24.87 -2.11 -0.27	25.09 -2.15 0.00	21.63 -1.70 0.00	20.59 -1.06 0.00	18.57 -1.21 0.00
OZONE_PARK_ESR 323760	19.84 1.21 0.00	17.76 1.10 0.00	17.07 1.08 -0.11	16.36 1.03 0.00	16.30 0.99 0.00	17.70 1.08 0.00	21.24 1.31 -0.70	22.43 1.55 -1.21	22.79 1.68 -0.41	22.52 1.74 -0.02	22.80 1.80 -0.02	22.58 1.81 -0.02	22.87 1.89 -0.17	23.92 1.89 -1.52	25.73 2.05 -1.44	27.88 2.13 -3.09	29.12 2.20 -3.71	36.84 2.57 -6.95	32.45 2.55 -1.89	30.79 2.35 -1.73	29.45 2.21 -0.01	25.18 1.84 0.00	23.20 1.54 -0.01	21.16 1.38 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	17.55 -1.08 0.00	15.68 -0.98 0.00	15.01 -0.89 -0.02	14.49 -0.84 0.00	14.46 -0.84 0.00	15.52 -1.10 0.00	18.11 -1.21 -0.09	18.52 -1.34 -0.19	19.23 -1.53 -0.06	19.39 -1.37 0.00	19.53 -1.45 0.00	19.34 -1.41 0.00	19.11 -1.71 -0.01	18.94 -1.64 -0.07	20.42 -1.82 0.00	20.91 -1.86 -0.11	21.80 -1.74 -0.34	25.79 -1.97 -0.44	26.04 -2.27 -0.29	24.87 -2.11 -0.27	25.09 -2.15 0.00	21.63 -1.70 0.00	20.59 -1.06 0.00	18.57 -1.21 0.00
PACKARD___115KV_DUPONT_184 80571	17.55 -1.08 0.00	15.68 -0.98 0.00	15.01 -0.89 -0.02	14.49 -0.84 0.00	14.46 -0.84 0.00	15.52 -1.10 0.00	18.11 -1.21 -0.09	18.52 -1.34 -0.19	19.23 -1.53 -0.06	19.39 -1.37 0.00	19.53 -1.45 0.00	19.34 -1.41 0.00	19.11 -1.71 -0.01	18.94 -1.64 -0.07	20.42 -1.82 0.00	20.91 -1.86 -0.11	21.80 -1.74 -0.34	25.79 -1.97 -0.44	26.04 -2.27 -0.29	24.87 -2.11 -0.27	25.09 -2.15 0.00	21.63 -1.70 0.00	20.59 -1.06 0.00	18.57 -1.21 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	19.88 1.25 0.00	17.82 1.15 -0.01	17.12 1.13 -0.11	16.39 1.06 -0.01	16.35 1.04 -0.01	17.73 1.11 0.00	21.18 1.25 -0.70	22.27 1.40 -1.21	22.54 1.43 -0.41	22.27 1.49 -0.02	22.55 1.55 -0.02	22.35 1.58 -0.02	22.53 1.66 -0.06	22.63 1.66 -0.46	24.04 1.80 0.00	25.20 1.88 -0.66	27.28 1.95 -2.13	32.36 2.27 -2.78	32.15 2.24 -1.89	30.47 2.03 -1.73	29.18 1.93 -0.01	25.06 1.73 0.00	23.18 1.52 -0.01	21.19 1.40 -0.01

PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	20.17 1.55 0.00	18.09 1.42 -0.01	17.38 1.38 -0.11	16.66 1.32 -0.01	16.61 1.30 -0.01	17.98 1.36 0.00	21.49 1.56 -0.70	22.49 1.61 -1.21	22.77 1.66 -0.41	22.58 1.81 -0.02	22.75 1.76 -0.02	22.66 1.89 -0.02	22.74 1.87 -0.06	22.83 1.87 -0.46	24.26 2.02 0.00	25.43 2.11 -0.66	27.51 2.18 -2.13	32.66 2.57 -2.78	32.43 2.52 -1.89	30.77 2.32 -1.73	29.51 2.26 -0.01	25.34 2.01 0.00	23.42 1.75 -0.01	21.52 1.74 -0.01
PATROON__115KV_TB1 80586	19.20 0.58 0.00	17.31 0.65 0.00	16.69 0.68 -0.13	15.99 0.66 0.00	15.93 0.63 0.00	17.30 0.68 0.00	20.79 0.69 -0.87	22.94 0.75 -2.53	22.40 0.81 -0.89	21.57 0.81 0.00	21.79 0.82 0.00	21.61 0.85 0.00	21.77 0.85 -0.11	22.19 0.82 -0.86	23.11 0.87 0.00	25.02 0.88 -1.47	28.88 0.90 -4.78	34.53 1.04 -6.17	33.26 1.04 -4.20	31.52 0.96 -3.85	28.16 0.93 0.00	24.15 0.82 0.00	22.35 0.69 0.00	20.39 0.61 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	18.24 -0.39 0.00	16.28 -0.38 0.00	15.47 -0.43 -0.02	15.01 -0.32 0.00	15.00 -0.31 0.00	16.14 -0.48 0.00	18.34 -1.02 -0.12	19.19 -0.69 -0.22	19.99 -0.79 -0.07	20.15 -0.60 0.00	20.37 -0.61 0.00	20.17 -0.58 0.00	19.96 -0.85 -0.01	19.63 -0.96 -0.08	21.37 -0.87 0.00	21.90 -0.88 -0.12	22.89 -0.70 -0.39	27.11 -0.71 -0.50	27.33 -1.01 -0.33	26.08 -0.93 -0.30	26.18 -1.06 0.00	22.54 -0.79 0.00	21.33 -0.32 0.00	19.36 -0.42 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	19.67 1.04 0.00	17.60 0.93 0.00	16.89 0.91 -0.11	16.19 0.86 0.00	16.13 0.83 0.00	17.50 0.88 0.00	21.05 1.12 -0.71	22.18 1.30 -1.22	22.47 1.37 -0.40	22.13 1.37 0.00	22.40 1.43 0.00	22.19 1.43 0.00	22.34 1.48 -0.05	22.47 1.50 -0.46	23.86 1.62 0.00	25.05 1.72 -0.67	27.18 1.81 -2.16	32.19 2.08 -2.80	32.05 2.13 -1.90	30.43 1.98 -1.74	29.15 1.91 0.00	24.97 1.63 0.00	22.84 1.19 0.00	20.88 1.11 0.00
PEEKSKILL____ 23653	19.56 0.93 0.00	17.50 0.83 0.00	16.81 0.83 -0.10	16.11 0.78 0.00	16.06 0.75 0.00	17.45 0.83 0.00	20.92 1.00 -0.69	22.05 1.20 -1.19	22.38 1.28 -0.39	22.13 1.37 0.00	22.40 1.43 0.00	22.19 1.43 0.00	22.36 1.50 -0.05	22.45 1.50 -0.45	23.86 1.62 0.00	25.01 1.70 -0.65	27.07 1.76 -2.11	32.10 2.05 -2.73	31.89 2.02 -1.85	30.25 1.84 -1.70	28.93 1.69 0.00	24.76 1.42 0.00	22.78 1.13 0.00	20.80 1.03 0.00
PGE MADISON__WINDPWR 24146	19.65 1.02 0.00	17.50 0.83 0.00	16.67 0.76 -0.03	16.08 0.75 0.00	16.09 0.78 0.00	17.53 0.91 0.00	20.68 1.23 -0.22	21.39 1.24 -0.48	22.01 1.14 -0.17	21.73 0.98 0.00	21.82 0.84 0.00	21.50 0.75 0.00	21.49 0.67 -0.02	21.29 0.61 -0.17	22.97 0.73 0.00	23.78 0.84 -0.27	25.09 1.00 -0.89	29.83 1.37 -1.15	30.26 1.48 -0.76	29.14 1.74 -0.70	29.20 1.96 0.00	25.01 1.68 0.00	23.15 1.49 0.00	21.06 1.28 0.00
PIERCEFIELD__HYD 23852	18.68 0.06 0.00	16.66 0.00 0.00	15.86 -0.02 0.00	15.30 -0.03 0.00	15.31 0.00 0.00	16.65 0.03 0.00	19.27 0.04 0.00	19.74 0.08 0.00	20.81 0.10 0.00	20.74 -0.02 0.00	20.93 -0.04 0.00	20.67 -0.08 0.00	20.73 -0.08 0.00	20.36 -0.14 0.00	22.13 -0.11 0.00	22.50 -0.16 0.00	22.71 -0.49 0.00	26.83 -0.49 0.00	27.57 -0.45 0.00	26.34 -0.37 0.00	27.29 0.05 0.00	23.45 0.12 0.00	21.76 0.11 0.00	19.79 0.02 0.00
PINELAWN_CC_1 323563	29.64 1.42 -9.60	24.38 1.28 -6.43	22.05 1.25 -4.92	21.48 1.20 -4.95	21.84 1.18 -5.35	25.43 1.28 -7.53	28.66 1.54 -7.89	23.73 1.87 -2.19	24.16 1.97 -1.49	23.40 2.08 -0.57	26.02 2.03 -3.01	27.32 1.91 -4.66	27.91 1.96 -5.14	28.21 2.05 -5.65	32.39 2.02 -8.13	35.98 2.11 -11.20	40.22 2.16 -14.86	49.70 2.46 -19.92	51.91 2.49 -21.40	39.15 2.35 -10.09	37.56 2.26 -8.06	37.15 1.91 -11.90	27.99 1.86 -4.47	25.99 1.54 -4.67
PJM_GEN_HTP_PROXY 323702	19.71 1.08 0.00	17.65 0.98 0.00	16.95 0.97 -0.11	16.23 0.90 0.00	16.19 0.89 0.00	17.58 0.96 0.00	21.10 1.17 -0.70	22.27 1.40 -1.21	22.61 1.49 -0.41	22.37 1.60 -0.02	22.63 1.64 -0.02	22.41 1.64 -0.02	22.69 1.71 -0.17	23.77 1.70 -1.56	25.57 1.84 -1.49	27.76 1.93 -3.17	28.97 2.00 -3.77	36.71 2.30 -7.10	32.17 2.27 -1.89	30.53 2.08 -1.73	29.18 1.93 -0.01	24.94 1.61 0.00	23.01 1.34 -0.01	21.00 1.23 0.00
PJM_GEN_KEystone 24065	18.83 0.21 0.00	16.85 0.18 0.00	16.12 0.17 -0.07	15.51 0.18 0.00	15.49 0.18 0.00	16.77 0.15 0.00	19.78 0.12 -0.43	20.63 0.22 -0.75	21.22 0.27 -0.25	21.13 0.37 0.00	21.44 0.46 0.00	21.21 0.46 0.00	21.26 0.42 -0.04	21.25 0.39 -0.36	22.81 0.47 -0.10	23.74 0.50 -0.58	25.22 0.58 -1.44	30.01 0.68 -2.01	29.71 0.53 -1.16	28.63 0.45 -1.47	27.11 0.27 0.40	23.61 0.28 0.00	22.00 0.35 0.00	20.03 0.26 0.00
PJM_GEN_NEPTUNE_PROXY 323594	23.98 1.21 -4.15	20.56 1.12 -2.78	19.14 1.08 -2.18	18.49 1.03 -2.14	18.63 1.01 -2.31	20.97 1.10 -3.25	24.36 1.33 -3.80	22.89 1.59 -1.63	23.27 1.70 -0.87	22.81 1.80 -0.25	24.04 1.76 -1.30	24.47 1.70 -2.01	24.78 1.73 -2.25	24.99 1.78 -2.70	27.64 1.89 -3.51	29.87 1.99 -5.21	32.92 2.09 -7.63	39.89 2.40 -10.17	40.70 2.38 -10.30	34.26 2.22 -5.33	32.79 2.07 -3.48	30.20 1.73 -5.14	25.12 1.54 -1.93	23.14 1.35 -2.02
PJM_GEN_VFT_PROXY 323633	19.67 1.04 0.00	17.61 0.95 0.00	16.92 0.94 -0.11	16.20 0.87 0.00	16.16 0.86 0.00	17.57 0.95 0.00	21.05 1.11 -0.70	22.21 1.34 -1.21	22.54 1.43 -0.41	22.33 1.56 -0.02	22.57 1.57 -0.02	22.37 1.60 -0.02	22.64 1.67 -0.17	23.71 1.68 -1.52	25.48 1.80 -1.44	27.63 1.88 -3.09	28.86 1.95 -3.72	36.48 2.21 -6.95	32.12 2.21 -1.89	30.47 2.03 -1.73	29.10 1.85 -0.01	24.87 1.54 0.00	22.92 1.26 -0.01	20.94 1.17 0.00
PLATSBRG_115KV_PMLD1 355749	18.94 0.32 0.00	16.88 0.22 0.00	16.02 0.14 0.00	15.45 0.12 0.00	15.46 0.15 0.00	16.80 0.18 0.00	19.44 0.21 0.00	19.98 0.31 0.00	21.05 0.35 0.00	20.94 0.19 0.00	21.25 0.27 0.00	20.84 0.08 0.00	21.02 0.21 0.00	20.67 0.16 0.00	22.51 0.27 0.00	23.00 0.34 0.00	23.48 0.28 0.00	27.75 0.44 0.00	28.58 0.56 0.00	27.24 0.53 0.00	28.00 0.76 0.00	23.94 0.61 0.00	22.28 0.63 0.00	20.19 0.42 0.00
PLEASANTVLY__LBMP 24000	19.50 0.88 0.00	17.46 0.80 0.00	16.78 0.79 -0.11	16.08 0.75 0.00	16.04 0.73 0.00	17.42 0.80 0.00	20.92 0.96 -0.73	22.06 1.14 -1.25	22.34 1.22 -0.41	22.00 1.25 0.00	22.28 1.30 0.00	22.06 1.31 0.00	22.25 1.39 -0.05	22.36 1.37 -0.48	23.71 1.47 0.00	24.89 1.54 -0.69	27.03 1.60 -2.22	32.02 1.83 -2.88	31.79 1.82 -1.95	30.16 1.66 -1.79	28.79 1.55 0.00	24.64 1.31 0.00	22.72 1.06 0.00	20.74 0.97 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	19.61 0.99 0.00	17.56 0.90 0.00	16.86 0.87 -0.11	16.16 0.83 0.00	16.12 0.81 0.00	17.50 0.88 0.00	21.01 1.08 -0.71	22.15 1.28 -1.21	22.49 1.39 -0.40	22.19 1.43 0.00	22.47 1.49 0.00	22.27 1.52 0.00	22.44 1.58 -0.05	22.55 1.58 -0.46	23.93 1.69 0.00	25.09 1.77 -0.66	27.18 1.83 -2.15	32.22 2.13 -2.77	32.00 2.10 -1.89	30.39 1.95 -1.73	29.04 1.80 0.00	24.83 1.49 0.00	22.89 1.23 0.00	20.88 1.11 0.00

PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	19.61 0.99 0.00	17.56 0.90 0.00	16.86 0.87 -0.11	16.16 0.83 0.00	16.12 0.81 0.00	17.50 0.88 0.00	21.01 1.08 -0.71	22.15 1.28 -1.21	22.49 1.39 -0.40	22.19 1.43 0.00	22.47 1.49 0.00	22.27 1.52 0.00	22.44 1.58 -0.05	22.55 1.58 -0.46	23.93 1.69 0.00	25.09 1.77 -0.66	27.18 1.83 -2.15	32.22 2.13 -2.77	32.00 2.10 -1.89	30.39 1.95 -1.73	29.04 1.80 0.00	24.83 1.49 0.00	22.89 1.23 0.00	20.88 1.11 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	19.60 0.97 0.00	17.53 0.87 0.00	16.81 0.83 -0.11	16.11 0.78 0.00	16.07 0.77 0.00	17.47 0.85 0.00	20.99 1.04 -0.72	22.13 1.22 -1.25	22.40 1.28 -0.41	22.06 1.31 0.00	22.34 1.36 0.00	22.11 1.35 0.00	22.25 1.39 -0.05	22.39 1.42 -0.47	23.78 1.53 0.00	24.96 1.61 -0.68	27.11 1.69 -2.22	32.12 1.94 -2.87	31.98 2.02 -1.95	30.31 1.82 -1.79	28.93 1.69 0.00	24.83 1.49 0.00	22.82 1.17 0.00	20.84 1.07 0.00
POLETTI____ 23519	19.71 1.08 0.00	17.65 0.98 0.00	16.95 0.97 -0.11	16.23 0.90 0.00	16.19 0.89 0.00	17.58 0.96 0.00	21.09 1.15 -0.70	22.25 1.38 -1.21	22.61 1.49 -0.41	22.31 1.54 -0.02	22.61 1.62 -0.02	22.39 1.62 -0.02	22.66 1.69 -0.17	23.69 1.66 -1.52	25.48 1.80 -1.44	27.63 1.88 -3.09	28.86 1.95 -3.72	32.47 2.24 -2.92	32.12 2.21 -1.89	30.47 2.03 -1.73	29.15 1.91 -0.01	24.92 1.59 0.00	23.00 1.34 -0.01	20.98 1.21 0.00
PORT_JEFF_3 23555	29.61 1.38 -9.60	24.38 1.28 -6.43	22.07 1.27 -4.92	21.49 1.21 -4.95	21.84 1.18 -5.35	25.41 1.26 -7.53	28.68 1.56 -7.89	23.75 1.89 -2.19	24.16 1.97 -1.49	23.43 2.10 -0.57	26.00 2.01 -3.01	27.32 1.91 -4.66	27.91 1.96 -5.14	28.21 2.05 -5.65	32.57 2.20 -8.13	36.20 2.33 -11.20	40.52 2.46 -14.86	50.00 2.76 -19.92	52.19 2.77 -21.40	39.34 2.54 -10.09	37.78 2.48 -8.06	37.31 2.08 -11.90	27.97 1.84 -4.47	25.91 1.46 -4.67
PORT_JEFF_4 23616	29.61 1.38 -9.60	24.38 1.28 -6.43	22.07 1.27 -4.92	21.49 1.21 -4.95	21.84 1.18 -5.35	25.41 1.26 -7.53	28.68 1.56 -7.89	23.75 1.89 -2.19	24.16 1.97 -1.49	23.43 2.10 -0.57	26.00 2.01 -3.01	27.32 1.91 -4.66	27.91 1.96 -5.14	28.21 2.05 -5.65	32.57 2.20 -8.13	36.20 2.33 -11.20	40.52 2.46 -14.86	50.00 2.76 -19.92	52.19 2.77 -21.40	39.34 2.54 -10.09	37.78 2.48 -8.06	37.31 2.08 -11.90	27.97 1.84 -4.47	25.91 1.46 -4.67
PORT_JEFF_IC 23713	29.63 1.40 -9.60	24.38 1.28 -6.43	22.08 1.29 -4.92	21.51 1.23 -4.95	21.85 1.19 -5.35	25.43 1.28 -7.53	28.70 1.58 -7.89	23.76 1.91 -2.19	24.18 1.99 -1.49	23.45 2.12 -0.57	26.02 2.03 -3.01	27.34 1.93 -4.66	27.93 1.98 -5.14	28.23 2.07 -5.65	32.59 2.22 -8.13	36.25 2.38 -11.20	40.57 2.51 -14.86	49.95 2.71 -19.92	52.13 2.72 -21.40	39.28 2.48 -10.09	37.78 2.48 -8.06	37.36 2.12 -11.90	27.99 1.86 -4.47	25.91 1.46 -4.67
PPL PILGRIM_ST_GT1 24216	29.74 1.51 -9.60	24.48 1.38 -6.43	22.14 1.35 -4.92	21.57 1.29 -4.95	21.93 1.27 -5.35	25.53 1.38 -7.53	28.77 1.65 -7.89	23.84 1.99 -2.19	24.30 2.11 -1.49	23.55 2.22 -0.57	26.15 2.16 -3.01	27.47 2.06 -4.66	28.05 2.10 -5.14	28.35 2.20 -5.65	32.73 2.36 -8.13	36.36 2.49 -11.20	40.59 2.53 -14.86	50.19 2.95 -19.92	52.38 2.97 -21.40	39.63 2.83 -10.09	38.02 2.72 -8.06	37.50 2.26 -11.90	28.12 1.99 -4.47	26.09 1.64 -4.67
PPL PILGRIM_ST_GT2 24217	29.74 1.51 -9.60	24.48 1.38 -6.43	22.14 1.35 -4.92	21.57 1.29 -4.95	21.93 1.27 -5.35	25.53 1.38 -7.53	28.77 1.65 -7.89	23.84 1.99 -2.19	24.30 2.11 -1.49	23.55 2.22 -0.57	26.15 2.16 -3.01	27.47 2.06 -4.66	28.05 2.10 -5.14	28.35 2.20 -5.65	32.73 2.36 -8.13	36.36 2.49 -11.20	40.59 2.53 -14.86	50.19 2.95 -19.92	52.38 2.97 -21.40	39.63 2.83 -10.09	38.02 2.72 -8.06	37.50 2.26 -11.90	28.12 1.99 -4.47	26.09 1.64 -4.67
PPL_SHRM_GT3 24213	29.39 1.16 -9.60	24.25 1.15 -6.43	21.99 1.19 -4.92	21.40 1.12 -4.95	21.73 1.07 -5.35	25.30 1.15 -7.53	28.60 1.48 -7.89	23.51 1.65 -2.19	23.84 1.66 -1.49	23.11 1.79 -0.57	25.67 1.68 -3.01	27.07 1.66 -4.66	27.68 1.73 -5.14	27.92 1.76 -5.65	32.26 1.89 -8.13	35.93 2.06 -11.20	40.24 2.18 -14.86	49.78 2.54 -19.92	51.97 2.55 -21.40	39.12 2.32 -10.09	37.50 2.21 -8.06	37.05 1.82 -11.90	27.66 1.54 -4.47	25.67 1.23 -4.67
PPL_SHRM_GT4 24214	29.39 1.16 -9.60	24.25 1.15 -6.43	21.99 1.19 -4.92	21.40 1.12 -4.95	21.73 1.07 -5.35	25.30 1.15 -7.53	28.60 1.48 -7.89	23.51 1.65 -2.19	23.84 1.66 -1.49	23.11 1.79 -0.57	25.67 1.68 -3.01	27.07 1.66 -4.66	27.68 1.73 -5.14	27.92 1.76 -5.65	32.26 1.89 -8.13	35.93 2.06 -11.20	40.24 2.18 -14.86	49.78 2.54 -19.92	51.97 2.55 -21.40	39.12 2.32 -10.09	37.50 2.21 -8.06	37.05 1.82 -11.90	27.66 1.54 -4.47	25.67 1.23 -4.67
PROJECT____ORANGE 1 24174	18.53 -0.09 0.00	16.56 -0.10 0.00	15.78 -0.11 -0.01	15.24 -0.09 0.00	15.21 -0.09 0.00	16.50 -0.12 0.00	19.30 0.00 -0.07	19.72 -0.06 -0.11	20.68 -0.06 -0.04	20.76 0.00 0.00	20.93 -0.04 0.00	20.67 -0.08 0.00	20.67 -0.15 0.00	20.43 -0.12 -0.04	22.20 -0.04 0.00	22.66 -0.07 -0.06	23.35 -0.05 -0.20	27.54 -0.03 -0.25	27.92 -0.25 -0.15	26.64 -0.21 -0.14	27.05 -0.19 0.00	23.15 -0.19 0.00	21.55 -0.11 0.00	19.73 -0.04 0.00
PROJECT____ORANGE 2 24166	18.53 -0.09 0.00	16.56 -0.10 0.00	15.78 -0.11 -0.01	15.24 -0.09 0.00	15.21 -0.09 0.00	16.50 -0.12 0.00	19.30 0.00 -0.07	19.72 -0.06 -0.11	20.68 -0.06 -0.04	20.76 0.00 0.00	20.93 -0.04 0.00	20.67 -0.08 0.00	20.67 -0.15 0.00	20.43 -0.12 -0.04	22.20 -0.04 0.00	22.66 -0.07 -0.06	23.35 -0.05 -0.20	27.54 -0.03 -0.25	27.92 -0.25 -0.15	26.64 -0.21 -0.14	27.05 -0.19 0.00	23.15 -0.19 0.00	21.55 -0.11 0.00	19.73 -0.04 0.00
PUCKETT____SOLAR 323809	18.98 0.35 0.00	16.95 0.28 0.00	16.17 0.25 -0.03	15.59 0.26 0.00	15.58 0.28 0.00	16.90 0.28 0.00	19.81 0.35 -0.23	20.47 0.33 -0.47	21.17 0.31 -0.16	21.03 0.27 0.00	21.21 0.23 0.00	20.96 0.21 0.00	20.99 0.17 -0.02	20.82 0.14 -0.17	22.44 0.20 0.00	23.18 0.25 -0.27	24.41 0.35 -0.86	28.95 0.52 -1.11	29.26 0.50 -0.74	27.97 0.59 -0.68	27.84 0.60 0.00	23.85 0.51 0.00	22.20 0.54 0.00	20.21 0.43 0.00
PYRITES____HYD 24023	18.85 0.22 0.00	16.81 0.15 0.00	15.99 0.11 0.00	15.44 0.11 0.00	15.43 0.12 0.00	16.82 0.20 0.00	19.48 0.25 0.00	19.94 0.28 0.00	21.01 0.31 0.00	20.98 0.23 0.00	21.12 0.15 0.00	20.88 0.12 0.00	20.91 0.10 0.00	20.51 0.00 0.00	22.31 0.07 0.00	22.73 0.07 0.00	22.99 -0.21 0.00	27.15 -0.16 0.00	27.93 -0.08 0.00	26.71 0.00 0.00	27.62 0.38 0.00	23.68 0.35 0.00	21.98 0.32 0.00	19.97 0.20 0.00
QUAKERRD_115KV_BK1 80622	17.86 -0.76 0.00	15.96 -0.70 0.00	15.19 -0.70 -0.01	14.67 -0.66 0.00	14.68 -0.63 0.00	15.87 -0.75 0.00	18.57 -0.75 -0.09	18.98 -0.83 -0.15	19.84 -0.91 -0.05	19.90 -0.85 0.00	20.07 -0.90 0.00	19.88 -0.87 0.00	19.80 -1.02 -0.01	19.56 -1.00 -0.06	21.17 -1.07 0.00	21.68 -1.07 -0.08	22.42 -1.04 -0.26	26.51 -1.15 -0.34	26.92 -1.32 -0.22	25.71 -1.20 -0.20	26.07 -1.17 0.00	22.33 -1.00 0.00	20.94 -0.71 0.00	18.96 -0.81 0.00

QUENSBRY_I15KV_TB8 356137	20.12 1.49 0.00	17.96 1.30 0.00	17.28 1.27 -0.13	16.56 1.23 0.00	16.55 1.24 0.00	18.00 1.38 0.00	21.83 1.71 -0.89	24.73 1.83 -3.23	23.88 2.03 -1.15	22.73 1.97 0.00	22.93 1.95 0.00	22.50 1.74 0.00	22.59 1.64 -0.14	23.19 1.62 -1.06	24.02 1.78 0.00	26.46 1.88 -1.91	31.38 1.97 -6.20	37.88 2.54 -8.02	36.00 2.52 -5.46	34.17 2.46 -5.00	29.74 2.51 0.00	25.55 2.22 0.00	23.58 1.93 0.00	21.34 1.56 0.00
RAMAPO____LBMP 323565	19.48 0.86 0.00	17.45 0.78 0.00	16.74 0.76 -0.10	16.03 0.71 0.00	15.99 0.69 0.00	17.38 0.76 0.00	20.85 0.94 -0.67	21.94 1.12 -1.16	22.31 1.22 -0.38	22.04 1.29 0.00	22.34 1.36 0.00	22.13 1.37 0.00	22.29 1.44 -0.05	22.38 1.44 -0.44	23.80 1.56 0.00	24.93 1.63 -0.63	26.94 1.69 -2.05	31.91 1.94 -2.65	31.72 1.91 -1.80	30.10 1.74 -1.65	28.79 1.55 0.00	24.66 1.33 0.00	22.72 1.06 0.00	20.74 0.97 0.00
RANKINE____ 23646	18.20 -0.43 0.00	16.25 -0.42 0.00	15.45 -0.44 -0.02	14.99 -0.34 0.00	14.98 -0.32 0.00	16.10 -0.52 0.00	18.58 -0.77 -0.12	19.21 -0.67 -0.21	19.97 -0.81 -0.07	20.13 -0.62 0.00	20.31 -0.67 0.00	20.11 -0.64 0.00	19.90 -0.92 -0.01	19.65 -0.94 -0.08	21.26 -0.98 0.00	21.78 -1.00 -0.12	22.74 -0.84 -0.38	26.93 -0.87 -0.48	27.16 -1.18 -0.32	25.93 -1.07 -0.29	26.12 -1.12 0.00	22.47 -0.86 0.00	21.33 -0.32 0.00	19.28 -0.49 0.00
RAVENSWOOD_GT2_1 24244	19.71 1.08 0.00	17.66 1.00 0.00	16.95 0.97 -0.11	16.25 0.92 0.00	16.21 0.90 0.00	17.60 0.98 0.00	21.10 1.17 -0.70	22.27 1.40 -1.21	22.61 1.49 -0.41	22.37 1.60 -0.02	22.63 1.64 -0.02	22.41 1.64 -0.02	22.68 1.71 -0.16	23.70 1.70 -1.49	25.48 1.84 -1.39	27.60 1.93 -3.01	28.86 2.00 -3.67	36.46 2.32 -6.82	32.20 2.30 -1.89	30.53 2.08 -1.73	29.18 1.93 -0.01	24.97 1.63 0.00	23.03 1.37 -0.01	21.00 1.23 0.00
RAVENSWOOD_GT2_2 24245	19.71 1.08 0.00	17.66 1.00 0.00	16.95 0.97 -0.11	16.25 0.92 0.00	16.21 0.90 0.00	17.60 0.98 0.00	21.10 1.17 -0.70	22.27 1.40 -1.21	22.61 1.49 -0.41	22.37 1.60 -0.02	22.63 1.64 -0.02	22.41 1.64 -0.02	22.68 1.71 -0.16	23.70 1.70 -1.49	25.48 1.84 -1.39	27.60 1.93 -3.01	28.86 2.00 -3.67	36.46 2.32 -6.82	32.20 2.30 -1.89	30.53 2.08 -1.73	29.18 1.93 -0.01	24.97 1.63 0.00	23.03 1.37 -0.01	21.00 1.23 0.00
RAVENSWOOD_GT2_3 24246	19.73 1.10 0.00	17.66 1.00 0.00	16.97 0.98 -0.11	16.25 0.92 0.00	16.21 0.90 0.00	17.60 0.98 0.00	21.10 1.17 -0.70	22.27 1.40 -1.21	22.63 1.51 -0.41	22.37 1.60 -0.02	22.63 1.64 -0.02	22.41 1.64 -0.02	22.70 1.73 -0.16	23.72 1.72 -1.49	25.50 1.87 -1.39	27.60 1.93 -3.01	28.88 2.02 -3.67	36.46 2.32 -6.82	32.20 2.30 -1.89	30.55 2.11 -1.73	29.21 1.96 -0.01	24.97 1.63 0.00	23.03 1.37 -0.01	21.02 1.25 0.00
RAVENSWOOD_GT2_4 24247	19.73 1.10 0.00	17.66 1.00 0.00	16.97 0.98 -0.11	16.25 0.92 0.00	16.21 0.90 0.00	17.60 0.98 0.00	21.10 1.17 -0.70	22.27 1.40 -1.21	22.63 1.51 -0.41	22.37 1.60 -0.02	22.63 1.64 -0.02	22.41 1.64 -0.02	22.70 1.73 -0.16	23.72 1.72 -1.49	25.50 1.87 -1.39	27.60 1.93 -3.01	28.88 2.02 -3.67	36.46 2.32 -6.82	32.20 2.30 -1.89	30.55 2.11 -1.73	29.21 1.96 -0.01	24.97 1.63 0.00	23.03 1.37 -0.01	21.02 1.25 0.00
RAVENSWOOD_GT3_1 24248	19.71 1.08 0.00	17.66 1.00 0.00	16.95 0.97 -0.11	16.25 0.92 0.00	16.21 0.90 0.00	17.60 0.98 0.00	21.10 1.17 -0.70	22.27 1.40 -1.21	22.61 1.49 -0.41	22.37 1.60 -0.02	22.61 1.62 -0.02	22.41 1.64 -0.02	22.68 1.71 -0.16	23.70 1.70 -1.49	25.48 1.84 -1.39	27.60 1.93 -3.01	28.86 2.00 -3.67	36.46 2.32 -6.82	32.20 2.30 -1.89	30.53 2.08 -1.73	29.18 1.93 -0.01	24.97 1.63 0.00	23.03 1.37 -0.01	21.00 1.23 0.00
RAVENSWOOD_GT3_2 24249	19.71 1.08 0.00	17.66 1.00 0.00	16.95 0.97 -0.11	16.25 0.92 0.00	16.21 0.90 0.00	17.60 0.98 0.00	21.10 1.17 -0.70	22.27 1.40 -1.21	22.61 1.49 -0.41	22.37 1.60 -0.02	22.61 1.62 -0.02	22.41 1.64 -0.02	22.68 1.71 -0.16	23.70 1.70 -1.49	25.48 1.84 -1.39	27.60 1.93 -3.01	28.86 2.00 -3.67	36.46 2.32 -6.82	32.20 2.30 -1.89	30.53 2.08 -1.73	29.18 1.93 -0.01	24.97 1.63 0.00	23.03 1.37 -0.01	21.00 1.23 0.00
RAVENSWOOD_GT3_3 24250	19.73 1.10 0.00	17.68 1.02 0.00	16.97 0.98 -0.11	16.26 0.94 0.00	16.22 0.92 0.00	17.62 1.00 0.00	21.12 1.19 -0.70	22.29 1.42 -1.21	22.65 1.53 -0.41	22.37 1.60 -0.02	22.65 1.66 -0.02	22.43 1.66 -0.02	22.72 1.75 -0.16	23.74 1.74 -1.49	25.53 1.89 -1.39	27.62 1.95 -3.01	28.91 2.04 -3.67	36.49 2.35 -6.82	32.23 2.33 -1.89	30.58 2.14 -1.73	29.23 1.99 -0.01	24.99 1.66 0.00	23.05 1.39 -0.01	21.04 1.27 0.00
RAVENSWOOD_GT3_4 24251	19.73 1.10 0.00	17.68 1.02 0.00	16.97 0.98 -0.11	16.26 0.94 0.00	16.22 0.92 0.00	17.62 1.00 0.00	21.12 1.19 -0.70	22.29 1.42 -1.21	22.63 1.51 -0.41	22.39 1.62 -0.02	22.65 1.66 -0.02	22.43 1.66 -0.02	22.72 1.75 -0.16	23.74 1.74 -1.49	25.52 1.89 -1.39	27.62 1.95 -3.01	28.91 2.04 -3.67	36.49 2.35 -6.82	32.23 2.32 -1.89	30.58 2.14 -1.73	29.23 1.99 -0.01	24.99 1.66 0.00	23.05 1.39 -0.01	21.04 1.27 0.00
RAVENSWOOD_GT_1 23729	19.80 1.17 0.00	17.76 1.08 -0.01	17.04 1.05 -0.12	16.32 1.00 0.00	16.27 0.96 0.00	17.67 1.05 0.00	21.16 1.23 -0.70	22.29 1.42 -1.21	22.65 1.53 -0.41	22.41 1.64 -0.02	22.67 1.68 -0.02	22.45 1.68 -0.02	22.74 1.77 -0.16	23.78 1.78 -1.49	25.57 1.93 -1.39	27.69 2.02 -3.01	28.96 2.09 -3.67	36.57 2.43 -6.82	32.29 2.38 -1.89	30.60 2.16 -1.73	29.26 2.02 -0.01	25.06 1.73 0.00	23.11 1.45 -0.01	21.11 1.32 -0.01
RAVENSWOOD_GT_10 24258	19.71 1.08 0.00	17.65 0.98 0.00	16.95 0.97 -0.11	16.25 0.92 0.00	16.19 0.89 0.00	17.58 0.96 0.00	21.10 1.17 -0.70	22.27 1.40 -1.21	22.61 1.49 -0.41	22.35 1.58 -0.02	22.61 1.62 -0.02	22.41 1.64 -0.02	22.70 1.73 -0.16	23.70 1.70 -1.49	25.48 1.85 -1.39	27.60 1.93 -3.01	28.86 2.00 -3.67	36.43 2.29 -6.82	32.20 2.30 -1.89	30.53 2.08 -1.73	29.21 1.96 -0.01	24.94 1.61 0.00	23.00 1.34 -0.01	21.00 1.23 0.00
RAVENSWOOD_GT_11 24259	19.71 1.08 0.00	17.65 0.98 0.00	16.95 0.97 -0.11	16.25 0.92 0.00	16.19 0.89 0.00	17.60 0.98 0.00	21.10 1.17 -0.70	22.27 1.40 -1.21	22.61 1.49 -0.41	22.37 1.60 -0.02	22.61 1.62 -0.02	22.41 1.64 -0.02	22.68 1.71 -0.16	23.70 1.70 -1.49	25.48 1.84 -1.39	27.60 1.93 -3.01	28.86 2.00 -3.67	36.46 2.32 -6.82	32.17 2.27 -1.89	30.53 2.08 -1.73	29.18 1.93 -0.01	24.94 1.61 0.00	23.00 1.34 -0.01	21.00 1.23 0.00
RAVENSWOOD_GT_4 24252	19.69 1.06 0.00	17.64 0.98 0.01	16.93 0.95 -0.10	16.23 0.90 0.00	16.19 0.89 0.00	17.58 0.96 0.00	21.09 1.15 -0.70	22.27 1.40 -1.21	22.63 1.51 -0.41	22.33 1.56 -0.02	22.63 1.64 -0.02	22.41 1.64 -0.02	22.68 1.71 -0.16	23.70 1.70 -1.49	25.48 1.85 -1.39	27.60 1.93 -3.01	28.86 2.00 -3.67	36.44 2.29 -6.82	32.18 2.27 -1.89	30.53 2.08 -1.73	29.21 1.96 -0.01	24.94 1.61 0.00	23.00 1.34 -0.01	20.97 1.21 0.01

RAVENSWOOD_GT_5 24254	19.69 1.06 0.00	17.64 0.98 0.01	16.93 0.95 -0.10	16.23 0.90 0.00	16.19 0.89 0.00	17.58 0.96 0.00	21.09 1.15 -0.70	22.27 1.40 -1.21	22.63 1.51 -0.41	22.33 1.56 -0.02	22.63 1.64 -0.02	22.41 1.64 -0.02	22.68 1.71 -0.16	23.70 1.70 -1.49	25.48 1.85 -1.39	27.60 1.93 -3.01	28.86 2.00 -3.67	36.44 2.29 -6.82	32.18 2.27 -1.89	30.53 2.08 -1.73	29.21 1.96 -0.01	24.94 1.61 0.00	23.00 1.34 -0.01	20.97 1.21 0.01
RAVENSWOOD_GT_6 24253	19.69 1.06 0.00	17.64 0.98 0.01	16.93 0.95 -0.10	16.23 0.90 0.00	16.19 0.89 0.00	17.58 0.96 0.00	21.09 1.15 -0.70	22.27 1.40 -1.21	22.63 1.51 -0.41	22.33 1.56 -0.02	22.63 1.64 -0.02	22.41 1.64 -0.02	22.68 1.71 -0.16	23.70 1.70 -1.49	25.48 1.85 -1.39	27.60 1.93 -3.01	28.86 2.00 -3.67	36.44 2.29 -6.82	32.18 2.27 -1.89	30.53 2.08 -1.73	29.21 1.96 -0.01	24.94 1.61 0.00	23.00 1.34 -0.01	20.97 1.21 0.01
RAVENSWOOD_GT_7 24255	19.69 1.06 0.00	17.64 0.98 0.01	16.93 0.95 -0.10	16.23 0.90 0.00	16.19 0.89 0.00	17.58 0.96 0.00	21.09 1.15 -0.70	22.27 1.40 -1.21	22.63 1.51 -0.41	22.33 1.56 -0.02	22.63 1.64 -0.02	22.41 1.64 -0.02	22.68 1.71 -0.16	23.70 1.70 -1.49	25.48 1.85 -1.39	27.60 1.93 -3.01	28.86 2.00 -3.67	36.44 2.29 -6.82	32.18 2.27 -1.89	30.53 2.08 -1.73	29.21 1.96 -0.01	24.94 1.61 0.00	23.00 1.34 -0.01	20.97 1.21 0.01
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	19.71 1.08 0.00	17.65 0.98 0.00	16.95 0.97 -0.11	16.25 0.92 0.00	16.19 0.89 0.00	17.58 0.96 0.00	21.10 1.17 -0.70	22.27 1.40 -1.21	22.61 1.49 -0.41	22.35 1.58 -0.02	22.61 1.62 -0.02	22.41 1.64 -0.02	22.70 1.73 -0.16	23.70 1.70 -1.49	25.48 1.85 -1.39	27.60 1.93 -3.01	28.86 2.00 -3.67	36.43 2.29 -6.82	32.20 2.30 -1.89	30.53 2.08 -1.73	29.21 1.96 -0.01	24.94 1.61 0.00	23.00 1.34 -0.01	21.00 1.23 0.00
RAVENSWOOD_GT_9 24257	19.71 1.08 0.00	17.65 0.98 0.00	16.95 0.97 -0.11	16.25 0.92 0.00	16.19 0.89 0.00	17.60 0.98 0.00	21.10 1.17 -0.70	22.27 1.40 -1.21	22.61 1.49 -0.41	22.37 1.60 -0.02	22.61 1.62 -0.02	22.41 1.64 -0.02	22.68 1.71 -0.16	23.70 1.70 -1.49	25.48 1.84 -1.39	27.60 1.93 -3.01	28.86 2.00 -3.67	36.46 2.32 -6.82	32.17 2.27 -1.89	30.53 2.08 -1.73	29.18 1.93 -0.01	24.94 1.61 0.00	23.00 1.34 -0.01	21.00 1.23 0.00
RAVENSWOOD___1 23533	19.78 1.16 0.00	17.74 1.07 -0.01	17.04 1.05 -0.11	16.31 0.98 0.00	16.27 0.96 0.00	17.65 1.03 0.00	21.14 1.21 -0.70	22.29 1.42 -1.21	22.63 1.51 -0.41	22.39 1.62 -0.02	22.65 1.66 -0.02	22.45 1.68 -0.02	22.74 1.77 -0.16	23.76 1.76 -1.49	25.55 1.91 -1.39	27.67 1.99 -3.01	28.96 2.09 -3.67	36.57 2.43 -6.82	32.26 2.35 -1.89	30.58 2.14 -1.73	29.26 2.02 -0.01	25.04 1.70 0.00	23.11 1.45 -0.01	21.11 1.32 -0.01
RAVENSWOOD___2 23534	19.78 1.16 0.00	17.74 1.07 -0.01	17.03 1.03 -0.11	16.31 0.98 0.00	16.27 0.96 0.00	17.65 1.03 0.00	21.14 1.21 -0.70	22.29 1.42 -1.21	22.63 1.51 -0.41	22.39 1.62 -0.02	22.65 1.66 -0.02	22.43 1.66 -0.02	22.72 1.75 -0.16	23.76 1.76 -1.49	25.55 1.91 -1.39	27.67 1.99 -3.01	28.93 2.06 -3.67	36.54 2.40 -6.82	32.26 2.35 -1.89	30.58 2.14 -1.73	29.23 1.99 -0.01	25.04 1.70 0.00	23.09 1.43 -0.01	21.09 1.30 -0.01
RAVENSWOOD___3 23535	19.71 1.08 0.00	17.66 1.00 0.00	16.95 0.97 -0.11	16.25 0.92 0.00	16.21 0.90 0.00	17.60 0.98 0.00	21.10 1.17 -0.70	22.27 1.40 -1.21	22.61 1.49 -0.41	22.37 1.60 -0.02	22.63 1.64 -0.02	22.41 1.64 -0.02	22.68 1.71 -0.16	23.70 1.70 -1.49	25.48 1.84 -1.39	27.60 1.93 -3.01	28.86 2.00 -3.67	36.46 2.32 -6.82	32.20 2.30 -1.89	30.53 2.08 -1.73	29.21 1.96 -0.01	24.97 1.63 0.00	23.03 1.37 -0.01	21.00 1.23 0.00
RAVENSWOOD___4 23820	19.78 1.16 0.00	17.72 1.05 -0.01	17.02 1.03 -0.11	16.30 0.97 0.00	16.25 0.95 0.00	17.63 1.01 0.00	21.12 1.19 -0.70	22.27 1.40 -1.21	22.61 1.49 -0.41	22.37 1.60 -0.02	22.63 1.64 -0.02	22.43 1.66 -0.02	22.72 1.75 -0.16	23.76 1.76 -1.49	25.52 1.89 -1.39	27.67 1.99 -3.01	28.93 2.06 -3.67	36.54 2.40 -6.82	32.26 2.35 -1.89	30.58 2.14 -1.73	29.23 1.99 -0.01	25.01 1.68 0.00	23.09 1.43 -0.01	21.09 1.30 -0.01
RCPL_TRUST___DRP 24196	19.80 1.17 0.00	17.66 1.00 0.00	16.97 0.98 -0.11	16.25 0.92 0.00	16.21 0.90 0.00	17.60 0.98 0.00	21.12 1.19 -0.70	22.29 1.42 -1.21	22.65 1.53 -0.41	22.37 1.60 -0.02	22.65 1.66 -0.02	22.45 1.68 -0.02	22.73 1.75 -0.17	23.79 1.72 -1.56	25.60 1.87 -1.49	27.78 1.95 -3.17	28.99 2.02 -3.77	36.74 2.32 -7.10	32.40 2.49 -1.89	30.58 2.14 -1.73	29.24 1.99 -0.01	24.99 1.66 0.00	23.05 1.39 -0.01	21.02 1.25 0.00
RED___ROCHESTER 323720	18.48 -0.15 0.00	16.51 -0.15 0.00	15.70 -0.19 -0.01	15.18 -0.15 0.00	15.18 -0.12 0.00	16.40 -0.22 0.00	19.19 -0.13 -0.09	19.70 -0.12 -0.15	20.52 -0.23 -0.05	20.57 -0.19 0.00	20.81 -0.17 0.00	20.59 -0.17 0.00	20.48 -0.33 -0.01	20.24 -0.33 -0.06	21.91 -0.33 0.00	22.47 -0.27 -0.08	23.21 -0.25 -0.27	27.44 -0.22 -0.34	27.87 -0.36 -0.22	26.60 -0.32 -0.21	26.99 -0.25 0.00	23.12 -0.21 0.00	21.76 0.11 0.00	19.60 -0.18 0.00
REGAN___SOLAR 323812	20.69 2.07 0.00	18.40 1.73 0.00	17.68 1.65 -0.15	16.95 1.62 0.00	16.97 1.67 0.00	18.46 1.84 0.00	22.60 2.36 -1.01	24.77 2.04 -3.06	23.79 2.01 -1.08	22.60 1.85 0.00	22.80 1.82 0.00	22.69 1.93 0.00	22.85 1.91 -0.13	23.24 1.70 -1.03	24.13 1.89 0.00	26.42 1.97 -1.79	31.09 2.09 -5.80	37.52 2.71 -7.50	35.92 2.80 -5.11	34.22 2.83 -4.68	30.18 2.94 0.00	25.90 2.57 0.00	23.86 2.21 0.00	21.87 2.10 0.00
RENSSELAER___COGEN 23796	19.13 0.50 0.00	17.25 0.58 0.00	16.63 0.62 -0.13	15.93 0.60 0.00	15.87 0.57 0.00	17.23 0.62 0.00	20.68 0.60 -0.86	22.59 0.65 -2.28	22.20 0.70 -0.80	21.48 0.73 0.00	21.69 0.71 0.00	21.50 0.75 0.00	21.63 0.73 -0.10	22.01 0.72 -0.78	23.00 0.76 0.00	24.75 0.77 -1.31	28.25 0.79 -4.26	33.73 0.90 -5.51	32.66 0.90 -3.75	30.98 0.83 -3.44	28.03 0.79 0.00	24.03 0.70 0.00	22.24 0.58 0.00	20.31 0.53 0.00
REPUBLIC_115KV_BARTNBRK 55605	21.07 2.44 0.00	18.75 2.08 0.00	18.03 2.02 -0.13	17.29 1.96 0.00	17.30 1.99 0.00	18.83 2.21 0.00	22.89 2.77 -0.89	25.66 2.77 -3.22	24.79 2.94 -1.15	23.72 2.97 0.00	23.87 2.89 0.00	23.52 2.76 0.00	23.51 2.56 -0.14	24.05 2.48 -1.06	25.00 2.76 0.00	27.40 2.83 -1.91	32.38 2.99 -6.18	39.14 3.82 -7.99	37.24 3.78 -5.45	35.47 3.77 -4.99	31.13 3.90 0.00	26.79 3.45 0.00	24.69 3.03 0.00	22.28 2.51 0.00
REVERE_CPPR_DRP 24186	19.20 0.58 0.00	17.13 0.47 0.00	16.30 0.41 -0.01	15.73 0.40 0.00	15.73 0.43 0.00	17.12 0.50 0.00	19.98 0.71 -0.04	20.40 0.73 -0.01	21.39 0.68 0.00	21.42 0.66 0.00	21.48 0.50 0.00	21.30 0.54 0.00	21.25 0.44 0.00	20.93 0.41 -0.01	22.77 0.53 0.00	23.23 0.57 0.00	23.78 0.58 0.00	28.14 0.82 0.00	28.88 0.87 0.00	27.70 0.99 0.00	28.30 1.06 0.00	24.22 0.89 0.00	22.43 0.78 0.00	20.51 0.73 0.00

REYNOLDS_115KV_TB3 80639	19.28 0.65 0.00	17.33 0.67 0.00	16.69 0.68 -0.13	15.99 0.66 0.00	15.95 0.64 0.00	17.33 0.71 0.00	20.84 0.75 -0.86	22.89 0.83 -2.40	22.43 0.89 -0.84	21.63 0.87 0.00	21.88 0.90 0.00	21.67 0.91 0.00	21.87 0.96 -0.10	22.25 0.92 -0.82	23.22 0.98 0.00	25.05 1.00 -1.39	28.73 1.02 -4.51	34.30 1.15 -5.83	33.14 1.15 -3.97	31.42 1.07 -3.64	28.27 1.04 0.00	24.22 0.89 0.00	22.43 0.78 0.00	20.49 0.71 0.00
RIVERBAY____ 323610	20.17 1.55 0.00	18.09 1.42 -0.01	17.38 1.38 -0.11	16.66 1.32 -0.01	16.61 1.30 -0.01	17.98 1.36 0.00	21.49 1.56 -0.70	22.49 1.61 -1.21	22.77 1.66 -0.41	22.58 1.81 -0.02	22.75 1.76 -0.02	22.66 1.89 -0.02	22.74 1.87 -0.06	22.83 1.87 -0.46	24.26 2.02 0.00	25.43 2.11 -0.66	27.51 2.18 -2.13	32.66 2.57 -2.78	32.43 2.52 -1.89	30.77 2.32 -1.73	29.51 2.26 -0.01	25.34 2.01 0.00	23.42 1.75 -0.01	21.52 1.74 -0.01
RIVERSDE_115KV_TB3 55908	19.20 0.58 0.00	17.31 0.65 0.00	16.68 0.67 -0.13	15.97 0.64 0.00	15.92 0.61 0.00	17.30 0.68 0.00	20.78 0.69 -0.86	22.82 0.75 -2.41	22.36 0.81 -0.85	21.54 0.79 0.00	21.79 0.82 0.00	21.61 0.85 0.00	21.79 0.87 -0.10	22.17 0.84 -0.82	23.11 0.87 0.00	24.97 0.91 -1.40	28.66 0.93 -4.53	34.22 1.04 -5.86	33.04 1.04 -3.99	31.33 0.96 -3.66	28.16 0.93 0.00	24.15 0.82 0.00	22.35 0.69 0.00	20.39 0.61 0.00
ROARING____BROOK_WT_PWR 323790	18.35 -0.28 0.00	16.41 -0.25 0.00	15.64 -0.24 0.00	15.08 -0.25 0.00	15.05 -0.26 0.00	16.34 -0.28 0.00	18.90 -0.33 0.00	19.37 -0.29 0.00	20.41 -0.29 0.00	20.45 -0.31 0.00	20.66 -0.31 0.00	20.38 -0.37 0.00	20.41 -0.40 0.00	20.10 -0.41 0.00	21.77 -0.47 0.00	22.21 -0.45 0.00	22.74 -0.46 0.00	26.83 -0.49 0.00	27.60 -0.42 0.00	26.36 -0.35 0.00	26.97 -0.27 0.00	23.10 -0.23 0.00	21.44 -0.22 0.00	19.56 -0.22 0.00
ROCHESRG_115KV_T4 355643	18.27 -0.35 0.00	16.33 -0.33 0.00	15.54 -0.35 -0.01	15.04 -0.29 0.00	15.03 -0.28 0.00	16.22 -0.40 0.00	18.99 -0.33 -0.09	19.40 -0.41 -0.15	20.25 -0.50 -0.05	20.34 -0.42 0.00	20.54 -0.44 0.00	20.32 -0.44 0.00	20.21 -0.60 -0.01	19.99 -0.57 -0.06	21.62 -0.62 0.00	22.13 -0.61 -0.08	22.88 -0.58 -0.26	27.06 -0.60 -0.34	27.48 -0.76 -0.22	26.22 -0.69 -0.20	26.58 -0.65 0.00	22.80 -0.54 0.00	21.46 -0.19 0.00	19.38 -0.40 0.00
ROCHESTER_9_IC 23652	18.40 -0.22 0.00	16.45 -0.22 0.00	15.65 -0.24 -0.01	15.13 -0.20 0.00	15.12 -0.18 0.00	16.34 -0.28 0.00	19.11 -0.21 -0.09	19.56 -0.26 -0.15	20.42 -0.33 -0.05	20.51 -0.25 0.00	20.70 -0.27 0.00	20.49 -0.27 0.00	20.38 -0.44 -0.01	20.16 -0.41 -0.06	21.80 -0.44 0.00	22.34 -0.41 -0.08	23.07 -0.39 -0.27	27.31 -0.36 -0.35	27.71 -0.53 -0.23	26.46 -0.45 -0.21	26.83 -0.41 0.00	23.01 -0.33 0.00	21.65 0.00 0.00	19.52 -0.26 0.00
ROCKVIEW_13_KV_LD 356306	19.67 1.04 0.00	17.61 0.95 0.00	16.91 0.92 -0.11	16.20 0.87 0.00	16.16 0.86 0.00	17.55 0.93 0.00	21.09 1.15 -0.70	22.24 1.38 -1.20	22.59 1.49 -0.40	22.29 1.54 0.00	22.59 1.62 0.00	22.37 1.62 0.00	22.56 1.71 -0.05	22.65 1.68 -0.46	24.06 1.82 0.00	25.22 1.90 -0.66	27.30 1.97 -2.13	32.37 2.29 -2.76	32.16 2.27 -1.87	30.51 2.08 -1.72	29.20 1.96 0.00	24.94 1.61 0.00	22.97 1.32 0.00	20.96 1.19 0.00
ROME____115KV_TB2 80656	19.20 0.58 0.00	17.13 0.47 0.00	16.30 0.41 -0.01	15.73 0.40 0.00	15.73 0.43 0.00	17.12 0.50 0.00	19.98 0.71 -0.04	20.40 0.73 -0.01	21.39 0.68 0.00	21.42 0.66 0.00	21.48 0.50 0.00	21.30 0.54 0.00	21.25 0.44 0.00	20.93 0.41 -0.01	22.77 0.53 0.00	23.23 0.57 0.00	23.78 0.58 0.00	28.14 0.82 0.00	28.88 0.87 0.00	27.70 0.99 0.00	28.30 1.06 0.00	24.22 0.89 0.00	22.43 0.78 0.00	20.51 0.73 0.00
ROSETON____1 23587	19.47 0.84 0.00	17.43 0.77 0.00	16.73 0.75 -0.11	16.03 0.71 0.00	15.99 0.69 0.00	17.38 0.76 0.00	20.85 0.92 -0.70	21.94 1.08 -1.20	22.28 1.18 -0.40	22.00 1.25 0.00	22.26 1.28 0.00	22.04 1.29 0.00	22.19 1.33 -0.05	22.29 1.33 -0.45	23.69 1.44 0.00	24.81 1.50 -0.65	26.90 1.58 -2.12	31.86 1.80 -2.74	31.67 1.79 -1.86	30.05 1.63 -1.71	28.74 1.50 0.00	24.62 1.28 0.00	22.69 1.04 0.00	20.70 0.93 0.00
ROSETON____2 23588	19.47 0.84 0.00	17.43 0.77 0.00	16.73 0.75 -0.11	16.03 0.71 0.00	15.99 0.69 0.00	17.38 0.76 0.00	20.85 0.92 -0.70	21.94 1.08 -1.20	22.28 1.18 -0.40	22.00 1.25 0.00	22.26 1.28 0.00	22.04 1.29 0.00	22.19 1.33 -0.05	22.29 1.33 -0.45	23.69 1.44 0.00	24.81 1.50 -0.65	26.90 1.58 -2.12	31.86 1.80 -2.74	31.67 1.79 -1.86	30.05 1.63 -1.71	28.74 1.50 0.00	24.62 1.28 0.00	22.69 1.04 0.00	20.70 0.93 0.00
ROTTDAM_115KV_TB3 80664	19.43 0.80 0.00	17.38 0.72 0.00	16.73 0.71 -0.14	16.02 0.69 0.00	15.98 0.67 0.00	17.37 0.75 0.00	21.03 0.90 -0.90	24.02 0.96 -3.39	22.94 1.01 -1.22	21.77 1.02 0.00	22.00 1.03 0.00	21.77 1.02 0.00	21.98 1.02 -0.15	22.64 1.03 -1.11	23.33 1.09 0.00	25.81 1.13 -2.01	30.91 1.18 -6.53	37.15 1.39 -8.44	35.17 1.40 -5.75	33.31 1.34 -5.27	28.55 1.31 0.00	24.48 1.14 0.00	22.63 0.97 0.00	20.64 0.87 0.00
RUSSELL____1 23602	18.48 -0.15 0.00	16.50 -0.17 0.00	15.70 -0.19 -0.01	15.18 -0.15 0.00	15.18 -0.12 0.00	16.40 -0.22 0.00	19.19 -0.13 -0.09	19.64 -0.18 -0.15	20.52 -0.23 -0.05	20.59 -0.17 0.00	20.81 -0.17 0.00	20.59 -0.17 0.00	20.48 -0.33 -0.01	20.24 -0.33 -0.06	21.91 -0.33 0.00	22.47 -0.27 -0.08	23.21 -0.26 -0.27	27.45 -0.22 -0.35	27.88 -0.36 -0.23	26.62 -0.29 -0.21	26.99 -0.25 0.00	23.12 -0.21 0.00	21.76 0.11 0.00	19.60 -0.18 0.00
RUSSELL____2 23532	18.48 -0.15 0.00	16.50 -0.17 0.00	15.70 -0.19 -0.01	15.18 -0.15 0.00	15.18 -0.12 0.00	16.40 -0.22 0.00	19.19 -0.13 -0.09	19.64 -0.18 -0.15	20.52 -0.23 -0.05	20.59 -0.17 0.00	20.81 -0.17 0.00	20.59 -0.17 0.00	20.48 -0.33 -0.01	20.24 -0.33 -0.06	21.91 -0.33 0.00	22.47 -0.27 -0.08	23.21 -0.26 -0.27	27.45 -0.22 -0.35	27.88 -0.36 -0.23	26.62 -0.29 -0.21	26.99 -0.25 0.00	23.12 -0.21 0.00	21.76 0.11 0.00	19.60 -0.18 0.00
RUSSELL____3 23549	18.48 -0.15 0.00	16.50 -0.17 0.00	15.70 -0.19 -0.01	15.18 -0.15 0.00	15.18 -0.12 0.00	16.40 -0.22 0.00	19.19 -0.13 -0.09	19.64 -0.18 -0.15	20.52 -0.23 -0.05	20.59 -0.17 0.00	20.81 -0.17 0.00	20.59 -0.17 0.00	20.48 -0.33 -0.01	20.24 -0.33 -0.06	21.91 -0.33 0.00	22.47 -0.27 -0.08	23.21 -0.26 -0.27	27.45 -0.22 -0.35	27.88 -0.36 -0.23	26.62 -0.29 -0.21	26.99 -0.25 0.00	23.12 -0.21 0.00	21.76 0.11 0.00	19.60 -0.18 0.00
RUSSELL____4 23556	18.48 -0.15 0.00	16.50 -0.17 0.00	15.70 -0.19 -0.01	15.18 -0.15 0.00	15.18 -0.12 0.00	16.40 -0.22 0.00	19.19 -0.13 -0.09	19.64 -0.18 -0.15	20.52 -0.23 -0.05	20.59 -0.17 0.00	20.81 -0.17 0.00	20.59 -0.17 0.00	20.48 -0.33 -0.01	20.24 -0.33 -0.06	21.91 -0.33 0.00	22.47 -0.27 -0.08	23.21 -0.26 -0.27	27.45 -0.22 -0.35	27.88 -0.36 -0.23	26.62 -0.29 -0.21	26.99 -0.25 0.00	23.12 -0.21 0.00	21.76 0.11 0.00	19.60 -0.18 0.00

RUSSELL___STATION 23914	18.48 -0.15 0.00	16.50 -0.17 0.00	15.70 -0.19 -0.01	15.18 -0.15 0.00	15.18 -0.12 0.00	16.40 -0.22 0.00	19.19 -0.13 -0.09	19.64 -0.18 -0.15	20.52 -0.23 -0.05	20.59 -0.17 0.00	20.81 -0.17 0.00	20.59 -0.17 0.00	20.48 -0.33 -0.01	20.24 -0.33 -0.06	21.91 -0.33 0.00	22.47 -0.27 -0.08	23.21 -0.26 -0.27	27.45 -0.22 -0.35	27.88 -0.36 -0.23	26.62 -0.29 -0.21	26.99 -0.25 0.00	23.12 -0.21 0.00	21.76 0.11 0.00	19.60 -0.18 0.00
S SALMON___HYD 24043	18.59 -0.04 0.00	16.61 -0.05 0.00	15.81 -0.08 -0.01	15.27 -0.06 0.00	15.26 -0.05 0.00	16.57 -0.05 0.00	19.65 0.36 -0.06	20.01 0.33 -0.01	20.99 0.29 0.00	21.01 0.25 0.00	21.17 0.19 0.00	20.55 -0.21 0.00	20.58 -0.23 0.00	20.27 -0.25 -0.01	22.46 0.22 0.00	22.87 0.20 0.00	23.39 0.18 0.00	27.62 0.30 0.00	27.76 -0.25 0.00	26.58 -0.13 0.00	27.18 -0.05 0.00	23.33 0.00 0.00	21.70 0.04 0.00	19.83 0.06 0.00
S.PERRY___115KV_TB1 80734	18.91 0.28 0.00	16.88 0.22 0.00	16.06 0.16 -0.02	15.53 0.20 0.00	15.52 0.21 0.00	16.80 0.18 0.00	19.53 0.17 -0.13	19.88 0.00 -0.22	20.57 -0.21 -0.07	20.61 -0.15 0.00	20.73 -0.25 0.00	20.65 -0.10 0.00	20.46 -0.35 -0.01	20.22 -0.37 -0.08	21.86 -0.38 0.00	22.42 -0.36 -0.12	23.39 -0.21 -0.39	27.83 0.00 -0.51	28.35 0.00 -0.33	27.23 0.21 -0.30	27.59 0.35 0.00	23.64 0.30 0.00	22.30 0.65 0.00	20.09 0.32 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	18.03 -0.60 0.00	16.10 -0.57 0.00	15.31 -0.59 -0.02	14.87 -0.46 0.00	14.85 -0.46 0.00	15.95 -0.66 0.00	18.52 -0.83 -0.12	19.02 -0.85 -0.20	19.78 -0.99 -0.07	19.93 -0.83 0.00	20.10 -0.88 0.00	19.90 -0.85 0.00	19.69 -1.12 -0.01	19.48 -1.11 -0.08	21.04 -1.20 0.00	21.55 -1.22 -0.11	22.47 -1.09 -0.36	26.60 -1.17 -0.46	26.86 -1.46 -0.30	25.65 -1.34 -0.28	25.85 -1.39 0.00	22.26 -1.07 0.00	21.16 -0.50 0.00	19.10 -0.67 0.00
SAWYER___23_KV_LOAD 55526	18.03 -0.60 0.00	16.10 -0.57 0.00	15.31 -0.59 -0.02	14.87 -0.46 0.00	14.85 -0.46 0.00	15.95 -0.66 0.00	18.52 -0.83 -0.12	19.02 -0.85 -0.20	19.78 -0.99 -0.07	19.93 -0.83 0.00	20.10 -0.88 0.00	19.90 -0.85 0.00	19.69 -1.12 -0.01	19.48 -1.11 -0.08	21.04 -1.20 0.00	21.55 -1.22 -0.11	22.47 -1.09 -0.36	26.60 -1.17 -0.46	26.86 -1.46 -0.30	25.65 -1.34 -0.28	25.85 -1.39 0.00	22.26 -1.07 0.00	21.16 -0.50 0.00	19.10 -0.67 0.00
SELKIRK___I 23801	19.30 0.67 0.00	17.36 0.70 0.00	16.71 0.70 -0.13	16.00 0.67 0.00	15.96 0.66 0.00	17.33 0.71 0.00	20.84 0.77 -0.84	22.47 0.83 -1.98	22.27 0.89 -0.68	21.65 0.89 0.00	21.86 0.88 0.00	21.63 0.87 0.00	21.75 0.85 -0.08	22.07 0.86 -0.70	23.15 0.91 0.00	24.72 0.93 -1.13	27.81 0.95 -3.66	33.14 1.09 -4.73	32.36 1.12 -3.22	30.70 1.04 -2.95	28.27 1.03 0.00	24.24 0.91 0.00	22.46 0.80 0.00	20.47 0.69 0.00
SELKIRK___II 23799	19.19 0.56 0.00	17.25 0.58 0.00	16.61 0.60 -0.13	15.91 0.58 0.00	15.87 0.57 0.00	17.23 0.62 0.00	20.72 0.63 -0.85	22.43 0.71 -2.06	22.18 0.77 -0.71	21.54 0.79 0.00	21.75 0.78 0.00	21.54 0.79 0.00	21.69 0.79 -0.09	22.01 0.78 -0.72	23.06 0.82 0.00	24.70 0.86 -1.17	27.89 0.88 -3.81	33.22 0.98 -4.92	32.38 1.01 -3.35	30.72 0.93 -3.07	28.14 0.90 0.00	24.13 0.79 0.00	22.33 0.67 0.00	20.37 0.59 0.00
SENECA OSWGO___HYD 24041	18.46 -0.17 0.00	16.50 -0.17 0.00	15.71 -0.17 -0.01	15.16 -0.17 0.00	15.15 -0.15 0.00	16.44 -0.18 0.00	19.64 0.35 -0.07	20.08 0.31 -0.10	21.03 0.29 -0.03	21.07 0.31 0.00	21.25 0.27 0.00	20.40 -0.35 0.00	20.46 -0.35 0.00	20.15 -0.37 -0.01	22.55 0.31 0.00	23.01 0.29 -0.06	23.71 0.32 -0.18	27.99 0.44 -0.23	27.57 -0.45 0.00	26.31 -0.40 0.00	26.86 -0.38 0.00	22.98 -0.35 0.00	21.42 -0.24 0.00	19.61 -0.16 0.00
SENECA___115KV_TB3 355854	18.22 -0.41 0.00	16.28 -0.38 0.00	15.47 -0.43 -0.02	15.01 -0.32 0.00	15.00 -0.31 0.00	16.12 -0.50 0.00	18.60 -0.75 -0.12	19.25 -0.63 -0.21	20.01 -0.77 -0.07	20.15 -0.60 0.00	20.33 -0.65 0.00	20.13 -0.62 0.00	19.92 -0.89 -0.01	19.67 -0.92 -0.08	21.28 -0.96 0.00	21.83 -0.95 -0.12	22.79 -0.79 -0.38	26.96 -0.85 -0.48	27.21 -1.12 -0.32	25.96 -1.04 -0.29	26.15 -1.09 0.00	22.52 -0.82 0.00	21.35 -0.30 0.00	19.30 -0.47 0.00
SENECA___ENERGY 23797	18.50 -0.13 0.00	16.53 -0.13 0.00	15.72 -0.17 -0.01	15.19 -0.14 0.00	15.18 -0.12 0.00	16.47 -0.15 0.00	19.46 0.14 -0.10	19.97 0.14 -0.17	20.86 0.10 -0.05	20.88 0.13 0.00	21.10 0.13 0.00	20.71 -0.04 0.00	20.69 -0.12 -0.01	20.43 -0.14 -0.06	22.33 0.09 0.00	22.87 0.11 -0.09	23.66 0.16 -0.29	27.97 0.27 -0.38	28.03 -0.23 -0.24	26.77 -0.16 -0.22	27.10 -0.14 0.00	23.19 -0.14 0.00	21.65 0.00 0.00	19.71 -0.06 0.00
SHOEMAKER___GT 23640	19.34 0.71 0.00	17.31 0.65 0.00	16.60 0.62 -0.10	15.91 0.58 0.00	15.87 0.57 0.00	17.23 0.62 0.00	20.64 0.77 -0.64	21.70 0.94 -1.10	22.06 0.99 -0.36	21.79 1.04 0.00	22.07 1.09 0.00	21.81 1.06 0.00	21.96 1.10 -0.04	22.05 1.13 -0.42	23.46 1.22 0.00	24.55 1.29 -0.60	26.49 1.35 -1.95	31.39 1.56 -2.52	31.29 1.57 -1.71	29.69 1.41 -1.57	28.55 1.31 0.00	24.48 1.14 0.00	22.58 0.93 0.00	20.58 0.81 0.00
SHOEMAKR_138KV_BK 111 55601	19.34 0.71 0.00	17.31 0.65 0.00	16.60 0.62 -0.10	15.91 0.58 0.00	15.87 0.57 0.00	17.25 0.63 0.00	20.64 0.77 -0.64	21.70 0.94 -1.09	22.06 0.99 -0.36	21.77 1.02 0.00	22.07 1.09 0.00	21.84 1.08 0.00	22.00 1.14 -0.04	22.05 1.13 -0.41	23.46 1.22 0.00	24.55 1.29 -0.60	26.50 1.37 -1.93	31.37 1.56 -2.50	31.28 1.57 -1.70	29.68 1.42 -1.56	28.52 1.28 0.00	24.48 1.14 0.00	22.56 0.91 0.00	20.56 0.79 0.00
SHOREHAM_IC_1 23715	29.39 1.16 -9.60	24.25 1.15 -6.43	21.99 1.19 -4.92	21.40 1.12 -4.95	21.73 1.07 -5.35	25.30 1.15 -7.53	28.60 1.48 -7.89	23.51 1.65 -2.19	23.84 1.66 -1.49	23.11 1.79 -0.57	25.67 1.68 -3.01	27.07 1.66 -4.66	27.68 1.73 -5.14	27.92 1.76 -5.65	32.26 1.89 -8.13	35.93 2.06 -11.20	40.24 2.18 -14.86	49.78 2.54 -19.92	51.97 2.55 -21.40	39.12 2.32 -10.09	37.50 2.21 -8.06	37.05 1.82 -11.90	27.66 1.54 -4.47	25.67 1.23 -4.67
SHOREHAM_IC_2 23716	29.39 1.16 -9.60	24.25 1.15 -6.43	21.99 1.19 -4.92	21.40 1.12 -4.95	21.73 1.07 -5.35	25.30 1.15 -7.53	28.60 1.48 -7.89	23.51 1.65 -2.19	23.84 1.66 -1.49	23.11 1.79 -0.57	25.67 1.68 -3.01	27.07 1.66 -4.66	27.68 1.73 -5.14	27.92 1.76 -5.65	32.26 1.89 -8.13	35.93 2.06 -11.20	40.24 2.18 -14.86	49.78 2.54 -19.92	51.97 2.55 -21.40	39.12 2.32 -10.09	37.50 2.21 -8.06	37.05 1.82 -11.90	27.66 1.54 -4.47	25.67 1.23 -4.67
SISSONVILLE___ 23735	18.68 0.06 0.00	16.66 0.00 0.00	15.86 -0.02 0.00	15.30 -0.03 0.00	15.31 0.00 0.00	16.65 0.03 0.00	19.27 0.04 0.00	19.74 0.08 0.00	20.81 0.10 0.00	20.74 -0.02 0.00	20.93 -0.04 0.00	20.67 -0.08 0.00	20.73 -0.08 0.00	20.36 -0.14 0.00	22.13 -0.11 0.00	22.50 -0.16 0.00	22.71 -0.49 0.00	26.83 -0.49 0.00	27.57 -0.45 0.00	26.34 -0.37 0.00	27.29 0.05 0.00	23.45 0.12 0.00	21.76 0.11 0.00	19.79 0.02 0.00

SITHE_IND_GS1 24169	18.24 -0.39 0.00	16.30 -0.37 0.00	15.52 -0.36 -0.01	14.99 -0.34 0.00	14.97 -0.34 0.00	16.24 -0.38 0.00	18.85 -0.42 -0.04	19.10 -0.57 -0.01	20.10 -0.60 0.00	20.15 -0.60 0.00	20.37 -0.61 0.00	20.15 -0.60 0.00	20.19 -0.62 0.00	19.90 -0.61 -0.01	21.57 -0.67 0.00	21.94 -0.73 0.00	22.46 -0.74 0.00	26.47 -0.85 0.00	27.15 -0.87 0.00	25.91 -0.80 0.00	26.45 -0.79 0.00	22.63 -0.70 0.00	21.09 -0.56 0.00	19.38 -0.40 0.00
SITHE_IND_GS2 24170	18.24 -0.39 0.00	16.30 -0.37 0.00	15.52 -0.36 -0.01	14.99 -0.34 0.00	14.97 -0.34 0.00	16.24 -0.38 0.00	18.85 -0.42 -0.04	19.10 -0.57 -0.01	20.10 -0.60 0.00	20.15 -0.60 0.00	20.37 -0.61 0.00	20.15 -0.60 0.00	20.19 -0.62 0.00	19.90 -0.61 -0.01	21.57 -0.67 0.00	21.94 -0.73 0.00	22.46 -0.74 0.00	26.47 -0.85 0.00	27.15 -0.87 0.00	25.91 -0.80 0.00	26.45 -0.79 0.00	22.63 -0.70 0.00	21.09 -0.56 0.00	19.38 -0.40 0.00
SITHE_IND_GS3 24171	18.24 -0.39 0.00	16.30 -0.37 0.00	15.52 -0.36 -0.01	14.99 -0.34 0.00	14.97 -0.34 0.00	16.24 -0.38 0.00	18.85 -0.42 -0.04	19.10 -0.57 -0.01	20.10 -0.60 0.00	20.15 -0.60 0.00	20.37 -0.61 0.00	20.15 -0.60 0.00	20.19 -0.62 0.00	19.90 -0.61 -0.01	21.57 -0.67 0.00	21.94 -0.73 0.00	22.46 -0.74 0.00	26.47 -0.85 0.00	27.15 -0.87 0.00	25.91 -0.80 0.00	26.45 -0.79 0.00	22.63 -0.70 0.00	21.09 -0.56 0.00	19.38 -0.40 0.00
SITHE_IND_GS4 24172	18.24 -0.39 0.00	16.30 -0.37 0.00	15.52 -0.36 -0.01	14.99 -0.34 0.00	14.97 -0.34 0.00	16.24 -0.38 0.00	18.85 -0.42 -0.04	19.10 -0.57 -0.01	20.10 -0.60 0.00	20.15 -0.60 0.00	20.37 -0.61 0.00	20.15 -0.60 0.00	20.19 -0.62 0.00	19.90 -0.61 -0.01	21.57 -0.67 0.00	21.94 -0.73 0.00	22.46 -0.74 0.00	26.47 -0.85 0.00	27.15 -0.87 0.00	25.91 -0.80 0.00	26.45 -0.79 0.00	22.63 -0.70 0.00	21.09 -0.56 0.00	19.38 -0.40 0.00
SITHE___BATAVIA 24024	18.91 0.28 0.00	16.86 0.20 0.00	16.05 0.16 -0.01	15.48 0.15 0.00	15.50 0.20 0.00	16.78 0.17 0.00	19.61 0.29 -0.09	20.13 0.31 -0.15	20.96 0.21 -0.05	20.96 0.21 0.00	21.23 0.25 0.00	21.09 0.33 0.00	20.98 0.17 0.06	20.63 0.06 -0.06	22.31 0.07 0.00	22.93 0.18 -0.08	22.82 -0.65 -0.27	27.01 -0.66 -0.35	27.43 -0.81 -0.23	26.20 -0.72 -0.21	26.58 -0.65 0.00	22.82 -0.51 0.00	21.61 -0.04 0.00	19.46 -0.32 0.00
SITHE___INDEPEND 23800	18.24 -0.39 0.00	16.30 -0.37 0.00	15.52 -0.37 -0.01	14.99 -0.34 0.00	14.97 -0.34 0.00	16.24 -0.38 0.00	18.85 -0.42 -0.04	19.10 -0.57 -0.01	20.08 -0.62 0.00	20.17 -0.58 0.00	20.37 -0.61 0.00	20.15 -0.60 0.00	20.18 -0.62 0.00	19.90 -0.61 -0.01	21.57 -0.67 0.00	21.94 -0.73 0.00	22.46 -0.74 0.00	26.47 -0.85 0.00	27.15 -0.87 0.00	25.91 -0.80 0.00	26.45 -0.79 0.00	22.63 -0.70 0.00	21.09 -0.56 0.00	19.38 -0.40 0.00
SITHE___MASSENA 23902	18.57 -0.06 0.00	16.60 -0.07 0.00	15.80 -0.08 0.00	15.25 -0.08 0.00	15.24 -0.06 0.00	16.55 -0.07 0.00	19.12 -0.11 0.00	19.57 -0.10 0.00	20.62 -0.08 0.00	20.61 -0.14 0.00	20.83 -0.15 0.00	20.59 -0.17 0.00	20.66 -0.14 0.00	20.30 -0.21 0.00	22.02 -0.22 0.00	22.48 -0.18 0.00	22.90 -0.30 0.00	26.99 -0.33 0.00	27.74 -0.28 0.00	26.44 -0.27 0.00	27.10 -0.14 0.00	23.19 -0.14 0.00	21.55 -0.11 0.00	19.64 -0.14 0.00
SITHE___OGDNSBRG 24021	18.78 0.15 0.00	16.75 0.08 0.00	15.94 0.06 0.00	15.39 0.06 0.00	15.38 0.08 0.00	16.74 0.12 0.00	19.36 0.13 0.00	19.84 0.18 0.00	20.91 0.21 0.00	20.84 0.08 0.00	21.06 0.08 0.00	20.78 0.02 0.00	20.85 0.04 0.00	20.47 -0.04 0.00	22.24 0.00 0.00	22.69 0.02 0.00	23.02 -0.19 0.00	27.15 -0.16 0.00	27.93 -0.08 0.00	26.71 0.00 0.00	27.54 0.30 0.00	23.59 0.26 0.00	21.89 0.24 0.00	19.87 0.10 0.00
SITHE___STERLING 23777	19.06 0.43 0.00	17.01 0.35 0.00	16.20 0.32 -0.01	15.64 0.31 0.00	15.63 0.32 0.00	17.00 0.38 0.00	19.81 0.54 -0.05	20.21 0.53 -0.01	21.22 0.52 0.00	21.19 0.44 0.00	21.37 0.40 0.00	21.19 0.44 0.00	21.23 0.42 0.00	20.85 0.33 -0.01	22.66 0.42 0.00	23.12 0.45 0.00	23.69 0.49 0.00	27.95 0.63 0.00	28.66 0.64 0.00	27.43 0.72 0.00	28.00 0.76 0.00	23.99 0.65 0.00	22.24 0.58 0.00	20.33 0.55 0.00
SLEIGHT___34_KV_TB1 80719	18.91 0.28 0.00	16.88 0.22 0.00	16.05 0.16 -0.01	15.50 0.17 0.00	15.50 0.20 0.00	16.83 0.22 0.00	19.92 0.60 -0.09	20.45 0.63 -0.15	21.37 0.62 -0.05	21.50 0.75 0.00	21.56 0.59 0.00	21.21 0.46 0.00	21.15 0.33 -0.01	20.90 0.33 -0.06	22.86 0.62 0.00	23.40 0.66 -0.08	24.15 0.67 -0.27	28.55 0.87 -0.35	28.63 0.39 -0.22	27.37 0.45 -0.20	27.76 0.52 0.00	23.71 0.37 0.00	22.13 0.48 0.00	20.13 0.36 0.00
SOUTH CAIRO___GT 23612	19.54 0.91 0.00	17.58 0.92 0.00	16.89 0.89 -0.12	16.19 0.86 0.00	16.13 0.83 0.00	17.55 0.93 0.00	21.04 1.00 -0.81	22.67 1.12 -1.88	22.51 1.16 -0.65	21.92 1.16 0.00	22.09 1.11 0.00	21.73 0.98 0.00	21.72 0.83 -0.08	22.16 0.98 -0.67	23.40 1.16 0.00	24.85 1.11 -1.07	27.84 1.16 -3.48	33.23 1.42 -4.49	32.67 1.60 -3.06	30.98 1.47 -2.80	28.82 1.58 0.00	24.83 1.49 0.00	22.89 1.23 0.00	20.72 0.95 0.00
SOUTH HAMPTN___IC 23720	29.70 1.47 -9.60	24.51 1.42 -6.43	22.22 1.43 -4.92	21.64 1.36 -4.95	21.98 1.32 -5.35	25.56 1.41 -7.53	28.89 1.77 -7.89	23.90 2.04 -2.19	24.30 2.11 -1.49	23.57 2.24 -0.57	26.13 2.14 -3.01	27.49 2.08 -4.66	28.07 2.12 -5.14	28.39 2.24 -5.65	32.79 2.42 -8.13	36.45 2.58 -11.20	40.80 2.74 -14.86	50.44 3.19 -19.92	52.64 3.22 -21.40	39.76 2.96 -10.09	38.13 2.83 -8.06	37.59 2.36 -11.90	28.16 2.03 -4.47	26.03 1.58 -4.67
SOUTHDOW_115KV_TB1 355954	18.76 0.13 0.00	16.76 0.10 0.00	15.93 0.03 -0.02	15.45 0.12 0.00	15.44 0.14 0.00	16.69 0.07 0.00	19.13 -0.23 -0.13	20.04 0.14 -0.24	20.86 0.08 -0.08	21.05 0.29 0.00	21.27 0.29 0.00	20.94 0.19 0.00	20.74 -0.08 -0.01	20.39 -0.21 -0.09	22.13 -0.11 0.00	22.66 -0.14 -0.13	23.71 0.09 -0.42	28.10 0.25 -0.54	28.26 -0.11 -0.35	26.95 -0.08 -0.32	27.05 -0.19 0.00	23.33 0.00 0.00	22.09 0.43 0.00	19.97 0.20 0.00
SOUTHOLD_69_KV_BK 2 55809	30.02 1.79 -9.60	24.78 1.68 -6.43	22.48 1.68 -4.92	21.89 1.61 -4.95	22.22 1.56 -5.35	25.83 1.68 -7.53	29.18 2.06 -7.89	24.32 2.46 -2.19	24.73 2.55 -1.48	23.72 2.39 -0.57	26.55 2.56 -3.01	27.86 2.45 -4.66	28.68 2.73 -5.14	28.82 2.67 -5.65	33.26 2.89 -8.13	36.93 3.06 -11.20	41.29 3.22 -14.86	51.07 3.82 -19.92	53.28 3.87 -21.40	40.35 3.55 -10.09	38.73 3.43 -8.06	38.10 2.87 -11.90	28.62 2.49 -4.47	26.36 1.92 -4.67
SOUTHOLD___IC 23719	30.02 1.79 -9.60	24.78 1.68 -6.43	22.48 1.68 -4.92	21.89 1.61 -4.95	22.22 1.56 -5.35	25.83 1.68 -7.53	29.18 2.06 -7.89	24.30 2.44 -2.19	24.73 2.55 -1.49	23.99 2.66 -0.57	26.55 2.56 -3.01	27.86 2.45 -4.66	28.45 2.50 -5.14	28.82 2.66 -5.65	33.26 2.89 -8.13	36.93 3.06 -11.20	41.31 3.25 -14.86	51.10 3.85 -19.92	53.28 3.87 -21.40	40.35 3.55 -10.09	38.70 3.40 -8.06	38.10 2.87 -11.90	28.62 2.49 -4.47	26.36 1.92 -4.67

SPIERFLS_115KV_TB 1 80737	20.02 1.40 0.00	17.90 1.23 0.00	17.22 1.21 -0.13	16.49 1.17 0.00	16.47 1.16 0.00	17.91 1.30 0.00	21.73 1.62 -0.89	24.62 1.71 -3.24	23.76 1.90 -1.15	22.62 1.87 0.00	22.82 1.85 0.00	22.37 1.62 0.00	22.49 1.54 -0.14	23.09 1.52 -1.06	23.89 1.65 0.00	26.33 1.75 -1.92	31.25 1.83 -6.22	37.73 2.38 -8.04	35.85 2.35 -5.48	34.03 2.30 -5.02	29.58 2.34 0.00	25.39 2.05 0.00	23.45 1.80 0.00	21.24 1.46 0.00
ST LAWRENCE____ 23600	18.37 -0.26 0.00	16.41 -0.25 0.00	15.64 -0.24 0.00	15.08 -0.25 0.00	15.08 -0.23 0.00	16.37 -0.25 0.00	18.90 -0.33 0.00	19.35 -0.32 0.00	20.39 -0.31 0.00	20.40 -0.35 0.00	20.62 -0.36 0.00	20.38 -0.37 0.00	20.46 -0.35 0.00	20.12 -0.39 0.00	21.82 -0.42 0.00	22.26 -0.41 0.00	22.74 -0.46 0.00	26.77 -0.55 0.00	27.51 -0.50 0.00	26.23 -0.48 0.00	26.83 -0.41 0.00	22.98 -0.35 0.00	21.33 -0.32 0.00	19.44 -0.34 0.00
STATE_CA_115KV_115_LB 55624	19.22 0.60 0.00	17.33 0.67 0.00	16.69 0.68 -0.13	15.99 0.66 0.00	15.93 0.63 0.00	17.30 0.68 0.00	20.79 0.69 -0.87	22.96 0.75 -2.55	22.41 0.81 -0.90	21.57 0.81 0.00	21.79 0.82 0.00	21.61 0.85 0.00	21.77 0.85 -0.11	22.19 0.82 -0.86	23.11 0.87 0.00	25.03 0.88 -1.48	28.92 0.90 -4.82	34.58 1.04 -6.22	33.29 1.04 -4.24	31.55 0.96 -3.88	28.16 0.93 0.00	24.15 0.82 0.00	22.35 0.69 0.00	20.39 0.61 0.00
STATE_ST_34_KV_LOAD 55959	18.74 0.11 0.00	16.75 0.08 0.00	15.93 0.03 -0.01	15.39 0.06 0.00	15.38 0.08 0.00	16.69 0.07 0.00	19.81 0.48 -0.10	20.46 0.63 -0.17	21.40 0.64 -0.05	21.36 0.60 0.00	21.59 0.61 0.00	21.03 0.27 0.00	21.11 0.29 -0.01	20.88 0.31 -0.06	22.91 0.67 0.00	23.43 0.68 -0.09	24.21 0.72 -0.29	28.60 0.90 -0.38	28.53 0.28 -0.24	27.25 0.32 -0.22	27.59 0.35 0.00	23.59 0.26 0.00	22.00 0.35 0.00	19.97 0.20 0.00
STATION 5_MISC_HYD 23604	18.40 -0.22 0.00	16.45 -0.22 0.00	15.66 -0.24 -0.01	15.13 -0.20 0.00	15.12 -0.18 0.00	16.34 -0.28 0.00	19.11 -0.21 -0.09	19.62 -0.20 -0.15	20.44 -0.31 -0.05	20.47 -0.29 0.00	20.70 -0.27 0.00	20.49 -0.27 0.00	20.38 -0.44 -0.01	20.15 -0.41 -0.06	21.80 -0.44 0.00	22.34 -0.41 -0.08	23.07 -0.39 -0.27	27.28 -0.38 -0.34	27.71 -0.53 -0.22	26.46 -0.45 -0.21	26.83 -0.41 0.00	23.01 -0.33 0.00	21.65 0.00 0.00	19.52 -0.26 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	18.46 -0.17 0.00	16.50 -0.17 0.00	15.70 -0.19 -0.01	15.16 -0.17 0.00	15.17 -0.14 0.00	16.42 -0.20 0.00	19.26 -0.06 -0.09	19.74 -0.08 -0.15	20.63 -0.12 -0.05	20.74 -0.02 0.00	20.87 -0.10 0.00	20.63 -0.12 0.00	20.54 -0.27 -0.01	20.30 -0.27 -0.06	22.04 -0.20 0.00	22.59 -0.16 -0.08	23.36 -0.12 -0.27	27.61 -0.05 -0.35	27.93 -0.31 -0.23	26.68 -0.24 -0.21	27.05 -0.19 0.00	23.12 -0.21 0.00	21.68 0.02 0.00	19.64 -0.14 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	18.25 -0.37 0.00	16.31 -0.35 0.00	15.53 -0.37 -0.01	14.99 -0.34 0.00	15.00 -0.31 0.00	16.20 -0.42 0.00	18.97 -0.35 -0.09	19.40 -0.41 -0.15	20.28 -0.48 -0.05	20.36 -0.39 0.00	20.56 -0.42 0.00	20.36 -0.39 0.00	20.25 -0.56 -0.01	20.03 -0.53 -0.06	21.66 -0.58 0.00	22.22 -0.52 -0.08	22.96 -0.51 -0.27	27.14 -0.52 -0.34	27.54 -0.70 -0.22	26.30 -0.61 -0.20	26.67 -0.57 0.00	22.84 -0.49 0.00	21.48 -0.17 0.00	19.38 -0.40 0.00
STA_56____34_KV_BUS2 355983	18.25 -0.37 0.00	16.31 -0.35 0.00	15.53 -0.37 -0.01	14.99 -0.34 0.00	15.00 -0.31 0.00	16.20 -0.42 0.00	18.97 -0.35 -0.09	19.40 -0.41 -0.15	20.28 -0.48 -0.05	20.36 -0.39 0.00	20.56 -0.42 0.00	20.36 -0.39 0.00	20.25 -0.56 -0.01	20.03 -0.53 -0.06	21.66 -0.58 0.00	22.22 -0.52 -0.08	22.96 -0.51 -0.27	27.14 -0.52 -0.34	27.54 -0.70 -0.22	26.30 -0.61 -0.20	26.67 -0.57 0.00	22.84 -0.49 0.00	21.48 -0.17 0.00	19.38 -0.40 0.00
STA_67____115KV_BK2 355882	18.39 -0.24 0.00	16.41 -0.25 0.00	15.62 -0.27 -0.01	15.10 -0.23 0.00	15.11 -0.20 0.00	16.30 -0.32 0.00	19.09 -0.23 -0.09	19.52 -0.29 -0.15	20.38 -0.37 -0.05	20.47 -0.29 0.00	20.66 -0.31 0.00	20.44 -0.31 0.00	20.34 -0.48 -0.01	20.11 -0.45 -0.06	21.75 -0.49 0.00	22.29 -0.45 -0.08	23.03 -0.44 -0.27	27.25 -0.41 -0.35	27.65 -0.59 -0.23	26.41 -0.51 -0.21	26.78 -0.46 0.00	22.96 -0.37 0.00	21.59 -0.06 0.00	19.48 -0.30 0.00
STA_7____115KV_9TRANS 80674	18.48 -0.15 0.00	16.50 -0.17 0.00	15.70 -0.19 -0.01	15.18 -0.15 0.00	15.18 -0.12 0.00	16.40 -0.22 0.00	19.19 -0.13 -0.09	19.64 -0.18 -0.15	20.52 -0.23 -0.05	20.59 -0.17 0.00	20.81 -0.17 0.00	20.59 -0.17 0.00	20.48 -0.33 -0.01	20.24 -0.33 -0.06	21.91 -0.33 0.00	22.47 -0.27 -0.08	23.21 -0.26 -0.27	27.45 -0.22 -0.35	27.88 -0.36 -0.23	26.62 -0.29 -0.21	26.99 -0.25 0.00	23.12 -0.21 0.00	21.76 0.11 0.00	19.60 -0.18 0.00
STA_82____115KV_TB1 80780	18.37 -0.26 0.00	16.40 -0.27 0.00	15.61 -0.29 -0.01	15.08 -0.25 0.00	15.09 -0.21 0.00	16.30 -0.32 0.00	19.07 -0.25 -0.09	19.50 -0.31 -0.15	20.36 -0.39 -0.05	20.44 -0.31 0.00	20.64 -0.34 0.00	20.42 -0.33 0.00	20.32 -0.50 -0.01	20.09 -0.47 -0.06	21.73 -0.51 0.00	22.27 -0.48 -0.08	23.01 -0.46 -0.27	27.23 -0.44 -0.35	27.63 -0.62 -0.23	26.38 -0.53 -0.21	26.75 -0.49 0.00	22.94 -0.40 0.00	21.59 -0.06 0.00	19.48 -0.30 0.00
STEEL____WIND 323596	18.22 -0.41 0.00	16.26 -0.40 0.00	15.45 -0.44 -0.02	15.01 -0.32 0.00	14.98 -0.32 0.00	16.12 -0.50 0.00	18.60 -0.75 -0.12	19.09 -0.79 -0.21	20.01 -0.77 -0.07	20.05 -0.71 0.00	20.30 -0.67 0.00	20.13 -0.62 0.00	19.92 -0.89 -0.01	19.64 -0.94 -0.08	21.26 -0.98 0.00	21.81 -0.97 -0.12	22.74 -0.83 -0.38	26.91 -0.90 -0.49	27.19 -1.15 -0.32	25.93 -1.07 -0.29	26.12 -1.12 0.00	22.49 -0.84 0.00	21.33 -0.32 0.00	19.30 -0.47 0.00
STEPHTWN_115KV_BK_2 55603	19.35 0.73 0.00	17.43 0.77 0.00	16.79 0.78 -0.13	16.06 0.74 0.00	16.01 0.70 0.00	17.42 0.80 0.00	20.95 0.87 -0.86	22.87 0.92 -2.28	22.49 0.99 -0.79	21.75 1.00 0.00	21.98 1.01 0.00	21.79 1.04 0.00	21.90 1.00 -0.10	22.22 0.92 -0.79	23.24 1.00 0.00	24.98 1.00 -1.31	28.51 1.04 -4.26	34.03 1.20 -5.51	32.97 1.20 -3.75	31.30 1.15 -3.44	28.36 1.12 0.00	24.29 0.96 0.00	22.50 0.84 0.00	20.51 0.73 0.00
STEBEN_REC_LFGE 323667	18.81 0.19 0.00	16.78 0.12 0.00	15.97 0.06 -0.02	15.47 0.14 0.00	15.44 0.14 0.00	16.70 0.08 0.00	19.37 -0.02 -0.16	20.05 0.10 -0.29	20.80 0.00 -0.09	20.88 0.12 0.00	20.98 0.00 0.00	20.76 0.00 0.00	20.63 -0.19 -0.01	20.39 -0.23 -0.11	22.11 -0.13 0.00	22.64 -0.18 -0.16	23.71 0.00 -0.51	28.14 0.16 -0.66	28.45 0.00 -0.43	27.24 0.13 -0.39	27.40 0.16 0.00	23.47 0.14 0.00	22.07 0.41 0.00	19.97 0.20 0.00
STONY____BROOK 24151	29.64 1.42 -9.60	24.41 1.32 -6.43	22.10 1.30 -4.92	21.52 1.24 -4.95	21.87 1.21 -5.35	25.45 1.30 -7.53	28.71 1.60 -7.89	23.81 1.95 -2.19	24.24 2.05 -1.49	23.51 2.18 -0.57	26.09 2.10 -3.01	27.36 1.95 -4.66	27.97 2.02 -5.14	28.29 2.13 -5.65	32.66 2.29 -8.13	36.32 2.45 -11.20	40.64 2.58 -14.86	50.08 2.84 -19.92	52.28 2.86 -21.40	39.42 2.62 -10.09	37.86 2.56 -8.06	37.40 2.17 -11.90	28.03 1.91 -4.47	25.95 1.50 -4.67

STURGEON_POOL_HYD 23609	19.47 0.84 0.00	17.40 0.73 0.00	16.67 0.68 -0.11	15.97 0.64 0.00	15.92 0.61 0.00	17.30 0.68 0.00	20.76 0.81 -0.72	21.91 0.90 -1.35	22.13 0.97 -0.45	21.92 1.16 0.00	22.11 1.13 0.00	21.98 1.22 0.00	21.99 1.12 -0.05	22.16 1.15 -0.50	23.55 1.31 0.00	24.75 1.34 -0.75	27.04 1.42 -2.42	32.03 1.58 -3.13	31.77 1.62 -2.13	30.10 1.44 -1.95	28.63 1.39 0.00	24.57 1.24 0.00	22.59 0.93 0.00	20.72 0.95 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	19.43 0.80 0.00	17.38 0.72 0.00	16.68 0.70 -0.10	15.99 0.66 0.00	15.95 0.64 0.00	17.32 0.70 0.00	20.75 0.87 -0.65	21.81 1.02 -1.12	22.17 1.10 -0.37	21.92 1.16 0.00	22.19 1.22 0.00	22.00 1.25 0.00	22.14 1.29 -0.04	22.20 1.27 -0.43	23.62 1.38 0.00	24.73 1.45 -0.61	26.72 1.53 -1.99	31.64 1.75 -2.57	31.50 1.74 -1.75	29.89 1.58 -1.60	28.66 1.42 0.00	24.57 1.24 0.00	22.63 0.97 0.00	20.66 0.89 0.00
SWANROAD_115KV_TB1 355699	17.71 -0.91 0.00	15.81 -0.85 0.00	14.98 -0.92 -0.02	14.62 -0.71 0.00	14.62 -0.69 0.00	15.67 -0.95 0.00	18.17 -1.17 -0.11	18.60 -1.26 -0.19	19.32 -1.45 -0.06	19.47 -1.29 0.00	19.61 -1.36 0.00	19.43 -1.33 0.00	19.19 -1.62 -0.01	19.00 -1.58 -0.07	20.51 -1.73 0.00	21.00 -1.77 -0.11	21.92 -1.62 -0.34	25.96 -1.80 -0.44	26.20 -2.10 -0.29	25.03 -1.95 -0.26	25.28 -1.96 0.00	21.77 -1.56 0.00	20.70 -0.95 0.00	18.71 -1.07 0.00
SYNERGY___BIOGAS 323694	18.91 0.28 0.00	16.86 0.20 0.00	16.05 0.16 -0.01	15.48 0.15 0.00	15.50 0.20 0.00	16.78 0.17 0.00	19.61 0.29 -0.09	20.13 0.31 -0.15	20.96 0.21 -0.05	20.96 0.21 0.00	21.23 0.25 0.00	21.09 0.33 0.00	20.98 0.17 -0.01	20.63 0.06 -0.06	22.31 0.07 0.00	22.93 0.18 -0.08	22.82 -0.65 -0.27	27.01 -0.66 -0.35	27.43 -0.81 -0.23	26.20 -0.72 -0.21	26.58 -0.65 0.00	22.82 -0.51 0.00	21.61 -0.04 0.00	19.46 -0.32 0.00
SYRACUSE___ENERGY_ST1 323597	18.65 0.02 0.00	16.66 0.00 0.00	15.86 -0.03 -0.01	15.31 -0.02 0.00	15.29 -0.02 0.00	16.59 -0.03 0.00	19.69 0.38 -0.08	20.17 0.37 -0.13	21.08 0.33 -0.04	21.17 0.42 0.00	21.29 0.31 0.00	20.80 0.04 0.00	20.79 -0.02 -0.01	20.56 0.00 -0.05	22.62 0.38 0.00	23.10 0.36 -0.07	23.82 0.39 -0.23	28.11 0.49 -0.30	28.03 -0.17 -0.18	26.74 -0.13 -0.16	27.16 -0.08 0.00	23.22 -0.12 0.00	21.63 -0.02 0.00	19.81 0.04 0.00
SYRACUSE___ENERGY_ST2 323598	18.65 0.02 0.00	16.66 0.00 0.00	15.86 -0.03 -0.01	15.31 -0.02 0.00	15.29 -0.02 0.00	16.59 -0.03 0.00	19.69 0.38 -0.08	20.17 0.37 -0.13	21.08 0.33 -0.04	21.17 0.42 0.00	21.29 0.31 0.00	20.80 0.04 0.00	20.79 -0.02 -0.01	20.56 0.00 -0.05	22.62 0.38 0.00	23.10 0.36 -0.07	23.82 0.39 -0.23	28.11 0.49 -0.30	28.03 -0.17 -0.18	26.74 -0.13 -0.16	27.16 -0.08 0.00	23.22 -0.12 0.00	21.63 -0.02 0.00	19.81 0.04 0.00
SYRACUSE___POWER 24017	18.59 -0.04 0.00	16.60 -0.07 0.00	15.81 -0.08 -0.01	15.27 -0.06 0.00	15.24 -0.06 0.00	16.54 -0.08 0.00	19.41 0.10 -0.08	19.86 0.06 -0.14	20.79 0.04 -0.04	20.86 0.10 0.00	21.02 0.04 0.00	20.74 -0.02 0.00	20.75 -0.06 -0.01	20.50 -0.06 -0.05	22.31 0.07 0.00	22.78 0.05 -0.07	23.51 0.07 -0.24	27.74 0.11 -0.31	28.04 -0.17 -0.19	26.75 -0.13 -0.17	27.13 -0.11 0.00	23.22 -0.12 0.00	21.61 -0.04 0.00	19.77 0.00 0.00
TALLMAN__138KV_BK151 55660	19.52 0.89 0.00	17.48 0.82 0.00	16.78 0.79 -0.10	16.08 0.75 0.00	16.02 0.72 0.00	17.42 0.80 0.00	20.88 0.98 -0.67	21.98 1.16 -1.15	22.35 1.26 -0.38	22.08 1.33 0.00	22.40 1.43 0.00	22.19 1.43 0.00	22.35 1.50 -0.05	22.44 1.50 -0.44	23.86 1.62 0.00	24.99 1.70 -0.63	27.01 1.76 -2.04	31.98 2.02 -2.64	31.80 1.99 -1.80	30.15 1.79 -1.64	28.87 1.63 0.00	24.71 1.38 0.00	22.76 1.10 0.00	20.78 1.01 0.00
TEALLAVE_115KV_TB7 355573	18.53 -0.09 0.00	16.56 -0.10 0.00	15.76 -0.13 -0.01	15.22 -0.11 0.00	15.21 -0.09 0.00	16.50 -0.12 0.00	19.30 0.00 -0.07	19.71 -0.06 -0.11	20.68 -0.06 -0.04	20.76 0.00 0.00	20.91 -0.06 0.00	20.65 -0.10 0.00	20.65 -0.17 0.00	20.41 -0.14 -0.04	22.20 -0.04 0.00	22.63 -0.09 -0.06	23.32 -0.07 -0.19	27.51 -0.05 -0.25	27.89 -0.28 -0.15	26.61 -0.24 -0.14	27.02 -0.22 0.00	23.12 -0.21 0.00	21.55 -0.11 0.00	19.71 -0.06 0.00
TELGRAPH_34_KV_EAST 80808	18.07 -0.56 0.00	16.13 -0.53 0.00	15.31 -0.59 -0.02	14.90 -0.43 0.00	14.89 -0.41 0.00	15.99 -0.63 0.00	18.55 -0.79 -0.11	19.02 -0.83 -0.19	19.79 -0.97 -0.06	19.93 -0.83 0.00	20.07 -0.90 0.00	19.90 -0.85 0.00	19.65 -1.17 -0.01	19.43 -1.15 -0.07	21.00 -1.25 0.00	21.52 -1.25 -0.10	22.50 -1.02 -0.32	26.64 -1.09 -0.42	26.97 -1.32 -0.27	25.76 -1.20 -0.25	26.04 -1.20 0.00	22.40 -0.93 0.00	21.24 -0.41 0.00	19.16 -0.61 0.00
TEMPLE___115KV_TB 2 55572	18.53 -0.09 0.00	16.56 -0.10 0.00	15.78 -0.11 -0.01	15.24 -0.09 0.00	15.21 -0.09 0.00	16.50 -0.12 0.00	19.30 0.00 -0.07	19.72 -0.06 -0.11	20.68 -0.06 -0.04	20.76 0.00 0.00	20.93 -0.04 0.00	20.67 -0.08 0.00	20.67 -0.15 0.00	20.43 -0.12 -0.04	22.20 -0.04 0.00	22.66 -0.07 -0.06	23.35 -0.05 -0.20	27.54 -0.03 -0.25	27.92 -0.25 -0.15	26.64 -0.21 -0.14	27.05 -0.19 0.00	23.15 -0.19 0.00	21.55 -0.11 0.00	19.73 -0.04 0.00
TIANA____69_KV_BK 1 55817	29.63 1.40 -9.60	24.45 1.35 -6.43	22.16 1.37 -4.92	21.57 1.29 -4.95	21.91 1.26 -5.35	25.50 1.35 -7.53	28.81 1.69 -7.89	23.84 1.99 -2.19	24.24 2.05 -1.48	23.28 1.95 -0.57	26.07 2.08 -3.01	27.38 1.97 -4.66	28.18 2.23 -5.14	28.29 2.13 -5.65	32.66 2.29 -8.13	36.34 2.47 -11.20	40.64 2.58 -14.86	50.27 3.03 -19.92	52.50 3.08 -21.40	39.63 2.83 -10.09	38.02 2.72 -8.06	37.50 2.26 -11.90	28.08 1.95 -4.47	25.95 1.50 -4.67
TILDEN___115KV_TB1 80814	18.59 -0.04 0.00	16.60 -0.07 0.00	15.81 -0.08 -0.01	15.27 -0.06 0.00	15.24 -0.06 0.00	16.54 -0.08 0.00	19.41 0.10 -0.08	19.86 0.06 -0.14	20.79 0.04 -0.04	20.86 0.10 0.00	21.02 0.04 0.00	20.74 -0.02 0.00	20.75 -0.06 -0.01	20.50 -0.06 -0.05	22.31 0.07 0.00	22.78 0.05 -0.07	23.51 0.07 -0.24	27.74 0.11 -0.31	28.04 -0.17 -0.19	26.75 -0.13 -0.17	27.13 -0.11 0.00	23.22 -0.12 0.00	21.61 -0.04 0.00	19.77 0.00 0.00
TRIGEN___CC 323695	29.50 1.27 -9.60	24.25 1.15 -6.43	21.92 1.13 -4.92	21.35 1.07 -4.95	21.70 1.04 -5.35	25.28 1.13 -7.53	28.48 1.37 -7.89	23.49 1.63 -2.19	23.95 1.76 -1.48	23.05 1.72 -0.57	25.84 1.85 -3.01	27.18 1.76 -4.66	27.84 1.89 -5.14	28.02 1.87 -5.65	32.37 2.00 -8.13	35.95 2.09 -11.20	40.24 2.18 -14.86	49.76 2.51 -19.92	51.94 2.52 -21.40	39.10 2.30 -10.09	37.48 2.18 -8.06	37.05 1.82 -11.90	27.75 1.62 -4.47	25.85 1.40 -4.67
TRINITY__115KV__ 4 BK 55933	19.15 0.52 0.00	17.28 0.62 0.00	16.64 0.64 -0.13	15.94 0.61 0.00	15.89 0.58 0.00	17.27 0.65 0.00	20.72 0.63 -0.86	22.67 0.69 -2.32	22.26 0.75 -0.81	21.48 0.73 0.00	21.73 0.76 0.00	21.54 0.79 0.00	21.72 0.81 -0.10	22.06 0.76 -0.80	23.04 0.80 0.00	24.82 0.82 -1.34	28.38 0.84 -4.35	33.89 0.96 -5.62	32.79 0.95 -3.82	31.10 0.88 -3.50	28.08 0.84 0.00	24.08 0.75 0.00	22.28 0.63 0.00	20.33 0.55 0.00

UNION___PROCESSING_DRP 323587	18.37 -0.26 0.00	16.41 -0.25 0.00	15.62 -0.27 -0.01	15.10 -0.23 0.00	15.09 -0.21 0.00	16.30 -0.32 0.00	19.09 -0.23 -0.09	19.52 -0.29 -0.15	20.38 -0.37 -0.05	20.47 -0.29 0.00	20.66 -0.31 0.00	20.44 -0.31 0.00	20.34 -0.48 -0.01	20.12 -0.45 -0.06	21.73 -0.51 0.00	22.29 -0.45 -0.08	23.03 -0.44 -0.27	27.23 -0.44 -0.35	27.63 -0.62 -0.23	26.38 -0.53 -0.21	26.78 -0.46 0.00	22.94 -0.40 0.00	21.59 -0.06 0.00	19.48 -0.30 0.00
UPPER HUDSON___HYD 24058	20.03 1.40 0.00	17.90 1.23 0.00	17.22 1.21 -0.13	16.49 1.16 0.00	16.47 1.16 0.00	17.92 1.30 0.00	21.73 1.62 -0.89	24.60 1.69 -3.24	23.77 1.90 -1.16	22.62 1.87 0.00	22.82 1.85 0.00	22.38 1.62 0.00	22.47 1.52 -0.14	23.09 1.52 -1.06	23.89 1.65 0.00	26.33 1.75 -1.92	31.25 1.83 -6.22	37.73 2.38 -8.04	35.85 2.35 -5.48	34.03 2.30 -5.02	29.58 2.34 0.00	25.39 2.05 0.00	23.45 1.80 0.00	21.24 1.46 0.00
UPPER RAQUET___HYD 24056	18.68 0.06 0.00	16.66 0.00 0.00	15.86 -0.02 0.00	15.30 -0.03 0.00	15.31 0.00 0.00	16.65 0.03 0.00	19.27 0.04 0.00	19.74 0.08 0.00	20.81 0.10 0.00	20.71 -0.04 0.00	20.93 -0.04 0.00	20.67 -0.08 0.00	20.75 -0.06 0.00	20.37 -0.14 0.00	22.13 -0.11 0.00	22.51 -0.16 0.00	22.71 -0.49 0.00	26.83 -0.49 0.00	27.57 -0.45 0.00	26.34 -0.37 0.00	27.27 0.03 0.00	23.45 0.12 0.00	21.76 0.11 0.00	19.79 0.02 0.00
VALLEY44_115KV_TB2 355964	18.33 -0.30 0.00	16.38 -0.28 0.00	15.57 -0.33 -0.02	15.10 -0.23 0.00	15.09 -0.21 0.00	16.27 -0.35 0.00	18.39 -0.98 -0.14	19.40 -0.51 -0.25	20.18 -0.60 -0.08	20.32 -0.44 0.00	20.62 -0.36 0.00	20.36 -0.39 0.00	20.24 -0.58 -0.01	19.82 -0.78 -0.09	21.64 -0.60 0.00	22.16 -0.63 -0.13	23.19 -0.44 -0.43	27.42 -0.46 -0.56	27.57 -0.81 -0.37	26.30 -0.75 -0.34	26.29 -0.95 0.00	22.66 -0.68 0.00	21.37 -0.28 0.00	19.44 -0.34 0.00
VALLEY___115KV_TB 1-4 80826	18.50 -0.13 0.00	16.55 -0.12 0.00	15.77 -0.11 0.00	15.22 -0.11 0.00	15.18 -0.12 0.00	16.52 -0.10 0.00	19.13 -0.10 0.00	19.51 -0.16 0.00	20.54 -0.17 0.00	20.63 -0.12 0.00	20.66 -0.31 0.00	20.53 -0.23 0.00	20.50 -0.31 0.00	20.20 -0.31 0.00	21.88 -0.36 0.00	22.30 -0.36 0.00	22.83 -0.37 0.00	26.88 -0.44 0.00	27.65 -0.36 0.00	26.44 -0.27 0.00	27.05 -0.19 0.00	23.24 -0.09 0.00	21.61 -0.04 0.00	19.85 0.08 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	19.24 0.61 0.00	17.20 0.53 0.00	16.41 0.49 -0.04	15.80 0.48 0.00	15.80 0.49 0.00	17.15 0.53 0.00	20.19 0.67 -0.29	21.39 0.90 -0.82	21.90 0.91 -0.29	21.59 0.83 0.00	21.88 0.90 0.00	21.57 0.81 0.00	21.72 0.87 -0.04	21.65 0.86 -0.28	23.17 0.93 0.00	24.14 1.00 -0.48	25.82 1.07 -1.55	30.55 1.23 -2.01	30.60 1.23 -1.35	29.15 1.20 -1.24	28.46 1.23 0.00	24.38 1.05 0.00	22.59 0.93 0.00	20.47 0.69 0.00
VISCHER___FERRY HYD 24020	19.50 0.88 0.00	17.48 0.82 0.00	16.82 0.81 -0.13	16.11 0.78 0.00	16.09 0.78 0.00	17.48 0.86 0.00	21.10 1.00 -0.87	23.61 1.06 -2.89	22.87 1.14 -1.03	21.90 1.14 0.00	22.13 1.15 0.00	21.90 1.14 0.00	22.08 1.14 -0.12	22.62 1.15 -0.96	23.46 1.22 0.00	25.61 1.25 -1.70	30.01 1.30 -5.51	35.94 1.50 -7.12	34.38 1.51 -4.85	32.59 1.44 -4.44	28.65 1.42 0.00	24.57 1.24 0.00	22.69 1.04 0.00	20.72 0.95 0.00
V_A_10_SYNC_DSASP 323832	17.96 -0.67 0.00	16.05 -0.62 0.00	15.28 -0.62 -0.01	14.81 -0.52 0.00	14.80 -0.51 0.00	15.92 -0.70 0.00	18.66 -0.67 -0.10	19.01 -0.83 -0.17	19.81 -0.95 -0.06	19.93 -0.83 0.00	20.10 -0.88 0.00	19.90 -0.85 0.00	19.71 -1.10 -0.01	19.55 -1.03 -0.07	21.06 -1.18 0.00	21.58 -1.18 -0.09	22.41 -1.09 -0.30	26.51 -1.20 -0.39	26.81 -1.46 -0.26	25.61 -1.34 -0.23	25.88 -1.36 0.00	22.28 -1.05 0.00	21.09 -0.56 0.00	19.02 -0.75 0.00
V_CMM_10_SYNC_DSASP 323787	18.44 -0.19 0.00	16.48 -0.18 0.00	15.69 -0.19 0.00	15.15 -0.18 0.00	15.12 -0.18 0.00	16.44 -0.18 0.00	18.98 -0.25 0.00	19.41 -0.26 0.00	20.48 -0.23 0.00	20.47 -0.29 0.00	20.70 -0.27 0.00	20.45 -0.31 0.00	20.52 -0.29 0.00	20.18 -0.33 0.00	21.88 -0.36 0.00	22.35 -0.32 0.00	22.81 -0.39 0.00	26.88 -0.44 0.00	27.60 -0.42 0.00	26.31 -0.40 0.00	26.91 -0.33 0.00	23.03 -0.30 0.00	21.40 -0.26 0.00	19.50 -0.28 0.00
V_CMP_10_SYNC_DSASP 323788	18.94 0.32 0.00	16.88 0.22 0.00	16.02 0.14 0.00	15.45 0.12 0.00	15.46 0.15 0.00	16.80 0.18 0.00	19.44 0.21 0.00	19.98 0.31 0.00	21.05 0.35 0.00	21.01 0.25 0.00	21.25 0.27 0.00	20.84 0.08 0.00	20.96 0.15 0.00	20.67 0.16 0.00	22.51 0.27 0.00	23.00 0.34 0.00	23.48 0.28 0.00	27.75 0.44 0.00	28.58 0.56 0.00	27.24 0.53 0.00	28.00 0.76 0.00	23.94 0.61 0.00	22.28 0.63 0.00	20.19 0.42 0.00
V_E_10_SYNC_DSASP 323830	19.65 1.02 0.00	17.50 0.83 0.00	16.67 0.76 -0.03	16.08 0.75 0.00	16.09 0.78 0.00	17.53 0.91 0.00	20.68 1.23 -0.22	21.39 1.24 -0.48	22.01 1.14 -0.17	21.73 0.98 0.00	21.82 0.84 0.00	21.50 0.75 0.00	21.49 0.67 -0.02	21.29 0.61 -0.17	22.97 0.73 0.00	23.78 0.84 -0.27	25.09 1.00 -0.89	29.83 1.37 -1.15	30.26 1.48 -0.76	29.14 1.74 -0.70	29.20 1.96 0.00	25.01 1.68 0.00	23.15 1.49 0.00	21.06 1.28 0.00
V_F_30_NSYNC___DSASP 323816	19.80 1.17 0.00	17.71 1.05 0.00	17.05 1.03 -0.13	16.32 1.00 0.00	16.30 0.99 0.00	17.72 1.10 0.00	21.44 1.33 -0.88	24.26 1.40 -3.20	23.32 1.47 -1.14	22.21 1.45 0.00	22.44 1.47 0.00	22.15 1.39 0.00	22.34 1.39 -0.14	22.95 1.40 -1.05	23.75 1.51 0.00	26.12 1.56 -1.89	30.96 1.62 -6.13	37.21 1.97 -7.93	35.38 1.96 -5.40	33.56 1.90 -4.95	29.17 1.93 0.00	25.01 1.68 0.00	23.10 1.45 0.00	21.02 1.25 0.00
V_F_30_SYNC_DSASP 323786	19.20 0.58 0.00	17.31 0.65 0.00	16.69 0.68 -0.13	15.99 0.66 0.00	15.93 0.63 0.00	17.30 0.68 0.00	20.79 0.69 -0.87	22.94 0.75 -2.53	22.40 0.81 -0.89	21.57 0.81 0.00	21.79 0.82 0.00	21.61 0.85 0.00	21.77 0.85 -0.11	22.19 0.82 -0.86	23.11 0.87 0.00	25.02 0.88 -1.47	28.88 0.90 -4.78	34.53 1.04 -6.17	33.26 1.04 -4.20	31.52 0.96 -3.85	28.16 0.93 0.00	24.15 0.82 0.00	22.35 0.69 0.00	20.39 0.61 0.00
V_XM_10_SYNC_DSASP 323789	18.94 0.32 0.00	16.88 0.22 0.00	16.02 0.14 0.00	15.45 0.12 0.00	15.46 0.15 0.00	16.80 0.18 0.00	19.44 0.21 0.00	19.98 0.31 0.00	21.05 0.35 0.00	21.01 0.25 0.00	21.25 0.27 0.00	20.84 0.08 0.00	20.96 0.15 0.00	20.67 0.16 0.00	22.51 0.27 0.00	23.00 0.34 0.00	23.48 0.28 0.00	27.75 0.44 0.00	28.58 0.56 0.00	27.24 0.53 0.00	28.00 0.76 0.00	23.94 0.61 0.00	22.28 0.63 0.00	20.19 0.42 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	19.58 0.95 0.00	17.53 0.87 0.00	16.81 0.83 -0.10	16.11 0.78 0.00	16.07 0.77 0.00	17.45 0.83 0.00	20.95 1.04 -0.68	22.04 1.22 -1.16	22.41 1.32 -0.38	22.15 1.39 0.00	22.45 1.47 0.00	22.23 1.47 0.00	22.40 1.54 -0.05	22.49 1.54 -0.44	23.91 1.67 0.00	25.07 1.77 -0.63	27.09 1.83 -2.06	32.08 2.10 -2.66	31.90 2.07 -1.81	30.24 1.87 -1.65	28.95 1.72 0.00	24.80 1.47 0.00	22.82 1.17 0.00	20.84 1.07 0.00

W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	19.73 1.10 0.00	17.66 1.00 0.00	16.97 0.98 -0.11	16.25 0.92 0.00	16.21 0.90 0.00	17.62 1.00 0.00	21.12 1.19 -0.70	22.31 1.44 -1.21	22.67 1.55 -0.41	22.39 1.62 -0.02	22.67 1.68 -0.02	22.45 1.68 -0.02	22.75 1.77 -0.17	23.81 1.74 -1.56	25.60 1.87 -1.49	27.78 1.95 -3.17	29.01 2.04 -3.77	36.76 2.35 -7.10	32.26 2.35 -1.89	30.58 2.14 -1.73	29.24 1.99 -0.01	24.99 1.66 0.00	23.05 1.39 -0.01	21.02 1.25 0.00
W50THST__13_KV_LOAD 356117	19.80 1.17 0.00	17.71 1.05 0.00	17.02 1.03 -0.11	16.31 0.98 0.00	16.27 0.96 0.00	17.67 1.05 0.00	21.22 1.29 -0.70	22.39 1.51 -1.21	22.77 1.66 -0.41	22.50 1.72 -0.02	22.78 1.78 -0.02	22.56 1.79 -0.02	22.85 1.87 -0.17	23.89 1.83 -1.56	25.71 1.98 -1.49	27.90 2.06 -3.17	29.10 2.13 -3.77	36.87 2.46 -7.10	32.43 2.52 -1.89	30.69 2.24 -1.73	29.37 2.12 -0.01	25.08 1.75 0.00	23.11 1.45 -0.01	21.10 1.32 0.00
WADING RIVER_IC_1 23522	29.37 1.14 -9.60	24.23 1.13 -6.43	21.97 1.18 -4.92	21.38 1.10 -4.95	21.71 1.06 -5.35	25.28 1.13 -7.53	28.58 1.46 -7.89	23.49 1.63 -2.19	23.84 1.66 -1.49	23.11 1.79 -0.57	25.67 1.68 -3.01	27.05 1.64 -4.66	27.66 1.71 -5.14	27.92 1.76 -5.65	32.26 1.89 -8.13	35.91 2.04 -11.20	40.22 2.16 -14.86	49.75 2.51 -19.92	51.94 2.52 -21.40	39.10 2.30 -10.09	37.48 2.18 -8.06	37.03 1.80 -11.90	27.64 1.52 -4.47	25.65 1.21 -4.67
WADING RIVER_IC_2 23547	29.37 1.14 -9.60	24.23 1.13 -6.43	21.97 1.18 -4.92	21.38 1.10 -4.95	21.71 1.06 -5.35	25.28 1.13 -7.53	28.58 1.46 -7.89	23.49 1.63 -2.19	23.84 1.66 -1.49	23.11 1.79 -0.57	25.67 1.68 -3.01	27.05 1.64 -4.66	27.66 1.71 -5.14	27.92 1.76 -5.65	32.26 1.89 -8.13	35.91 2.04 -11.20	40.22 2.16 -14.86	49.75 2.51 -19.92	51.94 2.52 -21.40	39.10 2.30 -10.09	37.48 2.18 -8.06	37.03 1.80 -11.90	27.64 1.52 -4.47	25.65 1.21 -4.67
WADING RIVER_IC_3 23601	29.37 1.14 -9.60	24.23 1.13 -6.43	21.97 1.18 -4.92	21.38 1.10 -4.95	21.71 1.06 -5.35	25.28 1.13 -7.53	28.58 1.46 -7.89	23.49 1.63 -2.19	23.84 1.66 -1.49	23.11 1.79 -0.57	25.67 1.68 -3.01	27.05 1.64 -4.66	27.66 1.71 -5.14	27.92 1.76 -5.65	32.26 1.89 -8.13	35.91 2.04 -11.20	40.22 2.16 -14.86	49.75 2.51 -19.92	51.94 2.52 -21.40	39.10 2.30 -10.09	37.48 2.18 -8.06	37.03 1.80 -11.90	27.64 1.52 -4.47	25.65 1.21 -4.67
WALDENNY_12_KV_BK2 80841	18.20 -0.43 0.00	16.25 -0.42 0.00	15.44 -0.46 -0.02	14.99 -0.34 0.00	14.97 -0.34 0.00	16.09 -0.53 0.00	18.58 -0.77 -0.12	19.21 -0.67 -0.21	19.96 -0.81 -0.07	20.13 -0.62 0.00	20.28 -0.69 0.00	20.11 -0.64 0.00	19.88 -0.94 -0.01	19.64 -0.94 -0.08	21.26 -0.98 0.00	21.78 -1.00 -0.12	22.74 -0.84 -0.37	26.92 -0.87 -0.48	27.15 -1.18 -0.31	25.93 -1.07 -0.29	26.12 -1.12 0.00	22.47 -0.86 0.00	21.31 -0.35 0.00	19.26 -0.51 0.00
WALDEN__HYDRO 24148	19.54 0.91 0.00	17.48 0.82 0.00	16.74 0.76 -0.10	16.05 0.72 0.00	15.99 0.69 0.00	17.38 0.76 0.00	20.87 0.96 -0.68	21.96 1.12 -1.18	22.27 1.18 -0.39	22.00 1.25 0.00	22.26 1.28 0.00	22.04 1.29 0.00	22.17 1.31 -0.05	22.28 1.33 -0.44	23.71 1.47 0.00	24.85 1.54 -0.64	26.91 1.62 -2.09	31.93 1.91 -2.70	31.81 1.96 -1.84	30.15 1.76 -1.68	28.87 1.63 0.00	24.78 1.45 0.00	22.78 1.13 0.00	20.80 1.03 0.00
WARRENSBURG____ 23737	20.03 1.40 0.00	17.90 1.23 0.00	17.22 1.21 -0.13	16.49 1.16 0.00	16.47 1.16 0.00	17.92 1.30 0.00	21.73 1.62 -0.89	24.60 1.69 -3.24	23.77 1.90 -1.16	22.62 1.87 0.00	22.82 1.85 0.00	22.38 1.62 0.00	22.47 1.52 -0.14	23.09 1.52 -1.06	23.89 1.65 0.00	26.33 1.75 -1.92	31.25 1.83 -6.22	37.73 2.38 -8.04	35.85 2.35 -5.48	34.03 2.30 -5.02	29.58 2.34 0.00	25.39 2.05 0.00	23.45 1.80 0.00	21.24 1.46 0.00
WATERSIDE____6 8 9 23538	19.78 1.15 0.00	17.72 1.05 -0.01	17.02 1.03 -0.11	16.29 0.97 0.00	16.25 0.95 0.00	17.63 1.01 0.00	21.12 1.19 -0.70	22.29 1.42 -1.21	22.63 1.51 -0.41	22.35 1.58 -0.02	22.63 1.64 -0.02	22.43 1.66 -0.02	22.72 1.75 -0.16	23.76 1.76 -1.49	25.53 1.89 -1.39	27.67 1.99 -3.01	28.93 2.06 -3.67	36.54 2.40 -6.82	32.25 2.35 -1.89	30.58 2.14 -1.73	29.23 1.99 -0.01	25.01 1.68 0.00	23.09 1.43 -0.01	21.09 1.31 -0.01
WATKINRD_115KV_LN8_ILLION 55919	18.59 -0.04 0.00	16.63 -0.03 0.00	15.85 -0.03 0.00	15.30 -0.03 0.00	15.27 -0.03 0.00	16.60 -0.02 0.00	19.21 -0.02 0.00	19.60 -0.06 0.00	20.62 -0.08 0.00	20.71 -0.04 0.00	20.83 -0.15 0.00	20.67 -0.08 0.00	20.68 -0.12 0.00	20.36 -0.14 0.00	22.08 -0.16 0.00	22.50 -0.16 0.00	23.04 -0.16 0.00	27.13 -0.19 0.00	27.88 -0.14 0.00	26.63 -0.08 0.00	27.18 -0.05 0.00	23.31 -0.02 0.00	21.63 -0.02 0.00	19.85 0.08 0.00
WATSON____69_KV_BK 1 55734	29.85 1.62 -9.60	24.56 1.47 -6.43	22.22 1.43 -4.92	21.64 1.36 -4.95	22.01 1.35 -5.35	25.60 1.45 -7.53	28.89 1.77 -7.89	23.96 2.10 -2.19	24.40 2.22 -1.48	23.47 2.14 -0.57	26.26 2.27 -3.01	27.59 2.18 -4.66	28.32 2.37 -5.14	28.46 2.30 -5.65	32.86 2.49 -8.13	36.50 2.63 -11.20	40.82 2.76 -14.86	50.44 3.20 -19.92	52.64 3.22 -21.40	39.79 2.99 -10.09	38.19 2.89 -8.06	37.64 2.40 -11.90	28.25 2.12 -4.47	26.19 1.74 -4.67
WDELAWARE__HYD 323627	18.87 0.24 0.00	16.85 0.18 0.00	16.12 0.14 -0.10	15.45 0.12 0.00	15.41 0.11 0.00	16.75 0.13 0.00	20.15 0.29 -0.63	21.38 0.59 -1.13	21.68 0.60 -0.38	21.40 0.64 0.00	21.63 0.65 0.00	21.25 0.50 0.00	21.39 0.54 -0.05	21.65 0.72 -0.42	23.04 0.80 0.00	24.19 0.91 -0.62	26.19 0.97 -2.02	31.07 1.15 -2.61	30.96 1.18 -1.77	29.37 1.04 -1.62	28.14 0.90 0.00	24.17 0.84 0.00	22.22 0.56 0.00	20.11 0.34 0.00
WEST BABYLON__IC 23714	29.79 1.56 -9.60	24.51 1.42 -6.43	22.18 1.38 -4.92	21.60 1.32 -4.95	21.96 1.30 -5.35	25.56 1.41 -7.53	28.81 1.69 -7.89	23.88 2.03 -2.19	24.34 2.15 -1.48	23.41 2.08 -0.57	26.19 2.20 -3.01	27.53 2.12 -4.66	28.24 2.29 -5.14	28.39 2.24 -5.65	32.73 2.36 -8.13	36.36 2.49 -11.20	40.66 2.60 -14.86	50.25 3.00 -19.92	52.44 3.03 -21.40	39.60 2.80 -10.09	38.02 2.72 -8.06	37.52 2.29 -11.90	28.18 2.06 -4.47	26.15 1.70 -4.67
WEST CANADA__HYD 24049	18.68 0.06 0.00	16.71 0.05 0.00	15.93 0.05 0.00	15.38 0.05 0.00	15.35 0.05 0.00	16.67 0.05 0.00	19.29 0.06 0.00	19.70 0.04 0.00	20.72 0.02 0.00	20.80 0.04 0.00	21.00 0.02 0.00	20.82 0.06 0.00	20.87 0.06 0.00	20.57 0.06 0.00	22.26 0.02 0.00	22.69 0.02 0.00	23.25 0.05 0.00	27.37 0.05 0.00	28.10 0.08 0.00	26.79 0.08 0.00	27.32 0.08 0.00	23.40 0.07 0.00	21.72 0.07 0.00	19.85 0.08 0.00
WESTERN_NY_WIND 24143	18.16 -0.46 0.00	16.21 -0.45 0.00	15.39 -0.51 -0.02	14.98 -0.35 0.00	14.97 -0.34 0.00	16.07 -0.55 0.00	18.63 -0.71 -0.11	19.11 -0.75 -0.19	19.88 -0.89 -0.06	19.86 -0.89 0.00	20.14 -0.84 0.00	20.01 -0.75 0.00	19.73 -1.08 -0.01	19.45 -1.13 -0.07	21.02 -1.22 0.00	21.57 -1.20 -0.10	22.84 -0.70 -0.34	27.04 -0.71 -0.44	27.43 -0.87 -0.29	26.20 -0.78 -0.26	26.53 -0.71 0.00	22.77 -0.56 0.00	21.57 -0.09 0.00	19.44 -0.34 0.00

WESTOVER___LESR 323668	18.83 0.20 0.00	16.81 0.15 0.00	16.04 0.13 -0.03	15.48 0.15 0.00	15.46 0.15 0.00	16.75 0.13 0.00	19.61 0.15 -0.23	20.31 0.22 -0.43	21.05 0.21 -0.14	21.05 0.29 0.00	21.25 0.27 0.00	21.03 0.27 0.00	21.06 0.23 -0.02	20.89 0.23 -0.16	22.51 0.27 0.00	23.17 0.27 -0.24	24.32 0.35 -0.77	28.75 0.44 -1.00	28.98 0.31 -0.66	27.63 0.32 -0.60	27.51 0.27 0.00	23.57 0.23 0.00	21.98 0.32 0.00	20.03 0.26 0.00
WETHRSFD_WT_PWR 323626	18.29 -0.33 0.00	16.33 -0.33 0.00	15.54 -0.36 -0.02	15.07 -0.26 0.00	15.06 -0.25 0.00	16.20 -0.41 0.00	18.79 -0.58 -0.14	19.29 -0.61 -0.24	20.16 -0.62 -0.08	20.17 -0.58 0.00	20.41 -0.57 0.00	20.17 -0.58 0.00	20.01 -0.81 -0.01	19.75 -0.84 -0.09	21.37 -0.87 0.00	21.91 -0.88 -0.13	22.88 -0.74 -0.43	27.10 -0.76 -0.55	27.42 -0.95 -0.36	26.21 -0.83 -0.33	26.37 -0.87 0.00	22.68 -0.65 0.00	21.44 -0.22 0.00	19.40 -0.38 0.00
WHAVSTOR_138KV_BK127 55557	19.52 0.89 0.00	17.48 0.82 0.00	16.78 0.79 -0.10	16.06 0.74 0.00	16.02 0.72 0.00	17.42 0.80 0.00	20.89 0.98 -0.68	21.98 1.16 -1.16	22.35 1.26 -0.38	22.08 1.33 0.00	22.38 1.41 0.00	22.17 1.41 0.00	22.33 1.48 -0.05	22.42 1.48 -0.44	23.84 1.60 0.00	24.98 1.68 -0.64	27.00 1.74 -2.06	31.97 1.99 -2.66	31.79 1.96 -1.81	30.16 1.79 -1.66	28.85 1.61 0.00	24.71 1.38 0.00	22.76 1.10 0.00	20.78 1.01 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	19.52 0.89 0.00	17.48 0.82 0.00	16.78 0.79 -0.10	16.06 0.74 0.00	16.02 0.72 0.00	17.42 0.80 0.00	20.89 0.98 -0.68	21.98 1.16 -1.16	22.35 1.26 -0.38	22.08 1.33 0.00	22.38 1.41 0.00	22.17 1.41 0.00	22.33 1.48 -0.05	22.42 1.48 -0.44	23.84 1.60 0.00	24.98 1.68 -0.64	27.00 1.74 -2.06	31.97 1.99 -2.66	31.79 1.96 -1.81	30.16 1.79 -1.66	28.85 1.61 0.00	24.71 1.38 0.00	22.76 1.10 0.00	20.78 1.01 0.00
WHITEHAL_115KV_TB1 80871	20.38 1.75 0.00	18.18 1.52 0.00	17.49 1.48 -0.13	16.75 1.43 0.00	16.74 1.44 0.00	18.21 1.60 0.00	22.12 2.00 -0.89	25.01 2.12 -3.22	24.15 2.30 -1.15	22.96 2.20 0.00	23.20 2.22 0.00	22.75 1.99 0.00	22.86 1.91 -0.14	23.43 1.87 -1.06	24.31 2.07 0.00	26.75 2.18 -1.91	31.71 2.32 -6.18	38.29 2.98 -7.99	36.40 2.94 -5.45	34.61 2.91 -4.99	30.23 3.00 0.00	25.97 2.64 0.00	23.95 2.30 0.00	21.61 1.84 0.00
WHITEPLN_13_KV_LOAD 356215	19.71 1.08 0.00	17.65 0.98 0.00	16.94 0.95 -0.11	16.22 0.89 0.00	16.18 0.87 0.00	17.57 0.95 0.00	21.12 1.19 -0.70	22.22 1.36 -1.20	22.57 1.47 -0.40	22.33 1.58 0.00	22.57 1.59 0.00	22.44 1.68 0.00	22.54 1.69 -0.05	22.62 1.66 -0.45	24.04 1.80 0.00	25.22 1.90 -0.66	27.30 1.97 -2.13	32.33 2.27 -2.75	32.15 2.27 -1.87	30.51 2.08 -1.71	29.17 1.93 0.00	24.92 1.59 0.00	22.97 1.32 0.00	21.02 1.25 0.00
WM_FLOYD_69_KV_BK2 356380	29.53 1.30 -9.60	24.35 1.25 -6.43	22.05 1.25 -4.92	21.48 1.20 -4.95	21.82 1.16 -5.35	25.38 1.23 -7.53	28.68 1.56 -7.89	23.69 1.83 -2.19	24.07 1.88 -1.48	23.14 1.81 -0.57	25.90 1.91 -3.01	27.24 1.83 -4.66	27.99 2.04 -5.14	28.11 1.95 -5.65	32.46 2.09 -8.13	36.11 2.24 -11.20	40.41 2.34 -14.86	50.00 2.76 -19.92	52.19 2.77 -21.40	39.36 2.56 -10.09	37.78 2.48 -8.06	37.26 2.03 -11.90	27.88 1.75 -4.47	25.83 1.38 -4.67
WOODARD__115KV_TB2 355635	18.52 -0.11 0.00	16.55 -0.12 0.00	15.76 -0.13 -0.01	15.21 -0.12 0.00	15.20 -0.11 0.00	16.49 -0.13 0.00	19.36 0.06 -0.07	19.76 -0.02 -0.11	20.70 -0.04 -0.04	20.78 0.02 0.00	20.93 -0.04 0.00	20.61 -0.15 0.00	20.61 -0.21 0.00	20.37 -0.18 -0.04	22.22 -0.02 0.00	22.68 -0.05 -0.06	23.35 -0.05 -0.19	27.57 0.00 -0.25	27.83 -0.34 -0.15	26.56 -0.29 -0.14	26.97 -0.27 0.00	23.08 -0.26 0.00	21.50 -0.15 0.00	19.67 -0.10 0.00
YORK___WARBASSE 23770	19.88 1.25 0.00	17.79 1.12 -0.01	17.09 1.10 -0.11	16.36 1.03 0.00	16.32 1.01 0.00	17.65 1.03 0.00	21.14 1.21 -0.70	22.31 1.44 -1.21	22.63 1.51 -0.41	22.37 1.60 -0.02	22.67 1.68 -0.02	22.47 1.70 -0.02	22.76 1.79 -0.16	23.80 1.80 -1.49	25.59 1.96 -1.39	27.74 2.06 -3.01	29.02 2.16 -3.67	36.70 2.54 -6.84	32.41 2.49 -1.90	30.69 2.24 -1.73	29.34 2.10 -0.01	25.11 1.77 0.00	23.20 1.54 -0.01	21.19 1.40 -0.01