

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

10/18/2023

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	20.35	17.51	17.24	16.99	17.03	18.82	28.41	35.56	33.77	27.78	25.42	25.13	23.39	23.95	23.88	24.81	26.81	34.50	41.56	38.48	29.78	25.43	21.97	20.25
24138	1.21	1.02	1.02	1.01	1.03	1.16	1.78	2.42	2.40	1.87	1.88	2.03	1.84	1.88	1.88	1.95	2.01	2.37	2.95	2.58	1.90	1.67	1.53	0.99
	-0.01	-0.01	-0.01	0.00	0.00	-0.01	-0.04	0.00	-0.27	-0.33	-0.27	-0.28	-0.21	-0.18	-0.16	-0.18	-0.25	-0.54	-0.33	-0.55	-0.29	-0.17	-0.10	-5.51
74TH STREET_GT_1	20.29	17.48	17.22	16.96	16.98	18.76	28.30	35.43	33.65	27.68	25.33	25.04	23.31	23.87	23.80	24.74	26.76	34.40	41.40	38.48	29.73	25.34	21.92	20.29
24260	1.15	0.99	1.00	0.97	0.98	1.11	1.67	2.29	2.27	1.76	1.79	1.94	1.75	1.79	1.79	1.88	1.96	2.27	2.79	2.58	1.85	1.58	1.46	1.03
	-0.01	-0.01	-0.01	0.00	0.00	-0.01	-0.04	0.00	-0.27	-0.33	-0.27	-0.28	-0.21	-0.18	-0.16	-0.19	-0.25	-0.54	-0.33	-0.55	-0.29	-0.17	-0.11	-5.50
74TH STREET_GT_2	20.29	17.48	17.22	16.96	16.98	18.76	28.30	35.43	33.65	27.68	25.33	25.04	23.31	23.87	23.80	24.74	26.76	34.40	41.40	38.48	29.73	25.34	21.92	20.29
24261	1.15	0.99	1.00	0.97	0.98	1.11	1.67	2.29	2.27	1.76	1.79	1.94	1.75	1.79	1.79	1.88	1.96	2.27	2.79	2.58	1.85	1.58	1.46	1.03
	-0.01	-0.01	-0.01	0.00	0.00	-0.01	-0.04	0.00	-0.27	-0.33	-0.27	-0.28	-0.21	-0.18	-0.16	-0.19	-0.25	-0.54	-0.33	-0.55	-0.29	-0.17	-0.11	-5.50
ADK HUDSON___FALLS	19.99	17.22	16.97	16.73	16.75	18.54	28.50	35.53	32.97	26.94	24.53	23.98	22.33	23.03	23.00	23.97	25.73	33.04	40.60	37.27	29.13	24.81	21.44	21.10
24011	0.86	0.74	0.76	0.75	0.75	0.90	1.91	2.39	2.15	1.66	1.49	1.39	1.11	1.25	1.25	1.43	1.40	1.96	2.64	2.44	1.82	1.32	1.10	0.62
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.28	0.30	0.23	0.23	0.13	0.11	0.09	0.13	0.21	0.51	0.32	0.52	0.28	0.10	0.00	-6.73
ADK RESOURCE___RCVRY	20.05	17.27	17.01	16.80	16.80	18.61	28.68	35.76	33.19	27.12	24.70	24.12	22.39	23.11	23.09	24.09	25.86	33.20	40.87	37.49	29.33	25.07	21.53	21.21
23798	0.92	0.79	0.81	0.81	0.80	0.97	2.10	2.62	2.36	1.84	1.65	1.53	1.17	1.34	1.33	1.54	1.52	2.12	2.91	2.65	2.01	1.58	1.18	0.73
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.28	0.30	0.22	0.23	0.13	0.11	0.09	0.13	0.21	0.51	0.31	0.52	0.27	0.10	0.00	-6.73
ADK S GLENS___FALLS	19.99	17.22	16.97	16.73	16.75	18.54	28.50	35.53	32.97	26.94	24.53	23.98	22.33	23.03	23.00	23.97	25.73	33.04	40.60	37.27	29.13	24.81	21.44	21.10
24028	0.86	0.74	0.76	0.75	0.75	0.90	1.91	2.39	2.15	1.66	1.49	1.39	1.11	1.25	1.25	1.43	1.40	1.96	2.64	2.44	1.82	1.32	1.10	0.62
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.28	0.30	0.23	0.23	0.13	0.11	0.09	0.13	0.21	0.51	0.32	0.52	0.28	0.10	0.00	-6.73
ADK_NYS___DAM	19.95	17.22	17.00	16.77	16.80	18.57	27.86	34.80	31.87	25.84	23.66	23.24	21.92	22.58	22.62	23.41	25.10	31.67	39.31	35.56	28.07	24.33	21.32	20.91
23527	0.82	0.74	0.79	0.78	0.80	0.93	1.28	1.66	1.52	1.07	1.00	1.05	0.92	0.99	1.01	1.09	1.18	1.58	1.95	1.73	1.30	1.04	0.98	0.66
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.76	0.82	0.61	0.63	0.35	0.30	0.23	0.35	0.62	1.50	0.92	1.53	0.81	0.29	0.00	-6.49
AIR_PRODUCTS___DRP	19.28	16.74	16.51	16.35	16.35	17.96	27.06	33.58	31.23	25.58	23.37	22.91	21.47	22.11	22.09	22.93	24.72	31.58	38.67	35.47	27.71	23.77	20.73	20.52
24190	0.15	0.26	0.31	0.37	0.35	0.32	0.48	0.43	0.40	0.31	0.33	0.32	0.26	0.33	0.33	0.39	0.39	0.54	0.73	0.67	0.41	0.28	0.39	0.19
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.28	0.30	0.23	0.24	0.13	0.11	0.09	0.13	0.22	0.54	0.33	0.55	0.29	0.10	0.00	-6.58
AKWESSNE_115KV_BK	18.76	16.16	15.90	15.69	15.68	17.29	26.08	32.48	30.52	25.09	22.76	22.30	20.83	21.36	21.30	22.13	23.96	30.83	37.51	34.58	26.98	23.16	19.96	13.51
355683	-0.36	-0.31	-0.31	-0.29	-0.32	-0.35	-0.51	-0.66	-0.59	-0.49	-0.51	-0.52	-0.51	-0.53	-0.55	-0.54	-0.59	-0.76	-0.77	-0.78	-0.61	-0.42	-0.39	-0.25
	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	19.28	16.74	16.51	16.35	16.35	17.96	27.06	33.58	31.23	25.58	23.37	22.91	21.47	22.11	22.09	22.93	24.72	31.58	38.67	35.47	27.71	23.77	20.73	20.52
23571	0.15	0.26	0.31	0.37	0.35	0.32	0.48	0.43	0.40	0.31	0.33	0.32	0.26	0.33	0.33	0.39	0.39	0.54	0.73	0.67	0.41	0.28	0.39	0.19
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.28	0.30	0.23	0.24	0.13	0.11	0.09	0.13	0.22	0.54	0.33	0.55	0.29	0.10	0.00	-6.58
ALBANY___2	19.28	16.74	16.51	16.35	16.35	17.96	27.06	33.58	31.23	25.58	23.37	22.91	21.47	22.11	22.09	22.93	24.72	31.58	38.67	35.47	27.71	23.77	20.73	20.52
23572	0.15	0.26	0.31	0.37	0.35	0.32	0.48	0.43	0.40	0.31	0.33	0.32	0.26	0.33	0.33	0.39	0.39	0.54	0.73	0.67	0.41	0.28	0.39	0.19
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.28	0.30	0.23	0.24	0.13	0.11	0.09	0.13	0.22	0.54	0.33	0.55	0.29	0.10	0.00	-6.58
ALBANY___3	19.28	16.74	16.51	16.35	16.35	17.96	27.06	33.58	31.23	25.58	23.37	22.91	21.47	22.11	22.09	22.93	24.72	31.58	38.67	35.47	27.71	23.77	20.73	20.52
23573	0.15	0.26	0.31	0.37	0.35	0.32	0.48	0.43	0.40	0.31	0.33	0.32	0.26	0.33	0.33	0.39	0.39	0.54	0.73	0.67	0.41	0.28	0.39	0.19
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.28	0.30	0.23	0.24	0.13	0.11	0.09	0.13	0.22	0.54	0.33	0.55	0.29	0.10	0.00	-6.58

ALBANY___4 23574	19.28 0.15 0.00	16.74 0.26 0.00	16.51 0.31 0.00	16.35 0.37 0.00	16.35 0.35 0.00	17.96 0.32 0.00	27.06 0.48 0.00	33.58 0.43 0.00	31.23 0.40 0.28	25.58 0.31 0.30	23.37 0.33 0.23	22.91 0.32 0.24	21.47 0.26 0.13	22.11 0.33 0.11	22.09 0.33 0.09	22.93 0.39 0.13	24.72 0.39 0.22	31.58 0.54 0.54	38.67 0.73 0.33	35.47 0.67 0.55	27.71 0.41 0.29	23.77 0.28 0.10	20.73 0.39 0.00	20.52 0.19 -6.58
ALBANY___LFGE 323615	19.47 0.34 0.00	16.87 0.39 0.00	16.64 0.44 0.00	16.48 0.50 0.00	16.48 0.48 0.00	18.13 0.49 0.00	27.30 0.72 0.00	33.91 0.76 0.00	31.52 0.72 0.30	25.82 0.56 0.33	23.58 0.56 0.24	23.12 0.55 0.25	21.66 0.45 0.14	22.29 0.52 0.12	22.30 0.55 0.09	23.12 0.59 0.14	24.95 0.64 0.23	31.92 0.88 0.56	39.08 1.15 0.34	35.74 0.95 0.57	28.00 0.72 0.30	24.05 0.57 0.11	20.91 0.57 0.00	20.70 0.33 -6.61
ALCOA_PA_115KV_PL-6C 55860	18.86 -0.27 0.00	16.24 -0.23 0.00	15.96 -0.24 0.00	15.79 -0.19 0.00	15.75 -0.26 0.00	17.36 -0.28 0.00	26.21 -0.37 0.00	32.65 -0.50 0.00	30.67 -0.44 0.00	25.19 -0.38 0.00	22.83 -0.44 0.00	22.35 -0.48 0.00	20.88 -0.47 0.00	21.39 -0.50 0.00	21.34 -0.50 0.00	22.17 -0.50 0.00	23.98 -0.56 0.00	30.89 -0.69 0.00	37.59 -0.69 0.00	34.68 -0.67 0.00	27.09 -0.50 0.00	23.28 -0.31 0.00	20.08 -0.26 0.00	13.58 -0.18 0.00
ALCOA_RYNLDS___DRP 24188	18.86 -0.27 0.00	16.24 -0.23 0.00	15.96 -0.24 0.00	15.79 -0.19 0.00	15.75 -0.26 0.00	17.36 -0.28 0.00	26.21 -0.37 0.00	32.65 -0.50 0.00	30.67 -0.44 0.00	25.19 -0.38 0.00	22.83 -0.44 0.00	22.35 -0.48 0.00	20.88 -0.47 0.00	21.39 -0.50 0.00	21.34 -0.50 0.00	22.17 -0.50 0.00	23.98 -0.56 0.00	30.89 -0.69 0.00	37.59 -0.69 0.00	34.68 -0.67 0.00	27.09 -0.50 0.00	23.28 -0.31 0.00	20.08 -0.26 0.00	13.58 -0.18 0.00
ALCOA___DSASP 323711	18.86 -0.27 0.00	16.24 -0.23 0.00	15.96 -0.24 0.00	15.79 -0.19 0.00	15.75 -0.26 0.00	17.36 -0.28 0.00	26.21 -0.37 0.00	32.65 -0.50 0.00	30.67 -0.44 0.00	25.20 -0.38 0.00	22.82 -0.44 0.00	22.35 -0.48 0.00	20.88 -0.47 0.00	21.39 -0.50 0.00	21.34 -0.50 0.00	22.17 -0.50 0.00	23.98 -0.56 0.00	30.89 -0.70 0.00	37.59 -0.69 0.00	34.65 -0.71 0.00	27.09 -0.50 0.00	23.26 -0.33 0.00	20.08 -0.27 0.00	13.56 -0.19 0.00
ALLEGHENY___COGEN 23514	20.45 1.32 0.00	17.60 1.12 0.00	17.08 0.87 0.00	16.81 0.83 0.00	16.91 0.91 0.00	18.68 1.04 0.00	28.60 2.02 0.00	35.60 2.45 0.00	33.25 2.14 0.00	27.37 1.79 0.00	24.64 1.37 0.00	23.94 1.12 0.00	22.58 1.24 0.00	23.14 1.25 0.00	23.11 1.27 0.00	23.87 1.20 0.00	26.04 1.50 0.00	33.67 2.08 0.00	40.69 2.41 0.00	38.15 2.79 0.00	29.77 2.18 0.00	25.48 1.89 0.00	21.61 1.26 0.00	16.02 0.65 -1.62
ALTAMONT_115KV_TB 2 55880	19.68 0.55 0.00	16.99 0.51 0.00	16.75 0.55 0.00	16.53 0.54 0.00	16.55 0.54 0.00	18.22 0.58 0.00	27.46 0.88 0.00	34.21 1.06 0.00	31.97 1.03 0.17	26.17 0.77 0.18	23.88 0.74 0.13	23.46 0.78 0.14	21.95 0.68 0.08	22.55 0.72 0.07	22.54 0.74 0.05	23.41 0.82 0.08	25.27 0.86 0.13	32.34 1.07 0.32	39.42 1.34 0.20	36.30 1.27 0.33	28.32 0.91 0.18	24.28 0.75 0.06	21.06 0.71 0.00	20.80 0.47 -6.58
ALTONA_WT_PWR 323606	19.26 0.13 0.00	16.59 0.12 0.00	16.28 0.08 0.00	16.13 0.14 0.00	16.08 0.08 0.00	17.78 0.14 0.00	27.03 0.45 0.00	33.77 0.63 0.00	31.73 0.62 0.00	26.22 0.64 0.00	23.76 0.49 0.00	23.21 0.39 0.00	21.71 0.36 0.00	22.22 0.33 0.00	22.19 0.35 0.00	23.03 0.36 0.00	24.99 0.44 0.00	32.22 0.63 0.00	39.24 0.96 0.00	36.06 0.71 0.00	28.11 0.52 0.00	24.03 0.45 0.00	20.55 0.20 0.00	13.84 0.08 0.00
AMERICAN_REF_FUEL 24010	19.30 0.17 0.00	16.66 0.18 0.00	16.12 -0.08 0.00	15.84 -0.14 0.00	15.97 -0.03 0.00	17.55 -0.09 0.00	26.19 -0.40 0.00	32.28 -0.86 0.00	30.58 -0.53 0.00	25.48 -0.10 0.00	23.17 -0.09 0.00	22.62 -0.21 0.00	21.50 0.15 0.00	21.89 0.00 0.00	21.89 0.04 0.00	22.42 -0.25 0.00	24.30 -0.25 0.00	30.96 -0.63 0.00	36.63 -1.64 0.00	34.79 -0.57 0.00	27.31 -0.28 0.00	23.42 -0.16 0.00	20.20 -0.14 0.00	15.00 -0.29 -1.54
ARKWRIGHT___SUMMIT_WT_PWR 323751	20.24 1.11 0.00	17.38 0.91 0.00	16.77 0.57 0.00	16.45 0.46 0.00	16.61 0.61 0.00	18.26 0.62 0.00	27.67 1.09 0.00	34.37 1.23 0.00	32.42 1.31 0.00	27.01 1.43 0.00	24.59 1.33 0.00	24.01 1.19 0.00	22.80 1.45 0.00	23.25 1.36 0.00	23.22 1.38 0.00	23.78 1.11 0.00	25.80 1.25 0.00	33.07 1.49 0.00	39.35 1.07 0.00	37.05 1.70 0.00	28.94 1.35 0.00	24.60 1.01 0.00	21.04 0.69 0.00	15.59 0.19 -1.64
ARTHUR_KILL_GT_1 23520	20.15 1.01 -0.01	17.36 0.87 -0.01	17.09 0.87 -0.01	16.97 0.99 0.00	16.96 0.96 0.00	18.65 1.00 -0.01	28.11 1.49 -0.04	34.93 1.79 0.01	33.14 1.77 -0.26	27.26 1.35 -0.33	24.98 1.44 -0.27	24.76 1.67 -0.27	23.00 1.45 -0.20	23.60 1.53 -0.17	23.54 1.53 -0.16	24.49 1.63 -0.18	26.47 1.67 -0.25	34.08 1.96 -0.53	41.05 2.45 -0.32	38.01 2.12 -0.54	29.61 1.74 -0.28	25.09 1.34 -0.16	21.77 1.32 -0.11	20.06 0.80 -5.51
ARTHUR_KILL_2 23512	20.09 0.96 -0.01	17.31 0.82 -0.01	17.04 0.83 -0.01	16.94 0.96 0.00	16.91 0.91 0.00	18.61 0.97 -0.01	28.03 1.41 -0.04	34.83 1.69 0.01	33.05 1.68 -0.26	27.18 1.28 -0.33	24.90 1.37 -0.27	24.69 1.60 -0.27	22.96 1.41 -0.20	23.53 1.47 -0.17	23.47 1.46 -0.16	24.42 1.56 -0.18	26.39 1.59 -0.25	33.98 1.86 -0.53	40.94 2.34 -0.32	37.87 1.98 -0.54	29.53 1.66 -0.28	25.02 1.27 -0.16	21.71 1.26 -0.11	20.03 0.77 -5.51
ARTHUR_KILL_3 23513	20.15 1.01 -0.01	17.34 0.86 -0.01	17.07 0.86 -0.01	16.83 0.85 0.00	16.87 0.86 0.00	18.64 0.99 -0.01	28.03 1.41 -0.04	35.07 1.92 0.00	33.31 1.93 -0.27	27.45 1.53 -0.33	25.12 1.58 -0.27	24.84 1.73 -0.28	23.11 1.56 -0.21	23.67 1.60 -0.18	23.60 1.59 -0.16	24.49 1.63 -0.18	26.52 1.72 -0.25	34.02 1.90 -0.54	40.94 2.34 -0.33	37.91 2.01 -0.55	29.45 1.57 -0.29	25.15 1.39 -0.17	21.73 1.28 -0.10	20.12 0.85 -5.51
ARTHUR_KILL_COGEN 323718	20.15 1.01 -0.01	17.36 0.87 -0.01	17.09 0.87 -0.01	16.97 0.99 0.00	16.96 0.96 0.00	18.65 1.00 -0.01	28.11 1.49 -0.04	34.93 1.79 0.01	33.14 1.77 -0.26	27.26 1.35 -0.33	24.98 1.44 -0.27	24.76 1.67 -0.27	23.00 1.45 -0.20	23.60 1.53 -0.17	23.54 1.53 -0.16	24.49 1.63 -0.18	26.47 1.67 -0.25	34.08 1.96 -0.53	41.05 2.45 -0.32	38.01 2.12 -0.54	29.61 1.74 -0.28	25.09 1.34 -0.16	21.77 1.32 -0.11	20.06 0.80 -5.51
ASHOKAN____ 23654	20.03 0.90 0.00	17.31 0.84 0.00	17.01 0.81 0.00	16.84 0.86 0.00	16.82 0.82 0.00	18.49 0.85 0.00	27.83 1.25 0.00	34.64 1.49 0.00	32.88 1.77 0.00	26.88 1.30 0.00	24.43 1.16 0.00	23.97 1.14 0.00	22.37 1.02 0.00	23.01 1.12 0.00	22.98 1.14 0.00	23.87 1.20 0.00	25.90 1.35 0.00	33.71 2.12 0.00	40.96 2.68 0.00	37.76 2.41 0.00	29.25 1.66 0.00	24.96 1.37 0.00	21.30 0.96 0.00	20.29 0.60 -5.93

ASTORIA_EAST_ENERGY_CC1 323581	19.75 0.61 -0.01	17.11 0.63 -0.01	16.84 0.63 -0.01	16.89 0.91 0.00	16.87 0.86 0.00	18.46 0.81 -0.01	27.94 1.36 0.00	34.76 1.62 0.01	33.05 1.68 -0.26	27.30 1.43 -0.29	24.98 1.49 -0.22	24.79 1.73 -0.23	23.02 1.54 -0.14	23.61 1.60 -0.12	23.54 1.59 -0.10	24.48 1.68 -0.13	26.41 1.64 -0.22	33.85 1.74 -0.53	40.74 2.14 -0.32	37.87 1.98 -0.54	29.22 1.35 -0.28	24.97 1.27 -0.11	21.61 1.24 -0.02	19.93 0.67 -5.50
ASTORIA_EAST_ENERGY_CC2 323582	19.75 0.61 -0.01	17.11 0.63 -0.01	16.84 0.63 -0.01	16.89 0.91 0.00	16.87 0.86 0.00	18.46 0.81 -0.01	27.94 1.36 0.00	34.76 1.62 0.01	33.05 1.68 -0.26	27.30 1.43 -0.29	24.98 1.49 -0.22	24.79 1.73 -0.23	23.02 1.54 -0.14	23.61 1.60 -0.12	23.54 1.59 -0.10	24.48 1.68 -0.13	26.41 1.64 -0.22	33.85 1.74 -0.53	40.74 2.14 -0.32	37.87 1.98 -0.54	29.22 1.35 -0.28	24.97 1.27 -0.11	21.61 1.24 -0.02	19.93 0.67 -5.50
ASTORIA_GT2_1 24094	20.06 0.92 -0.01	17.23 0.74 -0.01	16.99 0.78 -0.01	16.89 0.91 0.00	16.87 0.86 0.00	18.46 0.81 -0.01	27.95 1.36 -0.01	34.77 1.62 0.00	33.06 1.68 -0.27	27.34 1.46 -0.30	25.00 1.51 -0.22	24.79 1.73 -0.23	23.02 1.54 -0.14	23.63 1.62 -0.12	23.54 1.59 -0.10	24.51 1.70 -0.13	26.46 1.69 -0.22	33.90 1.77 -0.54	40.79 2.18 -0.33	38.06 2.16 -0.55	29.23 1.35 -0.29	25.00 1.30 -0.11	21.65 1.28 -0.02	20.14 0.92 -5.46
ASTORIA_GT2_2 24095	20.06 0.92 -0.01	17.23 0.74 -0.01	16.99 0.78 -0.01	16.89 0.91 0.00	16.87 0.86 0.00	18.46 0.81 -0.01	27.95 1.36 -0.01	34.77 1.62 0.00	33.06 1.68 -0.27	27.34 1.46 -0.30	25.00 1.51 -0.22	24.79 1.73 -0.23	23.02 1.54 -0.14	23.63 1.62 -0.12	23.54 1.59 -0.10	24.51 1.70 -0.13	26.46 1.69 -0.22	33.90 1.77 -0.54	40.79 2.18 -0.33	38.06 2.16 -0.55	29.23 1.35 -0.29	25.00 1.30 -0.11	21.65 1.28 -0.02	20.14 0.92 -5.46
ASTORIA_GT2_3 24096	20.06 0.92 -0.01	17.23 0.74 -0.01	16.99 0.78 -0.01	16.89 0.91 0.00	16.87 0.86 0.00	18.46 0.81 -0.01	27.95 1.36 -0.01	34.77 1.62 0.00	33.06 1.68 -0.27	27.34 1.46 -0.30	25.00 1.51 -0.22	24.79 1.73 -0.23	23.02 1.54 -0.14	23.63 1.62 -0.12	23.54 1.59 -0.10	24.51 1.70 -0.13	26.46 1.69 -0.22	33.90 1.77 -0.54	40.79 2.18 -0.33	38.06 2.16 -0.55	29.23 1.35 -0.29	25.00 1.30 -0.11	21.65 1.28 -0.02	20.14 0.92 -5.46
ASTORIA_GT2_4 24097	20.06 0.92 -0.01	17.23 0.74 -0.01	16.99 0.78 -0.01	16.89 0.91 0.00	16.87 0.86 0.00	18.46 0.81 -0.01	27.95 1.36 -0.01	34.77 1.62 0.00	33.06 1.68 -0.27	27.34 1.46 -0.30	25.00 1.51 -0.22	24.79 1.73 -0.23	23.02 1.54 -0.14	23.63 1.62 -0.12	23.54 1.59 -0.10	24.51 1.70 -0.13	26.46 1.69 -0.22	33.90 1.77 -0.54	40.79 2.18 -0.33	38.06 2.16 -0.55	29.23 1.35 -0.29	25.00 1.30 -0.11	21.65 1.28 -0.02	20.14 0.92 -5.46
ASTORIA_GT3_1 24098	20.06 0.92 -0.01	17.23 0.74 -0.01	16.99 0.78 -0.01	16.89 0.91 0.00	16.87 0.86 0.00	18.46 0.81 -0.01	27.95 1.36 -0.01	34.77 1.62 0.00	33.06 1.68 -0.27	27.34 1.46 -0.30	25.00 1.51 -0.22	24.79 1.73 -0.23	23.02 1.54 -0.14	23.63 1.62 -0.12	23.54 1.59 -0.10	24.51 1.70 -0.13	26.46 1.69 -0.22	33.90 1.77 -0.54	40.79 2.18 -0.33	38.06 2.16 -0.55	29.23 1.35 -0.29	25.00 1.30 -0.11	21.65 1.28 -0.02	20.14 0.92 -5.46
ASTORIA_GT3_2 24099	20.06 0.92 -0.01	17.23 0.74 -0.01	16.99 0.78 -0.01	16.89 0.91 0.00	16.87 0.86 0.00	18.46 0.81 -0.01	27.95 1.36 -0.01	34.77 1.62 0.00	33.06 1.68 -0.27	27.34 1.46 -0.30	25.00 1.51 -0.22	24.79 1.73 -0.23	23.02 1.54 -0.14	23.63 1.62 -0.12	23.54 1.59 -0.10	24.51 1.70 -0.13	26.46 1.69 -0.22	33.90 1.77 -0.54	40.79 2.18 -0.33	38.06 2.16 -0.55	29.23 1.35 -0.29	25.00 1.30 -0.11	21.65 1.28 -0.02	20.14 0.92 -5.46
ASTORIA_GT3_3 24100	20.06 0.92 -0.01	17.23 0.74 -0.01	16.99 0.78 -0.01	16.89 0.91 0.00	16.87 0.86 0.00	18.46 0.81 -0.01	27.95 1.36 -0.01	34.77 1.62 0.00	33.06 1.68 -0.27	27.34 1.46 -0.30	25.00 1.51 -0.22	24.79 1.73 -0.23	23.02 1.54 -0.14	23.63 1.62 -0.12	23.54 1.59 -0.10	24.51 1.70 -0.13	26.46 1.69 -0.22	33.90 1.77 -0.54	40.79 2.18 -0.33	38.06 2.16 -0.55	29.23 1.35 -0.29	25.00 1.30 -0.11	21.65 1.28 -0.02	20.14 0.92 -5.46
ASTORIA_GT3_4 24101	20.06 0.92 -0.01	17.23 0.74 -0.01	16.99 0.78 -0.01	16.89 0.91 0.00	16.87 0.86 0.00	18.46 0.81 -0.01	27.95 1.36 -0.01	34.77 1.62 0.00	33.06 1.68 -0.27	27.34 1.46 -0.30	25.00 1.51 -0.22	24.79 1.73 -0.23	23.02 1.54 -0.14	23.63 1.62 -0.12	23.54 1.59 -0.10	24.51 1.70 -0.13	26.46 1.69 -0.22	33.90 1.77 -0.54	40.79 2.18 -0.33	38.06 2.16 -0.55	29.23 1.35 -0.29	25.00 1.30 -0.11	21.65 1.28 -0.02	20.14 0.92 -5.46
ASTORIA_GT4_1 24102	20.06 0.92 -0.01	17.23 0.74 -0.01	16.99 0.78 -0.01	16.89 0.91 0.00	16.87 0.86 0.00	18.46 0.81 -0.01	27.95 1.36 -0.01	34.77 1.62 0.00	33.06 1.68 -0.27	27.34 1.46 -0.30	25.00 1.51 -0.22	24.79 1.73 -0.23	23.02 1.54 -0.14	23.63 1.62 -0.12	23.54 1.59 -0.10	24.51 1.70 -0.13	26.46 1.69 -0.22	33.90 1.77 -0.54	40.79 2.18 -0.33	38.06 2.16 -0.55	29.23 1.35 -0.29	25.00 1.30 -0.11	21.65 1.28 -0.02	20.14 0.92 -5.46
ASTORIA_GT4_2 24103	20.06 0.92 -0.01	17.23 0.74 -0.01	16.99 0.78 -0.01	16.89 0.91 0.00	16.87 0.86 0.00	18.46 0.81 -0.01	27.95 1.36 -0.01	34.77 1.62 0.00	33.06 1.68 -0.27	27.34 1.46 -0.30	25.00 1.51 -0.22	24.79 1.73 -0.23	23.02 1.54 -0.14	23.63 1.62 -0.12	23.54 1.59 -0.10	24.51 1.70 -0.13	26.46 1.69 -0.22	33.90 1.77 -0.54	40.79 2.18 -0.33	38.06 2.16 -0.55	29.23 1.35 -0.29	25.00 1.30 -0.11	21.65 1.28 -0.02	20.14 0.92 -5.46
ASTORIA_GT4_3 24104	20.06 0.92 -0.01	17.23 0.74 -0.01	16.99 0.78 -0.01	16.89 0.91 0.00	16.87 0.86 0.00	18.46 0.81 -0.01	27.95 1.36 -0.01	34.77 1.62 0.00	33.06 1.68 -0.27	27.34 1.46 -0.30	25.00 1.51 -0.22	24.79 1.73 -0.23	23.02 1.54 -0.14	23.63 1.62 -0.12	23.54 1.59 -0.10	24.51 1.70 -0.13	26.46 1.69 -0.22	33.90 1.77 -0.54	40.79 2.18 -0.33	38.06 2.16 -0.55	29.23 1.35 -0.29	25.00 1.30 -0.11	21.65 1.28 -0.02	20.14 0.92 -5.46
ASTORIA_GT4_4 24105	20.06 0.92 -0.01	17.23 0.74 -0.01	16.99 0.78 -0.01	16.89 0.91 0.00	16.87 0.86 0.00	18.46 0.81 -0.01	27.95 1.36 -0.01	34.77 1.62 0.00	33.06 1.68 -0.27	27.34 1.46 -0.30	25.00 1.51 -0.22	24.79 1.73 -0.23	23.02 1.54 -0.14	23.63 1.62 -0.12	23.54 1.59 -0.10	24.51 1.70 -0.13	26.46 1.69 -0.22	33.90 1.77 -0.54	40.79 2.18 -0.33	38.06 2.16 -0.55	29.23 1.35 -0.29	25.00 1.30 -0.11	21.65 1.28 -0.02	20.14 0.92 -5.46
ASTORIA_GT_1 23523	19.78 0.65 -0.01	17.14 0.66 -0.01	16.87 0.66 -0.01	16.91 0.93 0.00	16.90 0.90 0.00	18.49 0.85 -0.01	27.99 1.41 0.00	34.83 1.69 0.01	33.11 1.74 -0.26	27.38 1.51 -0.29	25.04 1.56 -0.22	24.84 1.78 -0.23	23.07 1.58 -0.14	23.67 1.66 -0.12	23.58 1.64 -0.10	24.53 1.72 -0.13	26.49 1.72 -0.22	33.92 1.80 -0.53	40.86 2.26 -0.32	37.94 2.05 -0.54	29.28 1.41 -0.28	25.04 1.34 -0.11	21.67 1.30 -0.02	19.96 0.70 -5.50

ASTORIA_GT_10 24110	20.10 0.96 -0.01	17.31 0.82 -0.01	17.09 0.87 -0.01	16.91 0.93 0.00	16.90 0.90 0.00	18.59 0.93 -0.01	28.01 1.38 -0.04	35.03 1.89 0.00	33.28 1.90 -0.27	27.40 1.48 -0.33	25.10 1.56 -0.27	24.86 1.76 -0.28	23.12 1.56 -0.21	23.69 1.62 -0.18	23.60 1.59 -0.16	24.56 1.70 -0.18	26.54 1.74 -0.25	34.08 1.96 -0.54	41.02 2.41 -0.33	38.09 2.19 -0.55	29.40 1.52 -0.29	25.10 1.34 -0.17	21.71 1.26 -0.11	20.17 0.91 -5.50
ASTORIA_GT_11 24225	20.10 0.96 -0.01	17.31 0.82 -0.01	17.09 0.87 -0.01	16.91 0.93 0.00	16.90 0.90 0.00	18.59 0.93 -0.01	28.01 1.38 -0.04	35.03 1.89 0.00	33.28 1.90 -0.27	27.40 1.48 -0.33	25.10 1.56 -0.27	24.86 1.76 -0.28	23.12 1.56 -0.21	23.69 1.62 -0.18	23.60 1.59 -0.16	24.56 1.70 -0.18	26.54 1.74 -0.25	34.08 1.96 -0.54	41.02 2.41 -0.33	38.09 2.19 -0.55	29.40 1.52 -0.29	25.10 1.34 -0.17	21.71 1.26 -0.11	20.17 0.91 -5.50
ASTORIA_GT_12 24226	20.10 0.96 -0.01	17.31 0.82 -0.01	17.09 0.87 -0.01	16.91 0.93 0.00	16.90 0.90 0.00	18.59 0.93 -0.01	28.01 1.38 -0.04	35.03 1.89 0.00	33.28 1.90 -0.27	27.40 1.48 -0.33	25.10 1.56 -0.27	24.86 1.76 -0.28	23.12 1.56 -0.21	23.69 1.62 -0.18	23.60 1.59 -0.16	24.56 1.70 -0.18	26.54 1.74 -0.25	34.08 1.96 -0.54	41.02 2.41 -0.33	38.09 2.19 -0.55	29.40 1.52 -0.29	25.10 1.34 -0.17	21.71 1.26 -0.11	20.17 0.91 -5.50
ASTORIA_GT_13 24227	20.10 0.96 -0.01	17.31 0.82 -0.01	17.09 0.87 -0.01	16.91 0.93 0.00	16.90 0.90 0.00	18.59 0.93 -0.01	28.01 1.38 -0.04	35.03 1.89 0.00	33.28 1.90 -0.27	27.40 1.48 -0.33	25.10 1.56 -0.27	24.86 1.76 -0.28	23.12 1.56 -0.21	23.69 1.62 -0.18	23.60 1.59 -0.16	24.56 1.70 -0.18	26.54 1.74 -0.25	34.08 1.96 -0.54	41.02 2.41 -0.33	38.09 2.19 -0.55	29.40 1.52 -0.29	25.10 1.34 -0.17	21.71 1.26 -0.11	20.17 0.91 -5.50
ASTORIA_GT_5 24106	19.78 0.65 -0.01	17.14 0.66 -0.01	16.87 0.66 -0.01	16.91 0.93 0.00	16.90 0.90 0.00	18.49 0.85 -0.01	27.99 1.41 0.00	34.83 1.69 0.01	33.11 1.74 -0.26	27.38 1.51 -0.29	25.04 1.56 -0.22	24.84 1.78 -0.23	23.07 1.58 -0.14	23.67 1.66 -0.12	23.58 1.64 -0.10	24.53 1.72 -0.13	26.49 1.72 -0.22	33.92 1.80 -0.53	40.86 2.26 -0.32	37.94 2.05 -0.54	29.28 1.41 -0.28	25.04 1.34 -0.11	21.67 1.30 -0.02	19.96 0.70 -5.50
ASTORIA_GT_7 24107	19.78 0.65 -0.01	17.14 0.66 -0.01	16.87 0.66 -0.01	16.91 0.93 0.00	16.90 0.90 0.00	18.49 0.85 -0.01	27.99 1.41 0.00	34.83 1.69 0.01	33.11 1.74 -0.26	27.38 1.51 -0.29	25.04 1.56 -0.22	24.84 1.78 -0.23	23.07 1.58 -0.14	23.67 1.66 -0.12	23.58 1.64 -0.10	24.53 1.72 -0.13	26.49 1.72 -0.22	33.92 1.80 -0.53	40.86 2.26 -0.32	37.94 2.05 -0.54	29.28 1.41 -0.28	25.04 1.34 -0.11	21.67 1.30 -0.02	19.96 0.70 -5.50
ASTORIA_GT_8 24108	20.10 0.96 -0.01	17.25 0.76 -0.01	17.01 0.79 -0.01	16.91 0.93 0.00	16.90 0.90 0.00	18.50 0.85 -0.01	28.00 1.41 -0.01	34.84 1.69 0.00	33.12 1.74 -0.27	27.39 1.51 -0.30	25.04 1.56 -0.22	24.84 1.78 -0.23	23.07 1.58 -0.14	23.67 1.66 -0.12	23.58 1.64 -0.10	24.55 1.75 -0.13	26.51 1.74 -0.22	33.96 1.83 -0.54	40.87 2.26 -0.33	38.13 2.23 -0.55	29.29 1.41 -0.29	25.02 1.32 -0.11	21.69 1.32 -0.02	20.16 0.95 -5.46
ASTORIA___2 24149	19.75 0.61 -0.01	17.12 0.64 -0.01	16.84 0.63 -0.01	16.89 0.91 0.00	16.87 0.86 0.00	18.46 0.81 -0.01	27.94 1.36 0.00	34.76 1.62 0.01	33.05 1.68 -0.26	27.33 1.46 -0.29	25.00 1.51 -0.22	24.79 1.73 -0.23	23.02 1.54 -0.14	23.63 1.62 -0.12	23.54 1.59 -0.10	24.48 1.68 -0.13	26.44 1.67 -0.22	33.85 1.74 -0.53	40.78 2.18 -0.32	37.87 1.98 -0.54	29.22 1.35 -0.28	24.99 1.30 -0.11	21.63 1.26 -0.02	19.93 0.67 -5.50
ASTORIA___3 23516	20.00 0.86 -0.01	17.28 0.79 -0.01	16.99 0.78 -0.01	16.91 0.93 0.00	16.90 0.90 0.00	18.58 0.93 -0.01	28.00 1.38 -0.04	35.03 1.89 0.01	33.28 1.90 -0.27	27.39 1.48 -0.33	25.10 1.56 -0.27	24.86 1.76 -0.28	23.12 1.56 -0.21	23.69 1.62 -0.18	23.60 1.59 -0.16	24.54 1.68 -0.18	26.49 1.69 -0.25	34.09 1.96 -0.54	41.02 2.41 -0.33	37.95 2.05 -0.55	29.42 1.54 -0.28	25.09 1.34 -0.16	21.69 1.24 -0.11	19.99 0.73 -5.51
ASTORIA___4 23517	20.10 0.96 -0.01	17.31 0.82 -0.01	17.09 0.87 -0.01	16.91 0.93 0.00	16.90 0.90 0.00	18.59 0.93 -0.01	28.01 1.38 -0.04	35.03 1.89 0.00	33.28 1.90 -0.27	27.40 1.48 -0.33	25.10 1.56 -0.27	24.86 1.76 -0.28	23.12 1.56 -0.21	23.69 1.62 -0.18	23.60 1.59 -0.16	24.56 1.70 -0.18	26.54 1.74 -0.25	34.08 1.96 -0.54	41.02 2.41 -0.33	38.09 2.19 -0.55	29.40 1.52 -0.29	25.10 1.34 -0.17	21.71 1.26 -0.11	20.17 0.91 -5.50
ASTORIA___5 23518	20.00 0.86 -0.01	17.28 0.79 -0.01	16.99 0.78 -0.01	16.91 0.93 0.00	16.90 0.90 0.00	18.58 0.93 -0.01	28.00 1.38 -0.04	35.03 1.89 0.01	33.28 1.90 -0.27	27.39 1.48 -0.33	25.10 1.56 -0.27	24.86 1.76 -0.28	23.12 1.56 -0.21	23.69 1.62 -0.18	23.60 1.59 -0.16	24.54 1.68 -0.18	26.49 1.69 -0.25	34.09 1.96 -0.54	41.02 2.41 -0.33	37.95 2.05 -0.55	29.42 1.54 -0.28	25.09 1.34 -0.16	21.69 1.24 -0.11	19.99 0.73 -5.51
AST_ENERGY_2_CC3 323677	16.37 1.03 3.79	16.37 0.87 0.98	16.37 0.87 0.71	16.37 0.88 0.49	16.37 0.88 0.51	16.37 1.00 2.27	16.37 1.49 11.70	17.65 2.02 17.52	17.57 2.02 15.56	17.57 1.61 9.62	18.03 1.63 6.87	17.93 1.78 6.68	17.93 1.60 5.02	17.82 1.64 5.71	17.82 1.64 5.67	17.82 1.70 6.55	17.91 1.77 8.41	18.77 2.02 14.84	18.82 2.49 21.94	18.82 2.16 18.69	18.77 1.66 10.48	18.11 1.42 6.90	18.50 1.30 3.15	17.57 0.85 -2.96
AST_ENERGY_2_CC4 323678	16.37 1.03 3.79	16.37 0.87 0.98	16.37 0.87 0.71	16.37 0.88 0.49	16.37 0.88 0.51	16.37 1.00 2.27	16.37 1.49 11.70	17.65 2.02 17.52	17.57 2.02 15.56	17.57 1.61 9.62	18.03 1.63 6.87	17.93 1.78 6.68	17.93 1.60 5.02	17.82 1.64 5.71	17.82 1.64 5.67	17.82 1.70 6.55	17.91 1.77 8.41	18.77 2.02 14.84	18.82 2.49 21.94	18.82 2.16 18.69	18.77 1.66 10.48	18.11 1.42 6.90	18.50 1.30 3.15	17.57 0.85 -2.96
ATHENS_STG_1 23668	19.82 0.69 0.00	17.07 0.59 0.00	16.83 0.63 0.00	16.59 0.61 0.00	16.61 0.61 0.00	18.31 0.67 0.00	27.54 0.96 0.00	34.37 1.23 0.00	32.37 1.18 -0.08	26.62 0.95 -0.09	24.27 0.93 -0.07	23.88 0.98 -0.07	22.28 0.90 -0.04	22.86 0.94 -0.03	22.81 0.94 -0.03	23.69 0.97 -0.04	25.65 1.03 -0.07	33.02 1.26 -0.17	39.91 1.53 -0.10	36.87 1.34 -0.17	28.70 1.02 -0.09	24.49 0.87 -0.03	21.18 0.83 0.00	20.31 0.58 -5.98
ATHENS_STG_2 23670	19.82 0.69 0.00	17.07 0.59 0.00	16.83 0.63 0.00	16.59 0.61 0.00	16.61 0.61 0.00	18.31 0.67 0.00	27.54 0.96 0.00	34.37 1.23 0.00	32.37 1.18 -0.08	26.62 0.95 -0.09	24.27 0.93 -0.07	23.88 0.98 -0.07	22.28 0.90 -0.04	22.86 0.94 -0.03	22.81 0.94 -0.03	23.69 0.97 -0.04	25.65 1.03 -0.07	33.02 1.26 -0.17	39.91 1.53 -0.10	36.87 1.34 -0.17	28.70 1.02 -0.09	24.49 0.87 -0.03	21.18 0.83 0.00	20.31 0.58 -5.98

ATHENS_STG_3 23677	19.82 0.69 0.00	17.07 0.59 0.00	16.83 0.63 0.00	16.59 0.61 0.00	16.61 0.61 0.00	18.31 0.67 0.00	27.54 0.96 0.00	34.37 1.23 0.00	32.37 1.18 -0.08	26.62 0.95 -0.09	24.27 0.93 -0.07	23.88 0.98 -0.07	22.28 0.90 -0.04	22.86 0.94 -0.03	22.81 0.94 -0.03	23.69 0.97 -0.04	25.65 1.03 -0.07	33.02 1.26 -0.17	39.91 1.53 -0.10	36.87 1.34 -0.17	28.70 1.02 -0.09	24.49 0.87 -0.03	21.18 0.83 0.00	20.31 0.58 -5.98
AUBURN____LFGE 323710	19.68 0.55 0.00	16.94 0.46 0.00	16.59 0.39 0.00	16.35 0.37 0.00	16.45 0.45 0.00	18.12 0.48 0.00	27.59 1.01 0.00	34.44 1.29 0.00	32.20 1.09 0.00	26.55 0.97 0.00	24.08 0.81 0.00	23.53 0.71 0.00	22.09 0.75 0.00	22.63 0.74 0.00	22.59 0.74 0.00	23.40 0.73 0.00	25.36 0.81 0.00	32.69 1.11 0.00	39.46 1.19 0.00	36.45 1.10 0.00	28.61 1.02 0.00	24.30 0.71 0.00	20.85 0.51 0.00	15.44 0.29 -1.40
BABYLON_RES_REC 323704	23.38 1.74 -2.52	21.36 1.45 -3.43	18.36 1.46 -0.70	17.41 1.42 -0.01	17.43 1.42 -0.01	19.96 1.64 -0.68	31.68 2.53 -2.57	36.80 2.72 -0.93	34.44 2.74 -0.60	31.09 2.56 -2.96	29.12 2.30 -3.55	28.52 2.42 -3.28	28.41 2.22 -4.84	28.47 2.30 -4.28	28.57 2.29 -4.43	28.69 2.40 -3.62	29.22 2.53 -2.15	36.70 2.75 -2.37	44.66 3.33 -3.06	43.09 3.29 -4.44	33.19 2.48 -3.11	30.11 2.22 -4.30	28.78 2.03 -6.40	25.07 1.35 -9.96
BABYLON__69_KV_BK2 356345	23.63 1.99 -2.52	21.59 1.68 -3.43	18.57 1.67 -0.70	17.60 1.61 0.00	17.62 1.62 0.00	20.17 1.85 -0.68	32.62 2.82 -3.22	39.15 3.05 -2.95	35.49 3.08 -1.30	32.12 2.86 -3.67	30.18 2.61 -4.31	29.42 2.72 -3.88	29.22 2.50 -5.38	29.36 2.58 -4.89	29.60 2.58 -5.17	29.69 2.68 -4.35	30.31 2.87 -2.89	40.63 3.29 -5.76	50.11 3.71 -8.12	49.37 3.78 -10.23	38.84 2.92 -8.33	32.05 2.45 -6.01	30.96 2.34 -8.28	27.04 1.58 -11.71
BALL_HILL_WT_PWR 323825	20.01 0.88 0.00	17.22 0.74 0.00	16.64 0.44 0.00	16.33 0.35 0.00	16.48 0.48 0.00	18.12 0.48 0.00	27.35 0.77 0.00	33.91 0.76 0.00	31.98 0.87 0.00	26.65 1.07 0.00	24.22 0.95 0.00	23.62 0.80 0.00	22.43 1.09 0.00	22.85 0.96 0.00	22.83 0.98 0.00	23.42 0.75 0.00	25.38 0.84 0.00	32.47 0.88 0.00	38.58 0.30 0.00	36.41 1.06 0.00	28.55 0.97 0.00	24.41 0.83 0.00	20.98 0.63 0.00	15.58 0.21 -1.62
BARON_WINDS____WT_PWR 323822	20.03 0.90 0.00	17.23 0.76 0.00	16.75 0.55 0.00	16.46 0.48 0.00	16.61 0.61 0.00	18.27 0.63 0.00	27.65 1.06 0.00	34.37 1.23 0.00	32.29 1.18 0.00	26.76 1.18 0.00	24.29 1.02 0.00	23.72 0.89 0.00	22.39 1.05 0.00	22.88 0.99 0.00	22.85 1.01 0.00	23.53 0.86 0.00	25.50 0.96 0.00	32.76 1.17 0.00	39.24 0.96 0.00	36.66 1.31 0.00	28.78 1.19 0.00	24.55 0.97 0.00	21.08 0.73 0.00	15.99 0.34 -1.90
BARRETT_IC_1 23704	23.12 1.47 -2.52	21.13 1.22 -3.43	18.13 1.23 -0.70	17.20 1.21 -0.01	17.23 1.22 -0.01	19.69 1.38 -0.68	30.82 2.05 -2.19	35.33 2.19 0.00	33.62 2.24 -0.27	30.22 2.07 -2.57	28.32 1.91 -3.15	27.83 2.06 -2.95	27.76 1.86 -4.56	27.74 1.90 -3.95	27.80 1.92 -4.03	27.89 2.00 -3.22	28.36 2.06 -1.75	34.37 2.24 -0.54	41.33 2.72 -0.33	39.33 2.65 -1.32	29.90 2.01 -0.30	28.76 1.79 -3.39	27.47 1.73 -5.39	23.92 1.16 -9.01
BARRETT_IC_10 23701	23.12 1.47 -2.52	21.13 1.22 -3.43	18.13 1.23 -0.70	17.20 1.21 -0.01	17.23 1.22 -0.01	19.69 1.38 -0.68	30.82 2.05 -2.19	35.33 2.19 0.00	33.62 2.24 -0.27	30.22 2.07 -2.57	28.32 1.91 -3.15	27.83 2.06 -2.95	27.76 1.86 -4.56	27.74 1.90 -3.95	27.80 1.92 -4.03	27.89 2.00 -3.22	28.36 2.06 -1.75	34.37 2.24 -0.54	41.33 2.72 -0.33	39.33 2.65 -1.32	29.90 2.01 -0.30	28.76 1.79 -3.39	27.47 1.73 -5.39	23.92 1.16 -9.01
BARRETT_IC_11 23702	23.12 1.47 -2.52	21.13 1.22 -3.43	18.13 1.23 -0.70	17.20 1.21 -0.01	17.23 1.22 -0.01	19.69 1.38 -0.68	30.82 2.05 -2.19	35.33 2.19 0.00	33.62 2.24 -0.27	30.22 2.07 -2.57	28.32 1.91 -3.15	27.83 2.06 -2.95	27.76 1.86 -4.56	27.74 1.90 -3.95	27.80 1.92 -4.03	27.89 2.00 -3.22	28.36 2.06 -1.75	34.37 2.24 -0.54	41.33 2.72 -0.33	39.33 2.65 -1.32	29.90 2.01 -0.30	28.76 1.79 -3.39	27.47 1.73 -5.39	23.92 1.16 -9.01
BARRETT_IC_12 23703	23.12 1.47 -2.52	21.13 1.22 -3.43	18.13 1.23 -0.70	17.20 1.21 -0.01	17.23 1.22 -0.01	19.69 1.38 -0.68	30.82 2.05 -2.19	35.33 2.19 0.00	33.62 2.24 -0.27	30.22 2.07 -2.57	28.32 1.91 -3.15	27.83 2.06 -2.95	27.76 1.86 -4.56	27.74 1.90 -3.95	27.80 1.92 -4.03	27.89 2.00 -3.22	28.36 2.06 -1.75	34.37 2.24 -0.54	41.33 2.72 -0.33	39.33 2.65 -1.32	29.90 2.01 -0.30	28.76 1.79 -3.39	27.47 1.73 -5.39	23.92 1.16 -9.01
BARRETT_IC_2 23705	23.12 1.47 -2.52	21.13 1.22 -3.43	18.13 1.23 -0.70	17.20 1.21 -0.01	17.23 1.22 -0.01	19.69 1.38 -0.68	30.82 2.05 -2.19	35.33 2.19 0.00	33.62 2.24 -0.27	30.22 2.07 -2.57	28.32 1.91 -3.15	27.83 2.06 -2.95	27.76 1.86 -4.56	27.74 1.90 -3.95	27.80 1.92 -4.03	27.89 2.00 -3.22	28.36 2.06 -1.75	34.37 2.24 -0.54	41.33 2.72 -0.33	39.33 2.65 -1.32	29.90 2.01 -0.30	28.76 1.79 -3.39	27.47 1.73 -5.39	23.92 1.16 -9.01
BARRETT_IC_3 23706	23.12 1.47 -2.52	21.13 1.22 -3.43	18.13 1.23 -0.70	17.20 1.21 -0.01	17.23 1.22 -0.01	19.69 1.38 -0.68	30.82 2.05 -2.19	35.33 2.19 0.00	33.62 2.24 -0.27	30.22 2.07 -2.57	28.32 1.91 -3.15	27.83 2.06 -2.95	27.76 1.86 -4.56	27.74 1.90 -3.95	27.80 1.92 -4.03	27.89 2.00 -3.22	28.36 2.06 -1.75	34.37 2.24 -0.54	41.33 2.72 -0.33	39.33 2.65 -1.32	29.90 2.01 -0.30	28.76 1.79 -3.39	27.47 1.73 -5.39	23.92 1.16 -9.01
BARRETT_IC_4 23707	23.12 1.47 -2.52	21.13 1.22 -3.43	18.13 1.23 -0.70	17.20 1.21 -0.01	17.23 1.22 -0.01	19.69 1.38 -0.68	30.82 2.05 -2.19	35.33 2.19 0.00	33.62 2.24 -0.27	30.22 2.07 -2.57	28.32 1.91 -3.15	27.83 2.06 -2.95	27.76 1.86 -4.56	27.74 1.90 -3.95	27.80 1.92 -4.03	27.89 2.00 -3.22	28.36 2.06 -1.75	34.37 2.24 -0.54	41.33 2.72 -0.33	39.33 2.65 -1.32	29.90 2.01 -0.30	28.76 1.79 -3.39	27.47 1.73 -5.39	23.92 1.16 -9.01
BARRETT_IC_5 23708	23.12 1.47 -2.52	21.13 1.22 -3.43	18.13 1.23 -0.70	17.20 1.21 -0.01	17.23 1.22 -0.01	19.69 1.38 -0.68	30.82 2.05 -2.19	35.33 2.19 0.00	33.62 2.24 -0.27	30.22 2.07 -2.57	28.32 1.91 -3.15	27.83 2.06 -2.95	27.76 1.86 -4.56	27.74 1.90 -3.95	27.80 1.92 -4.03	27.89 2.00 -3.22	28.36 2.06 -1.75	34.37 2.24 -0.54	41.33 2.72 -0.33	39.33 2.65 -1.32	29.90 2.01 -0.30	28.76 1.79 -3.39	27.47 1.73 -5.39	23.92 1.16 -9.01
BARRETT_IC_6 23709	23.12 1.47 -2.52	21.13 1.22 -3.43	18.13 1.23 -0.70	17.20 1.21 -0.01	17.23 1.22 -0.01	19.69 1.38 -0.68	30.82 2.05 -2.19	35.33 2.19 0.00	33.62 2.24 -0.27	30.22 2.07 -2.57	28.32 1.91 -3.15	27.83 2.06 -2.95	27.76 1.86 -4.56	27.74 1.90 -3.95	27.80 1.92 -4.03	27.89 2.00 -3.22	28.36 2.06 -1.75	34.37 2.24 -0.54	41.33 2.72 -0.33	39.33 2.65 -1.32	29.90 2.01 -0.30	28.76 1.79 -3.39	27.47 1.73 -5.39	23.92 1.16 -9.01

BARRETT_IC_7 23710	23.12 1.47 -2.52	21.14 1.24 -3.43	18.15 1.25 -0.70	17.20 1.21 0.00	17.22 1.22 0.00	19.69 1.38 -0.68	30.82 2.05 -2.19	35.33 2.19 0.00	33.62 2.24 -0.27	30.22 2.07 -2.57	28.32 1.91 -3.15	27.83 2.05 -2.95	27.76 1.86 -4.56	27.74 1.90 -3.95	27.80 1.92 -4.03	27.91 2.02 -3.22	28.38 2.09 -1.75	34.43 2.31 -0.54	41.33 2.72 -0.33	39.47 2.79 -1.32	29.89 2.01 -0.29	28.74 1.77 -3.39	27.49 1.75 -5.39	23.94 1.21 -8.97
BARRETT_IC_8 23711	23.12 1.47 -2.52	21.13 1.22 -3.43	18.13 1.23 -0.70	17.20 1.21 -0.01	17.23 1.22 -0.01	19.69 1.38 -0.68	30.82 2.05 -2.19	35.33 2.19 0.00	33.62 2.24 -0.27	30.22 2.07 -2.57	28.32 1.91 -3.15	27.83 2.06 -2.95	27.76 1.86 -4.56	27.74 1.90 -3.95	27.80 1.92 -4.03	27.89 2.00 -3.22	28.36 2.06 -1.75	34.37 2.24 -0.54	41.33 2.72 -0.33	39.33 2.65 -1.32	29.90 2.01 -0.30	28.76 1.79 -3.39	27.47 1.73 -5.39	23.92 1.16 -9.01
BARRETT_IC_9 23700	23.12 1.47 -2.52	21.13 1.22 -3.43	18.13 1.23 -0.70	17.20 1.21 -0.01	17.23 1.22 -0.01	19.69 1.38 -0.68	30.82 2.05 -2.19	35.33 2.19 0.00	33.62 2.24 -0.27	30.22 2.07 -2.57	28.32 1.91 -3.15	27.83 2.06 -2.95	27.76 1.86 -4.56	27.74 1.90 -3.95	27.80 1.92 -4.03	27.89 2.00 -3.22	28.36 2.06 -1.75	34.37 2.24 -0.54	41.33 2.72 -0.33	39.33 2.65 -1.32	29.90 2.01 -0.30	28.76 1.79 -3.39	27.47 1.73 -5.39	23.92 1.16 -9.01
BARRETT___1 23545	23.12 1.47 -2.52	21.13 1.22 -3.43	18.13 1.23 -0.70	17.20 1.21 -0.01	17.23 1.22 -0.01	19.69 1.38 -0.68	30.82 2.05 -2.19	35.33 2.19 0.00	33.62 2.24 -0.27	30.22 2.07 -2.57	28.32 1.91 -3.15	27.83 2.06 -2.95	27.76 1.86 -4.56	27.74 1.90 -3.95	27.80 1.92 -4.03	27.89 2.00 -3.22	28.36 2.06 -1.75	34.37 2.24 -0.54	41.33 2.72 -0.33	39.33 2.65 -1.32	29.90 2.01 -0.30	28.76 1.79 -3.39	27.47 1.73 -5.39	23.92 1.16 -9.01
BARRETT___2 23546	23.12 1.47 -2.52	21.13 1.22 -3.43	18.13 1.23 -0.70	17.20 1.21 -0.01	17.23 1.22 -0.01	19.69 1.38 -0.68	30.82 2.05 -2.19	35.33 2.19 0.00	33.62 2.24 -0.27	30.22 2.07 -2.57	28.32 1.91 -3.15	27.83 2.06 -2.95	27.76 1.86 -4.56	27.74 1.90 -3.95	27.80 1.92 -4.03	27.89 2.00 -3.22	28.36 2.06 -1.75	34.37 2.24 -0.54	41.33 2.72 -0.33	39.33 2.65 -1.32	29.90 2.01 -0.30	28.76 1.79 -3.39	27.47 1.73 -5.39	23.92 1.16 -9.01
BATAVIA___115KV_TB1 55881	19.87 0.75 0.00	17.08 0.61 0.00	16.50 0.29 0.00	16.32 0.34 0.00	16.43 0.43 0.00	18.12 0.48 0.00	27.27 0.69 0.00	33.77 0.63 0.00	31.86 0.75 0.00	26.47 0.90 0.00	23.97 0.70 0.00	23.35 0.52 0.00	22.16 0.81 0.00	22.61 0.72 0.00	22.59 0.74 0.00	23.17 0.50 0.00	25.09 0.54 0.00	32.19 0.60 0.00	38.47 0.19 0.00	35.57 0.21 0.00	28.45 0.86 0.00	24.41 0.83 0.00	20.92 0.57 0.00	15.51 0.29 -1.47
BAYONEEC___CTG1 323682	20.21 1.07 -0.01	17.39 0.91 -0.01	17.12 0.91 -0.01	16.88 0.89 0.00	16.91 0.91 0.00	18.69 1.04 -0.01	28.17 1.54 -0.04	35.23 2.09 0.00	33.46 2.08 -0.27	27.55 1.64 -0.33	25.22 1.68 -0.27	24.93 1.83 -0.28	23.18 1.62 -0.21	23.76 1.69 -0.18	23.69 1.68 -0.16	24.58 1.72 -0.18	26.59 1.79 -0.25	34.18 2.05 -0.54	41.13 2.53 -0.33	38.09 2.19 -0.55	29.56 1.68 -0.29	25.24 1.49 -0.17	21.79 1.34 -0.10	20.14 0.88 -5.51
BAYONEEC___CTG10 323750	20.21 1.07 -0.01	17.39 0.91 -0.01	17.12 0.91 -0.01	16.88 0.89 0.00	16.91 0.91 0.00	18.69 1.04 -0.01	28.17 1.54 -0.04	35.23 2.09 0.00	33.46 2.08 -0.27	27.55 1.64 -0.33	25.22 1.68 -0.27	24.93 1.83 -0.28	23.18 1.62 -0.21	23.76 1.69 -0.18	23.69 1.68 -0.16	24.58 1.72 -0.18	26.59 1.79 -0.25	34.18 2.05 -0.54	41.13 2.53 -0.33	38.09 2.19 -0.55	29.56 1.68 -0.29	25.24 1.49 -0.17	21.79 1.34 -0.10	20.14 0.88 -5.51
BAYONEEC___CTG2 323683	20.21 1.07 -0.01	17.39 0.91 -0.01	17.12 0.91 -0.01	16.88 0.89 0.00	16.91 0.91 0.00	18.69 1.04 -0.01	28.17 1.54 -0.04	35.23 2.09 0.00	33.46 2.08 -0.27	27.55 1.64 -0.33	25.22 1.68 -0.27	24.93 1.83 -0.28	23.18 1.62 -0.21	23.76 1.69 -0.18	23.69 1.68 -0.16	24.58 1.72 -0.18	26.59 1.79 -0.25	34.18 2.05 -0.54	41.13 2.53 -0.33	38.09 2.19 -0.55	29.56 1.68 -0.29	25.24 1.49 -0.17	21.79 1.34 -0.10	20.14 0.88 -5.51
BAYONEEC___CTG3 323684	20.21 1.07 -0.01	17.39 0.91 -0.01	17.12 0.91 -0.01	16.88 0.89 0.00	16.91 0.91 0.00	18.69 1.04 -0.01	28.17 1.54 -0.04	35.23 2.09 0.00	33.46 2.08 -0.27	27.55 1.64 -0.33	25.22 1.68 -0.27	24.93 1.83 -0.28	23.18 1.62 -0.21	23.76 1.69 -0.18	23.69 1.68 -0.16	24.58 1.72 -0.18	26.59 1.79 -0.25	34.18 2.05 -0.54	41.13 2.53 -0.33	38.09 2.19 -0.55	29.56 1.68 -0.29	25.24 1.49 -0.17	21.79 1.34 -0.10	20.14 0.88 -5.51
BAYONEEC___CTG4 323685	20.21 1.07 -0.01	17.39 0.91 -0.01	17.12 0.91 -0.01	16.88 0.89 0.00	16.91 0.91 0.00	18.69 1.04 -0.01	28.17 1.54 -0.04	35.23 2.09 0.00	33.46 2.08 -0.27	27.55 1.64 -0.33	25.22 1.68 -0.27	24.93 1.83 -0.28	23.18 1.62 -0.21	23.76 1.69 -0.18	23.69 1.68 -0.16	24.58 1.72 -0.18	26.59 1.79 -0.25	34.18 2.05 -0.54	41.13 2.53 -0.33	38.09 2.19 -0.55	29.56 1.68 -0.29	25.24 1.49 -0.17	21.79 1.34 -0.10	20.14 0.88 -5.51
BAYONEEC___CTG5 323686	20.21 1.07 -0.01	17.39 0.91 -0.01	17.12 0.91 -0.01	16.88 0.89 0.00	16.91 0.91 0.00	18.69 1.04 -0.01	28.17 1.54 -0.04	35.23 2.09 0.00	33.46 2.08 -0.27	27.55 1.64 -0.33	25.22 1.68 -0.27	24.93 1.83 -0.28	23.18 1.62 -0.21	23.76 1.69 -0.18	23.69 1.68 -0.16	24.58 1.72 -0.18	26.59 1.79 -0.25	34.18 2.05 -0.54	41.13 2.53 -0.33	38.09 2.19 -0.55	29.56 1.68 -0.29	25.24 1.49 -0.17	21.79 1.34 -0.10	20.14 0.88 -5.51
BAYONEEC___CTG6 323687	20.21 1.07 -0.01	17.39 0.91 -0.01	17.12 0.91 -0.01	16.88 0.89 0.00	16.91 0.91 0.00	18.69 1.04 -0.01	28.17 1.54 -0.04	35.23 2.09 0.00	33.46 2.08 -0.27	27.55 1.64 -0.33	25.22 1.68 -0.27	24.93 1.83 -0.28	23.18 1.62 -0.21	23.76 1.69 -0.18	23.69 1.68 -0.16	24.58 1.72 -0.18	26.59 1.79 -0.25	34.18 2.05 -0.54	41.13 2.53 -0.33	38.09 2.19 -0.55	29.56 1.68 -0.29	25.24 1.49 -0.17	21.79 1.34 -0.10	20.14 0.88 -5.51
BAYONEEC___CTG7 323688	20.21 1.07 -0.01	17.39 0.91 -0.01	17.12 0.91 -0.01	16.88 0.89 0.00	16.91 0.91 0.00	18.69 1.04 -0.01	28.17 1.54 -0.04	35.23 2.09 0.00	33.46 2.08 -0.27	27.55 1.64 -0.33	25.22 1.68 -0.27	24.93 1.83 -0.28	23.18 1.62 -0.21	23.76 1.69 -0.18	23.69 1.68 -0.16	24.58 1.72 -0.18	26.59 1.79 -0.25	34.18 2.05 -0.54	41.13 2.53 -0.33	38.09 2.19 -0.55	29.56 1.68 -0.29	25.24 1.49 -0.17	21.79 1.34 -0.10	20.14 0.88 -5.51
BAYONEEC___CTG8 323689	20.21 1.07 -0.01	17.39 0.91 -0.01	17.12 0.91 -0.01	16.88 0.89 0.00	16.91 0.91 0.00	18.69 1.04 -0.01	28.17 1.54 -0.04	35.23 2.09 0.00	33.46 2.08 -0.27	27.55 1.64 -0.33	25.22 1.68 -0.27	24.93 1.83 -0.28	23.18 1.62 -0.21	23.76 1.69 -0.18	23.69 1.68 -0.16	24.58 1.72 -0.18	26.59 1.79 -0.25	34.18 2.05 -0.54	41.13 2.53 -0.33	38.09 2.19 -0.55	29.56 1.68 -0.29	25.24 1.49 -0.17	21.79 1.34 -0.10	20.14 0.88 -5.51

BAYONEEC___CTG9 323749	20.21 1.07 -0.01	17.39 0.91 -0.01	17.12 0.91 -0.01	16.88 0.89 0.00	16.91 0.91 0.00	18.69 1.04 -0.01	28.17 1.54 -0.04	35.23 2.09 0.00	33.46 2.08 -0.27	27.55 1.64 -0.33	25.22 1.68 -0.27	24.93 1.83 -0.28	23.18 1.62 -0.21	23.76 1.69 -0.18	23.69 1.68 -0.16	24.58 1.72 -0.18	26.59 1.79 -0.25	34.18 2.05 -0.54	41.13 2.53 -0.33	38.09 2.19 -0.55	29.56 1.68 -0.29	25.24 1.49 -0.17	21.79 1.34 -0.10	20.14 0.88 -5.51
BEACON___LESR 323632	19.62 0.50 0.00	17.00 0.53 0.00	16.77 0.57 0.00	16.59 0.61 0.00	16.60 0.59 0.00	18.27 0.63 0.00	27.57 0.98 0.00	34.27 1.13 0.00	31.88 1.06 0.29	26.09 0.82 0.31	23.80 0.77 0.23	23.31 0.73 0.24	21.83 0.62 0.13	22.48 0.70 0.11	22.46 0.70 0.09	23.31 0.77 0.13	25.13 0.81 0.23	32.17 1.14 0.56	39.47 1.53 0.34	36.10 1.31 0.57	28.25 0.97 0.30	24.23 0.75 0.11	21.08 0.73 0.00	20.76 0.44 -6.57
BEAVER RIVER___HYD 24048	19.07 -0.06 0.00	16.39 -0.08 0.00	16.14 -0.06 0.00	15.92 -0.06 0.00	15.89 -0.11 0.00	17.57 -0.07 0.00	26.82 0.24 0.00	33.54 0.40 0.00	31.23 0.12 0.00	25.45 -0.13 0.00	23.01 -0.26 0.00	22.51 -0.32 0.00	21.00 -0.34 0.00	21.52 -0.37 0.00	21.47 -0.37 0.00	22.33 -0.34 0.00	24.25 -0.29 0.00	31.43 -0.16 0.00	38.32 0.04 0.00	35.46 0.11 0.00	27.67 0.08 0.00	23.71 0.12 0.00	20.35 0.00 0.00	14.13 -0.07 -0.45
BEEBEE_GT_13 23619	19.51 0.38 0.00	16.77 0.30 0.00	16.35 0.15 0.00	16.13 0.14 0.00	16.19 0.19 0.00	17.85 0.21 0.00	27.01 0.43 0.00	33.58 0.43 0.00	31.61 0.50 0.00	26.19 0.61 0.00	23.73 0.47 0.00	23.19 0.37 0.00	21.88 0.53 0.00	22.37 0.48 0.00	22.30 0.46 0.00	22.99 0.32 0.00	24.92 0.37 0.00	32.00 0.41 0.00	38.43 0.15 0.00	35.53 0.18 0.00	28.11 0.52 0.00	24.04 0.45 0.00	20.63 0.28 0.00	15.27 0.18 -1.33
BENSHRST_27_KV_BENSHRST_1 355998	20.27 1.13 -0.01	17.43 0.94 -0.01	17.19 0.97 -0.01	17.00 1.02 0.00	16.99 0.99 0.00	18.71 1.06 -0.01	28.25 1.62 -0.04	35.30 2.15 0.00	33.49 2.12 -0.27	27.55 1.64 -0.33	25.26 1.72 -0.27	25.02 1.92 -0.28	23.27 1.71 -0.21	23.85 1.77 -0.18	23.78 1.77 -0.16	24.74 1.88 -0.18	26.74 1.94 -0.25	34.40 2.27 -0.54	41.44 2.83 -0.33	38.48 2.58 -0.55	29.73 1.85 -0.29	25.29 1.53 -0.17	21.90 1.44 -0.11	20.29 1.03 -5.50
BETHLEHEM___GRP 23843	19.28 0.15 0.00	16.74 0.26 0.00	16.51 0.31 0.00	16.35 0.37 0.00	16.35 0.35 0.00	17.96 0.32 0.00	27.06 0.48 0.00	33.58 0.43 0.00	31.23 0.40 0.28	25.58 0.31 0.30	23.37 0.33 0.23	22.91 0.32 0.24	21.47 0.26 0.13	22.11 0.33 0.11	22.09 0.33 0.09	22.93 0.39 0.13	24.72 0.39 0.22	31.58 0.54 0.54	38.67 0.73 0.33	35.47 0.67 0.55	27.71 0.41 0.29	23.77 0.28 0.10	20.73 0.39 0.00	20.52 0.19 -6.58
BETHLEHEM___GS1 323560	19.28 0.15 0.00	16.72 0.25 0.00	16.51 0.31 0.00	16.35 0.37 0.00	16.35 0.35 0.00	17.96 0.32 0.00	27.06 0.48 0.00	33.57 0.43 0.00	31.23 0.40 0.28	25.58 0.31 0.30	23.37 0.33 0.23	22.91 0.32 0.24	21.47 0.26 0.13	22.11 0.33 0.11	22.09 0.33 0.09	22.90 0.36 0.13	24.69 0.37 0.22	31.55 0.50 0.54	38.67 0.73 0.33	35.37 0.56 0.55	27.71 0.41 0.29	23.79 0.31 0.10	20.71 0.37 0.00	20.54 0.21 -6.58
BETHLEHEM___GS2 323561	19.28 0.15 0.00	16.72 0.25 0.00	16.51 0.31 0.00	16.35 0.37 0.00	16.35 0.35 0.00	17.96 0.32 0.00	27.06 0.48 0.00	33.57 0.43 0.00	31.23 0.40 0.28	25.58 0.31 0.30	23.37 0.33 0.23	22.91 0.32 0.24	21.47 0.26 0.13	22.11 0.33 0.11	22.09 0.33 0.09	22.90 0.36 0.13	24.69 0.37 0.22	31.55 0.50 0.54	38.67 0.73 0.33	35.37 0.56 0.55	27.71 0.41 0.29	23.79 0.31 0.10	20.71 0.37 0.00	20.54 0.21 -6.58
BETHLEHEM___GS3 323562	19.28 0.15 0.00	16.72 0.25 0.00	16.51 0.31 0.00	16.35 0.37 0.00	16.35 0.35 0.00	17.96 0.32 0.00	27.06 0.48 0.00	33.57 0.43 0.00	31.23 0.40 0.28	25.58 0.31 0.30	23.37 0.33 0.23	22.91 0.32 0.24	21.47 0.26 0.13	22.11 0.33 0.11	22.09 0.33 0.09	22.90 0.36 0.13	24.69 0.37 0.22	31.55 0.50 0.54	38.67 0.73 0.33	35.37 0.56 0.55	27.71 0.41 0.29	23.79 0.31 0.10	20.71 0.37 0.00	20.54 0.21 -6.58
BETHLEHEM___STEEL 23779	19.87 0.75 0.00	17.07 0.59 0.00	16.51 0.31 0.00	16.27 0.29 0.00	16.42 0.42 0.00	18.05 0.41 0.00	27.19 0.61 0.00	33.64 0.50 0.00	31.79 0.68 0.00	26.47 0.90 0.00	24.06 0.79 0.00	23.49 0.66 0.00	22.31 0.96 0.00	22.72 0.83 0.00	22.70 0.85 0.00	23.26 0.59 0.00	25.09 0.54 0.00	32.19 0.60 0.00	38.24 -0.04 0.00	35.35 0.00 0.00	28.39 0.80 0.00	24.32 0.73 0.00	20.92 0.57 0.00	15.45 0.10 -1.60
BETHLHEM_115KV_TB1 79974	19.38 0.25 0.00	16.79 0.31 0.00	16.58 0.37 0.00	16.40 0.42 0.00	16.39 0.38 0.00	18.03 0.39 0.00	27.14 0.56 0.00	33.71 0.56 0.00	31.40 0.56 0.26	25.70 0.41 0.28	23.47 0.42 0.21	23.04 0.43 0.22	21.59 0.36 0.12	22.20 0.42 0.10	22.18 0.42 0.08	23.03 0.48 0.12	24.83 0.49 0.21	31.75 0.66 0.51	38.81 0.84 0.31	35.62 0.78 0.52	27.84 0.52 0.27	23.87 0.38 0.10	20.81 0.47 0.00	20.58 0.25 -6.57
BETHPAGE_CC_5 323564	23.31 1.66 -2.52	21.29 1.38 -3.43	18.30 1.39 -0.70	17.35 1.36 -0.01	17.37 1.36 -0.01	19.87 1.55 -0.68	31.27 2.34 -2.35	35.95 2.55 -0.25	34.05 2.58 -0.36	30.69 2.38 -2.74	28.77 2.19 -3.32	28.22 2.30 -3.09	28.14 2.11 -4.68	28.15 2.17 -4.09	28.21 2.16 -4.20	28.33 2.27 -3.39	28.80 2.33 -1.92	35.51 2.59 -1.33	42.89 3.10 -1.51	41.07 3.04 -2.68	31.37 2.26 -1.52	29.40 2.03 -3.78	28.09 1.91 -5.83	24.44 1.26 -9.42
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	19.93 0.80 0.00	17.12 0.64 0.00	16.56 0.36 0.00	16.32 0.34 0.00	16.47 0.46 0.00	18.10 0.46 0.00	27.30 0.72 0.00	33.81 0.66 0.00	31.92 0.81 0.00	26.58 1.00 0.00	24.15 0.88 0.00	23.58 0.75 0.00	22.37 1.02 0.00	22.81 0.92 0.00	22.79 0.94 0.00	23.35 0.68 0.00	25.19 0.64 0.00	32.32 0.73 0.00	38.43 0.15 0.00	35.53 0.18 0.00	28.50 0.91 0.00	24.41 0.83 0.00	20.98 0.63 0.00	15.43 0.07 -1.61
BINGHAMTON___COGEN 23790	19.84 0.71 0.00	17.05 0.58 0.00	16.69 0.49 0.00	16.45 0.46 0.00	16.53 0.53 0.00	18.20 0.56 0.00	27.51 0.93 0.00	34.31 1.16 0.00	32.17 1.06 0.00	26.55 0.97 0.00	24.10 0.84 0.00	23.60 0.78 0.00	22.16 0.81 0.00	22.70 0.81 0.00	22.65 0.81 0.00	23.44 0.77 0.00	25.36 0.81 0.00	32.66 1.07 0.00	39.39 1.11 0.00	36.41 1.06 0.00	28.58 0.99 0.00	24.44 0.85 0.00	21.02 0.67 0.00	16.55 0.36 -2.44
BIXINCNT_115KV_LOAD 355685	20.18 1.05 0.00	17.32 0.84 0.00	16.74 0.53 0.00	16.49 0.51 0.00	16.67 0.67 0.00	18.34 0.71 0.00	27.73 1.14 0.00	34.44 1.29 0.00	32.42 1.31 0.00	26.99 1.41 0.00	24.52 1.26 0.00	23.90 1.07 0.00	22.63 1.28 0.00	23.05 1.16 0.00	23.00 1.16 0.00	23.60 0.93 0.00	25.48 0.93 0.00	32.82 1.23 0.00	39.16 0.88 0.00	36.17 0.81 0.00	28.91 1.32 0.00	24.72 1.13 0.00	21.14 0.79 0.00	15.39 -0.01 -1.65

BLACK RIVER___HYD 24047	19.21 0.08 0.00	16.51 0.03 0.00	16.24 0.03 0.00	16.00 0.02 0.00	15.99 -0.02 0.00	17.69 0.05 0.00	27.06 0.48 0.00	33.84 0.70 0.00	31.39 0.28 0.00	25.58 0.00 0.00	23.13 -0.14 0.00	22.62 -0.21 0.00	21.13 -0.21 0.00	21.67 -0.22 0.00	21.61 -0.24 0.00	22.47 -0.20 0.00	24.45 -0.10 0.00	31.72 0.13 0.00	38.70 0.42 0.00	35.85 0.49 0.00	27.98 0.39 0.00	23.89 0.31 0.00	20.47 0.12 0.00	14.41 0.01 -0.64
BLACKRVR_115KV_TB2 79977	19.20 0.08 0.00	16.49 0.02 0.00	16.22 0.02 0.00	16.00 0.02 0.00	15.99 -0.02 0.00	17.69 0.05 0.00	27.06 0.48 0.00	33.84 0.70 0.00	31.39 0.28 0.00	25.58 0.00 0.00	23.13 -0.14 0.00	22.62 -0.21 0.00	21.13 -0.21 0.00	21.67 -0.22 0.00	21.61 -0.24 0.00	22.47 -0.20 0.00	24.45 -0.10 0.00	31.72 0.13 0.00	38.70 0.42 0.00	35.81 0.46 0.00	27.98 0.39 0.00	23.94 0.35 0.00	20.47 0.12 0.00	14.41 0.01 -0.64
BLISS_WT_PWR 323608	20.20 1.07 0.00	17.36 0.89 0.00	16.79 0.58 0.00	16.49 0.51 0.00	16.67 0.67 0.00	18.35 0.71 0.00	27.78 1.20 0.00	34.47 1.33 0.00	32.48 1.37 0.00	27.01 1.43 0.00	24.55 1.28 0.00	23.92 1.10 0.00	22.67 1.32 0.00	23.05 1.16 0.00	23.02 1.18 0.00	23.62 0.95 0.00	25.65 1.11 0.00	32.92 1.33 0.00	39.20 0.92 0.00	36.91 1.55 0.00	28.94 1.35 0.00	24.70 1.11 0.00	21.12 0.77 0.00	15.64 0.23 -1.65
BLUESTONE___WT_PWR 323821	20.58 1.45 0.00	17.68 1.20 0.00	17.35 1.15 0.00	17.08 1.10 0.00	17.11 1.10 0.00	18.89 1.25 0.00	28.92 2.34 0.00	36.26 3.11 0.00	33.75 2.64 0.00	27.60 2.02 0.00	25.03 1.77 0.00	24.47 1.64 0.00	22.95 1.60 0.00	23.47 1.58 0.00	23.35 1.51 0.00	24.28 1.61 0.00	26.41 1.86 0.00	34.18 2.59 0.00	41.42 3.14 0.00	38.39 3.04 0.00	29.99 2.40 0.00	25.52 1.93 0.00	21.85 1.51 0.00	17.35 0.91 -2.69
BLUE_CIRC_CHEM_DRP 24182	19.70 0.57 0.00	17.02 0.54 0.00	16.80 0.60 0.00	16.57 0.59 0.00	16.59 0.59 0.00	18.26 0.62 0.00	27.51 0.93 0.00	34.21 1.06 0.00	31.96 1.03 0.17	26.18 0.79 0.19	23.87 0.74 0.14	23.43 0.75 0.15	21.93 0.66 0.08	22.54 0.72 0.07	22.53 0.74 0.05	23.39 0.79 0.08	25.27 0.86 0.14	32.39 1.14 0.34	39.49 1.42 0.21	36.32 1.31 0.35	28.37 0.97 0.18	24.30 0.78 0.07	21.10 0.75 0.00	20.69 0.45 -6.48
BOC_GAS_DRP 24189	19.64 0.52 0.00	16.95 0.48 0.00	16.72 0.52 0.00	16.49 0.51 0.00	16.51 0.51 0.00	18.19 0.55 0.00	27.35 0.77 0.00	34.07 0.93 0.00	31.85 0.90 0.16	26.10 0.69 0.17	23.84 0.70 0.13	23.42 0.73 0.13	21.91 0.64 0.07	22.51 0.68 0.06	22.50 0.70 0.05	23.35 0.75 0.07	25.20 0.79 0.13	32.25 0.98 0.32	39.27 1.19 0.19	36.16 1.13 0.32	28.22 0.80 0.17	24.19 0.66 0.06	21.00 0.65 0.00	20.76 0.44 -6.56
BOONVILLE_115KV_TB1 79983	19.45 0.33 0.00	16.72 0.25 0.00	16.46 0.26 0.00	16.24 0.26 0.00	16.23 0.22 0.00	17.92 0.28 0.00	27.22 0.64 0.00	34.04 0.89 0.00	31.76 0.65 0.00	25.96 0.38 0.00	23.55 0.28 0.00	23.05 0.23 0.00	21.54 0.19 0.00	22.07 0.18 0.00	22.02 0.17 0.00	22.90 0.23 0.00	24.87 0.32 0.00	32.16 0.57 0.00	39.12 0.84 0.00	36.17 0.81 0.00	28.22 0.63 0.00	24.18 0.59 0.00	20.73 0.39 0.00	14.32 0.21 -0.36
BORALEX_4TH_BRANCH 23824	19.97 0.84 0.00	17.22 0.74 0.00	17.01 0.81 0.00	16.77 0.78 0.00	16.80 0.80 0.00	18.57 0.93 0.00	27.86 1.28 0.00	34.80 1.66 0.00	31.87 1.52 0.76	25.84 1.07 0.82	23.66 1.00 0.61	23.24 1.05 0.63	21.92 0.92 0.35	22.57 0.99 0.30	22.62 1.00 0.23	23.43 1.11 0.35	25.10 1.18 0.62	31.70 1.61 1.50	39.31 1.95 0.92	35.66 1.84 1.53	28.07 1.30 0.81	24.34 1.04 0.29	21.34 1.00 0.00	20.90 0.65 -6.49
BOWLINE___1 23526	20.12 0.99 0.00	17.31 0.84 0.00	17.01 0.81 0.00	16.77 0.78 0.00	16.79 0.78 0.00	18.54 0.90 0.00	27.94 1.36 0.00	35.00 1.86 0.00	33.07 1.74 -0.22	27.27 1.46 -0.23	24.86 1.42 -0.17	24.51 1.51 -0.18	22.81 1.37 -0.10	23.40 1.42 -0.09	23.33 1.42 -0.07	24.25 1.47 -0.10	26.25 1.52 -0.18	33.89 1.86 -0.43	40.88 2.34 -0.27	37.81 2.01 -0.44	29.37 1.54 -0.24	25.02 1.34 -0.08	21.57 1.22 0.00	19.54 0.80 -4.99
BOWLINE___2 23595	20.12 0.99 0.00	17.31 0.84 0.00	17.01 0.81 0.00	16.77 0.78 0.00	16.79 0.78 0.00	18.54 0.90 0.00	27.94 1.36 0.00	35.00 1.86 0.00	33.07 1.74 -0.22	27.27 1.46 -0.23	24.86 1.42 -0.17	24.51 1.51 -0.18	22.81 1.37 -0.10	23.40 1.42 -0.09	23.33 1.42 -0.07	24.25 1.47 -0.10	26.25 1.52 -0.18	33.89 1.86 -0.43	40.88 2.34 -0.27	37.81 2.01 -0.44	29.37 1.54 -0.24	25.02 1.34 -0.08	21.57 1.22 0.00	19.54 0.80 -4.99
BRADY___115KV_TB2 356060	18.92 -0.21 0.00	16.31 -0.16 0.00	16.03 -0.18 0.00	15.84 -0.14 0.00	15.79 -0.21 0.00	17.43 -0.21 0.00	26.40 -0.19 0.00	32.91 -0.23 0.00	30.83 -0.28 0.00	25.30 -0.28 0.00	22.85 -0.42 0.00	22.37 -0.46 0.00	20.86 -0.49 0.00	21.36 -0.53 0.00	21.32 -0.52 0.00	22.17 -0.50 0.00	23.98 -0.56 0.00	30.99 -0.60 0.00	37.78 -0.50 0.00	34.86 -0.49 0.00	27.23 -0.36 0.00	23.42 -0.17 0.00	20.18 -0.16 0.00	13.74 -0.12 -0.11
BRANSCOMB___SOLAR 323811	19.93 0.80 0.00	17.17 0.69 0.00	16.93 0.73 0.00	16.70 0.72 0.00	16.72 0.72 0.00	18.47 0.83 0.00	28.15 1.57 0.00	35.10 1.96 0.00	32.59 1.77 0.29	26.54 1.28 0.31	24.22 1.19 0.23	23.72 1.14 0.24	22.15 0.94 0.13	22.85 1.07 0.12	22.83 1.07 0.09	23.74 1.20 0.13	25.52 1.20 0.23	32.71 1.67 0.55	40.16 2.22 0.34	36.81 2.01 0.56	28.81 1.52 0.30	24.71 1.23 0.11	21.34 1.00 0.00	21.10 0.63 -6.71
BRENTWOD_69_KV_W. BRTWOOD 56703	23.56 1.91 -2.52	21.51 1.60 -3.43	18.51 1.60 -0.70	17.53 1.55 0.00	17.57 1.57 0.00	20.10 1.78 -0.68	32.50 2.68 -3.24	38.96 2.82 -3.00	35.30 2.86 -1.33	32.15 2.76 -3.81	30.18 2.47 -4.45	29.43 2.60 -4.00	29.22 2.39 -5.48	29.38 2.47 -5.01	29.63 2.47 -5.32	29.72 2.56 -4.49	30.33 2.75 -3.03	41.07 3.06 -6.42	50.59 3.22 -9.10	50.03 3.32 -11.35	39.63 2.70 -9.34	32.21 2.29 -6.34	31.20 2.22 -8.64	27.32 1.51 -12.05
BRISTLHL_115KV_TB1 79998	19.09 -0.04 0.00	16.43 -0.05 0.00	16.14 -0.06 0.00	15.90 -0.08 0.00	15.97 -0.03 0.00	17.60 -0.04 0.00	26.42 -0.16 0.00	32.95 -0.20 0.00	30.86 -0.25 0.00	25.42 -0.15 0.00	23.10 -0.16 0.00	22.62 -0.21 0.00	21.20 -0.15 0.00	21.74 -0.15 0.00	21.69 -0.15 0.00	22.47 -0.20 0.00	24.35 -0.20 0.00	31.37 -0.22 0.00	37.93 -0.34 0.00	35.04 -0.32 0.00	27.42 -0.17 0.00	23.47 -0.12 0.00	20.20 -0.14 0.00	14.67 -0.10 -1.01
BROOKHAVEN___DRP 24191	23.77 2.12 -2.52	21.70 1.80 -3.43	18.68 1.78 -0.70	17.71 1.73 0.00	17.75 1.74 0.00	20.31 1.99 -0.68	36.52 3.08 -6.86	50.71 3.28 -14.29	39.68 3.30 -5.28	36.58 3.09 -7.90	34.78 2.77 -8.74	33.16 2.90 -7.44	32.52 2.67 -8.51	33.15 2.76 -8.51	34.15 2.75 -9.55	34.18 2.86 -8.65	34.87 3.07 -7.25	60.80 3.47 -25.74	80.20 4.02 -37.91	83.70 4.03 -44.32	69.72 3.06 -39.07	42.19 2.57 -16.04	42.15 2.48 -19.32	37.60 1.68 -22.17

BROOKLYN_NAVY_YARD 23515	20.15 1.01 -0.01	17.34 0.86 -0.01	17.09 0.87 -0.01	16.84 0.86 0.00	16.87 0.86 0.00	18.64 0.99 -0.01	28.06 1.46 -0.01	35.23 2.09 0.00	33.43 2.05 -0.27	27.44 1.56 -0.30	25.08 1.58 -0.23	24.80 1.73 -0.24	23.05 1.56 -0.15	23.64 1.62 -0.13	23.54 1.59 -0.10	24.47 1.65 -0.14	26.49 1.72 -0.23	34.12 1.99 -0.54	41.10 2.49 -0.33	37.99 2.09 -0.55	29.51 1.63 -0.29	25.12 1.42 -0.11	21.65 1.28 -0.03	20.09 0.83 -5.51
BROOKLYN___ARMY_DRP 323595	20.19 1.05 -0.01	17.38 0.89 -0.01	17.14 0.92 -0.01	16.96 0.97 0.00	16.95 0.94 0.00	18.66 1.01 -0.01	28.14 1.52 -0.04	35.17 2.02 0.00	33.37 1.99 -0.27	27.45 1.53 -0.33	25.15 1.61 -0.27	24.93 1.83 -0.28	23.18 1.62 -0.21	23.76 1.69 -0.18	23.67 1.66 -0.16	24.63 1.77 -0.18	26.62 1.82 -0.25	34.24 2.12 -0.54	41.25 2.64 -0.33	38.30 2.40 -0.55	29.62 1.74 -0.29	25.19 1.44 -0.17	21.82 1.36 -0.11	20.23 0.98 -5.50
BROOKVLE_69_KV_TB1 55790	23.14 1.49 -2.52	21.16 1.25 -3.43	18.17 1.26 -0.70	17.20 1.21 0.00	17.22 1.22 0.00	19.71 1.39 -0.68	30.97 2.15 -2.23	35.70 2.55 0.00	33.93 2.55 -0.27	30.37 2.23 -2.57	28.55 2.14 -3.15	28.01 2.24 -2.95	27.93 2.03 -4.56	27.94 2.10 -3.95	27.95 2.08 -4.03	28.07 2.18 -3.22	28.60 2.31 -1.75	34.81 2.69 -0.54	41.79 3.18 -0.33	39.86 3.18 -1.32	30.14 2.26 -0.29	28.93 1.96 -3.39	27.55 1.81 -5.39	23.95 1.22 -8.97
BROOME_2_LFGE 323671	19.84 0.71 0.00	17.07 0.59 0.00	16.71 0.50 0.00	16.45 0.46 0.00	16.53 0.53 0.00	18.20 0.56 0.00	27.51 0.93 0.00	34.30 1.16 0.00	32.17 1.06 0.00	26.55 0.97 0.00	24.10 0.84 0.00	23.60 0.78 0.00	22.16 0.81 0.00	22.70 0.81 0.00	22.65 0.81 0.00	23.47 0.79 0.00	25.41 0.86 0.00	32.66 1.07 0.00	39.39 1.11 0.00	36.52 1.16 0.00	28.58 0.99 0.00	24.41 0.83 0.00	21.02 0.67 0.00	16.59 0.40 -2.44
BROOME___LFGE 323600	19.84 0.71 0.00	17.07 0.59 0.00	16.71 0.50 0.00	16.45 0.46 0.00	16.53 0.53 0.00	18.20 0.56 0.00	27.51 0.93 0.00	34.30 1.16 0.00	32.17 1.06 0.00	26.55 0.97 0.00	24.10 0.84 0.00	23.60 0.78 0.00	22.16 0.81 0.00	22.70 0.81 0.00	22.65 0.81 0.00	23.47 0.79 0.00	25.41 0.86 0.00	32.66 1.07 0.00	39.39 1.11 0.00	36.52 1.16 0.00	28.58 0.99 0.00	24.41 0.83 0.00	21.02 0.67 0.00	16.59 0.40 -2.44
BROWNFLS_115KV_TB_3_5 80003	18.88 -0.25 0.00	16.24 -0.23 0.00	15.98 -0.23 0.00	15.77 -0.21 0.00	15.75 -0.26 0.00	17.39 -0.25 0.00	26.50 -0.08 0.00	33.11 -0.03 0.00	30.92 -0.19 0.00	25.22 -0.36 0.00	22.73 -0.54 0.00	22.26 -0.57 0.00	20.73 -0.62 0.00	21.23 -0.66 0.00	21.19 -0.66 0.00	22.02 -0.66 0.00	23.86 -0.69 0.00	30.89 -0.69 0.00	37.67 -0.61 0.00	34.75 -0.60 0.00	27.18 -0.41 0.00	23.40 -0.19 0.00	20.12 -0.22 0.00	13.89 -0.18 -0.31
BROWNSV1_27_KV_LOAD 356125	20.35 1.21 -0.01	17.51 1.02 -0.01	17.25 1.04 -0.01	16.99 1.01 0.00	17.01 1.01 0.00	18.80 1.15 -0.01	28.38 1.75 -0.04	35.53 2.39 0.00	33.74 2.36 -0.27	27.75 1.84 -0.33	25.40 1.86 -0.27	25.11 2.01 -0.28	23.37 1.81 -0.21	23.95 1.88 -0.18	23.86 1.86 -0.16	24.81 1.95 -0.18	26.84 2.04 -0.25	34.50 2.37 -0.54	41.52 2.91 -0.33	38.62 2.72 -0.55	29.81 1.93 -0.29	25.43 1.67 -0.17	22.00 1.55 -0.10	20.33 1.07 -5.50
BURROWS___LYONSDAL 23803	19.38 0.25 0.00	16.66 0.18 0.00	16.40 0.19 0.00	16.17 0.19 0.00	16.16 0.16 0.00	17.85 0.21 0.00	27.14 0.56 0.00	33.94 0.80 0.00	31.64 0.53 0.00	25.83 0.26 0.00	23.43 0.16 0.00	22.94 0.11 0.00	21.43 0.09 0.00	21.96 0.07 0.00	21.91 0.07 0.00	22.79 0.11 0.00	24.74 0.20 0.00	32.03 0.44 0.00	38.97 0.69 0.00	36.03 0.67 0.00	28.11 0.52 0.00	24.08 0.50 0.00	20.65 0.31 0.00	14.28 0.15 -0.37
CAITHNESS_CC_1 323624	23.71 2.07 -2.52	21.64 1.73 -3.43	18.64 1.73 -0.70	17.67 1.68 -0.01	17.69 1.68 -0.01	20.24 1.92 -0.68	36.39 2.98 -6.83	50.50 3.15 -14.20	39.53 3.17 -5.25	36.49 2.99 -7.92	34.70 2.67 -8.76	33.09 2.81 -7.45	32.45 2.58 -8.52	33.08 2.67 -8.52	34.08 2.66 -9.57	34.11 2.77 -8.67	34.74 2.92 -7.27	60.60 3.19 -25.82	80.17 3.86 -38.03	83.56 3.75 -44.46	69.67 2.87 -39.21	42.24 2.57 -16.08	42.09 2.38 -19.37	37.58 1.58 -22.24
CALPINE BETH_PAGE_GT4 24209	23.31 1.66 -2.52	21.29 1.38 -3.43	18.30 1.39 -0.70	17.34 1.36 0.00	17.36 1.36 0.00	19.87 1.55 -0.68	31.20 2.29 -2.33	35.82 2.49 -0.19	33.97 2.52 -0.34	30.57 2.30 -2.69	28.68 2.14 -3.28	28.14 2.26 -3.06	28.05 2.05 -4.65	28.05 2.10 -4.05	28.10 2.10 -4.16	28.24 2.22 -3.35	28.68 2.26 -1.88	35.27 2.56 -1.13	42.47 2.99 -1.21	40.73 3.04 -2.33	30.97 2.18 -1.20	29.13 1.86 -3.68	27.93 1.87 -5.72	24.32 1.28 -9.28
CALPINE_BETH_PAGE_GT_4 323586	23.31 1.66 -2.52	21.29 1.38 -3.43	18.28 1.38 -0.70	17.35 1.36 -0.01	17.37 1.36 -0.01	19.87 1.55 -0.68	31.20 2.29 -2.33	35.82 2.49 -0.19	33.96 2.52 -0.34	30.57 2.30 -2.69	28.68 2.14 -3.28	28.14 2.26 -3.06	28.05 2.05 -4.65	28.05 2.10 -4.05	28.10 2.10 -4.16	28.22 2.20 -3.35	28.66 2.23 -1.88	35.18 2.47 -1.13	42.48 2.99 -1.21	40.58 2.90 -2.33	30.95 2.15 -1.21	29.18 1.91 -3.68	27.91 1.85 -5.72	24.30 1.22 -9.32
CALPINE_BP_GT1 23823	23.31 1.66 -2.52	21.29 1.38 -3.43	18.28 1.38 -0.70	17.35 1.36 -0.01	17.37 1.36 -0.01	19.87 1.55 -0.68	31.20 2.29 -2.33	35.82 2.49 -0.19	33.96 2.52 -0.34	30.57 2.30 -2.69	28.68 2.14 -3.28	28.14 2.26 -3.06	28.05 2.05 -4.65	28.05 2.10 -4.05	28.10 2.10 -4.16	28.22 2.20 -3.35	28.66 2.23 -1.88	35.18 2.47 -1.13	42.48 2.99 -1.21	40.58 2.90 -2.33	30.95 2.15 -1.21	29.18 1.91 -3.68	27.91 1.85 -5.72	24.30 1.22 -9.32
CALSPAN___DRP 24200	19.87 0.75 0.00	17.07 0.59 0.00	16.51 0.31 0.00	16.27 0.29 0.00	16.42 0.42 0.00	18.05 0.41 0.00	27.19 0.61 0.00	33.64 0.50 0.00	31.79 0.68 0.00	26.47 0.90 0.00	24.06 0.79 0.00	23.49 0.66 0.00	22.31 0.96 0.00	22.72 0.83 0.00	22.70 0.85 0.00	23.26 0.59 0.00	25.09 0.54 0.00	32.19 0.60 0.00	38.24 -0.04 0.00	35.35 0.00 0.00	28.39 0.80 0.00	24.32 0.73 0.00	20.92 0.57 0.00	15.45 0.10 -1.60
CALVERTON___SOLAR 323806	23.84 2.20 -2.52	21.77 1.86 -3.43	18.75 1.85 -0.70	17.78 1.79 -0.01	17.82 1.81 -0.01	20.38 2.06 -0.68	36.67 3.22 -6.87	50.95 3.48 -14.32	39.85 3.45 -5.29	36.70 3.22 -7.90	34.89 2.88 -8.74	33.27 3.01 -7.43	32.63 2.77 -8.50	33.24 2.84 -8.50	34.25 2.86 -9.54	34.29 2.97 -8.64	34.96 3.17 -7.25	60.81 3.51 -25.72	80.40 4.25 -37.88	83.78 4.13 -44.29	69.78 3.14 -39.05	42.42 2.81 -16.03	42.20 2.54 -19.31	37.62 1.68 -22.19
CANDIGU_WT_PWR 323617	20.03 0.90 0.00	17.23 0.76 0.00	16.75 0.55 0.00	16.46 0.48 0.00	16.61 0.61 0.00	18.27 0.63 0.00	27.65 1.06 0.00	34.37 1.23 0.00	32.29 1.18 0.00	26.76 1.18 0.00	24.29 1.02 0.00	23.72 0.89 0.00	22.39 1.05 0.00	22.88 0.99 0.00	22.85 1.01 0.00	23.53 0.86 0.00	25.50 0.96 0.00	32.76 1.17 0.00	39.24 0.96 0.00	36.66 1.31 0.00	28.78 1.19 0.00	24.55 0.97 0.00	21.08 0.73 0.00	15.99 0.34 -1.90

CARR STREET_E__SYR 24060	19.28 0.15 0.00	16.61 0.13 0.00	16.28 0.08 0.00	16.05 0.06 0.00	16.12 0.11 0.00	17.76 0.12 0.00	26.80 0.21 0.00	33.38 0.23 0.00	31.30 0.19 0.00	25.78 0.20 0.00	23.43 0.16 0.00	22.94 0.11 0.00	21.52 0.17 0.00	22.06 0.17 0.00	22.02 0.17 0.00	22.81 0.14 0.00	24.70 0.15 0.00	31.78 0.19 0.00	38.39 0.12 0.00	35.57 0.21 0.00	27.78 0.19 0.00	23.73 0.14 0.00	20.43 0.08 0.00	14.97 0.06 -1.16
CARTHAGE__PAPER 23857	19.09 -0.04 0.00	16.41 -0.07 0.00	16.14 -0.06 0.00	15.92 -0.06 0.00	15.89 -0.11 0.00	17.59 -0.05 0.00	26.90 0.32 0.00	33.64 0.50 0.00	31.23 0.12 0.00	25.45 -0.13 0.00	23.01 -0.26 0.00	22.51 -0.32 0.00	21.00 -0.34 0.00	21.54 -0.35 0.00	21.47 -0.37 0.00	22.33 -0.34 0.00	24.30 -0.25 0.00	31.53 -0.06 0.00	38.47 0.19 0.00	35.60 0.25 0.00	27.78 0.19 0.00	23.75 0.17 0.00	20.37 0.02 0.00	14.26 -0.05 -0.56
CASSADAGA_WT_PWR 323784	20.41 1.28 0.00	17.51 1.04 0.00	16.92 0.71 0.00	16.57 0.59 0.00	16.76 0.75 0.00	18.41 0.78 0.00	27.91 1.33 0.00	34.70 1.56 0.00	32.73 1.62 0.00	27.24 1.66 0.00	24.78 1.51 0.00	24.20 1.37 0.00	22.97 1.62 0.00	23.40 1.51 0.00	23.37 1.53 0.00	23.94 1.27 0.00	25.97 1.42 0.00	33.33 1.74 0.00	39.70 1.42 0.00	37.37 2.01 0.00	29.16 1.57 0.00	24.79 1.20 0.00	21.22 0.87 0.00	15.72 0.32 -1.65
CE_DUNWOOD__DRP 24194	20.20 1.07 0.00	17.38 0.91 0.00	17.11 0.91 0.00	16.85 0.86 0.00	16.87 0.86 0.00	18.64 1.01 0.00	28.10 1.52 0.00	35.13 1.99 0.00	33.34 1.96 -0.27	27.48 1.61 -0.29	25.09 1.61 -0.22	24.76 1.71 -0.22	23.01 1.54 -0.12	23.57 1.58 -0.11	23.50 1.57 -0.08	24.45 1.66 -0.12	26.51 1.74 -0.22	34.15 2.02 -0.54	41.10 2.49 -0.33	38.27 2.37 -0.55	29.54 1.66 -0.29	25.13 1.44 -0.10	21.69 1.34 0.00	20.10 0.92 -5.42
CE_MILLWOOD__DRP 24193	20.18 1.05 0.00	17.36 0.89 0.00	17.09 0.89 0.00	16.83 0.85 0.00	16.85 0.85 0.00	18.61 0.97 0.00	28.07 1.49 0.00	35.10 1.96 0.00	33.27 1.90 -0.27	27.42 1.56 -0.29	25.02 1.54 -0.21	24.69 1.64 -0.22	22.96 1.49 -0.12	23.53 1.53 -0.11	23.46 1.53 -0.08	24.41 1.61 -0.12	26.46 1.69 -0.22	34.08 1.96 -0.53	41.02 2.41 -0.33	38.23 2.33 -0.54	29.51 1.63 -0.29	25.11 1.42 -0.10	21.67 1.32 0.00	20.06 0.91 -5.40
CE_NYC2_DRP 24202	20.14 0.99 -0.01	17.33 0.84 -0.01	17.09 0.87 -0.01	16.91 0.93 0.00	16.91 0.91 0.00	18.61 0.95 -0.01	28.04 1.41 -0.04	35.10 1.96 0.00	33.34 1.96 -0.27	27.42 1.51 -0.33	25.12 1.58 -0.27	24.88 1.78 -0.28	23.14 1.58 -0.21	23.71 1.64 -0.18	23.62 1.62 -0.16	24.58 1.72 -0.18	26.57 1.77 -0.25	34.12 1.99 -0.54	41.06 2.45 -0.33	38.16 2.26 -0.55	29.45 1.57 -0.29	25.12 1.37 -0.17	21.75 1.30 -0.11	20.18 0.92 -5.50
CE_NYC_DRP 24195	19.99 1.09 0.23	17.37 0.94 0.05	17.13 0.96 0.03	16.88 0.93 0.03	16.90 0.93 0.03	18.57 1.06 0.13	27.47 1.60 0.70	34.22 2.19 1.12	32.55 2.18 0.74	26.97 1.69 0.30	24.81 1.72 0.18	24.53 1.87 0.16	22.89 1.67 0.12	23.43 1.73 0.19	23.36 1.73 0.21	24.22 1.79 0.24	26.14 1.89 0.30	33.29 2.15 0.44	39.83 2.64 1.09	37.15 2.47 0.68	28.93 1.74 0.39	24.84 1.53 0.28	21.65 1.40 0.10	20.09 0.99 -5.34
CHAFFEE__LFGE 323603	19.91 0.78 0.00	17.15 0.68 0.00	16.59 0.39 0.00	16.29 0.30 0.00	16.43 0.43 0.00	18.06 0.42 0.00	27.27 0.69 0.00	33.81 0.66 0.00	31.89 0.78 0.00	26.55 0.97 0.00	24.13 0.86 0.00	23.53 0.71 0.00	22.35 1.00 0.00	22.79 0.90 0.00	22.76 0.92 0.00	23.33 0.66 0.00	25.28 0.74 0.00	32.35 0.76 0.00	38.43 0.15 0.00	36.34 0.99 0.00	28.50 0.91 0.00	24.36 0.78 0.00	20.96 0.61 0.00	15.56 0.18 -1.62
CHATEAUG_35_KV_LOAD 355732	19.15 0.02 0.00	16.51 0.03 0.00	16.19 -0.02 0.00	16.03 0.05 0.00	15.99 -0.02 0.00	17.67 0.04 0.00	26.82 0.24 0.00	33.54 0.40 0.00	31.51 0.40 0.00	25.99 0.41 0.00	23.57 0.30 0.00	23.05 0.23 0.00	21.54 0.19 0.00	22.04 0.15 0.00	22.02 0.17 0.00	22.88 0.20 0.00	24.79 0.25 0.00	32.00 0.41 0.00	38.97 0.69 0.00	35.81 0.46 0.00	27.92 0.33 0.00	23.82 0.24 0.00	20.45 0.10 0.00	13.78 0.03 0.00
CHATEAUG_WT_PWR 323614	19.17 0.04 0.00	16.51 0.03 0.00	16.20 0.00 0.00	16.05 0.06 0.00	16.00 0.00 0.00	17.69 0.05 0.00	26.85 0.27 0.00	33.54 0.40 0.00	31.51 0.40 0.00	26.04 0.46 0.00	23.62 0.35 0.00	23.08 0.25 0.00	21.58 0.24 0.00	22.09 0.20 0.00	22.04 0.20 0.00	22.90 0.23 0.00	24.84 0.30 0.00	32.03 0.44 0.00	38.97 0.69 0.00	35.81 0.46 0.00	27.92 0.33 0.00	23.87 0.28 0.00	20.45 0.10 0.00	13.77 0.01 0.00
CHAT_HIGH_FALL_HYD 323578	19.15 0.02 0.00	16.51 0.03 0.00	16.19 -0.02 0.00	16.03 0.05 0.00	15.99 -0.02 0.00	17.67 0.04 0.00	26.82 0.24 0.00	33.54 0.40 0.00	31.51 0.40 0.00	25.99 0.41 0.00	23.57 0.30 0.00	23.05 0.23 0.00	21.54 0.19 0.00	22.04 0.15 0.00	22.02 0.17 0.00	22.88 0.20 0.00	24.79 0.25 0.00	32.00 0.41 0.00	38.97 0.69 0.00	35.78 0.43 0.00	27.92 0.33 0.00	23.87 0.28 0.00	20.45 0.10 0.00	13.77 0.01 0.00
CHAUTAUQUA__LFGE 323629	20.18 1.05 0.00	17.35 0.87 0.00	16.75 0.55 0.00	16.45 0.46 0.00	16.61 0.61 0.00	18.26 0.62 0.00	27.59 1.01 0.00	34.24 1.09 0.00	32.32 1.21 0.00	26.91 1.33 0.00	24.48 1.21 0.00	23.88 1.05 0.00	22.67 1.32 0.00	23.12 1.23 0.00	23.09 1.24 0.00	23.67 1.00 0.00	25.65 1.11 0.00	32.85 1.26 0.00	39.08 0.81 0.00	36.84 1.48 0.00	28.83 1.24 0.00	24.60 1.01 0.00	21.10 0.75 0.00	15.65 0.26 -1.63
CHERRYST_13_KV_LD 356241	20.05 1.15 0.23	17.40 0.97 0.05	17.18 1.00 0.03	16.91 0.96 0.03	16.95 0.98 0.03	18.60 1.09 0.13	27.55 1.67 0.70	34.32 2.29 1.12	32.64 2.27 0.74	27.04 1.76 0.30	24.88 1.79 0.18	24.60 1.94 0.16	22.98 1.75 0.12	23.49 1.79 0.19	23.43 1.79 0.21	24.31 1.88 0.24	26.21 1.96 0.30	33.39 2.24 0.44	39.95 2.76 1.09	37.26 2.58 0.68	28.99 1.79 0.39	24.89 1.58 0.28	21.71 1.46 0.10	20.13 1.03 -5.34
CHESTROR_138KV_BK263 355645	20.07 0.94 0.00	17.27 0.79 0.00	16.98 0.78 0.00	16.72 0.74 0.00	16.74 0.74 0.00	18.47 0.83 0.00	27.89 1.30 0.00	34.87 1.72 0.00	32.93 1.62 -0.20	27.13 1.33 -0.22	24.73 1.30 -0.16	24.36 1.37 -0.17	22.68 1.24 -0.09	23.26 1.29 -0.08	23.20 1.29 -0.06	24.13 1.36 -0.09	26.14 1.42 -0.17	33.73 1.74 -0.40	40.67 2.14 -0.25	37.81 2.05 -0.41	29.24 1.43 -0.22	24.89 1.23 -0.08	21.46 1.12 0.00	19.37 0.77 -4.84
CH_MIDHUDSON__DRP 24192	20.12 0.99 0.00	17.32 0.84 0.00	17.05 0.84 0.00	16.80 0.82 0.00	16.82 0.82 0.00	18.56 0.92 0.00	27.94 1.36 0.00	34.93 1.79 0.00	32.99 1.71 -0.17	27.14 1.38 -0.18	24.75 1.35 -0.13	24.40 1.44 -0.14	22.70 1.28 -0.08	23.31 1.36 -0.07	23.25 1.35 -0.05	24.16 1.41 -0.08	26.18 1.50 -0.14	33.75 1.83 -0.33	40.74 2.26 -0.21	37.85 2.16 -0.34	29.23 1.46 -0.18	24.93 1.27 -0.06	21.55 1.20 0.00	20.06 0.83 -5.48

CH_MISC_IPPS 23765	20.24 1.11 0.00	17.41 0.94 0.00	17.13 0.92 0.00	16.89 0.91 0.00	16.88 0.88 0.00	18.64 1.00 0.00	28.10 1.51 0.00	35.17 2.02 0.00	33.20 1.90 -0.20	27.32 1.53 -0.21	24.91 1.49 -0.16	24.54 1.55 -0.16	22.82 1.39 -0.09	23.43 1.47 -0.08	23.37 1.46 -0.06	24.28 1.52 -0.09	26.33 1.62 -0.16	34.03 2.05 -0.39	41.08 2.56 -0.24	38.05 2.30 -0.40	29.46 1.66 -0.21	25.10 1.44 -0.08	21.63 1.28 0.00	19.94 0.84 -5.34
CH_RES_BVR_FALLS 23983	18.88 -0.25 0.00	16.26 -0.21 0.00	15.99 -0.21 0.00	15.79 -0.19 0.00	15.79 -0.21 0.00	17.41 -0.23 0.00	26.24 -0.35 0.00	32.75 -0.40 0.00	30.74 -0.37 0.00	25.27 -0.31 0.00	22.96 -0.30 0.00	22.51 -0.32 0.00	21.05 -0.30 0.00	21.58 -0.31 0.00	21.54 -0.31 0.00	22.36 -0.32 0.00	24.20 -0.34 0.00	31.15 -0.44 0.00	37.82 -0.46 0.00	34.89 -0.46 0.00	27.23 -0.36 0.00	23.31 -0.28 0.00	20.10 -0.24 0.00	13.59 -0.16 0.00
CH_RES_NIAGARA 23895	19.09 -0.04 0.00	16.46 -0.02 0.00	15.93 -0.28 0.00	15.65 -0.34 0.00	15.78 -0.22 0.00	17.34 -0.30 0.00	26.02 -0.56 0.00	32.05 -1.09 0.00	30.39 -0.71 0.00	25.32 -0.26 0.00	23.06 -0.21 0.00	22.51 -0.32 0.00	21.37 0.02 0.00	21.78 -0.11 0.00	21.76 -0.09 0.00	22.29 -0.39 0.00	24.15 -0.39 0.00	30.77 -0.82 0.00	36.33 -1.95 0.00	34.54 -0.81 0.00	27.15 -0.44 0.00	23.28 -0.31 0.00	20.10 -0.24 0.00	14.88 -0.41 -1.54
CH_RES_SYRACUSE 23985	19.45 0.32 0.00	16.76 0.28 0.00	16.43 0.23 0.00	16.19 0.21 0.00	16.26 0.26 0.00	17.92 0.28 0.00	27.01 0.42 0.00	33.71 0.56 0.00	31.58 0.47 0.00	26.01 0.43 0.00	23.62 0.35 0.00	23.12 0.30 0.00	21.69 0.34 0.00	22.24 0.35 0.00	22.17 0.33 0.00	22.99 0.32 0.00	24.89 0.34 0.00	32.03 0.44 0.00	38.70 0.42 0.00	35.85 0.49 0.00	28.00 0.41 0.00	23.92 0.33 0.00	20.61 0.26 0.00	15.16 0.17 -1.24
CLINTON_WT_PWR 323605	19.17 0.04 0.00	16.51 0.03 0.00	16.20 0.00 0.00	16.05 0.06 0.00	16.00 0.00 0.00	17.69 0.05 0.00	26.85 0.27 0.00	33.54 0.40 0.00	31.51 0.40 0.00	26.04 0.46 0.00	23.62 0.35 0.00	23.08 0.25 0.00	21.58 0.24 0.00	22.09 0.20 0.00	22.04 0.20 0.00	22.90 0.23 0.00	24.84 0.30 0.00	32.03 0.44 0.00	38.97 0.69 0.00	35.81 0.46 0.00	27.92 0.33 0.00	23.87 0.28 0.00	20.45 0.10 0.00	13.77 0.01 0.00
CLINTON__LFGE 323618	19.36 0.23 0.00	16.67 0.20 0.00	16.35 0.15 0.00	16.21 0.22 0.00	16.15 0.14 0.00	17.87 0.23 0.00	27.17 0.58 0.00	33.94 0.79 0.00	31.92 0.81 0.00	26.37 0.79 0.00	23.87 0.60 0.00	23.33 0.50 0.00	21.80 0.45 0.00	22.30 0.41 0.00	22.28 0.44 0.00	23.15 0.48 0.00	25.14 0.59 0.00	32.41 0.82 0.00	39.50 1.22 0.00	36.27 0.92 0.00	28.31 0.72 0.00	24.20 0.61 0.00	20.67 0.32 0.00	13.92 0.17 0.00
COBBLENY_34_KV_TB1 80064	19.89 0.77 0.00	17.08 0.61 0.00	16.53 0.32 0.00	16.29 0.30 0.00	16.43 0.43 0.00	18.08 0.44 0.00	27.27 0.69 0.00	33.81 0.66 0.00	31.89 0.78 0.00	26.55 0.97 0.00	24.13 0.86 0.00	23.53 0.71 0.00	22.35 1.00 0.00	22.79 0.90 0.00	22.76 0.92 0.00	23.33 0.66 0.00	25.16 0.61 0.00	32.32 0.73 0.00	38.43 0.15 0.00	35.53 0.18 0.00	28.50 0.91 0.00	24.39 0.80 0.00	20.96 0.61 0.00	15.46 0.08 -1.62
COFFEEN__115KV_TB3 355620	19.30 0.17 0.00	16.57 0.10 0.00	16.30 0.10 0.00	16.08 0.10 0.00	16.05 0.05 0.00	17.78 0.14 0.00	27.22 0.64 0.00	34.07 0.93 0.00	31.58 0.47 0.00	25.68 0.10 0.00	23.22 -0.05 0.00	22.71 -0.11 0.00	21.22 -0.13 0.00	21.76 -0.13 0.00	21.69 -0.15 0.00	22.54 -0.14 0.00	24.55 0.00 0.00	31.91 0.32 0.00	38.93 0.65 0.00	36.06 0.71 0.00	28.17 0.58 0.00	24.11 0.52 0.00	20.57 0.22 0.00	14.49 0.08 -0.65
COLDSPRG_115KV_BK1 355956	20.60 1.47 0.00	17.66 1.19 0.00	17.05 0.84 0.00	16.78 0.80 0.00	16.96 0.96 0.00	18.64 1.01 0.00	28.31 1.73 0.00	35.27 2.12 0.00	33.19 2.08 0.00	27.60 2.02 0.00	25.08 1.81 0.00	24.45 1.62 0.00	23.20 1.86 0.00	23.64 1.75 0.00	23.59 1.75 0.00	24.17 1.50 0.00	26.04 1.50 0.00	33.61 2.02 0.00	40.19 1.91 0.00	37.12 1.77 0.00	29.52 1.93 0.00	25.19 1.60 0.00	21.57 1.22 0.00	15.73 0.30 -1.67
COLONIE_LFGE__ 323577	19.78 0.65 0.00	17.05 0.58 0.00	16.82 0.62 0.00	16.60 0.62 0.00	16.63 0.62 0.00	18.35 0.71 0.00	27.70 1.12 0.00	34.54 1.39 0.00	32.05 1.28 0.34	26.19 0.97 0.36	23.90 0.91 0.27	23.46 0.91 0.28	21.98 0.79 0.16	22.61 0.85 0.13	22.62 0.87 0.10	23.47 0.95 0.16	25.28 1.01 0.27	32.26 1.33 0.66	39.56 1.68 0.41	36.17 1.48 0.67	28.36 1.13 0.36	24.38 0.92 0.13	21.16 0.81 0.00	20.93 0.52 -6.66
COOPERNY_115KV_TB1 80082	19.91 0.78 0.00	17.13 0.66 0.00	16.85 0.65 0.00	16.61 0.62 0.00	16.63 0.62 0.00	18.34 0.71 0.00	27.67 1.09 0.00	34.60 1.46 0.00	32.57 1.34 -0.12	26.84 1.13 -0.13	24.44 1.07 -0.10	24.05 1.12 -0.10	22.43 1.02 -0.06	22.99 1.05 -0.05	22.93 1.05 -0.04	23.84 1.11 -0.06	25.80 1.15 -0.10	33.26 1.42 -0.25	40.19 1.76 -0.15	37.27 1.66 -0.25	28.91 1.19 -0.14	24.67 1.04 -0.05	21.28 0.94 0.00	18.28 0.65 -3.87
COPENHAGEN_WT_PWR 323753	19.19 0.06 0.00	16.49 0.02 0.00	16.22 0.02 0.00	15.98 0.00 0.00	15.97 -0.03 0.00	17.67 0.04 0.00	27.01 0.42 0.00	33.77 0.63 0.00	31.36 0.25 0.00	25.55 -0.03 0.00	23.13 -0.14 0.00	22.62 -0.21 0.00	21.15 -0.19 0.00	21.67 -0.22 0.00	21.61 -0.24 0.00	22.45 -0.23 0.00	24.42 -0.12 0.00	31.68 0.10 0.00	38.62 0.34 0.00	35.78 0.43 0.00	27.92 0.33 0.00	23.85 0.26 0.00	20.45 0.10 0.00	14.43 0.00 -0.67
CORNELL____ 23752	19.95 0.82 0.00	17.17 0.69 0.00	16.82 0.62 0.00	16.57 0.59 0.00	16.67 0.67 0.00	18.38 0.74 0.00	27.86 1.28 0.00	34.77 1.62 0.00	32.48 1.37 0.00	26.70 1.13 0.00	24.22 0.95 0.00	23.65 0.82 0.00	22.20 0.85 0.00	22.74 0.85 0.00	22.72 0.87 0.00	23.56 0.88 0.00	25.55 1.01 0.00	32.98 1.39 0.00	39.89 1.61 0.00	36.84 1.48 0.00	28.89 1.30 0.00	24.67 1.09 0.00	21.16 0.81 0.00	16.14 0.48 -1.91
CORONAAV_69_KV_TB1 355595	23.19 1.55 -2.52	21.21 1.30 -3.43	18.21 1.31 -0.70	17.26 1.28 0.00	17.28 1.28 0.00	19.76 1.45 -0.68	30.96 2.18 -2.20	35.63 2.49 0.00	33.87 2.49 -0.27	30.37 2.23 -2.57	28.51 2.09 -3.15	27.99 2.21 -2.95	27.91 2.01 -4.56	27.89 2.06 -3.95	27.93 2.05 -4.03	28.05 2.15 -3.22	28.58 2.28 -1.75	34.75 2.62 -0.54	41.71 3.10 -0.33	39.82 3.15 -1.32	30.14 2.26 -0.29	28.95 1.98 -3.39	27.61 1.87 -5.39	24.01 1.28 -8.97
CORTLAND_115KV_TB3 80093	19.76 0.63 0.00	17.00 0.53 0.00	16.67 0.47 0.00	16.43 0.45 0.00	16.51 0.51 0.00	18.19 0.55 0.00	27.51 0.93 0.00	34.34 1.19 0.00	32.14 1.03 0.00	26.45 0.87 0.00	24.01 0.74 0.00	23.51 0.68 0.00	22.05 0.70 0.00	22.59 0.70 0.00	22.55 0.70 0.00	23.35 0.68 0.00	25.31 0.76 0.00	32.60 1.01 0.00	39.43 1.15 0.00	36.45 1.10 0.00	28.56 0.97 0.00	24.39 0.80 0.00	20.96 0.61 0.00	15.73 0.36 -1.61

COXSACKIE___GT 23611	20.03 0.90 0.00	17.35 0.87 0.00	17.06 0.86 0.00	16.92 0.94 0.00	16.88 0.88 0.00	18.57 0.93 0.00	28.21 1.62 0.00	35.07 1.92 0.00	32.69 1.71 0.13	26.64 1.20 0.14	24.23 1.07 0.11	23.68 0.96 0.11	22.10 0.81 0.06	22.80 0.96 0.05	22.81 1.01 0.04	23.70 1.09 0.06	25.69 1.25 0.10	33.39 2.05 0.25	40.80 2.68 0.15	37.50 2.41 0.26	29.14 1.68 0.14	24.91 1.37 0.05	21.38 1.04 0.00	20.61 0.62 -6.23
CPV_VALLEY___CC1 323721	20.01 0.88 0.00	17.22 0.74 0.00	16.93 0.73 0.00	16.68 0.70 0.00	16.71 0.70 0.00	18.43 0.79 0.00	27.78 1.20 0.00	34.77 1.62 0.00	32.81 1.52 -0.18	27.02 1.25 -0.19	24.64 1.23 -0.14	24.27 1.30 -0.15	22.60 1.17 -0.08	23.19 1.23 -0.07	23.12 1.22 -0.05	24.02 1.27 -0.08	26.02 1.32 -0.15	33.55 1.61 -0.35	40.49 1.99 -0.22	37.48 1.77 -0.36	29.11 1.32 -0.19	24.81 1.16 -0.07	21.40 1.06 0.00	18.96 0.69 -4.52
CPV_VALLEY___CC2 323722	20.01 0.88 0.00	17.22 0.74 0.00	16.93 0.73 0.00	16.68 0.70 0.00	16.71 0.70 0.00	18.43 0.79 0.00	27.78 1.20 0.00	34.77 1.62 0.00	32.81 1.52 -0.18	27.02 1.25 -0.19	24.64 1.23 -0.14	24.27 1.30 -0.15	22.60 1.17 -0.08	23.19 1.23 -0.07	23.12 1.22 -0.05	24.02 1.27 -0.08	26.02 1.32 -0.15	33.55 1.61 -0.35	40.49 1.99 -0.22	37.48 1.77 -0.36	29.11 1.32 -0.19	24.81 1.16 -0.07	21.40 1.06 0.00	18.96 0.69 -4.52
CRESCENT___HYD 24018	19.78 0.65 0.00	17.05 0.58 0.00	16.82 0.62 0.00	16.60 0.62 0.00	16.63 0.62 0.00	18.35 0.71 0.00	27.70 1.12 0.00	34.54 1.39 0.00	32.05 1.28 0.34	26.19 0.97 0.36	23.90 0.91 0.27	23.46 0.91 0.28	21.98 0.79 0.16	22.61 0.85 0.13	22.62 0.87 0.10	23.47 0.95 0.16	25.28 1.01 0.27	32.26 1.33 0.66	39.56 1.68 0.41	36.17 1.48 0.67	28.36 1.13 0.36	24.38 0.92 0.13	21.16 0.81 0.00	20.93 0.52 -6.66
CRICKET___VALLEY_CC1 323756	19.87 0.75 0.00	17.12 0.64 0.00	16.88 0.68 0.00	16.64 0.66 0.00	16.66 0.66 0.00	18.41 0.78 0.00	27.57 0.98 0.00	34.47 1.33 0.00	28.13 1.28 4.26	22.03 1.02 4.57	20.88 1.02 3.41	20.40 1.12 3.54	20.40 1.00 1.95	21.26 1.05 1.68	21.58 1.05 1.31	21.80 1.09 1.96	22.17 1.13 3.51	24.44 1.33 8.47	34.70 1.64 5.22	28.18 1.45 8.63	24.05 1.05 4.59	22.87 0.92 1.64	21.26 0.92 0.00	20.06 0.62 -5.69
CRICKET___VALLEY_CC2 323757	19.87 0.75 0.00	17.12 0.64 0.00	16.88 0.68 0.00	16.64 0.66 0.00	16.66 0.66 0.00	18.41 0.78 0.00	27.57 0.98 0.00	34.47 1.33 0.00	28.13 1.28 4.26	22.03 1.02 4.57	20.88 1.02 3.41	20.40 1.12 3.54	20.40 1.00 1.95	21.26 1.05 1.68	21.58 1.05 1.31	21.80 1.09 1.96	22.17 1.13 3.51	24.44 1.33 8.47	34.70 1.64 5.22	28.18 1.45 8.63	24.05 1.05 4.59	22.87 0.92 1.64	21.26 0.92 0.00	20.06 0.62 -5.69
CRICKET___VALLEY_CC3 323758	19.87 0.75 0.00	17.12 0.64 0.00	16.88 0.68 0.00	16.64 0.66 0.00	16.66 0.66 0.00	18.41 0.78 0.00	27.57 0.98 0.00	34.47 1.33 0.00	28.13 1.28 4.26	22.03 1.02 4.57	20.88 1.02 3.41	20.40 1.12 3.54	20.40 1.00 1.95	21.26 1.05 1.68	21.58 1.05 1.31	21.80 1.09 1.96	22.17 1.13 3.51	24.44 1.33 8.47	34.70 1.64 5.22	28.18 1.45 8.63	24.05 1.05 4.59	22.87 0.92 1.64	21.26 0.92 0.00	20.06 0.62 -5.69
CRUCIBLE_METL_DRP 24180	19.45 0.33 0.00	16.74 0.26 0.00	16.43 0.23 0.00	16.19 0.21 0.00	16.26 0.26 0.00	17.92 0.28 0.00	27.01 0.43 0.00	33.71 0.56 0.00	31.58 0.47 0.00	26.01 0.43 0.00	23.62 0.35 0.00	23.12 0.30 0.00	21.69 0.34 0.00	22.24 0.35 0.00	22.17 0.33 0.00	22.97 0.29 0.00	24.89 0.34 0.00	32.03 0.44 0.00	38.70 0.42 0.00	35.74 0.39 0.00	28.00 0.41 0.00	23.96 0.38 0.00	20.59 0.24 0.00	15.15 0.15 -1.24
DAHOWA___HYDRO 323763	19.95 0.82 0.00	17.18 0.71 0.00	16.95 0.75 0.00	16.72 0.74 0.00	16.74 0.74 0.00	18.50 0.86 0.00	28.26 1.68 0.00	35.23 2.09 0.00	32.72 1.90 0.29	26.67 1.41 0.31	24.31 1.28 0.23	23.79 1.21 0.24	22.22 1.00 0.13	22.89 1.12 0.11	22.87 1.11 0.09	23.81 1.27 0.13	25.60 1.28 0.22	32.82 1.77 0.54	40.32 2.37 0.33	36.97 2.16 0.55	28.93 1.63 0.29	24.78 1.30 0.10	21.38 1.04 0.00	21.12 0.65 -6.72
DANC___LFGE 323619	19.13 0.00 0.00	16.44 -0.03 0.00	16.17 -0.03 0.00	15.93 -0.05 0.00	15.95 -0.05 0.00	17.62 -0.02 0.00	26.80 0.21 0.00	33.48 0.33 0.00	31.14 0.03 0.00	25.48 -0.10 0.00	23.11 -0.16 0.00	22.60 -0.23 0.00	21.15 -0.19 0.00	21.67 -0.22 0.00	21.63 -0.22 0.00	22.42 -0.25 0.00	24.38 -0.17 0.00	31.53 -0.06 0.00	38.28 0.00 0.00	35.50 0.14 0.00	27.70 0.11 0.00	23.66 0.07 0.00	20.33 -0.02 0.00	14.52 -0.04 -0.80
DANSKAMMER___1 23586	20.24 1.11 0.00	17.41 0.94 0.00	17.13 0.92 0.00	16.89 0.91 0.00	16.88 0.88 0.00	18.64 1.00 0.00	28.10 1.51 0.00	35.17 2.02 0.00	33.20 1.90 -0.20	27.32 1.53 -0.21	24.91 1.49 -0.16	24.54 1.55 -0.16	22.82 1.39 -0.09	23.43 1.47 -0.08	23.37 1.46 -0.06	24.28 1.52 -0.09	26.33 1.62 -0.16	34.03 2.05 -0.39	41.08 2.56 -0.24	38.05 2.30 -0.40	29.46 1.66 -0.21	25.10 1.44 -0.08	21.63 1.28 0.00	19.94 0.84 -5.34
DANSKAMMER___2 23589	20.24 1.11 0.00	17.41 0.94 0.00	17.13 0.92 0.00	16.89 0.91 0.00	16.88 0.88 0.00	18.64 1.00 0.00	28.10 1.51 0.00	35.17 2.02 0.00	33.20 1.90 -0.20	27.32 1.53 -0.21	24.91 1.49 -0.16	24.54 1.55 -0.16	22.82 1.39 -0.09	23.43 1.47 -0.08	23.37 1.46 -0.06	24.28 1.52 -0.09	26.33 1.62 -0.16	34.03 2.05 -0.39	41.08 2.56 -0.24	38.05 2.30 -0.40	29.46 1.66 -0.21	25.10 1.44 -0.08	21.63 1.28 0.00	19.94 0.84 -5.34
DANSKAMMER___3 23590	20.24 1.11 0.00	17.41 0.94 0.00	17.13 0.92 0.00	16.89 0.91 0.00	16.88 0.88 0.00	18.64 1.00 0.00	28.10 1.51 0.00	35.17 2.02 0.00	33.20 1.90 -0.20	27.32 1.53 -0.21	24.91 1.49 -0.16	24.54 1.55 -0.16	22.82 1.39 -0.09	23.43 1.47 -0.08	23.37 1.46 -0.06	24.28 1.52 -0.09	26.33 1.62 -0.16	34.03 2.05 -0.39	41.08 2.56 -0.24	38.05 2.30 -0.40	29.46 1.66 -0.21	25.10 1.44 -0.08	21.63 1.28 0.00	19.94 0.84 -5.34
DANSKAMMER___4 23591	20.24 1.11 0.00	17.41 0.94 0.00	17.13 0.92 0.00	16.89 0.91 0.00	16.88 0.88 0.00	18.64 1.00 0.00	28.10 1.51 0.00	35.17 2.02 0.00	33.20 1.90 -0.20	27.32 1.53 -0.21	24.91 1.49 -0.16	24.54 1.55 -0.16	22.82 1.39 -0.09	23.43 1.47 -0.08	23.37 1.46 -0.06	24.28 1.52 -0.09	26.33 1.62 -0.16	34.03 2.05 -0.39	41.08 2.56 -0.24	38.05 2.30 -0.40	29.46 1.66 -0.21	25.10 1.44 -0.08	21.63 1.28 0.00	19.94 0.84 -5.34
DANSKAMMER___DIESEL 23592	20.24 1.11 0.00	17.41 0.94 0.00	17.13 0.92 0.00	16.89 0.91 0.00	16.88 0.88 0.00	18.64 1.01 0.00	28.10 1.52 0.00	35.17 2.02 0.00	33.20 1.90 -0.20	27.32 1.53 -0.21	24.91 1.49 -0.16	24.54 1.55 -0.16	22.82 1.39 -0.09	23.43 1.47 -0.08	23.37 1.46 -0.06	24.28 1.52 -0.09	26.33 1.62 -0.16	34.06 2.08 -0.39	41.08 2.56 -0.24	38.19 2.44 -0.40	29.46 1.66 -0.21	25.10 1.44 -0.08	21.65 1.30 0.00	20.01 0.91 -5.34

DARBY___SOLAR 323810	19.93 0.80 0.00	17.17 0.69 0.00	16.92 0.71 0.00	16.70 0.72 0.00	16.72 0.72 0.00	18.47 0.83 0.00	28.18 1.59 0.00	35.13 1.99 0.00	32.62 1.80 0.29	26.62 1.35 0.31	24.29 1.26 0.23	23.77 1.19 0.24	22.20 0.98 0.13	22.87 1.09 0.12	22.87 1.11 0.09	23.78 1.25 0.13	25.57 1.25 0.23	32.74 1.70 0.55	40.20 2.26 0.34	36.81 2.01 0.56	28.84 1.54 0.30	24.71 1.23 0.11	21.34 1.00 0.00	21.10 0.63 -6.71
DASHVILLE___HYD 23610	20.14 1.01 0.00	17.33 0.86 0.00	17.05 0.84 0.00	16.80 0.82 0.00	16.80 0.80 0.00	18.54 0.90 0.00	27.83 1.25 0.00	34.84 1.69 0.00	33.00 1.80 -0.09	27.13 1.46 -0.09	24.73 1.40 -0.07	24.40 1.51 -0.07	22.75 1.37 -0.04	23.32 1.40 -0.03	23.27 1.40 -0.03	24.19 1.47 -0.04	26.17 1.55 -0.07	33.69 1.93 -0.18	40.80 2.41 -0.11	37.83 2.30 -0.18	29.23 1.55 -0.09	24.99 1.37 -0.03	21.53 1.18 0.00	19.94 0.67 -5.51
DEERFIELD_69_KV_DEERFIELD LD 355887	24.32 2.68 -2.52	22.18 2.27 -3.43	19.17 2.27 -0.70	18.17 2.19 0.00	18.20 2.19 0.00	20.80 2.49 -0.68	37.48 4.01 -6.89	52.07 4.54 -14.38	40.93 4.51 -5.31	37.50 4.04 -7.88	35.66 3.68 -8.72	33.96 3.72 -7.42	33.27 3.44 -8.49	33.90 3.52 -8.49	34.91 3.54 -9.52	34.97 3.67 -8.63	35.75 3.98 -7.23	61.96 4.74 -25.63	81.50 5.47 -37.75	84.90 5.41 -44.14	70.64 4.14 -38.91	42.97 3.40 -15.98	42.72 3.11 -19.27	37.93 2.06 -22.11
DELAWARE___LFGE 323621	19.95 0.82 0.00	17.17 0.69 0.00	16.90 0.70 0.00	16.65 0.67 0.00	16.67 0.67 0.00	18.38 0.74 0.00	27.81 1.22 0.00	34.70 1.56 0.00	32.57 1.46 0.00	26.75 1.18 0.00	24.36 1.09 0.00	23.90 1.07 0.00	22.37 1.02 0.00	22.92 1.03 0.00	22.85 1.00 0.00	23.72 1.04 0.00	25.68 1.13 0.00	33.04 1.45 0.00	40.00 1.72 0.00	37.02 1.66 0.00	28.89 1.30 0.00	24.67 1.09 0.00	21.26 0.92 0.00	17.65 0.59 -3.30
DERFIELD_115KV_TB7 355931	19.20 0.08 0.00	16.52 0.05 0.00	16.27 0.06 0.00	16.05 0.06 0.00	16.05 0.05 0.00	17.71 0.07 0.00	26.69 0.11 0.00	33.28 0.13 0.00	31.23 0.12 0.00	25.66 0.08 0.00	23.36 0.09 0.00	22.92 0.09 0.00	21.43 0.09 0.00	21.98 0.09 0.00	21.93 0.09 0.00	22.76 0.09 0.00	24.65 0.10 0.00	31.72 0.13 0.00	38.43 0.15 0.00	35.53 0.18 0.00	27.70 0.11 0.00	23.68 0.09 0.00	20.41 0.06 0.00	13.93 0.04 -0.13
DOGLEVILLE___HYD 23807	19.59 0.46 0.00	16.87 0.39 0.00	16.61 0.41 0.00	16.37 0.38 0.00	16.37 0.37 0.00	18.06 0.42 0.00	27.17 0.58 0.00	33.87 0.73 0.00	31.76 0.65 0.00	26.09 0.51 0.00	23.73 0.47 0.00	23.28 0.46 0.00	21.75 0.40 0.00	22.28 0.39 0.00	22.24 0.39 0.00	23.08 0.41 0.00	25.01 0.47 0.00	32.19 0.60 0.00	39.00 0.73 0.00	36.06 0.71 0.00	28.14 0.55 0.00	24.06 0.47 0.00	20.83 0.49 0.00	14.21 0.32 -0.13
DUNKIRK___115KV_TB_200 55889	20.12 0.99 0.00	17.27 0.79 0.00	16.67 0.47 0.00	16.43 0.45 0.00	16.58 0.58 0.00	18.22 0.58 0.00	27.54 0.96 0.00	34.17 1.03 0.00	32.26 1.15 0.00	26.86 1.28 0.00	24.43 1.16 0.00	23.83 1.00 0.00	22.63 1.28 0.00	23.05 1.16 0.00	23.03 1.18 0.00	23.60 0.93 0.00	25.46 0.91 0.00	32.69 1.11 0.00	38.97 0.69 0.00	35.99 0.64 0.00	28.78 1.19 0.00	24.58 0.99 0.00	21.08 0.73 0.00	15.58 0.19 -1.63
DUNKIRK___1 23563	20.12 0.99 0.00	17.27 0.79 0.00	16.67 0.47 0.00	16.43 0.45 0.00	16.58 0.58 0.00	18.22 0.58 0.00	27.54 0.96 0.00	34.17 1.03 0.00	32.26 1.15 0.00	26.86 1.28 0.00	24.43 1.16 0.00	23.83 1.00 0.00	22.63 1.28 0.00	23.05 1.16 0.00	23.03 1.18 0.00	23.60 0.93 0.00	25.46 0.91 0.00	32.69 1.11 0.00	38.97 0.69 0.00	35.99 0.64 0.00	28.78 1.19 0.00	24.58 0.99 0.00	21.08 0.73 0.00	15.58 0.19 -1.63
DUNKIRK___2 23564	20.12 0.99 0.00	17.27 0.79 0.00	16.67 0.47 0.00	16.43 0.45 0.00	16.58 0.58 0.00	18.22 0.58 0.00	27.54 0.96 0.00	34.17 1.03 0.00	32.26 1.15 0.00	26.86 1.28 0.00	24.43 1.16 0.00	23.83 1.00 0.00	22.63 1.28 0.00	23.05 1.16 0.00	23.03 1.18 0.00	23.60 0.93 0.00	25.46 0.91 0.00	32.69 1.11 0.00	38.97 0.69 0.00	35.99 0.64 0.00	28.78 1.19 0.00	24.58 0.99 0.00	21.08 0.73 0.00	15.58 0.19 -1.63
DUNKIRK___3 23565	20.05 0.92 0.00	17.22 0.74 0.00	16.62 0.42 0.00	16.38 0.40 0.00	16.53 0.53 0.00	18.17 0.53 0.00	27.46 0.88 0.00	34.04 0.89 0.00	32.10 1.00 0.00	26.75 1.18 0.00	24.31 1.05 0.00	23.72 0.89 0.00	22.52 1.17 0.00	22.94 1.05 0.00	22.92 1.07 0.00	23.49 0.82 0.00	25.33 0.79 0.00	32.57 0.98 0.00	38.78 0.50 0.00	35.85 0.49 0.00	28.67 1.08 0.00	24.51 0.92 0.00	21.04 0.69 0.00	15.53 0.15 -1.62
DUNKIRK___4 23566	20.05 0.92 0.00	17.22 0.74 0.00	16.62 0.42 0.00	16.38 0.40 0.00	16.53 0.53 0.00	18.17 0.53 0.00	27.46 0.88 0.00	34.04 0.89 0.00	32.10 1.00 0.00	26.75 1.18 0.00	24.31 1.05 0.00	23.72 0.89 0.00	22.52 1.17 0.00	22.94 1.05 0.00	22.92 1.07 0.00	23.49 0.82 0.00	25.33 0.79 0.00	32.57 0.98 0.00	38.78 0.50 0.00	35.85 0.49 0.00	28.67 1.08 0.00	24.51 0.92 0.00	21.04 0.69 0.00	15.53 0.15 -1.62
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	20.22 1.09 0.00	17.38 0.91 0.00	17.13 0.92 0.00	16.86 0.88 0.00	16.88 0.88 0.00	18.66 1.02 0.00	28.15 1.57 0.00	35.20 2.05 0.00	33.40 2.02 -0.27	27.53 1.66 -0.29	25.11 1.63 -0.22	24.81 1.76 -0.22	23.07 1.60 -0.12	23.64 1.64 -0.11	23.57 1.64 -0.08	24.52 1.72 -0.12	26.56 1.79 -0.22	34.21 2.08 -0.54	41.14 2.53 -0.33	38.37 2.47 -0.55	29.56 1.68 -0.29	25.18 1.49 -0.10	21.73 1.38 0.00	20.14 0.95 -5.43
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	20.14 1.01 0.00	17.33 0.86 0.00	17.05 0.84 0.00	16.80 0.82 0.00	16.80 0.80 0.00	18.54 0.90 0.00	27.97 1.38 0.00	34.97 1.82 0.00	33.04 1.74 -0.19	27.19 1.41 -0.20	24.79 1.37 -0.15	24.42 1.44 -0.16	22.74 1.30 -0.09	23.32 1.36 -0.07	23.26 1.35 -0.06	24.19 1.43 -0.09	26.20 1.50 -0.16	33.83 1.86 -0.38	40.85 2.33 -0.23	37.97 2.23 -0.38	29.31 1.52 -0.20	24.98 1.32 -0.07	21.55 1.20 0.00	19.73 0.83 -5.15
E179THST_138_KV_TB4_REV_LBMP_J 345001	20.02 0.88 -0.01	17.25 0.76 -0.01	17.03 0.81 -0.01	16.94 0.96 0.00	16.91 0.91 0.00	18.53 0.88 -0.01	27.87 1.28 -0.01	34.93 1.79 0.00	33.18 1.80 -0.27	27.29 1.41 -0.30	24.95 1.47 -0.22	24.72 1.67 -0.23	22.96 1.47 -0.14	23.54 1.53 -0.12	23.47 1.53 -0.10	24.41 1.61 -0.13	26.41 1.64 -0.22	33.99 1.86 -0.54	40.91 2.30 -0.33	37.99 2.09 -0.55	29.32 1.43 -0.29	24.95 1.25 -0.11	21.57 1.20 -0.02	20.05 0.87 -5.42
E179THST_13_KV_LOAD 356214	20.10 0.96 -0.01	17.31 0.82 -0.01	17.08 0.86 -0.01	16.99 1.01 0.00	16.96 0.96 0.00	18.59 0.93 -0.01	27.98 1.38 -0.01	35.07 1.92 0.00	33.31 1.93 -0.27	27.39 1.51 -0.30	25.07 1.58 -0.22	24.84 1.78 -0.23	23.07 1.58 -0.14	23.65 1.64 -0.12	23.56 1.62 -0.10	24.53 1.72 -0.13	26.54 1.77 -0.22	34.15 2.02 -0.54	41.10 2.49 -0.33	38.16 2.26 -0.55	29.43 1.55 -0.29	25.05 1.34 -0.11	21.65 1.28 -0.02	20.10 0.92 -5.42

EAST HAMPTON___GT 23717	24.51 2.87 -2.52	22.35 2.44 -3.43	19.32 2.41 -0.70	18.32 2.33 -0.01	18.35 2.34 -0.01	20.96 2.65 -0.68	37.75 4.28 -6.89	52.43 4.90 -14.38	41.27 4.85 -5.31	37.76 4.30 -7.88	35.92 3.93 -8.72	34.21 3.97 -7.42	33.49 3.65 -8.49	34.12 3.74 -8.48	35.10 3.73 -9.52	35.20 3.90 -8.62	36.00 4.22 -7.23	62.21 4.99 -25.63	81.96 5.93 -37.74	85.21 5.73 -44.13	70.89 4.39 -38.91	43.42 3.85 -15.98	42.86 3.25 -19.26	38.03 2.13 -22.14
EAST RIVER___6 23660	19.99 1.09 0.23	17.36 0.94 0.05	17.13 0.96 0.03	16.89 0.94 0.03	16.91 0.94 0.03	18.57 1.06 0.13	27.47 1.59 0.70	34.25 2.22 1.12	32.58 2.21 0.74	27.02 1.74 0.30	24.83 1.75 0.18	24.58 1.92 0.16	22.94 1.71 0.12	23.47 1.77 0.19	23.41 1.77 0.21	24.27 1.84 0.24	26.11 1.86 0.30	33.36 2.21 0.44	39.91 2.72 1.09	37.01 2.33 0.68	28.96 1.77 0.39	24.84 1.53 0.28	21.63 1.38 0.10	20.00 0.89 -5.35
EAST RIVER___7 23524	19.99 1.09 0.23	17.36 0.94 0.05	17.13 0.96 0.03	16.89 0.94 0.03	16.91 0.94 0.03	18.57 1.06 0.13	27.47 1.59 0.70	34.25 2.22 1.12	32.58 2.21 0.74	27.02 1.74 0.30	24.83 1.75 0.18	24.58 1.92 0.16	22.94 1.71 0.12	23.47 1.77 0.19	23.41 1.77 0.21	24.27 1.84 0.24	26.11 1.86 0.30	33.36 2.21 0.44	39.91 2.72 1.09	37.01 2.33 0.68	28.96 1.77 0.39	24.84 1.53 0.28	21.63 1.38 0.10	20.00 0.89 -5.35
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	20.20 1.07 0.00	17.38 0.91 0.00	17.11 0.91 0.00	16.85 0.86 0.00	16.87 0.86 0.00	18.64 1.01 0.00	28.10 1.52 0.00	35.13 1.99 0.00	33.34 1.96 -0.27	27.48 1.61 -0.29	25.09 1.61 -0.22	24.76 1.71 -0.22	23.01 1.54 -0.12	23.57 1.58 -0.11	23.50 1.57 -0.08	24.45 1.66 -0.12	26.51 1.74 -0.22	34.15 2.02 -0.54	41.10 2.49 -0.33	38.27 2.37 -0.55	29.54 1.66 -0.29	25.13 1.44 -0.10	21.69 1.34 0.00	20.10 0.92 -5.42
EAST_HAMPTON___DIESEL 23722	24.51 2.87 -2.52	22.35 2.44 -3.43	19.32 2.41 -0.70	18.32 2.33 -0.01	18.35 2.34 -0.01	20.96 2.65 -0.68	37.75 4.28 -6.89	52.47 4.94 -14.38	41.27 4.85 -5.31	37.78 4.32 -7.88	35.92 3.93 -8.72	34.21 3.97 -7.42	33.49 3.65 -8.49	34.12 3.74 -8.48	35.13 3.76 -9.52	35.20 3.90 -8.62	36.02 4.25 -7.23	62.24 5.02 -25.63	81.99 5.97 -37.74	85.21 5.73 -44.13	70.89 4.39 -38.91	43.42 3.85 -15.98	42.86 3.25 -19.26	38.04 2.14 -22.14
EAST_PULASKI___ESR 323781	19.09 -0.04 0.00	16.43 -0.05 0.00	16.12 -0.08 0.00	15.90 -0.08 0.00	15.94 -0.06 0.00	17.59 -0.05 0.00	26.58 0.00 0.00	33.18 0.03 0.00	30.98 -0.12 0.00	25.42 -0.15 0.00	23.08 -0.19 0.00	22.60 -0.23 0.00	21.15 -0.19 0.00	21.69 -0.20 0.00	21.65 -0.20 0.00	22.42 -0.25 0.00	24.33 -0.22 0.00	31.40 -0.19 0.00	38.05 -0.23 0.00	35.14 -0.21 0.00	27.51 -0.08 0.00	23.52 -0.07 0.00	20.22 -0.12 0.00	14.57 -0.10 -0.92
EAST_RIVER___1 323558	19.99 1.09 0.23	17.35 0.92 0.05	17.11 0.94 0.03	16.88 0.93 0.03	16.90 0.93 0.03	18.57 1.06 0.13	27.47 1.59 0.70	34.22 2.19 1.12	32.55 2.18 0.74	26.97 1.69 0.30	24.81 1.72 0.18	24.53 1.87 0.16	22.89 1.67 0.12	23.43 1.73 0.19	23.36 1.73 0.21	24.22 1.79 0.24	26.09 1.84 0.30	33.30 2.15 0.44	39.83 2.64 1.09	36.97 2.30 0.68	28.93 1.74 0.39	24.82 1.51 0.28	21.63 1.38 0.10	20.01 0.91 -5.35
EAST_RIVER___2 323559	19.99 1.09 0.23	17.36 0.94 0.05	17.13 0.96 0.03	16.89 0.94 0.03	16.91 0.94 0.03	18.57 1.06 0.13	27.47 1.59 0.70	34.25 2.22 1.12	32.58 2.21 0.74	27.02 1.74 0.30	24.83 1.75 0.18	24.58 1.92 0.16	22.94 1.71 0.12	23.47 1.77 0.19	23.41 1.77 0.21	24.27 1.84 0.24	26.11 1.86 0.30	33.36 2.21 0.44	39.91 2.72 1.09	37.01 2.33 0.68	28.96 1.77 0.39	24.84 1.53 0.28	21.63 1.38 0.10	20.00 0.89 -5.35
EAST___DELAWARE_HYD 23607	20.33 1.21 0.00	17.48 1.01 0.00	17.16 0.96 0.00	16.92 0.94 0.00	16.91 0.91 0.00	18.66 1.02 0.00	28.10 1.51 0.00	35.17 2.02 0.00	33.07 1.83 -0.12	27.17 1.46 -0.13	24.76 1.40 -0.10	24.37 1.44 -0.10	22.73 1.32 -0.06	23.32 1.38 -0.05	23.26 1.38 -0.04	24.18 1.45 -0.06	26.22 1.57 -0.10	33.89 2.05 -0.25	40.96 2.53 -0.15	37.90 2.30 -0.25	29.38 1.66 -0.13	25.07 1.44 -0.05	21.69 1.34 0.00	19.36 0.87 -4.74
EIGHT_POINT___WT_PWR 323820	20.33 1.21 0.00	17.50 1.02 0.00	16.98 0.78 0.00	16.68 0.70 0.00	16.85 0.85 0.00	18.56 0.92 0.00	28.15 1.57 0.00	34.97 1.82 0.00	32.82 1.71 0.00	27.19 1.61 0.00	24.66 1.40 0.00	24.03 1.21 0.00	22.69 1.35 0.00	23.20 1.31 0.00	23.18 1.33 0.00	23.87 1.20 0.00	25.87 1.32 0.00	33.26 1.67 0.00	39.85 1.57 0.00	37.26 1.91 0.00	29.25 1.66 0.00	24.93 1.34 0.00	21.38 1.04 0.00	16.06 0.49 -1.81
ELBRIDGE_115KV_TB2 80188	19.47 0.34 0.00	16.76 0.28 0.00	16.43 0.23 0.00	16.21 0.22 0.00	16.27 0.27 0.00	17.92 0.28 0.00	27.06 0.48 0.00	33.74 0.60 0.00	31.61 0.50 0.00	26.04 0.46 0.00	23.66 0.40 0.00	23.15 0.32 0.00	21.73 0.38 0.00	22.26 0.37 0.00	22.22 0.37 0.00	23.01 0.34 0.00	24.92 0.37 0.00	32.09 0.51 0.00	38.74 0.46 0.00	35.78 0.42 0.00	28.06 0.47 0.00	23.99 0.40 0.00	20.63 0.28 0.00	15.22 0.17 -1.30
ELEC_TRO_TEK 24086	23.10 1.45 -2.52	21.13 1.22 -3.43	18.13 1.23 -0.70	17.18 1.20 0.00	17.20 1.20 0.00	19.69 1.38 -0.68	30.87 2.07 -2.21	35.50 2.35 0.00	33.74 2.36 -0.27	30.30 2.15 -2.57	28.44 2.02 -3.15	27.92 2.15 -2.95	27.85 1.94 -4.56	27.83 1.99 -3.95	27.86 1.99 -4.03	27.98 2.09 -3.22	28.50 2.21 -1.75	34.62 2.50 -0.54	41.56 2.95 -0.33	39.65 2.97 -1.32	30.03 2.15 -0.29	28.79 1.82 -3.39	27.49 1.75 -5.39	23.94 1.21 -8.97
ELLENBURG_WT_PWR 323604	19.17 0.04 0.00	16.51 0.03 0.00	16.20 0.00 0.00	16.05 0.06 0.00	16.00 0.00 0.00	17.69 0.05 0.00	26.85 0.27 0.00	33.54 0.40 0.00	31.51 0.40 0.00	26.04 0.46 0.00	23.62 0.35 0.00	23.08 0.25 0.00	21.58 0.24 0.00	22.09 0.20 0.00	22.04 0.20 0.00	22.90 0.23 0.00	24.84 0.30 0.00	32.03 0.44 0.00	38.97 0.69 0.00	35.81 0.46 0.00	27.92 0.33 0.00	23.87 0.28 0.00	20.45 0.10 0.00	13.77 0.01 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	19.72 0.59 0.00	16.94 0.46 0.00	16.38 0.18 0.00	16.16 0.18 0.00	16.29 0.29 0.00	17.92 0.28 0.00	26.96 0.37 0.00	33.34 0.20 0.00	31.51 0.40 0.00	26.24 0.67 0.00	23.87 0.60 0.00	23.31 0.48 0.00	22.12 0.77 0.00	22.55 0.66 0.00	22.52 0.68 0.00	23.08 0.41 0.00	24.89 0.34 0.00	31.91 0.32 0.00	37.86 -0.42 0.00	35.00 -0.35 0.00	28.14 0.55 0.00	24.13 0.54 0.00	20.75 0.41 0.00	15.38 0.04 -1.58
EMPIRE_CC_1 323656	19.74 0.61 0.00	17.04 0.56 0.00	16.82 0.62 0.00	16.60 0.62 0.00	16.61 0.61 0.00	18.33 0.69 0.00	27.54 0.96 0.00	34.34 1.19 0.00	31.65 1.12 0.57	25.78 0.82 0.62	23.60 0.79 0.46	23.17 0.82 0.48	21.81 0.73 0.26	22.45 0.79 0.23	22.48 0.81 0.18	23.27 0.86 0.26	24.99 0.91 0.47	31.65 1.20 1.14	39.07 1.49 0.70	35.51 1.31 1.16	27.97 0.99 0.62	24.17 0.80 0.22	21.10 0.75 0.00	20.61 0.49 -6.36

EMPIRE_CC_2 323658	19.74 0.61 0.00	17.04 0.56 0.00	16.82 0.62 0.00	16.60 0.62 0.00	16.61 0.61 0.00	18.33 0.69 0.00	27.54 0.96 0.00	34.34 1.19 0.00	31.65 1.12 0.57	25.78 0.82 0.62	23.60 0.79 0.46	23.17 0.82 0.48	21.81 0.73 0.26	22.45 0.79 0.23	22.48 0.81 0.18	23.27 0.86 0.26	24.99 0.91 0.47	31.65 1.20 1.14	39.07 1.49 0.70	35.51 1.31 1.16	27.97 0.99 0.62	24.17 0.80 0.22	21.10 0.75 0.00	20.61 0.49 -6.36
ENORWICH_115KV_TB1 80156	20.87 1.74 0.00	17.91 1.43 0.00	17.56 1.36 0.00	17.31 1.33 0.00	17.33 1.33 0.00	19.16 1.52 0.00	29.43 2.84 0.00	36.92 3.78 0.00	34.22 3.11 0.00	27.88 2.30 0.00	25.22 1.95 0.00	24.58 1.76 0.00	23.05 1.71 0.00	23.58 1.69 0.00	23.53 1.68 0.00	24.46 1.79 0.00	26.66 2.11 0.00	34.62 3.03 0.00	42.07 3.79 0.00	38.89 3.54 0.00	30.46 2.87 0.00	25.95 2.36 0.00	22.10 1.75 0.00	17.23 1.03 -2.45
ERIE_ST__34_KV_TB1-2 80199	20.07 0.94 0.00	17.22 0.74 0.00	16.62 0.42 0.00	16.40 0.42 0.00	16.56 0.56 0.00	18.20 0.56 0.00	27.49 0.90 0.00	34.07 0.93 0.00	32.14 1.03 0.00	26.75 1.18 0.00	24.31 1.05 0.00	23.72 0.89 0.00	22.52 1.17 0.00	22.96 1.07 0.00	22.94 1.09 0.00	23.49 0.82 0.00	25.33 0.79 0.00	32.57 0.98 0.00	38.78 0.50 0.00	35.85 0.49 0.00	28.69 1.10 0.00	24.58 0.99 0.00	21.10 0.75 0.00	15.36 0.00 -1.60
ERIE_WT_PWR 323693	19.91 0.78 0.00	17.15 0.68 0.00	16.59 0.39 0.00	16.29 0.30 0.00	16.43 0.43 0.00	18.06 0.42 0.00	27.22 0.64 0.00	33.67 0.53 0.00	31.82 0.72 0.00	26.50 0.92 0.00	24.08 0.81 0.00	23.51 0.68 0.00	22.31 0.96 0.00	22.74 0.85 0.00	22.72 0.87 0.00	23.29 0.61 0.00	25.23 0.69 0.00	32.25 0.66 0.00	38.28 0.00 0.00	36.20 0.85 0.00	28.42 0.83 0.00	24.29 0.71 0.00	20.94 0.59 0.00	15.52 0.17 -1.60
ESPRGFLD_115KV_TB1 80157	20.14 1.01 0.00	17.32 0.84 0.00	17.05 0.84 0.00	16.81 0.83 0.00	16.82 0.82 0.00	18.56 0.92 0.00	28.20 1.62 0.00	35.27 2.12 0.00	33.04 1.93 0.00	27.09 1.51 0.00	24.66 1.40 0.00	24.20 1.37 0.00	22.63 1.28 0.00	23.14 1.25 0.00	23.09 1.25 0.00	23.97 1.29 0.00	25.97 1.42 0.00	33.48 1.90 0.00	40.57 2.30 0.00	37.51 2.16 0.00	29.27 1.68 0.00	24.98 1.39 0.00	21.48 1.14 0.00	17.82 0.73 -3.33
ETNA_115_KV_TB1_REV_LBMP_C 345029	19.93 0.80 0.00	17.15 0.68 0.00	16.80 0.60 0.00	16.56 0.58 0.00	16.64 0.64 0.00	18.34 0.71 0.00	27.81 1.22 0.00	34.70 1.56 0.00	32.45 1.34 0.00	26.68 1.10 0.00	24.17 0.91 0.00	23.62 0.80 0.00	22.16 0.81 0.00	22.72 0.83 0.00	22.70 0.85 0.00	23.53 0.86 0.00	25.53 0.98 0.00	32.95 1.36 0.00	39.81 1.53 0.00	36.77 1.41 0.00	28.83 1.24 0.00	24.63 1.04 0.00	21.14 0.79 0.00	16.12 0.47 -1.90
ETNA_____115KV_TB2 80207	19.93 0.80 0.00	17.15 0.68 0.00	16.80 0.60 0.00	16.56 0.58 0.00	16.64 0.64 0.00	18.34 0.71 0.00	27.81 1.22 0.00	34.70 1.56 0.00	32.45 1.34 0.00	26.68 1.10 0.00	24.17 0.91 0.00	23.62 0.80 0.00	22.16 0.81 0.00	22.72 0.83 0.00	22.70 0.85 0.00	23.53 0.86 0.00	25.53 0.98 0.00	32.95 1.36 0.00	39.81 1.53 0.00	36.77 1.41 0.00	28.83 1.24 0.00	24.63 1.04 0.00	21.14 0.79 0.00	16.12 0.47 -1.90
EUCLID__115KV_TB2 356179	19.17 0.04 0.00	16.49 0.02 0.00	16.19 -0.02 0.00	15.95 -0.03 0.00	16.02 0.02 0.00	17.66 0.02 0.00	26.58 0.00 0.00	33.15 0.00 0.00	31.08 -0.03 0.00	25.60 0.03 0.00	23.27 0.00 0.00	22.78 -0.05 0.00	21.37 0.02 0.00	21.89 0.00 0.00	21.85 0.00 0.00	22.63 -0.05 0.00	24.50 -0.05 0.00	31.56 -0.03 0.00	38.12 -0.15 0.00	35.21 -0.14 0.00	27.59 0.00 0.00	23.56 -0.02 0.00	20.28 -0.06 0.00	14.84 -0.04 -1.12
E_CANADA_CAP_HY 24051	20.05 0.92 0.00	17.27 0.79 0.00	17.03 0.83 0.00	16.80 0.81 0.00	16.83 0.83 0.00	18.66 1.02 0.00	28.55 1.97 0.00	35.60 2.45 0.00	32.95 2.05 0.21	26.81 1.46 0.23	24.35 1.26 0.17	23.79 1.14 0.18	22.17 0.92 0.10	22.90 1.09 0.08	22.96 1.18 0.07	24.00 1.43 0.10	25.77 1.40 0.17	33.20 2.02 0.42	40.89 2.87 0.26	37.44 2.51 0.42	29.27 1.90 0.23	25.16 1.65 0.08	21.55 1.20 0.00	21.23 0.70 -6.77
E_CANADA_MHWK_HY 24050	19.59 0.46 0.00	16.87 0.39 0.00	16.61 0.41 0.00	16.37 0.38 0.00	16.37 0.37 0.00	18.06 0.42 0.00	27.17 0.58 0.00	33.87 0.73 0.00	31.76 0.65 0.00	26.09 0.51 0.00	23.73 0.47 0.00	23.28 0.46 0.00	21.75 0.40 0.00	22.28 0.39 0.00	22.24 0.39 0.00	23.08 0.41 0.00	25.01 0.47 0.00	32.19 0.60 0.00	39.00 0.73 0.00	36.06 0.71 0.00	28.14 0.55 0.00	24.06 0.47 0.00	20.83 0.49 0.00	14.21 0.32 -0.13
E_FISHKILL__LBMP 23776	20.07 0.94 0.00	17.27 0.79 0.00	17.01 0.81 0.00	16.77 0.78 0.00	16.77 0.77 0.00	18.52 0.88 0.00	27.89 1.30 0.00	34.87 1.72 0.00	33.03 1.65 -0.27	27.23 1.36 -0.29	24.83 1.35 -0.22	24.49 1.44 -0.23	22.75 1.28 -0.12	23.33 1.34 -0.11	23.26 1.33 -0.08	24.20 1.41 -0.12	26.24 1.47 -0.22	33.87 1.74 -0.54	40.76 2.14 -0.33	37.96 2.05 -0.55	29.29 1.41 -0.29	24.92 1.23 -0.10	21.51 1.16 0.00	20.06 0.80 -5.51
FALCON__SEABRD_CC1 323796	19.38 0.25 0.00	16.71 0.23 0.00	16.38 0.18 0.00	16.22 0.24 0.00	16.18 0.18 0.00	17.89 0.25 0.00	27.20 0.61 0.00	34.01 0.86 0.00	31.95 0.84 0.00	26.40 0.82 0.00	23.92 0.65 0.00	23.37 0.55 0.00	21.86 0.51 0.00	22.37 0.48 0.00	22.33 0.48 0.00	23.19 0.52 0.00	25.16 0.61 0.00	32.44 0.85 0.00	39.50 1.22 0.00	36.31 0.95 0.00	28.31 0.72 0.00	24.20 0.61 0.00	20.69 0.35 0.00	13.93 0.18 0.00
FALCON__SEABRD_CC2 323797	19.38 0.25 0.00	16.71 0.23 0.00	16.38 0.18 0.00	16.22 0.24 0.00	16.18 0.18 0.00	17.89 0.25 0.00	27.20 0.61 0.00	34.01 0.86 0.00	31.95 0.84 0.00	26.40 0.82 0.00	23.92 0.65 0.00	23.37 0.55 0.00	21.86 0.51 0.00	22.37 0.48 0.00	22.33 0.48 0.00	23.19 0.52 0.00	25.16 0.61 0.00	32.44 0.85 0.00	39.50 1.22 0.00	36.31 0.95 0.00	28.31 0.72 0.00	24.20 0.61 0.00	20.69 0.35 0.00	13.93 0.18 0.00
FAR ROCKAWAY__4 23548	23.37 1.72 -2.52	21.34 1.43 -3.43	18.34 1.44 -0.70	17.37 1.39 0.00	17.39 1.39 0.00	19.90 1.59 -0.68	31.18 2.39 -2.20	35.90 2.75 0.00	34.12 2.74 -0.27	30.58 2.43 -2.57	28.72 2.30 -3.15	28.17 2.40 -2.95	28.10 2.20 -4.56	28.09 2.25 -3.95	28.10 2.23 -4.03	28.25 2.36 -3.22	28.80 2.50 -1.75	35.03 2.91 -0.54	42.05 3.45 -0.33	40.14 3.46 -1.32	30.39 2.51 -0.29	29.19 2.22 -3.39	27.79 2.05 -5.39	24.12 1.39 -8.97
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	20.25 1.11 -0.01	17.43 0.94 -0.01	17.17 0.96 -0.01	16.91 0.93 0.00	16.93 0.93 0.00	18.71 1.06 -0.01	28.22 1.60 -0.04	35.33 2.19 0.00	33.52 2.15 -0.27	27.60 1.69 -0.33	25.26 1.72 -0.27	24.97 1.87 -0.28	23.22 1.67 -0.21	23.80 1.73 -0.18	23.73 1.73 -0.16	24.65 1.79 -0.18	26.69 1.89 -0.25	34.27 2.15 -0.54	41.25 2.64 -0.33	38.37 2.47 -0.55	29.62 1.74 -0.29	25.29 1.53 -0.17	21.85 1.40 -0.10	20.25 0.99 -5.50

FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	20.25 1.11 -0.01	17.43 0.94 -0.01	17.17 0.96 -0.01	16.91 0.93 0.00	16.95 0.94 0.00	18.71 1.06 -0.01	28.22 1.60 -0.04	35.33 2.19 0.00	33.52 2.15 -0.27	27.60 1.69 -0.33	25.26 1.72 -0.27	24.97 1.87 -0.28	23.22 1.67 -0.21	23.80 1.73 -0.18	23.73 1.73 -0.16	24.65 1.79 -0.18	26.69 1.89 -0.25	34.27 2.15 -0.54	41.25 2.64 -0.33	38.37 2.47 -0.55	29.62 1.74 -0.29	25.29 1.53 -0.17	21.85 1.40 -0.10	20.26 1.00 -5.50
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	20.23 1.09 -0.01	17.41 0.92 -0.01	17.17 0.96 -0.01	16.91 0.93 0.00	16.93 0.93 0.00	18.71 1.06 -0.01	28.19 1.57 -0.04	35.30 2.15 0.00	33.52 2.15 -0.27	27.60 1.69 -0.33	25.24 1.70 -0.27	24.95 1.85 -0.28	23.22 1.67 -0.21	23.78 1.71 -0.18	23.71 1.70 -0.16	24.65 1.79 -0.18	26.66 1.87 -0.25	34.24 2.12 -0.54	41.21 2.60 -0.33	38.34 2.44 -0.55	29.59 1.71 -0.29	25.26 1.51 -0.17	21.85 1.40 -0.10	20.25 0.99 -5.50
FARRAGUT___LBMP 323566	20.23 1.09 -0.01	17.41 0.92 -0.01	17.16 0.94 -0.01	16.89 0.91 0.00	16.93 0.93 0.00	18.69 1.04 -0.01	28.19 1.57 -0.04	35.27 2.12 0.00	33.49 2.12 -0.27	27.57 1.66 -0.33	25.21 1.68 -0.27	24.93 1.83 -0.28	23.20 1.64 -0.21	23.76 1.69 -0.18	23.69 1.68 -0.16	24.63 1.77 -0.18	26.66 1.87 -0.25	34.24 2.12 -0.54	41.21 2.60 -0.33	38.30 2.40 -0.55	29.59 1.71 -0.29	25.24 1.49 -0.17	21.83 1.38 -0.10	20.23 0.98 -5.50
FENNER___WINDPWR 24204	19.70 0.57 0.00	16.94 0.46 0.00	16.67 0.47 0.00	16.43 0.45 0.00	16.43 0.43 0.00	18.15 0.51 0.00	27.51 0.93 0.00	34.44 1.29 0.00	32.10 1.00 0.00	26.24 0.66 0.00	23.85 0.58 0.00	23.35 0.53 0.00	21.84 0.49 0.00	22.37 0.48 0.00	22.33 0.48 0.00	23.22 0.54 0.00	25.23 0.69 0.00	32.57 0.98 0.00	39.50 1.22 0.00	36.52 1.16 0.00	28.50 0.91 0.00	24.32 0.73 0.00	20.94 0.59 0.00	15.20 0.34 -1.10
FIBERTEK___ENERGY 23856	19.45 0.33 0.00	16.74 0.26 0.00	16.43 0.23 0.00	16.19 0.21 0.00	16.26 0.26 0.00	17.92 0.28 0.00	27.01 0.43 0.00	33.71 0.56 0.00	31.58 0.47 0.00	26.01 0.43 0.00	23.62 0.35 0.00	23.12 0.30 0.00	21.69 0.34 0.00	22.24 0.35 0.00	22.17 0.33 0.00	22.97 0.29 0.00	24.89 0.34 0.00	32.03 0.44 0.00	38.70 0.42 0.00	35.74 0.39 0.00	28.00 0.41 0.00	23.96 0.38 0.00	20.59 0.24 0.00	15.15 0.15 -1.24
FITZPATRICK____ 23598	18.80 -0.33 0.00	16.20 -0.28 0.00	15.90 -0.31 0.00	15.68 -0.30 0.00	15.72 -0.29 0.00	17.32 -0.32 0.00	26.02 -0.56 0.00	32.42 -0.73 0.00	30.42 -0.68 0.00	25.04 -0.54 0.00	22.76 -0.51 0.00	22.30 -0.52 0.00	20.90 -0.45 0.00	21.43 -0.46 0.00	21.37 -0.48 0.00	22.15 -0.52 0.00	24.01 -0.54 0.00	30.89 -0.70 0.00	37.36 -0.92 0.00	34.58 -0.78 0.00	26.98 -0.61 0.00	23.07 -0.52 0.00	19.90 -0.45 0.00	14.29 -0.27 -0.81
FLOWRFLD_69_KV_BK1 356044	23.65 2.01 -2.52	21.59 1.68 -3.43	18.57 1.67 -0.70	17.60 1.61 0.00	17.63 1.63 0.00	20.17 1.85 -0.68	38.39 3.00 -8.81	56.57 3.15 -20.27	41.60 3.20 -7.29	36.90 3.04 -8.28	35.10 2.70 -9.14	33.37 2.83 -7.71	32.70 2.60 -8.74	33.36 2.69 -8.78	34.40 2.67 -9.89	34.42 2.77 -8.98	35.13 2.95 -7.64	62.27 3.25 -27.42	82.47 3.79 -40.41	86.38 3.85 -47.18	72.13 2.90 -41.65	42.82 2.34 -16.89	42.91 2.30 -20.27	38.42 1.61 -23.06
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	20.26 1.13 0.00	17.43 0.96 0.00	17.14 0.94 0.00	16.91 0.93 0.00	16.90 0.90 0.00	18.66 1.02 0.00	28.13 1.54 0.00	35.20 2.05 0.00	33.24 1.93 -0.20	27.33 1.53 -0.21	24.94 1.51 -0.16	24.54 1.55 -0.17	22.85 1.41 -0.09	23.46 1.49 -0.08	23.39 1.49 -0.06	24.31 1.54 -0.09	26.36 1.64 -0.16	34.10 2.12 -0.40	41.13 2.60 -0.25	38.23 2.47 -0.41	29.49 1.68 -0.22	25.13 1.46 -0.08	21.67 1.32 0.00	20.05 0.92 -5.37
FORT ORANGE____ 23900	19.51 0.38 0.00	16.89 0.41 0.00	16.66 0.45 0.00	16.49 0.51 0.00	16.48 0.48 0.00	18.13 0.49 0.00	27.35 0.77 0.00	33.97 0.83 0.00	31.61 0.78 0.27	25.85 0.56 0.29	23.61 0.56 0.22	23.15 0.55 0.23	21.67 0.45 0.12	22.31 0.52 0.11	22.31 0.55 0.08	23.16 0.61 0.13	24.97 0.64 0.22	31.98 0.92 0.52	39.14 1.19 0.32	35.85 1.03 0.53	28.05 0.75 0.28	24.08 0.59 0.10	20.91 0.57 0.00	20.64 0.34 -6.54
FORT_DRUM_COGEN 23780	19.20 0.08 0.00	16.49 0.02 0.00	16.22 0.02 0.00	16.00 0.02 0.00	15.97 -0.03 0.00	17.67 0.04 0.00	27.04 0.45 0.00	33.84 0.70 0.00	31.39 0.28 0.00	25.55 -0.03 0.00	23.13 -0.14 0.00	22.62 -0.21 0.00	21.13 -0.21 0.00	21.65 -0.24 0.00	21.61 -0.24 0.00	22.45 -0.23 0.00	24.42 -0.12 0.00	31.68 0.09 0.00	38.66 0.38 0.00	35.78 0.42 0.00	27.95 0.36 0.00	23.92 0.33 0.00	20.45 0.10 0.00	14.38 0.00 -0.62
FPL_FAR_ROCK_GT1 24212	23.35 1.70 -2.52	21.34 1.43 -3.43	18.33 1.43 -0.70	17.38 1.39 -0.01	17.40 1.39 -0.01	19.91 1.59 -0.68	31.18 2.39 -2.20	35.93 2.78 0.00	34.12 2.74 -0.27	30.60 2.46 -2.57	28.72 2.30 -3.15	28.17 2.40 -2.95	28.10 2.20 -4.56	28.09 2.26 -3.95	28.11 2.23 -4.03	28.23 2.34 -3.22	28.77 2.48 -1.75	34.97 2.84 -0.54	42.06 3.45 -0.33	40.00 3.32 -1.32	30.40 2.51 -0.30	29.19 2.22 -3.39	27.75 2.01 -5.39	24.08 1.32 -9.01
FPL_FAR_ROCK_GT2 23815	23.35 1.70 -2.52	21.34 1.43 -3.43	18.33 1.43 -0.70	17.38 1.39 -0.01	17.40 1.39 -0.01	19.91 1.59 -0.68	31.18 2.39 -2.20	35.93 2.78 0.00	34.12 2.74 -0.27	30.60 2.46 -2.57	28.72 2.30 -3.15	28.17 2.40 -2.95	28.10 2.20 -4.56	28.09 2.26 -3.95	28.11 2.23 -4.03	28.23 2.34 -3.22	28.77 2.48 -1.75	34.97 2.84 -0.54	42.06 3.45 -0.33	40.00 3.32 -1.32	30.40 2.51 -0.30	29.19 2.22 -3.39	27.75 2.01 -5.39	24.08 1.32 -9.01
FRANKLIN_FALL_HYD 24054	19.17 0.04 0.00	16.51 0.03 0.00	16.20 0.00 0.00	16.05 0.06 0.00	15.99 -0.02 0.00	17.67 0.04 0.00	26.85 0.27 0.00	33.58 0.43 0.00	31.54 0.44 0.00	25.99 0.41 0.00	23.48 0.21 0.00	22.94 0.11 0.00	21.41 0.06 0.00	21.91 0.02 0.00	21.89 0.04 0.00	22.74 0.07 0.00	24.65 0.10 0.00	31.81 0.22 0.00	38.78 0.50 0.00	35.64 0.28 0.00	27.84 0.25 0.00	23.82 0.24 0.00	20.47 0.12 0.00	13.80 0.04 0.00
FREEPORT_EQUS_GT1 23764	23.27 1.62 -2.52	21.26 1.35 -3.43	18.26 1.36 -0.70	17.32 1.33 -0.01	17.34 1.33 -0.01	19.83 1.52 -0.68	31.12 2.31 -2.23	35.76 2.62 0.00	33.99 2.61 -0.27	30.50 2.35 -2.57	28.62 2.21 -3.15	28.08 2.30 -2.95	28.02 2.11 -4.56	28.00 2.17 -3.95	28.04 2.16 -4.03	28.16 2.27 -3.22	28.67 2.38 -1.75	34.81 2.68 -0.54	41.86 3.25 -0.33	39.82 3.15 -1.32	30.23 2.34 -0.30	29.05 2.08 -3.39	27.65 1.91 -5.39	24.01 1.25 -9.01
FREEPORT___CT2 23818	23.27 1.62 -2.52	21.26 1.35 -3.43	18.26 1.36 -0.70	17.32 1.33 -0.01	17.34 1.33 -0.01	19.83 1.52 -0.68	31.12 2.31 -2.23	35.76 2.62 0.00	33.99 2.61 -0.27	30.50 2.35 -2.57	28.62 2.21 -3.15	28.08 2.30 -2.95	28.02 2.11 -4.56	28.00 2.17 -3.95	28.04 2.16 -4.03	28.16 2.27 -3.22	28.67 2.38 -1.75	34.81 2.68 -0.54	41.86 3.25 -0.33	39.82 3.15 -1.32	30.23 2.34 -0.30	29.05 2.08 -3.39	27.65 1.91 -5.39	24.01 1.25 -9.01

FRESHKLS_33_KV_LOAD 356253	20.25 1.11 -0.01	17.39 0.91 -0.01	17.17 0.96 -0.01	16.97 0.99 0.00	16.96 0.96 0.00	18.66 1.01 -0.01	28.12 1.49 -0.04	34.93 1.79 0.00	33.15 1.77 -0.27	27.27 1.36 -0.33	24.98 1.44 -0.27	24.77 1.67 -0.28	23.01 1.45 -0.21	23.60 1.53 -0.18	23.54 1.53 -0.16	24.51 1.66 -0.18	26.52 1.72 -0.25	34.08 1.96 -0.54	41.06 2.45 -0.33	38.16 2.26 -0.55	29.59 1.71 -0.29	25.12 1.37 -0.17	21.79 1.34 -0.11	20.25 0.99 -5.50
FULTON COGEN____ 23766	19.09 -0.04 0.00	16.43 -0.05 0.00	16.14 -0.06 0.00	15.90 -0.08 0.00	15.97 -0.03 0.00	17.60 -0.04 0.00	26.42 -0.16 0.00	32.95 -0.20 0.00	30.86 -0.25 0.00	25.42 -0.15 0.00	23.10 -0.16 0.00	22.62 -0.21 0.00	21.20 -0.15 0.00	21.74 -0.15 0.00	21.69 -0.15 0.00	22.47 -0.20 0.00	24.35 -0.20 0.00	31.37 -0.22 0.00	37.93 -0.34 0.00	35.04 -0.32 0.00	27.42 -0.17 0.00	23.47 -0.12 0.00	20.20 -0.14 0.00	14.67 -0.10 -1.01
FULTON____LFGE 323630	20.52 1.40 0.00	17.65 1.17 0.00	17.40 1.20 0.00	17.16 1.18 0.00	17.20 1.20 0.00	19.10 1.46 0.00	29.03 2.44 0.00	36.13 2.98 0.00	33.41 2.52 0.21	27.11 1.76 0.23	24.59 1.49 0.17	24.04 1.39 0.18	22.42 1.17 0.10	23.19 1.38 0.08	23.29 1.51 0.07	24.36 1.79 0.10	26.29 1.92 0.17	33.86 2.68 0.42	41.66 3.64 0.26	38.15 3.22 0.42	29.82 2.45 0.23	25.51 2.00 0.08	22.05 1.71 0.00	21.54 1.02 -6.77
G.F.CEMENT____DRP 24184	19.99 0.86 0.00	17.22 0.74 0.00	16.97 0.76 0.00	16.73 0.75 0.00	16.75 0.75 0.00	18.54 0.90 0.00	28.50 1.91 0.00	35.53 2.39 0.00	32.97 2.15 0.28	26.94 1.66 0.30	24.53 1.49 0.23	23.98 1.39 0.23	22.33 1.11 0.13	23.03 1.25 0.11	23.00 1.25 0.09	23.97 1.43 0.13	25.73 1.40 0.21	33.04 1.96 0.51	40.60 2.64 0.32	37.27 2.44 0.52	29.13 1.82 0.28	24.81 1.32 0.10	21.44 1.10 0.00	21.10 0.62 -6.73
GARDENVILLE____LBMP 24039	19.82 0.69 0.00	17.02 0.54 0.00	16.46 0.26 0.00	16.22 0.24 0.00	16.37 0.37 0.00	17.99 0.35 0.00	27.09 0.51 0.00	33.54 0.40 0.00	31.67 0.56 0.00	26.37 0.79 0.00	23.99 0.72 0.00	23.40 0.57 0.00	22.22 0.88 0.00	22.63 0.74 0.00	22.63 0.79 0.00	23.17 0.50 0.00	25.01 0.47 0.00	32.06 0.47 0.00	38.12 -0.15 0.00	35.25 -0.11 0.00	28.28 0.69 0.00	24.22 0.64 0.00	20.83 0.49 0.00	15.42 0.07 -1.60
GARDNVLA_35_KV_LD 355827	19.91 0.78 0.00	17.10 0.63 0.00	16.53 0.32 0.00	16.30 0.32 0.00	16.45 0.45 0.00	18.08 0.44 0.00	27.25 0.66 0.00	33.74 0.60 0.00	31.86 0.75 0.00	26.52 0.95 0.00	24.13 0.86 0.00	23.53 0.71 0.00	22.35 1.00 0.00	22.77 0.88 0.00	22.74 0.90 0.00	23.31 0.63 0.00	25.14 0.59 0.00	32.25 0.66 0.00	38.35 0.08 0.00	35.46 0.11 0.00	28.45 0.86 0.00	24.37 0.78 0.00	20.96 0.61 0.00	15.48 0.12 -1.60
GELCKHM__115KV_LOAD 80723	19.26 0.13 0.00	16.59 0.12 0.00	16.27 0.06 0.00	16.05 0.06 0.00	16.11 0.11 0.00	17.75 0.11 0.00	26.77 0.19 0.00	33.34 0.20 0.00	31.26 0.16 0.00	25.76 0.18 0.00	23.41 0.14 0.00	22.92 0.09 0.00	21.50 0.15 0.00	22.02 0.13 0.00	21.98 0.13 0.00	22.76 0.09 0.00	24.65 0.10 0.00	31.75 0.16 0.00	38.35 0.08 0.00	35.42 0.07 0.00	27.76 0.17 0.00	23.71 0.12 0.00	20.39 0.04 0.00	14.95 0.03 -1.17
GENERAL____MILLS 23808	19.87 0.75 0.00	17.07 0.59 0.00	16.51 0.31 0.00	16.27 0.29 0.00	16.42 0.42 0.00	18.05 0.41 0.00	27.19 0.61 0.00	33.64 0.50 0.00	31.79 0.68 0.00	26.47 0.90 0.00	24.06 0.79 0.00	23.49 0.66 0.00	22.31 0.96 0.00	22.72 0.83 0.00	22.70 0.85 0.00	23.26 0.59 0.00	25.09 0.54 0.00	32.19 0.60 0.00	38.24 -0.04 0.00	35.35 0.00 0.00	28.39 0.80 0.00	24.32 0.73 0.00	20.92 0.57 0.00	15.45 0.10 -1.60
GE_PLASTICS____DRP 24183	19.59 0.46 0.00	16.92 0.44 0.00	16.69 0.49 0.00	16.49 0.51 0.00	16.50 0.50 0.00	18.17 0.53 0.00	27.35 0.77 0.00	34.04 0.89 0.00	31.74 0.84 0.21	26.00 0.64 0.22	23.73 0.63 0.16	23.32 0.66 0.17	21.83 0.58 0.09	22.42 0.61 0.08	22.42 0.63 0.06	23.26 0.68 0.09	25.12 0.74 0.16	32.14 0.95 0.40	39.22 1.19 0.25	36.04 1.10 0.41	28.15 0.77 0.22	24.12 0.61 0.08	20.98 0.63 0.00	20.69 0.39 -6.55
GILBOA____1 23756	19.76 0.63 0.00	17.02 0.54 0.00	16.82 0.62 0.00	16.57 0.59 0.00	16.61 0.61 0.00	18.24 0.60 0.00	27.49 0.90 0.00	34.21 1.06 0.00	32.20 1.09 0.00	26.45 0.87 0.00	24.10 0.84 0.00	23.69 0.87 0.00	22.14 0.79 0.00	22.72 0.83 0.00	22.68 0.83 0.00	23.53 0.86 0.00	25.46 0.91 0.00	32.72 1.14 0.00	39.58 1.30 0.00	36.52 1.16 0.00	28.55 0.97 0.00	24.39 0.80 0.00	21.10 0.75 0.00	19.67 0.49 -5.42
GILBOA____2 23757	19.76 0.63 0.00	17.02 0.54 0.00	16.82 0.62 0.00	16.57 0.59 0.00	16.61 0.61 0.00	18.24 0.60 0.00	27.49 0.90 0.00	34.21 1.06 0.00	32.20 1.09 0.00	26.45 0.87 0.00	24.10 0.84 0.00	23.69 0.87 0.00	22.14 0.79 0.00	22.72 0.83 0.00	22.68 0.83 0.00	23.53 0.86 0.00	25.46 0.91 0.00	32.72 1.14 0.00	39.58 1.30 0.00	36.52 1.16 0.00	28.55 0.97 0.00	24.39 0.80 0.00	21.10 0.75 0.00	19.67 0.49 -5.42
GILBOA____3 23758	19.76 0.63 0.00	17.02 0.54 0.00	16.82 0.62 0.00	16.57 0.59 0.00	16.61 0.61 0.00	18.24 0.60 0.00	27.49 0.90 0.00	34.21 1.06 0.00	32.20 1.09 0.00	26.45 0.87 0.00	24.10 0.84 0.00	23.69 0.87 0.00	22.14 0.79 0.00	22.72 0.83 0.00	22.68 0.83 0.00	23.53 0.86 0.00	25.46 0.91 0.00	32.72 1.14 0.00	39.58 1.30 0.00	36.52 1.16 0.00	28.55 0.97 0.00	24.39 0.80 0.00	21.10 0.75 0.00	19.67 0.49 -5.42
GILBOA____4 23759	19.76 0.63 0.00	17.02 0.54 0.00	16.82 0.62 0.00	16.57 0.59 0.00	16.61 0.61 0.00	18.24 0.60 0.00	27.49 0.90 0.00	34.21 1.06 0.00	32.20 1.09 0.00	26.45 0.87 0.00	24.10 0.84 0.00	23.69 0.87 0.00	22.14 0.79 0.00	22.72 0.83 0.00	22.68 0.83 0.00	23.53 0.86 0.00	25.46 0.91 0.00	32.72 1.14 0.00	39.58 1.30 0.00	36.52 1.16 0.00	28.55 0.97 0.00	24.39 0.80 0.00	21.10 0.75 0.00	19.67 0.49 -5.42
GILBOA____ 23599	19.76 0.63 0.00	17.02 0.54 0.00	16.82 0.62 0.00	16.57 0.59 0.00	16.61 0.61 0.00	18.24 0.60 0.00	27.49 0.90 0.00	34.21 1.06 0.00	32.20 1.09 0.00	26.45 0.87 0.00	24.10 0.84 0.00	23.69 0.87 0.00	22.14 0.79 0.00	22.72 0.83 0.00	22.68 0.83 0.00	23.56 0.88 0.00	25.48 0.93 0.00	32.73 1.14 0.00	39.58 1.30 0.00	36.59 1.24 0.00	28.56 0.97 0.00	24.39 0.80 0.00	21.10 0.75 0.00	19.68 0.51 -5.42
GINNA____ 23603	18.44 -0.69 0.00	15.88 -0.59 0.00	15.49 -0.71 0.00	15.26 -0.72 0.00	15.32 -0.69 0.00	16.90 -0.74 0.00	25.60 -0.98 0.00	31.82 -1.33 0.00	29.93 -1.18 0.00	24.76 -0.82 0.00	22.41 -0.86 0.00	21.89 -0.94 0.00	20.62 -0.73 0.00	21.10 -0.79 0.00	21.04 -0.81 0.00	21.72 -0.95 0.00	23.61 -0.93 0.00	30.42 -1.17 0.00	36.67 -1.61 0.00	34.22 -1.13 0.00	26.68 -0.91 0.00	22.83 -0.76 0.00	19.57 -0.77 0.00	14.45 -0.62 -1.32

GLEN PARK____ 23778	19.26 0.13 0.00	16.56 0.08 0.00	16.27 0.07 0.00	16.05 0.06 0.00	16.02 0.02 0.00	17.75 0.11 0.00	27.17 0.58 0.00	34.01 0.86 0.00	31.51 0.40 0.00	25.63 0.05 0.00	23.20 -0.07 0.00	22.69 -0.14 0.00	21.20 -0.15 0.00	21.71 -0.18 0.00	21.65 -0.20 0.00	22.52 -0.16 0.00	24.52 -0.02 0.00	31.84 0.25 0.00	38.85 0.58 0.00	36.02 0.67 0.00	28.11 0.52 0.00	23.99 0.40 0.00	20.55 0.20 0.00	14.46 0.06 -0.65
GLENDALDE_27_KV_LOAD 356172	20.19 1.05 -0.01	17.38 0.89 -0.01	17.16 0.94 -0.01	16.96 0.97 0.00	16.96 0.96 0.00	18.68 1.02 -0.01	28.17 1.54 -0.04	35.23 2.09 0.00	33.49 2.12 -0.27	27.55 1.64 -0.33	25.24 1.70 -0.27	25.00 1.89 -0.28	23.24 1.69 -0.21	23.82 1.75 -0.18	23.73 1.73 -0.16	24.69 1.84 -0.18	26.69 1.89 -0.25	34.31 2.18 -0.54	41.29 2.68 -0.33	38.34 2.44 -0.55	29.59 1.71 -0.29	25.22 1.46 -0.17	21.84 1.38 -0.11	20.23 0.98 -5.50
GLENWOOD_IC_1_G5 23712	23.04 1.40 -2.52	21.08 1.17 -3.43	18.09 1.18 -0.70	17.12 1.13 0.00	17.14 1.14 0.00	19.62 1.31 -0.68	30.81 1.99 -2.23	35.56 2.42 0.00	33.77 2.40 -0.27	30.22 2.07 -2.57	28.44 2.02 -3.15	27.90 2.12 -2.95	27.82 1.92 -4.56	27.83 1.99 -3.95	27.84 1.97 -4.03	27.96 2.06 -3.22	28.48 2.18 -1.75	34.65 2.53 -0.54	41.63 3.02 -0.33	39.68 3.01 -1.32	30.01 2.12 -0.29	28.81 1.84 -3.39	27.45 1.71 -5.39	23.88 1.16 -8.97
GLENWOOD_IC_2_G1 23688	22.91 1.26 -2.52	20.98 1.07 -3.43	17.97 1.07 -0.70	17.03 1.04 -0.01	17.05 1.04 -0.01	19.52 1.20 -0.68	30.62 1.83 -2.20	35.37 2.22 0.00	33.59 2.21 -0.27	30.04 1.89 -2.57	28.25 1.84 -3.15	27.74 1.96 -2.95	27.67 1.77 -4.56	27.68 1.84 -3.95	27.71 1.84 -4.03	27.80 1.90 -3.22	28.28 1.99 -1.75	34.43 2.30 -0.54	41.40 2.79 -0.33	39.29 2.62 -1.32	29.82 1.93 -0.30	28.67 1.70 -3.39	27.28 1.55 -5.39	23.78 1.02 -9.01
GLENWOOD_IC_3_G1 23689	22.91 1.26 -2.52	20.98 1.07 -3.43	17.97 1.07 -0.70	17.03 1.04 -0.01	17.05 1.04 -0.01	19.52 1.20 -0.68	30.62 1.83 -2.20	35.37 2.22 0.00	33.59 2.21 -0.27	30.04 1.89 -2.57	28.25 1.84 -3.15	27.74 1.96 -2.95	27.67 1.77 -4.56	27.68 1.84 -3.95	27.71 1.84 -4.03	27.80 1.90 -3.22	28.28 1.99 -1.75	34.43 2.30 -0.54	41.40 2.79 -0.33	39.29 2.62 -1.32	29.82 1.93 -0.30	28.67 1.70 -3.39	27.28 1.55 -5.39	23.78 1.02 -9.01
GLENWOOD____4 23550	23.04 1.40 -2.52	21.08 1.17 -3.43	18.09 1.18 -0.70	17.12 1.13 0.00	17.14 1.14 0.00	19.62 1.31 -0.68	30.81 1.99 -2.23	35.56 2.42 0.00	33.77 2.40 -0.27	30.22 2.07 -2.57	28.44 2.02 -3.15	27.90 2.12 -2.95	27.82 1.92 -4.56	27.83 1.99 -3.95	27.84 1.97 -4.03	27.96 2.06 -3.22	28.48 2.18 -1.75	34.65 2.53 -0.54	41.63 3.02 -0.33	39.68 3.01 -1.32	30.01 2.12 -0.29	28.81 1.84 -3.39	27.45 1.71 -5.39	23.88 1.16 -8.97
GLENWOOD____5 23614	23.04 1.40 -2.52	21.08 1.17 -3.43	18.09 1.18 -0.70	17.12 1.13 0.00	17.14 1.14 0.00	19.62 1.31 -0.68	30.81 1.99 -2.23	35.56 2.42 0.00	33.77 2.40 -0.27	30.22 2.07 -2.57	28.44 2.02 -3.15	27.90 2.12 -2.95	27.82 1.92 -4.56	27.83 1.99 -3.95	27.84 1.97 -4.03	27.96 2.06 -3.22	28.48 2.18 -1.75	34.65 2.53 -0.54	41.63 3.02 -0.33	39.68 3.01 -1.32	30.01 2.12 -0.29	28.81 1.84 -3.39	27.45 1.71 -5.39	23.88 1.16 -8.97
GLOBAL GREEN_PORT_GT1 23814	24.44 2.79 -2.52	22.28 2.37 -3.43	19.27 2.37 -0.70	18.26 2.27 -0.01	18.30 2.29 -0.01	20.91 2.59 -0.68	37.59 4.12 -6.89	52.27 4.74 -14.39	41.08 4.66 -5.31	37.60 4.14 -7.88	35.78 3.79 -8.72	34.08 3.83 -7.42	33.36 3.52 -8.49	33.98 3.61 -8.48	35.00 3.63 -9.52	35.06 3.76 -8.62	35.88 4.10 -7.23	62.05 4.83 -25.62	81.75 5.74 -37.74	84.99 5.51 -44.12	70.71 4.22 -38.90	43.27 3.70 -15.98	42.80 3.19 -19.26	37.99 2.09 -22.14
GLOBE____DSASP 323697	19.01 -0.11 0.00	16.34 -0.13 0.00	15.96 -0.24 0.00	15.60 -0.38 0.00	15.73 -0.27 0.00	17.29 -0.35 0.00	25.95 -0.64 0.00	31.95 -1.19 0.00	30.30 -0.81 0.00	25.27 -0.31 0.00	22.99 -0.28 0.00	22.44 -0.39 0.00	21.30 -0.04 0.00	21.71 -0.18 0.00	21.69 -0.15 0.00	22.22 -0.45 0.00	23.96 -0.59 0.00	30.61 -0.98 0.00	36.21 -2.07 0.00	33.52 -1.84 0.00	27.07 -0.52 0.00	23.23 -0.35 0.00	20.04 -0.31 0.00	15.00 -0.29 -1.54
GOETHSLN____LBMP 323567	20.16 1.01 -0.01	17.36 0.87 -0.01	17.11 0.89 -0.01	16.83 0.85 0.00	16.87 0.86 0.00	18.64 0.99 -0.01	28.03 1.41 -0.04	35.07 1.92 0.00	33.31 1.93 -0.27	27.45 1.53 -0.33	25.12 1.58 -0.27	24.84 1.73 -0.28	23.09 1.54 -0.21	23.67 1.60 -0.18	23.60 1.59 -0.16	24.51 1.66 -0.18	26.54 1.74 -0.25	34.02 1.90 -0.54	40.94 2.33 -0.33	38.09 2.19 -0.55	29.45 1.57 -0.29	25.15 1.39 -0.17	21.75 1.30 -0.10	20.19 0.94 -5.50
GOLAH____69_KV_TB 1_2 80279	19.53 0.40 0.00	16.80 0.33 0.00	16.35 0.15 0.00	16.13 0.14 0.00	16.18 0.18 0.00	17.83 0.19 0.00	26.96 0.37 0.00	33.41 0.27 0.00	31.45 0.34 0.00	26.09 0.51 0.00	23.66 0.40 0.00	23.08 0.25 0.00	21.80 0.45 0.00	22.28 0.39 0.00	22.22 0.37 0.00	22.92 0.25 0.00	24.82 0.27 0.00	31.84 0.25 0.00	38.20 -0.08 0.00	35.35 0.00 0.00	28.06 0.47 0.00	23.99 0.40 0.00	20.61 0.26 0.00	15.30 0.19 -1.35
GOODYEAR_LAKE_HYD 323669	20.07 0.94 0.00	17.27 0.79 0.00	17.00 0.79 0.00	16.75 0.77 0.00	16.77 0.77 0.00	18.49 0.85 0.00	28.05 1.46 0.00	35.07 1.92 0.00	32.85 1.74 0.00	26.96 1.38 0.00	24.55 1.28 0.00	24.08 1.26 0.00	22.52 1.17 0.00	23.07 1.18 0.00	23.00 1.16 0.00	23.87 1.20 0.00	25.87 1.33 0.00	33.33 1.74 0.00	40.38 2.11 0.00	37.33 1.98 0.00	29.13 1.55 0.00	24.86 1.27 0.00	21.40 1.06 0.00	17.76 0.67 -3.33
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	19.86 0.73 0.00	17.07 0.59 0.00	16.71 0.50 0.00	16.46 0.48 0.00	16.55 0.54 0.00	18.22 0.58 0.00	27.51 0.93 0.00	34.31 1.16 0.00	32.17 1.06 0.00	26.55 0.97 0.00	24.10 0.84 0.00	23.60 0.78 0.00	22.18 0.83 0.00	22.72 0.83 0.00	22.68 0.83 0.00	23.47 0.79 0.00	25.36 0.81 0.00	32.66 1.07 0.00	39.39 1.11 0.00	36.41 1.06 0.00	28.61 1.02 0.00	24.46 0.87 0.00	21.04 0.69 0.00	16.55 0.37 -2.43
GOUDEY____7 23579	19.87 0.75 0.00	17.08 0.61 0.00	16.72 0.52 0.00	16.48 0.50 0.00	16.56 0.56 0.00	18.24 0.60 0.00	27.54 0.96 0.00	34.34 1.19 0.00	32.20 1.09 0.00	26.58 1.00 0.00	24.15 0.88 0.00	23.62 0.80 0.00	22.20 0.85 0.00	22.74 0.85 0.00	22.70 0.85 0.00	23.49 0.82 0.00	25.38 0.83 0.00	32.69 1.11 0.00	39.43 1.15 0.00	36.45 1.10 0.00	28.64 1.05 0.00	24.48 0.90 0.00	21.06 0.71 0.00	16.55 0.37 -2.43
GOUDEY____8 23580	19.86 0.73 0.00	17.07 0.59 0.00	16.71 0.50 0.00	16.46 0.48 0.00	16.55 0.54 0.00	18.22 0.58 0.00	27.51 0.93 0.00	34.31 1.16 0.00	32.17 1.06 0.00	26.55 0.97 0.00	24.10 0.84 0.00	23.60 0.78 0.00	22.18 0.83 0.00	22.72 0.83 0.00	22.68 0.83 0.00	23.47 0.79 0.00	25.36 0.81 0.00	32.66 1.07 0.00	39.39 1.11 0.00	36.41 1.06 0.00	28.61 1.02 0.00	24.46 0.87 0.00	21.04 0.69 0.00	16.55 0.37 -2.43

GOWANUS_GT1_1 24077	20.19 1.05 -0.01	17.38 0.89 -0.01	17.14 0.92 -0.01	16.96 0.97 0.00	16.95 0.94 0.00	18.66 1.01 -0.01	28.14 1.52 -0.04	35.17 2.02 0.00	33.37 1.99 -0.27	27.45 1.53 -0.33	25.15 1.61 -0.27	24.93 1.83 -0.28	23.18 1.62 -0.21	23.76 1.69 -0.18	23.67 1.66 -0.16	24.63 1.77 -0.18	26.62 1.82 -0.25	34.24 2.12 -0.54	41.25 2.64 -0.33	38.30 2.40 -0.55	29.62 1.74 -0.29	25.19 1.44 -0.17	21.82 1.36 -0.11	20.23 0.98 -5.50
GOWANUS_GT1_2 24078	20.19 1.05 -0.01	17.38 0.89 -0.01	17.14 0.92 -0.01	16.96 0.97 0.00	16.95 0.94 0.00	18.66 1.01 -0.01	28.14 1.52 -0.04	35.17 2.02 0.00	33.37 1.99 -0.27	27.45 1.53 -0.33	25.15 1.61 -0.27	24.93 1.83 -0.28	23.18 1.62 -0.21	23.76 1.69 -0.18	23.67 1.66 -0.16	24.63 1.77 -0.18	26.62 1.82 -0.25	34.24 2.12 -0.54	41.25 2.64 -0.33	38.30 2.40 -0.55	29.62 1.74 -0.29	25.19 1.44 -0.17	21.82 1.36 -0.11	20.23 0.98 -5.50
GOWANUS_GT1_3 24079	20.19 1.05 -0.01	17.38 0.89 -0.01	17.14 0.92 -0.01	16.96 0.97 0.00	16.95 0.94 0.00	18.66 1.01 -0.01	28.14 1.52 -0.04	35.17 2.02 0.00	33.37 1.99 -0.27	27.45 1.53 -0.33	25.15 1.61 -0.27	24.93 1.83 -0.28	23.18 1.62 -0.21	23.76 1.69 -0.18	23.67 1.66 -0.16	24.63 1.77 -0.18	26.62 1.82 -0.25	34.24 2.12 -0.54	41.25 2.64 -0.33	38.30 2.40 -0.55	29.62 1.74 -0.29	25.19 1.44 -0.17	21.82 1.36 -0.11	20.23 0.98 -5.50
GOWANUS_GT1_4 24080	20.19 1.05 -0.01	17.38 0.89 -0.01	17.14 0.92 -0.01	16.96 0.97 0.00	16.95 0.94 0.00	18.66 1.01 -0.01	28.14 1.52 -0.04	35.17 2.02 0.00	33.37 1.99 -0.27	27.45 1.53 -0.33	25.15 1.61 -0.27	24.93 1.83 -0.28	23.18 1.62 -0.21	23.76 1.69 -0.18	23.67 1.66 -0.16	24.63 1.77 -0.18	26.62 1.82 -0.25	34.24 2.12 -0.54	41.25 2.64 -0.33	38.30 2.40 -0.55	29.62 1.74 -0.29	25.19 1.44 -0.17	21.82 1.36 -0.11	20.23 0.98 -5.50
GOWANUS_GT1_5 24084	20.19 1.05 -0.01	17.38 0.89 -0.01	17.14 0.92 -0.01	16.96 0.97 0.00	16.95 0.94 0.00	18.66 1.01 -0.01	28.14 1.52 -0.04	35.17 2.02 0.00	33.37 1.99 -0.27	27.45 1.53 -0.33	25.15 1.61 -0.27	24.93 1.83 -0.28	23.18 1.62 -0.21	23.76 1.69 -0.18	23.67 1.66 -0.16	24.63 1.77 -0.18	26.62 1.82 -0.25	34.24 2.12 -0.54	41.25 2.64 -0.33	38.30 2.40 -0.55	29.62 1.74 -0.29	25.19 1.44 -0.17	21.82 1.36 -0.11	20.23 0.98 -5.50
GOWANUS_GT1_6 24111	20.19 1.05 -0.01	17.38 0.89 -0.01	17.14 0.92 -0.01	16.96 0.97 0.00	16.95 0.94 0.00	18.66 1.01 -0.01	28.14 1.52 -0.04	35.17 2.02 0.00	33.37 1.99 -0.27	27.45 1.53 -0.33	25.15 1.61 -0.27	24.93 1.83 -0.28	23.18 1.62 -0.21	23.76 1.69 -0.18	23.67 1.66 -0.16	24.63 1.77 -0.18	26.62 1.82 -0.25	34.24 2.12 -0.54	41.25 2.64 -0.33	38.30 2.40 -0.55	29.62 1.74 -0.29	25.19 1.44 -0.17	21.82 1.36 -0.11	20.23 0.98 -5.50
GOWANUS_GT1_7 24112	20.19 1.05 -0.01	17.38 0.89 -0.01	17.14 0.92 -0.01	16.96 0.97 0.00	16.95 0.94 0.00	18.66 1.01 -0.01	28.14 1.52 -0.04	35.17 2.02 0.00	33.37 1.99 -0.27	27.45 1.53 -0.33	25.15 1.61 -0.27	24.93 1.83 -0.28	23.18 1.62 -0.21	23.76 1.69 -0.18	23.67 1.66 -0.16	24.63 1.77 -0.18	26.62 1.82 -0.25	34.24 2.12 -0.54	41.25 2.64 -0.33	38.30 2.40 -0.55	29.62 1.74 -0.29	25.19 1.44 -0.17	21.82 1.36 -0.11	20.23 0.98 -5.50
GOWANUS_GT1_8 24113	20.19 1.05 -0.01	17.38 0.89 -0.01	17.14 0.92 -0.01	16.96 0.97 0.00	16.95 0.94 0.00	18.66 1.01 -0.01	28.14 1.52 -0.04	35.17 2.02 0.00	33.37 1.99 -0.27	27.45 1.53 -0.33	25.15 1.61 -0.27	24.93 1.83 -0.28	23.18 1.62 -0.21	23.76 1.69 -0.18	23.67 1.66 -0.16	24.63 1.77 -0.18	26.62 1.82 -0.25	34.24 2.12 -0.54	41.25 2.64 -0.33	38.30 2.40 -0.55	29.62 1.74 -0.29	25.19 1.44 -0.17	21.82 1.36 -0.11	20.23 0.98 -5.50
GOWANUS_GT2_1 24114	20.11 0.98 -0.01	17.33 0.84 -0.01	17.06 0.84 -0.01	16.96 0.98 0.00	16.95 0.94 0.00	18.65 1.00 -0.01	28.13 1.51 -0.04	35.16 2.02 0.01	33.37 1.99 -0.27	27.44 1.53 -0.33	25.14 1.60 -0.27	24.93 1.83 -0.28	23.18 1.62 -0.21	23.76 1.69 -0.18	23.67 1.66 -0.16	24.63 1.77 -0.18	26.59 1.79 -0.25	34.24 2.12 -0.54	41.25 2.64 -0.33	38.13 2.23 -0.55	29.61 1.74 -0.28	25.19 1.44 -0.16	21.79 1.34 -0.11	20.06 0.80 -5.51
GOWANUS_GT2_2 24115	20.11 0.98 -0.01	17.33 0.84 -0.01	17.06 0.84 -0.01	16.96 0.98 0.00	16.95 0.94 0.00	18.65 1.00 -0.01	28.13 1.51 -0.04	35.16 2.02 0.01	33.37 1.99 -0.27	27.44 1.53 -0.33	25.14 1.60 -0.27	24.93 1.83 -0.28	23.18 1.62 -0.21	23.76 1.69 -0.18	23.67 1.66 -0.16	24.63 1.77 -0.18	26.59 1.79 -0.25	34.24 2.12 -0.54	41.25 2.64 -0.33	38.13 2.23 -0.55	29.61 1.74 -0.28	25.19 1.44 -0.16	21.79 1.34 -0.11	20.06 0.80 -5.51
GOWANUS_GT2_3 24116	20.11 0.98 -0.01	17.33 0.84 -0.01	17.06 0.84 -0.01	16.96 0.98 0.00	16.95 0.94 0.00	18.65 1.00 -0.01	28.13 1.51 -0.04	35.16 2.02 0.01	33.37 1.99 -0.27	27.44 1.53 -0.33	25.14 1.60 -0.27	24.93 1.83 -0.28	23.18 1.62 -0.21	23.76 1.69 -0.18	23.67 1.66 -0.16	24.63 1.77 -0.18	26.59 1.79 -0.25	34.24 2.12 -0.54	41.25 2.64 -0.33	38.13 2.23 -0.55	29.61 1.74 -0.28	25.19 1.44 -0.16	21.79 1.34 -0.11	20.06 0.80 -5.51
GOWANUS_GT2_4 24117	20.11 0.98 -0.01	17.33 0.84 -0.01	17.06 0.84 -0.01	16.96 0.98 0.00	16.95 0.94 0.00	18.65 1.00 -0.01	28.13 1.51 -0.04	35.16 2.02 0.01	33.37 1.99 -0.27	27.44 1.53 -0.33	25.14 1.60 -0.27	24.93 1.83 -0.28	23.18 1.62 -0.21	23.76 1.69 -0.18	23.67 1.66 -0.16	24.63 1.77 -0.18	26.59 1.79 -0.25	34.24 2.12 -0.54	41.25 2.64 -0.33	38.13 2.23 -0.55	29.61 1.74 -0.28	25.19 1.44 -0.16	21.79 1.34 -0.11	20.06 0.80 -5.51
GOWANUS_GT2_5 24118	20.11 0.98 -0.01	17.33 0.84 -0.01	17.06 0.84 -0.01	16.96 0.98 0.00	16.95 0.94 0.00	18.65 1.00 -0.01	28.13 1.51 -0.04	35.16 2.02 0.01	33.37 1.99 -0.27	27.44 1.53 -0.33	25.14 1.60 -0.27	24.93 1.83 -0.28	23.18 1.62 -0.21	23.76 1.69 -0.18	23.67 1.66 -0.16	24.63 1.77 -0.18	26.59 1.79 -0.25	34.24 2.12 -0.54	41.25 2.64 -0.33	38.13 2.23 -0.55	29.61 1.74 -0.28	25.19 1.44 -0.16	21.79 1.34 -0.11	20.06 0.80 -5.51
GOWANUS_GT2_6 24119	20.11 0.98 -0.01	17.33 0.84 -0.01	17.06 0.84 -0.01	16.96 0.98 0.00	16.95 0.94 0.00	18.65 1.00 -0.01	28.13 1.51 -0.04	35.16 2.02 0.01	33.37 1.99 -0.27	27.44 1.53 -0.33	25.14 1.60 -0.27	24.93 1.83 -0.28	23.18 1.62 -0.21	23.76 1.69 -0.18	23.67 1.66 -0.16	24.63 1.77 -0.18	26.59 1.79 -0.25	34.24 2.12 -0.54	41.25 2.64 -0.33	38.13 2.23 -0.55	29.61 1.74 -0.28	25.19 1.44 -0.16	21.79 1.34 -0.11	20.06 0.80 -5.51
GOWANUS_GT2_7 24120	20.11 0.98 -0.01	17.33 0.84 -0.01	17.06 0.84 -0.01	16.96 0.98 0.00	16.95 0.94 0.00	18.65 1.00 -0.01	28.13 1.51 -0.04	35.16 2.02 0.01	33.37 1.99 -0.27	27.44 1.53 -0.33	25.14 1.60 -0.27	24.93 1.83 -0.28	23.18 1.62 -0.21	23.76 1.69 -0.18	23.67 1.66 -0.16	24.63 1.77 -0.18	26.59 1.79 -0.25	34.24 2.12 -0.54	41.25 2.64 -0.33	38.13 2.23 -0.55	29.61 1.74 -0.28	25.19 1.44 -0.16	21.79 1.34 -0.11	20.06 0.80 -5.51

GOWANUS_GT2_8 24121	20.11 0.98 -0.01	17.33 0.84 -0.01	17.06 0.84 -0.01	16.96 0.98 0.00	16.95 0.94 0.00	18.65 1.00 -0.01	28.13 1.51 -0.04	35.16 2.02 0.01	33.37 1.99 -0.27	27.44 1.53 -0.33	25.14 1.60 -0.27	24.93 1.83 -0.28	23.18 1.62 -0.21	23.76 1.69 -0.18	23.67 1.66 -0.16	24.63 1.77 -0.18	26.59 1.79 -0.25	34.24 2.12 -0.54	41.25 2.64 -0.33	38.13 2.23 -0.55	29.61 1.74 -0.28	25.19 1.44 -0.16	21.79 1.34 -0.11	20.06 0.80 -5.51
GOWANUS_GT3_1 24122	20.11 0.98 -0.01	17.33 0.84 -0.01	17.06 0.84 -0.01	16.96 0.98 0.00	16.95 0.94 0.00	18.65 1.00 -0.01	28.13 1.51 -0.04	35.16 2.02 0.01	33.37 1.99 -0.27	27.44 1.53 -0.33	25.14 1.60 -0.27	24.93 1.83 -0.28	23.18 1.62 -0.21	23.76 1.69 -0.18	23.67 1.66 -0.16	24.63 1.77 -0.18	26.59 1.79 -0.25	34.24 2.12 -0.54	41.25 2.64 -0.33	38.13 2.23 -0.55	29.61 1.74 -0.28	25.19 1.44 -0.16	21.79 1.34 -0.11	20.06 0.80 -5.51
GOWANUS_GT3_2 24123	20.11 0.98 -0.01	17.33 0.84 -0.01	17.06 0.84 -0.01	16.96 0.98 0.00	16.95 0.94 0.00	18.65 1.00 -0.01	28.13 1.51 -0.04	35.16 2.02 0.01	33.37 1.99 -0.27	27.44 1.53 -0.33	25.14 1.60 -0.27	24.93 1.83 -0.28	23.18 1.62 -0.21	23.76 1.69 -0.18	23.67 1.66 -0.16	24.63 1.77 -0.18	26.59 1.79 -0.25	34.24 2.12 -0.54	41.25 2.64 -0.33	38.13 2.23 -0.55	29.61 1.74 -0.28	25.19 1.44 -0.16	21.79 1.34 -0.11	20.06 0.80 -5.51
GOWANUS_GT3_3 24124	20.11 0.98 -0.01	17.33 0.84 -0.01	17.06 0.84 -0.01	16.96 0.98 0.00	16.95 0.94 0.00	18.65 1.00 -0.01	28.13 1.51 -0.04	35.16 2.02 0.01	33.37 1.99 -0.27	27.44 1.53 -0.33	25.14 1.60 -0.27	24.93 1.83 -0.28	23.18 1.62 -0.21	23.76 1.69 -0.18	23.67 1.66 -0.16	24.63 1.77 -0.18	26.59 1.79 -0.25	34.24 2.12 -0.54	41.25 2.64 -0.33	38.13 2.23 -0.55	29.61 1.74 -0.28	25.19 1.44 -0.16	21.79 1.34 -0.11	20.06 0.80 -5.51
GOWANUS_GT3_4 24125	20.11 0.98 -0.01	17.33 0.84 -0.01	17.06 0.84 -0.01	16.96 0.98 0.00	16.95 0.94 0.00	18.65 1.00 -0.01	28.13 1.51 -0.04	35.16 2.02 0.01	33.37 1.99 -0.27	27.44 1.53 -0.33	25.14 1.60 -0.27	24.93 1.83 -0.28	23.18 1.62 -0.21	23.76 1.69 -0.18	23.67 1.66 -0.16	24.63 1.77 -0.18	26.59 1.79 -0.25	34.24 2.12 -0.54	41.25 2.64 -0.33	38.13 2.23 -0.55	29.61 1.74 -0.28	25.19 1.44 -0.16	21.79 1.34 -0.11	20.06 0.80 -5.51
GOWANUS_GT3_5 24126	20.11 0.98 -0.01	17.33 0.84 -0.01	17.06 0.84 -0.01	16.96 0.98 0.00	16.95 0.94 0.00	18.65 1.00 -0.01	28.13 1.51 -0.04	35.16 2.02 0.01	33.37 1.99 -0.27	27.44 1.53 -0.33	25.14 1.60 -0.27	24.93 1.83 -0.28	23.18 1.62 -0.21	23.76 1.69 -0.18	23.67 1.66 -0.16	24.63 1.77 -0.18	26.59 1.79 -0.25	34.24 2.12 -0.54	41.25 2.64 -0.33	38.13 2.23 -0.55	29.61 1.74 -0.28	25.19 1.44 -0.16	21.79 1.34 -0.11	20.06 0.80 -5.51
GOWANUS_GT3_6 24127	20.11 0.98 -0.01	17.33 0.84 -0.01	17.06 0.84 -0.01	16.96 0.98 0.00	16.95 0.94 0.00	18.65 1.00 -0.01	28.13 1.51 -0.04	35.16 2.02 0.01	33.37 1.99 -0.27	27.44 1.53 -0.33	25.14 1.60 -0.27	24.93 1.83 -0.28	23.18 1.62 -0.21	23.76 1.69 -0.18	23.67 1.66 -0.16	24.63 1.77 -0.18	26.59 1.79 -0.25	34.24 2.12 -0.54	41.25 2.64 -0.33	38.13 2.23 -0.55	29.61 1.74 -0.28	25.19 1.44 -0.16	21.79 1.34 -0.11	20.06 0.80 -5.51
GOWANUS_GT3_7 24128	20.11 0.98 -0.01	17.33 0.84 -0.01	17.06 0.84 -0.01	16.96 0.98 0.00	16.95 0.94 0.00	18.65 1.00 -0.01	28.13 1.51 -0.04	35.16 2.02 0.01	33.37 1.99 -0.27	27.44 1.53 -0.33	25.14 1.60 -0.27	24.93 1.83 -0.28	23.18 1.62 -0.21	23.76 1.69 -0.18	23.67 1.66 -0.16	24.63 1.77 -0.18	26.59 1.79 -0.25	34.24 2.12 -0.54	41.25 2.64 -0.33	38.13 2.23 -0.55	29.61 1.74 -0.28	25.19 1.44 -0.16	21.79 1.34 -0.11	20.06 0.80 -5.51
GOWANUS_GT3_8 24129	20.11 0.98 -0.01	17.33 0.84 -0.01	17.06 0.84 -0.01	16.96 0.98 0.00	16.95 0.94 0.00	18.65 1.00 -0.01	28.13 1.51 -0.04	35.16 2.02 0.01	33.37 1.99 -0.27	27.44 1.53 -0.33	25.14 1.60 -0.27	24.93 1.83 -0.28	23.18 1.62 -0.21	23.76 1.69 -0.18	23.67 1.66 -0.16	24.63 1.77 -0.18	26.59 1.79 -0.25	34.24 2.12 -0.54	41.25 2.64 -0.33	38.13 2.23 -0.55	29.61 1.74 -0.28	25.19 1.44 -0.16	21.79 1.34 -0.11	20.06 0.80 -5.51
GOWANUS_GT4_1 24130	20.19 1.05 -0.01	17.38 0.89 -0.01	17.14 0.92 -0.01	16.96 0.97 0.00	16.95 0.94 0.00	18.66 1.01 -0.01	28.14 1.52 -0.04	35.17 2.02 0.00	33.37 1.99 -0.27	27.45 1.53 -0.33	25.15 1.61 -0.27	24.93 1.83 -0.28	23.18 1.62 -0.21	23.76 1.69 -0.18	23.67 1.66 -0.16	24.63 1.77 -0.18	26.62 1.82 -0.25	34.24 2.12 -0.54	41.25 2.64 -0.33	38.30 2.40 -0.55	29.62 1.74 -0.29	25.19 1.44 -0.17	21.82 1.36 -0.11	20.23 0.98 -5.50
GOWANUS_GT4_2 24131	20.19 1.05 -0.01	17.38 0.89 -0.01	17.14 0.92 -0.01	16.96 0.97 0.00	16.95 0.94 0.00	18.66 1.01 -0.01	28.14 1.52 -0.04	35.17 2.02 0.00	33.37 1.99 -0.27	27.45 1.53 -0.33	25.15 1.61 -0.27	24.93 1.83 -0.28	23.18 1.62 -0.21	23.76 1.69 -0.18	23.67 1.66 -0.16	24.63 1.77 -0.18	26.62 1.82 -0.25	34.24 2.12 -0.54	41.25 2.64 -0.33	38.30 2.40 -0.55	29.62 1.74 -0.29	25.19 1.44 -0.17	21.82 1.36 -0.11	20.23 0.98 -5.50
GOWANUS_GT4_3 24132	20.19 1.05 -0.01	17.38 0.89 -0.01	17.14 0.92 -0.01	16.96 0.97 0.00	16.95 0.94 0.00	18.66 1.01 -0.01	28.14 1.52 -0.04	35.17 2.02 0.00	33.37 1.99 -0.27	27.45 1.53 -0.33	25.15 1.61 -0.27	24.93 1.83 -0.28	23.18 1.62 -0.21	23.76 1.69 -0.18	23.67 1.66 -0.16	24.63 1.77 -0.18	26.62 1.82 -0.25	34.24 2.12 -0.54	41.25 2.64 -0.33	38.30 2.40 -0.55	29.62 1.74 -0.29	25.19 1.44 -0.17	21.82 1.36 -0.11	20.23 0.98 -5.50
GOWANUS_GT4_4 24133	20.19 1.05 -0.01	17.38 0.89 -0.01	17.14 0.92 -0.01	16.96 0.97 0.00	16.95 0.94 0.00	18.66 1.01 -0.01	28.14 1.52 -0.04	35.17 2.02 0.00	33.37 1.99 -0.27	27.45 1.53 -0.33	25.15 1.61 -0.27	24.93 1.83 -0.28	23.18 1.62 -0.21	23.76 1.69 -0.18	23.67 1.66 -0.16	24.63 1.77 -0.18	26.62 1.82 -0.25	34.24 2.12 -0.54	41.25 2.64 -0.33	38.30 2.40 -0.55	29.62 1.74 -0.29	25.19 1.44 -0.17	21.82 1.36 -0.11	20.23 0.98 -5.50
GOWANUS_GT4_5 24134	20.19 1.05 -0.01	17.38 0.89 -0.01	17.14 0.92 -0.01	16.96 0.97 0.00	16.95 0.94 0.00	18.66 1.01 -0.01	28.14 1.52 -0.04	35.17 2.02 0.00	33.37 1.99 -0.27	27.45 1.53 -0.33	25.15 1.61 -0.27	24.93 1.83 -0.28	23.18 1.62 -0.21	23.76 1.69 -0.18	23.67 1.66 -0.16	24.63 1.77 -0.18	26.62 1.82 -0.25	34.24 2.12 -0.54	41.25 2.64 -0.33	38.30 2.40 -0.55	29.62 1.74 -0.29	25.19 1.44 -0.17	21.82 1.36 -0.11	20.23 0.98 -5.50
GOWANUS_GT4_6 24135	20.19 1.05 -0.01	17.38 0.89 -0.01	17.14 0.92 -0.01	16.96 0.97 0.00	16.95 0.94 0.00	18.66 1.01 -0.01	28.14 1.52 -0.04	35.17 2.02 0.00	33.37 1.99 -0.27	27.45 1.53 -0.33	25.15 1.61 -0.27	24.93 1.83 -0.28	23.18 1.62 -0.21	23.76 1.69 -0.18	23.67 1.66 -0.16	24.63 1.77 -0.18	26.62 1.82 -0.25	34.24 2.12 -0.54	41.25 2.64 -0.33	38.30 2.40 -0.55	29.62 1.74 -0.29	25.19 1.44 -0.17	21.82 1.36 -0.11	20.23 0.98 -5.50

GOWANUS_GT4_7 24136	20.19 1.05 -0.01	17.38 0.89 -0.01	17.14 0.92 -0.01	16.96 0.97 0.00	16.95 0.94 0.00	18.66 1.01 -0.01	28.14 1.52 -0.04	35.17 2.02 0.00	33.37 1.99 -0.27	27.45 1.53 -0.33	25.15 1.61 -0.27	24.93 1.83 -0.28	23.18 1.62 -0.21	23.76 1.69 -0.18	23.67 1.66 -0.16	24.63 1.77 -0.18	26.62 1.82 -0.25	34.24 2.12 -0.54	41.25 2.64 -0.33	38.30 2.40 -0.55	29.62 1.74 -0.29	25.19 1.44 -0.17	21.82 1.36 -0.11	20.23 0.98 -5.50
GOWANUS_GT4_8 24137	20.19 1.05 -0.01	17.38 0.89 -0.01	17.14 0.92 -0.01	16.96 0.97 0.00	16.95 0.94 0.00	18.66 1.01 -0.01	28.14 1.52 -0.04	35.17 2.02 0.00	33.37 1.99 -0.27	27.45 1.53 -0.33	25.15 1.61 -0.27	24.93 1.83 -0.28	23.18 1.62 -0.21	23.76 1.69 -0.18	23.67 1.66 -0.16	24.63 1.77 -0.18	26.62 1.82 -0.25	34.24 2.12 -0.54	41.25 2.64 -0.33	38.30 2.40 -0.55	29.62 1.74 -0.29	25.19 1.44 -0.17	21.82 1.36 -0.11	20.23 0.98 -5.50
GREENBSH_115KV_TB3 55895	19.42 0.29 0.00	16.82 0.35 0.00	16.61 0.41 0.00	16.43 0.45 0.00	16.42 0.42 0.00	18.06 0.42 0.00	27.19 0.61 0.00	33.81 0.66 0.00	31.44 0.62 0.29	25.73 0.46 0.31	23.50 0.47 0.23	23.06 0.48 0.24	21.62 0.41 0.13	22.24 0.46 0.11	22.22 0.46 0.09	23.06 0.52 0.13	24.86 0.54 0.23	31.76 0.73 0.56	38.89 0.96 0.34	35.67 0.88 0.57	27.87 0.58 0.30	23.93 0.45 0.11	20.85 0.51 0.00	20.60 0.28 -6.57
GREENDGE_115KV_TB5 80291	19.91 0.78 0.00	17.12 0.64 0.00	16.71 0.50 0.00	16.46 0.48 0.00	16.59 0.59 0.00	18.29 0.65 0.00	27.75 1.17 0.00	34.34 1.19 0.00	32.38 1.28 0.00	26.73 1.15 0.00	24.20 0.93 0.00	23.62 0.80 0.00	22.24 0.90 0.00	22.77 0.88 0.00	22.74 0.90 0.00	23.49 0.82 0.00	25.46 0.91 0.00	32.73 1.14 0.00	39.23 0.96 0.00	36.24 0.88 0.00	28.80 1.21 0.00	24.65 1.06 0.00	21.08 0.73 0.00	15.89 0.37 -1.76
GREENIDGE___3 23582	19.91 0.78 0.00	17.12 0.64 0.00	16.71 0.50 0.00	16.46 0.48 0.00	16.59 0.59 0.00	18.29 0.65 0.00	27.75 1.17 0.00	34.34 1.19 0.00	32.38 1.28 0.00	26.73 1.15 0.00	24.20 0.93 0.00	23.62 0.80 0.00	22.24 0.90 0.00	22.77 0.88 0.00	22.74 0.90 0.00	23.49 0.82 0.00	25.46 0.91 0.00	32.73 1.14 0.00	39.23 0.96 0.00	36.24 0.88 0.00	28.80 1.21 0.00	24.65 1.06 0.00	21.08 0.73 0.00	15.89 0.37 -1.76
GREENIDGE___4 23583	19.93 0.80 0.00	17.15 0.68 0.00	16.74 0.53 0.00	16.46 0.48 0.00	16.60 0.59 0.00	18.29 0.65 0.00	27.75 1.17 0.00	34.34 1.19 0.00	32.38 1.28 0.00	26.73 1.15 0.00	24.20 0.93 0.00	23.62 0.80 0.00	22.24 0.90 0.00	22.77 0.88 0.00	22.74 0.90 0.00	23.49 0.82 0.00	25.50 0.96 0.00	32.76 1.17 0.00	39.24 0.96 0.00	36.52 1.16 0.00	28.80 1.21 0.00	24.55 0.97 0.00	21.10 0.75 0.00	15.91 0.40 -1.76
GREENLWN_69_KV_BK 3 55738	23.29 1.65 -2.52	21.29 1.38 -3.43	18.30 1.39 -0.70	17.32 1.34 0.00	17.36 1.36 0.00	19.87 1.55 -0.68	30.45 2.47 -1.39	32.48 2.52 3.18	32.89 2.58 0.80	30.42 2.43 -2.41	28.41 2.16 -2.98	27.93 2.26 -2.84	27.88 2.07 -4.46	27.85 2.12 -3.83	27.85 2.12 -3.89	27.96 2.20 -3.08	28.43 2.31 -1.58	33.90 2.50 0.18	40.57 3.02 0.73	38.61 3.15 -0.11	29.05 2.26 0.81	28.56 1.96 -3.02	27.29 1.95 -4.99	23.74 1.39 -8.59
GREENWD_138_KV_38B11_REV_LBMP_J 345004	20.19 1.05 -0.01	17.38 0.89 -0.01	17.14 0.92 -0.01	16.96 0.97 0.00	16.95 0.94 0.00	18.66 1.01 -0.01	28.14 1.52 -0.04	35.17 2.02 0.00	33.37 1.99 -0.27	27.45 1.53 -0.33	25.15 1.61 -0.27	24.93 1.83 -0.28	23.18 1.62 -0.21	23.76 1.69 -0.18	23.67 1.66 -0.16	24.63 1.77 -0.18	26.62 1.82 -0.25	34.24 2.12 -0.54	41.25 2.64 -0.33	38.30 2.40 -0.55	29.62 1.74 -0.29	25.19 1.44 -0.17	21.82 1.36 -0.11	20.23 0.98 -5.50
GRISSOM___SOLAR 323813	20.52 1.40 0.00	17.65 1.17 0.00	17.40 1.20 0.00	17.16 1.18 0.00	17.20 1.20 0.00	19.10 1.46 0.00	29.03 2.44 0.00	36.13 2.98 0.00	33.41 2.52 0.21	27.11 1.76 0.23	24.59 1.49 0.17	24.04 1.39 0.18	22.42 1.17 0.10	23.19 1.38 0.08	23.29 1.51 0.07	24.36 1.79 0.10	26.29 1.92 0.17	33.86 2.68 0.42	41.66 3.64 0.26	38.15 3.22 0.42	29.82 2.45 0.23	25.51 2.00 0.08	22.05 1.71 0.00	21.54 1.02 -6.77
GROVEVILLE___HYD 323602	20.26 1.13 0.00	17.43 0.96 0.00	17.14 0.94 0.00	16.91 0.93 0.00	16.90 0.90 0.00	18.66 1.02 0.00	28.13 1.54 0.00	35.20 2.05 0.00	33.24 1.93 -0.20	27.33 1.53 -0.21	24.94 1.51 -0.16	24.54 1.55 -0.17	22.85 1.41 -0.09	23.46 1.49 -0.08	23.39 1.49 -0.06	24.31 1.54 -0.09	26.36 1.64 -0.16	34.10 2.12 -0.40	41.13 2.60 -0.25	38.23 2.47 -0.41	29.49 1.68 -0.22	25.13 1.46 -0.08	21.67 1.32 0.00	20.05 0.92 -5.37
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	19.45 0.33 0.00	16.74 0.26 0.00	16.43 0.23 0.00	16.19 0.21 0.00	16.26 0.26 0.00	17.92 0.28 0.00	27.01 0.43 0.00	33.71 0.56 0.00	31.58 0.47 0.00	26.01 0.43 0.00	23.62 0.35 0.00	23.12 0.30 0.00	21.69 0.34 0.00	22.24 0.35 0.00	22.17 0.33 0.00	22.97 0.29 0.00	24.89 0.34 0.00	32.03 0.44 0.00	38.70 0.42 0.00	35.74 0.39 0.00	28.00 0.41 0.00	23.96 0.38 0.00	20.59 0.24 0.00	15.15 0.15 -1.24
HAMLTNNY_34_KV_TB 80303	19.59 0.46 0.00	16.85 0.38 0.00	16.53 0.32 0.00	16.29 0.30 0.00	16.37 0.37 0.00	18.03 0.39 0.00	27.22 0.64 0.00	33.97 0.83 0.00	31.82 0.72 0.00	26.24 0.67 0.00	23.80 0.54 0.00	23.31 0.48 0.00	21.88 0.53 0.00	22.42 0.53 0.00	22.35 0.50 0.00	23.15 0.48 0.00	25.09 0.54 0.00	32.28 0.69 0.00	39.01 0.73 0.00	36.03 0.67 0.00	28.25 0.66 0.00	24.13 0.54 0.00	20.73 0.39 0.00	15.29 0.23 -1.30
HAMPSHIRE___PAPER_HYD 323593	18.88 -0.25 0.00	16.24 -0.23 0.00	15.98 -0.23 0.00	15.77 -0.21 0.00	15.75 -0.26 0.00	17.39 -0.25 0.00	26.50 -0.08 0.00	33.11 -0.03 0.00	30.92 -0.19 0.00	25.22 -0.36 0.00	22.73 -0.53 0.00	22.26 -0.57 0.00	20.73 -0.62 0.00	21.23 -0.66 0.00	21.19 -0.65 0.00	22.01 -0.66 0.00	23.86 -0.69 0.00	30.89 -0.70 0.00	37.66 -0.61 0.00	34.75 -0.60 0.00	27.18 -0.41 0.00	23.40 -0.19 0.00	20.12 -0.22 0.00	13.88 -0.19 -0.31
HARDSCRABBLE_WT_PWR 323673	19.51 0.38 0.00	16.80 0.33 0.00	16.54 0.34 0.00	16.32 0.34 0.00	16.32 0.32 0.00	18.01 0.37 0.00	27.09 0.50 0.00	33.77 0.63 0.00	31.70 0.59 0.00	26.04 0.46 0.00	23.69 0.42 0.00	23.21 0.39 0.00	21.69 0.34 0.00	22.24 0.35 0.00	22.19 0.35 0.00	23.03 0.36 0.00	24.94 0.39 0.00	32.13 0.54 0.00	38.93 0.65 0.00	35.95 0.60 0.00	28.06 0.47 0.00	23.99 0.40 0.00	20.77 0.43 0.00	14.15 0.26 -0.13
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	20.18 1.05 0.00	17.36 0.89 0.00	17.06 0.86 0.00	16.81 0.83 0.00	16.82 0.82 0.00	18.57 0.93 0.00	27.97 1.38 0.00	35.03 1.89 0.00	33.06 1.74 -0.21	27.26 1.46 -0.22	24.85 1.42 -0.17	24.48 1.48 -0.17	22.79 1.34 -0.09	23.37 1.40 -0.08	23.31 1.40 -0.06	24.24 1.47 -0.10	26.26 1.55 -0.17	33.93 1.93 -0.41	40.94 2.41 -0.25	38.04 2.26 -0.42	29.36 1.55 -0.22	25.06 1.39 -0.08	21.61 1.26 0.00	19.51 0.87 -4.89

HARSNRAD_115KV_TB1 81005	19.53 0.40 0.00	16.80 0.33 0.00	16.20 0.00 0.00	16.01 0.03 0.00	16.16 0.16 0.00	17.76 0.12 0.00	26.64 0.05 0.00	32.85 -0.30 0.00	31.11 0.00 0.00	25.91 0.33 0.00	23.55 0.28 0.00	22.96 0.14 0.00	21.82 0.47 0.00	22.24 0.35 0.00	22.22 0.37 0.00	22.76 0.09 0.00	24.57 0.02 0.00	31.43 -0.16 0.00	37.28 -1.00 0.00	34.47 -0.88 0.00	27.78 0.19 0.00	23.85 0.26 0.00	20.53 0.18 0.00	15.27 0.00 -1.51
HARZA MOOSE__RIVER 24016	19.38 0.25 0.00	16.66 0.18 0.00	16.40 0.19 0.00	16.17 0.19 0.00	16.16 0.16 0.00	17.85 0.21 0.00	27.14 0.56 0.00	33.94 0.80 0.00	31.64 0.53 0.00	25.83 0.26 0.00	23.43 0.16 0.00	22.94 0.11 0.00	21.43 0.09 0.00	21.96 0.07 0.00	21.91 0.07 0.00	22.79 0.11 0.00	24.74 0.20 0.00	32.03 0.44 0.00	38.97 0.69 0.00	36.03 0.67 0.00	28.11 0.52 0.00	24.08 0.50 0.00	20.65 0.31 0.00	14.28 0.15 -0.37
HDSNBRDG_115KV_BRDG_TB1 355580	19.28 0.15 0.00	16.59 0.12 0.00	16.28 0.08 0.00	16.05 0.06 0.00	16.11 0.11 0.00	17.76 0.12 0.00	26.80 0.21 0.00	33.38 0.23 0.00	31.30 0.19 0.00	25.78 0.20 0.00	23.43 0.16 0.00	22.96 0.14 0.00	21.54 0.19 0.00	22.07 0.18 0.00	22.02 0.17 0.00	22.79 0.11 0.00	24.69 0.15 0.00	31.78 0.19 0.00	38.39 0.11 0.00	35.46 0.11 0.00	27.78 0.19 0.00	23.73 0.14 0.00	20.43 0.08 0.00	14.97 0.04 -1.17
HELLGATE_13_KV_LD 55870	20.10 0.96 -0.01	17.31 0.82 -0.01	17.09 0.87 -0.01	16.91 0.93 0.00	16.91 0.91 0.00	18.59 0.93 -0.01	28.01 1.38 -0.04	35.03 1.89 0.00	33.28 1.90 -0.27	27.40 1.48 -0.33	25.10 1.56 -0.27	24.86 1.76 -0.28	23.12 1.56 -0.21	23.69 1.62 -0.18	23.60 1.59 -0.16	24.56 1.70 -0.18	26.54 1.74 -0.25	34.08 1.96 -0.54	41.02 2.41 -0.33	38.09 2.19 -0.55	29.40 1.52 -0.29	25.10 1.34 -0.17	21.73 1.28 -0.11	20.17 0.91 -5.50
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	20.10 0.96 -0.01	17.31 0.82 -0.01	17.09 0.87 -0.01	16.91 0.93 0.00	16.91 0.91 0.00	18.59 0.93 -0.01	28.01 1.38 -0.04	35.03 1.89 0.00	33.28 1.90 -0.27	27.40 1.48 -0.33	25.10 1.56 -0.27	24.86 1.76 -0.28	23.12 1.56 -0.21	23.69 1.62 -0.18	23.60 1.59 -0.16	24.56 1.70 -0.18	26.54 1.74 -0.25	34.08 1.96 -0.54	41.02 2.41 -0.33	38.09 2.19 -0.55	29.40 1.52 -0.29	25.10 1.34 -0.17	21.73 1.28 -0.11	20.17 0.91 -5.50
HEMPSTEAD____ 23647	23.08 1.44 -2.52	21.11 1.20 -3.43	18.10 1.20 -0.70	17.17 1.18 -0.01	17.19 1.18 -0.01	19.68 1.36 -0.68	30.89 2.07 -2.23	35.50 2.35 0.00	33.74 2.36 -0.27	30.27 2.12 -2.57	28.44 2.02 -3.15	27.90 2.12 -2.95	27.85 1.94 -4.56	27.83 1.99 -3.95	27.86 1.99 -4.03	27.98 2.08 -3.22	28.45 2.16 -1.75	34.56 2.43 -0.54	41.56 2.95 -0.33	39.51 2.83 -1.32	29.98 2.10 -0.30	28.84 1.86 -3.39	27.45 1.71 -5.39	23.89 1.13 -9.01
HEWLETT__69_KV_BK3 55828	23.27 1.63 -2.52	21.27 1.37 -3.43	18.26 1.36 -0.70	17.31 1.33 0.00	17.33 1.33 0.00	19.83 1.52 -0.68	31.07 2.29 -2.20	35.76 2.62 0.00	33.99 2.61 -0.27	30.48 2.33 -2.57	28.60 2.19 -3.15	28.08 2.31 -2.95	28.00 2.09 -4.56	27.98 2.15 -3.95	28.02 2.14 -4.03	28.14 2.24 -3.22	28.68 2.38 -1.75	34.87 2.75 -0.54	41.86 3.25 -0.33	39.97 3.29 -1.32	30.25 2.37 -0.29	29.05 2.08 -3.39	27.69 1.95 -5.39	24.05 1.32 -8.97
HICKLING__1 23621	20.16 1.03 0.00	17.33 0.86 0.00	16.87 0.66 0.00	16.62 0.64 0.00	16.75 0.75 0.00	18.45 0.81 0.00	28.02 1.44 0.00	34.87 1.72 0.00	32.70 1.59 0.00	27.06 1.48 0.00	24.55 1.28 0.00	23.97 1.14 0.00	22.61 1.26 0.00	23.14 1.25 0.00	23.09 1.25 0.00	23.81 1.13 0.00	25.73 1.18 0.00	33.14 1.55 0.00	39.81 1.53 0.00	36.77 1.41 0.00	29.08 1.49 0.00	24.81 1.23 0.00	21.26 0.92 0.00	16.26 0.44 -2.06
HICKLING__2 23622	20.16 1.03 0.00	17.33 0.86 0.00	16.87 0.66 0.00	16.62 0.64 0.00	16.75 0.75 0.00	18.45 0.81 0.00	28.02 1.44 0.00	34.87 1.72 0.00	32.70 1.59 0.00	27.06 1.48 0.00	24.55 1.28 0.00	23.97 1.14 0.00	22.61 1.26 0.00	23.14 1.25 0.00	23.09 1.25 0.00	23.81 1.13 0.00	25.73 1.18 0.00	33.14 1.55 0.00	39.81 1.53 0.00	36.77 1.41 0.00	29.08 1.49 0.00	24.81 1.23 0.00	21.26 0.92 0.00	16.26 0.44 -2.06
HIGH FALLS__HY 23754	20.33 1.21 0.00	17.48 1.00 0.00	17.16 0.96 0.00	16.91 0.93 0.00	16.90 0.90 0.00	18.66 1.02 0.00	28.07 1.49 0.00	35.17 2.02 0.00	33.11 1.90 -0.10	27.20 1.51 -0.11	24.79 1.44 -0.08	24.44 1.53 -0.09	22.78 1.39 -0.05	23.38 1.44 -0.04	23.32 1.44 -0.03	24.24 1.52 -0.05	26.25 1.62 -0.09	33.89 2.08 -0.21	40.97 2.56 -0.13	38.01 2.44 -0.22	29.36 1.66 -0.11	25.16 1.53 -0.04	21.71 1.36 0.00	20.03 0.98 -5.30
HILLBURN__GT 23639	20.18 1.05 0.00	17.36 0.89 0.00	17.05 0.84 0.00	16.80 0.81 0.00	16.82 0.82 0.00	18.57 0.93 0.00	27.94 1.36 0.00	35.00 1.86 0.00	33.06 1.74 -0.21	27.29 1.48 -0.23	24.88 1.44 -0.17	24.56 1.55 -0.18	22.83 1.39 -0.10	23.42 1.44 -0.08	23.35 1.44 -0.07	24.27 1.50 -0.10	26.30 1.57 -0.18	33.88 1.86 -0.43	40.88 2.34 -0.26	37.80 2.01 -0.43	29.36 1.54 -0.23	24.99 1.32 -0.08	21.63 1.28 0.00	19.54 0.84 -4.95
HILLSIDE_115KV_TB1 80332	19.93 0.80 0.00	17.13 0.66 0.00	16.67 0.47 0.00	16.43 0.45 0.00	16.56 0.56 0.00	18.22 0.58 0.00	27.54 0.96 0.00	34.31 1.16 0.00	32.17 1.06 0.00	26.63 1.05 0.00	24.17 0.91 0.00	23.62 0.80 0.00	22.24 0.90 0.00	22.79 0.90 0.00	22.74 0.90 0.00	23.47 0.79 0.00	25.33 0.79 0.00	32.63 1.04 0.00	39.23 0.96 0.00	36.24 0.88 0.00	28.64 1.05 0.00	24.48 0.90 0.00	21.04 0.69 0.00	16.15 0.29 -2.11
HISHELDN_WT_PWR 323625	19.84 0.71 0.00	17.07 0.59 0.00	16.54 0.34 0.00	16.24 0.25 0.00	16.39 0.38 0.00	18.03 0.39 0.00	27.17 0.58 0.00	33.64 0.50 0.00	31.76 0.65 0.00	26.40 0.82 0.00	23.99 0.72 0.00	23.42 0.59 0.00	22.20 0.85 0.00	22.63 0.74 0.00	22.61 0.76 0.00	23.22 0.54 0.00	25.16 0.61 0.00	32.19 0.60 0.00	38.28 0.00 0.00	36.13 0.78 0.00	28.34 0.75 0.00	24.22 0.64 0.00	20.83 0.49 0.00	15.55 0.12 -1.67
HOLTSVILLE_IC_1 23690	23.61 1.97 -2.52	21.55 1.65 -3.43	18.56 1.65 -0.70	17.59 1.60 -0.01	17.63 1.62 -0.01	20.15 1.83 -0.68	36.19 2.82 -6.79	50.18 2.95 -14.08	39.31 2.99 -5.21	36.40 2.86 -7.96	34.60 2.54 -8.80	33.00 2.69 -7.49	32.37 2.48 -8.55	32.98 2.54 -8.55	33.99 2.53 -9.61	34.01 2.63 -8.71	34.63 2.77 -7.31	60.55 2.97 -26.00	80.17 3.60 -38.29	83.62 3.50 -44.76	69.74 2.68 -39.48	42.16 2.41 -16.16	42.07 2.26 -19.47	37.60 1.51 -22.33
HOLTSVILLE_IC_10 23699	23.71 2.07 -2.52	21.65 1.75 -3.43	18.64 1.73 -0.70	17.68 1.69 -0.01	17.71 1.70 -0.01	20.26 1.94 -0.68	36.76 3.03 -7.15	51.52 3.21 -15.17	39.90 3.24 -5.56	36.24 3.07 -7.59	34.43 2.74 -8.41	32.86 2.88 -7.16	32.25 2.65 -8.26	32.85 2.74 -8.22	33.78 2.73 -9.21	33.75 2.77 -8.31	34.40 2.92 -6.93	58.97 3.16 -24.23	77.83 3.91 -35.65	80.91 3.82 -41.73	67.26 2.92 -36.75	41.49 2.62 -15.28	41.22 2.38 -18.49	36.76 1.59 -21.41

HOLTSVILLE_IC_2 23691	23.61 1.97 -2.52	21.55 1.65 -3.43	18.56 1.65 -0.70	17.59 1.60 -0.01	17.63 1.62 -0.01	20.15 1.83 -0.68	36.19 2.82 -6.79	50.18 2.95 -14.08	39.31 2.99 -5.21	36.40 2.86 -7.96	34.60 2.54 -8.80	33.00 2.69 -7.49	32.37 2.48 -8.55	32.98 2.54 -8.55	33.99 2.53 -9.61	34.01 2.63 -8.71	34.63 2.77 -7.31	60.55 2.97 -26.00	80.17 3.60 -38.29	83.62 3.50 -44.76	69.74 2.68 -39.48	42.16 2.41 -16.16	42.07 2.26 -19.47	37.60 1.51 -22.33
HOLTSVILLE_IC_3 23692	23.61 1.97 -2.52	21.55 1.65 -3.43	18.56 1.65 -0.70	17.59 1.60 -0.01	17.63 1.62 -0.01	20.15 1.83 -0.68	36.19 2.82 -6.79	50.18 2.95 -14.08	39.31 2.99 -5.21	36.40 2.86 -7.96	34.60 2.54 -8.80	33.00 2.69 -7.49	32.37 2.48 -8.55	32.98 2.54 -8.55	33.99 2.53 -9.61	34.01 2.63 -8.71	34.63 2.77 -7.31	60.55 2.97 -26.00	80.17 3.60 -38.29	83.62 3.50 -44.76	69.74 2.68 -39.48	42.16 2.41 -16.16	42.07 2.26 -19.47	37.60 1.51 -22.33
HOLTSVILLE_IC_4 23693	23.61 1.97 -2.52	21.55 1.65 -3.43	18.56 1.65 -0.70	17.59 1.60 -0.01	17.63 1.62 -0.01	20.15 1.83 -0.68	36.19 2.82 -6.79	50.18 2.95 -14.08	39.31 2.99 -5.21	36.40 2.86 -7.96	34.60 2.54 -8.80	33.00 2.69 -7.49	32.37 2.48 -8.55	32.98 2.54 -8.55	33.99 2.53 -9.61	34.01 2.63 -8.71	34.63 2.77 -7.31	60.55 2.97 -26.00	80.17 3.60 -38.29	83.62 3.50 -44.76	69.74 2.68 -39.48	42.16 2.41 -16.16	42.07 2.26 -19.47	37.60 1.51 -22.33
HOLTSVILLE_IC_5 23694	23.61 1.97 -2.52	21.55 1.65 -3.43	18.56 1.65 -0.70	17.59 1.60 -0.01	17.63 1.62 -0.01	20.15 1.83 -0.68	36.19 2.82 -6.79	50.18 2.95 -14.08	39.31 2.99 -5.21	36.40 2.86 -7.96	34.60 2.54 -8.80	33.00 2.69 -7.49	32.37 2.48 -8.55	32.98 2.54 -8.55	33.99 2.53 -9.61	34.01 2.63 -8.71	34.63 2.77 -7.31	60.55 2.97 -26.00	80.17 3.60 -38.29	83.62 3.50 -44.76	69.74 2.68 -39.48	42.16 2.41 -16.16	42.07 2.26 -19.47	37.60 1.51 -22.33
HOLTSVILLE_IC_6 23695	23.71 2.07 -2.52	21.65 1.75 -3.43	18.64 1.73 -0.70	17.68 1.69 -0.01	17.71 1.70 -0.01	20.26 1.94 -0.68	36.76 3.03 -7.15	51.52 3.21 -15.17	39.90 3.24 -5.56	36.24 3.07 -7.59	34.43 2.74 -8.41	32.86 2.88 -7.16	32.25 2.65 -8.26	32.85 2.74 -8.22	33.78 2.73 -9.21	33.75 2.77 -8.31	34.40 2.92 -6.93	58.97 3.16 -24.23	77.83 3.91 -35.65	80.91 3.82 -41.73	67.26 2.92 -36.75	41.49 2.62 -15.28	41.22 2.38 -18.49	36.76 1.59 -21.41
HOLTSVILLE_IC_7 23696	23.71 2.07 -2.52	21.65 1.75 -3.43	18.64 1.73 -0.70	17.68 1.69 -0.01	17.71 1.70 -0.01	20.26 1.94 -0.68	36.76 3.03 -7.15	51.52 3.21 -15.17	39.90 3.24 -5.56	36.24 3.07 -7.59	34.43 2.74 -8.41	32.86 2.88 -7.16	32.25 2.65 -8.26	32.85 2.74 -8.22	33.78 2.73 -9.21	33.75 2.77 -8.31	34.40 2.92 -6.93	58.97 3.16 -24.23	77.83 3.91 -35.65	80.91 3.82 -41.73	67.26 2.92 -36.75	41.49 2.62 -15.28	41.22 2.38 -18.49	36.76 1.59 -21.41
HOLTSVILLE_IC_8 23697	23.71 2.07 -2.52	21.65 1.75 -3.43	18.64 1.73 -0.70	17.68 1.69 -0.01	17.71 1.70 -0.01	20.26 1.94 -0.68	36.76 3.03 -7.15	51.52 3.21 -15.17	39.90 3.24 -5.56	36.24 3.07 -7.59	34.43 2.74 -8.41	32.86 2.88 -7.16	32.25 2.65 -8.26	32.85 2.74 -8.22	33.78 2.73 -9.21	33.75 2.77 -8.31	34.40 2.92 -6.93	58.97 3.16 -24.23	77.83 3.91 -35.65	80.91 3.82 -41.73	67.26 2.92 -36.75	41.49 2.62 -15.28	41.22 2.38 -18.49	36.76 1.59 -21.41
HOLTSVILLE_IC_9 23698	23.71 2.07 -2.52	21.65 1.75 -3.43	18.64 1.73 -0.70	17.68 1.69 -0.01	17.71 1.70 -0.01	20.26 1.94 -0.68	36.76 3.03 -7.15	51.52 3.21 -15.17	39.90 3.24 -5.56	36.24 3.07 -7.59	34.43 2.74 -8.41	32.86 2.88 -7.16	32.25 2.65 -8.26	32.85 2.74 -8.22	33.78 2.73 -9.21	33.75 2.77 -8.31	34.40 2.92 -6.93	58.97 3.16 -24.23	77.83 3.91 -35.65	80.91 3.82 -41.73	67.26 2.92 -36.75	41.49 2.62 -15.28	41.22 2.38 -18.49	36.76 1.59 -21.41
HOMER_HL_115KV_TB2 355744	20.26 1.13 0.00	17.38 0.91 0.00	16.75 0.55 0.00	16.51 0.53 0.00	16.67 0.67 0.00	18.31 0.67 0.00	27.75 1.17 0.00	34.54 1.39 0.00	32.42 1.31 0.00	27.01 1.43 0.00	24.52 1.26 0.00	23.92 1.10 0.00	22.65 1.30 0.00	23.12 1.23 0.00	23.07 1.22 0.00	23.67 1.00 0.00	25.46 0.91 0.00	32.85 1.26 0.00	39.27 1.00 0.00	36.34 0.99 0.00	28.94 1.35 0.00	24.72 1.13 0.00	21.22 0.87 0.00	15.38 -0.07 -1.69
HOWARD_WT_PWR 323690	20.35 1.23 0.00	17.51 1.04 0.00	17.00 0.79 0.00	16.70 0.72 0.00	16.87 0.86 0.00	18.57 0.93 0.00	28.18 1.59 0.00	35.03 1.89 0.00	32.85 1.74 0.00	27.22 1.64 0.00	24.69 1.42 0.00	24.06 1.23 0.00	22.71 1.37 0.00	23.23 1.34 0.00	23.20 1.35 0.00	23.90 1.22 0.00	25.92 1.37 0.00	33.33 1.74 0.00	39.89 1.61 0.00	37.33 1.98 0.00	29.27 1.68 0.00	24.96 1.37 0.00	21.38 1.04 0.00	16.07 0.49 -1.82
HQ_GEN_CEDARS 23644	18.82 -0.31 0.00	16.23 -0.25 0.00	15.94 -0.26 0.00	15.77 -0.21 0.00	15.73 -0.27 0.00	17.34 -0.30 0.00	26.18 -0.40 0.00	32.65 -0.50 0.00	30.64 -0.47 0.00	25.17 -0.41 0.00	22.78 -0.49 0.00	22.30 -0.52 0.00	20.81 -0.53 0.00	21.32 -0.57 0.00	21.28 -0.57 0.00	22.11 -0.57 0.00	23.91 -0.64 0.00	30.83 -0.76 0.00	37.51 -0.77 0.00	34.58 -0.78 0.00	27.01 -0.58 0.00	23.26 -0.33 0.00	20.06 -0.28 0.00	13.56 -0.19 0.00
HQ_GEN_CEDARS_PROXY 323590	18.82 -0.31 0.00	16.23 -0.25 0.00	15.94 -0.26 0.00	15.77 -0.21 0.00	15.73 -0.27 0.00	17.34 -0.30 0.00	26.19 -0.40 0.00	32.65 -0.50 0.00	30.64 -0.47 0.00	25.17 -0.41 0.00	22.78 -0.49 0.00	22.30 -0.52 0.00	20.81 -0.53 0.00	21.32 -0.57 0.00	21.28 -0.57 0.00	22.11 -0.57 0.00	23.91 -0.64 0.00	30.83 -0.76 0.00	37.51 -0.77 0.00	34.58 -0.78 0.00	27.04 -0.55 0.00	23.23 -0.35 0.00	20.06 -0.28 0.00	13.55 -0.21 0.00
HQ_GEN_IMPORT 323601	18.86 -0.27 0.00	16.24 -0.23 0.00	15.98 -0.23 0.00	15.77 -0.21 0.00	15.78 -0.22 0.00	17.38 -0.26 0.00	26.21 -0.37 0.00	32.68 -0.46 0.00	30.70 -0.41 0.00	25.25 -0.33 0.00	22.94 -0.33 0.00	22.48 -0.34 0.00	21.03 -0.32 0.00	21.54 -0.35 0.00	21.50 -0.35 0.00	22.33 -0.34 0.00	24.18 -0.37 0.00	31.12 -0.47 0.00	37.74 -0.54 0.00	34.82 -0.53 0.00	27.20 -0.39 0.00	23.28 -0.31 0.00	20.08 -0.27 0.00	13.58 -0.18 0.00
HQ_GEN_WHEEL 23651	18.86 -0.27 0.00	16.24 -0.23 0.00	15.98 -0.23 0.00	15.77 -0.21 0.00	15.78 -0.22 0.00	17.38 -0.26 0.00	26.21 -0.37 0.00	32.68 -0.46 0.00	30.70 -0.41 0.00	25.25 -0.33 0.00	22.94 -0.33 0.00	22.48 -0.34 0.00	21.03 -0.32 0.00	21.54 -0.35 0.00	21.50 -0.35 0.00	22.33 -0.34 0.00	24.18 -0.37 0.00	31.12 -0.47 0.00	37.74 -0.54 0.00	34.82 -0.53 0.00	27.20 -0.39 0.00	23.28 -0.31 0.00	20.08 -0.27 0.00	13.58 -0.18 0.00
HUDSON_AVE_GT_3 23810	20.23 1.09 -0.01	17.41 0.92 -0.01	17.17 0.96 -0.01	16.91 0.93 0.00	16.93 0.93 0.00	18.71 1.06 -0.01	28.19 1.57 -0.04	35.30 2.15 0.00	33.52 2.15 -0.27	27.60 1.69 -0.33	25.23 1.70 -0.27	24.95 1.85 -0.27	23.21 1.67 -0.20	23.79 1.73 -0.17	23.70 1.70 -0.15	24.64 1.79 -0.18	26.69 1.89 -0.25	34.27 2.15 -0.54	41.25 2.64 -0.33	38.34 2.44 -0.55	29.62 1.74 -0.29	25.26 1.51 -0.16	21.84 1.40 -0.10	20.25 0.99 -5.50

HUDSON AVE_GT_4 23540	20.23 1.09 -0.01	17.41 0.92 -0.01	17.17 0.96 -0.01	16.91 0.93 0.00	16.93 0.93 0.00	18.71 1.06 -0.01	28.19 1.57 -0.04	35.30 2.15 0.00	33.52 2.15 -0.27	27.60 1.69 -0.33	25.23 1.70 -0.27	24.95 1.85 -0.27	23.21 1.67 -0.20	23.79 1.73 -0.17	23.70 1.70 -0.15	24.64 1.79 -0.18	26.69 1.89 -0.25	34.27 2.15 -0.54	41.25 2.64 -0.33	38.34 2.44 -0.55	29.62 1.74 -0.29	25.26 1.51 -0.16	21.84 1.40 -0.10	20.25 0.99 -5.50
HUDSON AVE_GT_5 23657	20.23 1.09 -0.01	17.41 0.92 -0.01	17.17 0.96 -0.01	16.91 0.93 0.00	16.93 0.93 0.00	18.71 1.06 -0.01	28.19 1.57 -0.04	35.30 2.15 0.00	33.52 2.15 -0.27	27.60 1.69 -0.33	25.23 1.70 -0.27	24.95 1.85 -0.27	23.21 1.67 -0.20	23.79 1.73 -0.17	23.70 1.70 -0.15	24.64 1.79 -0.18	26.69 1.89 -0.25	34.27 2.15 -0.54	41.25 2.64 -0.33	38.34 2.44 -0.55	29.62 1.74 -0.29	25.26 1.51 -0.16	21.84 1.40 -0.10	20.25 0.99 -5.50
HUDSON_AVE_10 24168	20.16 1.01 -0.01	17.34 0.86 -0.01	17.11 0.89 -0.01	16.85 0.86 0.00	16.87 0.86 0.00	18.64 0.99 -0.01	28.06 1.46 -0.01	35.23 2.09 0.00	33.43 2.05 -0.27	27.44 1.56 -0.30	25.07 1.58 -0.23	24.80 1.73 -0.24	23.05 1.56 -0.15	23.64 1.62 -0.13	23.54 1.59 -0.10	24.49 1.68 -0.14	26.54 1.77 -0.23	34.15 2.02 -0.54	41.10 2.49 -0.33	38.16 2.26 -0.55	29.48 1.60 -0.29	25.12 1.42 -0.11	21.67 1.30 -0.03	20.19 0.94 -5.50
HUDSON___115KV_TB 4 355613	19.74 0.61 0.00	17.08 0.61 0.00	16.85 0.65 0.00	16.67 0.69 0.00	16.66 0.66 0.00	18.33 0.69 0.00	27.70 1.12 0.00	34.44 1.29 0.00	32.12 1.21 0.20	26.23 0.87 0.21	23.92 0.81 0.16	23.41 0.75 0.17	21.90 0.64 0.09	22.56 0.74 0.08	22.55 0.76 0.06	23.44 0.86 0.09	25.35 0.96 0.16	32.63 1.42 0.38	39.88 1.84 0.24	36.63 1.66 0.39	28.54 1.16 0.21	24.43 0.92 0.07	21.16 0.81 0.00	20.58 0.41 -6.41
HUNTER MOUNT___DRP 323613	19.78 0.65 0.00	17.15 0.68 0.00	16.90 0.70 0.00	16.72 0.74 0.00	16.71 0.70 0.00	18.38 0.74 0.00	27.83 1.25 0.00	34.57 1.43 0.00	32.28 1.31 0.13	26.38 0.95 0.14	24.02 0.86 0.11	23.49 0.78 0.11	21.95 0.66 0.06	22.63 0.79 0.05	22.61 0.81 0.04	23.50 0.88 0.06	25.45 1.01 0.10	32.95 1.61 0.25	40.19 2.07 0.15	36.97 1.87 0.26	28.75 1.30 0.14	24.53 0.99 0.05	21.18 0.83 0.00	20.36 0.37 -6.23
HUNTINGTON_RES_REC 323705	23.44 1.80 -2.52	21.41 1.50 -3.43	18.41 1.51 -0.70	17.46 1.47 -0.01	17.48 1.47 -0.01	19.99 1.68 -0.68	28.31 2.74 1.02	25.43 2.82 10.53	30.68 2.86 3.29	29.97 2.71 -1.68	27.88 2.40 -2.21	27.61 2.51 -2.28	27.62 2.31 -3.97	27.53 2.39 -3.26	27.42 2.38 -3.19	27.52 2.45 -2.39	27.98 2.60 -0.83	30.84 2.78 3.53	35.97 3.41 5.71	33.13 3.36 5.58	24.17 2.51 5.93	27.18 2.26 -1.33	25.61 2.14 -3.13	22.05 1.43 -6.86
HUNTLEY___63 23557	19.64 0.52 0.00	16.89 0.41 0.00	16.38 0.18 0.00	16.11 0.13 0.00	16.26 0.26 0.00	17.87 0.23 0.00	26.82 0.24 0.00	33.15 0.00 0.00	31.36 0.25 0.00	26.12 0.54 0.00	23.76 0.49 0.00	23.17 0.34 0.00	22.01 0.66 0.00	22.44 0.55 0.00	22.41 0.57 0.00	22.94 0.27 0.00	24.77 0.22 0.00	31.72 0.13 0.00	37.67 -0.61 0.00	34.82 -0.53 0.00	28.00 0.41 0.00	24.04 0.45 0.00	20.67 0.33 0.00	15.36 0.06 -1.55
HUNTLEY___64 23558	19.64 0.52 0.00	16.89 0.41 0.00	16.38 0.18 0.00	16.11 0.13 0.00	16.26 0.26 0.00	17.87 0.23 0.00	26.82 0.24 0.00	33.15 0.00 0.00	31.36 0.25 0.00	26.12 0.54 0.00	23.76 0.49 0.00	23.17 0.34 0.00	22.01 0.66 0.00	22.44 0.55 0.00	22.41 0.57 0.00	22.94 0.27 0.00	24.77 0.22 0.00	31.72 0.13 0.00	37.67 -0.61 0.00	34.82 -0.53 0.00	28.00 0.41 0.00	24.04 0.45 0.00	20.67 0.33 0.00	15.36 0.06 -1.55
HUNTLEY___65 23559	19.64 0.52 0.00	16.89 0.41 0.00	16.38 0.18 0.00	16.11 0.13 0.00	16.26 0.26 0.00	17.87 0.23 0.00	26.82 0.24 0.00	33.15 0.00 0.00	31.36 0.25 0.00	26.12 0.54 0.00	23.76 0.49 0.00	23.17 0.34 0.00	22.01 0.66 0.00	22.44 0.55 0.00	22.41 0.57 0.00	22.94 0.27 0.00	24.77 0.22 0.00	31.72 0.13 0.00	37.67 -0.61 0.00	34.82 -0.53 0.00	28.00 0.41 0.00	24.04 0.45 0.00	20.67 0.33 0.00	15.36 0.06 -1.55
HUNTLEY___66 23560	19.64 0.52 0.00	16.89 0.41 0.00	16.38 0.18 0.00	16.11 0.13 0.00	16.26 0.26 0.00	17.87 0.23 0.00	26.82 0.24 0.00	33.15 0.00 0.00	31.36 0.25 0.00	26.12 0.54 0.00	23.76 0.49 0.00	23.17 0.34 0.00	22.01 0.66 0.00	22.44 0.55 0.00	22.41 0.57 0.00	22.94 0.27 0.00	24.77 0.22 0.00	31.72 0.13 0.00	37.67 -0.61 0.00	34.82 -0.53 0.00	28.00 0.41 0.00	24.04 0.45 0.00	20.67 0.33 0.00	15.36 0.06 -1.55
HUNTLEY___67 23561	19.57 0.44 0.00	16.80 0.33 0.00	16.27 0.06 0.00	16.03 0.05 0.00	16.18 0.18 0.00	17.78 0.14 0.00	26.72 0.13 0.00	33.01 -0.13 0.00	31.23 0.12 0.00	26.01 0.43 0.00	23.66 0.40 0.00	23.10 0.27 0.00	21.92 0.58 0.00	22.35 0.46 0.00	22.33 0.48 0.00	22.88 0.20 0.00	24.67 0.12 0.00	31.59 0.00 0.00	37.47 -0.80 0.00	34.65 -0.71 0.00	27.89 0.30 0.00	23.92 0.33 0.00	20.59 0.24 0.00	15.31 -0.01 -1.57
HUNTLEY___68 23562	19.57 0.44 0.00	16.80 0.33 0.00	16.27 0.06 0.00	16.03 0.05 0.00	16.18 0.18 0.00	17.78 0.14 0.00	26.72 0.13 0.00	33.01 -0.13 0.00	31.23 0.12 0.00	26.01 0.43 0.00	23.66 0.40 0.00	23.10 0.27 0.00	21.92 0.58 0.00	22.35 0.46 0.00	22.33 0.48 0.00	22.88 0.20 0.00	24.67 0.12 0.00	31.59 0.00 0.00	37.47 -0.80 0.00	34.65 -0.71 0.00	27.89 0.30 0.00	23.92 0.33 0.00	20.59 0.24 0.00	15.31 -0.01 -1.57
HYLAND___LFGE 323620	20.51 1.38 0.00	17.65 1.17 0.00	17.13 0.92 0.00	16.86 0.88 0.00	16.96 0.96 0.00	18.75 1.11 0.00	28.79 2.21 0.00	35.80 2.65 0.00	33.38 2.27 0.00	27.44 1.87 0.00	24.69 1.42 0.00	23.97 1.14 0.00	22.58 1.24 0.00	23.16 1.27 0.00	23.13 1.29 0.00	23.92 1.25 0.00	26.12 1.57 0.00	33.80 2.21 0.00	40.92 2.64 0.00	38.39 3.04 0.00	29.96 2.37 0.00	25.62 2.03 0.00	21.69 1.34 0.00	16.07 0.69 -1.62
INDECK___CORINTH 23802	19.87 0.75 0.00	17.10 0.63 0.00	16.87 0.66 0.00	16.64 0.66 0.00	16.66 0.66 0.00	18.43 0.79 0.00	28.42 1.83 0.00	35.43 2.29 0.00	32.92 2.08 0.28	26.87 1.59 0.30	24.49 1.44 0.22	23.92 1.32 0.23	22.27 1.05 0.13	22.96 1.18 0.11	22.94 1.18 0.09	23.91 1.36 0.13	25.64 1.30 0.21	32.92 1.83 0.50	40.46 2.49 0.31	37.07 2.23 0.51	29.00 1.68 0.27	24.81 1.32 0.10	21.32 0.98 0.00	21.09 0.60 -6.73
INDECK___ILION 23567	19.38 0.25 0.00	16.69 0.21 0.00	16.43 0.23 0.00	16.21 0.22 0.00	16.21 0.21 0.00	17.89 0.25 0.00	26.93 0.35 0.00	33.61 0.46 0.00	31.51 0.40 0.00	25.89 0.31 0.00	23.55 0.28 0.00	23.10 0.27 0.00	21.58 0.23 0.00	22.13 0.24 0.00	22.09 0.24 0.00	22.92 0.25 0.00	24.84 0.29 0.00	31.97 0.38 0.00	38.78 0.50 0.00	35.81 0.46 0.00	27.95 0.36 0.00	23.94 0.35 0.00	20.61 0.26 0.00	14.05 0.17 -0.13

INDECK___OLEAN 23982	20.28 1.15 0.00	17.43 0.96 0.00	16.80 0.60 0.00	16.51 0.53 0.00	16.67 0.67 0.00	18.31 0.67 0.00	27.75 1.17 0.00	34.50 1.36 0.00	32.42 1.31 0.00	27.04 1.46 0.00	24.52 1.26 0.00	23.92 1.10 0.00	22.65 1.30 0.00	23.12 1.23 0.00	23.07 1.22 0.00	23.67 1.00 0.00	25.60 1.05 0.00	32.88 1.30 0.00	39.27 0.99 0.00	36.80 1.45 0.00	28.94 1.35 0.00	24.70 1.11 0.00	21.22 0.87 0.00	15.87 0.43 -1.69
INDECK___OSWEGO 23783	18.90 -0.23 0.00	16.26 -0.21 0.00	15.98 -0.23 0.00	15.74 -0.24 0.00	15.79 -0.21 0.00	17.41 -0.23 0.00	26.21 -0.37 0.00	32.61 -0.53 0.00	30.58 -0.53 0.00	25.17 -0.41 0.00	22.87 -0.40 0.00	22.42 -0.41 0.00	20.98 -0.36 0.00	21.52 -0.37 0.00	21.47 -0.37 0.00	22.27 -0.41 0.00	24.13 -0.42 0.00	31.05 -0.54 0.00	37.55 -0.73 0.00	34.75 -0.60 0.00	27.15 -0.44 0.00	23.19 -0.40 0.00	20.00 -0.35 0.00	14.50 -0.21 -0.95
INDECK___YERKES 23781	19.70 0.57 0.00	16.97 0.49 0.00	16.43 0.23 0.00	16.13 0.14 0.00	16.27 0.27 0.00	17.87 0.23 0.00	26.85 0.27 0.00	33.18 0.03 0.00	31.42 0.31 0.00	26.14 0.56 0.00	23.78 0.51 0.00	23.19 0.36 0.00	22.05 0.70 0.00	22.46 0.57 0.00	22.44 0.59 0.00	22.97 0.29 0.00	24.92 0.37 0.00	31.78 0.19 0.00	37.70 -0.57 0.00	35.78 0.43 0.00	28.03 0.44 0.00	23.99 0.40 0.00	20.69 0.35 0.00	15.30 0.00 -1.55
INDIAN POINT_GT_1 24139	20.16 1.03 0.00	17.35 0.87 0.00	17.08 0.87 0.00	16.81 0.83 0.00	16.83 0.83 0.00	18.59 0.95 0.00	28.02 1.44 0.00	35.07 1.92 0.00	33.23 1.87 -0.26	27.39 1.53 -0.28	24.99 1.51 -0.21	24.66 1.62 -0.22	22.92 1.45 -0.12	23.50 1.51 -0.10	23.43 1.51 -0.08	24.38 1.59 -0.12	26.41 1.64 -0.21	34.07 1.96 -0.52	41.01 2.41 -0.32	38.18 2.30 -0.53	29.47 1.60 -0.28	25.08 1.39 -0.10	21.65 1.30 0.00	19.99 0.89 -5.34
INDIAN POINT_GT_2 23659	20.16 1.03 0.00	17.35 0.87 0.00	17.08 0.87 0.00	16.81 0.83 0.00	16.83 0.83 0.00	18.59 0.95 0.00	28.02 1.44 0.00	35.07 1.92 0.00	33.23 1.87 -0.26	27.39 1.53 -0.28	24.99 1.51 -0.21	24.66 1.62 -0.22	22.92 1.45 -0.12	23.50 1.51 -0.10	23.43 1.51 -0.08	24.38 1.59 -0.12	26.41 1.64 -0.21	34.07 1.96 -0.52	41.01 2.41 -0.32	38.18 2.30 -0.53	29.47 1.60 -0.28	25.08 1.39 -0.10	21.65 1.30 0.00	19.99 0.89 -5.34
INDIAN POINT_GT_3 24019	20.16 1.03 0.00	17.35 0.87 0.00	17.08 0.87 0.00	16.81 0.83 0.00	16.83 0.83 0.00	18.59 0.95 0.00	28.02 1.44 0.00	35.07 1.92 0.00	33.23 1.87 -0.26	27.39 1.53 -0.28	24.99 1.51 -0.21	24.66 1.62 -0.22	22.92 1.45 -0.12	23.50 1.51 -0.10	23.43 1.51 -0.08	24.38 1.59 -0.12	26.41 1.64 -0.21	34.07 1.96 -0.52	41.01 2.41 -0.32	38.18 2.30 -0.53	29.47 1.60 -0.28	25.08 1.39 -0.10	21.65 1.30 0.00	19.99 0.89 -5.34
INDIAN POINT___2 23530	20.14 1.01 0.00	17.33 0.86 0.00	17.05 0.84 0.00	16.80 0.81 0.00	16.82 0.82 0.00	18.57 0.93 0.00	28.02 1.43 0.00	35.07 1.92 0.00	33.18 1.83 -0.24	27.34 1.51 -0.26	24.95 1.49 -0.19	24.62 1.60 -0.20	22.89 1.43 -0.11	23.47 1.49 -0.09	23.41 1.49 -0.07	24.33 1.54 -0.11	26.34 1.59 -0.20	33.99 1.93 -0.48	40.95 2.37 -0.29	37.96 2.12 -0.48	29.42 1.57 -0.26	25.05 1.37 -0.09	21.61 1.26 0.00	19.74 0.83 -5.16
INDIAN POINT___3 23531	20.16 1.03 0.00	17.35 0.87 0.00	17.09 0.89 0.00	16.83 0.85 0.00	16.85 0.85 0.00	18.61 0.97 0.00	28.05 1.46 0.00	35.07 1.92 0.00	33.28 1.90 -0.28	27.41 1.53 -0.30	25.02 1.54 -0.22	24.70 1.64 -0.23	22.95 1.47 -0.13	23.53 1.53 -0.11	23.46 1.53 -0.08	24.41 1.61 -0.13	26.44 1.67 -0.23	34.10 1.96 -0.55	41.03 2.41 -0.34	38.21 2.30 -0.56	29.49 1.60 -0.30	25.09 1.39 -0.11	21.65 1.30 0.00	20.12 0.89 -5.47
INGHAM_C_115KV_TB7 356103	19.59 0.46 0.00	16.87 0.40 0.00	16.61 0.41 0.00	16.37 0.38 0.00	16.37 0.37 0.00	18.06 0.42 0.00	27.17 0.58 0.00	33.87 0.73 0.00	31.76 0.65 0.00	26.09 0.51 0.00	23.73 0.47 0.00	23.28 0.46 0.00	21.75 0.41 0.00	22.28 0.39 0.00	22.24 0.39 0.00	23.08 0.41 0.00	24.99 0.44 0.00	32.19 0.60 0.00	39.01 0.73 0.00	36.03 0.67 0.00	28.14 0.55 0.00	24.20 0.61 0.00	20.83 0.49 0.00	14.21 0.32 -0.13
IP CORINTH___1 23988	19.87 0.75 0.00	17.12 0.64 0.00	16.87 0.66 0.00	16.64 0.66 0.00	16.66 0.66 0.00	18.43 0.79 0.00	28.42 1.83 0.00	35.43 2.29 0.00	32.92 2.08 0.28	26.87 1.59 0.30	24.49 1.44 0.22	23.92 1.32 0.23	22.27 1.05 0.13	22.96 1.18 0.11	22.94 1.18 0.09	23.91 1.36 0.13	25.64 1.30 0.21	32.92 1.83 0.50	40.46 2.49 0.31	37.14 2.30 0.51	29.00 1.68 0.27	24.69 1.20 0.10	21.34 1.00 0.00	21.04 0.55 -6.73
IP___TICONDEROGA 23804	20.66 1.53 0.00	17.78 1.30 0.00	17.50 1.30 0.00	17.26 1.28 0.00	17.28 1.28 0.00	19.17 1.53 0.00	29.61 3.03 0.00	36.96 3.81 0.00	34.28 3.45 0.28	27.99 2.71 0.30	25.49 2.44 0.22	24.83 2.24 0.23	22.76 1.54 0.13	23.51 1.73 0.11	23.49 1.73 0.09	24.54 2.00 0.13	26.40 2.06 0.21	33.96 2.87 0.51	41.87 3.90 0.31	38.83 3.99 0.52	30.35 3.03 0.27	25.78 2.29 0.10	22.18 1.83 0.00	21.49 1.00 -6.73
ISLIP_RES_REC 323679	23.80 2.16 -2.52	21.72 1.81 -3.43	18.72 1.81 -0.70	17.75 1.76 -0.01	17.77 1.76 -0.01	20.33 2.01 -0.68	36.48 3.19 -6.71	50.40 3.45 -13.81	39.65 3.45 -5.08	35.97 3.22 -7.17	34.12 2.88 -7.97	32.64 3.01 -6.81	32.07 2.77 -7.95	32.62 2.87 -7.86	33.48 2.86 -8.77	33.46 2.90 -7.89	34.13 3.09 -6.49	57.24 3.41 -22.24	75.13 4.17 -32.68	77.76 4.06 -38.34	64.36 3.09 -33.69	40.65 2.78 -14.28	40.22 2.48 -17.39	35.79 1.66 -20.37
JAMAICA___27_KV_LOAD 355505	20.10 0.96 -0.01	17.33 0.84 -0.01	17.11 0.89 -0.01	16.85 0.86 0.00	16.87 0.86 0.00	18.66 1.01 -0.01	28.00 1.41 -0.01	35.37 2.22 0.00	33.59 2.21 -0.27	27.39 1.51 -0.30	25.03 1.54 -0.23	24.78 1.71 -0.24	23.01 1.52 -0.15	23.57 1.55 -0.13	23.52 1.57 -0.10	24.47 1.66 -0.14	26.52 1.74 -0.23	34.18 2.05 -0.54	41.14 2.53 -0.33	38.13 2.23 -0.55	29.45 1.57 -0.29	25.05 1.34 -0.11	21.63 1.26 -0.03	20.18 0.92 -5.50
JANIS___SOLAR 323808	20.41 1.28 0.00	17.55 1.07 0.00	17.21 1.00 0.00	16.94 0.96 0.00	17.01 1.01 0.00	18.77 1.13 0.00	28.68 2.10 0.00	35.86 2.72 0.00	33.32 2.21 0.00	27.22 1.64 0.00	24.59 1.33 0.00	23.97 1.14 0.00	22.50 1.15 0.00	23.03 1.14 0.00	23.02 1.18 0.00	23.94 1.27 0.00	26.09 1.55 0.00	33.80 2.21 0.00	41.00 2.72 0.00	38.01 2.65 0.00	29.69 2.10 0.00	25.26 1.67 0.00	21.63 1.28 0.00	16.73 0.77 -2.20
JARVIS____ 23743	19.21 0.08 0.00	16.52 0.05 0.00	16.27 0.07 0.00	16.05 0.06 0.00	16.05 0.05 0.00	17.71 0.07 0.00	26.69 0.11 0.00	33.28 0.13 0.00	31.23 0.12 0.00	25.66 0.08 0.00	23.36 0.09 0.00	22.92 0.09 0.00	21.43 0.09 0.00	21.98 0.09 0.00	21.93 0.09 0.00	22.76 0.09 0.00	24.65 0.10 0.00	31.72 0.13 0.00	38.43 0.15 0.00	35.50 0.14 0.00	27.70 0.11 0.00	23.66 0.07 0.00	20.41 0.06 0.00	13.93 0.04 -0.13

JENNISON___1 23625	20.49 1.36 0.00	17.60 1.12 0.00	17.27 1.07 0.00	17.02 1.04 0.00	17.04 1.04 0.00	18.82 1.18 0.00	28.76 2.18 0.00	36.03 2.88 0.00	33.54 2.43 0.00	27.47 1.89 0.00	24.92 1.65 0.00	24.36 1.53 0.00	22.82 1.47 0.00	23.36 1.47 0.00	23.27 1.42 0.00	24.17 1.50 0.00	26.24 1.69 0.00	33.99 2.40 0.00	41.19 2.91 0.00	38.08 2.72 0.00	29.82 2.23 0.00	25.43 1.84 0.00	21.75 1.40 0.00	17.27 0.83 -2.69
JENNISON___2 23626	20.49 1.36 0.00	17.60 1.12 0.00	17.27 1.07 0.00	17.02 1.04 0.00	17.04 1.04 0.00	18.82 1.18 0.00	28.76 2.18 0.00	36.03 2.88 0.00	33.54 2.43 0.00	27.47 1.89 0.00	24.92 1.65 0.00	24.36 1.53 0.00	22.82 1.47 0.00	23.36 1.47 0.00	23.27 1.42 0.00	24.17 1.50 0.00	26.24 1.69 0.00	33.99 2.40 0.00	41.19 2.91 0.00	38.08 2.72 0.00	29.82 2.23 0.00	25.43 1.84 0.00	21.75 1.40 0.00	17.27 0.83 -2.69
JERICHO_RISE_WT_PWR 323719	19.09 -0.04 0.00	16.46 -0.02 0.00	16.16 -0.05 0.00	15.98 0.00 0.00	15.94 -0.06 0.00	17.62 -0.02 0.00	26.74 0.16 0.00	33.41 0.26 0.00	31.42 0.31 0.00	25.94 0.36 0.00	23.52 0.26 0.00	22.99 0.16 0.00	21.48 0.13 0.00	22.00 0.11 0.00	21.96 0.11 0.00	22.81 0.14 0.00	24.74 0.20 0.00	31.91 0.32 0.00	38.81 0.54 0.00	35.67 0.32 0.00	27.81 0.22 0.00	23.80 0.21 0.00	20.37 0.02 0.00	13.73 -0.03 0.00
KATONAH___115KV_46KV_TB4 355592	20.28 1.15 0.00	17.45 0.97 0.00	17.19 0.99 0.00	16.94 0.96 0.00	16.93 0.93 0.00	18.70 1.06 0.00	28.20 1.62 0.00	35.33 2.19 0.00	33.52 2.15 -0.26	27.60 1.74 -0.28	25.15 1.68 -0.21	24.80 1.76 -0.22	23.07 1.60 -0.12	23.64 1.64 -0.10	23.57 1.64 -0.08	24.52 1.72 -0.12	26.61 1.84 -0.22	34.36 2.24 -0.53	41.36 2.76 -0.32	38.54 2.65 -0.54	29.72 1.85 -0.29	25.25 1.56 -0.10	21.77 1.42 0.00	20.21 0.96 -5.49
KCE_NY_1 323755	19.99 0.86 0.00	17.22 0.74 0.00	16.98 0.78 0.00	16.75 0.77 0.00	16.77 0.77 0.00	18.52 0.88 0.00	28.26 1.68 0.00	35.23 2.09 0.00	32.73 1.90 0.27	26.77 1.48 0.29	24.40 1.35 0.22	23.90 1.30 0.23	22.33 1.11 0.13	22.98 1.20 0.11	22.98 1.22 0.08	23.88 1.34 0.13	25.66 1.32 0.21	32.88 1.80 0.51	40.30 2.34 0.32	36.92 2.09 0.52	28.91 1.60 0.28	24.78 1.30 0.10	21.38 1.04 0.00	21.16 0.67 -6.73
KCE_NY_6_ESR 323823	19.91 0.78 0.00	17.15 0.68 0.00	16.59 0.39 0.00	16.29 0.30 0.00	16.43 0.43 0.00	18.06 0.42 0.00	27.22 0.64 0.00	33.67 0.53 0.00	31.82 0.72 0.00	26.50 0.92 0.00	24.08 0.81 0.00	23.51 0.68 0.00	22.31 0.96 0.00	22.74 0.85 0.00	22.72 0.87 0.00	23.29 0.61 0.00	25.23 0.69 0.00	32.25 0.66 0.00	38.28 0.00 0.00	36.20 0.85 0.00	28.42 0.83 0.00	24.29 0.71 0.00	20.94 0.59 0.00	15.52 0.17 -1.60
KEDC_PORT_JEFF_GT2 24210	23.67 2.03 -2.52	21.60 1.70 -3.43	18.59 1.69 -0.70	17.64 1.65 -0.01	17.66 1.65 -0.01	20.21 1.89 -0.68	37.24 2.92 -7.74	53.12 2.98 -16.99	40.34 3.05 -6.18	36.51 2.94 -7.99	34.68 2.58 -8.83	33.07 2.76 -7.49	32.44 2.54 -8.55	33.07 2.63 -8.56	34.06 2.60 -9.61	34.06 2.67 -8.71	34.71 2.82 -7.34	60.59 2.90 -26.10	80.23 3.52 -38.43	83.74 3.47 -44.92	69.83 2.62 -39.62	42.19 2.38 -16.22	42.19 2.32 -19.53	37.71 1.57 -22.39
KEDC_PORT_JEFF_GT3 24211	23.67 2.03 -2.52	21.60 1.70 -3.43	18.59 1.69 -0.70	17.64 1.65 -0.01	17.66 1.65 -0.01	20.21 1.89 -0.68	37.24 2.92 -7.74	53.12 2.98 -16.99	40.34 3.05 -6.18	36.51 2.94 -7.99	34.68 2.58 -8.83	33.07 2.76 -7.49	32.44 2.54 -8.55	33.07 2.63 -8.56	34.06 2.60 -9.61	34.06 2.67 -8.71	34.71 2.82 -7.34	60.59 2.90 -26.10	80.23 3.52 -38.43	83.74 3.47 -44.92	69.83 2.62 -39.62	42.19 2.38 -16.22	42.19 2.32 -19.53	37.71 1.57 -22.39
KEDC_GLWD_GT4 24219	23.04 1.40 -2.52	21.08 1.17 -3.43	18.07 1.17 -0.70	17.12 1.13 -0.01	17.15 1.14 -0.01	19.62 1.31 -0.68	30.81 1.99 -2.23	35.56 2.42 0.00	33.77 2.40 -0.27	30.22 2.07 -2.57	28.44 2.02 -3.15	27.90 2.12 -2.95	27.83 1.92 -4.56	27.83 1.99 -3.95	27.84 1.97 -4.03	27.96 2.06 -3.22	28.45 2.16 -1.75	34.62 2.49 -0.54	41.63 3.02 -0.33	39.54 2.86 -1.32	30.01 2.12 -0.30	28.84 1.86 -3.39	27.41 1.67 -5.39	23.86 1.10 -9.01
KEDC_GLWD_GT5 24220	23.04 1.40 -2.52	21.08 1.17 -3.43	18.07 1.17 -0.70	17.12 1.13 -0.01	17.15 1.14 -0.01	19.62 1.31 -0.68	30.81 1.99 -2.23	35.56 2.42 0.00	33.77 2.40 -0.27	30.22 2.07 -2.57	28.44 2.02 -3.15	27.90 2.12 -2.95	27.83 1.92 -4.56	27.83 1.99 -3.95	27.84 1.97 -4.03	27.96 2.06 -3.22	28.45 2.16 -1.75	34.62 2.49 -0.54	41.63 3.02 -0.33	39.54 2.86 -1.32	30.01 2.12 -0.30	28.84 1.86 -3.39	27.41 1.67 -5.39	23.86 1.10 -9.01
KENSICO____ 23655	20.20 1.07 0.00	17.38 0.91 0.00	17.11 0.91 0.00	16.85 0.86 0.00	16.87 0.86 0.00	18.64 1.01 0.00	28.10 1.52 0.00	35.13 1.99 0.00	33.34 1.96 -0.27	27.48 1.61 -0.29	25.09 1.61 -0.22	24.76 1.71 -0.22	23.01 1.54 -0.12	23.57 1.58 -0.11	23.50 1.57 -0.08	24.45 1.66 -0.12	26.51 1.74 -0.22	34.15 2.02 -0.54	41.10 2.49 -0.33	38.27 2.37 -0.55	29.54 1.66 -0.29	25.13 1.44 -0.10	21.69 1.34 0.00	20.10 0.92 -5.42
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	20.33 1.21 0.00	17.48 1.00 0.00	17.18 0.97 0.00	16.93 0.94 0.00	16.91 0.91 0.00	18.68 1.04 0.00	28.13 1.54 0.00	35.20 2.05 0.00	33.13 1.90 -0.12	27.22 1.51 -0.13	24.81 1.44 -0.10	24.43 1.51 -0.10	22.77 1.37 -0.06	23.36 1.42 -0.05	23.33 1.44 -0.04	24.25 1.52 -0.06	26.27 1.62 -0.10	33.95 2.12 -0.25	41.03 2.60 -0.15	38.08 2.47 -0.25	29.41 1.68 -0.13	25.19 1.56 -0.05	21.71 1.36 0.00	19.70 0.96 -4.99
KIAC_JFK_GT1 23816	20.06 0.92 -0.01	17.28 0.79 -0.01	17.06 0.84 -0.01	16.80 0.82 0.00	16.82 0.82 0.00	18.62 0.97 -0.01	27.95 1.36 -0.01	35.30 2.15 0.00	33.49 2.12 -0.27	27.34 1.46 -0.30	24.98 1.49 -0.23	24.71 1.64 -0.24	22.97 1.47 -0.15	23.53 1.51 -0.13	23.46 1.51 -0.10	24.40 1.59 -0.14	26.45 1.67 -0.23	34.08 1.96 -0.54	41.06 2.45 -0.33	38.02 2.12 -0.55	29.40 1.52 -0.29	24.97 1.27 -0.11	21.57 1.20 -0.03	20.14 0.88 -5.50
KIAC_JFK_GT2 23817	20.06 0.92 -0.01	17.28 0.79 -0.01	17.06 0.84 -0.01	16.80 0.82 0.00	16.82 0.82 0.00	18.62 0.97 -0.01	27.95 1.36 -0.01	35.30 2.15 0.00	33.49 2.12 -0.27	27.34 1.46 -0.30	24.98 1.49 -0.23	24.71 1.64 -0.24	22.97 1.47 -0.15	23.53 1.51 -0.13	23.46 1.51 -0.10	24.40 1.59 -0.14	26.45 1.67 -0.23	34.08 1.96 -0.54	41.06 2.45 -0.33	38.02 2.12 -0.55	29.40 1.52 -0.29	24.97 1.27 -0.11	21.57 1.20 -0.03	20.14 0.88 -5.50
KIAC_JFK____ 323774	20.12 0.98 -0.01	17.30 0.81 -0.01	17.04 0.83 -0.01	16.80 0.81 0.00	16.82 0.82 0.00	18.62 0.97 -0.01	27.95 1.36 -0.01	35.30 2.15 0.00	33.49 2.12 -0.27	27.34 1.46 -0.30	24.98 1.49 -0.23	24.71 1.64 -0.24	22.96 1.47 -0.15	23.52 1.51 -0.13	23.45 1.51 -0.10	24.38 1.56 -0.14	26.40 1.62 -0.23	34.09 1.96 -0.54	41.06 2.45 -0.33	37.77 1.87 -0.55	29.40 1.52 -0.29	25.00 1.30 -0.11	21.55 1.18 -0.03	20.01 0.74 -5.51

KINTIGH____ 23543	19.30 0.17 0.00	16.59 0.12 0.00	16.11 -0.10 0.00	15.87 -0.11 0.00	15.99 -0.02 0.00	17.59 -0.05 0.00	26.42 -0.16 0.00	32.65 -0.50 0.00	30.89 -0.22 0.00	25.71 0.13 0.00	23.38 0.12 0.00	22.83 0.00 0.00	21.62 0.28 0.00	22.07 0.18 0.00	22.04 0.20 0.00	22.63 -0.05 0.00	24.42 -0.12 0.00	31.24 -0.35 0.00	37.13 -1.15 0.00	34.33 -1.03 0.00	27.59 0.00 0.00	23.66 0.07 0.00	20.37 0.02 0.00	15.25 0.03 -1.47
KNTFSRNC_46_KV_46KV_LOAD 80397	19.36 0.23 0.00	16.67 0.20 0.00	16.35 0.15 0.00	16.21 0.22 0.00	16.15 0.14 0.00	17.87 0.23 0.00	27.17 0.58 0.00	33.94 0.80 0.00	31.92 0.81 0.00	26.37 0.79 0.00	23.87 0.60 0.00	23.33 0.50 0.00	21.80 0.45 0.00	22.31 0.42 0.00	22.28 0.44 0.00	23.15 0.48 0.00	25.14 0.59 0.00	32.41 0.82 0.00	39.50 1.22 0.00	36.27 0.92 0.00	28.31 0.72 0.00	24.13 0.54 0.00	20.69 0.35 0.00	13.93 0.18 0.00
LACHUTE__HYDRO 323717	20.66 1.53 0.00	17.76 1.29 0.00	17.50 1.30 0.00	17.26 1.28 0.00	17.28 1.28 0.00	19.17 1.53 0.00	29.61 3.03 0.00	36.92 3.78 0.00	34.28 3.45 0.28	27.99 2.71 0.30	25.49 2.44 0.22	24.83 2.24 0.23	22.76 1.54 0.13	23.51 1.73 0.11	23.49 1.73 0.09	24.54 2.00 0.13	26.37 2.04 0.21	33.96 2.87 0.51	41.87 3.91 0.31	38.80 3.96 0.52	30.35 3.03 0.27	25.87 2.38 0.10	22.16 1.81 0.00	21.61 1.13 -6.73
LAWRNCV_115KV_TB1 80681	18.78 -0.34 0.00	16.18 -0.30 0.00	15.90 -0.31 0.00	15.73 -0.26 0.00	15.67 -0.34 0.00	17.30 -0.34 0.00	26.21 -0.37 0.00	32.71 -0.43 0.00	30.64 -0.47 0.00	25.07 -0.51 0.00	22.57 -0.70 0.00	22.10 -0.73 0.00	20.56 -0.79 0.00	21.06 -0.83 0.00	21.02 -0.83 0.00	21.83 -0.84 0.00	23.59 -0.96 0.00	30.45 -1.14 0.00	37.13 -1.15 0.00	34.22 -1.13 0.00	26.79 -0.80 0.00	23.19 -0.40 0.00	20.02 -0.33 0.00	13.67 -0.23 -0.15
LEDERLE____ 23769	20.24 1.11 0.00	17.41 0.94 0.00	17.09 0.89 0.00	16.83 0.85 0.00	16.85 0.85 0.00	18.61 0.97 0.00	28.07 1.49 0.00	35.17 2.02 0.00	33.22 1.90 -0.22	27.40 1.59 -0.23	24.98 1.54 -0.17	24.63 1.62 -0.18	22.92 1.47 -0.10	23.51 1.53 -0.09	23.44 1.53 -0.07	24.38 1.61 -0.10	26.39 1.67 -0.18	34.07 2.05 -0.43	41.11 2.56 -0.27	38.23 2.44 -0.44	29.51 1.68 -0.23	25.16 1.49 -0.08	21.69 1.34 0.00	19.65 0.92 -4.97
LIGHTHSE_115KV_TB6 355974	19.13 0.00 0.00	16.44 -0.03 0.00	16.15 -0.05 0.00	15.93 -0.05 0.00	15.97 -0.03 0.00	17.62 -0.02 0.00	26.69 0.11 0.00	33.28 0.13 0.00	31.05 -0.06 0.00	25.48 -0.10 0.00	23.13 -0.14 0.00	22.64 -0.18 0.00	21.20 -0.15 0.00	21.71 -0.18 0.00	21.67 -0.17 0.00	22.45 -0.23 0.00	24.35 -0.20 0.00	31.43 -0.16 0.00	38.12 -0.15 0.00	35.25 -0.11 0.00	27.56 -0.03 0.00	23.59 0.00 0.00	20.28 -0.06 0.00	14.59 -0.07 -0.90
LINDEN COGEN____ 23786	20.15 1.01 -0.01	17.34 0.86 -0.01	17.07 0.86 -0.01	16.81 0.83 0.00	16.87 0.86 0.00	18.64 0.99 -0.01	28.03 1.41 -0.04	35.03 1.89 0.00	33.28 1.90 -0.27	27.42 1.51 -0.33	25.10 1.56 -0.27	24.82 1.71 -0.28	23.09 1.54 -0.21	23.67 1.60 -0.18	23.58 1.57 -0.16	24.49 1.63 -0.18	26.49 1.69 -0.25	33.99 1.86 -0.54	40.94 2.34 -0.33	37.88 1.98 -0.55	29.45 1.57 -0.29	25.12 1.37 -0.17	21.71 1.26 -0.10	20.10 0.84 -5.51
LINDHRST_69_KV_BK1 356055	23.50 1.86 -2.52	21.47 1.57 -3.43	18.46 1.56 -0.70	17.50 1.52 0.00	17.52 1.52 0.00	20.05 1.73 -0.68	31.90 2.66 -2.66	37.31 2.92 -1.25	34.74 2.92 -0.71	31.33 2.71 -3.04	29.37 2.47 -3.64	28.75 2.58 -3.35	28.62 2.37 -4.91	28.69 2.45 -4.35	28.81 2.45 -4.52	28.94 2.56 -3.70	29.51 2.72 -2.23	37.45 3.10 -2.77	45.50 3.56 -3.66	44.09 3.61 -5.13	34.05 2.73 -3.73	30.38 2.29 -4.51	29.17 2.20 -6.62	25.37 1.47 -10.14
LIPA_MISC_IPP 23656	23.77 2.12 -2.52	21.70 1.80 -3.43	18.68 1.78 -0.70	17.71 1.73 0.00	17.75 1.74 0.00	20.31 1.99 -0.68	36.52 3.08 -6.86	50.71 3.28 -14.29	39.68 3.30 -5.28	36.58 3.09 -7.90	34.78 2.77 -8.74	33.16 2.90 -7.44	32.52 2.67 -8.51	33.15 2.76 -8.51	34.15 2.75 -9.55	34.18 2.86 -8.65	34.87 3.07 -7.25	60.80 3.47 -25.74	80.20 4.02 -37.91	83.70 4.03 -44.32	69.72 3.06 -39.07	42.19 2.57 -16.04	42.15 2.48 -19.32	37.60 1.68 -22.17
LISF__SOLAR 323691	23.80 2.16 -2.52	21.74 1.83 -3.43	18.72 1.81 -0.70	17.75 1.76 -0.01	17.79 1.78 -0.01	20.34 2.03 -0.68	36.61 3.11 -6.92	50.98 3.35 -14.49	39.81 3.36 -5.34	36.53 3.12 -7.84	34.73 2.79 -8.67	33.13 2.92 -7.38	32.49 2.69 -8.46	33.11 2.78 -8.44	34.10 2.77 -9.48	34.13 2.88 -8.58	34.80 3.07 -7.18	60.39 3.38 -25.42	79.80 4.10 -37.42	83.12 3.99 -43.77	69.20 3.03 -38.58	42.17 2.71 -15.87	41.99 2.50 -19.15	37.45 1.66 -22.03
LITTLE FALLS__HYD 24013	19.59 0.46 0.00	16.87 0.40 0.00	16.61 0.41 0.00	16.37 0.38 0.00	16.37 0.37 0.00	18.06 0.42 0.00	27.17 0.58 0.00	33.87 0.73 0.00	31.76 0.65 0.00	26.09 0.51 0.00	23.73 0.47 0.00	23.28 0.46 0.00	21.75 0.41 0.00	22.28 0.39 0.00	22.24 0.39 0.00	23.08 0.41 0.00	24.99 0.44 0.00	32.19 0.60 0.00	39.01 0.73 0.00	36.03 0.67 0.00	28.14 0.55 0.00	24.20 0.61 0.00	20.83 0.49 0.00	14.21 0.32 -0.13
LITTLRIV_115KV_TB1 356100	18.90 -0.23 0.00	16.28 -0.20 0.00	16.01 -0.19 0.00	15.82 -0.16 0.00	15.75 -0.26 0.00	17.41 -0.23 0.00	26.42 -0.16 0.00	33.01 -0.13 0.00	30.89 -0.22 0.00	25.22 -0.36 0.00	22.71 -0.56 0.00	22.21 -0.62 0.00	20.69 -0.66 0.00	21.17 -0.72 0.00	21.13 -0.72 0.00	21.95 -0.73 0.00	23.74 -0.81 0.00	30.70 -0.88 0.00	37.47 -0.80 0.00	34.58 -0.78 0.00	27.04 -0.55 0.00	23.40 -0.19 0.00	20.16 -0.18 0.00	13.77 -0.15 -0.16
LI_NEWBRDGE__DRP 323616	23.12 1.47 -2.52	21.14 1.24 -3.43	18.13 1.23 -0.70	17.20 1.21 0.00	17.22 1.22 0.00	19.69 1.38 -0.68	30.87 2.10 -2.19	35.43 2.29 0.00	33.71 2.33 -0.27	30.30 2.15 -2.57	28.39 1.98 -3.15	27.90 2.12 -2.95	27.82 1.92 -4.56	27.81 1.97 -3.95	27.84 1.97 -4.03	27.96 2.06 -3.22	28.48 2.18 -1.75	34.56 2.43 -0.54	41.44 2.83 -0.33	39.65 2.97 -1.32	29.98 2.10 -0.29	28.77 1.79 -3.39	27.51 1.77 -5.39	23.95 1.22 -8.97
LOCKPORT_115KV_TB60_63_64 80432	19.53 0.40 0.00	16.80 0.33 0.00	16.19 -0.02 0.00	16.03 0.05 0.00	16.16 0.16 0.00	17.78 0.14 0.00	26.61 0.03 0.00	32.85 -0.30 0.00	31.08 -0.03 0.00	25.89 0.31 0.00	23.52 0.26 0.00	22.94 0.11 0.00	21.82 0.47 0.00	22.22 0.33 0.00	22.20 0.35 0.00	22.74 0.07 0.00	24.55 0.00 0.00	31.43 -0.16 0.00	37.28 -1.00 0.00	34.51 -0.85 0.00	27.78 0.19 0.00	23.85 0.26 0.00	20.51 0.16 0.00	15.26 0.00 -1.51
LOCKPORT__CC1 323769	19.55 0.42 0.00	16.87 0.39 0.00	16.32 0.11 0.00	16.01 0.03 0.00	16.16 0.16 0.00	17.76 0.12 0.00	26.64 0.05 0.00	32.85 -0.30 0.00	31.11 0.00 0.00	25.91 0.33 0.00	23.55 0.28 0.00	22.96 0.14 0.00	21.82 0.47 0.00	22.24 0.35 0.00	22.22 0.37 0.00	22.76 0.09 0.00	24.70 0.15 0.00	31.49 -0.09 0.00	37.28 -1.00 0.00	35.39 0.04 0.00	27.78 0.19 0.00	23.80 0.21 0.00	20.51 0.16 0.00	15.16 -0.11 -1.51

LOCKPORT___CC2 323770	19.55 0.42 0.00	16.87 0.39 0.00	16.32 0.11 0.00	16.01 0.03 0.00	16.16 0.16 0.00	17.76 0.12 0.00	26.64 0.05 0.00	32.85 -0.30 0.00	31.11 0.00 0.00	25.91 0.33 0.00	23.55 0.28 0.00	22.96 0.14 0.00	21.82 0.47 0.00	22.24 0.35 0.00	22.22 0.37 0.00	22.76 0.09 0.00	24.70 0.15 0.00	31.49 -0.09 0.00	37.28 -1.00 0.00	35.39 0.04 0.00	27.78 0.19 0.00	23.80 0.21 0.00	20.51 0.16 0.00	15.16 -0.11 -1.51
LOCKPORT___CC3 323771	19.55 0.42 0.00	16.87 0.39 0.00	16.32 0.11 0.00	16.01 0.03 0.00	16.16 0.16 0.00	17.76 0.12 0.00	26.64 0.05 0.00	32.85 -0.30 0.00	31.11 0.00 0.00	25.91 0.33 0.00	23.55 0.28 0.00	22.96 0.14 0.00	21.82 0.47 0.00	22.24 0.35 0.00	22.22 0.37 0.00	22.76 0.09 0.00	24.70 0.15 0.00	31.49 -0.09 0.00	37.28 -1.00 0.00	35.39 0.04 0.00	27.78 0.19 0.00	23.80 0.21 0.00	20.51 0.16 0.00	15.16 -0.11 -1.51
LONG_LAKE_PHOENIX 24014	19.09 -0.04 0.00	16.43 -0.05 0.00	16.14 -0.06 0.00	15.90 -0.08 0.00	15.97 -0.03 0.00	17.60 -0.04 0.00	26.42 -0.16 0.00	32.95 -0.20 0.00	30.86 -0.25 0.00	25.42 -0.15 0.00	23.10 -0.16 0.00	22.62 -0.21 0.00	21.20 -0.15 0.00	21.74 -0.15 0.00	21.69 -0.15 0.00	22.47 -0.20 0.00	24.35 -0.20 0.00	31.37 -0.22 0.00	37.93 -0.34 0.00	35.04 -0.32 0.00	27.42 -0.17 0.00	23.47 -0.12 0.00	20.20 -0.14 0.00	14.67 -0.10 -1.01
LOVETT___3 23632	20.14 1.01 0.00	17.33 0.86 0.00	17.03 0.83 0.00	16.77 0.78 0.00	16.79 0.78 0.00	18.54 0.90 0.00	27.94 1.36 0.00	35.00 1.86 0.00	33.07 1.74 -0.22	27.29 1.48 -0.23	24.88 1.44 -0.17	24.54 1.53 -0.18	22.83 1.39 -0.10	23.40 1.42 -0.09	23.33 1.42 -0.07	24.27 1.50 -0.10	26.27 1.55 -0.18	33.92 1.90 -0.43	40.88 2.33 -0.27	38.02 2.23 -0.44	29.37 1.55 -0.23	25.02 1.34 -0.08	21.59 1.24 0.00	19.59 0.85 -4.98
LOVETT___4 23642	20.14 1.01 0.00	17.33 0.86 0.00	17.03 0.83 0.00	16.77 0.78 0.00	16.79 0.78 0.00	18.54 0.90 0.00	27.94 1.36 0.00	35.00 1.86 0.00	33.07 1.74 -0.22	27.29 1.48 -0.23	24.88 1.44 -0.17	24.54 1.53 -0.18	22.83 1.39 -0.10	23.40 1.42 -0.09	23.33 1.42 -0.07	24.27 1.50 -0.10	26.27 1.55 -0.18	33.92 1.90 -0.43	40.88 2.33 -0.27	38.02 2.23 -0.44	29.37 1.55 -0.23	25.02 1.34 -0.08	21.59 1.24 0.00	19.59 0.85 -4.98
LOVETT___5 23593	20.14 1.01 0.00	17.33 0.86 0.00	17.03 0.83 0.00	16.77 0.78 0.00	16.79 0.78 0.00	18.54 0.90 0.00	27.94 1.36 0.00	35.00 1.86 0.00	33.07 1.74 -0.22	27.29 1.48 -0.23	24.88 1.44 -0.17	24.54 1.53 -0.18	22.83 1.39 -0.10	23.40 1.42 -0.09	23.33 1.42 -0.07	24.27 1.50 -0.10	26.27 1.55 -0.18	33.92 1.90 -0.43	40.88 2.33 -0.27	38.02 2.23 -0.44	29.37 1.55 -0.23	25.02 1.34 -0.08	21.59 1.24 0.00	19.59 0.85 -4.98
LOWER RAQUET___HYD 24057	18.76 -0.36 0.00	16.16 -0.31 0.00	15.88 -0.32 0.00	15.71 -0.27 0.00	15.65 -0.35 0.00	17.29 -0.35 0.00	26.21 -0.37 0.00	32.71 -0.43 0.00	30.64 -0.47 0.00	25.02 -0.56 0.00	22.50 -0.77 0.00	22.00 -0.82 0.00	20.47 -0.88 0.00	20.97 -0.92 0.00	20.91 -0.94 0.00	21.74 -0.93 0.00	23.47 -1.08 0.00	30.32 -1.26 0.00	37.02 -1.26 0.00	34.08 -1.27 0.00	26.71 -0.88 0.00	23.12 -0.47 0.00	20.00 -0.35 0.00	13.67 -0.26 -0.17
LOWER___HUDSON 24059	19.78 0.65 0.00	17.05 0.58 0.00	16.82 0.62 0.00	16.60 0.62 0.00	16.63 0.62 0.00	18.35 0.71 0.00	27.70 1.12 0.00	34.54 1.39 0.00	32.05 1.28 0.34	26.19 0.97 0.36	23.90 0.91 0.27	23.46 0.91 0.28	21.98 0.79 0.16	22.61 0.85 0.13	22.62 0.87 0.10	23.47 0.95 0.16	25.28 1.01 0.27	32.26 1.33 0.66	39.56 1.68 0.41	36.17 1.48 0.67	28.36 1.13 0.36	24.38 0.92 0.13	21.16 0.81 0.00	20.93 0.52 -6.66
LOWVILLE_115KV_TB2 356335	19.26 0.13 0.00	16.56 0.08 0.00	16.30 0.10 0.00	16.08 0.10 0.00	16.05 0.05 0.00	17.75 0.11 0.00	27.06 0.48 0.00	33.84 0.70 0.00	31.48 0.37 0.00	25.68 0.10 0.00	23.24 -0.02 0.00	22.76 -0.07 0.00	21.24 -0.11 0.00	21.76 -0.13 0.00	21.71 -0.13 0.00	22.58 -0.09 0.00	24.55 0.00 0.00	31.81 0.22 0.00	38.74 0.46 0.00	35.81 0.46 0.00	27.95 0.36 0.00	23.96 0.38 0.00	20.53 0.18 0.00	14.23 0.07 -0.41
LUTHERFT_115KV_GLOB_FND_222 355753	19.99 0.86 0.00	17.22 0.74 0.00	16.98 0.78 0.00	16.75 0.77 0.00	16.75 0.75 0.00	18.50 0.86 0.00	28.23 1.65 0.00	35.20 2.05 0.00	32.73 1.90 0.27	26.74 1.46 0.29	24.40 1.35 0.22	23.88 1.28 0.23	22.31 1.09 0.13	22.99 1.20 0.11	22.96 1.20 0.08	23.88 1.34 0.13	25.66 1.33 0.21	32.85 1.77 0.51	40.26 2.30 0.32	36.95 2.12 0.52	28.88 1.57 0.28	24.69 1.20 0.10	21.40 1.06 0.00	21.10 0.62 -6.73
LUTHERNY_35_KV_BK2 355980	19.99 0.86 0.00	17.23 0.76 0.00	16.98 0.78 0.00	16.75 0.77 0.00	16.77 0.77 0.00	18.52 0.88 0.00	28.26 1.67 0.00	35.23 2.09 0.00	32.73 1.90 0.27	26.77 1.48 0.29	24.40 1.35 0.22	23.90 1.30 0.23	22.33 1.11 0.13	22.99 1.20 0.11	22.99 1.22 0.08	23.91 1.36 0.13	25.68 1.35 0.21	32.88 1.80 0.51	40.30 2.33 0.32	36.99 2.16 0.52	28.91 1.60 0.28	24.71 1.23 0.10	21.40 1.06 0.00	21.12 0.63 -6.73
LWR___OSWEGATCHIE_HYD 23850	18.88 -0.25 0.00	16.24 -0.23 0.00	15.98 -0.23 0.00	15.77 -0.21 0.00	15.75 -0.26 0.00	17.39 -0.25 0.00	26.50 -0.08 0.00	33.11 -0.03 0.00	30.92 -0.19 0.00	25.22 -0.36 0.00	22.73 -0.54 0.00	22.26 -0.57 0.00	20.73 -0.62 0.00	21.23 -0.66 0.00	21.19 -0.66 0.00	22.02 -0.66 0.00	23.86 -0.69 0.00	30.89 -0.69 0.00	37.67 -0.61 0.00	34.75 -0.60 0.00	27.18 -0.41 0.00	23.40 -0.19 0.00	20.12 -0.22 0.00	13.89 -0.18 -0.31
LYONS_FALL_HYD 23570	19.38 0.25 0.00	16.66 0.18 0.00	16.40 0.20 0.00	16.17 0.19 0.00	16.16 0.16 0.00	17.85 0.21 0.00	27.14 0.56 0.00	33.94 0.79 0.00	31.64 0.53 0.00	25.83 0.26 0.00	23.43 0.16 0.00	22.94 0.11 0.00	21.43 0.09 0.00	21.96 0.07 0.00	21.91 0.07 0.00	22.79 0.11 0.00	24.74 0.20 0.00	32.03 0.44 0.00	38.97 0.69 0.00	36.02 0.67 0.00	28.11 0.52 0.00	24.01 0.43 0.00	20.65 0.31 0.00	14.28 0.15 -0.37
MADISON___COUNTY_LFGE 323628	19.70 0.57 0.00	16.94 0.46 0.00	16.66 0.45 0.00	16.43 0.45 0.00	16.43 0.43 0.00	18.15 0.51 0.00	27.51 0.93 0.00	34.40 1.26 0.00	32.10 1.00 0.00	26.24 0.67 0.00	23.85 0.58 0.00	23.35 0.52 0.00	21.84 0.49 0.00	22.37 0.48 0.00	22.33 0.48 0.00	23.22 0.54 0.00	25.21 0.66 0.00	32.66 1.07 0.00	39.69 1.42 0.00	36.66 1.31 0.00	28.64 1.05 0.00	24.53 0.94 0.00	21.02 0.67 0.00	14.71 0.39 -0.57
MALONE___115KV_TB1 356076	19.17 0.04 0.00	16.51 0.03 0.00	16.20 0.00 0.00	16.05 0.06 0.00	15.99 -0.02 0.00	17.67 0.04 0.00	26.85 0.27 0.00	33.58 0.43 0.00	31.54 0.44 0.00	25.99 0.41 0.00	23.48 0.21 0.00	22.94 0.11 0.00	21.41 0.06 0.00	21.91 0.02 0.00	21.89 0.04 0.00	22.74 0.07 0.00	24.65 0.10 0.00	31.81 0.22 0.00	38.78 0.50 0.00	35.64 0.28 0.00	27.84 0.25 0.00	23.82 0.24 0.00	20.47 0.12 0.00	13.80 0.04 0.00

MAPLEWOD_115KV_TB3 80458	19.66 0.54 0.00	17.00 0.53 0.00	16.77 0.57 0.00	16.57 0.59 0.00	16.58 0.58 0.00	18.27 0.64 0.00	27.57 0.98 0.00	34.31 1.16 0.00	31.89 1.09 0.31	26.06 0.82 0.33	23.81 0.79 0.25	23.34 0.78 0.26	21.87 0.66 0.14	22.51 0.74 0.12	22.51 0.76 0.10	23.37 0.84 0.14	25.18 0.88 0.25	32.16 1.17 0.60	39.40 1.49 0.37	36.12 1.38 0.61	28.26 0.99 0.32	24.23 0.75 0.12	21.10 0.75 0.00	20.80 0.44 -6.61
MAPLE_RIDGE_WT_1 323574	19.01 -0.11 0.00	16.36 -0.11 0.00	16.09 -0.11 0.00	15.85 -0.13 0.00	15.87 -0.13 0.00	17.48 -0.16 0.00	26.34 -0.24 0.00	32.88 -0.27 0.00	30.86 -0.25 0.00	25.45 -0.13 0.00	23.20 -0.07 0.00	22.73 -0.09 0.00	21.26 -0.09 0.00	21.80 -0.09 0.00	21.76 -0.09 0.00	22.63 -0.05 0.00	24.52 -0.02 0.00	31.59 0.00 0.00	38.28 0.00 0.00	35.28 -0.07 0.00	27.45 -0.14 0.00	23.35 -0.24 0.00	20.02 -0.33 0.00	13.47 -0.29 0.00
MAPLE_RIDGE_WT_2 323611	19.01 -0.11 0.00	16.36 -0.11 0.00	16.09 -0.11 0.00	15.85 -0.13 0.00	15.87 -0.13 0.00	17.48 -0.16 0.00	26.34 -0.24 0.00	32.88 -0.27 0.00	30.86 -0.25 0.00	25.45 -0.13 0.00	23.20 -0.07 0.00	22.73 -0.09 0.00	21.26 -0.09 0.00	21.80 -0.09 0.00	21.76 -0.09 0.00	22.63 -0.05 0.00	24.52 -0.02 0.00	31.59 0.00 0.00	38.28 0.00 0.00	35.28 -0.07 0.00	27.45 -0.14 0.00	23.35 -0.24 0.00	20.02 -0.33 0.00	13.47 -0.29 0.00
MARBLE_RIVER_WT_PWR 323696	19.17 0.04 0.00	16.51 0.03 0.00	16.20 0.00 0.00	16.05 0.06 0.00	16.00 0.00 0.00	17.69 0.05 0.00	26.85 0.27 0.00	33.54 0.40 0.00	31.54 0.44 0.00	26.04 0.46 0.00	23.62 0.35 0.00	23.08 0.25 0.00	21.56 0.21 0.00	22.09 0.20 0.00	22.04 0.20 0.00	22.90 0.23 0.00	24.82 0.27 0.00	32.03 0.44 0.00	38.97 0.69 0.00	35.81 0.46 0.00	27.92 0.33 0.00	23.89 0.31 0.00	20.45 0.10 0.00	13.77 0.01 0.00
MARSHVLE_115KV_TB1 80742	20.10 0.98 0.00	17.32 0.84 0.00	17.06 0.86 0.00	16.83 0.85 0.00	16.87 0.86 0.00	18.70 1.06 0.00	28.63 2.05 0.00	35.66 2.52 0.00	33.01 2.12 0.21	26.86 1.51 0.23	24.40 1.30 0.17	23.83 1.19 0.18	22.21 0.96 0.10	22.94 1.14 0.08	23.00 1.22 0.07	24.05 1.47 0.10	25.87 1.50 0.17	33.32 2.15 0.42	41.01 2.99 0.26	37.62 2.69 0.42	29.35 1.99 0.23	25.13 1.63 0.08	21.61 1.26 0.00	21.19 0.66 -6.77
MARSH_HILL_WT_PWR 323713	20.33 1.21 0.00	17.50 1.02 0.00	16.98 0.78 0.00	16.68 0.70 0.00	16.85 0.85 0.00	18.56 0.92 0.00	28.15 1.57 0.00	34.97 1.82 0.00	32.82 1.71 0.00	27.19 1.61 0.00	24.66 1.40 0.00	24.03 1.21 0.00	22.69 1.35 0.00	23.20 1.31 0.00	23.18 1.33 0.00	23.87 1.20 0.00	25.87 1.32 0.00	33.26 1.67 0.00	39.85 1.57 0.00	37.26 1.91 0.00	29.25 1.66 0.00	24.93 1.34 0.00	21.38 1.04 0.00	16.06 0.49 -1.81
MCINTYRE_115KV_TB2 80467	18.96 -0.17 0.00	16.33 -0.15 0.00	16.06 -0.15 0.00	15.89 -0.10 0.00	15.79 -0.21 0.00	17.46 -0.18 0.00	26.53 -0.05 0.00	33.11 -0.03 0.00	30.95 -0.16 0.00	25.35 -0.23 0.00	22.85 -0.42 0.00	22.35 -0.48 0.00	20.81 -0.53 0.00	21.32 -0.57 0.00	21.28 -0.57 0.00	22.11 -0.57 0.00	23.93 -0.61 0.00	30.96 -0.63 0.00	37.86 -0.42 0.00	34.89 -0.46 0.00	27.29 -0.30 0.00	23.52 -0.07 0.00	20.24 -0.10 0.00	13.81 -0.10 -0.15
MECO____69_KV_BK1 80468	20.52 1.40 0.00	17.66 1.19 0.00	17.40 1.20 0.00	17.16 1.18 0.00	17.20 1.20 0.00	19.09 1.45 0.00	29.03 2.45 0.00	36.13 2.98 0.00	33.41 2.52 0.21	27.11 1.76 0.23	24.58 1.49 0.17	24.04 1.39 0.18	22.42 1.17 0.10	23.18 1.38 0.08	23.29 1.51 0.07	24.37 1.79 0.10	26.31 1.94 0.17	33.86 2.69 0.42	41.66 3.64 0.26	38.18 3.25 0.42	29.82 2.46 0.23	25.72 2.22 0.08	22.07 1.73 0.00	21.43 0.91 -6.77
MENANDS_115KV_TB5 355628	19.57 0.44 0.00	16.94 0.46 0.00	16.71 0.50 0.00	16.51 0.53 0.00	16.51 0.51 0.00	18.19 0.55 0.00	27.41 0.82 0.00	34.07 0.93 0.00	31.70 0.90 0.31	25.91 0.67 0.34	23.67 0.65 0.25	23.23 0.66 0.26	21.76 0.56 0.14	22.40 0.63 0.12	22.38 0.63 0.10	23.23 0.70 0.14	25.04 0.74 0.25	31.97 0.98 0.60	39.17 1.26 0.37	35.91 1.17 0.61	28.07 0.80 0.32	24.09 0.61 0.12	20.98 0.63 0.00	20.72 0.37 -6.60
MG INDUSTRY__DRP 24185	19.70 0.57 0.00	17.02 0.54 0.00	16.80 0.60 0.00	16.57 0.59 0.00	16.59 0.59 0.00	18.26 0.62 0.00	27.51 0.93 0.00	34.21 1.06 0.00	31.96 1.03 0.17	26.18 0.79 0.19	23.87 0.74 0.14	23.43 0.75 0.15	21.93 0.66 0.08	22.54 0.72 0.07	22.53 0.74 0.05	23.39 0.79 0.08	25.27 0.86 0.14	32.39 1.14 0.34	39.49 1.42 0.21	36.32 1.31 0.35	28.37 0.97 0.18	24.30 0.78 0.07	21.10 0.75 0.00	20.69 0.45 -6.48
MID__OSWEGATCHIE_HYD 23849	18.88 -0.25 0.00	16.24 -0.23 0.00	15.98 -0.23 0.00	15.77 -0.21 0.00	15.75 -0.26 0.00	17.39 -0.25 0.00	26.50 -0.08 0.00	33.11 -0.03 0.00	30.92 -0.19 0.00	25.22 -0.36 0.00	22.73 -0.54 0.00	22.26 -0.57 0.00	20.73 -0.62 0.00	21.23 -0.66 0.00	21.19 -0.66 0.00	22.02 -0.66 0.00	23.86 -0.69 0.00	30.89 -0.69 0.00	37.67 -0.61 0.00	34.75 -0.60 0.00	27.18 -0.41 0.00	23.40 -0.19 0.00	20.12 -0.22 0.00	13.89 -0.18 -0.31
MID__RAQUETTE_HYD 23851	18.76 -0.36 0.00	16.16 -0.31 0.00	15.88 -0.32 0.00	15.71 -0.27 0.00	15.65 -0.35 0.00	17.29 -0.35 0.00	26.21 -0.37 0.00	32.71 -0.43 0.00	30.64 -0.47 0.00	25.02 -0.56 0.00	22.50 -0.77 0.00	22.00 -0.82 0.00	20.47 -0.88 0.00	20.97 -0.92 0.00	20.91 -0.94 0.00	21.74 -0.93 0.00	23.49 -1.06 0.00	30.33 -1.26 0.00	37.01 -1.26 0.00	34.12 -1.24 0.00	26.71 -0.88 0.00	23.16 -0.42 0.00	20.00 -0.35 0.00	13.68 -0.25 -0.17
MILLIKEN__1 23584	19.93 0.80 0.00	17.15 0.68 0.00	16.82 0.62 0.00	16.57 0.59 0.00	16.66 0.66 0.00	18.36 0.72 0.00	27.81 1.22 0.00	34.70 1.56 0.00	32.42 1.31 0.00	26.68 1.10 0.00	24.17 0.91 0.00	23.62 0.80 0.00	22.16 0.81 0.00	22.72 0.83 0.00	22.70 0.85 0.00	23.53 0.86 0.00	25.53 0.98 0.00	32.92 1.33 0.00	39.81 1.53 0.00	36.77 1.41 0.00	28.83 1.24 0.00	24.65 1.06 0.00	21.14 0.79 0.00	16.01 0.47 -1.79
MILLIKEN__2 23585	19.93 0.80 0.00	17.15 0.68 0.00	16.82 0.62 0.00	16.57 0.59 0.00	16.66 0.66 0.00	18.36 0.72 0.00	27.81 1.22 0.00	34.70 1.56 0.00	32.42 1.31 0.00	26.68 1.10 0.00	24.17 0.91 0.00	23.62 0.80 0.00	22.16 0.81 0.00	22.72 0.83 0.00	22.70 0.85 0.00	23.53 0.86 0.00	25.53 0.98 0.00	32.92 1.33 0.00	39.81 1.53 0.00	36.77 1.41 0.00	28.83 1.24 0.00	24.65 1.06 0.00	21.14 0.79 0.00	16.01 0.47 -1.79
MILLIKEN__DIESEL 23629	19.93 0.80 0.00	17.15 0.68 0.00	16.82 0.62 0.00	16.57 0.59 0.00	16.66 0.66 0.00	18.36 0.72 0.00	27.81 1.22 0.00	34.70 1.56 0.00	32.42 1.31 0.00	26.68 1.10 0.00	24.17 0.91 0.00	23.62 0.80 0.00	22.16 0.81 0.00	22.72 0.83 0.00	22.70 0.85 0.00	23.53 0.86 0.00	25.53 0.98 0.00	32.92 1.33 0.00	39.81 1.53 0.00	36.77 1.41 0.00	28.83 1.24 0.00	24.65 1.06 0.00	21.14 0.79 0.00	16.01 0.47 -1.79

MILLSEAT___LFGE 323607	19.78 0.65 0.00	17.05 0.58 0.00	16.51 0.31 0.00	16.22 0.24 0.00	16.34 0.34 0.00	17.99 0.35 0.00	27.06 0.48 0.00	33.48 0.33 0.00	31.61 0.50 0.00	26.29 0.72 0.00	23.82 0.56 0.00	23.24 0.41 0.00	22.05 0.70 0.00	22.50 0.61 0.00	22.46 0.61 0.00	23.03 0.36 0.00	25.04 0.49 0.00	32.00 0.41 0.00	38.09 -0.19 0.00	36.06 0.71 0.00	28.22 0.64 0.00	24.18 0.59 0.00	20.77 0.43 0.00	15.30 0.07 -1.48
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	20.18 1.05 0.00	17.36 0.89 0.00	17.09 0.89 0.00	16.83 0.85 0.00	16.85 0.85 0.00	18.61 0.97 0.00	28.07 1.49 0.00	35.10 1.96 0.00	33.27 1.90 -0.27	27.42 1.56 -0.29	25.02 1.54 -0.21	24.69 1.64 -0.22	22.96 1.49 -0.12	23.53 1.53 -0.11	23.46 1.53 -0.08	24.41 1.61 -0.12	26.46 1.69 -0.22	34.08 1.96 -0.53	41.02 2.41 -0.33	38.23 2.33 -0.54	29.51 1.63 -0.29	25.11 1.42 -0.10	21.67 1.32 0.00	20.06 0.91 -5.40
MILLWOOD_13_KV_LOAD 356217	20.22 1.09 0.00	17.40 0.92 0.00	17.13 0.92 0.00	16.88 0.89 0.00	16.88 0.88 0.00	18.64 1.01 0.00	28.13 1.54 0.00	35.20 2.05 0.00	33.37 1.99 -0.27	27.50 1.64 -0.29	25.09 1.61 -0.21	24.76 1.71 -0.22	23.03 1.56 -0.12	23.59 1.60 -0.11	23.52 1.59 -0.08	24.47 1.68 -0.12	26.53 1.77 -0.22	34.21 2.08 -0.53	41.17 2.56 -0.33	38.37 2.47 -0.54	29.59 1.71 -0.29	25.18 1.49 -0.10	21.71 1.36 0.00	20.09 0.94 -5.40
MODEL_CITY_ENERGY 24167	19.38 0.25 0.00	16.72 0.25 0.00	16.17 -0.03 0.00	15.89 -0.10 0.00	16.02 0.02 0.00	17.60 -0.04 0.00	26.29 -0.29 0.00	32.42 -0.73 0.00	30.70 -0.41 0.00	25.58 0.00 0.00	23.27 0.00 0.00	22.69 -0.14 0.00	21.56 0.21 0.00	21.98 0.09 0.00	21.96 0.11 0.00	22.49 -0.18 0.00	24.40 -0.15 0.00	31.08 -0.51 0.00	36.78 -1.49 0.00	34.97 -0.39 0.00	27.43 -0.16 0.00	23.52 -0.07 0.00	20.28 -0.06 0.00	15.03 -0.25 -1.52
MODERN_LFGE___ 323580	19.38 0.25 0.00	16.72 0.25 0.00	16.17 -0.03 0.00	15.89 -0.10 0.00	16.02 0.02 0.00	17.60 -0.04 0.00	26.29 -0.29 0.00	32.42 -0.73 0.00	30.70 -0.41 0.00	25.58 0.00 0.00	23.27 0.00 0.00	22.69 -0.14 0.00	21.56 0.21 0.00	21.98 0.09 0.00	21.96 0.11 0.00	22.49 -0.18 0.00	24.40 -0.15 0.00	31.08 -0.51 0.00	36.78 -1.49 0.00	34.97 -0.39 0.00	27.43 -0.16 0.00	23.52 -0.07 0.00	20.28 -0.06 0.00	15.03 -0.25 -1.52
MOHAWK_PAPER___DRP 24187	19.66 0.54 0.00	17.00 0.53 0.00	16.77 0.57 0.00	16.57 0.59 0.00	16.58 0.58 0.00	18.27 0.64 0.00	27.57 0.98 0.00	34.31 1.16 0.00	31.89 1.09 0.31	26.06 0.82 0.33	23.81 0.79 0.25	23.34 0.78 0.26	21.87 0.66 0.14	22.51 0.74 0.12	22.51 0.76 0.10	23.37 0.84 0.14	25.18 0.88 0.25	32.16 1.17 0.60	39.40 1.49 0.37	36.12 1.38 0.61	28.26 0.99 0.32	24.23 0.75 0.12	21.10 0.75 0.00	20.80 0.44 -6.61
MOHICAN___35_KV_115KV_LD 80490	19.99 0.86 0.00	17.22 0.74 0.00	16.97 0.76 0.00	16.73 0.75 0.00	16.75 0.75 0.00	18.54 0.90 0.00	28.50 1.91 0.00	35.53 2.39 0.00	32.97 2.15 0.28	26.94 1.66 0.30	24.53 1.49 0.23	23.98 1.39 0.23	22.33 1.11 0.13	23.03 1.25 0.11	23.00 1.25 0.09	23.97 1.43 0.13	25.73 1.40 0.21	33.04 1.96 0.51	40.60 2.64 0.32	37.27 2.44 0.52	29.13 1.82 0.28	24.81 1.32 0.10	21.44 1.10 0.00	21.10 0.62 -6.73
MONGAUP___HYD 23641	20.16 1.03 0.00	17.35 0.87 0.00	17.05 0.84 0.00	16.80 0.81 0.00	16.80 0.80 0.00	18.54 0.90 0.00	27.99 1.41 0.00	35.03 1.89 0.00	32.98 1.68 -0.20	27.14 1.35 -0.21	24.70 1.28 -0.16	24.31 1.32 -0.16	22.63 1.19 -0.09	23.24 1.27 -0.08	23.17 1.27 -0.06	24.10 1.34 -0.09	26.16 1.45 -0.16	33.91 1.93 -0.39	40.82 2.30 -0.24	37.80 2.05 -0.40	29.37 1.57 -0.21	25.01 1.34 -0.08	21.53 1.18 0.00	19.27 0.76 -4.76
MONTAUK___DIESEL 23721	24.51 2.87 -2.52	22.35 2.44 -3.43	19.32 2.41 -0.70	18.32 2.33 0.00	18.34 2.34 0.00	20.96 2.65 -0.68	37.75 4.28 -6.89	52.43 4.91 -14.38	41.24 4.82 -5.31	37.76 4.30 -7.88	35.92 3.93 -8.72	34.22 3.97 -7.42	33.49 3.65 -8.49	34.12 3.74 -8.48	35.11 3.74 -9.52	35.20 3.90 -8.62	36.02 4.25 -7.23	62.34 5.12 -25.63	81.96 5.93 -37.74	85.32 5.83 -44.13	70.93 4.44 -38.90	43.25 3.68 -15.98	42.93 3.32 -19.26	38.05 2.19 -22.11
MOONROAD_115KV_HARTFLD_TB1-2 355988	20.39 1.26 0.00	17.46 0.99 0.00	16.85 0.65 0.00	16.57 0.59 0.00	16.75 0.75 0.00	18.42 0.78 0.00	27.91 1.33 0.00	34.70 1.56 0.00	32.73 1.62 0.00	27.24 1.66 0.00	24.78 1.51 0.00	24.20 1.37 0.00	22.97 1.62 0.00	23.40 1.51 0.00	23.38 1.53 0.00	23.92 1.25 0.00	25.82 1.28 0.00	33.26 1.67 0.00	39.69 1.42 0.00	36.66 1.31 0.00	29.16 1.57 0.00	24.84 1.25 0.00	21.22 0.87 0.00	15.58 0.18 -1.65
MORTIMER_115KV_TB3 55949	19.49 0.36 0.00	16.77 0.30 0.00	16.33 0.13 0.00	16.11 0.13 0.00	16.18 0.18 0.00	17.85 0.21 0.00	27.01 0.43 0.00	33.54 0.40 0.00	31.58 0.47 0.00	26.17 0.59 0.00	23.71 0.44 0.00	23.17 0.34 0.00	21.86 0.51 0.00	22.35 0.46 0.00	22.28 0.44 0.00	22.99 0.32 0.00	24.89 0.34 0.00	31.97 0.38 0.00	38.39 0.11 0.00	35.46 0.11 0.00	28.09 0.50 0.00	24.01 0.42 0.00	20.61 0.26 0.00	15.26 0.17 -1.34
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	20.21 1.07 -0.01	17.41 0.92 -0.01	17.16 0.94 -0.01	16.89 0.91 0.00	16.91 0.91 0.00	18.69 1.04 -0.01	28.17 1.54 -0.04	35.23 2.09 0.00	33.43 2.05 -0.27	27.55 1.64 -0.33	25.19 1.65 -0.27	24.91 1.80 -0.28	23.16 1.60 -0.21	23.74 1.66 -0.18	23.67 1.66 -0.16	24.60 1.75 -0.19	26.62 1.82 -0.25	34.21 2.08 -0.54	41.17 2.56 -0.33	38.30 2.40 -0.55	29.59 1.71 -0.29	25.24 1.49 -0.17	21.82 1.36 -0.11	20.22 0.96 -5.50
MUNSVILLE_WIND_PWR 323609	20.98 1.85 0.00	18.01 1.53 0.00	17.66 1.46 0.00	17.39 1.41 0.00	17.41 1.41 0.00	19.24 1.60 0.00	29.61 3.03 0.00	37.19 4.04 0.00	34.44 3.33 0.00	28.03 2.46 0.00	25.36 2.09 0.00	24.72 1.89 0.00	23.18 1.84 0.00	23.69 1.80 0.00	23.64 1.79 0.00	24.60 1.93 0.00	26.83 2.28 0.00	34.84 3.25 0.00	42.33 4.06 0.00	39.24 3.89 0.00	30.62 3.03 0.00	25.97 2.38 0.00	22.18 1.83 0.00	17.30 1.10 -2.45
N SALMON___HYD 24042	19.17 0.04 0.00	16.51 0.03 0.00	16.20 0.00 0.00	16.05 0.06 0.00	15.99 -0.02 0.00	17.67 0.04 0.00	26.85 0.27 0.00	33.57 0.43 0.00	31.54 0.44 0.00	25.99 0.41 0.00	23.48 0.21 0.00	22.94 0.11 0.00	21.41 0.06 0.00	21.91 0.02 0.00	21.89 0.04 0.00	22.74 0.07 0.00	24.65 0.10 0.00	31.81 0.22 0.00	38.77 0.50 0.00	35.64 0.28 0.00	27.84 0.25 0.00	23.87 0.28 0.00	20.47 0.12 0.00	13.78 0.03 0.00
N.AKRON___115KV_KNAPP 355671	19.78 0.65 0.00	17.00 0.53 0.00	16.40 0.19 0.00	16.22 0.24 0.00	16.35 0.35 0.00	18.01 0.37 0.00	27.06 0.48 0.00	33.44 0.30 0.00	31.61 0.50 0.00	26.29 0.72 0.00	23.83 0.56 0.00	23.24 0.41 0.00	22.05 0.70 0.00	22.50 0.61 0.00	22.46 0.61 0.00	23.04 0.36 0.00	24.92 0.37 0.00	31.94 0.35 0.00	38.05 -0.23 0.00	35.18 -0.18 0.00	28.22 0.63 0.00	24.22 0.64 0.00	20.79 0.45 0.00	15.43 0.19 -1.48

N.BELMOR_69_KV_BK1 55787	23.23 1.59 -2.52	21.24 1.33 -3.43	18.23 1.33 -0.70	17.28 1.29 0.00	17.30 1.30 0.00	19.80 1.48 -0.68	31.07 2.26 -2.23	35.70 2.55 0.00	33.93 2.55 -0.27	30.45 2.30 -2.57	28.58 2.16 -3.15	28.06 2.28 -2.95	27.97 2.07 -4.56	27.96 2.12 -3.95	27.99 2.12 -4.03	28.14 2.24 -3.22	28.65 2.36 -1.75	34.84 2.72 -0.54	41.79 3.18 -0.33	39.89 3.22 -1.32	30.20 2.32 -0.29	28.95 1.98 -3.39	27.63 1.89 -5.39	24.01 1.28 -8.97
N.E_GEN_SANDY PD 24062	19.84 0.71 0.00	17.10 0.63 0.00	16.87 0.66 0.00	16.64 0.66 0.00	16.66 0.66 0.00	18.40 0.76 0.00	27.59 1.01 0.00	34.44 1.29 0.00	30.00 1.25 2.35	24.00 0.95 2.53	22.31 0.93 1.89	21.87 1.00 1.96	21.14 0.88 1.08	21.90 0.94 0.93	22.06 0.94 0.72	22.58 1.00 1.08	23.66 1.05 1.94	28.20 1.30 4.68	37.00 1.61 2.89	32.00 1.42 4.77	26.10 1.05 2.54	23.58 0.90 0.90	21.20 0.85 0.00	20.35 0.58 -6.02
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	20.18 1.05 0.00	17.35 0.87 0.00	17.05 0.84 0.00	16.80 0.82 0.00	16.80 0.80 0.00	18.56 0.92 0.00	27.97 1.38 0.00	35.07 1.92 0.00	33.13 1.80 -0.22	27.32 1.51 -0.23	24.91 1.47 -0.17	24.56 1.55 -0.18	22.85 1.41 -0.10	23.44 1.47 -0.09	23.38 1.46 -0.07	24.29 1.52 -0.10	26.30 1.57 -0.18	33.95 1.93 -0.43	40.96 2.41 -0.27	38.09 2.30 -0.44	29.42 1.60 -0.23	25.06 1.39 -0.08	21.63 1.28 0.00	19.61 0.88 -4.98
N.QUEENS_27_KV_LOAD 356247	20.10 0.96 -0.01	17.25 0.76 -0.01	17.01 0.79 -0.01	16.91 0.93 0.00	16.90 0.90 0.00	18.50 0.85 -0.01	28.00 1.41 -0.01	34.84 1.69 0.00	33.12 1.74 -0.27	27.39 1.51 -0.30	25.04 1.56 -0.22	24.84 1.78 -0.23	23.07 1.58 -0.14	23.67 1.66 -0.12	23.58 1.64 -0.10	24.55 1.75 -0.13	26.51 1.74 -0.22	33.96 1.83 -0.54	40.87 2.26 -0.33	38.13 2.23 -0.55	29.29 1.41 -0.29	25.02 1.32 -0.11	21.69 1.32 -0.02	20.16 0.95 -5.46
N.TROY___115KV_TB1 355778	19.78 0.65 0.00	17.07 0.59 0.00	16.84 0.63 0.00	16.61 0.62 0.00	16.63 0.62 0.00	18.34 0.71 0.00	27.70 1.12 0.00	34.54 1.39 0.00	32.04 1.28 0.34	26.19 0.97 0.36	23.90 0.91 0.27	23.46 0.91 0.28	21.98 0.79 0.16	22.61 0.85 0.13	22.62 0.87 0.10	23.47 0.95 0.16	25.28 1.01 0.27	32.26 1.33 0.66	39.56 1.68 0.41	36.27 1.59 0.67	28.36 1.13 0.36	24.36 0.90 0.13	21.18 0.83 0.00	20.92 0.51 -6.66
NARROWS_GT1_1 24228	20.11 0.98 -0.01	17.33 0.84 -0.01	17.06 0.84 -0.01	16.96 0.98 0.00	16.95 0.94 0.00	18.65 1.00 -0.01	28.13 1.51 -0.04	35.16 2.02 0.01	33.37 1.99 -0.27	27.44 1.53 -0.33	25.14 1.60 -0.27	24.93 1.83 -0.28	23.18 1.62 -0.21	23.76 1.69 -0.18	23.67 1.66 -0.16	24.63 1.77 -0.18	26.59 1.79 -0.25	34.24 2.12 -0.54	41.25 2.64 -0.33	38.13 2.23 -0.55	29.61 1.74 -0.28	25.19 1.44 -0.16	21.79 1.34 -0.11	20.06 0.80 -5.51
NARROWS_GT1_2 24229	20.11 0.98 -0.01	17.33 0.84 -0.01	17.06 0.84 -0.01	16.96 0.98 0.00	16.95 0.94 0.00	18.65 1.00 -0.01	28.13 1.51 -0.04	35.16 2.02 0.01	33.37 1.99 -0.27	27.44 1.53 -0.33	25.14 1.60 -0.27	24.93 1.83 -0.28	23.18 1.62 -0.21	23.76 1.69 -0.18	23.67 1.66 -0.16	24.63 1.77 -0.18	26.59 1.79 -0.25	34.24 2.12 -0.54	41.25 2.64 -0.33	38.13 2.23 -0.55	29.61 1.74 -0.28	25.19 1.44 -0.16	21.79 1.34 -0.11	20.06 0.80 -5.51
NARROWS_GT1_3 24230	20.11 0.98 -0.01	17.33 0.84 -0.01	17.06 0.84 -0.01	16.96 0.98 0.00	16.95 0.94 0.00	18.65 1.00 -0.01	28.13 1.51 -0.04	35.16 2.02 0.01	33.37 1.99 -0.27	27.44 1.53 -0.33	25.14 1.60 -0.27	24.93 1.83 -0.28	23.18 1.62 -0.21	23.76 1.69 -0.18	23.67 1.66 -0.16	24.63 1.77 -0.18	26.59 1.79 -0.25	34.24 2.12 -0.54	41.25 2.64 -0.33	38.13 2.23 -0.55	29.61 1.74 -0.28	25.19 1.44 -0.16	21.79 1.34 -0.11	20.06 0.80 -5.51
NARROWS_GT1_4 24231	20.11 0.98 -0.01	17.33 0.84 -0.01	17.06 0.84 -0.01	16.96 0.98 0.00	16.95 0.94 0.00	18.65 1.00 -0.01	28.13 1.51 -0.04	35.16 2.02 0.01	33.37 1.99 -0.27	27.44 1.53 -0.33	25.14 1.60 -0.27	24.93 1.83 -0.28	23.18 1.62 -0.21	23.76 1.69 -0.18	23.67 1.66 -0.16	24.63 1.77 -0.18	26.59 1.79 -0.25	34.24 2.12 -0.54	41.25 2.64 -0.33	38.13 2.23 -0.55	29.61 1.74 -0.28	25.19 1.44 -0.16	21.79 1.34 -0.11	20.06 0.80 -5.51
NARROWS_GT1_5 24232	20.11 0.98 -0.01	17.33 0.84 -0.01	17.06 0.84 -0.01	16.96 0.98 0.00	16.95 0.94 0.00	18.65 1.00 -0.01	28.13 1.51 -0.04	35.16 2.02 0.01	33.37 1.99 -0.27	27.44 1.53 -0.33	25.14 1.60 -0.27	24.93 1.83 -0.28	23.18 1.62 -0.21	23.76 1.69 -0.18	23.67 1.66 -0.16	24.63 1.77 -0.18	26.59 1.79 -0.25	34.24 2.12 -0.54	41.25 2.64 -0.33	38.13 2.23 -0.55	29.61 1.74 -0.28	25.19 1.44 -0.16	21.79 1.34 -0.11	20.06 0.80 -5.51
NARROWS_GT1_6 24233	20.11 0.98 -0.01	17.33 0.84 -0.01	17.06 0.84 -0.01	16.96 0.98 0.00	16.95 0.94 0.00	18.65 1.00 -0.01	28.13 1.51 -0.04	35.16 2.02 0.01	33.37 1.99 -0.27	27.44 1.53 -0.33	25.14 1.60 -0.27	24.93 1.83 -0.28	23.18 1.62 -0.21	23.76 1.69 -0.18	23.67 1.66 -0.16	24.63 1.77 -0.18	26.59 1.79 -0.25	34.24 2.12 -0.54	41.25 2.64 -0.33	38.13 2.23 -0.55	29.61 1.74 -0.28	25.19 1.44 -0.16	21.79 1.34 -0.11	20.06 0.80 -5.51
NARROWS_GT1_7 24234	20.11 0.98 -0.01	17.33 0.84 -0.01	17.06 0.84 -0.01	16.96 0.98 0.00	16.95 0.94 0.00	18.65 1.00 -0.01	28.13 1.51 -0.04	35.16 2.02 0.01	33.37 1.99 -0.27	27.44 1.53 -0.33	25.14 1.60 -0.27	24.93 1.83 -0.28	23.18 1.62 -0.21	23.76 1.69 -0.18	23.67 1.66 -0.16	24.63 1.77 -0.18	26.59 1.79 -0.25	34.24 2.12 -0.54	41.25 2.64 -0.33	38.13 2.23 -0.55	29.61 1.74 -0.28	25.19 1.44 -0.16	21.79 1.34 -0.11	20.06 0.80 -5.51
NARROWS_GT1_8 24235	20.11 0.98 -0.01	17.33 0.84 -0.01	17.06 0.84 -0.01	16.96 0.98 0.00	16.95 0.94 0.00	18.65 1.00 -0.01	28.13 1.51 -0.04	35.16 2.02 0.01	33.37 1.99 -0.27	27.44 1.53 -0.33	25.14 1.60 -0.27	24.93 1.83 -0.28	23.18 1.62 -0.21	23.76 1.69 -0.18	23.67 1.66 -0.16	24.63 1.77 -0.18	26.59 1.79 -0.25	34.24 2.12 -0.54	41.25 2.64 -0.33	38.13 2.23 -0.55	29.61 1.74 -0.28	25.19 1.44 -0.16	21.79 1.34 -0.11	20.06 0.80 -5.51
NARROWS_GT2_1 24236	20.11 0.98 -0.01	17.33 0.84 -0.01	17.06 0.84 -0.01	16.96 0.98 0.00	16.95 0.94 0.00	18.65 1.00 -0.01	28.13 1.51 -0.04	35.16 2.02 0.01	33.37 1.99 -0.27	27.44 1.53 -0.33	25.14 1.60 -0.27	24.93 1.83 -0.28	23.18 1.62 -0.21	23.76 1.69 -0.18	23.67 1.66 -0.16	24.63 1.77 -0.18	26.59 1.79 -0.25	34.24 2.12 -0.54	41.25 2.64 -0.33	38.13 2.23 -0.55	29.61 1.74 -0.28	25.19 1.44 -0.16	21.79 1.34 -0.11	20.06 0.80 -5.51
NARROWS_GT2_2 24237	20.11 0.98 -0.01	17.33 0.84 -0.01	17.06 0.84 -0.01	16.96 0.98 0.00	16.95 0.94 0.00	18.65 1.00 -0.01	28.13 1.51 -0.04	35.16 2.02 0.01	33.37 1.99 -0.27	27.44 1.53 -0.33	25.14 1.60 -0.27	24.93 1.83 -0.28	23.18 1.62 -0.21	23.76 1.69 -0.18	23.67 1.66 -0.16	24.63 1.77 -0.18	26.59 1.79 -0.25	34.24 2.12 -0.54	41.25 2.64 -0.33	38.13 2.23 -0.55	29.61 1.74 -0.28	25.19 1.44 -0.16	21.79 1.34 -0.11	20.06 0.80 -5.51

NARROWS_GT2_3 24238	20.11 0.98 -0.01	17.33 0.84 -0.01	17.06 0.84 -0.01	16.96 0.98 0.00	16.95 0.94 0.00	18.65 1.00 -0.01	28.13 1.51 -0.04	35.16 2.02 0.01	33.37 1.99 -0.27	27.44 1.53 -0.33	25.14 1.60 -0.27	24.93 1.83 -0.28	23.18 1.62 -0.21	23.76 1.69 -0.18	23.67 1.66 -0.16	24.63 1.77 -0.18	26.59 1.79 -0.25	34.24 2.12 -0.54	41.25 2.64 -0.33	38.13 2.23 -0.55	29.61 1.74 -0.28	25.19 1.44 -0.16	21.79 1.34 -0.11	20.06 0.80 -5.51
NARROWS_GT2_4 24239	20.11 0.98 -0.01	17.33 0.84 -0.01	17.06 0.84 -0.01	16.96 0.98 0.00	16.95 0.94 0.00	18.65 1.00 -0.01	28.13 1.51 -0.04	35.16 2.02 0.01	33.37 1.99 -0.27	27.44 1.53 -0.33	25.14 1.60 -0.27	24.93 1.83 -0.28	23.18 1.62 -0.21	23.76 1.69 -0.18	23.67 1.66 -0.16	24.63 1.77 -0.18	26.59 1.79 -0.25	34.24 2.12 -0.54	41.25 2.64 -0.33	38.13 2.23 -0.55	29.61 1.74 -0.28	25.19 1.44 -0.16	21.79 1.34 -0.11	20.06 0.80 -5.51
NARROWS_GT2_5 24240	20.11 0.98 -0.01	17.33 0.84 -0.01	17.06 0.84 -0.01	16.96 0.98 0.00	16.95 0.94 0.00	18.65 1.00 -0.01	28.13 1.51 -0.04	35.16 2.02 0.01	33.37 1.99 -0.27	27.44 1.53 -0.33	25.14 1.60 -0.27	24.93 1.83 -0.28	23.18 1.62 -0.21	23.76 1.69 -0.18	23.67 1.66 -0.16	24.63 1.77 -0.18	26.59 1.79 -0.25	34.24 2.12 -0.54	41.25 2.64 -0.33	38.13 2.23 -0.55	29.61 1.74 -0.28	25.19 1.44 -0.16	21.79 1.34 -0.11	20.06 0.80 -5.51
NARROWS_GT2_6 24241	20.11 0.98 -0.01	17.33 0.84 -0.01	17.06 0.84 -0.01	16.96 0.98 0.00	16.95 0.94 0.00	18.65 1.00 -0.01	28.13 1.51 -0.04	35.16 2.02 0.01	33.37 1.99 -0.27	27.44 1.53 -0.33	25.14 1.60 -0.27	24.93 1.83 -0.28	23.18 1.62 -0.21	23.76 1.69 -0.18	23.67 1.66 -0.16	24.63 1.77 -0.18	26.59 1.79 -0.25	34.24 2.12 -0.54	41.25 2.64 -0.33	38.13 2.23 -0.55	29.61 1.74 -0.28	25.19 1.44 -0.16	21.79 1.34 -0.11	20.06 0.80 -5.51
NARROWS_GT2_7 24242	20.11 0.98 -0.01	17.33 0.84 -0.01	17.06 0.84 -0.01	16.96 0.98 0.00	16.95 0.94 0.00	18.65 1.00 -0.01	28.13 1.51 -0.04	35.16 2.02 0.01	33.37 1.99 -0.27	27.44 1.53 -0.33	25.14 1.60 -0.27	24.93 1.83 -0.28	23.18 1.62 -0.21	23.76 1.69 -0.18	23.67 1.66 -0.16	24.63 1.77 -0.18	26.59 1.79 -0.25	34.24 2.12 -0.54	41.25 2.64 -0.33	38.13 2.23 -0.55	29.61 1.74 -0.28	25.19 1.44 -0.16	21.79 1.34 -0.11	20.06 0.80 -5.51
NARROWS_GT2_8 24243	20.11 0.98 -0.01	17.33 0.84 -0.01	17.06 0.84 -0.01	16.96 0.98 0.00	16.95 0.94 0.00	18.65 1.00 -0.01	28.13 1.51 -0.04	35.16 2.02 0.01	33.37 1.99 -0.27	27.44 1.53 -0.33	25.14 1.60 -0.27	24.93 1.83 -0.28	23.18 1.62 -0.21	23.76 1.69 -0.18	23.67 1.66 -0.16	24.63 1.77 -0.18	26.59 1.79 -0.25	34.24 2.12 -0.54	41.25 2.64 -0.33	38.13 2.23 -0.55	29.61 1.74 -0.28	25.19 1.44 -0.16	21.79 1.34 -0.11	20.06 0.80 -5.51
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	19.78 0.65 0.00	17.15 0.68 0.00	16.90 0.70 0.00	16.72 0.74 0.00	16.71 0.70 0.00	18.38 0.74 0.00	27.83 1.25 0.00	34.57 1.43 0.00	32.28 1.31 0.13	26.38 0.95 0.14	24.02 0.86 0.11	23.49 0.78 0.11	21.95 0.66 0.06	22.63 0.79 0.05	22.61 0.81 0.04	23.50 0.88 0.06	25.45 1.01 0.10	32.95 1.61 0.25	40.19 2.07 0.15	36.97 1.87 0.26	28.75 1.30 0.14	24.53 0.99 0.05	21.18 0.83 0.00	20.36 0.37 -6.23
NCHELSEA_115KV_TR2 355582	20.24 1.11 0.00	17.43 0.96 0.00	17.13 0.92 0.00	16.89 0.91 0.00	16.88 0.88 0.00	18.64 1.01 0.00	28.13 1.54 0.00	35.17 2.02 0.00	33.20 1.90 -0.20	27.32 1.53 -0.21	24.91 1.49 -0.16	24.54 1.55 -0.16	22.82 1.39 -0.09	23.43 1.47 -0.08	23.37 1.46 -0.06	24.30 1.54 -0.09	26.33 1.62 -0.16	34.07 2.08 -0.39	41.08 2.56 -0.24	38.19 2.44 -0.40	29.46 1.66 -0.21	25.10 1.44 -0.08	21.65 1.30 0.00	20.02 0.91 -5.36
NEG CAPITAL___MECHNVIL 23645	19.95 0.82 0.00	17.18 0.71 0.00	16.95 0.75 0.00	16.72 0.74 0.00	16.74 0.74 0.00	18.49 0.85 0.00	28.15 1.57 0.00	35.10 1.96 0.00	32.62 1.80 0.29	26.65 1.38 0.31	24.31 1.28 0.23	23.79 1.21 0.24	22.26 1.05 0.13	22.91 1.14 0.11	22.91 1.16 0.09	23.81 1.27 0.13	25.62 1.30 0.23	32.77 1.74 0.55	40.20 2.26 0.34	36.81 2.01 0.56	28.83 1.54 0.30	24.71 1.23 0.11	21.36 1.02 0.00	21.11 0.65 -6.71
NEG CENTRAL_HIGH_ACRES 23767	19.00 -0.13 0.00	16.36 -0.11 0.00	15.98 -0.23 0.00	15.73 -0.26 0.00	15.79 -0.21 0.00	17.43 -0.21 0.00	26.37 -0.21 0.00	32.81 -0.33 0.00	30.83 -0.28 0.00	25.50 -0.08 0.00	23.11 -0.16 0.00	22.58 -0.25 0.00	21.26 -0.09 0.00	21.76 -0.13 0.00	21.69 -0.15 0.00	22.42 -0.25 0.00	24.35 -0.20 0.00	31.37 -0.22 0.00	37.74 -0.54 0.00	35.21 -0.14 0.00	27.48 -0.11 0.00	23.52 -0.07 0.00	20.16 -0.18 0.00	14.86 -0.22 -1.32
NEG CENTRAL___DRP 24199	19.70 0.57 0.00	16.94 0.46 0.00	16.58 0.37 0.00	16.33 0.35 0.00	16.45 0.45 0.00	18.12 0.48 0.00	27.43 0.85 0.00	34.14 0.99 0.00	32.01 0.90 0.00	26.40 0.82 0.00	23.94 0.67 0.00	23.40 0.57 0.00	21.99 0.64 0.00	22.52 0.63 0.00	22.50 0.66 0.00	23.26 0.59 0.00	25.21 0.66 0.00	32.47 0.88 0.00	39.12 0.84 0.00	36.13 0.78 0.00	28.47 0.88 0.00	24.34 0.75 0.00	20.85 0.51 0.00	15.44 0.28 -1.41
NEG CENTRAL___INDECK 23768	20.31 1.19 0.00	17.48 1.01 0.00	17.00 0.79 0.00	16.72 0.74 0.00	16.83 0.83 0.00	18.57 0.93 0.00	28.29 1.70 0.00	35.20 2.06 0.00	32.94 1.83 0.00	27.19 1.61 0.00	24.57 1.30 0.00	23.90 1.07 0.00	22.56 1.22 0.00	23.09 1.20 0.00	23.05 1.20 0.00	23.81 1.13 0.00	25.90 1.35 0.00	33.39 1.80 0.00	40.19 1.91 0.00	37.69 2.33 0.00	29.44 1.85 0.00	25.17 1.58 0.00	21.46 1.12 0.00	15.94 0.56 -1.62
NEG CENTRAL___SENECA 23627	19.84 0.71 0.00	17.05 0.58 0.00	16.66 0.45 0.00	16.41 0.43 0.00	16.55 0.54 0.00	18.24 0.60 0.00	27.62 1.04 0.00	34.31 1.16 0.00	32.23 1.12 0.00	26.60 1.02 0.00	24.10 0.84 0.00	23.51 0.68 0.00	22.14 0.79 0.00	22.66 0.77 0.00	22.63 0.79 0.00	23.38 0.70 0.00	25.36 0.81 0.00	32.66 1.07 0.00	39.27 1.00 0.00	36.24 0.88 0.00	28.67 1.08 0.00	24.53 0.94 0.00	21.00 0.65 0.00	15.57 0.34 -1.48
NEG CENTRAL___STATE_STREET 24147	19.68 0.55 0.00	16.94 0.46 0.00	16.59 0.39 0.00	16.35 0.37 0.00	16.45 0.45 0.00	18.12 0.48 0.00	27.59 1.01 0.00	34.44 1.29 0.00	32.20 1.09 0.00	26.55 0.97 0.00	24.08 0.81 0.00	23.53 0.71 0.00	22.09 0.75 0.00	22.63 0.74 0.00	22.59 0.74 0.00	23.40 0.73 0.00	25.36 0.81 0.00	32.69 1.11 0.00	39.46 1.19 0.00	36.45 1.10 0.00	28.61 1.02 0.00	24.30 0.71 0.00	20.85 0.51 0.00	15.44 0.29 -1.40
NEG MILLWOOD___DRP 24198	20.33 1.21 0.00	17.50 1.02 0.00	17.22 1.02 0.00	16.99 1.01 0.00	16.96 0.96 0.00	18.72 1.08 0.00	28.26 1.67 0.00	35.40 2.25 0.00	33.51 2.18 -0.22	27.56 1.74 -0.24	25.12 1.68 -0.18	24.75 1.73 -0.19	23.03 1.58 -0.10	23.62 1.64 -0.09	23.53 1.62 -0.07	24.50 1.72 -0.10	26.57 1.84 -0.19	34.34 2.31 -0.45	41.43 2.87 -0.28	38.53 2.72 -0.46	29.71 1.88 -0.24	25.28 1.60 -0.09	21.79 1.44 0.00	20.18 0.98 -5.45

NEG NORTH_FLCN_SEA 23793	19.38 0.25 0.00	16.71 0.23 0.00	16.38 0.18 0.00	16.22 0.24 0.00	16.18 0.18 0.00	17.89 0.25 0.00	27.19 0.61 0.00	34.01 0.86 0.00	31.95 0.84 0.00	26.40 0.82 0.00	23.92 0.65 0.00	23.37 0.55 0.00	21.86 0.51 0.00	22.37 0.48 0.00	22.33 0.48 0.00	23.19 0.52 0.00	25.16 0.61 0.00	32.44 0.85 0.00	39.50 1.22 0.00	36.27 0.92 0.00	28.31 0.72 0.00	24.11 0.52 0.00	20.69 0.35 0.00	13.95 0.19 0.00
NEG NORTH_KES_CHATEGAY 23792	19.15 0.02 0.00	16.51 0.03 0.00	16.19 -0.02 0.00	16.03 0.05 0.00	15.99 -0.02 0.00	17.67 0.04 0.00	26.82 0.24 0.00	33.54 0.40 0.00	31.51 0.40 0.00	25.99 0.41 0.00	23.57 0.30 0.00	23.05 0.23 0.00	21.54 0.19 0.00	22.04 0.15 0.00	22.02 0.17 0.00	22.88 0.20 0.00	24.79 0.25 0.00	32.00 0.41 0.00	38.97 0.69 0.00	35.81 0.46 0.00	27.92 0.33 0.00	23.82 0.24 0.00	20.45 0.10 0.00	13.78 0.03 0.00
NEG NORTH___ALICE_FALLS 23915	19.36 0.23 0.00	16.67 0.20 0.00	16.35 0.15 0.00	16.21 0.22 0.00	16.15 0.14 0.00	17.87 0.23 0.00	27.17 0.58 0.00	33.94 0.80 0.00	31.92 0.81 0.00	26.37 0.79 0.00	23.87 0.60 0.00	23.33 0.50 0.00	21.80 0.45 0.00	22.31 0.42 0.00	22.28 0.44 0.00	23.15 0.48 0.00	25.14 0.59 0.00	32.41 0.82 0.00	39.50 1.22 0.00	36.27 0.92 0.00	28.31 0.72 0.00	24.13 0.54 0.00	20.69 0.35 0.00	13.93 0.18 0.00
NEG NORTH___LWR_SARANAC 23913	19.36 0.23 0.00	16.67 0.20 0.00	16.35 0.15 0.00	16.21 0.22 0.00	16.15 0.14 0.00	17.87 0.23 0.00	27.17 0.58 0.00	33.94 0.80 0.00	31.92 0.81 0.00	26.37 0.79 0.00	23.87 0.60 0.00	23.33 0.50 0.00	21.80 0.45 0.00	22.31 0.42 0.00	22.28 0.44 0.00	23.15 0.48 0.00	25.14 0.59 0.00	32.41 0.82 0.00	39.50 1.22 0.00	36.27 0.92 0.00	28.31 0.72 0.00	24.13 0.54 0.00	20.69 0.35 0.00	13.93 0.18 0.00
NEG NORTH___PLATTSBURG 23628	19.36 0.23 0.00	16.67 0.20 0.00	16.35 0.15 0.00	16.21 0.22 0.00	16.15 0.14 0.00	17.87 0.23 0.00	27.17 0.58 0.00	33.94 0.79 0.00	31.92 0.81 0.00	26.37 0.79 0.00	23.87 0.60 0.00	23.33 0.50 0.00	21.80 0.45 0.00	22.30 0.41 0.00	22.28 0.44 0.00	23.15 0.48 0.00	25.14 0.59 0.00	32.41 0.82 0.00	39.50 1.22 0.00	36.27 0.92 0.00	28.31 0.72 0.00	24.20 0.61 0.00	20.67 0.32 0.00	13.92 0.17 0.00
NEG WEST_LEA_LOCKPORT 23791	19.53 0.40 0.00	16.80 0.33 0.00	16.20 0.00 0.00	16.01 0.03 0.00	16.16 0.16 0.00	17.76 0.12 0.00	26.64 0.05 0.00	32.85 -0.30 0.00	31.11 0.00 0.00	25.91 0.33 0.00	23.55 0.28 0.00	22.96 0.14 0.00	21.82 0.47 0.00	22.24 0.35 0.00	22.22 0.37 0.00	22.76 0.09 0.00	24.57 0.02 0.00	31.43 -0.16 0.00	37.28 -1.00 0.00	34.47 -0.88 0.00	27.78 0.19 0.00	23.85 0.26 0.00	20.53 0.18 0.00	15.27 0.00 -1.51
NEG WEST___LANCASTR 23811	20.05 0.92 0.00	17.22 0.74 0.00	16.61 0.41 0.00	16.38 0.40 0.00	16.53 0.53 0.00	18.17 0.53 0.00	27.46 0.88 0.00	34.01 0.86 0.00	32.04 0.93 0.00	26.68 1.10 0.00	24.24 0.98 0.00	23.67 0.84 0.00	22.44 1.09 0.00	22.88 0.99 0.00	22.85 1.00 0.00	23.44 0.77 0.00	25.26 0.71 0.00	32.47 0.88 0.00	38.74 0.46 0.00	35.81 0.46 0.00	28.64 1.05 0.00	24.48 0.90 0.00	21.04 0.69 0.00	15.16 -0.23 -1.64
NEG_PENN_ALLEGHNY 23528	19.87 0.75 0.00	17.10 0.63 0.00	16.75 0.55 0.00	16.49 0.51 0.00	16.58 0.58 0.00	18.24 0.60 0.00	27.59 1.01 0.00	34.44 1.29 0.00	32.26 1.15 0.00	26.63 1.05 0.00	24.17 0.91 0.00	23.67 0.85 0.00	22.22 0.88 0.00	22.77 0.88 0.00	22.72 0.87 0.00	23.51 0.84 0.00	25.46 0.91 0.00	32.76 1.17 0.00	39.50 1.22 0.00	36.62 1.27 0.00	28.66 1.07 0.00	24.48 0.90 0.00	21.06 0.71 0.00	16.63 0.44 -2.44
NEG___GEN_MONROE 24207	19.53 0.40 0.00	16.80 0.33 0.00	16.35 0.15 0.00	16.13 0.14 0.00	16.18 0.18 0.00	17.83 0.19 0.00	26.96 0.37 0.00	33.41 0.27 0.00	31.45 0.34 0.00	26.09 0.51 0.00	23.66 0.40 0.00	23.08 0.25 0.00	21.80 0.45 0.00	22.28 0.39 0.00	22.22 0.37 0.00	22.92 0.25 0.00	24.82 0.27 0.00	31.84 0.25 0.00	38.20 -0.08 0.00	35.35 0.00 0.00	28.06 0.47 0.00	23.99 0.40 0.00	20.61 0.26 0.00	15.30 0.19 -1.35
NEPA___ENERGY 23901	20.12 0.99 0.00	17.27 0.79 0.00	16.66 0.45 0.00	16.41 0.43 0.00	16.56 0.56 0.00	18.20 0.56 0.00	27.54 0.96 0.00	34.17 1.03 0.00	32.17 1.06 0.00	26.83 1.25 0.00	24.36 1.09 0.00	23.78 0.96 0.00	22.54 1.20 0.00	23.01 1.12 0.00	22.98 1.14 0.00	23.58 0.91 0.00	25.38 0.83 0.00	32.63 1.04 0.00	38.93 0.65 0.00	35.99 0.64 0.00	28.75 1.16 0.00	24.55 0.97 0.00	21.08 0.73 0.00	15.60 0.19 -1.65
NEVERSINK___HYD 23608	20.33 1.21 0.00	17.48 1.01 0.00	17.16 0.96 0.00	16.92 0.94 0.00	16.91 0.91 0.00	18.66 1.02 0.00	28.10 1.51 0.00	35.17 2.02 0.00	33.07 1.83 -0.12	27.17 1.46 -0.13	24.74 1.37 -0.10	24.37 1.44 -0.10	22.73 1.32 -0.06	23.30 1.36 -0.05	23.26 1.38 -0.04	24.16 1.43 -0.06	26.20 1.55 -0.10	33.86 2.02 -0.25	40.96 2.53 -0.15	37.87 2.26 -0.25	29.38 1.66 -0.13	25.07 1.44 -0.05	21.69 1.34 0.00	19.34 0.87 -4.71
NEWKRMKL_115KV_TB1 55635	19.42 0.29 0.00	16.84 0.36 0.00	16.61 0.41 0.00	16.45 0.46 0.00	16.43 0.43 0.00	18.08 0.44 0.00	27.22 0.64 0.00	33.81 0.66 0.00	31.44 0.62 0.30	25.75 0.49 0.32	23.52 0.49 0.24	23.06 0.48 0.25	21.62 0.41 0.14	22.23 0.46 0.12	22.24 0.48 0.09	23.06 0.52 0.14	24.88 0.56 0.23	31.80 0.76 0.55	38.97 1.03 0.34	35.75 0.95 0.56	27.93 0.63 0.30	23.95 0.47 0.11	20.87 0.53 0.00	20.63 0.28 -6.60
NEWTON___FALLS_HYD 23847	18.88 -0.25 0.00	16.24 -0.23 0.00	15.98 -0.23 0.00	15.77 -0.21 0.00	15.75 -0.26 0.00	17.39 -0.25 0.00	26.50 -0.08 0.00	33.11 -0.03 0.00	30.92 -0.19 0.00	25.22 -0.36 0.00	22.73 -0.54 0.00	22.26 -0.57 0.00	20.73 -0.62 0.00	21.23 -0.66 0.00	21.19 -0.66 0.00	22.02 -0.66 0.00	23.86 -0.69 0.00	30.89 -0.69 0.00	37.67 -0.61 0.00	34.75 -0.60 0.00	27.18 -0.41 0.00	23.40 -0.19 0.00	20.12 -0.22 0.00	13.89 -0.18 -0.31
NGRID_A1_DSASP 323792	19.09 -0.04 0.00	16.46 -0.02 0.00	15.93 -0.28 0.00	15.65 -0.34 0.00	15.78 -0.22 0.00	17.34 -0.30 0.00	26.02 -0.56 0.00	32.05 -1.09 0.00	30.39 -0.71 0.00	25.32 -0.26 0.00	23.06 -0.21 0.00	22.51 -0.32 0.00	21.37 0.02 0.00	21.78 -0.11 0.00	21.76 -0.09 0.00	22.29 -0.39 0.00	24.15 -0.39 0.00	30.77 -0.82 0.00	36.33 -1.95 0.00	34.54 -0.81 0.00	27.15 -0.44 0.00	23.28 -0.31 0.00	20.10 -0.24 0.00	14.88 -0.41 -1.54
NGRID_A2_DSASP 323793	19.09 -0.04 0.00	16.46 -0.02 0.00	15.93 -0.28 0.00	15.65 -0.34 0.00	15.78 -0.22 0.00	17.34 -0.30 0.00	26.02 -0.56 0.00	32.05 -1.09 0.00	30.39 -0.71 0.00	25.32 -0.26 0.00	23.06 -0.21 0.00	22.51 -0.32 0.00	21.37 0.02 0.00	21.78 -0.11 0.00	21.76 -0.09 0.00	22.29 -0.39 0.00	24.15 -0.39 0.00	30.77 -0.82 0.00	36.33 -1.95 0.00	34.54 -0.81 0.00	27.15 -0.44 0.00	23.28 -0.31 0.00	20.10 -0.24 0.00	14.88 -0.41 -1.54

NGRID_A4_DSASP 323807	19.09 -0.04 0.00	16.46 -0.02 0.00	15.93 -0.28 0.00	15.65 -0.34 0.00	15.78 -0.22 0.00	17.34 -0.30 0.00	26.02 -0.56 0.00	32.05 -1.09 0.00	30.39 -0.71 0.00	25.32 -0.26 0.00	23.06 -0.21 0.00	22.51 -0.32 0.00	21.37 0.02 0.00	21.78 -0.11 0.00	21.76 -0.09 0.00	22.29 -0.39 0.00	24.15 -0.39 0.00	30.77 -0.82 0.00	36.33 -1.95 0.00	34.54 -0.81 0.00	27.15 -0.44 0.00	23.28 -0.31 0.00	20.10 -0.24 0.00	14.88 -0.41 -1.54
NIAGARA_115E_LBMP 323715	19.28 0.15 0.00	16.64 0.16 0.00	16.11 -0.10 0.00	15.81 -0.18 0.00	15.94 -0.06 0.00	17.53 -0.11 0.00	26.13 -0.45 0.00	32.22 -0.93 0.00	30.52 -0.59 0.00	25.43 -0.15 0.00	23.13 -0.14 0.00	22.58 -0.25 0.00	21.43 0.09 0.00	21.85 -0.04 0.00	21.82 -0.02 0.00	22.38 -0.30 0.00	24.25 -0.29 0.00	30.89 -0.70 0.00	36.52 -1.76 0.00	34.72 -0.64 0.00	27.26 -0.33 0.00	23.37 -0.21 0.00	20.16 -0.18 0.00	14.97 -0.32 -1.53
NIAGARA_115W_LBMP 323714	19.03 -0.10 0.00	16.41 -0.07 0.00	15.90 -0.31 0.00	15.60 -0.38 0.00	15.73 -0.27 0.00	17.29 -0.35 0.00	25.95 -0.64 0.00	31.95 -1.19 0.00	30.30 -0.81 0.00	25.27 -0.31 0.00	22.99 -0.28 0.00	22.44 -0.39 0.00	21.30 -0.04 0.00	21.71 -0.18 0.00	21.69 -0.15 0.00	22.24 -0.43 0.00	24.08 -0.47 0.00	30.67 -0.92 0.00	36.21 -2.07 0.00	34.47 -0.88 0.00	27.06 -0.53 0.00	23.21 -0.38 0.00	20.04 -0.30 0.00	14.85 -0.44 -1.54
NIAGARA_230_LBMP 323716	19.32 0.19 0.00	16.66 0.18 0.00	16.12 -0.08 0.00	15.82 -0.16 0.00	15.95 -0.05 0.00	17.55 -0.09 0.00	26.32 -0.27 0.00	32.42 -0.73 0.00	30.74 -0.37 0.00	25.63 0.05 0.00	23.29 0.02 0.00	22.76 -0.07 0.00	21.60 0.26 0.00	22.00 0.11 0.00	22.00 0.15 0.00	22.56 -0.11 0.00	24.42 -0.12 0.00	31.12 -0.47 0.00	36.78 -1.49 0.00	34.93 -0.42 0.00	27.45 -0.14 0.00	23.54 -0.05 0.00	20.33 -0.02 0.00	15.04 -0.25 -1.53
NIAGARA__115KV_198_GIBSON 55903	19.01 -0.11 0.00	16.34 -0.13 0.00	15.96 -0.24 0.00	15.60 -0.38 0.00	15.73 -0.27 0.00	17.29 -0.35 0.00	25.95 -0.64 0.00	31.95 -1.19 0.00	30.30 -0.81 0.00	25.27 -0.31 0.00	22.99 -0.28 0.00	22.44 -0.39 0.00	21.30 -0.04 0.00	21.71 -0.18 0.00	21.69 -0.15 0.00	22.22 -0.45 0.00	23.96 -0.59 0.00	30.61 -0.98 0.00	36.21 -2.07 0.00	33.52 -1.84 0.00	27.07 -0.52 0.00	23.23 -0.35 0.00	20.04 -0.31 0.00	15.00 -0.29 -1.54
NIAGARA____ 23760	19.32 0.19 0.00	16.66 0.18 0.00	16.12 -0.08 0.00	15.82 -0.16 0.00	15.95 -0.05 0.00	17.55 -0.09 0.00	26.32 -0.27 0.00	32.42 -0.73 0.00	30.74 -0.37 0.00	25.63 0.05 0.00	23.29 0.02 0.00	22.76 -0.07 0.00	21.60 0.26 0.00	22.00 0.11 0.00	22.00 0.15 0.00	22.56 -0.11 0.00	24.42 -0.12 0.00	31.12 -0.47 0.00	36.78 -1.49 0.00	34.93 -0.42 0.00	27.45 -0.14 0.00	23.54 -0.05 0.00	20.33 -0.02 0.00	15.04 -0.25 -1.53
NINE_MILE_1 23575	18.80 -0.33 0.00	16.20 -0.28 0.00	15.90 -0.31 0.00	15.68 -0.30 0.00	15.72 -0.29 0.00	17.32 -0.32 0.00	26.02 -0.56 0.00	32.42 -0.73 0.00	30.42 -0.68 0.00	25.04 -0.54 0.00	22.76 -0.51 0.00	22.30 -0.52 0.00	20.90 -0.45 0.00	21.43 -0.46 0.00	21.39 -0.46 0.00	22.15 -0.52 0.00	24.01 -0.54 0.00	30.89 -0.70 0.00	37.36 -0.92 0.00	34.58 -0.78 0.00	27.01 -0.58 0.00	23.07 -0.52 0.00	19.90 -0.45 0.00	14.32 -0.27 -0.84
NINE_MILE_2 23744	18.80 -0.33 0.00	16.20 -0.28 0.00	15.91 -0.29 0.00	15.68 -0.30 0.00	15.72 -0.29 0.00	17.32 -0.32 0.00	26.02 -0.56 0.00	32.42 -0.73 0.00	30.42 -0.68 0.00	25.04 -0.54 0.00	22.76 -0.51 0.00	22.30 -0.52 0.00	20.90 -0.45 0.00	21.43 -0.46 0.00	21.39 -0.46 0.00	22.15 -0.52 0.00	24.01 -0.54 0.00	30.89 -0.70 0.00	37.36 -0.92 0.00	34.58 -0.78 0.00	27.01 -0.58 0.00	23.07 -0.52 0.00	19.90 -0.45 0.00	14.32 -0.27 -0.84
NM_CAPITAL____DRP 24208	19.51 0.38 0.00	16.89 0.41 0.00	16.67 0.47 0.00	16.48 0.50 0.00	16.48 0.48 0.00	18.15 0.51 0.00	27.33 0.74 0.00	33.97 0.83 0.00	31.60 0.81 0.31	25.83 0.59 0.34	23.60 0.58 0.25	23.16 0.59 0.26	21.72 0.51 0.14	22.34 0.57 0.12	22.32 0.57 0.10	23.16 0.63 0.14	24.96 0.66 0.25	31.87 0.88 0.60	39.06 1.15 0.37	35.80 1.06 0.61	27.98 0.72 0.33	24.01 0.54 0.12	20.94 0.59 0.00	20.67 0.33 -6.59
NM_CENTRAL____DRP 24181	19.28 0.15 0.00	16.59 0.12 0.00	16.28 0.08 0.00	16.05 0.06 0.00	16.11 0.11 0.00	17.76 0.12 0.00	26.80 0.21 0.00	33.38 0.23 0.00	31.30 0.19 0.00	25.78 0.20 0.00	23.43 0.16 0.00	22.94 0.11 0.00	21.52 0.17 0.00	22.07 0.18 0.00	22.00 0.15 0.00	22.79 0.11 0.00	24.67 0.12 0.00	31.78 0.19 0.00	38.39 0.11 0.00	35.46 0.11 0.00	27.78 0.19 0.00	23.73 0.14 0.00	20.41 0.06 0.00	14.94 0.04 -1.14
NM_FRONTIER____DRP 24179	19.01 -0.11 0.00	16.34 -0.13 0.00	15.96 -0.24 0.00	15.60 -0.38 0.00	15.73 -0.27 0.00	17.29 -0.35 0.00	25.95 -0.64 0.00	31.95 -1.19 0.00	30.30 -0.81 0.00	25.27 -0.31 0.00	22.99 -0.28 0.00	22.44 -0.39 0.00	21.30 -0.04 0.00	21.71 -0.18 0.00	21.69 -0.15 0.00	22.22 -0.45 0.00	23.96 -0.59 0.00	30.61 -0.98 0.00	36.21 -2.07 0.00	33.52 -1.84 0.00	27.07 -0.52 0.00	23.23 -0.35 0.00	20.04 -0.31 0.00	15.00 -0.29 -1.54
NM_ST_REGIS____HYD 24053	18.84 -0.29 0.00	16.23 -0.25 0.00	15.96 -0.24 0.00	15.79 -0.19 0.00	15.71 -0.29 0.00	17.37 -0.26 0.00	26.37 -0.21 0.00	32.95 -0.20 0.00	30.86 -0.25 0.00	25.27 -0.31 0.00	22.76 -0.51 0.00	22.26 -0.57 0.00	20.71 -0.64 0.00	21.21 -0.68 0.00	21.15 -0.70 0.00	21.99 -0.68 0.00	23.76 -0.79 0.00	30.70 -0.88 0.00	37.44 -0.84 0.00	34.51 -0.85 0.00	26.98 -0.61 0.00	23.30 -0.28 0.00	20.10 -0.24 0.00	13.73 -0.18 -0.16
NORTHPORT____1 23551	23.27 1.62 -2.52	21.26 1.35 -3.43	18.26 1.36 -0.70	17.33 1.34 -0.01	17.36 1.34 -0.01	19.87 1.55 -0.68	31.12 2.18 -2.36	35.58 2.06 -0.38	33.65 2.14 -0.39	30.36 2.28 -2.51	28.33 1.98 -3.08	27.91 2.19 -2.90	27.86 2.01 -4.51	27.86 2.08 -3.89	27.86 2.05 -3.96	27.96 2.13 -3.15	28.46 2.23 -1.68	34.01 2.18 -0.24	40.80 2.64 0.12	38.78 2.62 -0.81	29.44 2.01 0.16	28.69 1.86 -3.24	27.40 1.83 -5.23	23.83 1.22 -8.85
NORTHPORT____2 23552	23.27 1.62 -2.52	21.26 1.35 -3.43	18.26 1.36 -0.70	17.33 1.34 -0.01	17.36 1.34 -0.01	19.87 1.55 -0.68	31.12 2.18 -2.36	35.58 2.06 -0.38	33.65 2.14 -0.39	30.36 2.28 -2.51	28.33 1.98 -3.08	27.91 2.19 -2.90	27.86 2.01 -4.51	27.86 2.08 -3.89	27.86 2.05 -3.96	27.96 2.13 -3.15	28.46 2.23 -1.68	34.01 2.18 -0.24	40.80 2.64 0.12	38.78 2.62 -0.81	29.44 2.01 0.16	28.69 1.86 -3.24	27.40 1.83 -5.23	23.83 1.22 -8.85
NORTHPORT____3 23553	23.31 1.66 -2.52	21.29 1.38 -3.43	18.28 1.38 -0.70	17.35 1.36 -0.01	17.37 1.36 -0.01	19.87 1.55 -0.68	31.27 2.53 -2.16	34.39 2.52 1.27	33.53 2.58 0.16	30.53 2.46 -2.50	28.48 2.14 -3.07	27.99 2.26 -2.90	27.91 2.05 -4.51	27.89 2.10 -3.90	27.91 2.10 -3.97	27.99 2.16 -3.16	28.48 2.26 -1.68	34.22 2.40 -0.23	41.14 2.99 0.12	39.09 2.93 -0.81	29.57 2.15 0.17	28.80 1.98 -3.23	27.56 2.00 -5.22	23.96 1.36 -8.85

NORTHPORT___4 23650	23.31 1.66 -2.52	21.29 1.38 -3.43	18.28 1.38 -0.70	17.35 1.36 -0.01	17.37 1.36 -0.01	19.87 1.55 -0.68	31.27 2.53 -2.16	34.39 2.52 1.27	33.53 2.58 0.16	30.53 2.46 -2.50	28.48 2.14 -3.07	27.99 2.26 -2.90	27.91 2.05 -4.51	27.89 2.10 -3.90	27.91 2.10 -3.97	27.99 2.16 -3.16	28.48 2.26 -1.68	34.22 2.40 -0.23	41.14 2.99 0.12	39.09 2.93 -0.81	29.57 2.15 0.17	28.80 1.98 -3.23	27.56 2.00 -5.22	23.96 1.36 -8.85
NORTHPORT___IC 23718	23.27 1.62 -2.52	21.26 1.35 -3.43	18.26 1.36 -0.70	17.33 1.34 -0.01	17.36 1.34 -0.01	19.87 1.55 -0.68	31.12 2.18 -2.36	35.58 2.06 -0.38	33.65 2.14 -0.39	30.36 2.28 -2.51	28.33 1.98 -3.08	27.91 2.19 -2.90	27.86 2.01 -4.51	27.86 2.08 -3.89	27.86 2.05 -3.96	27.96 2.13 -3.15	28.46 2.23 -1.68	34.01 2.18 -0.24	40.80 2.64 0.12	38.78 2.62 -0.81	29.44 2.01 0.16	28.69 1.86 -3.24	27.40 1.83 -5.23	23.83 1.22 -8.85
NORTH___COUNTRY_ESR 323785	19.09 -0.04 0.00	16.46 -0.02 0.00	16.16 -0.05 0.00	15.98 0.00 0.00	15.94 -0.06 0.00	17.62 -0.02 0.00	26.74 0.16 0.00	33.41 0.26 0.00	31.42 0.31 0.00	25.94 0.36 0.00	23.52 0.26 0.00	22.99 0.16 0.00	21.48 0.13 0.00	22.00 0.11 0.00	21.96 0.11 0.00	22.81 0.14 0.00	24.74 0.20 0.00	31.91 0.32 0.00	38.81 0.54 0.00	35.67 0.32 0.00	27.81 0.22 0.00	23.80 0.21 0.00	20.37 0.02 0.00	13.73 -0.03 0.00
NPX_GEN_1385_PROXY 323591	23.14 1.49 -2.52	21.14 1.24 -3.43	18.15 1.25 -0.70	17.30 1.31 -0.01	17.32 1.31 -0.01	19.82 1.50 -0.68	30.83 1.89 -2.36	35.09 1.56 -0.38	33.24 1.74 -0.39	28.93 1.25 -2.10	26.10 1.07 -1.76	25.74 1.28 -1.64	24.92 1.15 -2.42	26.00 1.20 -2.91	26.00 1.20 -2.95	26.00 1.25 -2.08	27.90 1.67 -1.68	33.31 1.49 -0.24	40.19 2.03 0.12	38.18 2.01 -0.81	28.73 1.30 0.16	27.91 1.09 -3.24	26.92 1.34 -5.23	23.64 1.03 -8.85
NPX_GEN_CSC 323557	23.86 2.22 -2.52	21.77 1.86 -3.43	18.75 1.85 -0.70	17.80 1.81 -0.01	17.82 1.81 -0.01	20.38 2.06 -0.68	36.67 3.22 -6.87	50.97 3.48 -14.34	39.89 3.48 -5.30	36.73 3.25 -7.91	34.92 2.91 -8.74	33.28 3.01 -7.44	32.63 2.77 -8.51	33.26 2.87 -8.51	34.26 2.86 -9.55	34.29 2.97 -8.65	34.99 3.19 -7.25	60.87 3.54 -25.75	80.44 4.25 -37.92	83.82 4.13 -44.33	69.85 3.17 -39.09	42.46 2.83 -16.04	42.22 2.54 -19.33	37.65 1.69 -22.20
NSINS_S_GLNS_FALLS 23858	19.99 0.86 0.00	17.22 0.74 0.00	16.97 0.76 0.00	16.73 0.75 0.00	16.75 0.75 0.00	18.52 0.88 0.00	28.50 1.91 0.00	35.56 2.42 0.00	33.01 2.18 0.28	26.97 1.69 0.30	24.56 1.51 0.22	23.99 1.39 0.23	22.33 1.11 0.13	23.03 1.25 0.11	23.01 1.25 0.09	24.00 1.45 0.13	25.76 1.42 0.21	33.04 1.96 0.51	40.65 2.68 0.31	37.28 2.44 0.52	29.14 1.82 0.27	24.81 1.32 0.10	21.44 1.10 0.00	21.09 0.61 -6.73
NUCOR_STEEL___DRP 24197	19.68 0.55 0.00	16.95 0.48 0.00	16.61 0.41 0.00	16.38 0.40 0.00	16.47 0.46 0.00	18.12 0.48 0.00	27.38 0.80 0.00	34.14 0.99 0.00	31.95 0.84 0.00	26.35 0.77 0.00	23.90 0.63 0.00	23.37 0.55 0.00	21.92 0.58 0.00	22.48 0.59 0.00	22.44 0.59 0.00	23.24 0.57 0.00	25.19 0.64 0.00	32.47 0.88 0.00	39.20 0.92 0.00	36.20 0.85 0.00	28.42 0.83 0.00	24.30 0.71 0.00	20.85 0.51 0.00	15.44 0.32 -1.37
NUMBER_THREE_WT_PWR 323818	19.24 0.12 0.00	16.54 0.07 0.00	16.27 0.07 0.00	16.05 0.06 0.00	16.03 0.03 0.00	17.73 0.09 0.00	27.03 0.45 0.00	33.81 0.66 0.00	31.45 0.34 0.00	25.66 0.08 0.00	23.22 -0.05 0.00	22.71 -0.11 0.00	21.22 -0.13 0.00	21.74 -0.15 0.00	21.69 -0.15 0.00	22.56 -0.11 0.00	24.50 -0.05 0.00	31.75 0.16 0.00	38.66 0.38 0.00	35.78 0.43 0.00	27.92 0.33 0.00	23.87 0.28 0.00	20.51 0.16 0.00	14.22 0.06 -0.41
NYISO_LBMP_REFERENCE 24008	19.13 0.00 0.00	16.48 0.00 0.00	16.20 0.00 0.00	15.98 0.00 0.00	16.00 0.00 0.00	17.64 0.00 0.00	26.58 0.00 0.00	33.15 0.00 0.00	31.11 0.00 0.00	25.58 0.00 0.00	23.27 0.00 0.00	22.83 0.00 0.00	21.35 0.00 0.00	21.89 0.00 0.00	21.85 0.00 0.00	22.67 0.00 0.00	24.55 0.00 0.00	31.59 0.00 0.00	38.28 0.00 0.00	35.35 0.00 0.00	27.59 0.00 0.00	23.59 0.00 0.00	20.35 0.00 0.00	13.75 0.00 0.00
NYPA_BRENTWD___GT 24164	23.56 1.91 -2.52	21.51 1.60 -3.43	18.51 1.60 -0.70	17.54 1.55 -0.01	17.58 1.57 -0.01	20.10 1.78 -0.68	32.50 2.68 -3.24	38.96 2.82 -3.00	35.29 2.86 -1.33	32.15 2.76 -3.81	30.18 2.47 -4.45	29.43 2.60 -4.00	29.22 2.39 -5.48	29.37 2.47 -5.01	29.63 2.47 -5.32	29.72 2.56 -4.49	30.30 2.72 -3.03	40.69 2.68 -6.42	50.59 3.22 -9.10	49.89 3.18 -11.35	39.56 2.62 -9.35	32.30 2.38 -6.34	31.18 2.20 -8.64	27.30 1.46 -12.08
NYPA_GOWANUS___GT5 24156	20.11 0.98 -0.01	17.33 0.84 -0.01	17.06 0.84 -0.01	16.96 0.98 0.00	16.95 0.94 0.00	18.65 1.00 -0.01	28.13 1.51 -0.04	35.16 2.02 0.01	33.37 1.99 -0.27	27.44 1.53 -0.33	25.14 1.60 -0.27	24.93 1.83 -0.28	23.18 1.62 -0.21	23.76 1.69 -0.18	23.67 1.66 -0.16	24.63 1.77 -0.18	26.59 1.79 -0.25	34.24 2.12 -0.54	41.25 2.64 -0.33	38.13 2.23 -0.55	29.61 1.74 -0.28	25.19 1.44 -0.16	21.79 1.34 -0.11	20.06 0.80 -5.51
NYPA_GOWANUS___GT6 24157	20.11 0.98 -0.01	17.33 0.84 -0.01	17.06 0.84 -0.01	16.96 0.98 0.00	16.95 0.94 0.00	18.65 1.00 -0.01	28.13 1.51 -0.04	35.16 2.02 0.01	33.37 1.99 -0.27	27.44 1.53 -0.33	25.14 1.60 -0.27	24.93 1.83 -0.28	23.18 1.62 -0.21	23.76 1.69 -0.18	23.67 1.66 -0.16	24.63 1.77 -0.18	26.59 1.79 -0.25	34.24 2.12 -0.54	41.25 2.64 -0.33	38.13 2.23 -0.55	29.61 1.74 -0.28	25.19 1.44 -0.16	21.79 1.34 -0.11	20.06 0.80 -5.51
NYPA_HARLEM__RVR__GT1 24160	19.76 0.63 -0.01	17.12 0.64 -0.01	16.86 0.65 -0.01	16.91 0.93 0.00	16.88 0.88 0.00	18.47 0.83 -0.01	27.92 1.33 0.00	34.83 1.69 0.01	33.08 1.71 -0.26	27.30 1.43 -0.29	24.98 1.49 -0.22	24.79 1.73 -0.23	23.00 1.52 -0.14	23.61 1.60 -0.12	23.52 1.57 -0.10	24.46 1.65 -0.13	26.41 1.64 -0.22	33.92 1.80 -0.53	40.86 2.26 -0.32	37.87 1.98 -0.54	29.28 1.41 -0.28	24.99 1.30 -0.11	21.61 1.24 -0.02	19.93 0.67 -5.50
NYPA_HARLEM__RVR__GT2 24161	19.76 0.63 -0.01	17.12 0.64 -0.01	16.86 0.65 -0.01	16.91 0.93 0.00	16.88 0.88 0.00	18.47 0.83 -0.01	27.92 1.33 0.00	34.83 1.69 0.01	33.08 1.71 -0.26	27.30 1.43 -0.29	24.98 1.49 -0.22	24.79 1.73 -0.23	23.00 1.52 -0.14	23.61 1.60 -0.12	23.52 1.57 -0.10	24.46 1.65 -0.13	26.41 1.64 -0.22	33.92 1.80 -0.53	40.86 2.26 -0.32	37.87 1.98 -0.54	29.28 1.41 -0.28	24.99 1.30 -0.11	21.61 1.24 -0.02	19.93 0.67 -5.50
NYPA_KENT___GT 24152	20.07 0.94 -0.01	17.31 0.82 -0.01	17.04 0.83 -0.01	16.92 0.94 0.00	16.93 0.93 0.00	18.63 0.99 -0.01	28.08 1.46 -0.04	35.13 1.99 0.01	33.37 1.99 -0.27	27.44 1.53 -0.33	25.14 1.60 -0.27	24.91 1.80 -0.28	23.16 1.60 -0.21	23.73 1.66 -0.18	23.67 1.66 -0.16	24.60 1.75 -0.18	26.57 1.77 -0.25	34.18 2.05 -0.54	41.17 2.56 -0.33	38.06 2.16 -0.55	29.53 1.66 -0.28	25.16 1.42 -0.16	21.76 1.30 -0.11	20.05 0.78 -5.51

NYPA_POUCH1____GT 24155	20.13 0.99 -0.01	17.34 0.86 -0.01	17.07 0.86 -0.01	16.97 0.99 0.00	16.96 0.96 0.00	18.67 1.02 -0.01	28.16 1.54 -0.04	35.19 2.06 0.01	33.40 2.02 -0.27	27.46 1.56 -0.33	25.17 1.63 -0.27	24.95 1.85 -0.28	23.20 1.64 -0.21	23.78 1.71 -0.18	23.71 1.71 -0.16	24.65 1.79 -0.18	26.62 1.82 -0.25	34.28 2.15 -0.54	41.29 2.68 -0.33	38.20 2.30 -0.55	29.64 1.77 -0.28	25.21 1.46 -0.16	21.82 1.36 -0.11	20.08 0.81 -5.51
NYPA_VERNON____GT2 24162	20.03 0.90 -0.01	17.30 0.81 -0.01	17.03 0.81 -0.01	16.91 0.93 0.00	16.91 0.91 0.00	18.61 0.97 -0.01	28.05 1.43 -0.04	35.09 1.96 0.01	33.34 1.96 -0.27	27.44 1.53 -0.33	25.12 1.58 -0.27	24.88 1.78 -0.28	23.14 1.58 -0.21	23.71 1.64 -0.18	23.65 1.64 -0.16	24.56 1.70 -0.18	26.54 1.74 -0.25	34.12 1.99 -0.54	41.10 2.49 -0.33	37.99 2.09 -0.55	29.44 1.57 -0.28	25.12 1.37 -0.16	21.73 1.28 -0.11	20.02 0.76 -5.51
NYPA_VERNON____GT3 24163	20.03 0.90 -0.01	17.30 0.81 -0.01	17.03 0.81 -0.01	16.91 0.93 0.00	16.91 0.91 0.00	18.61 0.97 -0.01	28.05 1.43 -0.04	35.09 1.96 0.01	33.34 1.96 -0.27	27.44 1.53 -0.33	25.12 1.58 -0.27	24.88 1.78 -0.28	23.14 1.58 -0.21	23.71 1.64 -0.18	23.65 1.64 -0.16	24.56 1.70 -0.18	26.54 1.74 -0.25	34.12 1.99 -0.54	41.10 2.49 -0.33	37.99 2.09 -0.55	29.44 1.57 -0.28	25.12 1.37 -0.16	21.73 1.28 -0.11	20.02 0.76 -5.51
NYPA____ASTORIA_CC1 323568	20.00 0.86 -0.01	17.28 0.79 -0.01	16.99 0.78 -0.01	16.91 0.93 0.00	16.90 0.90 0.00	18.58 0.93 -0.01	28.00 1.38 -0.04	35.03 1.89 0.01	33.28 1.90 -0.27	27.39 1.48 -0.33	25.10 1.56 -0.27	24.86 1.76 -0.28	23.12 1.56 -0.21	23.69 1.62 -0.18	23.60 1.59 -0.16	24.54 1.68 -0.18	26.49 1.69 -0.25	34.09 1.96 -0.54	41.02 2.41 -0.33	37.95 2.05 -0.55	29.42 1.54 -0.28	25.09 1.34 -0.16	21.69 1.24 -0.11	19.99 0.73 -5.51
NYPA____ASTORIA_CC2 323569	20.00 0.86 -0.01	17.28 0.79 -0.01	16.99 0.78 -0.01	16.91 0.93 0.00	16.90 0.90 0.00	18.58 0.93 -0.01	28.00 1.38 -0.04	35.03 1.89 0.01	33.28 1.90 -0.27	27.39 1.48 -0.33	25.10 1.56 -0.27	24.86 1.76 -0.28	23.12 1.56 -0.21	23.69 1.62 -0.18	23.60 1.59 -0.16	24.54 1.68 -0.18	26.49 1.69 -0.25	34.09 1.96 -0.54	41.02 2.41 -0.33	37.95 2.05 -0.55	29.42 1.54 -0.28	25.09 1.34 -0.16	21.69 1.24 -0.11	19.99 0.73 -5.51
NYPA____HOLTSVILL 23794	23.61 1.97 -2.52	21.55 1.65 -3.43	18.56 1.65 -0.70	17.59 1.60 -0.01	17.63 1.62 -0.01	20.15 1.83 -0.68	36.19 2.82 -6.79	50.18 2.95 -14.08	39.31 2.99 -5.21	36.37 2.84 -7.96	34.60 2.54 -8.80	33.00 2.69 -7.49	32.37 2.48 -8.55	32.98 2.54 -8.55	33.99 2.53 -9.61	34.01 2.63 -8.71	34.63 2.77 -7.31	60.55 2.97 -26.00	80.17 3.60 -38.29	83.62 3.50 -44.76	69.74 2.68 -39.48	42.16 2.41 -16.16	42.07 2.26 -19.47	37.60 1.51 -22.33
NYPA____HELLGATE_GT1 24158	19.76 0.63 -0.01	17.12 0.64 -0.01	16.86 0.65 -0.01	16.91 0.93 0.00	16.88 0.88 0.00	18.47 0.83 -0.01	27.92 1.33 0.00	34.83 1.69 0.01	33.08 1.71 -0.26	27.30 1.43 -0.29	24.98 1.49 -0.22	24.79 1.73 -0.23	23.00 1.52 -0.14	23.61 1.60 -0.12	23.52 1.57 -0.10	24.46 1.65 -0.13	26.41 1.64 -0.22	33.85 1.74 -0.53	40.78 2.18 -0.32	37.84 1.94 -0.54	29.22 1.35 -0.28	24.99 1.30 -0.11	21.61 1.24 -0.02	19.92 0.66 -5.50
NYPA____HELLGATE_GT2 24159	19.76 0.63 -0.01	17.12 0.64 -0.01	16.86 0.65 -0.01	16.91 0.93 0.00	16.88 0.88 0.00	18.47 0.83 -0.01	27.92 1.33 0.00	34.83 1.69 0.01	33.08 1.71 -0.26	27.30 1.43 -0.29	24.98 1.49 -0.22	24.79 1.73 -0.23	23.00 1.52 -0.14	23.61 1.60 -0.12	23.52 1.57 -0.10	24.46 1.65 -0.13	26.41 1.64 -0.22	33.85 1.74 -0.53	40.78 2.18 -0.32	37.84 1.94 -0.54	29.22 1.35 -0.28	24.99 1.30 -0.11	21.61 1.24 -0.02	19.92 0.66 -5.50
NYS_BARGE____HYD 23848	19.55 0.42 0.00	16.87 0.39 0.00	16.32 0.11 0.00	16.03 0.05 0.00	16.16 0.16 0.00	17.76 0.12 0.00	26.61 0.03 0.00	32.85 -0.30 0.00	31.08 -0.03 0.00	25.89 0.31 0.00	23.52 0.26 0.00	22.94 0.11 0.00	21.82 0.47 0.00	22.22 0.33 0.00	22.19 0.35 0.00	22.74 0.07 0.00	24.67 0.12 0.00	31.46 -0.13 0.00	37.32 -0.96 0.00	35.39 0.04 0.00	27.76 0.17 0.00	23.78 0.19 0.00	20.51 0.16 0.00	15.15 -0.11 -1.51
OAK ORCHARD____HYD 24046	19.51 0.38 0.00	16.80 0.33 0.00	16.37 0.16 0.00	16.11 0.13 0.00	16.18 0.18 0.00	17.83 0.19 0.00	27.01 0.42 0.00	33.54 0.40 0.00	31.58 0.47 0.00	26.17 0.59 0.00	23.71 0.44 0.00	23.17 0.34 0.00	21.86 0.51 0.00	22.35 0.46 0.00	22.28 0.44 0.00	22.99 0.32 0.00	24.96 0.42 0.00	31.97 0.38 0.00	38.39 0.12 0.00	35.95 0.60 0.00	28.09 0.50 0.00	24.03 0.45 0.00	20.61 0.26 0.00	15.14 0.04 -1.34
OAKDALE__35_KV_LOAD 356122	19.80 0.67 0.00	17.04 0.56 0.00	16.67 0.47 0.00	16.43 0.45 0.00	16.51 0.51 0.00	18.17 0.53 0.00	27.46 0.88 0.00	34.24 1.09 0.00	32.10 1.00 0.00	26.50 0.92 0.00	24.08 0.81 0.00	23.58 0.75 0.00	22.14 0.79 0.00	22.68 0.79 0.00	22.63 0.79 0.00	23.42 0.75 0.00	25.31 0.76 0.00	32.60 1.01 0.00	39.31 1.03 0.00	36.34 0.99 0.00	28.53 0.94 0.00	24.39 0.80 0.00	21.00 0.65 0.00	16.53 0.34 -2.43
OCC_CHEM____DRP 24175	19.07 -0.06 0.00	16.39 -0.08 0.00	16.01 -0.19 0.00	15.65 -0.34 0.00	15.78 -0.22 0.00	17.34 -0.30 0.00	26.03 -0.56 0.00	32.05 -1.09 0.00	30.39 -0.72 0.00	25.32 -0.26 0.00	23.06 -0.21 0.00	22.51 -0.32 0.00	21.37 0.02 0.00	21.78 -0.11 0.00	21.76 -0.09 0.00	22.29 -0.39 0.00	24.03 -0.52 0.00	30.70 -0.88 0.00	36.33 -1.95 0.00	33.59 -1.77 0.00	27.15 -0.44 0.00	23.30 -0.28 0.00	20.10 -0.24 0.00	15.04 -0.25 -1.54
OH_GEN_PROXY 24063	19.34 0.21 0.00	16.66 0.18 0.00	16.14 -0.06 0.00	15.84 -0.14 0.00	15.97 -0.03 0.00	17.55 -0.09 0.00	26.37 -0.21 0.00	32.51 -0.63 0.00	30.80 -0.31 0.00	25.68 0.10 0.00	23.34 0.07 0.00	22.80 -0.02 0.00	21.62 0.28 0.00	22.04 0.15 0.00	22.04 0.20 0.00	22.60 -0.07 0.00	24.47 -0.07 0.00	31.18 -0.41 0.00	36.90 -1.38 0.00	35.00 -0.35 0.00	27.51 -0.08 0.00	23.59 0.00 0.00	20.35 0.00 0.00	15.05 -0.23 -1.53
OLIN_CORP_DRP 24177	19.28 0.15 0.00	16.59 0.12 0.00	15.96 -0.24 0.00	15.84 -0.14 0.00	15.97 -0.03 0.00	17.55 -0.09 0.00	26.18 -0.40 0.00	32.28 -0.86 0.00	30.58 -0.53 0.00	25.48 -0.10 0.00	23.17 -0.09 0.00	22.62 -0.21 0.00	21.50 0.15 0.00	21.89 0.00 0.00	21.89 0.04 0.00	22.42 -0.25 0.00	24.18 -0.37 0.00	30.93 -0.66 0.00	36.59 -1.68 0.00	33.87 -1.48 0.00	27.34 -0.25 0.00	23.47 -0.12 0.00	20.22 -0.12 0.00	15.13 -0.17 -1.54
OLIN_CORP_DSASP 323712	19.09 -0.04 0.00	16.46 -0.02 0.00	15.93 -0.28 0.00	15.65 -0.34 0.00	15.78 -0.22 0.00	17.34 -0.30 0.00	26.02 -0.56 0.00	32.05 -1.09 0.00	30.39 -0.71 0.00	25.32 -0.26 0.00	23.06 -0.21 0.00	22.51 -0.32 0.00	21.37 0.02 0.00	21.78 -0.11 0.00	21.76 -0.09 0.00	22.29 -0.39 0.00	24.15 -0.39 0.00	30.77 -0.82 0.00	36.33 -1.95 0.00	34.54 -0.81 0.00	27.15 -0.44 0.00	23.28 -0.31 0.00	20.10 -0.24 0.00	14.88 -0.41 -1.54

ONEIDA_HERK_LFGE 323681	19.45 0.32 0.00	16.72 0.25 0.00	16.46 0.26 0.00	16.22 0.24 0.00	16.21 0.21 0.00	17.92 0.28 0.00	27.20 0.61 0.00	34.01 0.86 0.00	31.73 0.62 0.00	25.94 0.36 0.00	23.55 0.28 0.00	23.05 0.23 0.00	21.54 0.19 0.00	22.06 0.17 0.00	22.02 0.17 0.00	22.90 0.23 0.00	24.87 0.32 0.00	32.16 0.57 0.00	39.08 0.81 0.00	36.13 0.78 0.00	28.20 0.61 0.00	24.06 0.47 0.00	20.71 0.37 0.00	14.30 0.21 -0.34
ONEIDA___115KV_TB4 55905	19.70 0.57 0.00	16.94 0.46 0.00	16.66 0.45 0.00	16.43 0.45 0.00	16.43 0.43 0.00	18.15 0.51 0.00	27.51 0.93 0.00	34.40 1.26 0.00	32.10 1.00 0.00	26.24 0.67 0.00	23.85 0.58 0.00	23.35 0.52 0.00	21.84 0.49 0.00	22.37 0.48 0.00	22.33 0.48 0.00	23.22 0.54 0.00	25.21 0.66 0.00	32.66 1.07 0.00	39.69 1.42 0.00	36.66 1.31 0.00	28.64 1.05 0.00	24.53 0.94 0.00	21.02 0.67 0.00	14.71 0.39 -0.57
ONONDAGA_REF_OCCRA 23987	19.40 0.27 0.00	16.69 0.21 0.00	16.38 0.18 0.00	16.14 0.16 0.00	16.21 0.21 0.00	17.87 0.23 0.00	26.96 0.37 0.00	33.64 0.50 0.00	31.51 0.40 0.00	25.96 0.38 0.00	23.59 0.33 0.00	23.08 0.25 0.00	21.65 0.30 0.00	22.20 0.31 0.00	22.15 0.31 0.00	22.94 0.27 0.00	24.84 0.29 0.00	32.00 0.41 0.00	38.66 0.38 0.00	35.71 0.35 0.00	27.98 0.39 0.00	23.92 0.33 0.00	20.55 0.20 0.00	15.14 0.12 -1.27
ONONDAGA___COGEN 23986	19.45 0.33 0.00	16.74 0.26 0.00	16.43 0.23 0.00	16.19 0.21 0.00	16.26 0.26 0.00	17.92 0.28 0.00	27.01 0.43 0.00	33.71 0.56 0.00	31.58 0.47 0.00	26.01 0.43 0.00	23.62 0.35 0.00	23.12 0.30 0.00	21.69 0.34 0.00	22.24 0.35 0.00	22.17 0.33 0.00	22.97 0.29 0.00	24.89 0.34 0.00	32.03 0.44 0.00	38.70 0.42 0.00	35.74 0.39 0.00	28.00 0.41 0.00	23.96 0.38 0.00	20.59 0.24 0.00	15.15 0.15 -1.24
ONTARIO___LFGE 23819	19.84 0.71 0.00	17.09 0.61 0.00	16.67 0.47 0.00	16.41 0.43 0.00	16.55 0.54 0.00	18.22 0.58 0.00	27.62 1.04 0.00	34.30 1.16 0.00	32.23 1.12 0.00	26.60 1.02 0.00	24.10 0.84 0.00	23.51 0.68 0.00	22.14 0.79 0.00	22.66 0.77 0.00	22.63 0.79 0.00	23.40 0.73 0.00	25.41 0.86 0.00	32.66 1.07 0.00	39.27 0.99 0.00	36.52 1.16 0.00	28.66 1.07 0.00	24.44 0.85 0.00	21.02 0.67 0.00	15.59 0.36 -1.48
ORANGEVILLE_WT_PWR 323706	19.87 0.75 0.00	17.10 0.63 0.00	16.58 0.37 0.00	16.29 0.30 0.00	16.43 0.43 0.00	18.06 0.42 0.00	27.27 0.69 0.00	33.77 0.63 0.00	31.85 0.75 0.00	26.47 0.89 0.00	24.06 0.79 0.00	23.46 0.64 0.00	22.22 0.88 0.00	22.68 0.79 0.00	22.65 0.81 0.00	23.26 0.59 0.00	25.23 0.69 0.00	32.32 0.73 0.00	38.47 0.19 0.00	36.24 0.88 0.00	28.45 0.86 0.00	24.29 0.71 0.00	20.87 0.53 0.00	15.61 0.15 -1.70
ORANGEVILLE___ESR 323794	19.87 0.75 0.00	17.10 0.63 0.00	16.58 0.37 0.00	16.29 0.30 0.00	16.43 0.43 0.00	18.06 0.42 0.00	27.27 0.69 0.00	33.77 0.63 0.00	31.85 0.75 0.00	26.47 0.89 0.00	24.06 0.79 0.00	23.46 0.64 0.00	22.22 0.88 0.00	22.68 0.79 0.00	22.65 0.81 0.00	23.26 0.59 0.00	25.23 0.69 0.00	32.32 0.73 0.00	38.47 0.19 0.00	36.24 0.88 0.00	28.45 0.86 0.00	24.29 0.71 0.00	20.87 0.53 0.00	15.61 0.15 -1.70
OSWEGATCHIE___HYD 24044	18.88 -0.25 0.00	16.24 -0.23 0.00	15.98 -0.23 0.00	15.77 -0.21 0.00	15.75 -0.26 0.00	17.39 -0.25 0.00	26.50 -0.08 0.00	33.11 -0.03 0.00	30.92 -0.19 0.00	25.22 -0.36 0.00	22.73 -0.53 0.00	22.26 -0.57 0.00	20.73 -0.62 0.00	21.23 -0.66 0.00	21.19 -0.65 0.00	22.01 -0.66 0.00	23.86 -0.69 0.00	30.89 -0.70 0.00	37.66 -0.61 0.00	34.75 -0.60 0.00	27.18 -0.41 0.00	23.40 -0.19 0.00	20.12 -0.22 0.00	13.88 -0.19 -0.31
OSWEGO___5 23606	18.90 -0.23 0.00	16.26 -0.21 0.00	15.98 -0.23 0.00	15.74 -0.24 0.00	15.79 -0.21 0.00	17.41 -0.23 0.00	26.16 -0.43 0.00	32.58 -0.56 0.00	30.58 -0.53 0.00	25.17 -0.41 0.00	22.87 -0.40 0.00	22.42 -0.41 0.00	21.00 -0.34 0.00	21.54 -0.35 0.00	21.50 -0.35 0.00	22.27 -0.41 0.00	24.13 -0.42 0.00	31.05 -0.54 0.00	37.55 -0.73 0.00	34.75 -0.60 0.00	27.15 -0.44 0.00	23.19 -0.40 0.00	20.00 -0.35 0.00	14.38 -0.21 -0.83
OSWEGO___6 23613	18.90 -0.23 0.00	16.26 -0.21 0.00	15.98 -0.23 0.00	15.74 -0.24 0.00	15.79 -0.21 0.00	17.41 -0.23 0.00	26.16 -0.43 0.00	32.58 -0.56 0.00	30.58 -0.53 0.00	25.17 -0.41 0.00	22.87 -0.40 0.00	22.42 -0.41 0.00	21.00 -0.34 0.00	21.54 -0.35 0.00	21.50 -0.35 0.00	22.27 -0.41 0.00	24.13 -0.42 0.00	31.05 -0.54 0.00	37.55 -0.73 0.00	34.75 -0.60 0.00	27.15 -0.44 0.00	23.19 -0.40 0.00	20.00 -0.35 0.00	14.38 -0.21 -0.83
OUTOKUMPU-AB___DRP 24206	19.64 0.52 0.00	16.89 0.41 0.00	16.38 0.18 0.00	16.11 0.13 0.00	16.26 0.26 0.00	17.87 0.23 0.00	26.82 0.24 0.00	33.15 0.00 0.00	31.36 0.25 0.00	26.12 0.54 0.00	23.76 0.49 0.00	23.17 0.34 0.00	22.01 0.66 0.00	22.44 0.55 0.00	22.41 0.57 0.00	22.94 0.27 0.00	24.77 0.22 0.00	31.72 0.13 0.00	37.67 -0.61 0.00	34.82 -0.53 0.00	28.00 0.41 0.00	24.04 0.45 0.00	20.67 0.33 0.00	15.36 0.06 -1.55
OXBOW___ 24026	19.43 0.31 0.00	16.74 0.26 0.00	16.20 0.00 0.00	15.90 -0.08 0.00	16.05 0.05 0.00	17.64 0.00 0.00	26.48 -0.11 0.00	32.68 -0.46 0.00	30.95 -0.15 0.00	25.78 0.20 0.00	23.45 0.19 0.00	22.89 0.07 0.00	21.75 0.40 0.00	22.17 0.28 0.00	22.15 0.31 0.00	22.67 0.00 0.00	24.60 0.05 0.00	31.34 -0.25 0.00	37.13 -1.15 0.00	35.25 -0.11 0.00	27.65 0.06 0.00	23.68 0.09 0.00	20.45 0.10 0.00	15.12 -0.18 -1.54
OXY_CHEM_DSASP 323612	19.07 -0.06 0.00	16.39 -0.08 0.00	16.01 -0.19 0.00	15.65 -0.34 0.00	15.78 -0.22 0.00	17.34 -0.30 0.00	26.03 -0.56 0.00	32.05 -1.09 0.00	30.39 -0.72 0.00	25.32 -0.26 0.00	23.06 -0.21 0.00	22.51 -0.32 0.00	21.37 0.02 0.00	21.78 -0.11 0.00	21.76 -0.09 0.00	22.29 -0.39 0.00	24.03 -0.52 0.00	30.70 -0.88 0.00	36.33 -1.95 0.00	33.59 -1.77 0.00	27.15 -0.44 0.00	23.30 -0.28 0.00	20.10 -0.24 0.00	15.04 -0.25 -1.54
OZONE_PARK_ESR 323760	20.35 1.21 -0.01	17.51 1.02 -0.01	17.27 1.05 -0.01	16.99 1.01 0.00	17.01 1.01 0.00	18.80 1.15 -0.01	28.38 1.75 -0.04	35.53 2.39 0.00	33.74 2.36 -0.27	27.75 1.84 -0.33	25.40 1.86 -0.27	25.11 2.01 -0.28	23.37 1.81 -0.21	23.95 1.88 -0.18	23.86 1.86 -0.16	24.81 1.95 -0.18	26.86 2.06 -0.25	34.50 2.37 -0.54	41.56 2.95 -0.33	38.62 2.72 -0.55	29.81 1.93 -0.29	25.43 1.67 -0.17	22.00 1.55 -0.10	20.34 1.09 -5.50
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	19.07 -0.06 0.00	16.39 -0.08 0.00	16.01 -0.19 0.00	15.65 -0.34 0.00	15.78 -0.22 0.00	17.34 -0.30 0.00	26.03 -0.56 0.00	32.05 -1.09 0.00	30.39 -0.72 0.00	25.32 -0.26 0.00	23.06 -0.21 0.00	22.51 -0.32 0.00	21.37 0.02 0.00	21.78 -0.11 0.00	21.76 -0.09 0.00	22.29 -0.39 0.00	24.03 -0.52 0.00	30.70 -0.88 0.00	36.33 -1.95 0.00	33.59 -1.77 0.00	27.15 -0.44 0.00	23.30 -0.28 0.00	20.10 -0.24 0.00	15.04 -0.25 -1.54

PACKARD__115KV_DUPONT_184 80571	19.07 -0.06 0.00	16.39 -0.08 0.00	16.01 -0.19 0.00	15.65 -0.34 0.00	15.78 -0.22 0.00	17.34 -0.30 0.00	26.03 -0.56 0.00	32.05 -1.09 0.00	30.39 -0.72 0.00	25.32 -0.26 0.00	23.06 -0.21 0.00	22.51 -0.32 0.00	21.37 0.02 0.00	21.78 -0.11 0.00	21.76 -0.09 0.00	22.29 -0.39 0.00	24.03 -0.52 0.00	30.70 -0.88 0.00	36.33 -1.95 0.00	33.59 -1.77 0.00	27.15 -0.44 0.00	23.30 -0.28 0.00	20.10 -0.24 0.00	15.04 -0.25 -1.54
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	20.02 0.88 -0.01	17.23 0.74 -0.01	17.01 0.79 -0.01	16.93 0.94 0.00	16.91 0.91 0.00	18.52 0.86 -0.01	27.84 1.25 -0.01	34.90 1.76 0.00	33.15 1.77 -0.27	27.26 1.38 -0.30	24.93 1.44 -0.22	24.72 1.67 -0.23	22.94 1.45 -0.14	23.52 1.51 -0.12	23.45 1.51 -0.10	24.41 1.61 -0.13	26.39 1.62 -0.22	33.96 1.83 -0.54	40.91 2.30 -0.33	37.95 2.05 -0.55	29.29 1.41 -0.29	24.93 1.23 -0.11	21.55 1.18 -0.02	20.03 0.85 -5.42
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	20.19 1.05 -0.01	17.39 0.91 -0.01	17.17 0.96 -0.01	17.10 1.12 0.00	17.07 1.07 0.00	18.68 1.02 -0.01	28.00 1.41 -0.01	35.10 1.96 0.00	33.34 1.96 -0.27	27.36 1.48 -0.30	25.07 1.58 -0.22	24.84 1.78 -0.23	23.04 1.56 -0.14	23.63 1.62 -0.12	23.54 1.59 -0.10	24.51 1.70 -0.13	26.51 1.74 -0.22	34.12 1.99 -0.54	41.06 2.45 -0.33	38.13 2.23 -0.55	29.43 1.55 -0.29	25.14 1.44 -0.11	21.73 1.36 -0.02	20.16 0.98 -5.42
PATROON__115KV_TB1 80586	19.49 0.36 0.00	16.89 0.41 0.00	16.66 0.45 0.00	16.48 0.50 0.00	16.48 0.48 0.00	18.13 0.49 0.00	27.30 0.72 0.00	33.91 0.76 0.00	31.52 0.72 0.30	25.82 0.56 0.33	23.58 0.56 0.24	23.12 0.55 0.25	21.66 0.45 0.14	22.30 0.53 0.12	22.30 0.55 0.09	23.12 0.59 0.14	24.98 0.66 0.23	31.92 0.88 0.56	39.08 1.15 0.34	35.85 1.06 0.57	28.01 0.72 0.30	24.02 0.54 0.11	20.94 0.59 0.00	20.68 0.32 -6.61
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	20.03 0.90 0.00	17.20 0.72 0.00	16.61 0.41 0.00	16.37 0.38 0.00	16.53 0.53 0.00	18.17 0.53 0.00	27.41 0.82 0.00	33.97 0.83 0.00	32.04 0.93 0.00	26.68 1.10 0.00	24.24 0.98 0.00	23.65 0.82 0.00	22.44 1.09 0.00	22.88 0.99 0.00	22.85 1.00 0.00	23.42 0.75 0.00	25.26 0.71 0.00	32.47 0.88 0.00	38.66 0.38 0.00	35.74 0.39 0.00	28.61 1.02 0.00	24.51 0.92 0.00	21.04 0.69 0.00	15.29 -0.08 -1.61
PAWLING_115_KV_BK3_REV_LBMP_H 345028	20.33 1.21 0.00	17.50 1.02 0.00	17.22 1.02 0.00	16.99 1.01 0.00	16.96 0.96 0.00	18.72 1.08 0.00	28.26 1.67 0.00	35.40 2.25 0.00	33.51 2.18 -0.22	27.56 1.74 -0.24	25.12 1.68 -0.18	24.75 1.73 -0.19	23.03 1.58 -0.10	23.62 1.64 -0.09	23.53 1.62 -0.07	24.50 1.72 -0.10	26.57 1.84 -0.19	34.34 2.31 -0.45	41.43 2.87 -0.28	38.53 2.72 -0.46	29.71 1.88 -0.24	25.28 1.60 -0.09	21.79 1.44 0.00	20.18 0.98 -5.45
PEEKSKILL____ 23653	20.16 1.03 0.00	17.33 0.86 0.00	17.06 0.86 0.00	16.81 0.83 0.00	16.83 0.83 0.00	18.59 0.95 0.00	28.02 1.43 0.00	35.07 1.92 0.00	33.23 1.87 -0.26	27.39 1.53 -0.28	24.99 1.51 -0.21	24.66 1.62 -0.22	22.92 1.45 -0.12	23.50 1.51 -0.10	23.43 1.51 -0.08	24.36 1.56 -0.12	26.41 1.64 -0.21	34.03 1.93 -0.52	41.01 2.41 -0.32	38.04 2.16 -0.53	29.47 1.60 -0.28	25.08 1.39 -0.10	21.63 1.28 0.00	19.92 0.83 -5.34
PGE MADISON__WINDPWR 24146	20.98 1.85 0.00	18.01 1.53 0.00	17.66 1.46 0.00	17.39 1.41 0.00	17.41 1.41 0.00	19.24 1.60 0.00	29.61 3.03 0.00	37.19 4.04 0.00	34.44 3.33 0.00	28.03 2.46 0.00	25.36 2.09 0.00	24.72 1.89 0.00	23.18 1.84 0.00	23.69 1.80 0.00	23.64 1.79 0.00	24.60 1.93 0.00	26.83 2.28 0.00	34.84 3.25 0.00	42.33 4.06 0.00	39.24 3.89 0.00	30.62 3.03 0.00	25.97 2.38 0.00	22.18 1.83 0.00	17.30 1.10 -2.45
PIERCEFIELD____HYD 23852	18.76 -0.36 0.00	16.16 -0.31 0.00	15.88 -0.32 0.00	15.71 -0.27 0.00	15.65 -0.35 0.00	17.29 -0.35 0.00	26.21 -0.37 0.00	32.71 -0.43 0.00	30.64 -0.47 0.00	25.02 -0.56 0.00	22.50 -0.77 0.00	22.00 -0.82 0.00	20.47 -0.88 0.00	20.97 -0.92 0.00	20.91 -0.94 0.00	21.74 -0.93 0.00	23.49 -1.06 0.00	30.33 -1.26 0.00	37.01 -1.26 0.00	34.12 -1.24 0.00	26.71 -0.88 0.00	23.16 -0.42 0.00	20.00 -0.35 0.00	13.68 -0.25 -0.17
PINELAWN_CC_1 323563	23.38 1.74 -2.52	21.36 1.45 -3.43	18.36 1.46 -0.70	17.41 1.42 -0.01	17.43 1.42 -0.01	19.96 1.64 -0.68	31.68 2.53 -2.57	36.80 2.72 -0.93	34.44 2.74 -0.60	31.09 2.56 -2.96	29.12 2.30 -3.55	28.52 2.42 -3.28	28.41 2.22 -4.84	28.47 2.30 -4.28	28.57 2.29 -4.43	28.69 2.40 -3.62	29.22 2.53 -2.15	36.70 2.75 -2.37	44.66 3.33 -3.06	43.09 3.29 -4.44	33.19 2.48 -3.11	30.11 2.22 -4.30	28.78 2.03 -6.40	25.07 1.35 -9.96
PJM_GEN_HTP_PROXY 323702	20.23 1.09 -0.01	17.41 0.92 -0.01	17.16 0.94 -0.01	16.91 0.93 0.00	16.93 0.93 0.00	18.71 1.06 -0.01	28.22 1.59 -0.04	35.30 2.15 0.00	33.52 2.14 -0.27	27.60 1.69 -0.33	25.24 1.70 -0.27	24.95 1.85 -0.28	23.20 1.64 -0.21	23.78 1.71 -0.18	23.71 1.71 -0.16	24.63 1.77 -0.18	26.61 1.82 -0.25	34.24 2.12 -0.54	41.25 2.64 -0.33	38.20 2.30 -0.55	29.62 1.74 -0.29	25.26 1.51 -0.17	21.83 1.38 -0.10	20.17 0.91 -5.51
PJM_GEN_KEystone 24065	19.91 0.78 0.00	17.13 0.66 0.00	16.71 0.50 0.00	16.45 0.46 0.00	16.53 0.53 0.00	18.20 0.56 0.00	27.43 0.85 0.00	34.24 1.09 0.00	32.30 1.06 -0.13	26.77 1.05 -0.14	24.37 1.00 -0.11	23.94 1.00 -0.11	22.43 1.02 -0.06	22.95 1.01 -0.05	22.91 1.03 -0.04	23.69 0.95 -0.06	25.64 0.98 -0.11	32.96 1.11 -0.27	39.55 1.11 -0.16	36.83 1.20 -0.27	28.78 1.05 -0.14	24.53 0.90 -0.05	21.14 0.79 0.00	17.73 0.45 -3.52
PJM_GEN_NEPTUNE_PROXY 323594	23.10 1.45 -2.52	21.11 1.20 -3.43	18.12 1.22 -0.70	17.19 1.20 -0.01	17.21 1.20 -0.01	19.69 1.38 -0.68	30.85 2.07 -2.19	35.40 2.25 0.00	33.68 2.30 -0.27	30.27 2.12 -2.57	28.39 1.98 -3.15	27.88 2.10 -2.95	27.80 1.90 -4.56	27.81 1.97 -3.95	27.84 1.97 -4.03	27.94 2.04 -3.22	28.43 2.13 -1.75	34.43 2.30 -0.54	41.44 2.83 -0.33	39.47 2.79 -1.32	29.93 2.04 -0.30	28.79 1.82 -3.39	27.47 1.73 -5.39	23.92 1.16 -9.01
PJM_GEN_VFT_PROXY 323633	20.15 1.01 -0.01	17.34 0.86 -0.01	17.07 0.86 -0.01	16.81 0.83 0.00	16.87 0.86 0.00	18.64 0.99 -0.01	28.03 1.41 -0.04	35.03 1.89 0.00	33.28 1.90 -0.27	27.42 1.51 -0.33	25.10 1.56 -0.27	24.82 1.71 -0.28	23.09 1.54 -0.21	23.67 1.60 -0.18	23.58 1.57 -0.16	24.49 1.63 -0.18	26.49 1.69 -0.25	33.99 1.86 -0.54	40.94 2.34 -0.33	37.88 1.98 -0.55	29.45 1.57 -0.29	25.12 1.37 -0.17	21.71 1.26 -0.10	20.10 0.84 -5.51
PLATSBURG_115KV_PMLD1 355749	19.38 0.25 0.00	16.69 0.21 0.00	16.37 0.16 0.00	16.22 0.24 0.00	16.16 0.16 0.00	17.89 0.25 0.00	27.17 0.58 0.00	33.97 0.83 0.00	31.92 0.81 0.00	26.37 0.79 0.00	23.90 0.63 0.00	23.35 0.52 0.00	21.84 0.49 0.00	22.35 0.46 0.00	22.33 0.48 0.00	23.17 0.50 0.00	25.14 0.59 0.00	32.41 0.82 0.00	39.46 1.19 0.00	36.27 0.92 0.00	28.28 0.69 0.00	24.11 0.52 0.00	20.67 0.33 0.00	13.93 0.18 0.00

PLEASANTVLY___LBMP 24000	20.03 0.90 0.00	17.25 0.77 0.00	17.00 0.79 0.00	16.73 0.75 0.00	16.75 0.75 0.00	18.50 0.86 0.00	27.83 1.25 0.00	34.80 1.66 0.00	33.00 1.59 -0.30	27.21 1.30 -0.32	24.79 1.28 -0.24	24.47 1.39 -0.25	22.72 1.24 -0.14	23.30 1.29 -0.12	23.23 1.29 -0.09	24.17 1.36 -0.14	26.22 1.42 -0.25	33.87 1.67 -0.60	40.72 2.07 -0.37	37.95 1.98 -0.61	29.27 1.35 -0.33	24.88 1.18 -0.12	21.46 1.12 0.00	20.19 0.78 -5.65
PLSNTVLE_13_KV_13.8KVDIST 80602	20.18 1.05 0.00	17.36 0.89 0.00	17.11 0.91 0.00	16.85 0.86 0.00	16.87 0.86 0.00	18.64 1.01 0.00	28.13 1.54 0.00	35.17 2.02 0.00	33.37 1.99 -0.27	27.48 1.61 -0.29	25.09 1.61 -0.22	24.76 1.71 -0.22	23.01 1.54 -0.12	23.57 1.58 -0.11	23.50 1.57 -0.08	24.45 1.66 -0.12	26.51 1.74 -0.22	34.18 2.05 -0.54	41.10 2.49 -0.33	38.31 2.40 -0.55	29.56 1.68 -0.29	25.13 1.44 -0.10	21.69 1.34 0.00	20.14 0.92 -5.46
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	20.18 1.05 0.00	17.36 0.89 0.00	17.11 0.91 0.00	16.85 0.86 0.00	16.87 0.86 0.00	18.64 1.01 0.00	28.13 1.54 0.00	35.17 2.02 0.00	33.37 1.99 -0.27	27.48 1.61 -0.29	25.09 1.61 -0.22	24.76 1.71 -0.22	23.01 1.54 -0.12	23.57 1.58 -0.11	23.50 1.57 -0.08	24.45 1.66 -0.12	26.51 1.74 -0.22	34.18 2.05 -0.54	41.10 2.49 -0.33	38.31 2.40 -0.55	29.56 1.68 -0.29	25.13 1.44 -0.10	21.69 1.34 0.00	20.14 0.92 -5.46
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	20.14 1.01 0.00	17.33 0.86 0.00	17.06 0.86 0.00	16.83 0.85 0.00	16.83 0.83 0.00	18.57 0.93 0.00	27.97 1.38 0.00	34.97 1.82 0.00	32.71 1.71 0.11	26.85 1.38 0.11	24.53 1.35 0.09	24.15 1.42 0.09	22.58 1.28 0.05	23.18 1.34 0.04	23.15 1.33 0.03	24.03 1.41 0.05	25.96 1.50 0.09	33.24 1.86 0.21	40.48 2.33 0.13	37.33 2.19 0.21	28.97 1.49 0.11	24.84 1.30 0.04	21.55 1.20 0.00	20.10 0.84 -5.51
POLETTI____ 23519	16.37 1.03 3.79	16.37 0.87 0.98	16.40 0.91 0.71	16.37 0.88 0.49	16.37 0.88 0.51	16.37 1.01 2.27	16.37 1.49 11.70	17.68 2.05 17.52	17.57 2.02 15.56	17.57 1.61 9.62	18.03 1.63 6.87	17.93 1.78 6.68	17.93 1.60 5.02	17.82 1.64 5.71	17.82 1.64 5.67	17.84 1.72 6.55	17.93 1.79 8.41	18.80 2.05 14.84	18.82 2.49 21.94	19.00 2.33 18.69	18.74 1.63 10.48	18.13 1.44 6.90	18.54 1.34 3.15	17.66 0.95 -2.95
POMONA___ESR 323819	20.16 1.03 0.00	17.35 0.87 0.00	17.05 0.84 0.00	16.80 0.81 0.00	16.80 0.80 0.00	18.56 0.92 0.00	27.96 1.38 0.00	35.07 1.92 0.00	33.13 1.80 -0.22	27.32 1.51 -0.23	24.91 1.47 -0.17	24.56 1.55 -0.18	22.85 1.41 -0.10	23.44 1.47 -0.09	23.38 1.46 -0.07	24.29 1.52 -0.10	26.30 1.57 -0.18	33.95 1.93 -0.43	40.96 2.41 -0.27	37.91 2.12 -0.44	29.42 1.60 -0.23	25.04 1.37 -0.08	21.61 1.26 0.00	19.54 0.81 -4.98
PORT_JEFF_3 23555	23.63 1.99 -2.52	21.57 1.66 -3.43	18.56 1.65 -0.70	17.60 1.61 -0.01	17.63 1.62 -0.01	20.17 1.85 -0.68	36.39 2.82 -6.99	50.70 2.85 -14.70	39.45 2.92 -5.42	36.39 2.86 -7.95	34.57 2.51 -8.79	32.99 2.69 -7.47	32.36 2.48 -8.54	32.99 2.56 -8.54	33.97 2.53 -9.59	33.97 2.61 -8.69	34.57 2.72 -7.30	60.37 2.84 -25.94	79.93 3.45 -38.21	83.38 3.36 -44.66	69.54 2.57 -39.39	42.06 2.34 -16.14	42.06 2.28 -19.44	37.60 1.54 -22.31
PORT_JEFF_4 23616	23.63 1.99 -2.52	21.57 1.66 -3.43	18.56 1.65 -0.70	17.60 1.61 -0.01	17.63 1.62 -0.01	20.17 1.85 -0.68	36.39 2.82 -6.99	50.70 2.85 -14.70	39.45 2.92 -5.42	36.39 2.86 -7.95	34.57 2.51 -8.79	32.99 2.69 -7.47	32.36 2.48 -8.54	32.99 2.56 -8.54	33.97 2.53 -9.59	33.97 2.61 -8.69	34.57 2.72 -7.30	60.37 2.84 -25.94	79.93 3.45 -38.21	83.38 3.36 -44.66	69.54 2.57 -39.39	42.06 2.34 -16.14	42.06 2.28 -19.44	37.60 1.54 -22.31
PORT_JEFF_IC 23713	23.67 2.03 -2.52	21.60 1.70 -3.43	18.59 1.69 -0.70	17.64 1.65 -0.01	17.66 1.65 -0.01	20.21 1.89 -0.68	37.24 2.92 -7.74	53.12 2.98 -16.99	40.34 3.05 -6.18	36.51 2.94 -7.99	34.68 2.58 -8.83	33.07 2.76 -7.49	32.44 2.54 -8.55	33.07 2.63 -8.56	34.06 2.60 -9.61	34.06 2.67 -8.71	34.71 2.82 -7.34	60.59 2.90 -26.10	80.23 3.52 -38.43	83.74 3.47 -44.92	69.83 2.62 -39.62	42.19 2.38 -16.22	42.19 2.32 -19.53	37.71 1.57 -22.39
PPL PILGRIM_ST_GT1 24216	23.56 1.91 -2.52	21.51 1.60 -3.43	18.51 1.60 -0.70	17.54 1.55 -0.01	17.58 1.57 -0.01	20.10 1.78 -0.68	32.50 2.68 -3.24	38.96 2.82 -3.00	35.29 2.86 -1.33	32.15 2.76 -3.81	30.18 2.47 -4.45	29.43 2.60 -4.00	29.22 2.39 -5.48	29.37 2.47 -5.01	29.63 2.47 -5.32	29.72 2.56 -4.49	30.30 2.72 -3.03	40.69 2.68 -6.42	50.59 3.22 -9.10	49.89 3.18 -11.35	39.56 2.62 -9.35	32.30 2.38 -6.34	31.18 2.20 -8.64	27.30 1.46 -12.08
PPL PILGRIM_ST_GT2 24217	23.56 1.91 -2.52	21.51 1.60 -3.43	18.51 1.60 -0.70	17.54 1.55 -0.01	17.58 1.57 -0.01	20.10 1.78 -0.68	32.50 2.68 -3.24	38.96 2.82 -3.00	35.29 2.86 -1.33	32.15 2.76 -3.81	30.18 2.47 -4.45	29.43 2.60 -4.00	29.22 2.39 -5.48	29.37 2.47 -5.01	29.63 2.47 -5.32	29.72 2.56 -4.49	30.30 2.72 -3.03	40.69 2.68 -6.42	50.59 3.22 -9.10	49.89 3.18 -11.35	39.56 2.62 -9.35	32.30 2.38 -6.34	31.18 2.20 -8.64	27.30 1.46 -12.08
PPL_SHRM_GT3 24213	23.86 2.22 -2.52	21.79 1.88 -3.43	18.76 1.86 -0.70	17.80 1.81 -0.01	17.83 1.82 -0.01	20.40 2.08 -0.68	36.89 3.22 -7.09	51.63 3.48 -15.01	40.11 3.48 -5.52	36.68 3.22 -7.88	34.87 2.88 -8.71	33.25 3.01 -7.41	32.60 2.77 -8.48	33.23 2.87 -8.47	34.22 2.86 -9.51	34.25 2.97 -8.61	34.96 3.19 -7.22	60.72 3.54 -25.59	80.25 4.29 -37.68	83.59 4.17 -44.07	69.61 3.17 -38.85	42.38 2.83 -15.96	42.15 2.56 -19.24	37.58 1.71 -22.12
PPL_SHRM_GT4 24214	23.86 2.22 -2.52	21.79 1.88 -3.43	18.76 1.86 -0.70	17.80 1.81 -0.01	17.83 1.82 -0.01	20.40 2.08 -0.68	36.89 3.22 -7.09	51.63 3.48 -15.01	40.11 3.48 -5.52	36.68 3.22 -7.88	34.87 2.88 -8.71	33.25 3.01 -7.41	32.60 2.77 -8.48	33.23 2.87 -8.47	34.22 2.86 -9.51	34.25 2.97 -8.61	34.96 3.19 -7.22	60.72 3.54 -25.59	80.25 4.29 -37.68	83.59 4.17 -44.07	69.61 3.17 -38.85	42.38 2.83 -15.96	42.15 2.56 -19.24	37.58 1.71 -22.12
PROJECT___ORANGE 1 24174	19.30 0.17 0.00	16.61 0.13 0.00	16.30 0.10 0.00	16.06 0.08 0.00	16.13 0.13 0.00	17.78 0.14 0.00	26.82 0.24 0.00	33.44 0.30 0.00	31.36 0.25 0.00	25.83 0.26 0.00	23.48 0.21 0.00	22.99 0.16 0.00	21.56 0.21 0.00	22.09 0.20 0.00	22.04 0.20 0.00	22.81 0.14 0.00	24.72 0.17 0.00	31.81 0.22 0.00	38.43 0.15 0.00	35.49 0.14 0.00	27.81 0.22 0.00	23.78 0.19 0.00	20.45 0.10 0.00	14.96 0.06 -1.15
PROJECT___ORANGE 2 24166	19.30 0.17 0.00	16.61 0.13 0.00	16.30 0.10 0.00	16.06 0.08 0.00	16.13 0.13 0.00	17.78 0.14 0.00	26.82 0.24 0.00	33.44 0.30 0.00	31.36 0.25 0.00	25.83 0.26 0.00	23.48 0.21 0.00	22.99 0.16 0.00	21.56 0.21 0.00	22.09 0.20 0.00	22.04 0.20 0.00	22.81 0.14 0.00	24.72 0.17 0.00	31.81 0.22 0.00	38.43 0.15 0.00	35.49 0.14 0.00	27.81 0.22 0.00	23.78 0.19 0.00	20.45 0.10 0.00	14.96 0.06 -1.15

PUCKETT___SOLAR 323809	20.10 0.98 0.00	17.28 0.81 0.00	16.93 0.73 0.00	16.68 0.70 0.00	16.76 0.75 0.00	18.47 0.83 0.00	28.02 1.43 0.00	35.00 1.86 0.00	32.66 1.55 0.00	26.86 1.28 0.00	24.34 1.07 0.00	23.78 0.96 0.00	22.33 0.98 0.00	22.88 0.99 0.00	22.83 0.98 0.00	23.67 1.00 0.00	25.70 1.15 0.00	33.17 1.58 0.00	40.12 1.84 0.00	37.19 1.84 0.00	29.08 1.49 0.00	24.79 1.20 0.00	21.30 0.96 0.00	16.85 0.58 -2.52
PYRITES___HYD 24023	18.96 -0.17 0.00	16.33 -0.15 0.00	16.04 -0.16 0.00	15.87 -0.11 0.00	15.79 -0.21 0.00	17.46 -0.18 0.00	26.56 -0.03 0.00	33.15 0.00 0.00	30.98 -0.12 0.00	25.32 -0.26 0.00	22.80 -0.47 0.00	22.30 -0.52 0.00	20.77 -0.58 0.00	21.26 -0.63 0.00	21.21 -0.63 0.00	22.04 -0.63 0.00	23.84 -0.71 0.00	30.83 -0.76 0.00	37.67 -0.61 0.00	34.75 -0.60 0.00	27.18 -0.41 0.00	23.49 -0.09 0.00	20.22 -0.12 0.00	13.81 -0.11 -0.16
QUAKERRD_115KV_BK1 80622	18.90 -0.23 0.00	16.26 -0.21 0.00	15.88 -0.32 0.00	15.65 -0.34 0.00	15.71 -0.29 0.00	17.34 -0.30 0.00	26.21 -0.37 0.00	32.58 -0.56 0.00	30.61 -0.50 0.00	25.35 -0.23 0.00	22.96 -0.30 0.00	22.44 -0.39 0.00	21.13 -0.21 0.00	21.63 -0.26 0.00	21.56 -0.28 0.00	22.29 -0.39 0.00	24.15 -0.39 0.00	31.15 -0.44 0.00	37.47 -0.80 0.00	34.65 -0.71 0.00	27.34 -0.25 0.00	23.40 -0.19 0.00	20.06 -0.28 0.00	14.89 -0.18 -1.32
QUENSBRY_115KV_TB8 356137	19.97 0.84 0.00	17.20 0.72 0.00	16.95 0.75 0.00	16.72 0.74 0.00	16.74 0.74 0.00	18.52 0.88 0.00	28.58 1.99 0.00	35.63 2.49 0.00	33.10 2.27 0.28	27.04 1.76 0.30	24.63 1.58 0.22	24.05 1.46 0.23	22.35 1.13 0.13	23.07 1.29 0.11	23.05 1.29 0.09	24.02 1.47 0.13	25.79 1.45 0.21	33.11 2.02 0.50	40.69 2.72 0.31	37.39 2.55 0.51	29.19 1.88 0.27	24.83 1.34 0.10	21.44 1.10 0.00	21.09 0.61 -6.73
RAMAPO___LBMP 323565	20.12 0.99 0.00	17.32 0.84 0.00	17.01 0.81 0.00	16.75 0.77 0.00	16.77 0.77 0.00	18.52 0.88 0.00	27.94 1.36 0.00	35.00 1.86 0.00	33.07 1.74 -0.22	27.27 1.46 -0.23	24.86 1.42 -0.17	24.51 1.51 -0.18	22.81 1.37 -0.10	23.40 1.42 -0.09	23.31 1.40 -0.07	24.25 1.47 -0.10	26.25 1.52 -0.18	33.89 1.86 -0.44	40.84 2.30 -0.27	37.99 2.19 -0.44	29.34 1.52 -0.24	24.99 1.32 -0.08	21.57 1.22 0.00	19.58 0.84 -4.99
RANKINE____ 23646	19.87 0.75 0.00	17.07 0.59 0.00	16.51 0.31 0.00	16.27 0.29 0.00	16.42 0.42 0.00	18.05 0.41 0.00	27.19 0.61 0.00	33.64 0.50 0.00	31.79 0.68 0.00	26.47 0.90 0.00	24.06 0.79 0.00	23.49 0.66 0.00	22.31 0.96 0.00	22.72 0.83 0.00	22.70 0.85 0.00	23.26 0.59 0.00	25.09 0.54 0.00	32.19 0.60 0.00	38.24 -0.04 0.00	35.35 0.00 0.00	28.39 0.80 0.00	24.32 0.73 0.00	20.92 0.57 0.00	15.45 0.10 -1.60
RAVENSWOOD_GT2_1 24244	20.21 1.07 -0.01	17.39 0.91 -0.01	17.16 0.94 -0.01	16.89 0.91 0.00	16.91 0.91 0.00	18.68 1.02 -0.01	28.17 1.54 -0.04	35.23 2.09 0.00	33.43 2.05 -0.27	27.55 1.64 -0.33	25.19 1.65 -0.27	24.91 1.80 -0.28	23.16 1.60 -0.21	23.74 1.66 -0.18	23.67 1.66 -0.16	24.60 1.75 -0.18	26.62 1.82 -0.25	34.21 2.08 -0.54	41.17 2.56 -0.33	38.27 2.37 -0.55	29.56 1.68 -0.29	25.22 1.46 -0.17	21.82 1.36 -0.11	20.22 0.96 -5.50
RAVENSWOOD_GT2_2 24245	20.21 1.07 -0.01	17.39 0.91 -0.01	17.16 0.94 -0.01	16.89 0.91 0.00	16.91 0.91 0.00	18.68 1.02 -0.01	28.17 1.54 -0.04	35.23 2.09 0.00	33.43 2.05 -0.27	27.55 1.64 -0.33	25.19 1.65 -0.27	24.91 1.80 -0.28	23.16 1.60 -0.21	23.74 1.66 -0.18	23.67 1.66 -0.16	24.60 1.75 -0.18	26.62 1.82 -0.25	34.21 2.08 -0.54	41.17 2.56 -0.33	38.27 2.37 -0.55	29.56 1.68 -0.29	25.22 1.46 -0.17	21.82 1.36 -0.11	20.22 0.96 -5.50
RAVENSWOOD_GT2_3 24246	20.21 1.07 -0.01	17.41 0.92 -0.01	17.16 0.94 -0.01	16.89 0.91 0.00	16.91 0.91 0.00	18.69 1.04 -0.01	28.17 1.54 -0.04	35.23 2.09 0.00	33.46 2.08 -0.27	27.55 1.64 -0.33	25.19 1.65 -0.27	24.91 1.80 -0.28	23.18 1.62 -0.21	23.74 1.66 -0.18	23.67 1.66 -0.16	24.60 1.75 -0.19	26.62 1.82 -0.25	34.21 2.08 -0.54	41.17 2.56 -0.33	38.30 2.40 -0.55	29.56 1.68 -0.29	25.24 1.49 -0.17	21.82 1.36 -0.11	20.22 0.96 -5.50
RAVENSWOOD_GT2_4 24247	20.21 1.07 -0.01	17.41 0.92 -0.01	17.16 0.94 -0.01	16.89 0.91 0.00	16.91 0.91 0.00	18.69 1.04 -0.01	28.17 1.54 -0.04	35.23 2.09 0.00	33.46 2.08 -0.27	27.55 1.64 -0.33	25.19 1.65 -0.27	24.91 1.80 -0.28	23.18 1.62 -0.21	23.74 1.66 -0.18	23.67 1.66 -0.16	24.60 1.75 -0.19	26.62 1.82 -0.25	34.21 2.08 -0.54	41.17 2.56 -0.33	38.30 2.40 -0.55	29.56 1.68 -0.29	25.24 1.49 -0.17	21.82 1.36 -0.11	20.22 0.96 -5.50
RAVENSWOOD_GT3_1 24248	20.21 1.07 -0.01	17.39 0.91 -0.01	17.16 0.94 -0.01	16.89 0.91 0.00	16.91 0.91 0.00	18.68 1.02 -0.01	28.14 1.52 -0.04	35.23 2.09 0.00	33.43 2.05 -0.27	27.55 1.64 -0.33	25.19 1.65 -0.27	24.91 1.80 -0.28	23.16 1.60 -0.21	23.74 1.66 -0.18	23.67 1.66 -0.16	24.60 1.75 -0.18	26.62 1.82 -0.25	34.21 2.08 -0.54	41.17 2.56 -0.33	38.27 2.37 -0.55	29.56 1.68 -0.29	25.22 1.46 -0.17	21.82 1.36 -0.11	20.22 0.96 -5.50
RAVENSWOOD_GT3_2 24249	20.21 1.07 -0.01	17.39 0.91 -0.01	17.16 0.94 -0.01	16.89 0.91 0.00	16.91 0.91 0.00	18.68 1.02 -0.01	28.14 1.52 -0.04	35.23 2.09 0.00	33.43 2.05 -0.27	27.55 1.64 -0.33	25.19 1.65 -0.27	24.91 1.80 -0.28	23.16 1.60 -0.21	23.74 1.66 -0.18	23.67 1.66 -0.16	24.60 1.75 -0.18	26.62 1.82 -0.25	34.21 2.08 -0.54	41.17 2.56 -0.33	38.27 2.37 -0.55	29.56 1.68 -0.29	25.22 1.46 -0.17	21.82 1.36 -0.11	20.22 0.96 -5.50
RAVENSWOOD_GT3_3 24250	20.23 1.09 -0.01	17.41 0.92 -0.01	17.17 0.96 -0.01	16.91 0.93 0.00	16.93 0.93 0.00	18.69 1.04 -0.01	28.19 1.57 -0.04	35.27 2.12 0.00	33.49 2.12 -0.27	27.57 1.66 -0.33	25.22 1.68 -0.27	24.93 1.83 -0.28	23.20 1.64 -0.21	23.78 1.71 -0.18	23.69 1.68 -0.16	24.63 1.77 -0.18	26.66 1.87 -0.25	34.24 2.12 -0.54	41.21 2.60 -0.33	38.34 2.44 -0.55	29.59 1.71 -0.29	25.24 1.49 -0.17	21.84 1.38 -0.11	20.23 0.98 -5.50
RAVENSWOOD_GT3_4 24251	20.23 1.09 -0.01	17.41 0.92 -0.01	17.17 0.96 -0.01	16.91 0.93 0.00	16.93 0.93 0.00	18.69 1.04 -0.01	28.19 1.57 -0.04	35.27 2.12 0.00	33.49 2.12 -0.27	27.57 1.66 -0.33	25.22 1.68 -0.27	24.93 1.83 -0.28	23.20 1.64 -0.21	23.78 1.71 -0.18	23.69 1.68 -0.16	24.63 1.77 -0.18	26.66 1.87 -0.25	34.24 2.12 -0.54	41.21 2.60 -0.33	38.34 2.44 -0.55	29.59 1.71 -0.29	25.24 1.49 -0.17	21.84 1.38 -0.11	20.23 0.98 -5.50
RAVENSWOOD_GT_1 23729	20.14 0.99 -0.01	17.33 0.84 -0.01	17.11 0.89 -0.01	16.91 0.93 0.00	16.91 0.91 0.00	18.62 0.97 -0.01	28.06 1.44 -0.04	35.10 1.96 0.00	33.34 1.96 -0.27	27.45 1.53 -0.33	25.12 1.58 -0.27	24.88 1.78 -0.28	23.14 1.58 -0.21	23.71 1.64 -0.18	23.64 1.64 -0.16	24.58 1.72 -0.18	26.57 1.77 -0.25	34.15 2.02 -0.54	41.10 2.49 -0.33	38.16 2.26 -0.55	29.45 1.57 -0.29	25.12 1.37 -0.17	21.75 1.30 -0.11	20.19 0.94 -5.50

RAVENSWOOD_GT_10 24258	20.21 1.07 -0.01	17.39 0.91 -0.01	17.16 0.94 -0.01	16.89 0.91 0.00	16.91 0.91 0.00	18.68 1.02 -0.01	28.17 1.54 -0.04	35.23 2.09 0.00	33.43 2.05 -0.27	27.55 1.64 -0.33	25.19 1.65 -0.27	24.91 1.80 -0.28	23.16 1.60 -0.21	23.74 1.66 -0.18	23.67 1.66 -0.16	24.60 1.75 -0.18	26.62 1.82 -0.25	34.21 2.08 -0.54	41.17 2.56 -0.33	38.27 2.37 -0.55	29.56 1.68 -0.29	25.22 1.46 -0.17	21.82 1.36 -0.11	20.22 0.96 -5.50
RAVENSWOOD_GT_11 24259	20.21 1.07 -0.01	17.39 0.91 -0.01	17.16 0.94 -0.01	16.89 0.91 0.00	16.91 0.91 0.00	18.68 1.02 -0.01	28.17 1.54 -0.04	35.23 2.09 0.00	33.43 2.05 -0.27	27.55 1.64 -0.33	25.19 1.65 -0.27	24.91 1.80 -0.28	23.16 1.60 -0.21	23.74 1.66 -0.18	23.67 1.66 -0.16	24.60 1.75 -0.18	26.62 1.82 -0.25	34.21 2.08 -0.54	41.17 2.56 -0.33	38.27 2.37 -0.55	29.56 1.68 -0.29	25.22 1.46 -0.17	21.82 1.36 -0.11	20.22 0.96 -5.50
RAVENSWOOD_GT_4 24252	20.21 1.07 -0.01	17.41 0.92 -0.01	17.16 0.94 -0.01	16.89 0.91 0.00	16.91 0.91 0.00	18.69 1.04 -0.01	28.17 1.54 -0.04	35.27 2.12 0.00	33.46 2.08 -0.27	27.55 1.64 -0.33	25.19 1.65 -0.27	24.91 1.80 -0.28	23.18 1.62 -0.21	23.74 1.66 -0.18	23.67 1.66 -0.16	24.60 1.75 -0.18	26.64 1.84 -0.25	34.21 2.08 -0.54	41.17 2.56 -0.33	38.30 2.40 -0.55	29.59 1.71 -0.29	25.24 1.49 -0.17	21.84 1.38 -0.11	20.23 0.98 -5.50
RAVENSWOOD_GT_5 24254	20.21 1.07 -0.01	17.41 0.92 -0.01	17.16 0.94 -0.01	16.89 0.91 0.00	16.91 0.91 0.00	18.69 1.04 -0.01	28.17 1.54 -0.04	35.27 2.12 0.00	33.46 2.08 -0.27	27.55 1.64 -0.33	25.19 1.65 -0.27	24.91 1.80 -0.28	23.18 1.62 -0.21	23.74 1.66 -0.18	23.67 1.66 -0.16	24.60 1.75 -0.18	26.64 1.84 -0.25	34.21 2.08 -0.54	41.17 2.56 -0.33	38.30 2.40 -0.55	29.59 1.71 -0.29	25.24 1.49 -0.17	21.84 1.38 -0.11	20.23 0.98 -5.50
RAVENSWOOD_GT_6 24253	20.21 1.07 -0.01	17.41 0.92 -0.01	17.16 0.94 -0.01	16.89 0.91 0.00	16.91 0.91 0.00	18.69 1.04 -0.01	28.17 1.54 -0.04	35.27 2.12 0.00	33.46 2.08 -0.27	27.55 1.64 -0.33	25.19 1.65 -0.27	24.91 1.80 -0.28	23.18 1.62 -0.21	23.74 1.66 -0.18	23.67 1.66 -0.16	24.60 1.75 -0.18	26.64 1.84 -0.25	34.21 2.08 -0.54	41.17 2.56 -0.33	38.30 2.40 -0.55	29.59 1.71 -0.29	25.24 1.49 -0.17	21.84 1.38 -0.11	20.23 0.98 -5.50
RAVENSWOOD_GT_7 24255	20.21 1.07 -0.01	17.41 0.92 -0.01	17.16 0.94 -0.01	16.89 0.91 0.00	16.91 0.91 0.00	18.69 1.04 -0.01	28.17 1.54 -0.04	35.27 2.12 0.00	33.46 2.08 -0.27	27.55 1.64 -0.33	25.19 1.65 -0.27	24.91 1.80 -0.28	23.18 1.62 -0.21	23.74 1.66 -0.18	23.67 1.66 -0.16	24.60 1.75 -0.18	26.64 1.84 -0.25	34.21 2.08 -0.54	41.17 2.56 -0.33	38.30 2.40 -0.55	29.59 1.71 -0.29	25.24 1.49 -0.17	21.84 1.38 -0.11	20.23 0.98 -5.50
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	20.21 1.07 -0.01	17.39 0.91 -0.01	17.16 0.94 -0.01	16.89 0.91 0.00	16.91 0.91 0.00	18.68 1.02 -0.01	28.17 1.54 -0.04	35.23 2.09 0.00	33.43 2.05 -0.27	27.55 1.64 -0.33	25.19 1.65 -0.27	24.91 1.80 -0.28	23.16 1.60 -0.21	23.74 1.66 -0.18	23.67 1.66 -0.16	24.60 1.75 -0.18	26.62 1.82 -0.25	34.21 2.08 -0.54	41.17 2.56 -0.33	38.27 2.37 -0.55	29.56 1.68 -0.29	25.22 1.46 -0.17	21.82 1.36 -0.11	20.22 0.96 -5.50
RAVENSWOOD_GT_9 24257	20.21 1.07 -0.01	17.39 0.91 -0.01	17.16 0.94 -0.01	16.89 0.91 0.00	16.91 0.91 0.00	18.68 1.02 -0.01	28.17 1.54 -0.04	35.23 2.09 0.00	33.43 2.05 -0.27	27.55 1.64 -0.33	25.19 1.65 -0.27	24.91 1.80 -0.28	23.16 1.60 -0.21	23.74 1.66 -0.18	23.67 1.66 -0.16	24.60 1.75 -0.18	26.62 1.82 -0.25	34.21 2.08 -0.54	41.17 2.56 -0.33	38.27 2.37 -0.55	29.56 1.68 -0.29	25.22 1.46 -0.17	21.82 1.36 -0.11	20.22 0.96 -5.50
RAVENSWOOD___1 23533	20.03 0.90 -0.01	17.30 0.81 -0.01	17.03 0.81 -0.01	16.91 0.93 0.00	16.91 0.91 0.00	18.61 0.97 -0.01	28.05 1.43 -0.04	35.09 1.96 0.01	33.34 1.96 -0.27	27.44 1.53 -0.33	25.12 1.58 -0.27	24.88 1.78 -0.28	23.14 1.58 -0.21	23.71 1.64 -0.18	23.65 1.64 -0.16	24.56 1.70 -0.18	26.54 1.74 -0.25	34.12 1.99 -0.54	41.10 2.49 -0.33	37.99 2.09 -0.55	29.44 1.57 -0.28	25.12 1.37 -0.16	21.73 1.28 -0.11	20.02 0.76 -5.51
RAVENSWOOD___2 23534	20.03 0.90 -0.01	17.30 0.81 -0.01	17.03 0.81 -0.01	16.91 0.93 0.00	16.91 0.91 0.00	18.61 0.97 -0.01	28.05 1.43 -0.04	35.09 1.96 0.01	33.34 1.96 -0.27	27.44 1.53 -0.33	25.12 1.58 -0.27	24.88 1.78 -0.28	23.14 1.58 -0.21	23.71 1.64 -0.18	23.65 1.64 -0.16	24.56 1.70 -0.18	26.54 1.74 -0.25	34.12 1.99 -0.54	41.10 2.49 -0.33	37.99 2.09 -0.55	29.44 1.57 -0.28	25.12 1.37 -0.16	21.73 1.28 -0.11	20.02 0.76 -5.51
RAVENSWOOD___3 23535	20.21 1.07 -0.01	17.39 0.91 -0.01	17.12 0.91 -0.01	16.89 0.91 0.00	16.91 0.91 0.00	18.68 1.02 -0.01	28.17 1.54 -0.04	35.23 2.09 0.00	33.46 2.08 -0.27	27.55 1.64 -0.33	25.19 1.65 -0.27	24.91 1.80 -0.28	23.16 1.60 -0.21	23.73 1.66 -0.18	23.67 1.66 -0.16	24.58 1.72 -0.19	26.59 1.79 -0.25	34.21 2.08 -0.54	41.17 2.56 -0.33	38.13 2.23 -0.55	29.56 1.68 -0.29	25.22 1.46 -0.17	21.79 1.34 -0.11	20.15 0.88 -5.51
RAVENSWOOD___4 23820	20.03 0.90 -0.01	17.30 0.81 -0.01	17.03 0.81 -0.01	16.91 0.93 0.00	16.91 0.91 0.00	18.61 0.97 -0.01	28.05 1.43 -0.04	35.09 1.96 0.01	33.34 1.96 -0.27	27.44 1.53 -0.33	25.12 1.58 -0.27	24.88 1.78 -0.28	23.14 1.58 -0.21	23.71 1.64 -0.18	23.65 1.64 -0.16	24.56 1.70 -0.18	26.54 1.74 -0.25	34.12 1.99 -0.54	41.10 2.49 -0.33	37.99 2.09 -0.55	29.44 1.57 -0.28	25.12 1.37 -0.16	21.73 1.28 -0.11	20.02 0.76 -5.51
RCPL_TRUST___DRP 24196	20.27 1.13 -0.01	17.44 0.96 -0.01	17.19 0.97 -0.01	16.93 0.94 0.00	16.96 0.96 0.00	18.75 1.09 -0.01	28.27 1.65 -0.04	35.37 2.22 0.00	33.59 2.21 -0.27	27.65 1.74 -0.33	25.28 1.75 -0.27	25.00 1.89 -0.28	23.26 1.71 -0.21	23.82 1.75 -0.18	23.75 1.75 -0.16	24.69 1.84 -0.18	26.74 1.94 -0.25	34.31 2.18 -0.54	41.33 2.72 -0.33	38.45 2.55 -0.55	29.65 1.77 -0.29	25.31 1.56 -0.17	21.89 1.44 -0.10	20.27 1.02 -5.50
RED___ROCHESTER 323720	19.61 0.48 0.00	16.87 0.39 0.00	16.43 0.23 0.00	16.17 0.19 0.00	16.24 0.24 0.00	17.92 0.28 0.00	27.14 0.56 0.00	33.74 0.60 0.00	31.76 0.65 0.00	26.32 0.74 0.00	23.85 0.58 0.00	23.28 0.46 0.00	21.99 0.64 0.00	22.48 0.59 0.00	22.41 0.57 0.00	23.13 0.45 0.00	25.11 0.57 0.00	32.19 0.60 0.00	38.66 0.38 0.00	36.20 0.85 0.00	28.28 0.69 0.00	24.20 0.61 0.00	20.71 0.37 0.00	15.20 0.11 -1.33
REGAN___SOLAR 323812	20.52 1.40 0.00	17.65 1.17 0.00	17.40 1.20 0.00	17.16 1.18 0.00	17.20 1.20 0.00	19.10 1.46 0.00	29.03 2.44 0.00	36.13 2.98 0.00	33.41 2.52 0.21	27.11 1.76 0.23	24.59 1.49 0.17	24.04 1.39 0.18	22.42 1.17 0.10	23.19 1.38 0.08	23.29 1.51 0.07	24.36 1.79 0.10	26.29 1.92 0.17	33.86 2.68 0.42	41.66 3.64 0.26	38.15 3.22 0.42	29.82 2.45 0.23	25.51 2.00 0.08	22.05 1.71 0.00	21.54 1.02 -6.77

RENSSELAER___COGEN 23796	19.42 0.29 0.00	16.82 0.35 0.00	16.59 0.39 0.00	16.43 0.45 0.00	16.42 0.42 0.00	18.06 0.42 0.00	27.20 0.61 0.00	33.81 0.66 0.00	31.44 0.62 0.29	25.73 0.46 0.31	23.50 0.47 0.23	23.06 0.48 0.24	21.62 0.40 0.13	22.24 0.46 0.11	22.22 0.46 0.09	23.06 0.52 0.13	24.86 0.54 0.23	31.76 0.73 0.56	38.89 0.96 0.34	35.56 0.78 0.57	27.89 0.61 0.30	23.93 0.45 0.11	20.83 0.49 0.00	20.61 0.29 -6.57
REPUBLIC_115KV_BARTNBRK 55605	20.77 1.65 0.00	17.88 1.40 0.00	17.58 1.38 0.00	17.36 1.37 0.00	17.36 1.36 0.00	19.28 1.64 0.00	29.77 3.19 0.00	37.16 4.01 0.00	34.47 3.64 0.28	28.17 2.89 0.30	25.65 2.61 0.22	24.97 2.37 0.23	22.86 1.64 0.13	23.62 1.84 0.11	23.59 1.84 0.09	24.65 2.11 0.13	26.52 2.18 0.21	34.15 3.06 0.51	42.14 4.17 0.31	39.04 4.21 0.52	30.52 3.20 0.27	25.94 2.45 0.10	22.28 1.93 0.00	21.56 1.07 -6.73
REVERE_CPPR_DRP 24186	19.78 0.65 0.00	16.99 0.51 0.00	16.72 0.52 0.00	16.48 0.50 0.00	16.47 0.46 0.00	18.20 0.56 0.00	27.65 1.06 0.00	34.60 1.46 0.00	32.23 1.12 0.00	26.32 0.74 0.00	23.90 0.63 0.00	23.40 0.57 0.00	21.88 0.53 0.00	22.39 0.50 0.00	22.35 0.50 0.00	23.24 0.57 0.00	25.28 0.74 0.00	32.76 1.17 0.00	39.85 1.57 0.00	36.84 1.48 0.00	28.75 1.16 0.00	24.65 1.06 0.00	21.08 0.73 0.00	14.68 0.43 -0.50
REYNOLDS_115KV_TB3 80639	19.61 0.48 0.00	16.95 0.48 0.00	16.74 0.53 0.00	16.53 0.54 0.00	16.55 0.54 0.00	18.22 0.58 0.00	27.43 0.85 0.00	34.14 0.99 0.00	31.71 0.93 0.33	25.91 0.69 0.36	23.67 0.67 0.27	23.23 0.68 0.28	21.79 0.60 0.15	22.41 0.66 0.13	22.42 0.68 0.10	23.27 0.75 0.15	25.07 0.79 0.27	31.99 1.04 0.64	39.18 1.30 0.40	35.94 1.24 0.66	28.10 0.86 0.35	24.10 0.64 0.12	21.02 0.67 0.00	20.73 0.40 -6.57
RIVERBAY____ 323610	20.19 1.05 -0.01	17.39 0.91 -0.01	17.17 0.96 -0.01	17.10 1.12 0.00	17.07 1.07 0.00	18.68 1.02 -0.01	28.00 1.41 -0.01	35.10 1.96 0.00	33.34 1.96 -0.27	27.36 1.48 -0.30	25.07 1.58 -0.22	24.84 1.78 -0.23	23.04 1.56 -0.14	23.63 1.62 -0.12	23.54 1.59 -0.10	24.51 1.70 -0.13	26.51 1.74 -0.22	34.12 1.99 -0.54	41.06 2.45 -0.33	38.13 2.23 -0.55	29.43 1.55 -0.29	25.14 1.44 -0.11	21.73 1.36 -0.02	20.16 0.98 -5.42
RIVERSDE_115KV_TB3 55908	19.51 0.38 0.00	16.89 0.41 0.00	16.67 0.47 0.00	16.48 0.50 0.00	16.48 0.48 0.00	18.15 0.51 0.00	27.33 0.74 0.00	33.97 0.83 0.00	31.60 0.81 0.31	25.83 0.59 0.34	23.60 0.58 0.25	23.16 0.59 0.26	21.72 0.51 0.14	22.34 0.57 0.12	22.32 0.57 0.10	23.16 0.63 0.14	24.96 0.66 0.25	31.87 0.88 0.60	39.06 1.15 0.37	35.80 1.06 0.61	27.98 0.72 0.33	24.01 0.54 0.12	20.94 0.59 0.00	20.67 0.33 -6.59
ROARING___BROOK_WT_PWR 323790	19.01 -0.11 0.00	16.36 -0.11 0.00	16.09 -0.11 0.00	15.85 -0.13 0.00	15.87 -0.13 0.00	17.48 -0.16 0.00	26.34 -0.24 0.00	32.88 -0.27 0.00	30.86 -0.25 0.00	25.45 -0.13 0.00	23.20 -0.07 0.00	22.73 -0.09 0.00	21.26 -0.09 0.00	21.80 -0.09 0.00	21.76 -0.09 0.00	22.63 -0.05 0.00	24.52 -0.02 0.00	31.59 0.00 0.00	38.28 0.00 0.00	35.28 -0.07 0.00	27.45 -0.14 0.00	23.35 -0.24 0.00	20.02 -0.33 0.00	13.47 -0.29 0.00
ROCHESRG_115KV_T4 355643	19.40 0.27 0.00	16.69 0.21 0.00	16.27 0.06 0.00	16.03 0.05 0.00	16.11 0.11 0.00	17.76 0.12 0.00	26.85 0.27 0.00	33.34 0.20 0.00	31.39 0.28 0.00	26.01 0.43 0.00	23.57 0.30 0.00	23.03 0.21 0.00	21.73 0.38 0.00	22.22 0.33 0.00	22.17 0.33 0.00	22.85 0.18 0.00	24.77 0.22 0.00	31.78 0.19 0.00	38.16 -0.11 0.00	35.28 -0.07 0.00	27.92 0.33 0.00	23.89 0.31 0.00	20.51 0.16 0.00	15.19 0.11 -1.33
ROCHESTER_9_IC 23652	19.51 0.38 0.00	16.77 0.30 0.00	16.35 0.15 0.00	16.13 0.14 0.00	16.19 0.19 0.00	17.85 0.21 0.00	27.01 0.43 0.00	33.58 0.43 0.00	31.61 0.50 0.00	26.19 0.61 0.00	23.73 0.47 0.00	23.19 0.37 0.00	21.88 0.53 0.00	22.37 0.48 0.00	22.30 0.46 0.00	22.99 0.32 0.00	24.92 0.37 0.00	32.00 0.41 0.00	38.43 0.15 0.00	35.53 0.18 0.00	28.11 0.52 0.00	24.04 0.45 0.00	20.63 0.28 0.00	15.27 0.18 -1.33
ROCKVIEW_13_KV_LD 356306	20.24 1.11 0.00	17.41 0.94 0.00	17.16 0.96 0.00	16.89 0.91 0.00	16.91 0.91 0.00	18.70 1.06 0.00	28.23 1.65 0.00	35.30 2.15 0.00	33.49 2.12 -0.27	27.61 1.74 -0.29	25.20 1.72 -0.22	24.90 1.85 -0.22	23.16 1.69 -0.12	23.70 1.71 -0.11	23.63 1.70 -0.08	24.59 1.79 -0.12	26.66 1.89 -0.22	34.31 2.18 -0.54	41.29 2.68 -0.33	38.48 2.58 -0.55	29.67 1.79 -0.29	25.25 1.56 -0.10	21.79 1.44 0.00	20.16 0.98 -5.43
ROME____115KV_TB2 80656	19.78 0.65 0.00	16.99 0.51 0.00	16.72 0.52 0.00	16.48 0.50 0.00	16.47 0.46 0.00	18.20 0.56 0.00	27.65 1.06 0.00	34.60 1.46 0.00	32.23 1.12 0.00	26.32 0.74 0.00	23.90 0.63 0.00	23.40 0.57 0.00	21.88 0.53 0.00	22.39 0.50 0.00	22.35 0.50 0.00	23.24 0.57 0.00	25.28 0.74 0.00	32.76 1.17 0.00	39.85 1.57 0.00	36.84 1.48 0.00	28.75 1.16 0.00	24.65 1.06 0.00	21.08 0.73 0.00	14.68 0.43 -0.50
ROSETON___1 23587	20.05 0.92 0.00	17.25 0.77 0.00	16.98 0.78 0.00	16.73 0.75 0.00	16.76 0.75 0.00	18.50 0.86 0.00	27.86 1.28 0.00	34.83 1.69 0.00	32.96 1.62 -0.24	27.16 1.33 -0.25	24.76 1.30 -0.19	24.41 1.39 -0.20	22.71 1.26 -0.11	23.30 1.31 -0.09	23.21 1.29 -0.07	24.14 1.36 -0.11	26.17 1.42 -0.19	33.76 1.70 -0.47	40.67 2.10 -0.29	37.71 1.87 -0.48	29.22 1.38 -0.26	24.88 1.20 -0.09	21.46 1.12 0.00	19.86 0.74 -5.36
ROSETON___2 23588	20.05 0.92 0.00	17.25 0.77 0.00	16.98 0.78 0.00	16.73 0.75 0.00	16.76 0.75 0.00	18.50 0.86 0.00	27.86 1.28 0.00	34.83 1.69 0.00	32.96 1.62 -0.24	27.16 1.33 -0.25	24.76 1.30 -0.19	24.41 1.39 -0.20	22.71 1.26 -0.11	23.30 1.31 -0.09	23.21 1.29 -0.07	24.14 1.36 -0.11	26.17 1.42 -0.19	33.76 1.70 -0.47	40.67 2.10 -0.29	37.71 1.87 -0.48	29.22 1.38 -0.26	24.88 1.20 -0.09	21.46 1.12 0.00	19.86 0.74 -5.36
ROTTTRDAM_115KV_TB3 80664	19.80 0.67 0.00	17.05 0.58 0.00	16.80 0.60 0.00	16.57 0.59 0.00	16.59 0.59 0.00	18.31 0.67 0.00	27.67 1.09 0.00	34.50 1.36 0.00	32.14 1.24 0.21	26.32 0.97 0.23	24.00 0.91 0.17	23.54 0.89 0.18	22.04 0.79 0.10	22.66 0.85 0.08	22.65 0.87 0.07	23.53 0.95 0.10	25.36 0.98 0.17	32.47 1.30 0.42	39.63 1.61 0.26	36.41 1.48 0.42	28.47 1.10 0.23	24.40 0.90 0.08	21.16 0.81 0.00	21.04 0.51 -6.77
RUSSELL___1 23602	19.59 0.46 0.00	16.84 0.36 0.00	16.40 0.19 0.00	16.17 0.19 0.00	16.24 0.24 0.00	17.92 0.28 0.00	27.14 0.56 0.00	33.74 0.60 0.00	31.76 0.65 0.00	26.32 0.74 0.00	23.85 0.58 0.00	23.28 0.46 0.00	21.99 0.64 0.00	22.48 0.59 0.00	22.41 0.57 0.00	23.10 0.43 0.00	25.06 0.52 0.00	32.19 0.60 0.00	38.66 0.38 0.00	35.74 0.39 0.00	28.28 0.69 0.00	24.18 0.59 0.00	20.71 0.37 0.00	15.32 0.23 -1.33

RUSSELL___2 23532	19.59 0.46 0.00	16.84 0.36 0.00	16.40 0.19 0.00	16.17 0.19 0.00	16.24 0.24 0.00	17.92 0.28 0.00	27.14 0.56 0.00	33.74 0.60 0.00	31.76 0.65 0.00	26.32 0.74 0.00	23.85 0.58 0.00	23.28 0.46 0.00	21.99 0.64 0.00	22.48 0.59 0.00	22.41 0.57 0.00	23.10 0.43 0.00	25.06 0.52 0.00	32.19 0.60 0.00	38.66 0.38 0.00	35.74 0.39 0.00	28.28 0.69 0.00	24.18 0.59 0.00	20.71 0.37 0.00	15.32 0.23 -1.33
RUSSELL___3 23549	19.59 0.46 0.00	16.84 0.36 0.00	16.40 0.19 0.00	16.17 0.19 0.00	16.24 0.24 0.00	17.92 0.28 0.00	27.14 0.56 0.00	33.74 0.60 0.00	31.76 0.65 0.00	26.32 0.74 0.00	23.85 0.58 0.00	23.28 0.46 0.00	21.99 0.64 0.00	22.48 0.59 0.00	22.41 0.57 0.00	23.10 0.43 0.00	25.06 0.52 0.00	32.19 0.60 0.00	38.66 0.38 0.00	35.74 0.39 0.00	28.28 0.69 0.00	24.18 0.59 0.00	20.71 0.37 0.00	15.32 0.23 -1.33
RUSSELL___4 23556	19.59 0.46 0.00	16.84 0.36 0.00	16.40 0.19 0.00	16.17 0.19 0.00	16.24 0.24 0.00	17.92 0.28 0.00	27.14 0.56 0.00	33.74 0.60 0.00	31.76 0.65 0.00	26.32 0.74 0.00	23.85 0.58 0.00	23.28 0.46 0.00	21.99 0.64 0.00	22.48 0.59 0.00	22.41 0.57 0.00	23.10 0.43 0.00	25.06 0.52 0.00	32.19 0.60 0.00	38.66 0.38 0.00	35.74 0.39 0.00	28.28 0.69 0.00	24.18 0.59 0.00	20.71 0.37 0.00	15.32 0.23 -1.33
RUSSELL___STATION 23914	19.59 0.46 0.00	16.84 0.36 0.00	16.40 0.19 0.00	16.17 0.19 0.00	16.24 0.24 0.00	17.92 0.28 0.00	27.14 0.56 0.00	33.74 0.60 0.00	31.76 0.65 0.00	26.32 0.74 0.00	23.85 0.58 0.00	23.28 0.46 0.00	21.99 0.64 0.00	22.48 0.59 0.00	22.41 0.57 0.00	23.10 0.43 0.00	25.06 0.52 0.00	32.19 0.60 0.00	38.66 0.38 0.00	35.74 0.39 0.00	28.28 0.69 0.00	24.18 0.59 0.00	20.71 0.37 0.00	15.32 0.23 -1.33
S SALMON___HYD 24043	19.13 0.00 0.00	16.46 -0.02 0.00	16.16 -0.05 0.00	15.93 -0.05 0.00	15.97 -0.03 0.00	17.62 -0.02 0.00	26.69 0.11 0.00	33.28 0.13 0.00	31.05 -0.06 0.00	25.48 -0.10 0.00	23.13 -0.14 0.00	22.64 -0.18 0.00	21.20 -0.15 0.00	21.71 -0.18 0.00	21.67 -0.18 0.00	22.45 -0.23 0.00	24.38 -0.17 0.00	31.46 -0.13 0.00	38.13 -0.15 0.00	35.32 -0.04 0.00	27.56 -0.03 0.00	23.56 -0.02 0.00	20.28 -0.06 0.00	14.62 -0.04 -0.90
S.PERRY___115KV_TB1 80734	20.30 1.17 0.00	17.45 0.97 0.00	16.95 0.75 0.00	16.72 0.74 0.00	16.83 0.83 0.00	18.57 0.93 0.00	28.28 1.70 0.00	35.20 2.05 0.00	32.94 1.84 0.00	27.19 1.61 0.00	24.57 1.30 0.00	23.90 1.07 0.00	22.56 1.22 0.00	23.09 1.20 0.00	23.05 1.20 0.00	23.78 1.11 0.00	25.82 1.28 0.00	33.36 1.77 0.00	40.19 1.91 0.00	37.16 1.80 0.00	29.44 1.85 0.00	25.14 1.56 0.00	21.44 1.10 0.00	15.98 0.61 -1.62
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	19.61 0.48 0.00	16.85 0.38 0.00	16.32 0.11 0.00	16.06 0.08 0.00	16.21 0.21 0.00	17.82 0.18 0.00	26.80 0.21 0.00	33.11 -0.03 0.00	31.33 0.22 0.00	26.09 0.51 0.00	23.73 0.47 0.00	23.15 0.32 0.00	21.99 0.64 0.00	22.42 0.53 0.00	22.39 0.55 0.00	22.94 0.27 0.00	24.74 0.20 0.00	31.68 0.09 0.00	37.59 -0.69 0.00	34.75 -0.60 0.00	27.98 0.39 0.00	23.99 0.40 0.00	20.65 0.31 0.00	15.35 0.03 -1.57
SAWYER___23_KV_LOAD 55526	19.61 0.48 0.00	16.85 0.38 0.00	16.32 0.11 0.00	16.06 0.08 0.00	16.21 0.21 0.00	17.82 0.18 0.00	26.80 0.21 0.00	33.11 -0.03 0.00	31.33 0.22 0.00	26.09 0.51 0.00	23.73 0.47 0.00	23.15 0.32 0.00	21.99 0.64 0.00	22.42 0.53 0.00	22.39 0.55 0.00	22.94 0.27 0.00	24.74 0.20 0.00	31.68 0.09 0.00	37.59 -0.69 0.00	34.75 -0.60 0.00	27.98 0.39 0.00	23.99 0.40 0.00	20.65 0.31 0.00	15.35 0.03 -1.57
SELKIRK___I 23801	19.70 0.57 0.00	17.02 0.54 0.00	16.79 0.58 0.00	16.57 0.59 0.00	16.60 0.59 0.00	18.26 0.62 0.00	27.51 0.93 0.00	34.21 1.06 0.00	31.96 1.03 0.17	26.18 0.79 0.19	23.87 0.74 0.14	23.43 0.75 0.15	21.93 0.66 0.08	22.54 0.72 0.07	22.54 0.74 0.05	23.39 0.79 0.08	25.24 0.84 0.14	32.35 1.11 0.34	39.49 1.42 0.21	36.24 1.24 0.35	28.37 0.97 0.18	24.30 0.78 0.07	21.08 0.73 0.00	20.70 0.47 -6.48
SELKIRK___II 23799	19.59 0.46 0.00	16.92 0.45 0.00	16.69 0.49 0.00	16.49 0.51 0.00	16.50 0.50 0.00	18.17 0.53 0.00	27.35 0.77 0.00	34.04 0.90 0.00	31.74 0.84 0.21	26.00 0.64 0.22	23.73 0.63 0.16	23.32 0.66 0.17	21.83 0.58 0.09	22.42 0.61 0.08	22.42 0.63 0.06	23.26 0.68 0.09	25.09 0.71 0.16	32.14 0.95 0.40	39.22 1.19 0.25	35.97 1.03 0.41	28.15 0.77 0.22	24.15 0.64 0.08	20.96 0.61 0.00	20.69 0.38 -6.55
SENECA OSWGO___HYD 24041	19.09 -0.04 0.00	16.44 -0.03 0.00	16.14 -0.06 0.00	15.90 -0.08 0.00	15.97 -0.03 0.00	17.59 -0.05 0.00	26.42 -0.16 0.00	32.95 -0.20 0.00	30.86 -0.25 0.00	25.43 -0.15 0.00	23.11 -0.16 0.00	22.62 -0.21 0.00	21.20 -0.15 0.00	21.74 -0.15 0.00	21.69 -0.15 0.00	22.49 -0.18 0.00	24.35 -0.20 0.00	31.37 -0.22 0.00	37.93 -0.35 0.00	35.11 -0.25 0.00	27.43 -0.16 0.00	23.40 -0.19 0.00	20.20 -0.14 0.00	14.69 -0.07 -1.01
SENECA___115KV_TB3 355854	19.91 0.78 0.00	17.10 0.63 0.00	16.53 0.32 0.00	16.30 0.32 0.00	16.45 0.45 0.00	18.08 0.44 0.00	27.25 0.66 0.00	33.71 0.56 0.00	31.86 0.75 0.00	26.52 0.95 0.00	24.10 0.84 0.00	23.53 0.71 0.00	22.35 1.00 0.00	22.77 0.88 0.00	22.74 0.90 0.00	23.31 0.63 0.00	25.14 0.59 0.00	32.25 0.66 0.00	38.32 0.04 0.00	35.42 0.07 0.00	28.45 0.86 0.00	24.37 0.78 0.00	20.96 0.61 0.00	15.46 0.11 -1.60
SENECA___ENERGY 23797	19.55 0.42 0.00	16.84 0.36 0.00	16.46 0.26 0.00	16.21 0.22 0.00	16.32 0.32 0.00	17.99 0.35 0.00	27.22 0.64 0.00	33.87 0.73 0.00	31.76 0.65 0.00	26.19 0.61 0.00	23.76 0.49 0.00	23.21 0.39 0.00	21.82 0.47 0.00	22.35 0.46 0.00	22.33 0.48 0.00	23.13 0.45 0.00	25.09 0.54 0.00	32.28 0.69 0.00	38.89 0.61 0.00	36.10 0.74 0.00	28.25 0.66 0.00	24.08 0.50 0.00	20.71 0.37 0.00	15.34 0.18 -1.40
SHOEMAKER___GT 23640	20.01 0.88 0.00	17.23 0.76 0.00	16.93 0.73 0.00	16.70 0.72 0.00	16.71 0.70 0.00	18.43 0.79 0.00	27.86 1.28 0.00	34.83 1.69 0.00	32.86 1.55 -0.20	27.07 1.28 -0.21	24.66 1.23 -0.16	24.29 1.30 -0.16	22.61 1.17 -0.09	23.19 1.23 -0.08	23.13 1.22 -0.06	24.03 1.27 -0.09	26.06 1.35 -0.16	33.65 1.67 -0.39	40.58 2.07 -0.24	37.59 1.84 -0.40	29.18 1.38 -0.21	24.87 1.20 -0.08	21.38 1.04 0.00	19.19 0.67 -4.76
SHOEMAKR_138KV_BK 111 55601	20.01 0.88 0.00	17.23 0.76 0.00	16.95 0.75 0.00	16.70 0.72 0.00	16.71 0.70 0.00	18.43 0.79 0.00	27.83 1.25 0.00	34.80 1.66 0.00	32.86 1.56 -0.19	27.06 1.28 -0.21	24.66 1.23 -0.15	24.26 1.28 -0.16	22.61 1.17 -0.09	23.19 1.23 -0.08	23.13 1.22 -0.06	24.03 1.27 -0.09	26.03 1.33 -0.16	33.65 1.67 -0.39	40.58 2.07 -0.24	37.69 1.94 -0.39	29.18 1.38 -0.21	24.82 1.16 -0.07	21.40 1.06 0.00	19.21 0.73 -4.73

SHOREHAM_IC_1 23715	23.86 2.22 -2.52	21.79 1.88 -3.43	18.76 1.86 -0.70	17.80 1.81 -0.01	17.83 1.82 -0.01	20.40 2.08 -0.68	36.89 3.22 -7.09	51.63 3.48 -15.01	40.11 3.48 -5.52	36.68 3.22 -7.88	34.87 2.88 -8.71	33.25 3.01 -7.41	32.60 2.77 -8.48	33.23 2.87 -8.47	34.22 2.86 -9.51	34.25 2.97 -8.61	34.96 3.19 -7.22	60.72 3.54 -25.59	80.25 4.29 -37.68	83.59 4.17 -44.07	69.61 3.17 -38.85	42.38 2.83 -15.96	42.15 2.56 -19.24	37.58 1.71 -22.12
SHOREHAM_IC_2 23716	23.86 2.22 -2.52	21.79 1.88 -3.43	18.76 1.86 -0.70	17.80 1.81 -0.01	17.83 1.82 -0.01	20.40 2.08 -0.68	36.89 3.22 -7.09	51.63 3.48 -15.01	40.11 3.48 -5.52	36.68 3.22 -7.88	34.87 2.88 -8.71	33.25 3.01 -7.41	32.60 2.77 -8.48	33.23 2.87 -8.47	34.22 2.86 -9.51	34.25 2.97 -8.61	34.96 3.19 -7.22	60.72 3.54 -25.59	80.25 4.29 -37.68	83.59 4.17 -44.07	69.61 3.17 -38.85	42.38 2.83 -15.96	42.15 2.56 -19.24	37.58 1.71 -22.12
SISSONVILLE____ 23735	18.76 -0.36 0.00	16.16 -0.31 0.00	15.88 -0.32 0.00	15.71 -0.27 0.00	15.65 -0.35 0.00	17.29 -0.35 0.00	26.21 -0.37 0.00	32.71 -0.43 0.00	30.64 -0.47 0.00	25.02 -0.56 0.00	22.50 -0.77 0.00	22.00 -0.82 0.00	20.47 -0.88 0.00	20.97 -0.92 0.00	20.91 -0.94 0.00	21.74 -0.93 0.00	23.49 -1.06 0.00	30.33 -1.26 0.00	37.01 -1.26 0.00	34.12 -1.24 0.00	26.71 -0.88 0.00	23.16 -0.42 0.00	20.00 -0.35 0.00	13.68 -0.25 -0.17
SITHE_IND_GS1 24169	18.84 -0.29 0.00	16.21 -0.26 0.00	15.93 -0.28 0.00	15.69 -0.29 0.00	15.75 -0.26 0.00	17.34 -0.30 0.00	26.05 -0.53 0.00	32.45 -0.70 0.00	30.42 -0.68 0.00	25.07 -0.51 0.00	22.78 -0.49 0.00	22.32 -0.50 0.00	20.92 -0.43 0.00	21.43 -0.46 0.00	21.39 -0.46 0.00	22.17 -0.50 0.00	24.01 -0.54 0.00	30.89 -0.70 0.00	37.36 -0.92 0.00	34.58 -0.78 0.00	27.01 -0.58 0.00	23.09 -0.50 0.00	19.92 -0.43 0.00	14.36 -0.25 -0.86
SITHE_IND_GS2 24170	18.84 -0.29 0.00	16.21 -0.26 0.00	15.93 -0.28 0.00	15.69 -0.29 0.00	15.75 -0.26 0.00	17.34 -0.30 0.00	26.05 -0.53 0.00	32.45 -0.70 0.00	30.42 -0.68 0.00	25.07 -0.51 0.00	22.78 -0.49 0.00	22.32 -0.50 0.00	20.92 -0.43 0.00	21.43 -0.46 0.00	21.39 -0.46 0.00	22.17 -0.50 0.00	24.01 -0.54 0.00	30.89 -0.70 0.00	37.36 -0.92 0.00	34.58 -0.78 0.00	27.01 -0.58 0.00	23.09 -0.50 0.00	19.92 -0.43 0.00	14.36 -0.25 -0.86
SITHE_IND_GS3 24171	18.84 -0.29 0.00	16.21 -0.26 0.00	15.93 -0.28 0.00	15.69 -0.29 0.00	15.75 -0.26 0.00	17.34 -0.30 0.00	26.05 -0.53 0.00	32.45 -0.70 0.00	30.42 -0.68 0.00	25.07 -0.51 0.00	22.78 -0.49 0.00	22.32 -0.50 0.00	20.92 -0.43 0.00	21.43 -0.46 0.00	21.39 -0.46 0.00	22.17 -0.50 0.00	24.01 -0.54 0.00	30.89 -0.70 0.00	37.36 -0.92 0.00	34.58 -0.78 0.00	27.01 -0.58 0.00	23.09 -0.50 0.00	19.92 -0.43 0.00	14.36 -0.25 -0.86
SITHE_IND_GS4 24172	18.84 -0.29 0.00	16.21 -0.26 0.00	15.93 -0.28 0.00	15.69 -0.29 0.00	15.75 -0.26 0.00	17.34 -0.30 0.00	26.05 -0.53 0.00	32.45 -0.70 0.00	30.42 -0.68 0.00	25.07 -0.51 0.00	22.78 -0.49 0.00	22.32 -0.50 0.00	20.92 -0.43 0.00	21.43 -0.46 0.00	21.39 -0.46 0.00	22.17 -0.50 0.00	24.01 -0.54 0.00	30.89 -0.70 0.00	37.36 -0.92 0.00	34.58 -0.78 0.00	27.01 -0.58 0.00	23.09 -0.50 0.00	19.92 -0.43 0.00	14.36 -0.25 -0.86
SITHE____BATAVIA 24024	19.91 0.78 0.00	17.15 0.68 0.00	16.62 0.42 0.00	16.33 0.35 0.00	16.45 0.45 0.00	18.12 0.48 0.00	27.30 0.72 0.00	33.81 0.66 0.00	31.89 0.78 0.00	26.50 0.92 0.00	23.99 0.72 0.00	23.37 0.55 0.00	22.18 0.83 0.00	22.63 0.74 0.00	22.61 0.76 0.00	23.19 0.52 0.00	25.23 0.69 0.00	32.28 0.69 0.00	38.55 0.27 0.00	36.41 1.06 0.00	28.47 0.88 0.00	24.39 0.80 0.00	20.94 0.59 0.00	15.40 0.19 -1.45
SITHE____INDEPEND 23800	18.82 -0.31 0.00	16.21 -0.26 0.00	15.91 -0.29 0.00	15.69 -0.29 0.00	15.75 -0.26 0.00	17.34 -0.30 0.00	26.05 -0.53 0.00	32.45 -0.70 0.00	30.42 -0.68 0.00	25.07 -0.51 0.00	22.78 -0.49 0.00	22.32 -0.50 0.00	20.92 -0.43 0.00	21.43 -0.46 0.00	21.39 -0.46 0.00	22.17 -0.50 0.00	24.01 -0.54 0.00	30.89 -0.69 0.00	37.36 -0.92 0.00	34.51 -0.85 0.00	27.01 -0.58 0.00	23.09 -0.50 0.00	19.90 -0.45 0.00	14.32 -0.29 -0.86
SITHE____MASSENA 23902	18.84 -0.29 0.00	16.24 -0.23 0.00	15.96 -0.24 0.00	15.77 -0.21 0.00	15.75 -0.26 0.00	17.36 -0.28 0.00	26.21 -0.37 0.00	32.65 -0.50 0.00	30.64 -0.47 0.00	25.20 -0.38 0.00	22.82 -0.44 0.00	22.35 -0.48 0.00	20.88 -0.47 0.00	21.39 -0.50 0.00	21.34 -0.50 0.00	22.15 -0.52 0.00	23.98 -0.56 0.00	30.89 -0.70 0.00	37.59 -0.69 0.00	34.65 -0.71 0.00	27.06 -0.53 0.00	23.26 -0.33 0.00	20.08 -0.27 0.00	13.56 -0.19 0.00
SITHE____OGDNSBRG 24021	18.96 -0.17 0.00	16.33 -0.15 0.00	16.04 -0.16 0.00	15.87 -0.11 0.00	15.79 -0.21 0.00	17.45 -0.19 0.00	26.48 -0.11 0.00	33.05 -0.10 0.00	30.92 -0.19 0.00	25.32 -0.26 0.00	22.85 -0.42 0.00	22.35 -0.48 0.00	20.83 -0.51 0.00	21.34 -0.55 0.00	21.30 -0.55 0.00	22.13 -0.54 0.00	23.96 -0.59 0.00	30.99 -0.60 0.00	37.82 -0.46 0.00	34.89 -0.46 0.00	27.29 -0.30 0.00	23.49 -0.09 0.00	20.22 -0.12 0.00	13.78 -0.11 -0.14
SITHE____STERLING 23777	19.70 0.57 0.00	16.94 0.46 0.00	16.67 0.47 0.00	16.43 0.45 0.00	16.43 0.43 0.00	18.15 0.51 0.00	27.51 0.93 0.00	34.44 1.29 0.00	32.10 1.00 0.00	26.24 0.66 0.00	23.85 0.58 0.00	23.35 0.53 0.00	21.84 0.49 0.00	22.37 0.48 0.00	22.33 0.48 0.00	23.22 0.54 0.00	25.23 0.69 0.00	32.66 1.07 0.00	39.70 1.42 0.00	36.70 1.34 0.00	28.64 1.05 0.00	24.41 0.83 0.00	21.02 0.67 0.00	14.73 0.40 -0.57
SLEIGHT__34_KV_TB1 80719	19.26 0.13 0.00	16.57 0.10 0.00	16.20 0.00 0.00	15.97 -0.02 0.00	16.05 0.05 0.00	17.71 0.07 0.00	26.80 0.21 0.00	33.38 0.23 0.00	31.33 0.22 0.00	25.91 0.33 0.00	23.48 0.21 0.00	22.94 0.11 0.00	21.58 0.23 0.00	22.09 0.20 0.00	22.02 0.17 0.00	22.76 0.09 0.00	24.67 0.12 0.00	31.84 0.25 0.00	38.35 0.08 0.00	35.42 0.07 0.00	27.89 0.30 0.00	23.87 0.28 0.00	20.45 0.10 0.00	15.14 0.06 -1.33
SOUTH CAIRO____GT 23612	19.91 0.78 0.00	17.25 0.77 0.00	16.98 0.78 0.00	16.83 0.85 0.00	16.80 0.80 0.00	18.49 0.85 0.00	28.04 1.46 0.00	34.83 1.69 0.00	32.50 1.52 0.13	26.51 1.07 0.14	24.14 0.98 0.11	23.58 0.87 0.11	22.03 0.75 0.06	22.71 0.88 0.05	22.70 0.90 0.04	23.61 1.00 0.06	25.57 1.13 0.10	33.20 1.86 0.25	40.58 2.45 0.15	37.25 2.16 0.26	28.97 1.52 0.14	24.76 1.23 0.05	21.28 0.94 0.00	20.55 0.56 -6.23
SOUTH HAMPTN____IC 23720	24.21 2.56 -2.52	22.08 2.17 -3.43	19.06 2.16 -0.70	18.08 2.09 -0.01	18.11 2.10 -0.01	20.70 2.38 -0.68	37.30 3.83 -6.89	51.80 4.28 -14.38	40.68 4.26 -5.31	37.30 3.84 -7.88	35.48 3.49 -8.72	33.80 3.56 -7.42	33.12 3.29 -8.49	33.75 3.37 -8.49	34.73 3.36 -9.52	34.79 3.49 -8.63	35.53 3.76 -7.23	61.58 4.36 -25.63	81.20 5.17 -37.75	84.51 5.02 -44.14	70.34 3.83 -38.92	42.97 3.40 -15.98	42.54 2.93 -19.27	37.83 1.93 -22.15

SOUTHDOW_115KV_TB1 355954	20.66 1.53 0.00	17.71 1.24 0.00	17.08 0.87 0.00	16.81 0.83 0.00	17.01 1.01 0.00	18.70 1.06 0.00	28.36 1.78 0.00	35.37 2.22 0.00	33.29 2.18 0.00	27.70 2.12 0.00	25.15 1.88 0.00	24.54 1.71 0.00	23.31 1.96 0.00	23.73 1.84 0.00	23.68 1.84 0.00	24.24 1.56 0.00	26.14 1.60 0.00	33.74 2.15 0.00	40.31 2.03 0.00	37.23 1.87 0.00	29.60 2.01 0.00	25.26 1.67 0.00	21.61 1.26 0.00	15.80 0.39 -1.66
SOUTHOLD_69_KV_BK 2 55809	24.44 2.79 -2.52	22.28 2.37 -3.43	19.27 2.37 -0.70	18.25 2.27 0.00	18.29 2.29 0.00	20.91 2.59 -0.68	37.59 4.12 -6.89	52.27 4.74 -14.39	41.08 4.67 -5.31	37.60 4.14 -7.88	35.78 3.79 -8.72	34.08 3.83 -7.42	33.36 3.52 -8.49	33.99 3.61 -8.48	35.00 3.63 -9.52	35.08 3.79 -8.62	35.88 4.10 -7.23	62.14 4.93 -25.62	81.76 5.74 -37.74	85.10 5.62 -44.12	70.79 4.30 -38.89	43.15 3.59 -15.98	42.86 3.26 -19.26	38.01 2.15 -22.11
SOUTHOLD___IC 23719	24.44 2.79 -2.52	22.28 2.37 -3.43	19.27 2.37 -0.70	18.26 2.27 -0.01	18.30 2.29 -0.01	20.91 2.59 -0.68	37.59 4.12 -6.89	52.27 4.74 -14.39	41.08 4.66 -5.31	37.60 4.14 -7.88	35.78 3.79 -8.72	34.08 3.83 -7.42	33.36 3.52 -8.49	33.98 3.61 -8.48	35.00 3.63 -9.52	35.06 3.76 -8.62	35.88 4.10 -7.23	62.05 4.83 -25.62	81.75 5.74 -37.74	84.99 5.51 -44.12	70.71 4.22 -38.90	43.27 3.70 -15.98	42.80 3.19 -19.26	37.99 2.09 -22.14
SPIERFLS_115KV_TB 1 80737	19.87 0.75 0.00	17.12 0.64 0.00	16.87 0.66 0.00	16.64 0.66 0.00	16.66 0.66 0.00	18.43 0.79 0.00	28.42 1.83 0.00	35.43 2.29 0.00	32.92 2.08 0.28	26.87 1.59 0.30	24.49 1.44 0.22	23.92 1.32 0.23	22.27 1.05 0.13	22.96 1.18 0.11	22.94 1.18 0.09	23.91 1.36 0.13	25.64 1.30 0.21	32.92 1.83 0.50	40.46 2.49 0.31	37.14 2.30 0.51	29.00 1.68 0.27	24.69 1.20 0.10	21.34 1.00 0.00	21.04 0.55 -6.73
ST LAWRENCE____ 23600	18.69 -0.44 0.00	16.10 -0.38 0.00	15.83 -0.37 0.00	15.65 -0.34 0.00	15.62 -0.38 0.00	17.22 -0.42 0.00	25.97 -0.61 0.00	32.35 -0.80 0.00	30.39 -0.71 0.00	24.99 -0.59 0.00	22.66 -0.61 0.00	22.21 -0.62 0.00	20.75 -0.60 0.00	21.28 -0.61 0.00	21.23 -0.61 0.00	22.04 -0.63 0.00	23.86 -0.69 0.00	30.74 -0.85 0.00	37.36 -0.92 0.00	34.43 -0.92 0.00	26.87 -0.72 0.00	23.05 -0.54 0.00	19.88 -0.47 0.00	13.44 -0.32 0.00
STATE_CA_115KV_115_LB 55624	19.49 0.36 0.00	16.89 0.41 0.00	16.66 0.45 0.00	16.48 0.50 0.00	16.48 0.48 0.00	18.13 0.49 0.00	27.30 0.72 0.00	33.91 0.76 0.00	31.52 0.72 0.30	25.81 0.56 0.33	23.58 0.56 0.24	23.12 0.55 0.25	21.68 0.47 0.14	22.30 0.53 0.12	22.30 0.55 0.09	23.12 0.59 0.14	24.98 0.66 0.23	31.92 0.88 0.56	39.08 1.15 0.34	35.85 1.06 0.57	28.01 0.72 0.30	24.02 0.54 0.11	20.94 0.59 0.00	20.69 0.32 -6.62
STATE_ST_34_KV_LOAD 55959	19.68 0.55 0.00	16.94 0.46 0.00	16.59 0.39 0.00	16.35 0.37 0.00	16.45 0.45 0.00	18.12 0.48 0.00	27.59 1.01 0.00	34.44 1.29 0.00	32.20 1.09 0.00	26.55 0.97 0.00	24.08 0.81 0.00	23.53 0.71 0.00	22.09 0.75 0.00	22.63 0.74 0.00	22.59 0.74 0.00	23.40 0.73 0.00	25.36 0.81 0.00	32.69 1.11 0.00	39.46 1.19 0.00	36.45 1.10 0.00	28.61 1.02 0.00	24.30 0.71 0.00	20.85 0.51 0.00	15.44 0.29 -1.40
STATION 5_MISC_HYD 23604	19.53 0.40 0.00	16.80 0.33 0.00	16.38 0.18 0.00	16.13 0.14 0.00	16.20 0.19 0.00	17.85 0.21 0.00	27.01 0.42 0.00	33.57 0.43 0.00	31.61 0.50 0.00	26.19 0.61 0.00	23.73 0.47 0.00	23.19 0.36 0.00	21.88 0.53 0.00	22.37 0.48 0.00	22.31 0.46 0.00	23.01 0.34 0.00	24.99 0.44 0.00	32.03 0.44 0.00	38.43 0.15 0.00	35.99 0.64 0.00	28.11 0.52 0.00	24.06 0.47 0.00	20.63 0.28 0.00	15.14 0.06 -1.33
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	19.63 0.50 0.00	16.87 0.40 0.00	16.48 0.28 0.00	16.24 0.26 0.00	16.32 0.32 0.00	18.01 0.37 0.00	27.25 0.66 0.00	33.91 0.76 0.00	31.82 0.72 0.00	26.32 0.74 0.00	23.83 0.56 0.00	23.28 0.46 0.00	21.92 0.58 0.00	22.44 0.55 0.00	22.37 0.52 0.00	23.10 0.43 0.00	25.09 0.54 0.00	32.28 0.69 0.00	38.89 0.61 0.00	35.92 0.57 0.00	28.31 0.72 0.00	24.25 0.66 0.00	20.77 0.43 0.00	15.35 0.25 -1.35
STA_56_34_KV_BUS2_REV_LBMP_B 345033	19.51 0.38 0.00	16.77 0.30 0.00	16.35 0.15 0.00	16.13 0.14 0.00	16.18 0.18 0.00	17.87 0.23 0.00	27.06 0.48 0.00	33.64 0.50 0.00	31.67 0.56 0.00	26.24 0.67 0.00	23.78 0.51 0.00	23.21 0.39 0.00	21.90 0.56 0.00	22.39 0.50 0.00	22.33 0.48 0.00	23.04 0.36 0.00	24.99 0.44 0.00	31.81 0.22 0.00	38.24 -0.04 0.00	35.35 0.00 0.00	27.95 0.36 0.00	23.89 0.31 0.00	20.49 0.14 0.00	15.18 0.10 -1.33
STA_56___34_KV_BUS2 355983	19.51 0.38 0.00	16.77 0.30 0.00	16.35 0.15 0.00	16.13 0.14 0.00	16.18 0.18 0.00	17.87 0.23 0.00	27.06 0.48 0.00	33.64 0.50 0.00	31.67 0.56 0.00	26.24 0.67 0.00	23.78 0.51 0.00	23.21 0.39 0.00	21.90 0.56 0.00	22.39 0.50 0.00	22.33 0.48 0.00	23.04 0.36 0.00	24.99 0.44 0.00	31.81 0.22 0.00	38.24 -0.04 0.00	35.35 0.00 0.00	27.95 0.36 0.00	23.89 0.31 0.00	20.49 0.14 0.00	15.18 0.10 -1.33
STA_67___115KV_BK2 355882	19.47 0.34 0.00	16.74 0.26 0.00	16.32 0.11 0.00	16.09 0.11 0.00	16.16 0.16 0.00	17.82 0.18 0.00	26.96 0.37 0.00	33.48 0.33 0.00	31.51 0.40 0.00	26.12 0.54 0.00	23.69 0.42 0.00	23.12 0.30 0.00	21.84 0.49 0.00	22.31 0.42 0.00	22.26 0.42 0.00	22.94 0.27 0.00	24.87 0.32 0.00	31.91 0.32 0.00	38.35 0.08 0.00	35.42 0.07 0.00	28.06 0.47 0.00	23.99 0.40 0.00	20.59 0.24 0.00	15.24 0.15 -1.33
STA_7___115KV_9TRANS 80674	19.59 0.46 0.00	16.84 0.36 0.00	16.40 0.19 0.00	16.17 0.19 0.00	16.24 0.24 0.00	17.92 0.28 0.00	27.14 0.56 0.00	33.74 0.60 0.00	31.76 0.65 0.00	26.32 0.74 0.00	23.85 0.58 0.00	23.28 0.46 0.00	21.99 0.64 0.00	22.48 0.59 0.00	22.41 0.57 0.00	23.10 0.43 0.00	25.06 0.52 0.00	32.19 0.60 0.00	38.66 0.38 0.00	35.74 0.39 0.00	28.28 0.69 0.00	24.18 0.59 0.00	20.71 0.37 0.00	15.32 0.23 -1.33
STA_82___115KV_TB1 80780	19.49 0.36 0.00	16.76 0.28 0.00	16.33 0.13 0.00	16.11 0.13 0.00	16.18 0.18 0.00	17.83 0.19 0.00	26.98 0.40 0.00	33.51 0.36 0.00	31.54 0.44 0.00	26.14 0.56 0.00	23.71 0.44 0.00	23.15 0.32 0.00	21.86 0.51 0.00	22.33 0.44 0.00	22.28 0.44 0.00	22.97 0.29 0.00	24.89 0.34 0.00	31.94 0.35 0.00	38.35 0.08 0.00	35.46 0.11 0.00	28.06 0.47 0.00	24.01 0.42 0.00	20.59 0.24 0.00	15.26 0.17 -1.34
STEEL___WIND 323596	19.91 0.78 0.00	17.15 0.68 0.00	16.59 0.39 0.00	16.29 0.30 0.00	16.43 0.43 0.00	18.06 0.42 0.00	27.22 0.64 0.00	33.67 0.53 0.00	31.82 0.72 0.00	26.50 0.92 0.00	24.08 0.81 0.00	23.51 0.68 0.00	22.31 0.96 0.00	22.74 0.85 0.00	22.72 0.87 0.00	23.29 0.61 0.00	25.23 0.69 0.00	32.25 0.66 0.00	38.28 0.00 0.00	36.20 0.85 0.00	28.42 0.83 0.00	24.29 0.71 0.00	20.94 0.59 0.00	15.52 0.17 -1.60

STEPHTWN_115KV_BK_2 55603	19.63 0.50 0.00	17.00 0.53 0.00	16.77 0.57 0.00	16.59 0.61 0.00	16.59 0.59 0.00	18.27 0.64 0.00	27.57 0.98 0.00	34.27 1.13 0.00	31.88 1.06 0.29	26.09 0.82 0.31	23.80 0.77 0.23	23.31 0.73 0.24	21.83 0.62 0.13	22.48 0.70 0.11	22.46 0.70 0.09	23.33 0.79 0.13	25.15 0.83 0.23	32.20 1.17 0.56	39.47 1.53 0.34	36.17 1.38 0.57	28.25 0.97 0.30	24.23 0.75 0.11	21.10 0.75 0.00	20.74 0.41 -6.57
STEUBEN_REC_LFGE 323667	20.43 1.30 0.00	17.55 1.07 0.00	17.03 0.83 0.00	16.77 0.78 0.00	16.95 0.94 0.00	18.66 1.02 0.00	28.34 1.75 0.00	35.23 2.09 0.00	33.01 1.90 0.00	27.34 1.76 0.00	24.78 1.51 0.00	24.15 1.32 0.00	22.80 1.45 0.00	23.31 1.42 0.00	23.29 1.44 0.00	23.97 1.29 0.00	25.92 1.37 0.00	33.42 1.83 0.00	40.08 1.80 0.00	37.02 1.66 0.00	29.41 1.82 0.00	25.14 1.56 0.00	21.48 1.14 0.00	16.08 0.45 -1.87
STILLWATER___SOLAR 323814	19.95 0.82 0.00	17.20 0.72 0.00	16.95 0.75 0.00	16.72 0.74 0.00	16.74 0.74 0.00	18.49 0.85 0.00	28.18 1.60 0.00	35.13 1.99 0.00	32.66 1.84 0.28	26.68 1.41 0.30	24.32 1.28 0.23	23.82 1.23 0.24	22.26 1.05 0.13	22.92 1.14 0.11	22.92 1.16 0.09	23.84 1.29 0.13	25.60 1.28 0.22	32.80 1.74 0.53	40.21 2.26 0.33	36.90 2.09 0.54	28.85 1.55 0.29	24.66 1.18 0.10	21.36 1.02 0.00	21.08 0.61 -6.72
STONY___BROOK 24151	23.65 2.01 -2.52	21.59 1.68 -3.43	18.59 1.69 -0.70	17.62 1.63 -0.01	17.64 1.63 -0.01	20.19 1.87 -0.68	38.03 3.00 -8.44	55.42 3.11 -19.16	41.20 3.17 -6.92	36.78 3.02 -8.18	34.98 2.67 -9.03	33.29 2.83 -7.63	32.63 2.60 -8.68	33.26 2.67 -8.71	34.30 2.66 -9.79	34.31 2.74 -8.89	34.98 2.90 -7.54	61.63 3.06 -26.97	81.73 3.71 -39.74	85.41 3.64 -46.42	71.32 2.76 -40.97	42.75 2.50 -16.67	42.70 2.34 -20.02	38.18 1.57 -22.86
STURGEON_POOL_HYD 23609	20.18 1.05 0.00	17.35 0.87 0.00	17.06 0.86 0.00	16.81 0.83 0.00	16.82 0.82 0.00	18.57 0.93 0.00	27.89 1.30 0.00	34.90 1.76 0.00	33.01 1.80 -0.09	27.14 1.46 -0.10	24.76 1.42 -0.07	24.43 1.53 -0.08	22.78 1.39 -0.04	23.35 1.42 -0.04	23.29 1.42 -0.03	24.19 1.47 -0.04	26.20 1.57 -0.08	33.71 1.93 -0.19	40.77 2.37 -0.12	37.81 2.26 -0.19	29.21 1.52 -0.10	24.99 1.37 -0.04	21.57 1.22 0.00	20.04 0.80 -5.49
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	20.08 0.96 0.00	17.28 0.81 0.00	17.00 0.79 0.00	16.73 0.75 0.00	16.75 0.75 0.00	18.50 0.86 0.00	27.86 1.28 0.00	34.87 1.72 0.00	32.93 1.62 -0.20	27.13 1.33 -0.22	24.73 1.30 -0.16	24.37 1.37 -0.17	22.68 1.24 -0.09	23.28 1.31 -0.08	23.22 1.31 -0.06	24.13 1.36 -0.09	26.14 1.42 -0.17	33.73 1.74 -0.41	40.67 2.14 -0.25	37.82 2.05 -0.41	29.25 1.43 -0.22	24.94 1.27 -0.08	21.51 1.16 0.00	19.42 0.80 -4.87
SWANROAD_115KV_TB1 355699	19.30 0.17 0.00	16.61 0.13 0.00	15.96 -0.24 0.00	15.84 -0.14 0.00	15.99 -0.02 0.00	17.57 -0.07 0.00	26.21 -0.37 0.00	32.32 -0.83 0.00	30.61 -0.50 0.00	25.50 -0.08 0.00	23.17 -0.09 0.00	22.62 -0.21 0.00	21.50 0.15 0.00	21.91 0.02 0.00	21.89 0.04 0.00	22.42 -0.25 0.00	24.18 -0.37 0.00	30.93 -0.66 0.00	36.63 -1.65 0.00	33.87 -1.48 0.00	27.34 -0.25 0.00	23.47 -0.12 0.00	20.22 -0.12 0.00	15.12 -0.17 -1.53
SYNERGY___BIOGAS 323694	19.91 0.78 0.00	17.15 0.68 0.00	16.62 0.42 0.00	16.33 0.35 0.00	16.45 0.45 0.00	18.12 0.48 0.00	27.30 0.72 0.00	33.81 0.66 0.00	31.89 0.78 0.00	26.50 0.92 0.00	23.99 0.72 0.00	23.37 0.55 0.00	22.18 0.83 0.00	22.63 0.74 0.00	22.61 0.76 0.00	23.19 0.52 0.00	25.23 0.69 0.00	32.28 0.69 0.00	38.55 0.27 0.00	36.41 1.06 0.00	28.47 0.88 0.00	24.39 0.80 0.00	20.94 0.59 0.00	15.40 0.19 -1.45
SYRACUSE___ENERGY_ST1 323597	19.45 0.33 0.00	16.74 0.26 0.00	16.43 0.23 0.00	16.19 0.21 0.00	16.26 0.26 0.00	17.92 0.28 0.00	27.01 0.43 0.00	33.71 0.56 0.00	31.58 0.47 0.00	26.01 0.43 0.00	23.62 0.35 0.00	23.12 0.30 0.00	21.69 0.34 0.00	22.24 0.35 0.00	22.17 0.33 0.00	22.97 0.29 0.00	24.89 0.34 0.00	32.03 0.44 0.00	38.70 0.42 0.00	35.74 0.39 0.00	28.00 0.41 0.00	23.96 0.38 0.00	20.59 0.24 0.00	15.15 0.15 -1.24
SYRACUSE___ENERGY_ST2 323598	19.45 0.33 0.00	16.74 0.26 0.00	16.43 0.23 0.00	16.19 0.21 0.00	16.26 0.26 0.00	17.92 0.28 0.00	27.01 0.43 0.00	33.71 0.56 0.00	31.58 0.47 0.00	26.01 0.43 0.00	23.62 0.35 0.00	23.12 0.30 0.00	21.69 0.34 0.00	22.24 0.35 0.00	22.17 0.33 0.00	22.97 0.29 0.00	24.89 0.34 0.00	32.03 0.44 0.00	38.70 0.42 0.00	35.74 0.39 0.00	28.00 0.41 0.00	23.96 0.38 0.00	20.59 0.24 0.00	15.15 0.15 -1.24
SYRACUSE___POWER 24017	19.38 0.25 0.00	16.67 0.20 0.00	16.37 0.16 0.00	16.13 0.14 0.00	16.19 0.19 0.00	17.85 0.21 0.00	26.96 0.37 0.00	33.61 0.46 0.00	31.48 0.37 0.00	25.94 0.36 0.00	23.57 0.30 0.00	23.08 0.25 0.00	21.65 0.30 0.00	22.17 0.28 0.00	22.13 0.28 0.00	22.92 0.25 0.00	24.82 0.27 0.00	31.97 0.38 0.00	38.62 0.34 0.00	35.67 0.32 0.00	27.95 0.36 0.00	23.89 0.31 0.00	20.53 0.18 0.00	15.11 0.11 -1.25
TALLMAN__138KV_BK151 55660	20.16 1.03 0.00	17.35 0.87 0.00	17.05 0.84 0.00	16.78 0.80 0.00	16.80 0.80 0.00	18.56 0.92 0.00	27.97 1.38 0.00	35.07 1.92 0.00	33.10 1.77 -0.22	27.32 1.51 -0.23	24.91 1.47 -0.17	24.56 1.55 -0.18	22.85 1.41 -0.10	23.44 1.47 -0.09	23.38 1.46 -0.07	24.29 1.52 -0.10	26.30 1.57 -0.18	33.95 1.93 -0.43	40.95 2.41 -0.26	38.09 2.30 -0.44	29.40 1.57 -0.23	25.06 1.39 -0.08	21.63 1.28 0.00	19.60 0.88 -4.97
TEALLAVE_115KV_TB7 355573	19.28 0.15 0.00	16.59 0.12 0.00	16.28 0.08 0.00	16.05 0.06 0.00	16.11 0.11 0.00	17.76 0.12 0.00	26.80 0.21 0.00	33.38 0.23 0.00	31.30 0.19 0.00	25.78 0.20 0.00	23.43 0.16 0.00	22.94 0.11 0.00	21.52 0.17 0.00	22.07 0.18 0.00	22.00 0.15 0.00	22.79 0.11 0.00	24.67 0.12 0.00	31.78 0.19 0.00	38.39 0.11 0.00	35.46 0.11 0.00	27.78 0.19 0.00	23.73 0.14 0.00	20.41 0.06 0.00	14.94 0.04 -1.14
TELGRAPH_34_KV_EAST 80808	19.66 0.54 0.00	16.92 0.44 0.00	16.32 0.11 0.00	16.16 0.18 0.00	16.27 0.27 0.00	17.92 0.28 0.00	26.90 0.32 0.00	33.24 0.10 0.00	31.42 0.31 0.00	26.14 0.56 0.00	23.71 0.44 0.00	23.12 0.30 0.00	21.97 0.62 0.00	22.39 0.50 0.00	22.37 0.52 0.00	22.92 0.25 0.00	24.79 0.25 0.00	31.78 0.19 0.00	37.78 -0.50 0.00	34.96 -0.39 0.00	28.06 0.47 0.00	24.08 0.50 0.00	20.69 0.35 0.00	15.36 0.12 -1.48
TEMPLE___115KV_TB 2 55572	19.30 0.17 0.00	16.61 0.13 0.00	16.30 0.10 0.00	16.06 0.08 0.00	16.13 0.13 0.00	17.78 0.14 0.00	26.82 0.24 0.00	33.44 0.30 0.00	31.36 0.25 0.00	25.83 0.26 0.00	23.48 0.21 0.00	22.99 0.16 0.00	21.56 0.21 0.00	22.09 0.20 0.00	22.04 0.20 0.00	22.81 0.14 0.00	24.72 0.17 0.00	31.81 0.22 0.00	38.43 0.15 0.00	35.49 0.14 0.00	27.81 0.22 0.00	23.78 0.19 0.00	20.45 0.10 0.00	14.96 0.06 -1.15

TIANA____69_KV_BK 1 55817	24.11 2.47 -2.52	22.00 2.09 -3.43	18.98 2.07 -0.70	18.00 2.01 0.00	18.02 2.02 0.00	20.61 2.29 -0.68	37.11 3.64 -6.89	51.57 4.04 -14.39	40.46 4.04 -5.31	37.12 3.66 -7.88	35.31 3.33 -8.72	33.64 3.40 -7.42	32.97 3.14 -8.49	33.61 3.24 -8.48	34.60 3.23 -9.52	34.65 3.36 -8.62	35.41 3.63 -7.23	61.48 4.26 -25.62	80.95 4.94 -37.74	84.36 4.88 -44.13	70.21 3.72 -38.89	42.66 3.09 -15.98	42.48 2.87 -19.26	37.79 1.93 -22.11
TILDEN____115KV_TB1 80814	19.38 0.25 0.00	16.67 0.20 0.00	16.37 0.16 0.00	16.13 0.14 0.00	16.19 0.19 0.00	17.85 0.21 0.00	26.96 0.37 0.00	33.61 0.46 0.00	31.48 0.37 0.00	25.94 0.36 0.00	23.57 0.30 0.00	23.08 0.25 0.00	21.65 0.30 0.00	22.17 0.28 0.00	22.13 0.28 0.00	22.92 0.25 0.00	24.82 0.27 0.00	31.97 0.38 0.00	38.62 0.34 0.00	35.67 0.32 0.00	27.95 0.36 0.00	23.89 0.31 0.00	20.53 0.18 0.00	15.11 0.11 -1.25
TRIGEN____CC 323695	23.10 1.45 -2.52	21.13 1.22 -3.43	18.13 1.23 -0.70	17.18 1.20 0.00	17.20 1.20 0.00	19.69 1.38 -0.68	30.87 2.07 -2.21	35.50 2.35 0.00	33.74 2.36 -0.27	30.30 2.15 -2.57	28.44 2.02 -3.15	27.92 2.15 -2.95	27.85 1.94 -4.56	27.83 1.99 -3.95	27.86 1.99 -4.03	27.98 2.09 -3.22	28.50 2.21 -1.75	34.62 2.50 -0.54	41.56 2.95 -0.33	39.65 2.97 -1.32	30.03 2.15 -0.29	28.79 1.82 -3.39	27.49 1.75 -5.39	23.94 1.21 -8.97
TRINITY__115KV__ 4 BK 55933	19.43 0.31 0.00	16.84 0.36 0.00	16.62 0.42 0.00	16.45 0.46 0.00	16.43 0.43 0.00	18.08 0.44 0.00	27.25 0.66 0.00	33.84 0.70 0.00	31.50 0.68 0.30	25.75 0.49 0.32	23.54 0.51 0.24	23.08 0.50 0.25	21.64 0.43 0.14	22.25 0.48 0.12	22.26 0.50 0.09	23.08 0.54 0.14	24.88 0.56 0.23	31.78 0.76 0.57	38.93 1.00 0.35	35.73 0.95 0.58	27.92 0.63 0.31	23.95 0.47 0.11	20.87 0.53 0.00	20.62 0.29 -6.58
UNION____PROCESSING_DRP 323587	19.49 0.36 0.00	16.77 0.30 0.00	16.33 0.13 0.00	16.11 0.13 0.00	16.18 0.18 0.00	17.85 0.21 0.00	27.01 0.43 0.00	33.54 0.40 0.00	31.58 0.47 0.00	26.17 0.59 0.00	23.71 0.44 0.00	23.17 0.34 0.00	21.86 0.51 0.00	22.35 0.46 0.00	22.28 0.44 0.00	22.99 0.32 0.00	24.89 0.34 0.00	31.97 0.38 0.00	38.39 0.11 0.00	35.46 0.11 0.00	28.09 0.50 0.00	24.01 0.42 0.00	20.61 0.26 0.00	15.26 0.17 -1.34
UPPER HUDSON____HYD 24058	19.87 0.75 0.00	17.10 0.63 0.00	16.87 0.66 0.00	16.64 0.66 0.00	16.66 0.66 0.00	18.43 0.79 0.00	28.42 1.83 0.00	35.43 2.29 0.00	32.92 2.08 0.28	26.87 1.59 0.30	24.49 1.44 0.22	23.92 1.32 0.23	22.27 1.05 0.13	22.96 1.18 0.11	22.94 1.18 0.09	23.91 1.36 0.13	25.64 1.30 0.21	32.92 1.83 0.50	40.46 2.49 0.31	37.07 2.23 0.51	29.00 1.68 0.27	24.81 1.32 0.10	21.32 0.98 0.00	21.09 0.60 -6.73
UPPER RAQUET____HYD 24056	18.76 -0.36 0.00	16.16 -0.31 0.00	15.88 -0.32 0.00	15.71 -0.27 0.00	15.65 -0.35 0.00	17.29 -0.35 0.00	26.21 -0.37 0.00	32.71 -0.43 0.00	30.64 -0.47 0.00	25.02 -0.56 0.00	22.50 -0.77 0.00	22.00 -0.82 0.00	20.47 -0.88 0.00	20.97 -0.92 0.00	20.91 -0.94 0.00	21.74 -0.93 0.00	23.47 -1.08 0.00	30.32 -1.26 0.00	37.02 -1.26 0.00	34.08 -1.27 0.00	26.71 -0.88 0.00	23.12 -0.47 0.00	20.00 -0.35 0.00	13.67 -0.26 -0.17
VALLEY44_115KV_TB2 355964	20.18 1.05 0.00	17.32 0.84 0.00	16.69 0.49 0.00	16.45 0.46 0.00	16.61 0.61 0.00	18.26 0.62 0.00	27.65 1.06 0.00	34.37 1.23 0.00	32.26 1.15 0.00	26.91 1.33 0.00	24.41 1.14 0.00	23.83 1.00 0.00	22.56 1.22 0.00	23.03 1.14 0.00	22.98 1.14 0.00	23.58 0.91 0.00	25.38 0.83 0.00	32.69 1.11 0.00	39.08 0.80 0.00	36.17 0.81 0.00	28.83 1.24 0.00	24.65 1.06 0.00	21.16 0.81 0.00	15.37 -0.07 -1.68
VALLEY____115KV_TB 1-4 80826	19.47 0.34 0.00	16.77 0.30 0.00	16.51 0.31 0.00	16.27 0.29 0.00	16.27 0.27 0.00	17.97 0.34 0.00	27.04 0.45 0.00	33.71 0.56 0.00	31.64 0.53 0.00	25.96 0.38 0.00	23.64 0.37 0.00	23.17 0.34 0.00	21.67 0.32 0.00	22.20 0.31 0.00	22.15 0.31 0.00	22.99 0.32 0.00	24.89 0.34 0.00	32.06 0.47 0.00	38.85 0.57 0.00	35.88 0.53 0.00	28.00 0.41 0.00	24.06 0.47 0.00	20.71 0.37 0.00	14.12 0.23 -0.13
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	20.28 1.15 0.00	17.43 0.96 0.00	17.18 0.97 0.00	16.93 0.94 0.00	16.91 0.91 0.00	18.66 1.02 0.00	28.44 1.86 0.00	35.60 2.45 0.00	33.32 2.21 0.00	27.32 1.74 0.00	24.87 1.61 0.00	24.40 1.57 0.00	22.82 1.47 0.00	23.36 1.47 0.00	23.29 1.44 0.00	24.17 1.50 0.00	26.19 1.64 0.00	33.77 2.18 0.00	40.96 2.68 0.00	37.86 2.51 0.00	29.58 1.99 0.00	25.19 1.60 0.00	21.65 1.30 0.00	17.88 0.83 -3.30
VISCHER____FERRY HYD 24020	19.78 0.65 0.00	17.05 0.58 0.00	16.82 0.62 0.00	16.60 0.62 0.00	16.63 0.62 0.00	18.35 0.71 0.00	27.70 1.12 0.00	34.54 1.39 0.00	32.05 1.28 0.34	26.19 0.97 0.36	23.90 0.91 0.27	23.46 0.91 0.28	21.98 0.79 0.16	22.61 0.85 0.13	22.62 0.87 0.10	23.47 0.95 0.16	25.28 1.01 0.27	32.26 1.33 0.66	39.56 1.68 0.41	36.17 1.48 0.67	28.36 1.13 0.36	24.38 0.92 0.13	21.16 0.81 0.00	20.93 0.52 -6.66
V_A_10_SYNC_DSASP 323832	19.32 0.19 0.00	16.66 0.18 0.00	16.16 -0.05 0.00	15.87 -0.11 0.00	15.99 -0.02 0.00	17.59 -0.05 0.00	26.42 -0.16 0.00	32.65 -0.50 0.00	30.89 -0.22 0.00	25.71 0.13 0.00	23.38 0.12 0.00	22.83 0.00 0.00	21.62 0.28 0.00	22.06 0.17 0.00	22.04 0.20 0.00	22.63 -0.05 0.00	24.52 -0.02 0.00	31.30 -0.28 0.00	37.13 -1.15 0.00	35.14 -0.21 0.00	27.59 0.00 0.00	23.63 0.05 0.00	20.39 0.04 0.00	15.03 -0.19 -1.47
V_CMM_10_SYNC_DSASP 323787	18.75 -0.38 0.00	16.15 -0.33 0.00	15.88 -0.32 0.00	15.69 -0.29 0.00	15.67 -0.34 0.00	17.27 -0.37 0.00	26.05 -0.53 0.00	32.45 -0.70 0.00	30.49 -0.62 0.00	25.07 -0.51 0.00	22.73 -0.53 0.00	22.28 -0.55 0.00	20.81 -0.53 0.00	21.34 -0.55 0.00	21.30 -0.55 0.00	22.11 -0.57 0.00	23.93 -0.61 0.00	30.83 -0.76 0.00	37.47 -0.81 0.00	34.54 -0.81 0.00	26.98 -0.61 0.00	23.14 -0.45 0.00	19.96 -0.39 0.00	13.48 -0.27 0.00
V_CMP_10_SYNC_DSASP 323788	19.38 0.25 0.00	16.69 0.21 0.00	16.37 0.16 0.00	16.22 0.24 0.00	16.16 0.16 0.00	17.89 0.25 0.00	27.17 0.58 0.00	33.97 0.83 0.00	31.92 0.81 0.00	26.37 0.79 0.00	23.90 0.63 0.00	23.35 0.53 0.00	21.84 0.49 0.00	22.35 0.46 0.00	22.33 0.48 0.00	23.17 0.50 0.00	25.14 0.59 0.00	32.41 0.82 0.00	39.47 1.19 0.00	36.27 0.92 0.00	28.28 0.69 0.00	24.18 0.59 0.00	20.67 0.32 0.00	13.92 0.17 0.00
V_E_10_SYNC_DSASP 323830	20.98 1.85 0.00	18.01 1.53 0.00	17.66 1.46 0.00	17.39 1.41 0.00	17.41 1.41 0.00	19.24 1.60 0.00	29.61 3.03 0.00	37.19 4.04 0.00	34.44 3.33 0.00	28.03 2.46 0.00	25.36 2.09 0.00	24.72 1.89 0.00	23.18 1.84 0.00	23.69 1.80 0.00	23.64 1.79 0.00	24.60 1.93 0.00	26.83 2.28 0.00	34.84 3.25 0.00	42.33 4.06 0.00	39.24 3.89 0.00	30.62 3.03 0.00	25.97 2.38 0.00	22.18 1.83 0.00	17.30 1.10 -2.45

V_F_30_NSYNC___DSASP 323816	19.97 0.84 0.00	17.22 0.74 0.00	16.97 0.76 0.00	16.75 0.77 0.00	16.76 0.75 0.00	18.52 0.88 0.00	28.23 1.65 0.00	35.20 2.06 0.00	32.73 1.90 0.27	26.74 1.46 0.29	24.40 1.35 0.22	23.87 1.28 0.23	22.31 1.09 0.13	22.98 1.20 0.11	22.96 1.20 0.08	23.88 1.34 0.13	25.66 1.32 0.21	32.84 1.77 0.51	40.26 2.30 0.32	36.88 2.05 0.52	28.88 1.57 0.28	24.76 1.27 0.10	21.38 1.04 0.00	21.14 0.66 -6.73
V_F_30_SYNC_DSASP 323786	19.49 0.36 0.00	16.89 0.41 0.00	16.66 0.45 0.00	16.48 0.50 0.00	16.48 0.48 0.00	18.13 0.49 0.00	27.30 0.72 0.00	33.91 0.76 0.00	31.52 0.72 0.30	25.82 0.56 0.33	23.58 0.56 0.24	23.12 0.55 0.25	21.66 0.45 0.14	22.30 0.53 0.12	22.30 0.55 0.09	23.12 0.59 0.14	24.98 0.66 0.23	31.92 0.88 0.56	39.08 1.15 0.34	35.85 1.06 0.57	28.01 0.72 0.30	24.02 0.54 0.11	20.94 0.59 0.00	20.68 0.32 -6.61
V_XM_10_SYNC_DSASP 323789	19.38 0.25 0.00	16.69 0.21 0.00	16.37 0.16 0.00	16.22 0.24 0.00	16.16 0.16 0.00	17.89 0.25 0.00	27.17 0.58 0.00	33.97 0.83 0.00	31.92 0.81 0.00	26.37 0.79 0.00	23.90 0.63 0.00	23.35 0.53 0.00	21.84 0.49 0.00	22.35 0.46 0.00	22.33 0.48 0.00	23.17 0.50 0.00	25.14 0.59 0.00	32.41 0.82 0.00	39.47 1.19 0.00	36.27 0.92 0.00	28.28 0.69 0.00	24.18 0.59 0.00	20.67 0.32 0.00	13.92 0.17 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	20.20 1.07 0.00	17.38 0.91 0.00	17.08 0.87 0.00	16.81 0.83 0.00	16.83 0.83 0.00	18.59 0.95 0.00	28.05 1.46 0.00	35.13 1.99 0.00	33.19 1.87 -0.22	27.37 1.56 -0.23	24.95 1.51 -0.17	24.60 1.60 -0.18	22.90 1.45 -0.10	23.49 1.51 -0.09	23.42 1.51 -0.07	24.36 1.59 -0.10	26.37 1.64 -0.18	34.04 2.02 -0.43	41.07 2.53 -0.27	38.20 2.40 -0.44	29.48 1.66 -0.23	25.11 1.44 -0.08	21.67 1.32 0.00	19.64 0.91 -4.98
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	20.27 1.13 -0.01	17.44 0.96 -0.01	17.19 0.97 -0.01	16.93 0.94 0.00	16.96 0.96 0.00	18.75 1.09 -0.01	28.27 1.65 -0.04	35.37 2.22 0.00	33.59 2.21 -0.27	27.65 1.74 -0.33	25.28 1.75 -0.27	25.00 1.89 -0.28	23.26 1.71 -0.21	23.82 1.75 -0.18	23.75 1.75 -0.16	24.69 1.84 -0.18	26.74 1.94 -0.25	34.31 2.18 -0.54	41.33 2.72 -0.33	38.45 2.55 -0.55	29.65 1.77 -0.29	25.31 1.56 -0.17	21.89 1.44 -0.10	20.27 1.02 -5.50
W50THST__13_KV_LOAD 356117	20.37 1.22 -0.01	17.53 1.04 -0.01	17.27 1.05 -0.01	17.00 1.02 0.00	17.03 1.02 0.00	18.82 1.16 -0.01	28.41 1.78 -0.04	35.56 2.42 0.00	33.77 2.40 -0.27	27.80 1.89 -0.33	25.42 1.88 -0.27	25.16 2.05 -0.28	23.39 1.84 -0.21	23.97 1.90 -0.18	23.88 1.88 -0.16	24.83 1.97 -0.18	26.88 2.09 -0.25	34.53 2.40 -0.54	41.56 2.95 -0.33	38.62 2.72 -0.55	29.78 1.90 -0.29	25.43 1.67 -0.17	21.99 1.55 -0.10	20.34 1.09 -5.50
WADING RIVER_IC_1 23522	23.86 2.22 -2.52	21.77 1.86 -3.43	18.76 1.86 -0.70	17.80 1.81 -0.01	17.82 1.81 -0.01	20.38 2.06 -0.68	36.70 3.24 -6.87	50.99 3.51 -14.33	39.92 3.51 -5.29	36.73 3.25 -7.91	34.92 2.91 -8.75	33.30 3.04 -7.44	32.65 2.80 -8.51	33.29 2.89 -8.51	34.28 2.88 -9.55	34.32 2.99 -8.65	34.99 3.19 -7.26	60.91 3.57 -25.75	80.49 4.29 -37.92	83.86 4.17 -44.34	69.88 3.20 -39.10	42.46 2.83 -16.04	42.24 2.56 -19.33	37.65 1.69 -22.21
WADING RIVER_IC_2 23547	23.86 2.22 -2.52	21.77 1.86 -3.43	18.76 1.86 -0.70	17.80 1.81 -0.01	17.82 1.81 -0.01	20.38 2.06 -0.68	36.70 3.24 -6.87	50.99 3.51 -14.33	39.92 3.51 -5.29	36.73 3.25 -7.91	34.92 2.91 -8.75	33.30 3.04 -7.44	32.65 2.80 -8.51	33.29 2.89 -8.51	34.28 2.88 -9.55	34.32 2.99 -8.65	34.99 3.19 -7.26	60.91 3.57 -25.75	80.49 4.29 -37.92	83.86 4.17 -44.34	69.88 3.20 -39.10	42.46 2.83 -16.04	42.24 2.56 -19.33	37.65 1.69 -22.21
WADING RIVER_IC_3 23601	23.86 2.22 -2.52	21.77 1.86 -3.43	18.76 1.86 -0.70	17.80 1.81 -0.01	17.82 1.81 -0.01	20.38 2.06 -0.68	36.70 3.24 -6.87	50.99 3.51 -14.33	39.92 3.51 -5.29	36.73 3.25 -7.91	34.92 2.91 -8.75	33.30 3.04 -7.44	32.65 2.80 -8.51	33.29 2.89 -8.51	34.28 2.88 -9.55	34.32 2.99 -8.65	34.99 3.19 -7.26	60.91 3.57 -25.75	80.49 4.29 -37.92	83.86 4.17 -44.34	69.88 3.20 -39.10	42.46 2.83 -16.04	42.24 2.56 -19.33	37.65 1.69 -22.21
WALDENNY_12_KV_BK2 80841	19.87 0.75 0.00	17.07 0.59 0.00	16.50 0.29 0.00	16.27 0.29 0.00	16.42 0.42 0.00	18.05 0.41 0.00	27.19 0.61 0.00	33.64 0.50 0.00	31.79 0.68 0.00	26.47 0.90 0.00	24.06 0.79 0.00	23.49 0.66 0.00	22.31 0.96 0.00	22.72 0.83 0.00	22.70 0.85 0.00	23.26 0.59 0.00	25.09 0.54 0.00	32.19 0.60 0.00	38.24 -0.04 0.00	35.35 0.00 0.00	28.39 0.80 0.00	24.32 0.73 0.00	20.89 0.55 0.00	15.45 0.11 -1.59
WALDEN___HYDRO 24148	20.16 1.03 0.00	17.35 0.87 0.00	17.05 0.84 0.00	16.81 0.83 0.00	16.82 0.82 0.00	18.57 0.93 0.00	28.02 1.43 0.00	35.03 1.89 0.00	33.04 1.74 -0.19	27.19 1.41 -0.20	24.79 1.37 -0.15	24.42 1.44 -0.16	22.74 1.30 -0.09	23.32 1.36 -0.07	23.26 1.35 -0.06	24.19 1.43 -0.09	26.23 1.52 -0.16	33.89 1.93 -0.38	40.92 2.41 -0.23	37.90 2.16 -0.38	29.37 1.57 -0.20	25.03 1.37 -0.07	21.57 1.22 0.00	19.69 0.78 -5.15
WARRENSBURG___ 23737	19.87 0.75 0.00	17.10 0.63 0.00	16.87 0.66 0.00	16.64 0.66 0.00	16.66 0.66 0.00	18.43 0.79 0.00	28.42 1.83 0.00	35.43 2.29 0.00	32.92 2.08 0.28	26.87 1.59 0.30	24.49 1.44 0.22	23.92 1.32 0.23	22.27 1.05 0.13	22.96 1.18 0.11	22.94 1.18 0.09	23.91 1.36 0.13	25.64 1.30 0.21	32.92 1.83 0.50	40.46 2.49 0.31	37.07 2.23 0.51	29.00 1.68 0.27	24.81 1.32 0.10	21.32 0.98 0.00	21.09 0.60 -6.73
WATERSIDE___6 8 9 23538	20.14 0.99 -0.01	17.33 0.84 -0.01	17.11 0.89 -0.01	16.91 0.93 0.00	16.91 0.91 0.00	18.62 0.97 -0.01	28.06 1.44 -0.04	35.10 1.96 0.00	33.34 1.96 -0.27	27.45 1.53 -0.33	25.12 1.58 -0.27	24.88 1.78 -0.28	23.14 1.58 -0.21	23.71 1.64 -0.18	23.64 1.64 -0.16	24.58 1.72 -0.18	26.57 1.77 -0.25	34.15 2.02 -0.54	41.10 2.49 -0.33	38.16 2.26 -0.55	29.45 1.57 -0.29	25.12 1.37 -0.17	21.75 1.30 -0.11	20.19 0.94 -5.50
WATKINRD_115KV_LN8_ILLION 55919	19.38 0.25 0.00	16.69 0.21 0.00	16.43 0.23 0.00	16.21 0.22 0.00	16.21 0.21 0.00	17.89 0.25 0.00	26.93 0.35 0.00	33.61 0.46 0.00	31.51 0.40 0.00	25.89 0.31 0.00	23.55 0.28 0.00	23.10 0.27 0.00	21.58 0.23 0.00	22.13 0.24 0.00	22.09 0.24 0.00	22.92 0.25 0.00	24.84 0.29 0.00	31.97 0.38 0.00	38.78 0.50 0.00	35.81 0.46 0.00	27.95 0.36 0.00	23.94 0.35 0.00	20.61 0.26 0.00	14.05 0.17 -0.13
WATSON___69_KV_BK 1 55734	23.73 2.08 -2.52	21.67 1.76 -3.43	18.65 1.75 -0.70	17.68 1.69 0.00	17.70 1.70 0.00	20.26 1.94 -0.68	34.15 2.98 -4.59	43.58 3.22 -7.22	37.14 3.24 -2.79	33.74 3.02 -5.15	31.84 2.72 -5.85	30.79 2.85 -5.12	30.41 2.60 -6.46	30.73 2.69 -6.14	31.22 2.69 -6.69	31.30 2.79 -5.84	31.95 2.99 -4.41	47.70 3.41 -12.70	60.61 3.87 -18.47	61.35 3.92 -22.08	49.66 3.06 -19.01	35.65 2.57 -9.49	34.92 2.46 -12.12	30.75 1.65 -15.34

WDELAWARE___HYD 323627	20.33 1.21 0.00	17.48 1.01 0.00	17.16 0.96 0.00	16.92 0.94 0.00	16.91 0.91 0.00	18.66 1.02 0.00	28.10 1.51 0.00	35.17 2.02 0.00	33.07 1.83 -0.12	27.17 1.46 -0.13	24.74 1.37 -0.10	24.37 1.44 -0.10	22.73 1.32 -0.06	23.32 1.38 -0.05	23.26 1.38 -0.04	24.18 1.45 -0.06	26.22 1.57 -0.10	33.89 2.05 -0.25	40.96 2.53 -0.15	37.90 2.30 -0.25	29.38 1.66 -0.13	25.07 1.44 -0.05	21.69 1.34 0.00	19.36 0.87 -4.74
WEST BABYLON___IC 23714	23.59 1.95 -2.52	21.54 1.63 -3.43	18.54 1.64 -0.70	17.56 1.58 0.00	17.59 1.58 0.00	20.13 1.82 -0.68	32.17 2.76 -2.83	37.90 3.02 -1.74	35.01 3.02 -0.88	31.63 2.81 -3.23	29.67 2.56 -3.84	29.01 2.67 -3.51	28.85 2.45 -5.05	28.94 2.54 -4.51	29.10 2.53 -4.72	29.22 2.65 -3.90	29.80 2.82 -2.43	38.49 3.22 -3.68	46.96 3.67 -5.01	45.74 3.71 -6.68	35.55 2.84 -5.12	30.95 2.41 -4.96	29.77 2.30 -7.13	25.91 1.54 -10.62
WEST CANADA___HYD 24049	19.21 0.08 0.00	16.52 0.05 0.00	16.27 0.07 0.00	16.05 0.06 0.00	16.05 0.05 0.00	17.71 0.07 0.00	26.69 0.11 0.00	33.28 0.13 0.00	31.23 0.12 0.00	25.66 0.08 0.00	23.36 0.09 0.00	22.92 0.09 0.00	21.43 0.09 0.00	21.98 0.09 0.00	21.93 0.09 0.00	22.76 0.09 0.00	24.65 0.10 0.00	31.72 0.13 0.00	38.43 0.15 0.00	35.50 0.14 0.00	27.70 0.11 0.00	23.66 0.07 0.00	20.41 0.06 0.00	13.93 0.04 -0.13
WESTERN_NY_WIND 24143	19.87 0.75 0.00	17.08 0.61 0.00	16.50 0.29 0.00	16.32 0.34 0.00	16.43 0.43 0.00	18.12 0.48 0.00	27.27 0.69 0.00	33.77 0.63 0.00	31.86 0.75 0.00	26.47 0.90 0.00	23.97 0.70 0.00	23.35 0.52 0.00	22.16 0.81 0.00	22.61 0.72 0.00	22.59 0.74 0.00	23.17 0.50 0.00	25.09 0.54 0.00	32.19 0.60 0.00	38.47 0.19 0.00	35.57 0.21 0.00	28.45 0.86 0.00	24.41 0.83 0.00	20.92 0.57 0.00	15.51 0.29 -1.47
WESTOVER___LESR 323668	19.87 0.75 0.00	17.08 0.61 0.00	16.72 0.52 0.00	16.48 0.50 0.00	16.56 0.56 0.00	18.24 0.60 0.00	27.54 0.96 0.00	34.34 1.19 0.00	32.20 1.09 0.00	26.58 1.00 0.00	24.15 0.88 0.00	23.62 0.80 0.00	22.20 0.85 0.00	22.74 0.85 0.00	22.70 0.85 0.00	23.49 0.82 0.00	25.38 0.83 0.00	32.69 1.11 0.00	39.43 1.15 0.00	36.45 1.10 0.00	28.64 1.05 0.00	24.48 0.90 0.00	21.06 0.71 0.00	16.55 0.37 -2.43
WETHRSFD_WT_PWR 323626	19.87 0.75 0.00	17.12 0.64 0.00	16.59 0.39 0.00	16.30 0.32 0.00	16.45 0.45 0.00	18.08 0.44 0.00	27.30 0.72 0.00	33.84 0.70 0.00	31.89 0.78 0.00	26.50 0.92 0.00	24.08 0.81 0.00	23.49 0.66 0.00	22.24 0.90 0.00	22.70 0.81 0.00	22.68 0.83 0.00	23.29 0.61 0.00	25.23 0.69 0.00	32.35 0.76 0.00	38.51 0.23 0.00	36.27 0.92 0.00	28.45 0.86 0.00	24.32 0.73 0.00	20.90 0.55 0.00	15.63 0.17 -1.71
WHAVSTOR_138KV_BK127 55557	20.14 1.01 0.00	17.33 0.86 0.00	17.03 0.83 0.00	16.77 0.78 0.00	16.79 0.78 0.00	18.54 0.90 0.00	27.94 1.36 0.00	35.00 1.86 0.00	33.07 1.74 -0.22	27.27 1.46 -0.23	24.88 1.44 -0.17	24.54 1.53 -0.18	22.81 1.37 -0.10	23.40 1.42 -0.09	23.33 1.42 -0.07	24.27 1.50 -0.10	26.27 1.55 -0.18	33.89 1.86 -0.43	40.88 2.33 -0.27	38.02 2.23 -0.44	29.37 1.55 -0.23	25.02 1.34 -0.08	21.59 1.24 0.00	19.59 0.85 -4.98
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	20.14 1.01 0.00	17.33 0.86 0.00	17.03 0.83 0.00	16.77 0.78 0.00	16.79 0.78 0.00	18.54 0.90 0.00	27.94 1.36 0.00	35.00 1.86 0.00	33.07 1.74 -0.22	27.27 1.46 -0.23	24.88 1.44 -0.17	24.54 1.53 -0.18	22.81 1.37 -0.10	23.40 1.42 -0.09	23.33 1.42 -0.07	24.27 1.50 -0.10	26.27 1.55 -0.18	33.89 1.86 -0.43	40.88 2.33 -0.27	38.02 2.23 -0.44	29.37 1.55 -0.23	25.02 1.34 -0.08	21.59 1.24 0.00	19.59 0.85 -4.98
WHITEHAL_115KV_TB1 80871	20.26 1.13 0.00	17.43 0.96 0.00	17.18 0.97 0.00	16.94 0.96 0.00	16.96 0.96 0.00	18.79 1.15 0.00	29.03 2.45 0.00	36.19 3.05 0.00	33.60 2.77 0.28	27.43 2.15 0.30	24.97 1.93 0.22	24.35 1.76 0.23	22.52 1.30 0.13	23.27 1.49 0.11	23.25 1.49 0.09	24.27 1.72 0.13	26.10 1.77 0.21	33.55 2.46 0.51	41.30 3.33 0.31	38.05 3.22 0.52	29.74 2.43 0.27	25.21 1.72 0.10	21.73 1.38 0.00	21.26 0.77 -6.73
WHITEPLN_13_KV_LOAD 356215	20.31 1.19 0.00	17.48 1.00 0.00	17.21 1.00 0.00	16.94 0.96 0.00	16.96 0.96 0.00	18.79 1.15 0.00	28.28 1.70 0.00	35.40 2.25 0.00	33.59 2.21 -0.27	27.68 1.82 -0.29	25.27 1.79 -0.22	24.97 1.92 -0.22	23.20 1.73 -0.12	23.75 1.75 -0.11	23.68 1.75 -0.08	24.63 1.84 -0.12	26.71 1.94 -0.22	34.37 2.24 -0.54	41.36 2.76 -0.33	38.55 2.65 -0.55	29.73 1.85 -0.29	25.39 1.70 -0.10	21.89 1.55 0.00	20.21 1.03 -5.42
WM_FLOYD_69_KV_BK2 356380	23.84 2.20 -2.52	21.77 1.86 -3.43	18.75 1.85 -0.70	17.77 1.79 0.00	17.80 1.79 0.00	20.36 2.05 -0.68	36.71 3.16 -6.96	51.17 3.41 -14.61	39.88 3.39 -5.38	36.54 3.17 -7.79	34.73 2.84 -8.63	33.13 2.97 -7.34	32.50 2.73 -8.42	33.12 2.82 -8.41	34.09 2.82 -9.43	34.15 2.95 -8.53	34.83 3.14 -7.14	60.40 3.60 -25.21	79.57 4.17 -37.12	82.94 4.17 -43.42	69.02 3.17 -38.26	42.05 2.69 -15.77	41.94 2.56 -19.03	37.38 1.73 -21.89
WOODARD___115KV_TB2 355635	19.24 0.11 0.00	16.56 0.08 0.00	16.25 0.05 0.00	16.01 0.03 0.00	16.08 0.08 0.00	17.73 0.09 0.00	26.72 0.13 0.00	33.31 0.17 0.00	31.20 0.09 0.00	25.71 0.13 0.00	23.36 0.09 0.00	22.89 0.07 0.00	21.45 0.11 0.00	22.00 0.11 0.00	21.96 0.11 0.00	22.72 0.05 0.00	24.62 0.07 0.00	31.68 0.09 0.00	38.28 0.00 0.00	35.35 0.00 0.00	27.70 0.11 0.00	23.68 0.09 0.00	20.37 0.02 0.00	14.92 0.01 -1.15
YORK___WARBASSE 23770	20.19 1.05 -0.01	17.38 0.89 -0.01	17.14 0.92 -0.01	16.96 0.97 0.00	16.95 0.94 0.00	18.66 1.01 -0.01	28.14 1.52 -0.04	35.17 2.02 0.00	33.37 1.99 -0.27	27.45 1.53 -0.33	25.15 1.61 -0.27	24.93 1.83 -0.28	23.18 1.62 -0.21	23.76 1.69 -0.18	23.67 1.66 -0.16	24.63 1.77 -0.18	26.62 1.82 -0.25	34.24 2.12 -0.54	41.25 2.64 -0.33	38.30 2.40 -0.55	29.62 1.74 -0.29	25.19 1.44 -0.17	21.82 1.36 -0.11	20.23 0.98 -5.50