

# Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

09/15/2023

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	22.08	19.50	18.95	18.56	18.60	20.96	24.33	25.26	25.22	23.35	21.55	20.94	21.10	22.54	23.16	24.28	26.98	33.91	32.71	30.86	25.82	24.28	23.18	21.21
24138	1.22	0.96	0.87	0.83	0.86	0.88	1.14	1.27	1.31	1.42	1.26	1.24	1.26	1.34	1.48	1.57	1.67	1.70	1.72	1.56	1.51	1.42	1.40	1.12
	-0.52	0.00	-1.93	-2.14	-1.14	0.00	0.00	0.00	-2.36	-0.40	0.00	-0.39	-0.23	-0.85	-0.21	-1.13	-2.74	-8.27	-4.57	-4.92	0.00	-1.33	-0.30	0.00
74TH STREET_GT_1	22.08	19.52	18.95	18.56	18.60	21.02	24.33	25.26	25.22	23.35	21.53	20.94	21.10	22.52	23.16	24.29	26.96	33.89	32.74	30.88	25.82	24.26	23.18	21.23
24260	1.22	0.98	0.87	0.83	0.86	0.94	1.14	1.27	1.31	1.42	1.24	1.24	1.26	1.32	1.48	1.58	1.65	1.68	1.74	1.58	1.51	1.40	1.40	1.14
	-0.52	0.00	-1.93	-2.14	-1.14	0.00	0.00	0.00	-2.36	-0.40	0.00	-0.39	-0.23	-0.85	-0.21	-1.13	-2.74	-8.27	-4.57	-4.92	0.00	-1.33	-0.30	0.00
74TH STREET_GT_2	22.08	19.52	18.95	18.56	18.60	21.02	24.33	25.26	25.22	23.35	21.53	20.94	21.10	22.52	23.16	24.29	26.96	33.89	32.74	30.88	25.82	24.26	23.18	21.23
24261	1.22	0.98	0.87	0.83	0.86	0.94	1.14	1.27	1.31	1.42	1.24	1.24	1.26	1.32	1.48	1.58	1.65	1.68	1.74	1.58	1.51	1.40	1.40	1.14
	-0.52	0.00	-1.93	-2.14	-1.14	0.00	0.00	0.00	-2.36	-0.40	0.00	-0.39	-0.23	-0.85	-0.21	-1.13	-2.74	-8.27	-4.57	-4.92	0.00	-1.33	-0.30	0.00
ADK HUDSON___FALLS	22.36	19.75	19.73	19.41	19.21	21.54	25.07	25.94	26.26	23.56	21.57	21.09	21.03	22.62	22.92	24.28	27.45	36.23	34.13	32.44	25.99	24.81	23.34	21.39
24011	1.34	1.21	1.07	1.03	1.13	1.47	1.88	1.94	1.64	1.51	1.28	1.27	1.12	1.16	1.18	1.23	1.31	1.51	1.74	1.66	1.68	1.55	1.46	1.31
	-0.68	0.00	-2.51	-2.79	-1.49	0.00	0.00	0.00	-3.07	-0.52	0.00	-0.51	-0.30	-1.11	-0.28	-1.48	-3.57	-10.77	-5.96	-6.41	0.00	-1.73	-0.39	0.00
ADK RESOURCE___RCVRY	22.46	19.86	19.83	19.49	19.31	21.70	25.26	26.13	26.45	23.71	21.69	21.21	21.15	22.72	23.03	24.39	27.61	36.38	34.31	32.62	26.19	24.99	23.49	21.53
23798	1.44	1.32	1.16	1.11	1.23	1.63	2.06	2.13	1.83	1.66	1.40	1.39	1.24	1.26	1.29	1.34	1.47	1.65	1.93	1.83	1.87	1.72	1.61	1.45
	-0.68	0.00	-2.52	-2.79	-1.49	0.00	0.00	0.00	-3.07	-0.52	0.00	-0.51	-0.30	-1.11	-0.28	-1.48	-3.57	-10.78	-5.96	-6.41	0.00	-1.73	-0.39	0.00
ADK S GLENS___FALLS	22.36	19.75	19.73	19.41	19.21	21.54	25.07	25.94	26.26	23.56	21.57	21.09	21.03	22.62	22.92	24.28	27.45	36.23	34.13	32.44	25.99	24.81	23.34	21.39
24028	1.34	1.21	1.07	1.03	1.13	1.47	1.88	1.94	1.64	1.51	1.28	1.27	1.12	1.16	1.18	1.23	1.31	1.51	1.74	1.66	1.68	1.55	1.46	1.31
	-0.68	0.00	-2.51	-2.79	-1.49	0.00	0.00	0.00	-3.07	-0.52	0.00	-0.51	-0.30	-1.11	-0.28	-1.48	-3.57	-10.77	-5.96	-6.41	0.00	-1.73	-0.39	0.00
ADK_NYS___DAM	22.00	19.47	19.36	19.04	18.82	20.98	24.35	25.22	25.55	23.01	21.16	20.68	20.79	22.35	22.68	23.96	27.07	35.54	33.44	31.76	25.41	24.19	22.81	20.89
23527	1.00	0.93	0.76	0.73	0.78	0.90	1.16	1.22	1.01	0.97	0.87	0.87	0.88	0.92	0.94	0.95	1.02	1.10	1.22	1.15	1.10	0.97	0.94	0.80
	-0.67	0.00	-2.45	-2.72	-1.45	0.00	0.00	0.00	-2.99	-0.51	0.00	-0.50	-0.30	-1.08	-0.27	-1.44	-3.48	-10.49	-5.80	-6.24	0.00	-1.69	-0.38	0.00
AIR_PRODUCTS___DRP	21.31	18.89	18.93	18.63	18.39	20.42	23.63	24.50	24.96	22.39	20.61	20.16	20.26	21.81	22.08	23.35	26.43	34.90	32.71	31.07	24.68	23.56	22.22	20.33
24190	0.31	0.35	0.31	0.30	0.33	0.34	0.44	0.50	0.39	0.34	0.32	0.35	0.35	0.37	0.34	0.32	0.34	0.36	0.42	0.39	0.36	0.32	0.34	0.24
	-0.67	0.00	-2.47	-2.75	-1.46	0.00	0.00	0.00	-3.02	-0.51	0.00	-0.50	-0.30	-1.09	-0.27	-1.45	-3.51	-10.60	-5.86	-6.30	0.00	-1.71	-0.39	0.00
AKWESSNE_115KV_BK	20.07	18.26	15.94	15.37	16.36	19.80	22.75	23.54	21.14	21.08	19.97	19.00	19.32	20.04	21.14	21.15	22.14	23.52	26.00	23.99	23.88	21.16	21.12	19.80
355683	-0.26	-0.28	-0.21	-0.22	-0.23	-0.28	-0.44	-0.46	-0.41	-0.45	-0.32	-0.31	-0.29	-0.31	-0.32	-0.43	-0.43	-0.43	-0.42	-0.39	-0.44	-0.37	-0.37	-0.28
	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	21.31	18.89	18.93	18.63	18.39	20.42	23.63	24.50	24.96	22.39	20.61	20.16	20.26	21.81	22.08	23.35	26.43	34.90	32.71	31.07	24.68	23.56	22.22	20.33
23571	0.31	0.35	0.31	0.30	0.33	0.34	0.44	0.50	0.39	0.34	0.32	0.35	0.35	0.37	0.34	0.32	0.34	0.36	0.42	0.39	0.36	0.32	0.34	0.24
	-0.67	0.00	-2.47	-2.75	-1.46	0.00	0.00	0.00	-3.02	-0.51	0.00	-0.50	-0.30	-1.09	-0.27	-1.45	-3.51	-10.60	-5.86	-6.30	0.00	-1.71	-0.39	0.00
ALBANY___2	21.31	18.89	18.93	18.63	18.39	20.42	23.63	24.50	24.96	22.39	20.61	20.16	20.26	21.81	22.08	23.35	26.43	34.90	32.71	31.07	24.68	23.56	22.22	20.33
23572	0.31	0.35	0.31	0.30	0.33	0.34	0.44	0.50	0.39	0.34	0.32	0.35	0.35	0.37	0.34	0.32	0.34	0.36	0.42	0.39	0.36	0.32	0.34	0.24
	-0.67	0.00	-2.47	-2.75	-1.46	0.00	0.00	0.00	-3.02	-0.51	0.00	-0.50	-0.30	-1.09	-0.27	-1.45	-3.51	-10.60	-5.86	-6.30	0.00	-1.71	-0.39	0.00
ALBANY___3	21.31	18.89	18.93	18.63	18.39	20.42	23.63	24.50	24.96	22.39	20.61	20.16	20.26	21.81	22.08	23.35	26.43	34.90	32.71	31.07	24.68	23.56	22.22	20.33
23573	0.31	0.35	0.31	0.30	0.33	0.34	0.44	0.50	0.39	0.34	0.32	0.35	0.35	0.37	0.34	0.32	0.34	0.36	0.42	0.39	0.36	0.32	0.34	0.24
	-0.67	0.00	-2.47	-2.75	-1.46	0.00	0.00	0.00	-3.02	-0.51	0.00	-0.50	-0.30	-1.09	-0.27	-1.45	-3.51	-10.60	-5.86	-6.30	0.00	-1.71	-0.39	0.00

ALBANY___4 23574	21.31 0.31 -0.67	18.89 0.35 0.00	18.93 0.31 -2.47	18.63 0.30 -2.75	18.39 0.33 -1.46	20.42 0.34 0.00	23.63 0.44 0.00	24.50 0.50 0.00	24.96 0.39 -3.02	22.39 0.34 -0.51	20.61 0.32 0.00	20.16 0.35 -0.50	20.26 0.35 -0.30	21.81 0.37 -1.09	22.08 0.34 -0.27	23.35 0.32 -1.45	26.43 0.34 -3.51	34.90 0.36 -10.60	32.71 0.42 -5.86	31.07 0.39 -6.30	24.68 0.36 0.00	23.56 0.32 -1.71	22.22 0.34 -0.39	20.33 0.24 0.00
ALBANY___LFGE 323615	21.50 0.49 -0.67	19.04 0.50 0.00	19.07 0.44 -2.48	18.76 0.42 -2.76	18.53 0.46 -1.47	20.58 0.50 0.00	23.86 0.67 0.00	24.74 0.74 0.00	25.18 0.60 -3.03	22.58 0.54 -0.51	20.80 0.51 0.00	20.31 0.50 -0.51	20.42 0.51 -0.30	21.97 0.53 -1.10	22.28 0.54 -0.27	23.55 0.52 -1.46	26.64 0.54 -3.53	35.18 0.60 -10.64	32.99 0.69 -5.88	31.34 0.63 -6.32	24.95 0.63 0.00	23.78 0.54 -1.71	22.41 0.54 -0.39	20.51 0.42 0.00
ALCOA_PA_115KV_PL-6C 55860	20.13 -0.20 0.00	18.32 -0.22 0.00	15.99 -0.16 0.00	15.41 -0.17 0.00	16.41 -0.18 0.00	19.88 -0.20 0.00	22.84 -0.35 0.00	23.61 -0.38 0.00	21.21 -0.34 0.00	21.12 -0.41 0.00	20.01 -0.28 0.00	19.02 -0.29 0.00	19.35 -0.25 0.00	20.06 -0.28 0.00	21.16 -0.30 0.00	21.19 -0.39 0.00	22.21 -0.36 0.00	23.56 -0.38 0.00	26.08 -0.34 0.00	24.06 -0.32 0.00	23.93 -0.39 0.00	21.23 -0.30 0.00	21.16 -0.32 0.00	19.86 -0.22 0.00
ALCOA_RYNLDS___DRP 24188	20.13 -0.20 0.00	18.32 -0.22 0.00	15.99 -0.16 0.00	15.41 -0.17 0.00	16.41 -0.18 0.00	19.88 -0.20 0.00	22.84 -0.35 0.00	23.61 -0.38 0.00	21.21 -0.34 0.00	21.12 -0.41 0.00	20.01 -0.28 0.00	19.02 -0.29 0.00	19.35 -0.25 0.00	20.06 -0.28 0.00	21.16 -0.30 0.00	21.19 -0.39 0.00	22.21 -0.36 0.00	23.56 -0.38 0.00	26.08 -0.34 0.00	24.06 -0.32 0.00	23.93 -0.39 0.00	21.23 -0.30 0.00	21.16 -0.32 0.00	19.86 -0.22 0.00
ALCOA___DSASP 323711	20.13 -0.20 0.00	18.32 -0.22 0.00	15.99 -0.16 0.00	15.41 -0.17 0.00	16.41 -0.18 0.00	19.84 -0.24 0.00	22.84 -0.35 0.00	23.61 -0.38 0.00	21.21 -0.35 0.00	21.16 -0.37 0.00	20.01 -0.28 0.00	19.02 -0.29 0.00	19.35 -0.26 0.00	20.06 -0.28 0.00	21.16 -0.30 0.00	21.23 -0.35 0.00	22.21 -0.36 0.00	23.56 -0.38 0.00	26.08 -0.34 0.00	24.06 -0.32 0.00	23.93 -0.39 0.00	21.21 -0.32 0.00	21.16 -0.32 0.00	19.87 -0.22 0.00
ALLEGHENY___COGEN 23514	21.12 0.73 -0.05	19.41 0.87 0.00	16.97 0.65 -0.18	16.42 0.64 -0.20	17.38 0.68 -0.11	21.16 1.08 0.00	24.63 1.44 0.00	25.50 1.51 0.00	22.97 1.21 -0.22	22.56 0.99 -0.04	20.98 0.69 0.00	19.92 0.58 -0.04	20.18 0.55 -0.02	20.95 0.53 -0.08	22.13 0.64 -0.02	22.50 0.82 -0.10	23.91 1.11 -0.23	26.02 1.39 -0.69	28.39 1.59 -0.38	26.30 1.51 -0.41	26.02 1.70 0.00	23.02 1.38 -0.11	22.69 1.18 -0.03	21.25 1.16 0.00
ALTAMONT_115KV_TB 2 55880	21.62 0.61 -0.67	19.10 0.56 0.00	19.13 0.50 -2.48	18.83 0.48 -2.76	18.58 0.51 -1.47	20.68 0.60 0.00	23.91 0.72 0.00	24.76 0.77 0.00	25.25 0.67 -3.03	22.69 0.65 -0.51	20.86 0.57 0.00	20.39 0.58 -0.51	20.50 0.59 -0.30	22.03 0.59 -1.10	22.38 0.64 -0.27	23.68 0.65 -1.46	26.78 0.68 -3.53	35.31 0.72 -10.64	33.10 0.79 -5.88	31.46 0.76 -6.33	25.05 0.73 0.00	23.89 0.65 -1.71	22.52 0.64 -0.39	20.61 0.52 0.00
ALTONA_WT_PWR 323606	20.56 0.22 0.00	18.76 0.22 0.00	16.39 0.24 0.00	15.79 0.20 0.00	16.82 0.23 0.00	20.50 0.42 0.00	23.56 0.37 0.00	24.09 0.10 0.00	21.77 0.22 0.00	21.72 0.19 0.00	20.43 0.14 0.00	19.54 0.23 0.00	19.92 0.31 0.00	20.61 0.26 0.00	21.76 0.30 0.00	21.82 0.24 0.00	22.85 0.27 0.00	24.28 0.34 0.00	27.27 0.85 0.00	25.11 0.73 0.00	24.95 0.63 0.00	22.11 0.58 0.00	21.96 0.47 0.00	20.57 0.48 0.00
AMERICAN_REF_FUEL 24010	19.63 -0.75 -0.04	18.32 -0.22 0.00	15.87 -0.44 -0.16	15.37 -0.39 -0.18	16.24 -0.45 -0.09	19.62 -0.46 0.00	22.87 -0.32 0.00	23.42 -0.58 0.00	21.08 -0.67 -0.19	20.87 -0.69 -0.03	19.76 -0.53 0.00	18.62 -0.71 -0.03	18.86 -0.77 -0.02	19.58 -0.84 -0.07	20.60 -0.88 -0.02	20.87 -0.80 -0.09	22.08 -0.70 -0.21	23.92 -0.65 -0.62	25.87 -0.90 -0.34	23.99 -0.76 -0.37	23.73 -0.58 0.00	20.94 -0.69 -0.10	20.71 -0.79 -0.02	19.97 -0.12 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	20.43 0.04 -0.05	19.04 0.50 0.00	16.47 0.15 -0.18	15.97 0.19 -0.20	16.84 0.15 -0.10	20.58 0.50 0.00	24.00 0.81 0.00	24.69 0.70 0.00	22.16 0.39 -0.22	22.08 0.52 -0.04	20.88 0.59 0.00	19.65 0.31 -0.04	19.93 0.29 -0.02	20.55 0.12 -0.08	21.76 0.28 -0.02	21.92 0.24 -0.10	23.26 0.45 -0.23	25.23 0.57 -0.71	27.24 0.42 -0.39	25.24 0.44 -0.42	25.07 0.75 0.00	22.01 0.37 -0.11	21.85 0.34 -0.03	20.81 0.72 0.00
ARTHUR_KILL_GT_1 23520	22.00 1.14 -0.52	19.34 0.80 0.00	18.84 0.76 -1.93	18.41 0.69 -2.14	18.46 0.73 -1.14	20.63 0.56 0.01	23.90 0.72 0.01	16.16 0.91 8.74	19.02 1.06 3.58	18.71 1.18 4.01	18.46 1.03 2.86	18.79 1.06 1.58	18.79 1.10 1.92	22.33 1.14 -0.85	22.96 1.29 -0.21	24.04 1.34 -1.12	26.80 1.49 -2.73	33.76 1.56 -8.26	32.55 1.56 -4.56	30.68 1.39 -4.91	25.55 1.24 0.01	24.06 1.20 -1.32	23.00 1.22 -0.29	21.19 1.10 0.00
ARTHUR_KILL_2 23512	21.94 1.08 -0.52	19.30 0.76 0.00	18.79 0.71 -1.93	18.38 0.65 -2.14	18.41 0.68 -1.14	20.59 0.52 0.01	23.86 0.67 0.01	16.11 0.86 8.74	18.98 1.01 3.58	18.64 1.12 4.01	18.40 0.97 2.86	18.75 1.02 1.58	18.73 1.04 1.92	22.29 1.10 -0.85	22.91 1.24 -0.21	24.00 1.29 -1.12	26.73 1.42 -2.73	33.69 1.49 -8.26	32.47 1.48 -4.56	30.60 1.32 -4.91	25.48 1.17 0.01	24.01 1.16 -1.32	22.94 1.16 -0.29	21.15 1.06 0.00
ARTHUR_KILL_3 23513	21.86 1.00 -0.52	19.36 0.81 0.00	18.82 0.74 -1.93	18.43 0.70 -2.14	18.46 0.73 -1.14	20.74 0.66 0.00	24.10 0.90 0.00	16.24 0.98 8.73	19.01 1.03 3.57	18.67 1.14 4.00	18.43 0.99 2.85	18.72 0.98 1.57	18.70 1.00 1.91	22.30 1.10 -0.85	22.92 1.24 -0.21	24.03 1.32 -1.13	26.74 1.42 -2.74	33.60 1.39 -8.27	32.42 1.43 -4.57	30.61 1.32 -4.92	25.58 1.26 0.00	24.04 1.18 -1.33	22.95 1.16 -0.30	21.05 0.96 0.00
ARTHUR_KILL_COGEN 323718	22.00 1.14 -0.52	19.34 0.80 0.00	18.84 0.76 -1.93	18.41 0.69 -2.14	18.46 0.73 -1.14	20.63 0.56 0.01	23.90 0.72 0.01	16.16 0.91 8.74	19.02 1.06 3.58	18.71 1.18 4.01	18.46 1.03 2.86	18.79 1.06 1.58	18.79 1.10 1.92	22.33 1.14 -0.85	22.96 1.29 -0.21	24.04 1.34 -1.12	26.80 1.49 -2.73	33.76 1.56 -8.26	32.55 1.56 -4.56	30.68 1.39 -4.91	25.55 1.24 0.01	24.06 1.20 -1.32	23.00 1.22 -0.29	21.19 1.10 0.00
ASHOKAN____ 23654	21.34 0.41 -0.59	19.38 0.84 0.00	18.51 0.18 -2.18	18.18 0.17 -2.43	18.10 0.22 -1.29	20.94 0.86 0.00	24.31 1.11 0.00	25.29 1.29 0.00	24.48 0.26 -2.66	22.65 0.67 -0.45	20.96 0.67 0.00	20.18 0.42 -0.45	20.46 0.59 -0.26	21.39 0.08 -0.97	22.31 0.60 -0.24	22.99 0.13 -1.28	25.81 0.14 -3.10	33.59 0.29 -9.36	32.13 0.53 -5.17	30.46 0.51 -5.56	25.38 1.07 0.00	23.36 0.32 -1.51	22.77 0.94 -0.34	20.97 0.88 0.00

ASTORIA_EAST_ENERGY_CC1 323581	21.96 1.10 -0.52	19.32 0.78 0.00	18.82 0.74 -1.93	18.40 0.67 -2.14	18.43 0.70 -1.14	20.71 0.64 0.01	23.95 0.76 0.01	24.90 0.91 0.01	24.91 1.01 -2.35	23.06 1.14 -0.39	21.28 0.99 0.01	20.71 1.02 -0.39	20.87 1.04 -0.23	22.29 1.10 -0.85	22.89 1.22 -0.21	24.01 1.29 -1.13	26.74 1.42 -2.74	33.60 1.39 -8.27	32.36 1.37 -4.56	30.53 1.24 -4.91	25.48 1.17 0.01	24.02 1.16 -1.33	22.99 1.20 -0.30	21.11 1.02 0.00
ASTORIA_EAST_ENERGY_CC2 323582	21.96 1.10 -0.52	19.32 0.78 0.00	18.82 0.74 -1.93	18.40 0.67 -2.14	18.43 0.70 -1.14	20.71 0.64 0.01	23.95 0.76 0.01	24.90 0.91 0.01	24.91 1.01 -2.35	23.06 1.14 -0.39	21.28 0.99 0.01	20.71 1.02 -0.39	20.87 1.04 -0.23	22.29 1.10 -0.85	22.89 1.22 -0.21	24.01 1.29 -1.13	26.74 1.42 -2.74	33.60 1.39 -8.27	32.36 1.37 -4.56	30.53 1.24 -4.91	25.48 1.17 0.01	24.02 1.16 -1.33	22.99 1.20 -0.30	21.11 1.02 0.00
ASTORIA_GT2_1 24094	21.98 1.12 -0.52	19.34 0.80 0.00	18.82 0.74 -1.93	18.40 0.67 -2.14	18.45 0.71 -1.14	20.78 0.70 0.00	23.96 0.77 0.00	24.90 0.91 0.00	24.94 1.03 -2.36	23.09 1.16 -0.40	21.28 0.99 0.00	20.72 1.02 -0.39	20.90 1.06 -0.23	22.30 1.10 -0.85	22.90 1.22 -0.21	24.05 1.34 -1.13	26.76 1.44 -2.74	33.60 1.39 -8.27	32.40 1.40 -4.57	30.54 1.24 -4.92	25.51 1.19 0.00	24.02 1.16 -1.33	22.99 1.20 -0.30	21.11 1.02 0.00
ASTORIA_GT2_2 24095	21.98 1.12 -0.52	19.34 0.80 0.00	18.82 0.74 -1.93	18.40 0.67 -2.14	18.45 0.71 -1.14	20.78 0.70 0.00	23.96 0.77 0.00	24.90 0.91 0.00	24.94 1.03 -2.36	23.09 1.16 -0.40	21.28 0.99 0.00	20.72 1.02 -0.39	20.90 1.06 -0.23	22.30 1.10 -0.85	22.90 1.22 -0.21	24.05 1.34 -1.13	26.76 1.44 -2.74	33.60 1.39 -8.27	32.40 1.40 -4.57	30.54 1.24 -4.92	25.51 1.19 0.00	24.02 1.16 -1.33	22.99 1.20 -0.30	21.11 1.02 0.00
ASTORIA_GT2_3 24096	21.98 1.12 -0.52	19.34 0.80 0.00	18.82 0.74 -1.93	18.40 0.67 -2.14	18.45 0.71 -1.14	20.78 0.70 0.00	23.96 0.77 0.00	24.90 0.91 0.00	24.94 1.03 -2.36	23.09 1.16 -0.40	21.28 0.99 0.00	20.72 1.02 -0.39	20.90 1.06 -0.23	22.30 1.10 -0.85	22.90 1.22 -0.21	24.05 1.34 -1.13	26.76 1.44 -2.74	33.60 1.39 -8.27	32.40 1.40 -4.57	30.54 1.24 -4.92	25.51 1.19 0.00	24.02 1.16 -1.33	22.99 1.20 -0.30	21.11 1.02 0.00
ASTORIA_GT2_4 24097	21.98 1.12 -0.52	19.34 0.80 0.00	18.82 0.74 -1.93	18.40 0.67 -2.14	18.45 0.71 -1.14	20.78 0.70 0.00	23.96 0.77 0.00	24.90 0.91 0.00	24.94 1.03 -2.36	23.09 1.16 -0.40	21.28 0.99 0.00	20.72 1.02 -0.39	20.90 1.06 -0.23	22.30 1.10 -0.85	22.90 1.22 -0.21	24.05 1.34 -1.13	26.76 1.44 -2.74	33.60 1.39 -8.27	32.40 1.40 -4.57	30.54 1.24 -4.92	25.51 1.19 0.00	24.02 1.16 -1.33	22.99 1.20 -0.30	21.11 1.02 0.00
ASTORIA_GT3_1 24098	21.98 1.12 -0.52	19.34 0.80 0.00	18.82 0.74 -1.93	18.40 0.67 -2.14	18.45 0.71 -1.14	20.78 0.70 0.00	23.96 0.77 0.00	24.90 0.91 0.00	24.94 1.03 -2.36	23.09 1.16 -0.40	21.28 0.99 0.00	20.72 1.02 -0.39	20.90 1.06 -0.23	22.30 1.10 -0.85	22.90 1.22 -0.21	24.05 1.34 -1.13	26.76 1.44 -2.74	33.60 1.39 -8.27	32.40 1.40 -4.57	30.54 1.24 -4.92	25.51 1.19 0.00	24.02 1.16 -1.33	22.99 1.20 -0.30	21.11 1.02 0.00
ASTORIA_GT3_2 24099	21.98 1.12 -0.52	19.34 0.80 0.00	18.82 0.74 -1.93	18.40 0.67 -2.14	18.45																			

ASTORIA_GT_10 24110	22.00 1.14 -0.52	19.39 0.85 0.00	18.85 0.78 -1.93	18.46 0.73 -2.14	18.50 0.76 -1.14	20.88 0.80 0.00	24.10 0.90 0.00	25.07 1.08 0.00	25.07 1.16 -2.36	23.22 1.29 -0.40	21.43 1.14 0.00	20.84 1.14 -0.39	21.00 1.16 -0.23	22.40 1.20 -0.85	23.03 1.35 -0.21	24.16 1.45 -1.13	26.85 1.53 -2.74	33.75 1.53 -8.27	32.56 1.56 -4.57	30.71 1.41 -4.92	25.63 1.31 0.00	24.11 1.25 -1.33	23.10 1.31 -0.30	21.21 1.12 0.00
ASTORIA_GT_11 24225	22.00 1.14 -0.52	19.39 0.85 0.00	18.85 0.78 -1.93	18.46 0.73 -2.14	18.50 0.76 -1.14	20.88 0.80 0.00	24.10 0.90 0.00	25.07 1.08 0.00	25.07 1.16 -2.36	23.22 1.29 -0.40	21.43 1.14 0.00	20.84 1.14 -0.39	21.00 1.16 -0.23	22.40 1.20 -0.85	23.03 1.35 -0.21	24.16 1.45 -1.13	26.85 1.53 -2.74	33.75 1.53 -8.27	32.56 1.56 -4.57	30.71 1.41 -4.92	25.63 1.31 0.00	24.11 1.25 -1.33	23.10 1.31 -0.30	21.21 1.12 0.00
ASTORIA_GT_12 24226	22.00 1.14 -0.52	19.39 0.85 0.00	18.85 0.78 -1.93	18.46 0.73 -2.14	18.50 0.76 -1.14	20.88 0.80 0.00	24.10 0.90 0.00	25.07 1.08 0.00	25.07 1.16 -2.36	23.22 1.29 -0.40	21.43 1.14 0.00	20.84 1.14 -0.39	21.00 1.16 -0.23	22.40 1.20 -0.85	23.03 1.35 -0.21	24.16 1.45 -1.13	26.85 1.53 -2.74	33.75 1.53 -8.27	32.56 1.56 -4.57	30.71 1.41 -4.92	25.63 1.31 0.00	24.11 1.25 -1.33	23.10 1.31 -0.30	21.21 1.12 0.00
ASTORIA_GT_13 24227	22.00 1.14 -0.52	19.39 0.85 0.00	18.85 0.78 -1.93	18.46 0.73 -2.14	18.50 0.76 -1.14	20.88 0.80 0.00	24.10 0.90 0.00	25.07 1.08 0.00	25.07 1.16 -2.36	23.22 1.29 -0.40	21.43 1.14 0.00	20.84 1.14 -0.39	21.00 1.16 -0.23	22.40 1.20 -0.85	23.03 1.35 -0.21	24.16 1.45 -1.13	26.85 1.53 -2.74	33.75 1.53 -8.27	32.56 1.56 -4.57	30.71 1.41 -4.92	25.63 1.31 0.00	24.11 1.25 -1.33	23.10 1.31 -0.30	21.21 1.12 0.00
ASTORIA_GT_5 24106	22.00 1.14 -0.52	19.36 0.81 0.00	18.85 0.78 -1.93	18.41 0.69 -2.14	18.46 0.73 -1.14	20.75 0.68 0.01	24.00 0.81 0.01	24.95 0.96 0.01	24.98 1.08 -2.35	23.13 1.20 -0.39	21.32 1.03 0.01	20.75 1.06 -0.39	20.93 1.10 -0.23	22.33 1.14 -0.85	22.94 1.27 -0.21	24.05 1.34 -1.13	26.80 1.49 -2.74	33.68 1.46 -8.27	32.44 1.45 -4.56	30.58 1.29 -4.91	25.52 1.22 0.01	24.07 1.20 -1.33	23.03 1.25 -0.30	21.15 1.06 0.00
ASTORIA_GT_7 24107	22.00 1.14 -0.52	19.36 0.81 0.00	18.85 0.78 -1.93	18.41 0.69 -2.14	18.46 0.73 -1.14	20.75 0.68 0.01	24.00 0.81 0.01	24.95 0.96 0.01	24.98 1.08 -2.35	23.13 1.20 -0.39	21.32 1.03 0.01	20.75 1.06 -0.39	20.93 1.10 -0.23	22.33 1.14 -0.85	22.94 1.27 -0.21	24.05 1.34 -1.13	26.80 1.49 -2.74	33.68 1.46 -8.27	32.44 1.45 -4.56	30.58 1.29 -4.91	25.52 1.22 0.01	24.07 1.20 -1.33	23.03 1.25 -0.30	21.15 1.06 0.00
ASTORIA_GT_8 24108	22.00 1.14 -0.52	19.37 0.83 0.00	18.84 0.76 -1.93	18.42 0.69 -2.14	18.46 0.73 -1.14	20.80 0.72 0.00	24.00 0.81 0.00	24.95 0.96 0.00	24.98 1.08 -2.36	23.14 1.21 -0.40	21.32 1.03 0.00	20.76 1.06 -0.39	20.94 1.10 -0.23	22.34 1.14 -0.85	22.94 1.27 -0.21	24.09 1.38 -1.13	26.80 1.49 -2.74	33.65 1.44 -8.27	32.45 1.45 -4.57	30.59 1.29 -4.92	25.56 1.24 0.00	24.07 1.21 -1.33	23.03 1.25 -0.30	21.15 1.06 0.00
ASTORIA___2 24149	21.98 1.12 -0.52	19.34 0.80 0.00	18.82 0.74 -1.93	18.40 0.67 -2.14	18.45 0.71 -1.14	20.71 0.64 0.01	23.95 0.76 0.01	24.90 0.91 0.01	24.93 1.03 -2.35	23.08 1.16 -0.39	21.28 0.99 0.01	20.71 1.02 -0.39	20.89 1.06 -0.23	22.29 1.10 -0.85	22.89 1.22 -0.21	24.01 1.29 -1.13	26.76 1.45 -2.74	33.63 1.41 -8.27	32.39 1.40 -4.56	30.53 1.24 -4.91	25.50 1.19 0.01	24.02 1.16 -1.33	22.99 1.20 -0.30	21.11 1.02 0.00
ASTORIA___3 23516	22.00 1.14 -0.52	19.39 0.85 0.00	18.87 0.79 -1.93	18.46 0.73 -2.14	18.50 0.76 -1.14	20.82 0.74 0.00	24.10 0.90 0.00	25.07 1.08 0.00	25.07 1.16 -2.36	23.20 1.27 -0.40	21.43 1.14 0.00	20.84 1.14 -0.39	21.00 1.16 -0.23	22.40 1.20 -0.85	23.03 1.35 -0.21	24.11 1.40 -1.13	26.83 1.51 -2.74	33.75 1.53 -8.27	32.56 1.56 -4.57	30.69 1.39 -4.92	25.63 1.31 0.00	24.13 1.27 -1.33	23.10 1.31 -0.30	21.21 1.12 0.00
ASTORIA___4 23517	22.00 1.14 -0.52	19.39 0.85 0.00	18.85 0.78 -1.93	18.46 0.73 -2.14	18.50 0.76 -1.14	20.88 0.80 0.00	24.10 0.90 0.00	25.07 1.08 0.00	25.07 1.16 -2.36	23.22 1.29 -0.40	21.43 1.14 0.00	20.84 1.14 -0.39	21.00 1.16 -0.23	22.40 1.20 -0.85	23.03 1.35 -0.21	24.16 1.45 -1.13	26.85 1.53 -2.74	33.75 1.53 -8.27	32.56 1.56 -4.57	30.71 1.41 -4.92	25.63 1.31 0.00	24.11 1.25 -1.33	23.10 1.31 -0.30	21.21 1.12 0.00
ASTORIA___5 23518	22.00 1.14 -0.52	19.39 0.85 0.00	18.87 0.79 -1.93	18.46 0.73 -2.14	18.50 0.76 -1.14	20.82 0.74 0.00	24.10 0.90 0.00	25.07 1.08 0.00	25.07 1.16 -2.36	23.20 1.27 -0.40	21.43 1.14 0.00	20.84 1.14 -0.39	21.00 1.16 -0.23	22.40 1.20 -0.85	23.03 1.35 -0.21	24.11 1.40 -1.13	26.83 1.51 -2.74	33.75 1.53 -8.27	32.56 1.56 -4.57	30.69 1.39 -4.92	25.63 1.31 0.00	24.13 1.27 -1.33	23.10 1.31 -0.30	21.19 1.10 0.00
AST_ENERGY_2_CC3 323677	21.94 1.08 -0.52	19.39 0.85 0.00	18.87 0.79 -1.93	18.48 0.75 -2.14	18.51 0.78 -1.14	20.82 0.74 0.00	24.17 0.97 0.00	25.07 1.08 0.00	25.05 1.14 -2.36	23.18 1.25 -0.40	21.39 1.09 0.00	20.78 1.08 -0.39	20.94 1.10 -0.23	22.38 1.18 -0.85	22.99 1.31 -0.21	24.11 1.40 -1.13	26.80 1.49 -2.74	33.72 1.51 -8.27	32.53 1.53 -4.57	30.69 1.39 -4.92	25.65 1.34 0.00	24.13 1.27 -1.33	23.03 1.25 -0.30	21.11 1.02 0.00
AST_ENERGY_2_CC4 323678	21.94 1.08 -0.52	19.39 0.85 0.00	18.87 0.79 -1.93	18.48 0.75 -2.14	18.51 0.78 -1.14	20.82 0.74 0.00	24.17 0.97 0.00	25.07 1.08 0.00	25.05 1.14 -2.36	23.18 1.25 -0.40	21.39 1.09 0.00	20.78 1.08 -0.39	20.94 1.10 -0.23	22.38 1.18 -0.85	22.99 1.31 -0.21	24.11 1.40 -1.13	26.80 1.49 -2.74	33.72 1.51 -8.27	32.53 1.53 -4.57	30.69 1.39 -4.92	25.65 1.34 0.00	24.13 1.27 -1.33	23.03 1.25 -0.30	21.11 1.02 0.00
ATHENS_STG_1 23668	21.71 0.75 -0.62	19.19 0.65 0.00	19.04 0.60 -2.29	18.71 0.58 -2.54	18.54 0.60 -1.36	20.74 0.66 0.00	23.98 0.79 0.00	24.83 0.84 0.00	25.14 0.80 -2.79	22.82 0.82 -0.47	21.00 0.71 0.00	20.49 0.71 -0.47	20.61 0.73 -0.28	22.11 0.75 -1.01	22.53 0.82 -0.25	23.79 0.86 -1.34	26.73 0.90 -3.25	34.69 0.93 -9.81	32.85 1.00 -5.42	31.14 0.93 -5.83	25.22 0.90 0.00	23.93 0.82 -1.58	22.64 0.80 -0.36	20.75 0.66 0.00
ATHENS_STG_2 23670	21.71 0.75 -0.62	19.19 0.65 0.00	19.04 0.60 -2.29	18.71 0.58 -2.54	18.54 0.60 -1.36	20.74 0.66 0.00	23.98 0.79 0.00	24.83 0.84 0.00	25.14 0.80 -2.79	22.82 0.82 -0.47	21.00 0.71 0.00	20.49 0.71 -0.47	20.61 0.73 -0.28	22.11 0.75 -1.01	22.53 0.82 -0.25	23.79 0.86 -1.34	26.73 0.90 -3.25	34.69 0.93 -9.81	32.85 1.00 -5.42	31.14 0.93 -5.83	25.22 0.90 0.00	23.93 0.82 -1.58	22.64 0.80 -0.36	20.75 0.66 0.00

ATHENS_STG_3 23677	21.71 0.75 -0.62	19.19 0.65 0.00	19.04 0.60 -2.29	18.71 0.58 -2.54	18.54 0.60 -1.36	20.74 0.66 0.00	23.98 0.79 0.00	24.83 0.84 0.00	25.14 0.80 -2.79	22.82 0.82 -0.47	21.00 0.71 0.00	20.49 0.71 -0.47	20.61 0.73 -0.28	22.11 0.75 -1.01	22.53 0.82 -0.25	23.79 0.86 -1.34	26.73 0.90 -3.25	34.69 0.93 -9.81	32.85 1.00 -5.42	31.14 0.93 -5.83	25.22 0.90 0.00	23.93 0.82 -1.58	22.64 0.80 -0.36	20.75 0.66 0.00
AUBURN____LFGE 323710	20.48 0.10 -0.04	18.69 0.15 0.00	16.37 0.08 -0.14	15.83 0.09 -0.15	16.77 0.10 -0.08	20.26 0.18 0.00	23.61 0.42 0.00	24.45 0.46 0.00	22.19 0.47 -0.17	22.03 0.47 -0.03	20.53 0.24 0.00	19.64 0.31 -0.03	19.94 0.31 -0.02	20.71 0.31 -0.06	21.80 0.32 -0.02	22.11 0.45 -0.08	23.26 0.52 -0.17	25.04 0.57 -0.52	27.32 0.61 -0.28	25.27 0.59 -0.31	24.95 0.63 0.00	22.11 0.50 -0.08	21.91 0.41 -0.02	20.37 0.28 0.00
BABYLON_RES_REC 323704	25.82 1.77 -3.72	19.99 1.45 0.00	19.21 1.13 -1.93	18.84 1.11 -2.14	18.86 1.13 -1.14	21.60 1.53 0.00	25.02 1.83 0.00	27.33 1.97 -1.37	26.27 1.96 -2.75	25.13 2.02 -1.57	28.22 1.66 -6.27	27.89 1.66 -6.93	28.18 1.71 -6.86	28.22 1.79 -6.09	28.74 1.95 -5.32	30.06 2.07 -6.41	37.21 2.17 -12.47	43.02 2.28 -16.80	40.35 2.43 -11.50	36.09 2.24 -9.46	35.81 2.16 -9.33	30.12 1.94 -6.65	26.94 2.02 -3.43	24.94 1.71 -3.15
BABYLON__69_KV_BK2 356345	26.11 2.05 -3.72	20.25 1.71 0.00	19.42 1.34 -1.93	19.04 1.31 -2.14	19.06 1.33 -1.14	21.85 1.77 0.00	25.35 2.16 0.00	27.67 2.30 -1.37	26.55 2.24 -2.75	25.43 2.33 -1.57	28.49 1.93 -6.27	28.16 1.93 -6.93	28.45 1.98 -6.86	28.49 2.05 -6.09	29.01 2.23 -5.32	30.47 2.37 -6.52	38.49 2.51 -13.41	43.48 2.61 -16.92	40.91 2.83 -11.66	37.40 2.61 -10.41	36.98 2.53 -10.14	30.39 2.22 -6.64	27.24 2.32 -3.43	25.22 1.99 -3.15
BALL_HILL_WT_PWR 323825	20.12 -0.26 -0.05	18.73 0.19 0.00	16.21 -0.11 -0.17	15.72 -0.06 -0.19	16.59 -0.10 -0.10	20.12 0.04 0.00	23.56 0.37 0.00	24.18 0.19 0.00	21.72 -0.04 -0.21	21.78 0.22 -0.04	20.45 0.16 0.00	19.28 -0.06 -0.04	19.53 -0.10 -0.02	20.18 -0.24 -0.08	21.35 -0.13 -0.02	21.61 -0.06 -0.10	22.82 0.02 -0.23	24.75 0.12 -0.69	26.73 0.12 -0.38	24.77 -0.02 -0.41	24.61 0.29 0.00	21.58 -0.06 -0.11	21.49 -0.02 -0.03	20.49 0.40 0.00
BARON_WINDS____WT_PWR 323822	20.34 -0.06 -0.06	18.76 0.22 0.00	16.35 -0.02 -0.22	15.86 0.03 -0.25	16.72 0.00 -0.13	20.28 0.20 0.00	23.66 0.46 0.00	24.35 0.36 0.00	21.95 0.13 -0.27	21.77 0.19 -0.05	20.51 0.22 0.00	19.39 0.04 -0.05	19.68 0.04 -0.03	20.36 -0.08 -0.10	21.51 0.02 -0.02	21.75 0.04 -0.13	23.00 0.14 -0.29	25.02 0.19 -0.88	26.99 0.08 -0.49	25.00 0.10 -0.52	24.70 0.39 0.00	21.80 0.13 -0.14	21.63 0.11 -0.03	20.41 0.32 0.00
BARRETT_IC_1 23704	25.59 1.53 -3.73	19.76 1.22 0.00	19.05 0.97 -1.93	18.67 0.94 -2.14	18.70 0.96 -1.14	21.28 1.20 0.00	24.72 1.53 0.00	27.03 1.65 -1.38	25.92 1.62 -2.75	24.80 1.70 -1.57	27.98 1.42 -6.27	27.64 1.41 -6.93	27.92 1.45 -6.86	27.94 1.51 -6.09	28.43 1.65 -5.32	29.64 1.70 -6.35	36.30 1.76 -11.97	42.52 1.84 -16.73	39.79 1.96 -11.41	35.12 1.78 -8.96	34.94 1.73 -8.90	29.72 1.59 -6.59	26.59 1.68 -3.43	24.69 1.45 -3.15
BARRETT_IC_10 23701	25.59 1.53 -3.73	19.76 1.22 0.00	19.05 0.97 -1.93	18.67 0.94 -2.14	18.70 0.96 -1.14	21.28 1.20 0.00	24.72 1.53 0.00	27.03 1.65 -1.38	25.92 1.62 -2.75	24.80 1.70 -1.57	27.98 1.42 -6.27	27.64 1.41 -6.93	27.92 1.45 -6.86	27.94 1.51 -6.09	28.43 1.65 -5.32	29.64 1.70 -6.35	36.30 1.76 -11.97	42.52 1.84 -16.73	39.79 1.96 -11.41	35.12 1.78 -8.96	34.94 1.73 -8.90	29.72 1.59 -6.59	26.59 1.68 -3.43	24.69 1.45 -3.15
BARRETT_IC_11 23702	25.59 1.53 -3.73	19.76 1.22 0.00	19.05 0.97 -1.93	18.67 0.94 -2.14	18.70 0.96 -1.14	21.28 1.20 0.00	24.72 1.53 0.00	27.03 1.65 -1.38	25.92 1.62 -2.75	24.80 1.70 -1.57	27.98 1.42 -6.27	27.64 1.41 -6.93	27.92 1.45 -6.86	27.94 1.51 -6.09	28.43 1.65 -5.32	29.64 1.70 -6.35	36.30 1.76 -11.97	42.52 1.84 -16.73	39.79 1.96 -11.41	35.12 1.78 -8.96	34.94 1.73 -8.90	29.72 1.59 -6.59	26.59 1.68 -3.43	24.69 1.45 -3.15
BARRETT_IC_12 23703	25.59 1.53 -3.73	19.76 1.22 0.00	19.05 0.97 -1.93	18.67 0.94 -2.14	18.70 0.96 -1.14	21.28 1.20 0.00	24.72 1.53 0.00	27.03 1.65 -1.38	25.92 1.62 -2.75	24.80 1.70 -1.57	27.98 1.42 -6.27	27.64 1.41 -6.93	27.92 1.45 -6.86	27.94 1.51 -6.09	28.43 1.65 -5.32	29.64 1.70 -6.35	36.30 1.76 -11.97	42.52 1.84 -16.73	39.79 1.96 -11.41	35.12 1.78 -8.96	34.94 1.73 -8.90	29.72 1.59 -6.59	26.59 1.68 -3.43	24.69 1.45 -3.15
BARRETT_IC_2 23705	25.59 1.53 -3.73	19.76 1.22 0.00	19.05 0.97 -1.93	18.67 0.94 -2.14	18.70 0.96 -1.14	21.28 1.20 0.00	24.72 1.53 0.00	27.03 1.65 -1.38	25.92 1.62 -2.75	24.80 1.70 -1.57	27.98 1.42 -6.27	27.64 1.41 -6.93	27.92 1.45 -6.86	27.94 1.51 -6.09	28.43 1.65 -5.32	29.64 1.70 -6.35	36.30 1.76 -11.97	42.52 1.84 -16.73	39.79 1.96 -11.41	35.12 1.78 -8.96	34.94 1.73 -8.90	29.72 1.59 -6.59	26.59 1.68 -3.43	24.69 1.45 -3.15
BARRETT_IC_3 23706	25.59 1.53 -3.73	19.76 1.22 0.00	19.05 0.97 -1.93	18.67 0.94 -2.14	18.70 0.96 -1.14	21.28 1.20 0.00	24.72 1.53 0.00	27.03 1.65 -1.38	25.92 1.62 -2.75	24.80 1.70 -1.57	27.98 1.42 -6.27	27.64 1.41 -6.93	27.92 1.45 -6.86	27.94 1.51 -6.09	28.43 1.65 -5.32	29.64 1.70 -6.35	36.30 1.76 -11.97	42.52 1.84 -16.73	39.79 1.96 -11.41	35.12 1.78 -8.96	34.94 1.73 -8.90	29.72 1.59 -6.59	26.59 1.68 -3.43	24.69 1.45 -3.15
BARRETT_IC_4 23707	25.59 1.53 -3.73	19.76 1.22 0.00	19.05 0.97 -1.93	18.67 0.94 -2.14	18.70 0.96 -1.14	21.28 1.20 0.00	24.72 1.53 0.00	27.03 1.65 -1.38	25.92 1.62 -2.75	24.80 1.70 -1.57	27.98 1.42 -6.27	27.64 1.41 -6.93	27.92 1.45 -6.86	27.94 1.51 -6.09	28.43 1.65 -5.32	29.64 1.70 -6.35	36.30 1.76 -11.97	42.52 1.84 -16.73	39.79 1.96 -11.41	35.12 1.78 -8.96	34.94 1.73 -8.90	29.72 1.59 -6.59	26.59 1.68 -3.43	24.69 1.45 -3.15
BARRETT_IC_5 23708	25.59 1.53 -3.73	19.76 1.22 0.00	19.05 0.97 -1.93	18.67 0.94 -2.14	18.70 0.96 -1.14	21.28 1.20 0.00	24.72 1.53 0.00	27.03 1.65 -1.38	25.92 1.62 -2.75	24.80 1.70 -1.57	27.98 1.42 -6.27	27.64 1.41 -6.93	27.92 1.45 -6.86	27.94 1.51 -6.09	28.43 1.65 -5.32	29.64 1.70 -6.35	36.30 1.76 -11.97	42.52 1.84 -16.73	39.79 1.96 -11.41	35.12 1.78 -8.96	34.94 1.73 -8.90	29.72 1.59 -6.59	26.59 1.68 -3.43	24.69 1.45 -3.15
BARRETT_IC_6 23709	25.59 1.53 -3.73	19.76 1.22 0.00	19.05 0.97 -1.93	18.67 0.94 -2.14	18.70 0.96 -1.14	21.28 1.20 0.00	24.72 1.53 0.00	27.03 1.65 -1.38	25.92 1.62 -2.75	24.80 1.70 -1.57	27.98 1.42 -6.27	27.64 1.41 -6.93	27.92 1.45 -6.86	27.94 1.51 -6.09	28.43 1.65 -5.32	29.64 1.70 -6.35	36.30 1.76 -11.97	42.52 1.84 -16.73	39.79 1.96 -11.41	35.12 1.78 -8.96	34.94 1.73 -8.90	29.72 1.59 -6.59	26.59 1.68 -3.43	24.69 1.45 -3.15

BARRETT_IC_7 23710	25.58 1.53 -3.72	19.76 1.22 0.00	19.05 0.97 -1.93	18.67 0.94 -2.14	18.70 0.96 -1.14	21.32 1.24 0.00	24.72 1.53 0.00	27.02 1.66 -1.37	25.92 1.62 -2.75	24.80 1.70 -1.57	27.98 1.42 -6.27	27.64 1.41 -6.93	27.92 1.45 -6.86	27.94 1.51 -6.09	28.43 1.65 -5.32	29.66 1.73 -6.35	36.30 1.76 -11.97	42.52 1.84 -16.73	39.79 1.96 -11.41	35.14 1.80 -8.96	34.97 1.75 -8.90	29.72 1.59 -6.59	26.59 1.68 -3.43	24.68 1.45 -3.15
BARRETT_IC_8 23711	25.59 1.53 -3.73	19.76 1.22 0.00	19.05 0.97 -1.93	18.67 0.94 -2.14	18.70 0.96 -1.14	21.28 1.20 0.00	24.72 1.53 0.00	27.03 1.65 -1.38	25.92 1.62 -2.75	24.80 1.70 -1.57	27.98 1.42 -6.27	27.64 1.41 -6.93	27.92 1.45 -6.86	27.94 1.51 -6.09	28.43 1.65 -5.32	29.64 1.70 -6.35	36.30 1.76 -11.97	42.52 1.84 -16.73	39.79 1.96 -11.41	35.12 1.78 -8.96	34.94 1.73 -8.90	29.72 1.59 -6.59	26.59 1.68 -3.43	24.69 1.45 -3.15
BARRETT_IC_9 23700	25.59 1.53 -3.73	19.76 1.22 0.00	19.05 0.97 -1.93	18.67 0.94 -2.14	18.70 0.96 -1.14	21.28 1.20 0.00	24.72 1.53 0.00	27.03 1.65 -1.38	25.92 1.62 -2.75	24.80 1.70 -1.57	27.98 1.42 -6.27	27.64 1.41 -6.93	27.92 1.45 -6.86	27.94 1.51 -6.09	28.43 1.65 -5.32	29.64 1.70 -6.35	36.30 1.76 -11.97	42.52 1.84 -16.73	39.79 1.96 -11.41	35.12 1.78 -8.96	34.94 1.73 -8.90	29.72 1.59 -6.59	26.59 1.68 -3.43	24.69 1.45 -3.15
BARRETT___1 23545	25.59 1.53 -3.73	19.76 1.22 0.00	19.05 0.97 -1.93	18.67 0.94 -2.14	18.70 0.96 -1.14	21.28 1.20 0.00	24.72 1.53 0.00	27.03 1.65 -1.38	25.92 1.62 -2.75	24.80 1.70 -1.57	27.98 1.42 -6.27	27.64 1.41 -6.93	27.92 1.45 -6.86	27.94 1.51 -6.09	28.43 1.65 -5.32	29.64 1.70 -6.35	36.30 1.76 -11.97	42.52 1.84 -16.73	39.79 1.96 -11.41	35.12 1.78 -8.96	34.94 1.73 -8.90	29.72 1.59 -6.59	26.59 1.68 -3.43	24.69 1.45 -3.15
BARRETT___2 23546	25.59 1.53 -3.73	19.76 1.22 0.00	19.05 0.97 -1.93	18.67 0.94 -2.14	18.70 0.96 -1.14	21.28 1.20 0.00	24.72 1.53 0.00	27.03 1.65 -1.38	25.92 1.62 -2.75	24.80 1.70 -1.57	27.98 1.42 -6.27	27.64 1.41 -6.93	27.92 1.45 -6.86	27.94 1.51 -6.09	28.43 1.65 -5.32	29.64 1.70 -6.35	36.30 1.76 -11.97	42.52 1.84 -16.73	39.79 1.96 -11.41	35.12 1.78 -8.96	34.94 1.73 -8.90	29.72 1.59 -6.59	26.59 1.68 -3.43	24.69 1.45 -3.15
BATAVIA___115KV_TB1 55881	20.38 0.00 -0.04	18.89 0.35 0.00	16.44 0.15 -0.15	15.91 0.16 -0.17	16.83 0.15 -0.09	20.36 0.28 0.00	23.75 0.56 0.00	24.42 0.43 0.00	22.01 0.28 -0.18	21.95 0.39 -0.03	20.57 0.28 0.00	19.36 0.02 -0.03	19.61 -0.02 -0.02	20.35 -0.06 -0.07	21.46 -0.02 -0.02	21.88 0.22 -0.09	23.01 0.25 -0.19	24.93 0.41 -0.57	27.06 0.32 -0.32	25.09 0.37 -0.34	24.80 0.49 0.00	21.88 0.26 -0.09	21.64 0.13 -0.02	20.67 0.58 0.00
BAYONEEC___CTG1 323682	21.96 1.10 -0.52	19.41 0.87 0.00	18.87 0.79 -1.93	18.48 0.75 -2.14	18.51 0.78 -1.14	20.84 0.76 0.00	24.19 1.00 0.00	25.10 1.10 0.00	25.07 1.16 -2.36	23.18 1.25 -0.40	21.39 1.09 0.00	20.78 1.08 -0.39	20.96 1.12 -0.23	22.40 1.20 -0.85	23.01 1.33 -0.21	24.13 1.42 -1.13	26.83 1.51 -2.74	33.72 1.51 -8.27	32.56 1.56 -4.57	30.71 1.41 -4.92	25.68 1.36 0.00	24.13 1.27 -1.33	23.06 1.27 -0.30	21.13 1.04 0.00
BAYONEEC___CTG10 323750	21.96 1.10 -0.52	19.41 0.87 0.00	18.87 0.79 -1.93	18.48 0.75 -2.14	18.51 0.78 -1.14	20.84 0.76 0.00	24.19 1.00 0.00	25.10 1.10 0.00	25.07 1.16 -2.36	23.18 1.25 -0.40	21.39 1.09 0.00	20.78 1.08 -0.39	20.96 1.12 -0.23	22.40 1.20 -0.85	23.01 1.33 -0.21	24.13 1.42 -1.13	26.83 1.51 -2.74	33.72 1.51 -8.27	32.56 1.56 -4.57	30.71 1.41 -4.92	25.68 1.36 0.00	24.13 1.27 -1.33	23.06 1.27 -0.30	21.13 1.04 0.00
BAYONEEC___CTG2 323683	21.96 1.10 -0.52	19.41 0.87 0.00	18.87 0.79 -1.93	18.48 0.75 -2.14	18.51 0.78 -1.14	20.84 0.76 0.00	24.19 1.00 0.00	25.10 1.10 0.00	25.07 1.16 -2.36	23.18 1.25 -0.40	21.39 1.09 0.00	20.78 1.08 -0.39	20.96 1.12 -0.23	22.40 1.20 -0.85	23.01 1.33 -0.21	24.13 1.42 -1.13	26.83 1.51 -2.74	33.72 1.51 -8.27	32.56 1.56 -4.57	30.71 1.41 -4.92	25.68 1.36 0.00	24.13 1.27 -1.33	23.06 1.27 -0.30	21.13 1.04 0.00
BAYONEEC___CTG3 323684	21.96 1.10 -0.52	19.41 0.87 0.00	18.87 0.79 -1.93	18.48 0.75 -2.14	18.51 0.78 -1.14	20.84 0.76 0.00	24.19 1.00 0.00	25.10 1.10 0.00	25.07 1.16 -2.36	23.18 1.25 -0.40	21.39 1.09 0.00	20.78 1.08 -0.39	20.96 1.12 -0.23	22.40 1.20 -0.85	23.01 1.33 -0.21	24.13 1.42 -1.13	26.83 1.51 -2.74	33.72 1.51 -8.27	32.56 1.56 -4.57	30.71 1.41 -4.92	25.68 1.36 0.00	24.13 1.27 -1.33	23.06 1.27 -0.30	21.13 1.04 0.00
BAYONEEC___CTG4 323685	21.96 1.10 -0.52	19.41 0.87 0.00	18.87 0.79 -1.93	18.48 0.75 -2.14	18.51 0.78 -1.14	20.84 0.76 0.00	24.19 1.00 0.00	25.10 1.10 0.00	25.07 1.16 -2.36	23.18 1.25 -0.40	21.39 1.09 0.00	20.78 1.08 -0.39	20.96 1.12 -0.23	22.40 1.20 -0.85	23.01 1.33 -0.21	24.13 1.42 -1.13	26.83 1.51 -2.74	33.72 1.51 -8.27	32.56 1.56 -4.57	30.71 1.41 -4.92	25.68 1.36 0.00	24.13 1.27 -1.33	23.06 1.27 -0.30	21.13 1.04 0.00
BAYONEEC___CTG5 323686	21.96 1.10 -0.52	19.41 0.87 0.00	18.87 0.79 -1.93	18.48 0.75 -2.14	18.51 0.78 -1.14	20.84 0.76 0.00	24.19 1.00 0.00	25.10 1.10 0.00	25.07 1.16 -2.36	23.18 1.25 -0.40	21.39 1.09 0.00	20.78 1.08 -0.39	20.96 1.12 -0.23	22.40 1.20 -0.85	23.01 1.33 -0.21	24.13 1.42 -1.13	26.83 1.51 -2.74	33.72 1.51 -8.27	32.56 1.56 -4.57	30.71 1.41 -4.92	25.68 1.36 0.00	24.13 1.27 -1.33	23.06 1.27 -0.30	21.13 1.04 0.00
BAYONEEC___CTG6 323687	21.96 1.10 -0.52	19.41 0.87 0.00	18.87 0.79 -1.93	18.48 0.75 -2.14	18.51 0.78 -1.14	20.84 0.76 0.00	24.19 1.00 0.00	25.10 1.10 0.00	25.07 1.16 -2.36	23.18 1.25 -0.40	21.39 1.09 0.00	20.78 1.08 -0.39	20.96 1.12 -0.23	22.40 1.20 -0.85	23.01 1.33 -0.21	24.13 1.42 -1.13	26.83 1.51 -2.74	33.72 1.51 -8.27	32.56 1.56 -4.57	30.71 1.41 -4.92	25.68 1.36 0.00	24.13 1.27 -1.33	23.06 1.27 -0.30	21.13 1.04 0.00
BAYONEEC___CTG7 323688	21.96 1.10 -0.52	19.41 0.87 0.00	18.87 0.79 -1.93	18.48 0.75 -2.14	18.51 0.78 -1.14	20.84 0.76 0.00	24.19 1.00 0.00	25.10 1.10 0.00	25.07 1.16 -2.36	23.18 1.25 -0.40	21.39 1.09 0.00	20.78 1.08 -0.39	20.96 1.12 -0.23	22.40 1.20 -0.85	23.01 1.33 -0.21	24.13 1.42 -1.13	26.83 1.51 -2.74	33.72 1.51 -8.27	32.56 1.56 -4.57	30.71 1.41 -4.92	25.68 1.36 0.00	24.13 1.27 -1.33	23.06 1.27 -0.30	21.13 1.04 0.00
BAYONEEC___CTG8 323689	21.96 1.10 -0.52	19.41 0.87 0.00	18.87 0.79 -1.93	18.48 0.75 -2.14	18.51 0.78 -1.14	20.84 0.76 0.00	24.19 1.00 0.00	25.10 1.10 0.00	25.07 1.16 -2.36	23.18 1.25 -0.40	21.39 1.09 0.00	20.78 1.08 -0.39	20.96 1.12 -0.23	22.40 1.20 -0.85	23.01 1.33 -0.21	24.13 1.42 -1.13	26.83 1.51 -2.74	33.72 1.51 -8.27	32.56 1.56 -4.57	30.71 1.41 -4.92	25.68 1.36 0.00	24.13 1.27 -1.33	23.06 1.27 -0.30	21.13 1.04 0.00

BAYONEEC___CTG9 323749	21.96 1.10 -0.52	19.41 0.87 0.00	18.87 0.79 -1.93	18.48 0.75 -2.14	18.51 0.78 -1.14	20.84 0.76 0.00	24.19 1.00 0.00	25.10 1.10 0.00	25.07 1.16 -2.36	23.18 1.25 -0.40	21.39 1.09 0.00	20.78 1.08 -0.39	20.96 1.12 -0.23	22.40 1.20 -0.85	23.01 1.33 -0.21	24.13 1.42 -1.13	26.83 1.51 -2.74	33.72 1.51 -8.27	32.56 1.56 -4.57	30.71 1.41 -4.92	25.68 1.36 0.00	24.13 1.27 -1.33	23.06 1.27 -0.30	21.13 1.04 0.00
BEACON___LESR 323632	21.60 0.59 -0.67	19.13 0.59 0.00	19.13 0.52 -2.47	18.83 0.50 -2.74	18.60 0.55 -1.46	20.70 0.62 0.00	24.05 0.86 0.00	24.93 0.93 0.00	25.32 0.75 -3.01	22.71 0.67 -0.51	20.92 0.63 0.00	20.43 0.62 -0.50	20.54 0.63 -0.30	22.09 0.65 -1.09	22.38 0.64 -0.27	23.70 0.67 -1.45	26.80 0.72 -3.51	35.31 0.79 -10.58	33.20 0.92 -5.85	31.52 0.85 -6.29	25.17 0.85 0.00	23.94 0.71 -1.70	22.58 0.71 -0.39	20.67 0.58 0.00
BEAVER RIVER___HYD 24048	20.25 -0.10 -0.01	18.43 -0.11 0.00	16.10 -0.10 -0.05	15.53 -0.11 -0.05	16.54 -0.08 -0.03	20.10 0.02 0.00	23.42 0.23 0.00	24.26 0.26 0.00	21.67 0.06 -0.06	21.45 -0.09 -0.01	20.15 -0.14 0.00	19.12 -0.19 -0.01	19.38 -0.23 -0.01	20.18 -0.18 -0.02	21.21 -0.26 -0.01	21.52 -0.09 -0.03	22.58 -0.05 -0.05	24.08 -0.02 -0.16	26.62 0.11 -0.09	24.60 0.12 -0.10	24.41 0.10 0.00	21.60 0.04 -0.03	21.47 -0.02 -0.01	20.07 -0.02 0.00
BEEBEE_GT_13 23619	20.33 -0.04 -0.04	18.61 0.07 0.00	16.34 0.06 -0.13	15.81 0.08 -0.15	16.75 0.08 -0.08	20.10 0.02 0.00	23.47 0.28 0.00	24.21 0.22 0.00	21.95 0.24 -0.16	21.79 0.24 -0.03	20.43 0.14 0.00	19.33 0.00 -0.03	19.61 -0.02 -0.02	20.40 0.00 -0.06	21.44 -0.04 -0.01	21.85 0.19 -0.08	22.98 0.25 -0.16	24.77 0.34 -0.49	26.99 0.29 -0.27	24.96 0.29 -0.29	24.66 0.34 0.00	21.82 0.22 -0.08	21.57 0.06 -0.02	20.37 0.28 0.00
BENSHRST_27_KV_BENSHRST_1 355998	22.14 1.28 -0.52	19.50 0.96 0.00	18.95 0.87 -1.93	18.54 0.81 -2.14	18.58 0.85 -1.14	20.94 0.86 0.00	24.17 0.97 0.00	25.19 1.20 0.00	25.22 1.31 -2.36	23.37 1.44 -0.40	21.55 1.26 0.00	20.97 1.27 -0.39	21.14 1.29 -0.23	22.56 1.36 -0.85	23.20 1.52 -0.21	24.35 1.64 -1.13	27.05 1.74 -2.74	33.99 1.77 -8.27	32.82 1.82 -4.57	30.93 1.63 -4.92	25.82 1.51 0.00	24.30 1.44 -1.33	23.25 1.46 -0.30	21.31 1.23 0.00
BETHLEHEM___GRP 23843	21.31 0.31 -0.67	18.89 0.35 0.00	18.93 0.31 -2.47	18.63 0.30 -2.75	18.39 0.33 -1.46	20.42 0.34 0.00	23.63 0.44 0.00	24.50 0.50 0.00	24.96 0.39 -3.02	22.39 0.34 -0.51	20.61 0.32 0.00	20.16 0.35 -0.50	20.26 0.35 -0.30	21.81 0.37 -1.09	22.08 0.34 -0.27	23.35 0.32 -1.45	26.43 0.34 -3.51	34.90 0.36 -10.60	32.71 0.42 -5.86	31.07 0.39 -6.30	24.68 0.36 0.00	23.56 0.32 -1.71	22.22 0.34 -0.39	20.33 0.24 0.00
BETHLEHEM___GS1 323560	21.31 0.31 -0.67	18.89 0.35 0.00	18.93 0.31 -2.47	18.63 0.30 -2.75	18.39 0.33 -1.46	20.40 0.32 0.00	23.63 0.44 0.00	24.50 0.50 0.00	24.96 0.39 -3.02	22.39 0.34 -0.51	20.61 0.32 0.00	20.16 0.35 -0.50	20.26 0.35 -0.30	21.81 0.37 -1.09	22.08 0.34 -0.27	23.35 0.32 -1.45	26.43 0.34 -3.51	34.90 0.36 -10.60	32.71 0.42 -5.86	31.07 0.39 -6.30	24.68 0.37 0.00	23.56 0.32 -1.71	22.22 0.34 -0.39	20.33 0.24 0.00
BETHLEHEM___GS2 323561	21.31 0.31 -0.67	18.89 0.35 0.00	18.93 0.31 -2.47	18.63 0.30 -2.75	18.39 0.33 -1.46	20.40 0.32 0.00	23.63 0.44 0.00	24.50 0.50 0.00	24.96 0.39 -3.02	22.39 0.34 -0.51	20.61 0.32 0.00	20.16 0.35 -0.50	20.26 0.35 -0.30	21.81 0.37 -1.09	22.08 0.34 -0.27	23.35 0.32 -1.45	26.43 0.34 -3.51	34.90 0.36 -10.60	32.71 0.42 -5.86	31.07 0.39 -6.30	24.68 0.37 0.00	23.56 0.32 -1.71	22.22 0.34 -0.39	20.33 0.24 0.00
BETHLEHEM___GS3 323562	21.31 0.31 -0.67	18.89 0.35 0.00	18.93 0.31 -2.47	18.63 0.30 -2.75	18.39 0.33 -1.46	20.40 0.32 0.00	23.63 0.44 0.00	24.50 0.50 0.00	24.96 0.39 -3.02	22.39 0.34 -0.51	20.61 0.32 0.00	20.16 0.35 -0.50	20.26 0.35 -0.30	21.81 0.37 -1.09	22.08 0.34 -0.27	23.35 0.32 -1.45	26.43 0.34 -3.51	34.90 0.36 -10.60	32.71 0.42 -5.86	31.07 0.39 -6.30	24.68 0.37 0.00	23.56 0.32 -1.71	22.22 0.34 -0.39	20.33 0.24 0.00
BETHLEHEM___STEEL 23779	20.06 -0.33 -0.05	18.65 0.11 0.00	16.16 -0.16 -0.17	15.66 -0.11 -0.19	16.54 -0.15 -0.10	20.08 0.00 0.00	23.47 0.28 0.00	24.06 0.07 0.00	21.61 -0.15 -0.21	21.67 0.11 -0.03	20.35 0.06 0.00	19.17 -0.17 -0.03	19.41 -0.22 -0.02	20.05 -0.37 -0.07	21.23 -0.26 -0.02	21.50 -0.17 -0.10	22.66 -0.14 -0.22	24.57 -0.05 -0.67	26.56 -0.24 -0.37	24.61 -0.17 -0.40	24.46 0.15 0.00	21.44 -0.19 -0.11	21.36 -0.15 -0.02	20.43 0.34 0.00
BETHLHEM_115KV_TB1 79974	21.38 0.37 -0.67	18.93 0.39 0.00	18.96 0.34 -2.47	18.68 0.34 -2.75	18.42 0.36 -1.47	20.48 0.40 0.00	23.70 0.51 0.00	24.54 0.55 0.00	25.02 0.45 -3.02	22.45 0.41 -0.51	20.68 0.39 0.00	20.22 0.41 -0.51	20.32 0.41 -0.30	21.85 0.41 -1.09	22.15 0.41 -0.27	23.44 0.41 -1.45	26.49 0.41 -3.51	35.00 0.45 -10.60	32.79 0.50 -5.86	31.15 0.46 -6.30	24.78 0.46 0.00	23.62 0.39 -1.71	22.28 0.41 -0.39	20.39 0.30 0.00
BETHPAGE_CC_5 323564	25.72 1.67 -3.72	19.91 1.37 0.00	19.16 1.08 -1.93	18.77 1.04 -2.14	18.80 1.06 -1.14	21.48 1.41 0.00	24.91 1.72 0.00	27.21 1.85 -1.37	26.14 1.83 -2.75	25.00 1.90 -1.57	28.16 1.60 -6.27	27.82 1.58 -6.93	28.12 1.65 -6.86	28.14 1.71 -6.09	28.61 1.82 -5.32	29.88 1.92 -6.38	36.77 2.01 -12.19	42.82 2.11 -16.76	40.12 2.25 -11.45	35.60 2.05 -9.18	35.37 1.97 -9.09	29.93 1.79 -6.62	26.76 1.85 -3.43	24.80 1.57 -3.15
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	20.02 -0.37 -0.05	18.67 0.13 0.00	16.12 -0.19 -0.17	15.63 -0.14 -0.19	16.51 -0.18 -0.10	20.08 0.00 0.00	23.49 0.30 0.00	24.09 0.10 0.00	21.59 -0.17 -0.21	21.67 0.11 -0.04	20.37 0.08 0.00	19.19 -0.15 -0.03	19.43 -0.20 -0.02	20.04 -0.39 -0.08	21.25 -0.24 -0.02	21.48 -0.19 -0.10	22.64 -0.16 -0.22	24.57 -0.05 -0.68	26.54 -0.26 -0.37	24.61 -0.17 -0.40	24.49 0.17 0.00	21.42 -0.22 -0.11	21.38 -0.13 -0.02	20.43 0.34 0.00
BINGHAMTON___COGEN 23790	20.50 0.08 -0.09	18.73 0.19 0.00	16.53 0.06 -0.32	16.01 0.08 -0.35	16.84 0.07 -0.19	20.24 0.16 0.00	23.56 0.37 0.00	24.33 0.34 0.00	22.13 0.19 -0.38	21.85 0.26 -0.07	20.49 0.20 0.00	19.49 0.12 -0.06	19.77 0.12 -0.04	20.55 0.06 -0.14	21.63 0.13 -0.03	21.96 0.19 -0.18	23.23 0.23 -0.43	25.47 0.24 -1.29	27.35 0.21 -0.71	25.36 0.22 -0.76	24.68 0.36 0.00	21.93 0.19 -0.21	21.70 0.17 -0.05	20.33 0.24 0.00
BIXINCNT_115KV_LOAD 355685	20.02 -0.37 -0.05	18.73 0.19 0.00	16.08 -0.24 -0.18	15.60 -0.19 -0.20	16.48 -0.22 -0.11	20.18 0.10 0.00	23.68 0.49 0.00	24.30 0.31 0.00	21.64 -0.13 -0.22	21.83 0.26 -0.04	20.53 0.24 0.00	19.30 -0.04 -0.04	19.55 -0.08 -0.02	20.06 -0.37 -0.08	21.38 -0.11 -0.02	21.51 -0.17 -0.10	22.74 -0.07 -0.24	24.66 0.00 -0.72	26.64 -0.18 -0.40	24.69 -0.12 -0.43	24.63 0.32 0.00	21.47 -0.17 -0.12	21.51 0.00 -0.03	20.55 0.46 0.00

BLACK RIVER___HYD 24047	20.50 0.14 -0.02	18.65 0.11 0.00	16.31 0.10 -0.06	15.73 0.08 -0.07	16.75 0.12 -0.04	20.38 0.30 0.00	23.84 0.65 0.00	24.69 0.70 0.00	22.02 0.39 -0.08	21.74 0.19 -0.01	20.39 0.10 0.00	19.32 0.00 -0.01	19.58 -0.04 -0.01	20.42 0.04 -0.03	21.43 -0.04 -0.01	21.77 0.15 -0.04	22.90 0.25 -0.07	24.48 0.31 -0.22	27.05 0.50 -0.12	25.03 0.51 -0.13	24.83 0.51 0.00	21.93 0.37 -0.04	21.79 0.30 -0.01	20.37 0.28 0.00
BLACKRVR_115KV_TB2 79977	20.50 0.14 -0.02	18.65 0.11 0.00	16.31 0.10 -0.06	15.73 0.08 -0.07	16.74 0.12 -0.04	20.38 0.30 0.00	23.84 0.65 0.00	24.71 0.72 0.00	22.02 0.39 -0.08	21.74 0.19 -0.01	20.39 0.10 0.00	19.32 0.00 -0.01	19.58 -0.04 -0.01	20.39 0.02 -0.03	21.43 -0.04 -0.01	21.79 0.17 -0.04	22.89 0.25 -0.07	24.48 0.31 -0.22	27.05 0.50 -0.12	25.02 0.51 -0.13	24.83 0.51 0.00	21.93 0.37 -0.04	21.79 0.30 -0.01	20.37 0.28 0.00
BLISS_WT_PWR 323608	20.04 -0.35 -0.05	18.74 0.20 0.00	16.10 -0.23 -0.18	15.61 -0.17 -0.20	16.50 -0.20 -0.11	20.24 0.16 0.00	23.70 0.51 0.00	24.35 0.36 0.00	21.66 -0.11 -0.22	21.72 0.15 -0.04	20.55 0.26 0.00	19.28 -0.06 -0.04	19.59 -0.04 -0.02	20.08 -0.35 -0.08	21.42 -0.06 -0.02	21.42 -0.26 -0.10	22.77 -0.05 -0.24	24.69 0.02 -0.72	26.67 -0.16 -0.40	24.71 -0.10 -0.43	24.66 0.34 0.00	21.54 -0.11 -0.12	21.53 0.02 -0.03	20.55 0.46 0.00
BLUESTONE___WT_PWR 323821	21.39 0.96 -0.10	19.45 0.91 0.00	17.22 0.71 -0.36	16.67 0.69 -0.40	17.55 0.75 -0.21	21.12 1.04 0.00	24.81 1.62 0.00	25.67 1.68 0.00	23.17 1.18 -0.44	22.64 1.03 -0.07	21.18 0.89 0.00	20.07 0.69 -0.07	20.30 0.65 -0.04	21.28 0.77 -0.16	22.28 0.77 -0.04	22.89 1.10 -0.21	24.31 1.24 -0.49	26.75 1.32 -1.48	28.78 1.53 -0.82	26.70 1.44 -0.88	25.85 1.53 0.00	22.95 1.18 -0.24	22.66 1.12 -0.05	21.19 1.10 0.00
BLUE_CIRC_CHEM_DRP 24182	21.67 0.67 -0.66	19.19 0.65 0.00	19.17 0.58 -2.44	18.85 0.56 -2.70	18.65 0.61 -1.44	20.80 0.72 0.00	24.05 0.86 0.00	24.90 0.91 0.00	25.28 0.75 -2.97	22.72 0.69 -0.50	20.92 0.63 0.00	20.44 0.64 -0.50	20.53 0.63 -0.30	22.07 0.65 -1.08	22.42 0.69 -0.27	23.70 0.69 -1.43	26.76 0.72 -3.46	35.17 0.79 -10.44	33.12 0.92 -5.77	31.44 0.85 -6.20	25.14 0.83 0.00	23.92 0.71 -1.68	22.60 0.73 -0.38	20.67 0.58 0.00
BOC_GAS_DRP 24189	21.56 0.55 -0.67	19.04 0.50 0.00	19.08 0.45 -2.48	18.78 0.44 -2.75	18.52 0.46 -1.47	20.62 0.54 0.00	23.82 0.63 0.00	24.66 0.67 0.00	25.16 0.58 -3.03	22.62 0.58 -0.51	20.80 0.51 0.00	20.33 0.52 -0.51	20.44 0.53 -0.30	21.99 0.55 -1.10	22.32 0.58 -0.27	23.62 0.58 -1.46	26.71 0.61 -3.52	35.22 0.65 -10.63	33.02 0.71 -5.87	31.36 0.66 -6.32	24.95 0.63 0.00	23.80 0.56 -1.71	22.43 0.56 -0.39	20.55 0.46 0.00
BOONVILLE_115KV_TB1 79983	20.63 0.28 -0.01	18.78 0.24 0.00	16.40 0.21 -0.04	15.82 0.19 -0.04	16.85 0.23 -0.02	20.44 0.36 0.00	23.79 0.60 0.00	24.64 0.65 0.00	21.99 0.39 -0.05	21.82 0.28 -0.01	20.53 0.24 0.00	19.45 0.14 -0.01	19.73 0.12 0.00	20.55 0.18 -0.02	21.62 0.15 0.00	21.90 0.30 -0.02	22.91 0.34 0.00	24.28 0.34 0.00	26.88 0.45 0.00	24.80 0.41 0.00	24.73 0.41 0.00	21.85 0.32 0.00	21.77 0.28 0.00	20.39 0.30 0.00
BORALEX_4TH_BRANCH 23824	22.00 1.00 -0.67	19.47 0.93 0.00	19.36 0.76 -2.45	19.04 0.73 -2.72	18.82 0.78 -1.45	20.98 0.90 0.00	24.35 1.16 0.00	25.22 1.22 0.00	25.55 1.01 -2.99	23.01 0.97 -0.51	21.16 0.87 0.00	20.68 0.87 -0.50	20.79 0.88 -0.30	22.35 0.92 -1.08	22.68 0.94 -0.27	23.96 0.95 -1.44	27.07 1.02 -3.48	35.54 1.10 -10.49	33.44 1.22 -5.80	31.76 1.15 -6.24	25.41 1.10 0.00	24.19 0.97 -1.69	22.81 0.94 -0.38	20.89 0.80 0.00
BOWLINE___1 23526	21.77 0.94 -0.50	19.32 0.78 0.00	18.64 0.66 -1.83	18.26 0.64 -2.04	18.34 0.66 -1.09	20.78 0.70 0.00	24.12 0.93 0.00	24.98 0.98 0.00	24.76 0.97 -2.24	22.96 1.05 -0.38	21.22 0.93 0.00	20.57 0.89 -0.37	20.77 0.94 -0.22	22.13 0.98 -0.81	22.74 1.07 -0.20	23.82 1.16 -1.08	26.39 1.22 -2.60	33.04 1.24 -7.85	32.06 1.29 -4.34	30.22 1.17 -4.67	25.48 1.17 0.00	23.87 1.08 -1.26	22.80 1.03 -0.29	20.95 0.86 0.00
BOWLINE___2 23595	21.77 0.94 -0.50	19.32 0.78 0.00	18.64 0.66 -1.83	18.26 0.64 -2.04	18.34 0.66 -1.09	20.78 0.70 0.00	24.12 0.93 0.00	24.98 0.98 0.00	24.76 0.97 -2.24	22.96 1.05 -0.38	21.22 0.93 0.00	20.57 0.89 -0.37	20.77 0.94 -0.22	22.13 0.98 -0.81	22.76 1.09 -0.20	23.82 1.16 -1.08	26.42 1.24 -2.60	33.04 1.24 -7.85	32.06 1.29 -4.34	30.22 1.17 -4.67	25.48 1.17 0.00	23.87 1.08 -1.26	22.80 1.03 -0.29	20.95 0.86 0.00
BRADY___115KV_TB2 356060	20.15 -0.18 0.00	18.34 -0.20 0.00	16.00 -0.15 0.00	15.41 -0.17 0.00	16.42 -0.17 0.00	19.92 -0.16 0.00	22.94 -0.26 0.00	23.73 -0.26 0.00	21.27 -0.28 0.00	21.14 -0.39 0.00	20.01 -0.28 0.00	19.00 -0.31 0.00	19.33 -0.27 0.00	20.06 -0.28 0.00	21.16 -0.30 0.00	21.23 -0.35 0.00	22.26 -0.32 0.00	23.63 -0.31 0.00	26.19 -0.24 0.00	24.16 -0.22 0.00	24.02 -0.29 0.00	21.27 -0.26 0.00	21.19 -0.30 0.00	19.91 -0.18 0.00
BRANSCOMB___SOLAR 323811	22.12 1.10 -0.68	19.52 0.98 0.00	19.53 0.87 -2.51	19.19 0.83 -2.78	18.97 0.90 -1.48	21.22 1.14 0.00	24.63 1.44 0.00	25.46 1.46 0.00	25.82 1.21 -3.06	23.17 1.12 -0.52	21.24 0.95 0.00	20.76 0.95 -0.51	20.80 0.88 -0.30	22.37 0.92 -1.11	22.68 0.94 -0.28	24.02 0.97 -1.47	27.19 1.06 -3.56	35.93 1.24 -10.74	33.79 1.43 -5.94	32.13 1.36 -6.38	25.68 1.36 0.00	24.49 1.23 -1.73	23.06 1.18 -0.39	21.11 1.02 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	26.03 1.97 -3.72	20.17 1.63 0.00	19.36 1.28 -1.93	18.98 1.25 -2.14	19.01 1.28 -1.14	21.76 1.69 0.00	25.26 2.06 0.00	27.55 2.18 -1.37	26.46 2.16 -2.75	25.34 2.24 -1.57	28.37 1.81 -6.27	28.07 1.83 -6.93	28.35 1.88 -6.86	28.39 1.95 -6.09	28.89 2.10 -5.32	30.36 2.24 -6.54	38.49 2.33 -13.59	43.33 2.44 -16.95	40.73 2.62 -11.69	37.39 2.41 -10.59	36.96 2.36 -10.29	30.23 2.07 -6.64	27.15 2.23 -3.43	25.12 1.89 -3.15
BRISTLHL_115KV_TB1 79998	20.53 0.16 -0.03	18.73 0.19 0.00	16.39 0.15 -0.10	15.85 0.16 -0.11	16.82 0.17 -0.06	20.34 0.26 0.00	23.63 0.44 0.00	24.47 0.48 0.00	21.97 0.30 -0.12	21.83 0.28 -0.02	20.53 0.24 0.00	19.48 0.15 -0.02	19.76 0.14 -0.01	20.53 0.14 -0.04	21.60 0.13 -0.01	21.87 0.24 -0.06	23.00 0.32 -0.11	24.62 0.34 -0.34	26.99 0.37 -0.19	24.98 0.39 -0.20	24.73 0.41 0.00	21.91 0.32 -0.06	21.76 0.26 -0.01	20.37 0.28 0.00
BROOKHAVEN___DRP 24191	26.09 2.03 -3.72	20.25 1.71 0.00	19.40 1.32 -1.93	19.02 1.29 -2.14	19.06 1.33 -1.14	21.85 1.77 0.00	25.33 2.13 0.00	27.64 2.28 -1.37	26.57 2.26 -2.75	25.43 2.33 -1.57	28.43 1.87 -6.27	28.14 1.91 -6.93	28.43 1.96 -6.86	28.47 2.03 -6.09	28.99 2.21 -5.32	31.15 2.42 -7.15	43.94 2.46 -18.90	44.16 2.59 -17.63	41.80 2.77 -12.60	42.94 2.58 -15.97	41.67 2.50 -14.85	30.58 2.22 -6.83	27.26 2.34 -3.43	25.22 1.99 -3.15





CARR STREET_E_SYR 24060	20.20 -0.16 -0.03	18.43 -0.11 0.00	16.14 -0.11 -0.10	15.59 -0.11 -0.12	16.54 -0.12 -0.06	19.98 -0.10 0.00	23.19 0.00 0.00	23.99 0.00 0.00	21.64 -0.04 -0.13	21.47 -0.09 -0.02	20.21 -0.08 0.00	19.21 -0.12 -0.02	19.49 -0.14 -0.01	20.25 -0.14 -0.05	21.33 -0.15 -0.01	21.55 -0.09 -0.06	22.67 -0.02 -0.12	24.32 0.00 -0.37	26.60 -0.03 -0.20	24.60 0.00 -0.22	24.34 0.02 0.00	21.59 0.00 -0.06	21.44 -0.06 -0.01	20.05 -0.04 0.00
CARTHAGE___PAPER 23857	20.31 -0.04 -0.02	18.47 -0.07 0.00	16.16 -0.05 -0.06	15.59 -0.06 -0.06	16.59 -0.03 -0.03	20.18 0.10 0.00	23.54 0.35 0.00	24.40 0.41 0.00	21.79 0.17 -0.07	21.54 0.00 -0.01	20.21 -0.08 0.00	19.18 -0.13 -0.01	19.44 -0.18 -0.01	20.25 -0.12 -0.02	21.28 -0.19 -0.01	21.59 -0.02 -0.03	22.68 0.05 -0.07	24.24 0.10 -0.20	26.80 0.26 -0.11	24.77 0.27 -0.12	24.56 0.24 0.00	21.71 0.15 -0.03	21.60 0.11 -0.01	20.15 0.06 0.00
CASSADAGA_WT_PWR 323784	20.47 0.08 -0.05	19.13 0.59 0.00	16.50 0.18 -0.18	16.02 0.23 -0.20	16.90 0.20 -0.11	20.64 0.56 0.00	24.14 0.95 0.00	24.85 0.86 0.00	22.22 0.45 -0.22	22.21 0.65 -0.04	21.02 0.73 0.00	19.73 0.39 -0.04	20.00 0.37 -0.02	20.61 0.18 -0.08	21.85 0.36 -0.02	21.98 0.30 -0.10	23.35 0.54 -0.24	25.33 0.67 -0.71	27.35 0.53 -0.39	25.34 0.54 -0.42	25.19 0.87 0.00	22.10 0.45 -0.11	21.96 0.45 -0.03	20.93 0.84 0.00
CE_DUNWOOD___DRP 24194	21.92 1.06 -0.52	19.41 0.87 0.00	18.83 0.76 -1.92	18.44 0.72 -2.14	18.49 0.76 -1.14	20.94 0.86 0.00	24.24 1.04 0.00	25.10 1.10 0.00	25.02 1.12 -2.35	23.13 1.21 -0.40	21.35 1.06 0.00	20.74 1.04 -0.39	20.92 1.08 -0.23	22.32 1.12 -0.85	22.92 1.24 -0.21	24.04 1.34 -1.13	26.70 1.40 -2.73	33.60 1.41 -8.24	32.46 1.48 -4.55	30.62 1.34 -4.90	25.65 1.34 0.00	24.06 1.21 -1.33	22.97 1.18 -0.30	21.07 0.98 0.00
CE_MILLWOOD___DRP 24193	21.87 1.02 -0.52	19.39 0.85 0.00	18.79 0.73 -1.91	18.41 0.70 -2.12	18.45 0.73 -1.13	20.90 0.82 0.00	24.19 1.00 0.00	25.05 1.06 0.00	24.96 1.08 -2.33	23.09 1.16 -0.40	21.30 1.01 0.00	20.68 0.98 -0.39	20.88 1.04 -0.23	22.27 1.08 -0.84	22.88 1.20 -0.21	23.99 1.29 -1.12	26.62 1.33 -2.71	33.49 1.36 -8.18	32.38 1.43 -4.52	30.54 1.29 -4.86	25.60 1.29 0.00	24.01 1.16 -1.32	22.92 1.14 -0.30	21.03 0.94 0.00
CE_NYC2_DRP 24202	22.00 1.14 -0.52	19.41 0.87 0.00	18.87 0.79 -1.93	18.46 0.73 -2.14	18.51 0.78 -1.14	20.90 0.82 0.00	24.12 0.93 0.00	25.10 1.10 0.00	25.09 1.19 -2.36	23.24 1.31 -0.40	21.43 1.14 0.00	20.86 1.16 -0.39	21.02 1.18 -0.23	22.42 1.22 -0.85	23.05 1.37 -0.21	24.18 1.47 -1.13	26.87 1.56 -2.74	33.77 1.56 -8.27	32.58 1.59 -4.57	30.73 1.44 -4.92	25.65 1.34 0.00	24.13 1.27 -1.33	23.10 1.31 -0.30	21.21 1.12 0.00
CE_NYC_DRP 24195	21.98 1.12 -0.52	19.43 0.89 0.00	18.89 0.81 -1.93	18.49 0.76 -2.14	18.55 0.81 -1.14	20.94 0.86 0.00	24.21 1.02 0.00	25.14 1.15 0.00	25.11 1.21 -2.36	23.24 1.31 -0.40	21.43 1.14 0.00	20.82 1.12 -0.39	21.00 1.16 -0.23	22.42 1.22 -0.85	23.05 1.37 -0.21	24.20 1.49 -1.13	26.85 1.53 -2.74	33.77 1.56 -8.27	32.61 1.61 -4.57	30.76 1.46 -4.92	25.73 1.41 0.00	24.17 1.31 -1.33	23.10 1.31 -0.30	21.15 1.06 0.00
CHAFFEE___LFGE 323603	20.02 -0.37 -0.05	18.67 0.13 0.00	16.13 -0.19 -0.17	15.64 -0.14 -0.19	16.51 -0.18 -0.10	20.14 0.06 0.00	23.49 0.30 0.00	24.11 0.12 0.00	21.59 -0.17 -0.21	21.54 -0.02 -0.04	20.37 0.08 0.00	19.17 -0.17 -0.04	19.43 -0.20 -0.02	20.06 -0.37 -0.08	21.25 -0.24 -0.02	21.40 -0.28 -0.10	22.67 -0.13 -0.23	24.61 -0.02 -0.69	26.60 -0.21 -0.38	24.65 -0.15 -0.41	24.51 0.19 0.00	21.49 -0.15 -0.11	21.36 -0.15 -0.03	20.43 0.34 0.00
CHATEAUG_35_KV_LOAD 355732	20.48 0.14 0.00	18.67 0.13 0.00	16.31 0.16 0.00	15.71 0.12 0.00	16.76 0.17 0.00	20.34 0.26 0.00	23.42 0.23 0.00	24.02 0.02 0.00	21.68 0.13 0.00	21.62 0.09 0.00	20.37 0.08 0.00	19.46 0.15 0.00	19.84 0.24 0.00	20.55 0.20 0.00	21.70 0.24 0.00	21.71 0.13 0.00	22.78 0.20 0.00	24.19 0.24 0.00	27.09 0.66 0.00	24.94 0.56 0.00	24.80 0.49 0.00	21.98 0.45 0.00	21.81 0.32 0.00	20.47 0.38 0.00
CHATEAUG_WT_PWR 323614	20.48 0.14 0.00	18.67 0.13 0.00	16.31 0.16 0.00	15.71 0.12 0.00	16.76 0.17 0.00	20.40 0.32 0.00	23.45 0.26 0.00	23.99 0.00 0.00	21.68 0.13 0.00	21.64 0.11 0.00	20.37 0.08 0.00	19.46 0.15 0.00	19.83 0.22 0.00	20.53 0.18 0.00	21.68 0.21 0.00	21.73 0.15 0.00	22.75 0.18 0.00	24.19 0.24 0.00	27.09 0.66 0.00	24.96 0.58 0.00	24.80 0.49 0.00	21.98 0.45 0.00	21.83 0.34 0.00	20.47 0.38 0.00
CHAT_HIGH_FALL_HYD 323578	20.48 0.14 0.00	18.67 0.13 0.00	16.31 0.16 0.00	15.71 0.12 0.00	16.76 0.17 0.00	20.38 0.30 0.00	23.42 0.23 0.00	24.02 0.02 0.00	21.68 0.13 0.00	21.64 0.11 0.00	20.37 0.08 0.00	19.46 0.15 0.00	19.85 0.24 0.00	20.55 0.20 0.00	21.70 0.24 0.00	21.73 0.15 0.00	22.78 0.20 0.00	24.19 0.24 0.00	27.09 0.66 0.00	24.94 0.56 0.00	24.80 0.49 0.00	21.96 0.43 0.00	21.81 0.32 0.00	20.47 0.38 0.00
CHAUTAUQUA___LFGE 323629	20.32 -0.06 -0.05	18.93 0.39 0.00	16.39 0.06 -0.17	15.89 0.11 -0.19	16.76 0.07 -0.10	20.44 0.36 0.00	23.84 0.65 0.00	24.52 0.53 0.00	22.00 0.24 -0.21	21.93 0.37 -0.04	20.74 0.45 0.00	19.50 0.15 -0.04	19.79 0.16 -0.02	20.42 0.00 -0.08	21.61 0.13 -0.02	21.77 0.09 -0.10	23.10 0.29 -0.23	25.05 0.41 -0.70	27.08 0.26 -0.39	25.07 0.27 -0.42	24.90 0.58 0.00	21.88 0.24 -0.11	21.73 0.21 -0.03	20.71 0.62 0.00
CHERRYST_13_KV_LD 356241	22.04 1.18 -0.52	19.49 0.95 0.00	18.92 0.84 -1.93	18.52 0.79 -2.14	18.58 0.85 -1.14	20.98 0.90 0.00	24.28 1.09 0.00	25.22 1.22 0.00	25.18 1.27 -2.36	23.31 1.38 -0.40	21.49 1.20 0.00	20.90 1.20 -0.39	21.06 1.22 -0.23	22.48 1.28 -0.85	23.12 1.44 -0.21	24.26 1.55 -1.13	26.94 1.63 -2.74	33.84 1.63 -8.27	32.69 1.69 -4.57	30.83 1.54 -4.92	25.80 1.48 0.00	24.24 1.38 -1.33	23.14 1.35 -0.30	21.19 1.10 0.00
CHESTROR_138KV_BK263 355645	21.59 0.79 -0.46	19.19 0.65 0.00	18.40 0.55 -1.70	18.00 0.53 -1.89	18.16 0.56 -1.01	20.72 0.64 0.00	23.98 0.79 0.00	24.83 0.84 0.00	24.47 0.84 -2.08	22.79 0.90 -0.35	21.06 0.77 0.00	20.41 0.75 -0.35	20.60 0.78 -0.21	21.91 0.81 -0.75	22.55 0.90 -0.19	23.57 0.99 -1.00	26.00 1.02 -2.41	32.28 1.05 -7.28	31.56 1.11 -4.03	29.73 1.02 -4.33	25.34 1.02 0.00	23.63 0.93 -1.17	22.65 0.90 -0.27	20.81 0.72 0.00
CH_MIDHUDSON___DRP 24192	21.87 1.00 -0.54	19.37 0.83 0.00	18.85 0.71 -1.99	18.48 0.69 -2.21	18.48 0.71 -1.18	20.92 0.84 0.00	24.19 1.00 0.00	25.07 1.08 0.00	24.99 1.01 -2.43	23.00 1.05 -0.41	21.22 0.93 0.00	20.62 0.91 -0.41	20.79 0.94 -0.24	22.20 0.98 -0.88	22.76 1.07 -0.22	23.91 1.17 -1.17	26.59 1.20 -2.82	33.71 1.25 -8.52	32.48 1.35 -4.71	30.69 1.24 -5.06	25.53 1.22 0.00	24.00 1.10 -1.37	22.87 1.07 -0.31	20.99 0.90 0.00

CH_MISC_IPPS 23765	21.92 1.06 -0.52	19.43 0.89 0.00	18.82 0.74 -1.93	18.45 0.72 -2.14	18.50 0.76 -1.14	20.94 0.86 0.00	24.26 1.07 0.00	25.14 1.15 0.00	24.98 1.08 -2.36	23.03 1.10 -0.40	21.26 0.97 0.00	20.65 0.95 -0.39	20.80 0.96 -0.23	22.22 1.02 -0.85	22.77 1.09 -0.21	23.94 1.23 -1.13	26.58 1.26 -2.74	33.53 1.32 -8.27	32.48 1.48 -4.57	30.64 1.34 -4.92	25.65 1.34 0.00	24.04 1.18 -1.33	22.95 1.16 -0.30	21.07 0.98 0.00
CH_RES_BVR_FALLS 23983	20.15 -0.18 0.00	18.36 -0.19 0.00	16.00 -0.15 0.00	15.45 -0.14 0.00	16.44 -0.15 0.00	19.88 -0.20 0.00	22.91 -0.28 0.00	23.71 -0.29 0.00	21.29 -0.26 0.00	21.27 -0.26 0.00	20.09 -0.20 0.00	19.09 -0.21 0.00	19.41 -0.20 0.00	20.14 -0.20 0.00	21.25 -0.21 0.00	21.32 -0.26 0.00	22.30 -0.27 0.00	23.66 -0.29 0.00	26.14 -0.29 0.00	24.11 -0.27 0.00	24.03 -0.29 0.00	21.27 -0.26 0.00	21.25 -0.24 0.00	19.88 -0.20 0.00
CH_RES_NIAGARA 23895	19.67 -0.71 -0.04	18.11 -0.43 0.00	15.97 -0.34 -0.16	15.48 -0.28 -0.17	16.35 -0.33 -0.09	19.72 -0.36 0.00	22.73 -0.46 0.00	23.30 -0.70 0.00	21.01 -0.73 -0.19	20.77 -0.80 -0.03	19.66 -0.63 0.00	18.55 -0.79 -0.03	18.77 -0.86 -0.02	19.52 -0.89 -0.07	20.52 -0.97 -0.02	20.78 -0.89 -0.09	21.99 -0.79 -0.20	23.82 -0.74 -0.62	25.74 -1.03 -0.34	23.89 -0.85 -0.37	23.61 -0.71 0.00	20.86 -0.77 -0.10	20.63 -0.88 -0.02	19.82 -0.26 0.00
CH_RES_SYRACUSE 23985	20.41 0.04 -0.03	18.62 0.07 0.00	16.31 0.05 -0.11	15.78 0.06 -0.13	16.71 0.05 -0.07	20.18 0.10 0.00	23.45 0.26 0.00	24.26 0.26 0.00	21.86 0.17 -0.14	21.68 0.13 -0.02	20.41 0.12 0.00	19.39 0.06 -0.02	19.68 0.06 -0.01	20.44 0.04 -0.05	21.52 0.04 -0.01	21.75 0.11 -0.07	22.89 0.18 -0.14	24.57 0.22 -0.41	26.86 0.21 -0.23	24.84 0.22 -0.24	24.58 0.27 0.00	21.79 0.19 -0.07	21.63 0.13 -0.01	20.25 0.16 0.00
CLINTON_WT_PWR 323605	20.48 0.14 0.00	18.67 0.13 0.00	16.31 0.16 0.00	15.71 0.12 0.00	16.76 0.17 0.00	20.40 0.32 0.00	23.45 0.26 0.00	23.99 0.00 0.00	21.68 0.13 0.00	21.64 0.11 0.00	20.37 0.08 0.00	19.46 0.15 0.00	19.83 0.22 0.00	20.53 0.18 0.00	21.68 0.21 0.00	21.73 0.15 0.00	22.75 0.18 0.00	24.19 0.24 0.00	27.09 0.66 0.00	24.96 0.58 0.00	24.80 0.49 0.00	21.98 0.45 0.00	21.83 0.34 0.00	20.47 0.38 0.00
CLINTON__LFGE 323618	20.70 0.37 0.00	18.87 0.33 0.00	16.47 0.32 0.00	15.87 0.28 0.00	16.92 0.33 0.00	20.62 0.54 0.00	23.73 0.53 0.00	24.23 0.24 0.00	21.90 0.34 0.00	21.83 0.30 0.00	20.53 0.24 0.00	19.63 0.33 0.00	20.02 0.41 0.00	20.71 0.37 0.00	21.87 0.41 0.00	21.92 0.34 0.00	23.00 0.43 0.00	24.45 0.50 0.00	27.49 1.06 0.00	25.31 0.93 0.00	25.14 0.83 0.00	22.26 0.73 0.00	22.07 0.58 0.00	20.71 0.62 0.00
COBBLENY_34_KV_TB1 80064	20.02 -0.37 -0.05	18.65 0.11 0.00	16.13 -0.19 -0.17	15.64 -0.14 -0.19	16.51 -0.18 -0.10	20.08 0.00 0.00	23.49 0.30 0.00	24.09 0.10 0.00	21.59 -0.17 -0.21	21.67 0.11 -0.04	20.37 0.08 0.00	19.19 -0.15 -0.04	19.43 -0.20 -0.02	20.06 -0.37 -0.08	21.25 -0.24 -0.02	21.51 -0.17 -0.10	22.67 -0.14 -0.23	24.61 -0.02 -0.69	26.60 -0.21 -0.38	24.65 -0.15 -0.41	24.51 0.19 0.00	21.45 -0.19 -0.11	21.38 -0.13 -0.03	20.43 0.34 0.00
COFFEEN__115KV_TB3 355620	20.62 0.26 -0.02	18.74 0.20 0.00	16.41 0.19 -0.06	15.83 0.17 -0.07	16.84 0.22 -0.04	20.52 0.44 0.00	24.03 0.83 0.00	24.90 0.91 0.00	22.17 0.54 -0.08	21.87 0.32 -0.01	20.49 0.20 0.00	19.42 0.10 -0.01	19.66 0.04 -0.01	20.50 0.12 -0.03	21.51 0.04 -0.01	21.90 0.28 -0.04	23.03 0.38 -0.07	24.63 0.45 -0.23	27.24 0.69 -0.12	25.20 0.68 -0.13	25.00 0.68 0.00	22.06 0.50 -0.04	21.95 0.45 -0.01	20.51 0.42 0.00
COLDSPRG_115KV_BK1 355956	20.39 0.00 -0.05	19.10 0.56 0.00	16.38 0.05 -0.18	15.91 0.12 -0.20	16.76 0.07 -0.11	20.56 0.48 0.00	24.17 0.97 0.00	24.86 0.86 0.00	22.14 0.37 -0.22	22.36 0.80 -0.04	21.04 0.75 0.00	19.77 0.42 -0.04	20.02 0.39 -0.02	20.53 0.10 -0.08	21.87 0.39 -0.02	21.99 0.30 -0.11	23.29 0.47 -0.24	25.28 0.60 -0.73	27.28 0.45 -0.41	25.26 0.44 -0.44	25.24 0.92 0.00	22.01 0.37 -0.12	22.01 0.49 -0.03	20.93 0.84 0.00
COLONIE_LFGE__ 323577	21.83 0.81 -0.68	19.30 0.76 0.00	19.28 0.65 -2.49	18.97 0.62 -2.76	18.73 0.66 -1.47	20.88 0.80 0.00	24.19 1.00 0.00	25.05 1.05 0.00	25.47 0.88 -3.03	22.88 0.84 -0.51	21.02 0.73 0.00	20.55 0.73 -0.51	20.66 0.74 -0.30	22.20 0.75 -1.10	22.53 0.79 -0.27	23.84 0.80 -1.46	26.96 0.86 -3.53	35.54 0.93 -10.66	33.38 1.06 -5.89	31.69 0.98 -6.34	25.29 0.97 0.00	24.08 0.84 -1.72	22.71 0.84 -0.39	20.79 0.70 0.00
COOPERNY_115KV_TB1 80082	21.21 0.57 -0.31	19.00 0.46 0.00	17.66 0.39 -1.13	17.21 0.37 -1.25	17.66 0.40 -0.67	20.52 0.44 0.00	23.77 0.58 0.00	24.62 0.62 0.00	23.53 0.60 -1.38	22.41 0.65 -0.23	20.84 0.55 0.00	20.06 0.52 -0.23	20.28 0.53 -0.14	21.41 0.57 -0.50	22.21 0.62 -0.12	22.95 0.71 -0.66	24.92 0.74 -1.60	29.51 0.74 -4.82	29.89 0.79 -2.67	27.95 0.71 -2.87	25.07 0.75 0.00	22.97 0.67 -0.78	22.31 0.64 -0.18	20.61 0.52 0.00
COPENHAGEN_WT_PWR 323753	20.48 0.12 -0.02	18.63 0.09 0.00	16.30 0.08 -0.07	15.74 0.08 -0.07	16.75 0.12 -0.04	20.36 0.28 0.00	23.79 0.60 0.00	24.64 0.65 0.00	22.00 0.37 -0.08	21.72 0.17 -0.01	20.39 0.10 0.00	19.34 0.02 -0.01	19.58 -0.04 -0.01	20.40 0.02 -0.03	21.43 -0.04 -0.01	21.77 0.15 -0.04	22.90 0.25 -0.08	24.47 0.29 -0.23	27.03 0.48 -0.13	24.98 0.46 -0.14	24.78 0.46 0.00	21.91 0.34 -0.04	21.80 0.30 -0.01	20.35 0.26 0.00
CORNELL____ 23752	20.74 0.35 -0.06	18.93 0.39 0.00	16.65 0.27 -0.23	16.12 0.28 -0.25	17.02 0.30 -0.13	20.52 0.44 0.00	23.89 0.70 0.00	24.74 0.74 0.00	22.34 0.52 -0.28	22.07 0.50 -0.05	20.68 0.39 0.00	19.66 0.31 -0.05	19.93 0.29 -0.03	20.73 0.28 -0.10	21.81 0.32 -0.02	22.18 0.47 -0.13	23.41 0.54 -0.30	25.44 0.60 -0.90	27.58 0.66 -0.50	25.55 0.63 -0.53	25.05 0.73 0.00	22.21 0.54 -0.14	21.99 0.47 -0.03	20.57 0.48 0.00
CORONAAV_69_KV_TB1 355595	25.62 1.57 -3.72	19.82 1.28 0.00	19.08 1.00 -1.93	18.71 0.98 -2.14	18.73 1.00 -1.14	21.36 1.29 0.00	24.77 1.58 0.00	27.07 1.70 -1.37	25.94 1.64 -2.75	24.85 1.74 -1.57	28.06 1.50 -6.27	27.70 1.47 -6.93	28.00 1.53 -6.86	28.02 1.59 -6.09	28.52 1.74 -5.32	29.77 1.83 -6.35	36.46 1.92 -11.97	42.69 2.01 -16.73	40.01 2.17 -11.41	35.31 1.97 -8.96	35.16 1.95 -8.90	29.87 1.74 -6.59	26.68 1.76 -3.43	24.76 1.53 -3.15
CORTLAND_115KV_TB3 80093	20.57 0.18 -0.05	18.76 0.22 0.00	16.48 0.15 -0.18	15.95 0.16 -0.21	16.87 0.17 -0.11	20.34 0.26 0.00	23.66 0.46 0.00	24.47 0.48 0.00	22.10 0.32 -0.23	21.89 0.32 -0.04	20.53 0.24 0.00	19.52 0.17 -0.04	19.79 0.16 -0.02	20.59 0.16 -0.08	21.68 0.19 -0.02	21.99 0.30 -0.11	23.15 0.34 -0.24	25.03 0.36 -0.72	27.22 0.40 -0.40	25.18 0.37 -0.43	24.78 0.46 0.00	21.97 0.32 -0.12	21.77 0.26 -0.03	20.37 0.28 0.00

COXSACKIE___GT 23611	21.98 1.02 -0.63	19.62 1.07 0.00	19.28 0.81 -2.32	18.94 0.78 -2.58	18.84 0.88 -1.37	21.32 1.25 0.00	24.75 1.55 0.00	25.77 1.78 0.00	25.52 1.14 -2.83	23.02 1.01 -0.48	21.18 0.89 0.00	20.63 0.85 -0.47	20.75 0.86 -0.28	22.16 0.79 -1.03	22.64 0.92 -0.26	23.87 0.93 -1.36	26.84 0.97 -3.30	35.13 1.24 -9.94	33.56 1.64 -5.50	31.85 1.56 -5.91	25.90 1.58 0.00	24.34 1.20 -1.60	23.16 1.31 -0.36	21.17 1.08 0.00
CPV_VALLEY___CC1 323721	21.39 0.65 -0.41	19.08 0.54 0.00	18.10 0.45 -1.50	17.69 0.44 -1.66	17.93 0.45 -0.89	20.56 0.48 0.00	23.84 0.65 0.00	24.69 0.70 0.00	24.07 0.69 -1.83	22.57 0.73 -0.31	20.94 0.65 0.00	20.23 0.62 -0.31	20.44 0.65 -0.18	21.68 0.67 -0.66	22.38 0.75 -0.17	23.28 0.82 -0.88	25.56 0.86 -2.13	31.22 0.86 -6.41	30.87 0.90 -3.54	29.00 0.80 -3.81	25.14 0.83 0.00	23.32 0.75 -1.03	22.45 0.73 -0.23	20.69 0.60 0.00
CPV_VALLEY___CC2 323722	21.39 0.65 -0.41	19.08 0.54 0.00	18.10 0.45 -1.50	17.69 0.44 -1.66	17.93 0.45 -0.89	20.56 0.48 0.00	23.84 0.65 0.00	24.69 0.70 0.00	24.07 0.69 -1.83	22.57 0.73 -0.31	20.94 0.65 0.00	20.23 0.62 -0.31	20.44 0.65 -0.18	21.68 0.67 -0.66	22.38 0.75 -0.17	23.28 0.82 -0.88	25.56 0.86 -2.13	31.22 0.86 -6.41	30.87 0.90 -3.54	29.00 0.80 -3.81	25.14 0.83 0.00	23.32 0.75 -1.03	22.45 0.73 -0.23	20.69 0.60 0.00
CRESCENT___HYD 24018	21.83 0.81 -0.68	19.30 0.76 0.00	19.28 0.65 -2.49	18.97 0.62 -2.76	18.73 0.66 -1.47	20.88 0.80 0.00	24.19 1.00 0.00	25.05 1.05 0.00	25.47 0.88 -3.03	22.88 0.84 -0.51	21.02 0.73 0.00	20.55 0.73 -0.51	20.66 0.74 -0.30	22.20 0.75 -1.10	22.53 0.79 -0.27	23.84 0.80 -1.46	26.96 0.86 -3.53	35.54 0.93 -10.66	33.38 1.06 -5.89	31.69 0.98 -6.34	25.29 0.97 0.00	24.08 0.84 -1.72	22.71 0.84 -0.39	20.79 0.70 0.00
CRICKET___VALLEY_CC1 323756	21.74 0.83 -0.57	19.24 0.70 0.00	18.82 0.58 -2.09	18.48 0.58 -2.32	18.42 0.60 -1.24	20.72 0.64 0.00	23.98 0.79 0.00	24.83 0.84 0.00	24.90 0.80 -2.55	22.82 0.86 -0.43	21.04 0.75 0.00	20.48 0.75 -0.43	20.65 0.79 -0.25	22.08 0.81 -0.92	22.58 0.88 -0.23	23.71 0.91 -1.22	26.46 0.93 -2.96	33.85 0.96 -8.94	32.40 1.03 -4.94	30.65 0.95 -5.32	25.24 0.92 0.00	23.81 0.84 -1.44	22.65 0.84 -0.33	20.77 0.68 0.00
CRICKET___VALLEY_CC2 323757	21.74 0.83 -0.57	19.24 0.70 0.00	18.82 0.58 -2.09	18.48 0.58 -2.32	18.42 0.60 -1.24	20.72 0.64 0.00	23.98 0.79 0.00	24.83 0.84 0.00	24.90 0.80 -2.55	22.82 0.86 -0.43	21.04 0.75 0.00	20.48 0.75 -0.43	20.65 0.79 -0.25	22.08 0.81 -0.92	22.58 0.88 -0.23	23.71 0.91 -1.22	26.46 0.93 -2.96	33.85 0.96 -8.94	32.40 1.03 -4.94	30.65 0.95 -5.32	25.24 0.92 0.00	23.81 0.84 -1.44	22.65 0.84 -0.33	20.77 0.68 0.00
CRICKET___VALLEY_CC3 323758	21.74 0.83 -0.57	19.24 0.70 0.00	18.82 0.58 -2.09	18.48 0.58 -2.32	18.42 0.60 -1.24	20.72 0.64 0.00	23.98 0.79 0.00	24.83 0.84 0.00	24.90 0.80 -2.55	22.82 0.86 -0.43	21.04 0.75 0.00	20.48 0.75 -0.43	20.65 0.79 -0.25	22.08 0.81 -0.92	22.58 0.88 -0.23	23.71 0.91 -1.22	26.46 0.93 -2.96	33.85 0.96 -8.94	32.40 1.03 -4.94	30.65 0.95 -5.32	25.24 0.92 0.00	23.81 0.84 -1.44	22.65 0.84 -0.33	20.77 0.68 0.00
CRUCIBLE_METL_DRP 24180	20.41 0.04 -0.03	18.61 0.07 0.00	16.31 0.05 -0.11	15.77 0.06 -0.13	16.71 0.05 -0.07	20.18 0.10 0.00	23.45 0.26 0.00	24.28 0.29 0.00	21.86 0.17 -0.14	21.70 0.15 -0.02	20.41 0.12 0.00	19.39 0.06 -0.02	19.68 0.06 -0.01	20.44 0.04 -0.05	21.52 0.04 -0.01	21.80 0.15 -0.07	22.89 0.18 -0.14	24.57 0.22 -0.41	26.86 0.21 -0.23	24.84 0.22 -0.24	24.58 0.27 0.00	21.79 0.19 -0.07	21.63 0.13 -0.01	20.25 0.16 0.00
DAHOWA___HYDRO 323763	22.18 1.16 -0.68	19.60 1.06 0.00	19.59 0.94 -2.51	19.26 0.89 -2.79	19.04 0.96 -1.49	21.32 1.25 0.00	24.77 1.58 0.00	25.60 1.61 0.00	25.95 1.34 -3.06	23.28 1.23 -0.52	21.32 1.03 0.00	20.86 1.04 -0.51	20.87 0.96 -0.30	22.43 0.98 -1.11	22.75 1.01 -0.28	24.11 1.06 -1.47	27.27 1.13 -3.56	36.02 1.32 -10.75	33.90 1.53 -5.94	32.24 1.46 -6.39	25.77 1.46 0.00	24.60 1.34 -1.73	23.15 1.27 -0.39	21.19 1.10 0.00
DANC___LFGE 323619	20.42 0.06 -0.02	18.62 0.07 0.00	16.28 0.05 -0.08	15.72 0.05 -0.09	16.72 0.08 -0.05	20.30 0.22 0.00	23.66 0.46 0.00	24.50 0.50 0.00	21.95 0.30 -0.10	21.72 0.17 -0.02	20.37 0.08 0.00	19.34 0.02 -0.02	19.62 0.00 -0.01	20.40 0.02 -0.03	21.43 -0.04 -0.01	21.71 0.09 -0.05	22.84 0.18 -0.09	24.43 0.22 -0.27	26.90 0.32 -0.15	24.88 0.34 -0.16	24.66 0.34 0.00	21.83 0.26 -0.04	21.73 0.24 -0.01	20.29 0.20 0.00
DANSKAMMER___1 23586	21.92 1.06 -0.52	19.43 0.89 0.00	18.82 0.74 -1.93	18.45 0.72 -2.14	18.50 0.76 -1.14	20.94 0.86 0.00	24.26 1.07 0.00	25.14 1.15 0.00	24.98 1.08 -2.36	23.03 1.10 -0.40	21.26 0.97 0.00	20.65 0.95 -0.39	20.80 0.96 -0.23	22.22 1.02 -0.85	22.77 1.09 -0.21	23.94 1.23 -1.13	26.58 1.26 -2.74	33.53 1.32 -8.27	32.48 1.48 -4.57	30.64 1.34 -4.92	25.65 1.34 0.00	24.04 1.18 -1.33	22.95 1.16 -0.30	21.07 0.98 0.00
DANSKAMMER___2 23589	21.92 1.06 -0.52	19.43 0.89 0.00	18.82 0.74 -1.93	18.45 0.72 -2.14	18.50 0.76 -1.14	20.94 0.86 0.00	24.26 1.07 0.00	25.14 1.15 0.00	24.98 1.08 -2.36	23.03 1.10 -0.40	21.26 0.97 0.00	20.65 0.95 -0.39	20.80 0.96 -0.23	22.22 1.02 -0.85	22.77 1.09 -0.21	23.94 1.23 -1.13	26.58 1.26 -2.74	33.53 1.32 -8.27	32.48 1.48 -4.57	30.64 1.34 -4.92	25.65 1.34 0.00	24.04 1.18 -1.33	22.95 1.16 -0.30	21.07 0.98 0.00
DANSKAMMER___3 23590	21.92 1.06 -0.52	19.43 0.89 0.00	18.82 0.74 -1.93	18.45 0.72 -2.14	18.50 0.76 -1.14	20.94 0.86 0.00	24.26 1.07 0.00	25.14 1.15 0.00	24.98 1.08 -2.36	23.03 1.10 -0.40	21.26 0.97 0.00	20.65 0.95 -0.39	20.80 0.96 -0.23	22.22 1.02 -0.85	22.77 1.09 -0.21	23.94 1.23 -1.13	26.58 1.26 -2.74	33.53 1.32 -8.27	32.48 1.48 -4.57	30.64 1.34 -4.92	25.65 1.34 0.00	24.04 1.18 -1.33	22.95 1.16 -0.30	21.07 0.98 0.00
DANSKAMMER___4 23591	21.92 1.06 -0.52	19.43 0.89 0.00	18.82 0.74 -1.93	18.45 0.72 -2.14	18.50 0.76 -1.14	20.94 0.86 0.00	24.26 1.07 0.00	25.14 1.15 0.00	24.98 1.08 -2.36	23.03 1.10 -0.40	21.26 0.97 0.00	20.65 0.95 -0.39	20.80 0.96 -0.23	22.22 1.02 -0.85	22.77 1.09 -0.21	23.94 1.23 -1.13	26.58 1.26 -2.74	33.53 1.32 -8.27	32.48 1.48 -4.57	30.64 1.34 -4.92	25.65 1.34 0.00	24.04 1.18 -1.33	22.95 1.16 -0.30	21.07 0.98 0.00
DANSKAMMER___DIESEL 23592	21.92 1.06 -0.52	19.43 0.89 0.00	18.82 0.74 -1.93	18.45 0.72 -2.14	18.50 0.76 -1.14	20.98 0.90 0.00	24.26 1.07 0.00	25.14 1.15 0.00	24.99 1.08 -2.36	23.05 1.12 -0.40	21.26 0.97 0.00	20.65 0.95 -0.39	20.80 0.96 -0.23	22.20 1.00 -0.85	22.79 1.12 -0.21	23.94 1.23 -1.13	26.58 1.26 -2.74	33.56 1.34 -8.27	32.48 1.48 -4.57	30.66 1.37 -4.92	25.65 1.34 0.00	24.05 1.18 -1.33	22.95 1.16 -0.30	21.07 0.98 0.00

DARBY___SOLAR 323810	22.14 1.12 -0.68	19.54 1.00 0.00	19.54 0.89 -2.51	19.21 0.84 -2.78	18.99 0.91 -1.48	21.24 1.16 0.00	24.68 1.49 0.00	25.50 1.51 0.00	25.88 1.27 -3.06	23.23 1.18 -0.52	21.30 1.01 0.00	20.82 1.00 -0.51	20.85 0.94 -0.30	22.43 0.98 -1.11	22.73 0.99 -0.28	24.08 1.04 -1.47	27.24 1.11 -3.56	35.95 1.27 -10.74	33.82 1.45 -5.94	32.13 1.36 -6.38	25.70 1.39 0.00	24.51 1.25 -1.73	23.08 1.20 -0.39	21.13 1.04 0.00
DASHVILLE___HYD 23610	21.63 0.75 -0.54	19.30 0.76 0.00	18.59 0.45 -1.99	18.24 0.44 -2.21	18.24 0.46 -1.18	20.82 0.74 0.00	24.05 0.86 0.00	24.93 0.94 0.00	24.63 0.65 -2.43	22.85 0.90 -0.41	21.12 0.83 0.00	20.49 0.77 -0.41	20.64 0.78 -0.24	21.86 0.63 -0.88	22.59 0.90 -0.22	23.55 0.80 -1.17	26.22 0.81 -2.83	33.35 0.86 -8.54	32.10 0.95 -4.72	30.31 0.85 -5.08	25.39 1.07 0.00	23.66 0.75 -1.37	22.77 0.97 -0.31	20.95 0.86 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	26.64 2.58 -3.72	20.73 2.19 0.00	19.81 1.73 -1.93	19.40 1.67 -2.14	19.46 1.73 -1.14	22.37 2.29 0.00	25.95 2.76 0.00	28.31 2.95 -1.37	27.21 2.91 -2.75	26.10 2.99 -1.57	29.01 2.46 -6.27	28.78 2.55 -6.93	29.06 2.59 -6.86	29.12 2.69 -6.09	29.68 2.90 -5.32	31.92 3.19 -7.15	44.73 3.27 -18.88	45.02 3.45 -17.63	42.77 3.75 -12.59	43.79 3.46 -15.95	42.53 3.38 -14.83	31.31 2.95 -6.83	27.95 3.03 -3.43	25.82 2.59 -3.15
DELAWARE___LFGE 323621	20.95 0.49 -0.13	18.97 0.43 0.00	16.95 0.34 -0.47	16.43 0.33 -0.52	17.22 0.35 -0.28	20.56 0.48 0.00	23.89 0.70 0.00	24.74 0.74 0.00	22.70 0.58 -0.57	22.21 0.58 -0.10	20.80 0.51 0.00	19.81 0.41 -0.10	20.06 0.39 -0.06	21.00 0.45 -0.21	22.01 0.49 -0.05	22.50 0.65 -0.27	23.90 0.68 -0.65	26.57 0.67 -1.96	28.25 0.74 -1.08	26.23 0.68 -1.16	25.05 0.73 0.00	22.43 0.58 -0.32	22.09 0.54 -0.07	20.61 0.52 0.00
DERFIELD_115KV_TB7 355931	20.44 0.10 0.00	18.61 0.07 0.00	16.21 0.06 0.00	15.65 0.06 0.00	16.66 0.07 0.00	20.18 0.10 0.00	23.33 0.14 0.00	24.14 0.14 0.00	21.66 0.11 0.00	21.62 0.09 0.00	20.37 0.08 0.00	19.36 0.06 0.00	19.67 0.06 0.00	20.43 0.08 0.00	21.55 0.09 0.00	21.69 0.11 0.00	22.64 0.07 0.00	24.02 0.07 0.00	26.48 0.05 0.00	24.43 0.05 0.00	24.36 0.05 0.00	21.57 0.04 0.00	21.53 0.04 0.00	20.13 0.04 0.00
DOGLEVILLE___HYD 23807	20.66 0.32 0.00	18.84 0.30 0.00	16.41 0.26 0.00	15.83 0.25 0.00	16.87 0.28 0.00	20.46 0.38 0.00	23.66 0.46 0.00	24.47 0.48 0.00	21.85 0.30 0.00	21.87 0.34 0.00	20.63 0.34 0.00	19.60 0.29 0.00	19.88 0.27 0.00	20.65 0.31 0.00	21.72 0.26 0.00	21.86 0.28 0.00	22.82 0.25 0.00	24.19 0.24 0.00	26.64 0.21 0.00	24.55 0.17 0.00	24.51 0.19 0.00	21.77 0.24 0.00	21.74 0.26 0.00	20.37 0.28 0.00
DUNKIRK___115KV_TB_200 55889	20.28 -0.10 -0.05	18.87 0.33 0.00	16.35 0.03 -0.17	15.86 0.08 -0.19	16.73 0.03 -0.10	20.30 0.22 0.00	23.79 0.60 0.00	24.42 0.43 0.00	21.96 0.19 -0.21	22.02 0.45 -0.04	20.68 0.39 0.00	19.48 0.14 -0.04	19.73 0.10 -0.02	20.38 -0.04 -0.08	21.57 0.09 -0.02	21.83 0.15 -0.10	23.05 0.25 -0.23	25.00 0.36 -0.70	27.00 0.18 -0.39	25.01 0.22 -0.41	24.85 0.53 0.00	21.79 0.15 -0.11	21.68 0.17 -0.03	20.67 0.58 0.00
DUNKIRK___1 23563	20.28 -0.10 -0.05	18.87 0.33 0.00	16.35 0.03 -0.17	15.86 0.08 -0.19	16.73 0.03 -0.10	20.30 0.22 0.00	23.79 0.60 0.00	24.42 0.43 0.00	21.96 0.19 -0.21	22.02 0.45 -0.04	20.68 0.39 0.00	19.48 0.14 -0.04	19.73 0.10 -0.02	20.38 -0.04 -0.08	21.57 0.09 -0.02	21.83 0.15 -0.10	23.05 0.25 -0.23	25.00 0.36 -0.70	27.00 0.18 -0.39	25.01 0.22 -0.41	24.85 0.53 0.00	21.79 0.15 -0.11	21.68 0.17 -0.03	20.67 0.58 0.00
DUNKIRK___2 23564	20.28 -0.10 -0.05	18.87 0.33 0.00	16.35 0.03 -0.17	15.86 0.08 -0.19	16.73 0.03 -0.10	20.30 0.22 0.00	23.79 0.60 0.00	24.42 0.43 0.00	21.96 0.19 -0.21	22.02 0.45 -0.04	20.68 0.39 0.00	19.48 0.14 -0.04	19.73 0.10 -0.02	20.38 -0.04 -0.08	21.57 0.09 -0.02	21.83 0.15 -0.10	23.05 0.25 -0.23	25.00 0.36 -0.70	27.00 0.18 -0.39	25.01 0.22 -0.41	24.85 0.53 0.00	21.79 0.15 -0.11	21.68 0.17 -0.03	20.67 0.58 0.00
DUNKIRK___3 23565	20.16 -0.22 -0.05	18.76 0.22 0.00	16.24 -0.08 -0.17	15.75 -0.03 -0.19	16.61 -0.08 -0.10	20.18 0.10 0.00	23.63 0.44 0.00	24.26 0.26 0.00	21.79 0.02 -0.21	21.87 0.30 -0.04	20.53 0.24 0.00	19.34 0.00 -0.04	19.61 -0.02 -0.02	20.24 -0.18 -0.08	21.42 -0.06 -0.02	21.68 0.00 -0.10	22.90 0.09 -0.23	24.84 0.19 -0.70	26.81 0.00 -0.39	24.84 0.05 -0.42	24.70 0.39 0.00	21.66 0.02 -0.11	21.55 0.04 -0.03	20.53 0.44 0.00
DUNKIRK___4 23566	20.20 -0.18 -0.05	18.80 0.26 0.00	16.27 -0.05 -0.17	15.79 0.02 -0.19	16.66 -0.03 -0.10	20.22 0.14 0.00	23.68 0.49 0.00	24.30 0.31 0.00	21.83 0.06 -0.21	21.91 0.34 -0.04	20.57 0.28 0.00	19.38 0.04 -0.03	19.63 0.00 -0.02	20.28 -0.14 -0.08	21.46 -0.02 -0.02	21.72 0.04 -0.10	22.93 0.14 -0.23	24.87 0.24 -0.68	26.86 0.05 -0.38	24.88 0.10 -0.40	24.73 0.41 0.00	21.68 0.04 -0.11	21.58 0.06 -0.02	20.59 0.50 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	21.96 1.10 -0.52	19.45 0.91 0.00	18.85 0.78 -1.93	18.48 0.75 -2.14	18.53 0.80 -1.14	20.96 0.88 0.00	24.26 1.07 0.00	25.14 1.15 0.00	25.07 1.16 -2.35	23.20 1.27 -0.40	21.39 1.10 0.00	20.78 1.08 -0.39	20.98 1.14 -0.23	22.38 1.18 -0.85	22.99 1.31 -0.21	24.11 1.40 -1.13	26.76 1.44 -2.74	33.70 1.48 -8.27	32.56 1.56 -4.57	30.71 1.41 -4.92	25.70 1.39 0.00	24.13 1.27 -1.33	23.03 1.25 -0.30	21.11 1.02 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	21.73 0.89 -0.50	19.28 0.74 0.00	18.61 0.63 -1.83	18.23 0.61 -2.04	18.31 0.63 -1.09	20.82 0.74 0.00	24.10 0.90 0.00	24.98 0.98 0.00	24.72 0.93 -2.24	22.88 0.97 -0.38	21.14 0.85 0.00	20.51 0.83 -0.37	20.67 0.84 -0.22	22.03 0.87 -0.81	22.63 0.97 -0.20	23.73 1.08 -1.08	26.28 1.11 -2.60	32.95 1.15 -7.86	32.01 1.24 -4.34	30.20 1.15 -4.67	25.46 1.14 0.00	23.81 1.01 -1.26	22.78 1.01 -0.29	20.93 0.84 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	22.00 1.14 -0.52	19.34 0.80 0.00	18.82 0.74 -1.93	18.40 0.67 -2.14	18.45 0.71 -1.14	20.80 0.72 0.00	24.00 0.81 0.00	24.98 0.98 0.00	24.98 1.08 -2.36	23.14 1.21 -0.40	21.35 1.06 0.00	20.78 1.08 -0.39	20.94 1.10 -0.23	22.34 1.14 -0.85	22.94 1.27 -0.21	24.09 1.38 -1.13	26.78 1.47 -2.74	33.68 1.46 -8.27	32.48 1.48 -4.57	30.61 1.32 -4.92	25.56 1.24 0.00	24.07 1.21 -1.33	23.03 1.25 -0.30	21.15 1.06 0.00
E179THST_13_KV_LOAD 356214	22.08 1.22 -0.52	19.41 0.87 0.00	18.89 0.81 -1.93	18.46 0.73 -2.14	18.51 0.78 -1.14	20.88 0.80 0.00	24.10 0.90 0.00	25.07 1.08 0.00	25.09 1.19 -2.36	23.24 1.31 -0.40	21.45 1.16 0.00	20.86 1.16 -0.39	21.02 1.18 -0.23	22.42 1.22 -0.85	23.05 1.37 -0.21	24.20 1.49 -1.13	26.89 1.58 -2.74	33.80 1.58 -8.27	32.61 1.61 -4.57	30.73 1.44 -4.92	25.65 1.34 0.00	24.17 1.31 -1.33	23.14 1.35 -0.30	21.23 1.14 0.00



EMPIRE_CC_2 323658	21.62 0.63 -0.65	19.13 0.59 0.00	19.05 0.50 -2.40	18.74 0.50 -2.66	18.54 0.53 -1.42	20.64 0.56 0.00	23.89 0.70 0.00	24.74 0.74 0.00	25.10 0.63 -2.92	22.63 0.60 -0.50	20.84 0.55 0.00	20.36 0.56 -0.49	20.47 0.57 -0.29	21.97 0.57 -1.06	22.33 0.60 -0.26	23.46 0.47 -1.41	26.45 0.47 -3.40	34.71 0.50 -10.26	32.66 0.56 -5.67	31.02 0.54 -6.10	24.83 0.51 0.00	23.64 0.45 -1.65	22.38 0.51 -0.38	20.51 0.42 0.00
ENORWICH_115KV_TB1 80156	21.68 1.26 -0.09	19.69 1.15 0.00	17.40 0.94 -0.32	16.84 0.90 -0.35	17.76 0.98 -0.19	21.50 1.43 0.00	25.26 2.06 0.00	26.18 2.18 0.00	23.45 1.51 -0.39	22.91 1.31 -0.07	21.37 1.08 0.00	20.20 0.83 -0.06	20.41 0.76 -0.04	21.42 0.94 -0.14	22.42 0.92 -0.04	23.15 1.38 -0.19	24.54 1.53 -0.43	26.90 1.65 -1.30	29.13 1.98 -0.72	27.01 1.85 -0.77	26.24 1.92 0.00	23.23 1.49 -0.21	22.93 1.40 -0.05	21.47 1.39 0.00
ERIE_ST__34_KV_TB1-2 80199	19.90 -0.49 -0.05	18.63 0.09 0.00	15.96 -0.36 -0.17	15.49 -0.28 -0.19	16.34 -0.35 -0.10	20.06 -0.02 0.00	23.49 0.30 0.00	24.06 0.07 0.00	21.46 -0.30 -0.21	21.67 0.11 -0.04	20.37 0.08 0.00	19.19 -0.15 -0.03	19.43 -0.20 -0.02	19.91 -0.51 -0.08	21.25 -0.24 -0.02	21.35 -0.32 -0.10	22.55 -0.25 -0.22	24.48 -0.14 -0.68	26.43 -0.37 -0.37	24.49 -0.29 -0.40	24.51 0.19 0.00	21.34 -0.30 -0.11	21.38 -0.13 -0.02	20.43 0.34 0.00
ERIE_WT_PWR 323693	20.06 -0.33 -0.05	18.69 0.15 0.00	16.17 -0.15 -0.17	15.68 -0.09 -0.19	16.54 -0.15 -0.10	20.16 0.08 0.00	23.49 0.30 0.00	24.11 0.12 0.00	21.61 -0.15 -0.21	21.52 -0.04 -0.03	20.37 0.08 0.00	19.17 -0.17 -0.03	19.43 -0.20 -0.02	20.07 -0.35 -0.07	21.25 -0.24 -0.02	21.40 -0.28 -0.10	22.68 -0.11 -0.22	24.59 -0.02 -0.67	26.56 -0.24 -0.37	24.63 -0.15 -0.40	24.49 0.17 0.00	21.49 -0.15 -0.11	21.36 -0.15 -0.02	20.43 0.34 0.00
ESPRGFLD_115KV_TB1 80157	21.16 0.69 -0.13	19.13 0.59 0.00	17.10 0.48 -0.47	16.58 0.47 -0.52	17.38 0.51 -0.28	20.78 0.70 0.00	24.21 1.02 0.00	25.10 1.10 0.00	22.99 0.86 -0.57	22.45 0.82 -0.10	21.02 0.73 0.00	20.00 0.60 -0.10	20.24 0.57 -0.06	21.23 0.67 -0.21	22.20 0.69 -0.05	22.76 0.91 -0.28	24.20 0.97 -0.66	26.91 0.98 -1.98	28.63 1.11 -1.10	26.58 1.02 -1.18	25.39 1.07 0.00	22.67 0.82 -0.32	22.33 0.77 -0.07	20.83 0.74 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	20.72 0.33 -0.06	18.91 0.37 0.00	16.63 0.26 -0.23	16.10 0.26 -0.25	17.01 0.28 -0.13	20.50 0.42 0.00	23.86 0.67 0.00	24.69 0.70 0.00	22.32 0.50 -0.27	22.05 0.47 -0.05	20.66 0.37 0.00	19.64 0.29 -0.05	19.91 0.27 -0.03	20.71 0.26 -0.10	21.79 0.30 -0.02	22.16 0.45 -0.13	23.37 0.50 -0.30	25.42 0.57 -0.89	27.56 0.63 -0.49	25.52 0.61 -0.53	25.00 0.68 0.00	22.19 0.52 -0.14	21.97 0.45 -0.03	20.53 0.44 0.00
ETNA____115KV_TB2 80207	20.72 0.33 -0.06	18.91 0.37 0.00	16.63 0.26 -0.23	16.10 0.26 -0.25	17.01 0.28 -0.13	20.50 0.42 0.00	23.86 0.67 0.00	24.69 0.70 0.00	22.32 0.50 -0.27	22.05 0.47 -0.05	20.66 0.37 0.00	19.64 0.29 -0.05	19.91 0.27 -0.03	20.71 0.26 -0.10	21.79 0.30 -0.02	22.16 0.45 -0.13	23.37 0.50 -0.30	25.42 0.57 -0.89	27.56 0.63 -0.49	25.52 0.61 -0.53	25.00 0.68 0.00	22.19 0.52 -0.14	21.97 0.45 -0.03	20.53 0.44 0.00
EUCLID__115KV_TB2 356179	20.12 -0.24 -0.03	18.36 -0.19 0.00	16.07 -0.18 -0.10	15.54 -0.16 -0.11	16.47 -0.18 -0.06	19.88 -0.20 0.00	23.08 -0.12 0.00	23.87 -0.12 0.00	21.52 -0.15 -0.12	21.42 -0.13 -0.02	20.11 -0.18 0.00	19.13 -0.19 -0.02	19.41 -0.22 -0.01	20.17 -0.22 -0.04	21.22 -0.26 -0.01	21.49 -0.15 -0.06	22.58 -0.11 -0.11	24.17 -0.12 -0.35	26.46 -0.16 -0.19	24.46 -0.12 -0.21	24.24 -0.07 0.00	21.48 -0.11 -0.06	21.35 -0.15 -0.01	19.97 -0.12 0.00
E_CANADA_CAP_HY 24051	22.16 1.14 -0.69	19.56 1.02 0.00	19.60 0.92 -2.53	19.27 0.87 -2.81	19.07 0.98 -1.50	21.32 1.25 0.00	24.77 1.58 0.00	25.62 1.63 0.00	26.02 1.38 -3.09	23.13 1.08 -0.52	21.20 0.91 0.00	20.65 0.83 -0.52	20.74 0.82 -0.31	22.36 0.89 -1.12	22.75 1.01 -0.28	24.31 1.25 -1.49	27.57 1.40 -3.60	36.40 1.60 -10.85	34.33 1.90 -6.00	32.61 1.78 -6.45	26.12 1.80 0.00	24.91 1.64 -1.75	23.39 1.50 -0.40	21.29 1.21 0.00
E_CANADA_MHWK_HY 24050	20.66 0.32 0.00	18.84 0.30 0.00	16.41 0.26 0.00	15.83 0.25 0.00	16.87 0.28 0.00	20.46 0.38 0.00	23.66 0.46 0.00	24.47 0.48 0.00	21.85 0.30 0.00	21.87 0.34 0.00	20.63 0.34 0.00	19.60 0.29 0.00	19.88 0.27 0.00	20.65 0.31 0.00	21.72 0.26 0.00	21.86 0.28 0.00	22.82 0.25 0.00	24.19 0.24 0.00	26.64 0.21 0.00	24.55 0.17 0.00	24.51 0.19 0.00	21.77 0.24 0.00	21.74 0.26 0.00	20.37 0.28 0.00
E_FISHKILL__LBMP 23776	21.82 0.94 -0.54	19.32 0.78 0.00	18.83 0.68 -2.00	18.44 0.64 -2.22	18.45 0.68 -1.18	20.84 0.76 0.00	24.12 0.93 0.00	24.98 0.98 0.00	24.96 0.97 -2.44	22.98 1.03 -0.41	21.20 0.91 0.00	20.60 0.89 -0.41	20.77 0.92 -0.24	22.19 0.96 -0.88	22.76 1.07 -0.22	23.89 1.14 -1.17	26.59 1.17 -2.84	33.70 1.20 -8.56	32.43 1.27 -4.73	30.64 1.17 -5.09	25.46 1.14 0.00	23.94 1.03 -1.38	22.83 1.03 -0.31	20.93 0.84 0.00
FALCON__SEABRD_CC1 323796	20.70 0.37 0.00	18.89 0.35 0.00	16.49 0.34 0.00	15.88 0.30 0.00	16.94 0.35 0.00	20.64 0.56 0.00	23.73 0.53 0.00	24.14 0.14 0.00	21.83 0.28 0.00	21.77 0.24 0.00	20.47 0.18 0.00	19.58 0.27 0.00	19.96 0.35 0.00	20.67 0.32 0.00	21.83 0.36 0.00	21.86 0.28 0.00	22.91 0.34 0.00	24.35 0.41 0.00	27.46 1.03 0.00	25.28 0.90 0.00	25.12 0.80 0.00	22.26 0.73 0.00	22.09 0.60 0.00	20.71 0.62 0.00
FALCON__SEABRD_CC2 323797	20.70 0.37 0.00	18.89 0.35 0.00	16.49 0.34 0.00	15.88 0.30 0.00	16.94 0.35 0.00	20.64 0.56 0.00	23.73 0.53 0.00	24.14 0.14 0.00	21.83 0.28 0.00	21.77 0.24 0.00	20.47 0.18 0.00	19.58 0.27 0.00	19.96 0.35 0.00	20.67 0.32 0.00	21.83 0.36 0.00	21.86 0.28 0.00	22.91 0.34 0.00	24.35 0.41 0.00	27.46 1.03 0.00	25.28 0.90 0.00	25.12 0.80 0.00	22.26 0.73 0.00	22.09 0.60 0.00	20.71 0.62 0.00
FAR ROCKAWAY__4 23548	25.81 1.75 -3.72	19.97 1.43 0.00	19.21 1.13 -1.93	18.82 1.09 -2.14	18.86 1.13 -1.14	21.54 1.47 0.00	25.00 1.81 0.00	27.28 1.92 -1.37	26.14 1.83 -2.75	25.04 1.94 -1.57	28.26 1.70 -6.27	27.87 1.64 -6.93	28.18 1.71 -6.86	28.20 1.77 -6.09	28.71 1.93 -5.32	30.00 2.07 -6.35	36.71 2.17 -11.97	42.93 2.25 -16.73	40.27 2.43 -11.41	35.55 2.22 -8.96	35.41 2.19 -8.90	30.06 1.94 -6.59	26.87 1.96 -3.43	24.94 1.71 -3.15
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	22.00 1.14 -0.52	19.45 0.91 0.00	18.89 0.81 -1.93	18.49 0.76 -2.14	18.55 0.81 -1.14	20.96 0.88 0.00	24.24 1.04 0.00	25.14 1.15 0.00	25.11 1.21 -2.36	23.24 1.31 -0.40	21.45 1.16 0.00	20.84 1.14 -0.39	21.00 1.16 -0.23	22.44 1.24 -0.85	23.05 1.37 -0.21	24.20 1.49 -1.13	26.87 1.56 -2.74	33.77 1.56 -8.27	32.61 1.61 -4.57	30.76 1.46 -4.92	25.73 1.41 0.00	24.17 1.31 -1.33	23.10 1.31 -0.30	21.15 1.06 0.00





FRESHKLS_33_KV_LOAD 356253	22.00 1.14 -0.52	19.36 0.82 0.00	18.82 0.74 -1.93	18.42 0.69 -2.14	18.46 0.73 -1.14	20.72 0.64 0.00	23.91 0.72 0.00	16.16 0.91 8.74	19.02 1.06 3.58	18.71 1.18 4.01	18.46 1.03 2.86	18.79 1.06 1.58	18.79 1.10 1.92	22.34 1.14 -0.85	22.99 1.31 -0.21	24.11 1.40 -1.13	26.80 1.49 -2.74	33.77 1.56 -8.27	32.56 1.56 -4.57	30.69 1.39 -4.92	25.58 1.26 0.00	24.07 1.21 -1.33	23.01 1.22 -0.30	21.19 1.10 0.00
FULTON COGEN____ 23766	20.53 0.16 -0.03	18.73 0.19 0.00	16.39 0.15 -0.10	15.85 0.16 -0.11	16.82 0.17 -0.06	20.34 0.26 0.00	23.63 0.44 0.00	24.47 0.48 0.00	21.97 0.30 -0.12	21.83 0.28 -0.02	20.53 0.24 0.00	19.48 0.15 -0.02	19.76 0.14 -0.01	20.53 0.14 -0.04	21.60 0.13 -0.01	21.87 0.24 -0.06	23.00 0.32 -0.11	24.62 0.34 -0.34	26.99 0.37 -0.19	24.98 0.39 -0.20	24.73 0.41 0.00	21.91 0.32 -0.06	21.76 0.26 -0.01	20.37 0.28 0.00
FULTON____LFGE 323630	22.63 1.61 -0.69	19.99 1.45 0.00	19.99 1.31 -2.53	19.63 1.23 -2.81	19.45 1.36 -1.50	21.69 1.61 0.00	25.63 2.43 0.00	26.49 2.50 0.00	26.45 1.81 -3.09	23.54 1.48 -0.52	21.71 1.42 0.00	20.96 1.14 -0.52	21.03 1.12 -0.31	22.69 1.22 -1.12	23.10 1.35 -0.28	24.75 1.68 -1.49	28.07 1.90 -3.60	36.97 2.18 -10.85	34.99 2.56 -6.00	33.19 2.36 -6.45	26.72 2.41 0.00	25.36 2.09 -1.75	23.82 1.93 -0.40	21.83 1.75 0.00
G.F.CEMENT____DRP 24184	22.36 1.34 -0.68	19.75 1.21 0.00	19.73 1.07 -2.51	19.41 1.03 -2.79	19.21 1.13 -1.49	21.54 1.47 0.00	25.07 1.88 0.00	25.94 1.94 0.00	26.26 1.64 -3.07	23.56 1.51 -0.52	21.57 1.28 0.00	21.09 1.27 -0.51	21.03 1.12 -0.30	22.62 1.16 -1.11	22.92 1.18 -0.28	24.28 1.23 -1.48	27.45 1.31 -3.57	36.23 1.51 -10.77	34.13 1.74 -5.96	32.44 1.66 -6.41	25.99 1.68 0.00	24.81 1.55 -1.73	23.34 1.46 -0.39	21.39 1.31 0.00
GARDENVILLE____LBMP 24039	20.02 -0.37 -0.05	18.61 0.07 0.00	16.14 -0.18 -0.17	15.65 -0.12 -0.19	16.51 -0.18 -0.10	20.02 -0.06 0.00	23.40 0.21 0.00	23.99 0.00 0.00	21.56 -0.19 -0.21	21.61 0.04 -0.03	20.29 0.00 0.00	19.13 -0.21 -0.03	19.37 -0.25 -0.02	20.01 -0.41 -0.07	21.18 -0.30 -0.02	21.46 -0.22 -0.10	22.61 -0.18 -0.22	24.52 -0.10 -0.67	26.50 -0.29 -0.37	24.56 -0.22 -0.40	24.39 0.07 0.00	21.40 -0.24 -0.11	21.30 -0.21 -0.02	20.37 0.28 0.00
GARDNVLA_35_KV_LD 355827	20.08 -0.31 -0.05	18.69 0.15 0.00	16.19 -0.13 -0.17	15.69 -0.08 -0.19	16.56 -0.13 -0.10	20.10 0.02 0.00	23.52 0.32 0.00	24.11 0.12 0.00	21.65 -0.11 -0.21	21.72 0.15 -0.03	20.39 0.10 0.00	19.22 -0.12 -0.03	19.47 -0.16 -0.02	20.12 -0.31 -0.07	21.29 -0.19 -0.02	21.55 -0.13 -0.10	22.70 -0.09 -0.22	24.64 0.02 -0.67	26.61 -0.18 -0.37	24.68 -0.10 -0.40	24.51 0.19 0.00	21.49 -0.15 -0.11	21.40 -0.11 -0.02	20.47 0.38 0.00
GELCKHM__115KV_LOAD 80723	20.20 -0.16 -0.03	18.45 -0.09 0.00	16.16 -0.10 -0.11	15.61 -0.09 -0.12	16.55 -0.10 -0.06	19.98 -0.10 0.00	23.22 0.02 0.00	24.02 0.02 0.00	21.66 -0.02 -0.13	21.53 -0.02 -0.02	20.21 -0.08 0.00	19.23 -0.10 -0.02	19.50 -0.12 -0.01	20.27 -0.12 -0.05	21.33 -0.15 -0.01	21.60 -0.04 -0.06	22.70 0.00 -0.12	24.31 0.00 -0.37	26.63 0.00 -0.20	24.60 0.00 -0.22	24.36 0.05 0.00	21.59 0.00 -0.06	21.46 -0.04 -0.01	20.07 -0.02 0.00
GENERAL____MILLS 23808	20.06 -0.33 -0.05	18.65 0.11 0.00	16.16 -0.16 -0.17	15.66 -0.11 -0.19	16.54 -0.15 -0.10	20.08 0.00 0.00	23.47 0.28 0.00	24.06 0.07 0.00	21.61 -0.15 -0.21	21.67 0.11 -0.03	20.35 0.06 0.00	19.17 -0.17 -0.03	19.41 -0.22 -0.02	20.05 -0.37 -0.07	21.23 -0.26 -0.02	21.50 -0.17 -0.10	22.66 -0.14 -0.22	24.57 -0.05 -0.67	26.56 -0.24 -0.37	24.61 -0.17 -0.40	24.46 0.15 0.00	21.44 -0.19 -0.11	21.36 -0.15 -0.02	20.43 0.34 0.00
GE_PLASTICS____DRP 24183	21.54 0.53 -0.67	19.06 0.52 0.00	19.07 0.45 -2.47	18.76 0.44 -2.74	18.52 0.46 -1.46	20.62 0.54 0.00	23.84 0.65 0.00	24.69 0.70 0.00	25.14 0.58 -3.01	22.60 0.56 -0.51	20.80 0.51 0.00	20.31 0.50 -0.50	20.44 0.53 -0.30	21.97 0.53 -1.09	22.30 0.56 -0.27	23.56 0.54 -1.45	26.64 0.56 -3.50	35.14 0.62 -10.57	32.96 0.69 -5.84	31.30 0.63 -6.28	24.95 0.63 0.00	23.77 0.54 -1.70	22.43 0.56 -0.39	20.53 0.44 0.00
GILBOA____1 23756	21.68 0.69 -0.65	19.15 0.61 0.00	19.16 0.61 -2.39	18.84 0.59 -2.66	18.64 0.63 -1.42	20.78 0.70 0.00	23.93 0.74 0.00	24.78 0.79 0.00	25.21 0.73 -2.92	22.76 0.73 -0.50	20.94 0.65 0.00	20.45 0.66 -0.49	20.57 0.67 -0.29	22.10 0.69 -1.06	22.46 0.73 -0.26	23.76 0.78 -1.41	26.79 0.81 -3.40	35.05 0.84 -10.26	33.00 0.90 -5.67	31.31 0.83 -6.10	25.14 0.83 0.00	23.91 0.73 -1.65	22.59 0.73 -0.38	20.69 0.60 0.00
GILBOA____2 23757	21.68 0.69 -0.65	19.15 0.61 0.00	19.16 0.61 -2.39	18.84 0.59 -2.66	18.64 0.63 -1.42	20.78 0.70 0.00	23.93 0.74 0.00	24.78 0.79 0.00	25.21 0.73 -2.92	22.76 0.73 -0.50	20.94 0.65 0.00	20.45 0.66 -0.49	20.57 0.67 -0.29	22.10 0.69 -1.06	22.46 0.73 -0.26	23.76 0.78 -1.41	26.79 0.81 -3.40	35.05 0.84 -10.26	33.00 0.90 -5.67	31.31 0.83 -6.10	25.14 0.83 0.00	23.91 0.73 -1.65	22.59 0.73 -0.38	20.69 0.60 0.00
GILBOA____3 23758	21.68 0.69 -0.65	19.15 0.61 0.00	19.16 0.61 -2.39	18.84 0.59 -2.66	18.64 0.63 -1.42	20.78 0.70 0.00	23.93 0.74 0.00	24.78 0.79 0.00	25.21 0.73 -2.92	22.76 0.73 -0.50	20.94 0.65 0.00	20.45 0.66 -0.49	20.57 0.67 -0.29	22.10 0.69 -1.06	22.46 0.73 -0.26	23.76 0.78 -1.41	26.79 0.81 -3.40	35.05 0.84 -10.26	33.00 0.90 -5.67	31.31 0.83 -6.10	25.14 0.83 0.00	23.91 0.73 -1.65	22.59 0.73 -0.38	20.69 0.60 0.00
GILBOA____4 23759	21.68 0.69 -0.65	19.15 0.61 0.00	19.16 0.61 -2.39	18.84 0.59 -2.66	18.64 0.63 -1.42	20.78 0.70 0.00	23.93 0.74 0.00	24.78 0.79 0.00	25.21 0.73 -2.92	22.76 0.73 -0.50	20.94 0.65 0.00	20.45 0.66 -0.49	20.57 0.67 -0.29	22.10 0.69 -1.06	22.46 0.73 -0.26	23.76 0.78 -1.41	26.79 0.81 -3.40	35.05 0.84 -10.26	33.00 0.90 -5.67	31.31 0.83 -6.10	25.14 0.83 0.00	23.91 0.73 -1.65	22.59 0.73 -0.38	20.69 0.60 0.00
GILBOA____ 23599	21.68 0.69 -0.65	19.15 0.61 0.00	19.16 0.61 -2.39	18.84 0.59 -2.66	18.64 0.63 -1.42	20.80 0.72 0.00	23.93 0.74 0.00	24.78 0.79 0.00	25.21 0.73 -2.92	22.78 0.75 -0.50	20.94 0.65 0.00	20.45 0.66 -0.49	20.57 0.67 -0.29	22.10 0.69 -1.06	22.48 0.75 -0.26	23.76 0.78 -1.41	26.79 0.81 -3.40	35.05 0.84 -10.26	33.00 0.90 -5.67	31.31 0.83 -6.10	25.14 0.83 0.00	23.91 0.73 -1.65	22.59 0.73 -0.38	20.69 0.60 0.00
GINNA____ 23603	19.38 -1.00 -0.03	17.71 -0.83 0.00	15.57 -0.71 -0.13	15.04 -0.69 -0.14	15.94 -0.73 -0.08	19.20 -0.88 0.00	22.33 -0.86 0.00	23.15 -0.84 0.00	20.91 -0.80 -0.16	20.67 -0.88 -0.03	19.46 -0.83 0.00	18.43 -0.91 -0.03	18.66 -0.96 -0.02	19.43 -0.98 -0.06	20.43 -1.05 -0.01	20.75 -0.91 -0.08	21.90 -0.83 -0.16	23.58 -0.84 -0.47	25.74 -0.95 -0.26	23.78 -0.88 -0.28	23.44 -0.87 0.00	20.83 -0.77 -0.08	20.54 -0.97 -0.02	19.36 -0.72 0.00

GLEN PARK____ 23778	20.58 0.22 -0.02	18.73 0.19 0.00	16.37 0.16 -0.06	15.81 0.16 -0.07	16.83 0.20 -0.04	20.48 0.40 0.00	23.98 0.79 0.00	24.83 0.84 0.00	22.13 0.50 -0.08	21.82 0.28 -0.01	20.47 0.18 0.00	19.38 0.06 -0.01	19.64 0.02 -0.01	20.48 0.10 -0.03	21.49 0.02 -0.01	21.85 0.24 -0.04	23.01 0.36 -0.07	24.58 0.41 -0.22	27.18 0.63 -0.12	25.15 0.63 -0.13	24.95 0.63 0.00	22.04 0.47 -0.04	21.90 0.41 -0.01	20.47 0.38 0.00
GLENDAL_27_KV_LOAD 356172	22.08 1.22 -0.52	19.49 0.95 0.00	18.92 0.84 -1.93	18.52 0.79 -2.14	18.56 0.83 -1.14	20.96 0.88 0.00	24.21 1.02 0.00	25.19 1.20 0.00	25.18 1.27 -2.36	23.33 1.40 -0.40	21.53 1.24 0.00	20.94 1.24 -0.39	21.10 1.26 -0.23	22.52 1.32 -0.85	23.16 1.48 -0.21	24.29 1.58 -1.13	26.98 1.67 -2.74	33.89 1.68 -8.27	32.72 1.72 -4.57	30.86 1.56 -4.92	25.77 1.46 0.00	24.24 1.38 -1.33	23.21 1.42 -0.30	21.27 1.19 0.00
GLENWOOD_IC_1_G5 23712	25.46 1.40 -3.72	19.69 1.15 0.00	19.02 0.94 -1.93	18.63 0.90 -2.14	18.66 0.93 -1.14	21.24 1.16 0.00	24.61 1.41 0.00	26.88 1.51 -1.37	25.81 1.51 -2.75	24.72 1.61 -1.57	27.96 1.40 -6.27	27.62 1.39 -6.93	27.90 1.43 -6.86	27.92 1.49 -6.09	28.41 1.63 -5.32	29.66 1.73 -6.35	36.26 1.72 -11.97	42.38 1.70 -16.73	39.64 1.80 -11.41	34.97 1.63 -8.96	34.90 1.68 -8.90	29.72 1.59 -6.59	26.48 1.57 -3.43	24.56 1.33 -3.15
GLENWOOD_IC_2_G1 23688	25.32 1.26 -3.72	19.58 1.04 0.00	18.93 0.86 -1.93	18.56 0.83 -2.14	18.60 0.86 -1.14	21.08 1.00 0.00	24.44 1.25 0.00	26.71 1.34 -1.37	25.66 1.36 -2.75	24.55 1.44 -1.57	27.82 1.26 -6.27	27.47 1.24 -6.93	27.76 1.29 -6.86	27.78 1.34 -6.09	28.26 1.48 -5.32	29.49 1.55 -6.35	36.17 1.63 -11.97	42.36 1.68 -16.73	39.61 1.77 -11.41	34.94 1.61 -8.96	34.80 1.58 -8.90	29.57 1.44 -6.59	26.33 1.42 -3.43	24.44 1.21 -3.15
GLENWOOD_IC_3_G1 23689	25.32 1.26 -3.72	19.58 1.04 0.00	18.93 0.86 -1.93	18.56 0.83 -2.14	18.60 0.86 -1.14	21.08 1.00 0.00	24.44 1.25 0.00	26.71 1.34 -1.37	25.66 1.36 -2.75	24.55 1.44 -1.57	27.82 1.26 -6.27	27.47 1.24 -6.93	27.76 1.29 -6.86	27.78 1.34 -6.09	28.26 1.48 -5.32	29.49 1.55 -6.35	36.17 1.63 -11.97	42.36 1.68 -16.73	39.61 1.77 -11.41	34.94 1.61 -8.96	34.80 1.58 -8.90	29.57 1.44 -6.59	26.33 1.42 -3.43	24.44 1.21 -3.15
GLENWOOD____4 23550	25.46 1.40 -3.72	19.69 1.15 0.00	19.02 0.94 -1.93	18.63 0.90 -2.14	18.66 0.93 -1.14	21.24 1.16 0.00	24.61 1.41 0.00	26.88 1.51 -1.37	25.81 1.51 -2.75	24.72 1.61 -1.57	27.96 1.40 -6.27	27.62 1.39 -6.93	27.90 1.43 -6.86	27.92 1.49 -6.09	28.41 1.63 -5.32	29.66 1.73 -6.35	36.30 1.76 -11.97	42.43 1.75 -16.73	39.69 1.85 -11.41	35.04 1.71 -8.96	34.94 1.73 -8.90	29.72 1.59 -6.59	26.48 1.57 -3.43	24.56 1.33 -3.15
GLENWOOD____5 23614	25.46 1.40 -3.72	19.69 1.15 0.00	19.02 0.94 -1.93	18.63 0.90 -2.14	18.66 0.93 -1.14	21.24 1.16 0.00	24.61 1.41 0.00	26.88 1.51 -1.37	25.81 1.51 -2.75	24.72 1.61 -1.57	27.96 1.40 -6.27	27.62 1.39 -6.93	27.90 1.43 -6.86	27.92 1.49 -6.09	28.41 1.63 -5.32	29.66 1.73 -6.35	36.30 1.76 -11.97	42.43 1.75 -16.73	39.69 1.85 -11.41	35.04 1.71 -8.96	34.94 1.73 -8.90	29.72 1.59 -6.59	26.48 1.57 -3.43	24.56 1.33 -3.15
GLOBAL GREEN_PORT_GT1 23814	26.82 2.77 -3.72	20.90 2.35 0.00	19.94 1.86 -1.93	19.52 1.79 -2.14	19.61 1.87 -1.14	22.59 2.51 0.00	26.18 2.99 0.00	28.58 3.22 -1.37	27.39 3.08 -2.75	26.27 3.17 -1.57	29.26 2.70 -6.27	28.93 2.70 -6.93	29.24 2.77 -6.86	29.32 2.89 -6.09	29.87 3.09 -5.32	32.13 3.41 -7.15	44.97 3.52 -18.88	45.33 3.76 -17.63	43.09 4.07 -12.59	44.06 3.73 -15.95	42.74 3.60 -14.83	32.06 3.17 -7.36	28.14 3.22 -3.43	26.04 2.81 -3.15
GLOBE____DSASP 323697	19.63 -0.75 -0.04	18.04 -0.50 0.00	15.93 -0.37 -0.16	15.45 -0.31 -0.17	16.32 -0.36 -0.09	19.40 -0.68 0.00	22.70 -0.49 0.00	23.20 -0.79 0.00	20.95 -0.80 -0.19	20.87 -0.69 -0.03	19.60 -0.69 0.00	18.49 -0.85 -0.03	18.73 -0.90 -0.02	19.48 -0.94 -0.07	20.45 -1.03 -0.02	20.85 -0.82 -0.09	21.92 -0.86 -0.20	23.77 -0.79 -0.61	25.68 -1.08 -0.34	23.82 -0.93 -0.37	23.54 -0.78 0.00	20.75 -0.88 -0.10	20.56 -0.95 -0.02	19.76 -0.32 0.00
GOETHSLN____LBMP 323567	21.86 1.00 -0.52	19.36 0.82 0.00	18.81 0.73 -1.93	18.42 0.69 -2.14	18.46 0.73 -1.14	20.84 0.76 0.00	24.10 0.90 0.00	16.24 0.98 8.73	19.01 1.03 3.57	23.07 1.14 -0.40	18.43 0.99 2.85	18.72 0.98 1.57	20.84 1.00 -0.23	22.30 1.10 -0.85	22.92 1.24 -0.21	24.07 1.36 -1.13	26.71 1.40 -2.74	33.58 1.36 -8.27	32.43 1.43 -4.57	30.61 1.32 -4.92	25.58 1.26 0.00	24.05 1.18 -1.33	22.95 1.16 -0.30	21.05 0.96 0.00
GOLAH____69_KV_TB 1_2 80279	20.37 0.00 -0.04	18.71 0.17 0.00	16.38 0.10 -0.13	15.84 0.11 -0.15	16.77 0.10 -0.08	20.18 0.10 0.00	23.54 0.35 0.00	24.21 0.22 0.00	21.89 0.17 -0.16	21.75 0.19 -0.03	20.43 0.14 0.00	19.29 -0.04 -0.03	19.55 -0.08 -0.02	20.34 -0.06 -0.06	21.37 -0.11 -0.01	21.72 0.06 -0.08	22.85 0.11 -0.16	24.66 0.22 -0.50	26.89 0.18 -0.27	24.90 0.22 -0.30	24.61 0.29 0.00	21.78 0.17 -0.08	21.53 0.02 -0.02	20.45 0.36 0.00
GOODYEAR_LAKE_HYD 323669	21.08 0.61 -0.13	19.08 0.54 0.00	17.06 0.44 -0.47	16.53 0.42 -0.52	17.32 0.45 -0.28	20.70 0.62 0.00	24.10 0.90 0.00	24.95 0.96 0.00	22.88 0.75 -0.57	22.36 0.73 -0.10	20.92 0.63 0.00	19.92 0.52 -0.10	20.16 0.49 -0.06	21.14 0.59 -0.21	22.12 0.60 -0.05	22.67 0.82 -0.28	24.09 0.86 -0.66	26.79 0.86 -1.98	28.50 0.98 -1.10	26.44 0.88 -1.18	25.24 0.92 0.00	22.58 0.73 -0.32	22.25 0.69 -0.07	20.75 0.66 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	20.50 0.08 -0.09	18.73 0.19 0.00	16.53 0.06 -0.31	16.01 0.08 -0.35	16.84 0.07 -0.19	20.24 0.16 0.00	23.56 0.37 0.00	24.33 0.34 0.00	22.11 0.17 -0.38	21.85 0.26 -0.06	20.49 0.20 0.00	19.47 0.10 -0.06	19.75 0.10 -0.04	20.53 0.04 -0.14	21.61 0.11 -0.03	21.93 0.17 -0.18	23.22 0.23 -0.42	25.46 0.24 -1.28	27.34 0.21 -0.71	25.34 0.20 -0.76	24.66 0.34 0.00	21.91 0.17 -0.21	21.70 0.17 -0.05	20.33 0.24 0.00
GOUDEY____7 23579	20.52 0.10 -0.09	18.74 0.20 0.00	16.53 0.06 -0.31	16.03 0.09 -0.35	16.86 0.08 -0.19	20.26 0.18 0.00	23.59 0.39 0.00	24.35 0.36 0.00	22.13 0.19 -0.38	21.88 0.28 -0.06	20.51 0.22 0.00	19.49 0.12 -0.06	19.76 0.12 -0.04	20.55 0.06 -0.14	21.63 0.13 -0.03	21.96 0.19 -0.18	23.25 0.25 -0.42	25.49 0.26 -1.28	27.37 0.24 -0.71	25.36 0.22 -0.76	24.68 0.36 0.00	21.93 0.19 -0.21	21.70 0.17 -0.05	20.35 0.26 0.00
GOUDEY____8 23580	20.50 0.08 -0.09	18.73 0.19 0.00	16.53 0.06 -0.31	16.01 0.08 -0.35	16.84 0.07 -0.19	20.24 0.16 0.00	23.56 0.37 0.00	24.33 0.34 0.00	22.11 0.17 -0.38	21.85 0.26 -0.06	20.49 0.20 0.00	19.47 0.10 -0.06	19.75 0.10 -0.04	20.53 0.04 -0.14	21.61 0.11 -0.03	21.93 0.17 -0.18	23.22 0.23 -0.42	25.46 0.24 -1.28	27.34 0.21 -0.71	25.34 0.20 -0.76	24.66 0.34 0.00	21.91 0.17 -0.21	21.70 0.17 -0.05	20.33 0.24 0.00

GOWANUS_GT1_1 24077	22.08 1.22 -0.52	19.43 0.89 0.00	18.89 0.81 -1.93	18.48 0.75 -2.14	18.53 0.80 -1.14	20.88 0.80 0.00	24.10 0.90 0.00	25.10 1.10 0.00	25.11 1.21 -2.36	23.26 1.33 -0.40	21.47 1.18 0.00	20.88 1.18 -0.39	21.06 1.22 -0.23	22.46 1.26 -0.85	23.09 1.42 -0.21	24.24 1.53 -1.13	26.94 1.63 -2.74	33.87 1.65 -8.27	32.69 1.69 -4.57	30.81 1.51 -4.92	25.70 1.39 0.00	24.20 1.33 -1.33	23.14 1.35 -0.30	21.23 1.14 0.00
GOWANUS_GT1_2 24078	22.08 1.22 -0.52	19.43 0.89 0.00	18.89 0.81 -1.93	18.48 0.75 -2.14	18.53 0.80 -1.14	20.88 0.80 0.00	24.10 0.90 0.00	25.10 1.10 0.00	25.11 1.21 -2.36	23.26 1.33 -0.40	21.47 1.18 0.00	20.88 1.18 -0.39	21.06 1.22 -0.23	22.46 1.26 -0.85	23.09 1.42 -0.21	24.24 1.53 -1.13	26.94 1.63 -2.74	33.87 1.65 -8.27	32.69 1.69 -4.57	30.81 1.51 -4.92	25.70 1.39 0.00	24.20 1.33 -1.33	23.14 1.35 -0.30	21.23 1.14 0.00
GOWANUS_GT1_3 24079	22.08 1.22 -0.52	19.43 0.89 0.00	18.89 0.81 -1.93	18.48 0.75 -2.14	18.53 0.80 -1.14	20.88 0.80 0.00	24.10 0.90 0.00	25.10 1.10 0.00	25.11 1.21 -2.36	23.26 1.33 -0.40	21.47 1.18 0.00	20.88 1.18 -0.39	21.06 1.22 -0.23	22.46 1.26 -0.85	23.09 1.42 -0.21	24.24 1.53 -1.13	26.94 1.63 -2.74	33.87 1.65 -8.27	32.69 1.69 -4.57	30.81 1.51 -4.92	25.70 1.39 0.00	24.20 1.33 -1.33	23.14 1.35 -0.30	21.23 1.14 0.00
GOWANUS_GT1_4 24080	22.08 1.22 -0.52	19.43 0.89 0.00	18.89 0.81 -1.93	18.48 0.75 -2.14	18.53 0.80 -1.14	20.88 0.80 0.00	24.10 0.90 0.00	25.10 1.10 0.00	25.11 1.21 -2.36	23.26 1.33 -0.40	21.47 1.18 0.00	20.88 1.18 -0.39	21.06 1.22 -0.23	22.46 1.26 -0.85	23.09 1.42 -0.21	24.24 1.53 -1.13	26.94 1.63 -2.74	33.87 1.65 -8.27	32.69 1.69 -4.57	30.81 1.51 -4.92	25.70 1.39 0.00	24.20 1.33 -1.33	23.14 1.35 -0.30	21.23 1.14 0.00
GOWANUS_GT1_5 24084	22.08 1.22 -0.52	19.43 0.89 0.00	18.89 0.81 -1.93	18.48 0.75 -2.14	18.53 0.80 -1.14	20.88 0.80 0.00	24.10 0.90 0.00	25.10 1.10 0.00	25.11 1.21 -2.36	23.26 1.33 -0.40	21.47 1.18 0.00	20.88 1.18 -0.39	21.06 1.22 -0.23	22.46 1.26 -0.85	23.09 1.42 -0.21	24.24 1.53 -1.13	26.94 1.63 -2.74	33.87 1.65 -8.27	32.69 1.69 -4.57	30.81 1.51 -4.92	25.70 1.39 0.00	24.20 1.33 -1.33	23.14 1.35 -0.30	21.23 1.14 0.00
GOWANUS_GT1_6 24111	22.08 1.22 -0.52	19.43 0.89 0.00	18.89 0.81 -1.93	18.48 0.75 -2.14	18.53 0.80 -1.14	20.88 0.80 0.00	24.10 0.90 0.00	25.10 1.10 0.00	25.11 1.21 -2.36	23.26 1.33 -0.40	21.47 1.18 0.00	20.88 1.18 -0.39	21.06 1.22 -0.23	22.46 1.26 -0.85	23.09 1.42 -0.21	24.24 1.53 -1.13	26.94 1.63 -2.74	33.87 1.65 -8.27	32.69 1.69 -4.57	30.81 1.51 -4.92	25.70 1.39 0.00	24.20 1.33 -1.33	23.14 1.35 -0.30	21.23 1.14 0.00
GOWANUS_GT1_7 24112	22.08 1.22 -0.52	19.43 0.89 0.00	18.89 0.81 -1.93	18.48 0.75 -2.14	18.53 0.80 -1.14	20.88 0.80 0.00	24.10 0.90 0.00	25.10 1.10 0.00	25.11 1.21 -2.36	23.26 1.33 -0.40	21.47 1.18 0.00	20.88 1.18 -0.39	21.06 1.22 -0.23	22.46 1.26 -0.85	23.09 1.42 -0.21	24.24 1.53 -1.13	26.94 1.63 -2.74	33.87 1.65 -8.27	32.69 1.69 -4.57	30.81 1.51 -4.92	25.70 1.39 0.00	24.20 1.33 -1.33	23.14 1.35 -0.30	21.23 1.14 0.00
GOWANUS_GT1_8 24113	22.08 1.22 -0.52	19.43 0.89 0.00	18.89 0.81 -1.93	18.48 0.75 -2.14	18.53 0.80 -1.14	20.88 0.80 0.00	24.10 0.90 0.00	25.10 1.10 0.00	25.11 1.21 -2.36	23.26 1.33 -0.40	21.47 1.18 0.00	20.88 1.18 -0.39	21.06 1.22 -0.23	22.46 1.26 -0.85	23.09 1.42 -0.21	24.24 1.53 -1.13	26.94 1.63 -2.74	33.87 1.65 -8.27	32.69 1.69 -4.57	30.81 1.51 -4.92	25.70 1.39 0.00	24.20 1.33 -1.33	23.14 1.35 -0.30	21.23 1.14 0.00
GOWANUS_GT2_1 24114	22.04 1.18 -0.52	19.43 0.89 0.00	18.90 0.82 -1.93	18.48 0.75 -2.14	18.53 0.80 -1.14	20.82 0.74 0.00	24.10 0.90 0.00	25.10 1.10 0.00	25.11 1.21 -2.36	23.27 1.34 -0.40	21.47 1.18 0.00	20.88 1.18 -0.39	21.06 1.22 -0.23	22.48 1.28 -0.85	23.09 1.42 -0.21	24.20 1.49 -1.13	26.94 1.63 -2.74	33.89 1.68 -8.27	32.69 1.69 -4.57	30.81 1.51 -4.92	25.70 1.39 0.00	24.20 1.34 -1.33	23.14 1.35 -0.30	21.23 1.14 0.00
GOWANUS_GT2_2 24115	22.04 1.18 -0.52	19.43 0.89 0.00	18.90 0.82 -1.93	18.48 0.75 -2.14	18.53 0.80 -1.14	20.82 0.74 0.00	24.10 0.90 0.00	25.10 1.10 0.00	25.11 1.21 -2.36	23.27 1.34 -0.40	21.47 1.18 0.00	20.88 1.18 -0.39	21.06 1.22 -0.23	22.48 1.28 -0.85	23.09 1.42 -0.21	24.20 1.49 -1.13	26.94 1.63 -2.74	33.89 1.68 -8.27	32.69 1.69 -4.57	30.81 1.51 -4.92	25.70 1.39 0.00	24.20 1.34 -1.33	23.14 1.35 -0.30	21.23 1.14 0.00
GOWANUS_GT2_3 24116	22.04 1.18 -0.52	19.43 0.89 0.00	18.90 0.82 -1.93	18.48 0.75 -2.14	18.53 0.80 -1.14	20.82 0.74 0.00	24.10 0.90 0.00	25.10 1.10 0.00	25.11 1.21 -2.36	23.27 1.34 -0.40	21.47 1.18 0.00	20.88 1.18 -0.39	21.06 1.22 -0.23	22.48 1.28 -0.85	23.09 1.42 -0.21	24.20 1.49 -1.13	26.94 1.63 -2.74	33.89 1.68 -8.27	32.69 1.69 -4.57	30.81 1.51 -4.92	25.70 1.39 0.00	24.20 1.34 -1.33	23.14 1.35 -0.30	21.23 1.14 0.00
GOWANUS_GT2_4 24117	22.04 1.18 -0.52	19.43 0.89 0.00	18.90 0.82 -1.93	18.48 0.75 -2.14	18.53 0.80 -1.14	20.82 0.74 0.00	24.10 0.90 0.00	25.10 1.10 0.00	25.11 1.21 -2.36	23.27 1.34 -0.40	21.47 1.18 0.00	20.88 1.18 -0.39	21.06 1.22 -0.23	22.48 1.28 -0.85	23.09 1.42 -0.21	24.20 1.49 -1.13	26.94 1.63 -2.74	33.89 1.68 -8.27	32.69 1.69 -4.57	30.81 1.51 -4.92	25.70 1.39 0.00	24.20 1.34 -1.33	23.14 1.35 -0.30	21.23 1.14 0.00
GOWANUS_GT2_5 24118	22.04 1.18 -0.52	19.43 0.89 0.00	18.90 0.82 -1.93	18.48 0.75 -2.14	18.53 0.80 -1.14	20.82 0.74 0.00	24.10 0.90 0.00	25.10 1.10 0.00	25.11 1.21 -2.36	23.27 1.34 -0.40	21.47 1.18 0.00	20.88 1.18 -0.39	21.06 1.22 -0.23	22.48 1.28 -0.85	23.09 1.42 -0.21	24.20 1.49 -1.13	26.94 1.63 -2.74	33.89 1.68 -8.27	32.69 1.69 -4.57	30.81 1.51 -4.92	25.70 1.39 0.00	24.20 1.34 -1.33	23.14 1.35 -0.30	21.23 1.14 0.00
GOWANUS_GT2_6 24119	22.04 1.18 -0.52	19.43 0.89 0.00	18.90 0.82 -1.93	18.48 0.75 -2.14	18.53 0.80 -1.14	20.82 0.74 0.00	24.10 0.90 0.00	25.10 1.10 0.00	25.11 1.21 -2.36	23.27 1.34 -0.40	21.47 1.18 0.00	20.88 1.18 -0.39	21.06 1.22 -0.23	22.48 1.28 -0.85	23.09 1.42 -0.21	24.20 1.49 -1.13	26.94 1.63 -2.74	33.89 1.68 -8.27	32.69 1.69 -4.57	30.81 1.51 -4.92	25.70 1.39 0.00	24.20 1.34 -1.33	23.14 1.35 -0.30	21.23 1.14 0.00
GOWANUS_GT2_7 24120	22.04 1.18 -0.52	19.43 0.89 0.00	18.90 0.82 -1.93	18.48 0.75 -2.14	18.53 0.80 -1.14	20.82 0.74 0.00	24.10 0.90 0.00	25.10 1.10 0.00	25.11 1.21 -2.36	23.27 1.34 -0.40	21.47 1.18 0.00	20.88 1.18 -0.39	21.06 1.22 -0.23	22.48 1.28 -0.85	23.09 1.42 -0.21	24.20 1.49 -1.13	26.94 1.63 -2.74	33.89 1.68 -8.27	32.69 1.69 -4.57	30.81 1.51 -4.92	25.70 1.39 0.00	24.20 1.34 -1.33	23.14 1.35 -0.30	21.23 1.14 0.00

GOWANUS_GT2_8 24121	22.04 1.18 -0.52	19.43 0.89 0.00	18.90 0.82 -1.93	18.48 0.75 -2.14	18.53 0.80 -1.14	20.82 0.74 0.00	24.10 0.90 0.00	25.10 1.10 0.00	25.11 1.21 -2.36	23.27 1.34 -0.40	21.47 1.18 0.00	20.88 1.18 -0.39	21.06 1.22 -0.23	22.48 1.28 -0.85	23.09 1.42 -0.21	24.20 1.49 -1.13	26.94 1.63 -2.74	33.89 1.68 -8.27	32.69 1.69 -4.57	30.81 1.51 -4.92	25.70 1.39 0.00	24.20 1.34 -1.33	23.14 1.35 -0.30	21.23 1.14 0.00
GOWANUS_GT3_1 24122	22.08 1.22 -0.52	19.43 0.89 0.00	18.90 0.82 -1.93	18.48 0.75 -2.14	18.53 0.80 -1.14	20.82 0.74 0.00	24.10 0.90 0.00	25.10 1.10 0.00	25.11 1.21 -2.36	23.27 1.34 -0.40	21.47 1.18 0.00	20.88 1.18 -0.39	21.06 1.22 -0.23	22.48 1.28 -0.85	23.09 1.42 -0.21	24.20 1.49 -1.13	26.94 1.63 -2.74	33.89 1.68 -8.27	32.69 1.69 -4.57	30.81 1.51 -4.92	25.70 1.39 0.00	24.20 1.34 -1.33	23.14 1.35 -0.30	21.23 1.14 0.00
GOWANUS_GT3_2 24123	22.08 1.22 -0.52	19.43 0.89 0.00	18.90 0.82 -1.93	18.48 0.75 -2.14	18.53 0.80 -1.14	20.82 0.74 0.00	24.10 0.90 0.00	25.10 1.10 0.00	25.11 1.21 -2.36	23.27 1.34 -0.40	21.47 1.18 0.00	20.88 1.18 -0.39	21.06 1.22 -0.23	22.48 1.28 -0.85	23.09 1.42 -0.21	24.20 1.49 -1.13	26.94 1.63 -2.74	33.89 1.68 -8.27	32.69 1.69 -4.57	30.81 1.51 -4.92	25.70 1.39 0.00	24.20 1.34 -1.33	23.14 1.35 -0.30	21.23 1.14 0.00
GOWANUS_GT3_3 24124	22.08 1.22 -0.52	19.43 0.89 0.00	18.90 0.82 -1.93	18.48 0.75 -2.14	18.53 0.80 -1.14	20.82 0.74 0.00	24.10 0.90 0.00	25.10 1.10 0.00	25.11 1.21 -2.36	23.27 1.34 -0.40	21.47 1.18 0.00	20.88 1.18 -0.39	21.06 1.22 -0.23	22.48 1.28 -0.85	23.09 1.42 -0.21	24.20 1.49 -1.13	26.94 1.63 -2.74	33.89 1.68 -8.27	32.69 1.69 -4.57	30.81 1.51 -4.92	25.70 1.39 0.00	24.20 1.34 -1.33	23.14 1.35 -0.30	21.23 1.14 0.00
GOWANUS_GT3_4 24125	22.08 1.22 -0.52	19.43 0.89 0.00	18.90 0.82 -1.93	18.48 0.75 -2.14	18.53 0.80 -1.14	20.82 0.74 0.00	24.10 0.90 0.00	25.10 1.10 0.00	25.11 1.21 -2.36	23.27 1.34 -0.40	21.47 1.18 0.00	20.88 1.18 -0.39	21.06 1.22 -0.23	22.48 1.28 -0.85	23.09 1.42 -0.21	24.20 1.49 -1.13	26.94 1.63 -2.74	33.89 1.68 -8.27	32.69 1.69 -4.57	30.81 1.51 -4.92	25.70 1.39 0.00	24.20 1.34 -1.33	23.14 1.35 -0.30	21.23 1.14 0.00
GOWANUS_GT3_5 24126	22.08 1.22 -0.52	19.43 0.89 0.00	18.90 0.82 -1.93	18.48 0.75 -2.14	18.53 0.80 -1.14	20.82 0.74 0.00	24.10 0.90 0.00	25.10 1.10 0.00	25.11 1.21 -2.36	23.27 1.34 -0.40	21.47 1.18 0.00	20.88 1.18 -0.39	21.06 1.22 -0.23	22.48 1.28 -0.85	23.09 1.42 -0.21	24.20 1.49 -1.13	26.94 1.63 -2.74	33.89 1.68 -8.27	32.69 1.69 -4.57	30.81 1.51 -4.92	25.70 1.39 0.00	24.20 1.34 -1.33	23.14 1.35 -0.30	21.23 1.14 0.00
GOWANUS_GT3_6 24127	22.08 1.22 -0.52	19.43 0.89 0.00	18.90 0.82 -1.93	18.48 0.75 -2.14	18.53 0.80 -1.14	20.82 0.74 0.00	24.10 0.90 0.00	25.10 1.10 0.00	25.11 1.21 -2.36	23.27 1.34 -0.40	21.47 1.18 0.00	20.88 1.18 -0.39	21.06 1.22 -0.23	22.48 1.28 -0.85	23.09 1.42 -0.21	24.20 1.49 -1.13	26.94 1.63 -2.74	33.89 1.68 -8.27	32.69 1.69 -4.57	30.81 1.51 -4.92	25.70 1.39 0.00	24.20 1.34 -1.33	23.14 1.35 -0.30	21.23 1.14 0.00
GOWANUS_GT3_7 24128	22.08 1.22 -0.52	19.43 0.89 0.00	18.90 0.82 -1.93	18.48 0.75 -2.14	18.53 0.80 -1.14	20.82 0.74 0.00	24.10 0.90 0.00	25.10 1.10 0.00	25.11 1.21 -2.36	23.27 1.34 -0.40	21.47 1.18 0.00	20.88 1.18 -0.39	21.06 1.22 -0.23	22.48 1.28 -0.85	23.09 1.42 -0.21	24.20 1.49 -1.13	26.94 1.63 -2.74	33.89 1.68 -8.27	32.69 1.69 -4.57	30.81 1.51 -4.92	25.70 1.39 0.00	24.20 1.34 -1.33	23.14 1.35 -0.30	21.23 1.14 0.00
GOWANUS_GT3_8 24129	22.08 1.22 -0.52	19.43 0.89 0.00	18.90 0.82 -1.93	18.48 0.75 -2.14	18.53 0.80 -1.14	20.82 0.74 0.00	24.10 0.90 0.00	25.10 1.10 0.00	25.11 1.21 -2.36	23.27 1.34 -0.40	21.47 1.18 0.00	20.88 1.18 -0.39	21.06 1.22 -0.23	22.48 1.28 -0.85	23.09 1.42 -0.21	24.20 1.49 -1.13	26.94 1.63 -2.74	33.89 1.68 -8.27	32.69 1.69 -4.57	30.81 1.51 -4.92	25.70 1.39 0.00	24.20 1.34 -1.33	23.14 1.35 -0.30	21.23 1.14 0.00
GOWANUS_GT4_1 24130	22.04 1.18 -0.52	19.43 0.89 0.00	18.89 0.81 -1.93	18.48 0.75 -2.14	18.53 0.80 -1.14	20.88 0.80 0.00	24.10 0.90 0.00	25.10 1.10 0.00	25.11 1.21 -2.36	23.26 1.33 -0.40	21.47 1.18 0.00	20.88 1.18 -0.39	21.06 1.22 -0.23	22.46 1.26 -0.85	23.09 1.42 -0.21	24.24 1.53 -1.13	26.94 1.63 -2.74	33.87 1.65 -8.27	32.69 1.69 -4.57	30.81 1.51 -4.92	25.70 1.39 0.00	24.20 1.33 -1.33	23.14 1.35 -0.30	21.23 1.14 0.00
GOWANUS_GT4_2 24131	22.04 1.18 -0.52	19.43 0.89 0.00	18.89 0.81 -1.93	18.48 0.75 -2.14	18.53 0.80 -1.14	20.88 0.80 0.00	24.10 0.90 0.00	25.10 1.10 0.00	25.11 1.21 -2.36	23.26 1.33 -0.40	21.47 1.18 0.00	20.88 1.18 -0.39	21.06 1.22 -0.23	22.46 1.26 -0.85	23.09 1.42 -0.21	24.24 1.53 -1.13	26.94 1.63 -2.74	33.87 1.65 -8.27	32.69 1.69 -4.57	30.81 1.51 -4.92	25.70 1.39 0.00	24.20 1.33 -1.33	23.14 1.35 -0.30	21.23 1.14 0.00
GOWANUS_GT4_3 24132	22.04 1.18 -0.52	19.43 0.89 0.00	18.89 0.81 -1.93	18.48 0.75 -2.14	18.53 0.80 -1.14	20.88 0.80 0.00	24.10 0.90 0.00	25.10 1.10 0.00	25.11 1.21 -2.36	23.26 1.33 -0.40	21.47 1.18 0.00	20.88 1.18 -0.39	21.06 1.22 -0.23	22.46 1.26 -0.85	23.09 1.42 -0.21	24.24 1.53 -1.13	26.94 1.63 -2.74	33.87 1.65 -8.27	32.69 1.69 -4.57	30.81 1.51 -4.92	25.70 1.39 0.00	24.20 1.33 -1.33	23.14 1.35 -0.30	21.23 1.14 0.00
GOWANUS_GT4_4 24133	22.04 1.18 -0.52	19.43 0.89 0.00	18.89 0.81 -1.93	18.48 0.75 -2.14	18.53 0.80 -1.14	20.88 0.80 0.00	24.10 0.90 0.00	25.10 1.10 0.00	25.11 1.21 -2.36	23.26 1.33 -0.40	21.47 1.18 0.00	20.88 1.18 -0.39	21.06 1.22 -0.23	22.46 1.26 -0.85	23.09 1.42 -0.21	24.24 1.53 -1.13	26.94 1.63 -2.74	33.87 1.65 -8.27	32.69 1.69 -4.57	30.81 1.51 -4.92	25.70 1.39 0.00	24.20 1.33 -1.33	23.14 1.35 -0.30	21.23 1.14 0.00
GOWANUS_GT4_5 24134	22.04 1.18 -0.52	19.43 0.89 0.00	18.89 0.81 -1.93	18.48 0.75 -2.14	18.53 0.80 -1.14	20.88 0.80 0.00	24.10 0.90 0.00	25.10 1.10 0.00	25.11 1.21 -2.36	23.26 1.33 -0.40	21.47 1.18 0.00	20.88 1.18 -0.39	21.06 1.22 -0.23	22.46 1.26 -0.85	23.09 1.42 -0.21	24.24 1.53 -1.13	26.94 1.63 -2.74	33.87 1.65 -8.27	32.69 1.69 -4.57	30.81 1.51 -4.92	25.70 1.39 0.00	24.20 1.33 -1.33	23.14 1.35 -0.30	21.23 1.14 0.00
GOWANUS_GT4_6 24135	22.04 1.18 -0.52	19.43 0.89 0.00	18.89 0.81 -1.93	18.48 0.75 -2.14	18.53 0.80 -1.14	20.88 0.80 0.00	24.10 0.90 0.00	25.10 1.10 0.00	25.11 1.21 -2.36	23.26 1.33 -0.40	21.47 1.18 0.00	20.88 1.18 -0.39	21.06 1.22 -0.23	22.46 1.26 -0.85	23.09 1.42 -0.21	24.24 1.53 -1.13	26.94 1.63 -2.74	33.87 1.65 -8.27	32.69 1.69 -4.57	30.81 1.51 -4.92	25.70 1.39 0.00	24.20 1.33 -1.33	23.14 1.35 -0.30	21.23 1.14 0.00

GOWANUS_GT4_7 24136	22.04 1.18 -0.52	19.43 0.89 0.00	18.89 0.81 -1.93	18.48 0.75 -2.14	18.53 0.80 -1.14	20.88 0.80 0.00	24.10 0.90 0.00	25.10 1.10 0.00	25.11 1.21 -2.36	23.26 1.33 -0.40	21.47 1.18 0.00	20.88 1.18 -0.39	21.06 1.22 -0.23	22.46 1.26 -0.85	23.09 1.42 -0.21	24.24 1.53 -1.13	26.94 1.63 -2.74	33.87 1.65 -8.27	32.69 1.69 -4.57	30.81 1.51 -4.92	25.70 1.39 0.00	24.20 1.33 -1.33	23.14 1.35 -0.30	21.23 1.14 0.00
GOWANUS_GT4_8 24137	22.04 1.18 -0.52	19.43 0.89 0.00	18.89 0.81 -1.93	18.48 0.75 -2.14	18.53 0.80 -1.14	20.88 0.80 0.00	24.10 0.90 0.00	25.10 1.10 0.00	25.11 1.21 -2.36	23.26 1.33 -0.40	21.47 1.18 0.00	20.88 1.18 -0.39	21.06 1.22 -0.23	22.46 1.26 -0.85	23.09 1.42 -0.21	24.24 1.53 -1.13	26.94 1.63 -2.74	33.87 1.65 -8.27	32.69 1.69 -4.57	30.81 1.51 -4.92	25.70 1.39 0.00	24.20 1.33 -1.33	23.14 1.35 -0.30	21.23 1.14 0.00
GREENBSH_115KV_TB3 55895	21.41 0.41 -0.67	18.97 0.43 0.00	18.99 0.37 -2.47	18.70 0.37 -2.74	18.45 0.40 -1.46	20.52 0.44 0.00	23.75 0.56 0.00	24.62 0.62 0.00	25.06 0.50 -3.01	22.49 0.45 -0.51	20.70 0.41 0.00	20.23 0.42 -0.50	20.34 0.43 -0.30	21.89 0.45 -1.09	22.19 0.45 -0.27	23.46 0.43 -1.45	26.51 0.43 -3.51	35.00 0.48 -10.58	32.83 0.55 -5.85	31.18 0.51 -6.29	24.80 0.49 0.00	23.64 0.41 -1.70	22.32 0.45 -0.39	20.43 0.34 0.00
GREENDGE_115KV_TB5 80291	20.53 0.14 -0.05	18.82 0.28 0.00	16.49 0.15 -0.20	15.98 0.17 -0.22	16.89 0.18 -0.12	20.40 0.32 0.00	23.82 0.63 0.00	24.62 0.62 0.00	22.18 0.39 -0.24	22.00 0.43 -0.04	20.66 0.37 0.00	19.54 0.19 -0.04	19.81 0.18 -0.02	20.56 0.12 -0.09	21.70 0.21 -0.02	22.04 0.35 -0.12	23.22 0.38 -0.26	25.19 0.45 -0.78	27.31 0.45 -0.43	25.29 0.44 -0.47	24.90 0.58 0.00	22.00 0.34 -0.13	21.79 0.28 -0.03	20.49 0.40 0.00
GREENIDGE___3 23582	20.53 0.14 -0.05	18.82 0.28 0.00	16.49 0.15 -0.20	15.98 0.17 -0.22	16.89 0.18 -0.12	20.40 0.32 0.00	23.82 0.63 0.00	24.62 0.62 0.00	22.18 0.39 -0.24	22.00 0.43 -0.04	20.66 0.37 0.00	19.54 0.19 -0.04	19.81 0.18 -0.02	20.56 0.12 -0.09	21.70 0.21 -0.02	22.04 0.35 -0.12	23.22 0.38 -0.26	25.19 0.45 -0.78	27.31 0.45 -0.43	25.29 0.44 -0.47	24.90 0.58 0.00	22.00 0.34 -0.13	21.79 0.28 -0.03	20.49 0.40 0.00
GREENIDGE___4 23583	20.54 0.14 -0.05	18.82 0.28 0.00	16.49 0.15 -0.20	15.98 0.17 -0.22	16.89 0.18 -0.12	20.38 0.30 0.00	23.82 0.63 0.00	24.62 0.62 0.00	22.18 0.39 -0.24	21.92 0.34 -0.04	20.66 0.37 0.00	19.54 0.19 -0.04	19.81 0.18 -0.02	20.58 0.14 -0.09	21.68 0.19 -0.02	21.97 0.28 -0.12	23.22 0.38 -0.26	25.18 0.45 -0.78	27.31 0.45 -0.43	25.29 0.44 -0.47	24.90 0.58 0.00	22.02 0.37 -0.13	21.79 0.28 -0.03	20.49 0.40 0.00
GREENLWN_69_KV_BK 3 55738	25.64 1.59 -3.72	19.82 1.28 0.00	19.08 1.00 -1.93	18.70 0.97 -2.14	18.73 1.00 -1.14	21.38 1.31 0.00	24.82 1.62 0.00	27.09 1.73 -1.37	26.03 1.72 -2.75	24.91 1.81 -1.57	28.06 1.50 -6.27	27.74 1.51 -6.93	28.04 1.57 -6.86	28.54 1.61 -6.09	29.78 1.76 -5.32	36.30 1.94 -6.35	42.73 2.06 -11.79	40.01 2.19 -11.39	35.17 2.05 -8.75	35.01 1.97 -8.72	29.82 1.81 -6.48	26.72 1.80 -3.43	24.76 1.53 -3.15	
GREENWD_138_KV_38B11_REV_LBMP_J 345004	22.04 1.18 -0.52	19.43 0.89 0.00	18.89 0.81 -1.93	18.48 0.75 -2.14	18.53 0.80 -1.14	20.88 0.80 0.00	24.10 0.90 0.00	25.10 1.10 0.00	25.11 1.21 -2.36	23.26 1.33 -0.40	21.47 1.18 0.00	20.88 1.18 -0.39	21.06 1.22 -0.23	22.46 1.26 -0.85	23.09 1.42 -0.21	24.24 1.53 -1.13	26.94 1.63 -2.74	33.87 1.65 -8.27	32.69 1.69 -4.57	30.81 1.51 -4.92	25.70 1.39 0.00	24.20 1.33 -1.33	23.14 1.35 -0.30	21.23 1.14 0.00
GRISSOM___SOLAR 323813	22.63 1.61 -0.69	19.99 1.45 0.00	19.99 1.31 -2.53	19.63 1.23 -2.81	19.45 1.36 -1.50	21.69 1.61 0.00	25.63 2.43 0.00	26.49 2.50 0.00	26.45 1.81 -3.09	23.54 1.48 -0.52	21.71 1.42 0.00	20.96 1.14 -0.52	21.03 1.12 -0.31	22.69 1.22 -1.12	23.10 1.35 -0.28	24.75 1.68 -1.49	28.07 1.90 -3.60	36.97 2.18 -10.85	34.99 2.56 -6.00	33.19 2.36 -6.45	26.72 2.41 0.00	25.36 2.09 -1.75	23.82 1.93 -0.40	21.83 1.75 0.00
GROVEVILLE___HYD 323602	21.96 1.10 -0.53	19.45 0.91 0.00	18.85 0.76 -1.94	18.49 0.75 -2.16	18.52 0.78 -1.15	21.02 0.94 0.00	24.28 1.09 0.00	25.19 1.20 0.00	25.02 1.10 -2.37	23.07 1.14 -0.40	21.30 1.01 0.00	20.69 0.98 -0.40	20.84 1.00 -0.24	22.24 1.04 -0.86	22.82 1.14 -0.21	23.99 1.27 -1.14	26.62 1.29 -2.76	33.65 1.39 -8.32	32.56 1.53 -4.60	30.71 1.39 -4.94	25.70 1.39 0.00	24.07 1.21 -1.34	22.99 1.20 -0.30	21.11 1.02 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	20.41 0.04 -0.03	18.61 0.07 0.00	16.31 0.05 -0.11	15.77 0.06 -0.13	16.71 0.05 -0.07	20.18 0.10 0.00	23.45 0.26 0.00	24.28 0.29 0.00	21.86 0.17 -0.14	21.70 0.15 -0.02	20.41 0.12 0.00	19.39 0.06 -0.02	19.68 0.06 -0.01	20.44 0.04 -0.05	21.52 0.04 -0.01	21.80 0.15 -0.07	22.89 0.18 -0.14	24.57 0.22 -0.41	26.86 0.21 -0.23	24.84 0.22 -0.24	24.58 0.27 0.00	21.79 0.19 -0.07	21.63 0.13 -0.01	20.25 0.16 0.00
HAMLTNNY_34_KV_TB 80303	20.35 -0.02 -0.03	18.56 0.02 0.00	16.27 0.00 -0.12	15.74 0.02 -0.13	16.66 0.00 -0.07	20.12 0.04 0.00	23.38 0.19 0.00	24.21 0.22 0.00	21.85 0.15 -0.15	21.71 0.15 -0.03	20.35 0.06 0.00	19.37 0.04 -0.02	19.66 0.04 -0.01	20.42 0.02 -0.05	21.52 0.04 -0.01	21.80 0.15 -0.07	22.90 0.18 -0.15	24.60 0.22 -0.44	26.88 0.21 -0.24	24.86 0.22 -0.26	24.56 0.24 0.00	21.77 0.17 -0.07	21.61 0.11 -0.02	20.19 0.10 0.00
HAMPSHIRE___PAPER_HYD 323593	20.01 -0.33 0.00	18.21 -0.33 0.00	15.87 -0.27 0.00	15.31 -0.28 0.00	16.31 -0.28 0.00	19.84 -0.24 0.00	23.01 -0.19 0.00	23.80 -0.19 0.00	21.27 -0.28 0.00	21.14 -0.39 0.00	19.90 -0.39 0.00	18.90 -0.41 0.00	19.20 -0.41 0.00	19.94 -0.41 0.00	20.99 -0.47 0.00	21.19 -0.39 0.00	22.21 -0.36 0.00	23.59 -0.36 0.00	26.16 -0.26 0.00	24.14 -0.24 0.00	24.03 -0.29 0.00	21.25 -0.28 0.00	21.16 -0.32 0.00	19.80 -0.28 0.00
HARDSCRABBLE_WT_PWR 323673	20.60 0.26 0.00	18.78 0.24 0.00	16.37 0.23 0.00	15.80 0.22 0.00	16.84 0.25 0.00	20.40 0.32 0.00	23.61 0.42 0.00	24.42 0.43 0.00	21.83 0.28 0.00	21.85 0.32 0.00	20.60 0.30 0.00	19.56 0.25 0.00	19.85 0.24 0.00	20.61 0.26 0.00	21.68 0.21 0.00	21.84 0.26 0.00	22.80 0.23 0.00	24.14 0.19 0.00	26.59 0.16 0.00	24.50 0.12 0.00	24.44 0.12 0.00	21.70 0.17 0.00	21.66 0.17 0.00	20.31 0.22 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	21.76 0.96 -0.47	19.32 0.78 0.00	18.55 0.66 -1.74	18.15 0.64 -1.93	18.28 0.66 -1.03	20.86 0.78 0.00	24.14 0.95 0.00	25.02 1.03 0.00	24.62 0.95 -2.12	22.90 1.01 -0.36	21.20 0.91 0.00	20.53 0.87 -0.35	20.70 0.88 -0.21	22.03 0.92 -0.77	22.66 1.01 -0.19	23.72 1.12 -1.02	26.21 1.17 -2.46	32.60 1.22 -7.43	31.86 1.32 -4.11	29.99 1.19 -4.42	25.48 1.17 0.00	23.78 1.05 -1.20	22.79 1.03 -0.27	20.97 0.88 0.00

HARSNRAD_115KV_TB1 81005	19.89 -0.49 -0.04	18.50 -0.04 0.00	16.08 -0.23 -0.16	15.59 -0.17 -0.17	16.45 -0.23 -0.09	19.92 -0.16 0.00	23.17 -0.02 0.00	23.75 -0.24 0.00	21.40 -0.34 -0.19	21.37 -0.19 -0.03	20.07 -0.22 0.00	18.89 -0.44 -0.03	19.14 -0.49 -0.02	19.87 -0.55 -0.07	20.92 -0.56 -0.02	21.30 -0.37 -0.09	22.41 -0.36 -0.20	24.29 -0.26 -0.60	26.26 -0.50 -0.33	24.35 -0.39 -0.36	24.12 -0.19 0.00	21.22 -0.41 -0.10	21.06 -0.45 -0.02	20.23 0.14 0.00
HARZA MOOSE__RIVER 24016	20.55 0.20 -0.01	18.71 0.17 0.00	16.33 0.15 -0.04	15.77 0.14 -0.05	16.78 0.17 -0.02	20.38 0.30 0.00	23.73 0.53 0.00	24.57 0.58 0.00	21.92 0.32 -0.05	21.73 0.19 -0.01	20.45 0.16 0.00	19.39 0.08 -0.01	19.65 0.04 0.00	20.47 0.10 -0.02	21.53 0.06 0.00	21.82 0.22 -0.02	22.82 0.25 0.00	24.21 0.26 0.00	26.82 0.40 0.00	24.75 0.37 0.00	24.68 0.36 0.00	21.79 0.26 0.00	21.70 0.21 0.00	20.33 0.24 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	20.18 -0.18 -0.03	18.43 -0.11 0.00	16.12 -0.13 -0.11	15.59 -0.11 -0.12	16.54 -0.12 -0.06	19.96 -0.12 0.00	23.17 -0.02 0.00	23.99 0.00 0.00	21.62 -0.06 -0.13	21.49 -0.06 -0.02	20.19 -0.10 0.00	19.19 -0.14 -0.02	19.48 -0.14 -0.01	20.23 -0.16 -0.05	21.30 -0.17 -0.01	21.58 -0.06 -0.06	22.67 -0.02 -0.12	24.29 -0.02 -0.37	26.58 -0.05 -0.21	24.58 -0.02 -0.22	24.34 0.02 0.00	21.57 -0.02 -0.06	21.41 -0.09 -0.01	20.05 -0.04 0.00
HELLGATE_13_KV_LD 55870	22.00 1.14 -0.52	19.41 0.87 0.00	18.85 0.78 -1.93	18.46 0.73 -2.14	18.50 0.76 -1.14	20.88 0.80 0.00	24.10 0.90 0.00	25.07 1.08 0.00	25.07 1.16 -2.36	23.22 1.29 -0.40	21.43 1.14 0.00	20.84 1.14 -0.39	21.00 1.16 -0.23	22.40 1.20 -0.85	23.03 1.35 -0.21	24.16 1.45 -1.13	26.85 1.53 -2.74	33.75 1.53 -8.27	32.56 1.56 -4.57	30.71 1.41 -4.92	25.63 1.31 0.00	24.13 1.27 -1.33	23.10 1.31 -0.30	21.21 1.12 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	22.00 1.14 -0.52	19.41 0.87 0.00	18.85 0.78 -1.93	18.46 0.73 -2.14	18.50 0.76 -1.14	20.88 0.80 0.00	24.10 0.90 0.00	25.07 1.08 0.00	25.07 1.16 -2.36	23.22 1.29 -0.40	21.43 1.14 0.00	20.84 1.14 -0.39	21.00 1.16 -0.23	22.40 1.20 -0.85	23.03 1.35 -0.21	24.16 1.45 -1.13	26.85 1.53 -2.74	33.75 1.53 -8.27	32.56 1.56 -4.57	30.71 1.41 -4.92	25.63 1.31 0.00	24.13 1.27 -1.33	23.10 1.31 -0.30	21.21 1.12 0.00
HEMPSTEAD____ 23647	25.50 1.44 -3.72	19.71 1.17 0.00	19.00 0.92 -1.93	18.62 0.89 -2.14	18.65 0.91 -1.14	21.26 1.18 0.00	24.65 1.46 0.00	26.92 1.56 -1.37	25.88 1.57 -2.75	24.76 1.66 -1.57	27.96 1.40 -6.27	27.64 1.41 -6.93	27.92 1.45 -6.86	27.96 1.53 -6.09	28.41 1.63 -5.32	29.66 1.73 -6.35	36.35 1.81 -11.97	42.52 1.84 -16.73	39.79 1.96 -11.41	35.14 1.80 -8.96	34.99 1.77 -8.90	29.74 1.62 -6.59	26.55 1.63 -3.43	24.58 1.35 -3.15
HEWLETT__69_KV_BK3 55828	25.70 1.65 -3.72	19.89 1.35 0.00	19.15 1.07 -1.93	18.76 1.03 -2.14	18.80 1.06 -1.14	21.44 1.37 0.00	24.88 1.69 0.00	27.16 1.80 -1.37	26.05 1.75 -2.75	24.93 1.83 -1.57	28.14 1.58 -6.27	27.78 1.54 -6.93	28.08 1.61 -6.86	28.10 1.67 -6.09	28.61 1.82 -5.32	29.87 1.94 -6.35	36.57 2.03 -11.97	42.79 2.11 -16.73	40.11 2.27 -11.41	35.41 2.07 -8.96	35.26 2.04 -8.90	29.93 1.81 -6.59	26.76 1.85 -3.43	24.84 1.61 -3.15
HICKLING__1 23621	20.51 0.10 -0.07	18.86 0.32 0.00	16.48 0.08 -0.25	15.99 0.12 -0.28	16.84 0.10 -0.15	20.36 0.28 0.00	23.79 0.60 0.00	24.52 0.53 0.00	22.18 0.32 -0.31	22.06 0.47 -0.05	20.64 0.34 0.00	19.59 0.23 -0.05	19.88 0.24 -0.03	20.58 0.12 -0.11	21.73 0.24 -0.03	22.03 0.30 -0.15	23.24 0.34 -0.33	25.30 0.36 -1.00	27.27 0.29 -0.55	25.27 0.29 -0.59	24.88 0.56 0.00	21.97 0.28 -0.16	21.78 0.26 -0.04	20.45 0.36 0.00
HICKLING__2 23622	20.51 0.10 -0.07	18.86 0.32 0.00	16.48 0.08 -0.25	15.99 0.12 -0.28	16.84 0.10 -0.15	20.36 0.28 0.00	23.79 0.60 0.00	24.52 0.53 0.00	22.18 0.32 -0.31	22.06 0.47 -0.05	20.64 0.34 0.00	19.59 0.23 -0.05	19.88 0.24 -0.03	20.58 0.12 -0.11	21.73 0.24 -0.03	22.03 0.30 -0.15	23.24 0.34 -0.33	25.30 0.36 -1.00	27.27 0.29 -0.55	25.27 0.29 -0.59	24.88 0.56 0.00	21.97 0.28 -0.16	21.78 0.26 -0.04	20.45 0.36 0.00
HIGH FALLS__HY 23754	21.83 0.98 -0.51	19.32 0.78 0.00	18.66 0.63 -1.88	18.28 0.61 -2.09	18.35 0.65 -1.12	20.84 0.76 0.00	24.10 0.90 0.00	25.02 1.03 0.00	24.73 0.88 -2.30	22.89 0.97 -0.39	21.16 0.87 0.00	20.48 0.79 -0.38	20.52 0.69 -0.23	21.87 0.69 -0.83	22.49 0.82 -0.21	23.63 0.95 -1.10	26.24 0.99 -2.67	33.06 1.05 -8.06	32.05 1.16 -4.46	30.22 1.05 -4.79	25.51 1.19 0.00	23.86 1.03 -1.30	22.83 1.05 -0.29	21.03 0.94 0.00
HILLBURN__GT 23639	21.80 0.98 -0.48	19.34 0.80 0.00	18.62 0.69 -1.78	18.21 0.65 -1.97	18.34 0.70 -1.05	20.76 0.68 0.00	24.17 0.97 0.00	25.02 1.03 0.00	24.69 0.97 -2.17	22.95 1.05 -0.37	21.26 0.97 0.00	20.58 0.91 -0.36	20.77 0.94 -0.22	22.11 0.98 -0.79	22.73 1.07 -0.20	23.76 1.14 -1.04	26.31 1.22 -2.52	32.80 1.24 -7.61	31.93 1.29 -4.21	30.05 1.15 -4.52	25.46 1.14 0.00	23.81 1.05 -1.22	22.77 1.01 -0.28	20.99 0.90 0.00
HILLSIDE_115KV_TB1 80332	20.24 -0.16 -0.07	18.60 0.06 0.00	16.28 -0.13 -0.26	15.78 -0.09 -0.29	16.63 -0.12 -0.15	20.08 0.00 0.00	23.45 0.26 0.00	24.16 0.17 0.00	21.82 -0.04 -0.32	21.69 0.11 -0.05	20.37 0.08 0.00	19.30 -0.06 -0.05	19.58 -0.06 -0.03	20.28 -0.18 -0.11	21.41 -0.09 -0.03	21.69 -0.04 -0.15	22.85 -0.07 -0.34	24.93 -0.05 -1.03	26.84 -0.16 -0.57	24.85 -0.15 -0.61	24.41 0.10 0.00	21.57 -0.13 -0.17	21.42 -0.11 -0.04	20.15 0.06 0.00
HISHELDN_WT_PWR 323625	20.08 -0.30 -0.05	18.63 0.09 0.00	16.18 -0.15 -0.18	15.69 -0.09 -0.20	16.56 -0.13 -0.11	20.12 0.04 0.00	23.45 0.26 0.00	24.09 0.10 0.00	21.64 -0.13 -0.22	21.50 -0.06 -0.04	20.31 0.02 0.00	19.15 -0.19 -0.04	19.42 -0.22 -0.02	20.10 -0.33 -0.08	21.23 -0.26 -0.02	21.43 -0.26 -0.11	22.70 -0.11 -0.24	24.64 -0.02 -0.72	26.61 -0.21 -0.40	24.66 -0.15 -0.43	24.44 0.12 0.00	21.52 -0.13 -0.12	21.36 -0.15 -0.03	20.37 0.28 0.00
HOLTSVILLE_IC_1 23690	25.97 1.91 -3.72	20.14 1.59 0.00	19.32 1.24 -1.93	18.95 1.22 -2.14	18.98 1.24 -1.14	21.78 1.71 0.00	25.19 1.99 0.00	27.50 2.13 -1.37	26.42 2.11 -2.75	25.28 2.17 -1.57	28.30 1.75 -6.27	28.03 1.80 -6.93	28.31 1.84 -6.86	28.34 1.91 -6.09	28.84 2.06 -5.32	30.96 2.22 -7.16	43.85 2.30 -18.98	43.98 2.39 -17.64	41.60 2.56 -12.61	42.79 2.36 -16.04	41.51 2.29 -14.91	30.97 2.07 -7.37	27.11 2.19 -3.43	25.08 1.85 -3.15
HOLTSVILLE_IC_10 23699	26.11 2.05 -3.72	20.25 1.70 0.00	19.42 1.34 -1.93	19.02 1.29 -2.14	19.06 1.33 -1.14	21.95 1.87 0.00	25.35 2.16 0.00	27.67 2.30 -1.37	26.61 2.31 -2.75	25.47 2.37 -1.57	28.45 1.89 -6.27	28.20 1.97 -6.93	28.49 2.02 -6.86	28.51 2.08 -6.09	29.04 2.25 -5.32	31.11 2.44 -7.10	43.58 2.53 -18.48	44.15 2.63 -17.57	41.77 2.83 -12.52	42.52 2.58 -15.56	41.35 2.53 -14.50	31.14 2.28 -7.33	27.30 2.38 -3.43	25.22 1.99 -3.15

HOLTSVILLE_IC_2 23691	25.97 1.91 -3.72	20.14 1.59 0.00	19.32 1.24 -1.93	18.95 1.22 -2.14	18.98 1.24 -1.14	21.78 1.71 0.00	25.19 1.99 0.00	27.50 2.13 -1.37	26.42 2.11 -2.75	25.28 2.17 -1.57	28.30 1.75 -6.27	28.03 1.80 -6.93	28.31 1.84 -6.86	28.34 1.91 -6.09	28.84 2.06 -5.32	30.96 2.22 -7.16	43.85 2.30 -18.98	43.98 2.39 -17.64	41.60 2.56 -12.61	42.79 2.36 -16.04	41.51 2.29 -14.91	30.97 2.07 -7.37	27.11 2.19 -3.43	25.08 1.85 -3.15
HOLTSVILLE_IC_3 23692	25.97 1.91 -3.72	20.14 1.59 0.00	19.32 1.24 -1.93	18.95 1.22 -2.14	18.98 1.24 -1.14	21.78 1.71 0.00	25.19 1.99 0.00	27.50 2.13 -1.37	26.42 2.11 -2.75	25.28 2.17 -1.57	28.30 1.75 -6.27	28.03 1.80 -6.93	28.31 1.84 -6.86	28.34 1.91 -6.09	28.84 2.06 -5.32	30.96 2.22 -7.16	43.85 2.30 -18.98	43.98 2.39 -17.64	41.60 2.56 -12.61	42.79 2.36 -16.04	41.51 2.29 -14.91	30.97 2.07 -7.37	27.11 2.19 -3.43	25.08 1.85 -3.15
HOLTSVILLE_IC_4 23693	25.97 1.91 -3.72	20.14 1.59 0.00	19.32 1.24 -1.93	18.95 1.22 -2.14	18.98 1.24 -1.14	21.78 1.71 0.00	25.19 1.99 0.00	27.50 2.13 -1.37	26.42 2.11 -2.75	25.28 2.17 -1.57	28.30 1.75 -6.27	28.03 1.80 -6.93	28.31 1.84 -6.86	28.34 1.91 -6.09	28.84 2.06 -5.32	30.96 2.22 -7.16	43.85 2.30 -18.98	43.98 2.39 -17.64	41.60 2.56 -12.61	42.79 2.36 -16.04	41.51 2.29 -14.91	30.97 2.07 -7.37	27.11 2.19 -3.43	25.08 1.85 -3.15
HOLTSVILLE_IC_5 23694	25.97 1.91 -3.72	20.14 1.59 0.00	19.32 1.24 -1.93	18.95 1.22 -2.14	18.98 1.24 -1.14	21.78 1.71 0.00	25.19 1.99 0.00	27.50 2.13 -1.37	26.42 2.11 -2.75	25.28 2.17 -1.57	28.30 1.75 -6.27	28.03 1.80 -6.93	28.31 1.84 -6.86	28.34 1.91 -6.09	28.84 2.06 -5.32	30.96 2.22 -7.16	43.85 2.30 -18.98	43.98 2.39 -17.64	41.60 2.56 -12.61	42.79 2.36 -16.04	41.51 2.29 -14.91	30.97 2.07 -7.37	27.11 2.19 -3.43	25.08 1.85 -3.15
HOLTSVILLE_IC_6 23695	26.11 2.05 -3.72	20.25 1.70 0.00	19.42 1.34 -1.93	19.02 1.29 -2.14	19.06 1.33 -1.14	21.95 1.87 0.00	25.35 2.16 0.00	27.67 2.30 -1.37	26.61 2.31 -2.75	25.47 2.37 -1.57	28.45 1.89 -6.27	28.20 1.97 -6.93	28.49 2.02 -6.86	28.51 2.08 -6.09	29.04 2.25 -5.32	31.11 2.44 -7.10	43.58 2.53 -18.48	44.15 2.63 -17.57	41.77 2.83 -12.52	42.52 2.58 -15.56	41.35 2.53 -14.50	31.14 2.28 -7.33	27.30 2.38 -3.43	25.22 1.99 -3.15
HOLTSVILLE_IC_7 23696	26.11 2.05 -3.72	20.25 1.70 0.00	19.42 1.34 -1.93	19.02 1.29 -2.14	19.06 1.33 -1.14	21.95 1.87 0.00	25.35 2.16 0.00	27.67 2.30 -1.37	26.61 2.31 -2.75	25.47 2.37 -1.57	28.45 1.89 -6.27	28.20 1.97 -6.93	28.49 2.02 -6.86	28.51 2.08 -6.09	29.04 2.25 -5.32	31.11 2.44 -7.10	43.58 2.53 -18.48	44.15 2.63 -17.57	41.77 2.83 -12.52	42.52 2.58 -15.56	41.35 2.53 -14.50	31.14 2.28 -7.33	27.30 2.38 -3.43	25.22 1.99 -3.15
HOLTSVILLE_IC_8 23697	26.11 2.05 -3.72	20.25 1.70 0.00	19.42 1.34 -1.93	19.02 1.29 -2.14	19.06 1.33 -1.14	21.95 1.87 0.00	25.35 2.16 0.00	27.67 2.30 -1.37	26.61 2.31 -2.75	25.47 2.37 -1.57	28.45 1.89 -6.27	28.20 1.97 -6.93	28.49 2.02 -6.86	28.51 2.08 -6.09	29.04 2.25 -5.32	31.11 2.44 -7.10	43.58 2.53 -18.48	44.15 2.63 -17.57	41.77 2.83 -12.52	42.52 2.58 -15.56	41.35 2.53 -14.50	31.14 2.28 -7.33	27.30 2.38 -3.43	25.22 1.99 -3.15
HOLTSVILLE_IC_9 23698	26.11 2.05 -3.72	20.25 1.70 0.00	19.42 1.34 -1.93	19.02 1.29 -2.14	19.06 1.33 -1.14	21.95 1.87 0.00	25.35 2.16 0.00	27.67 2.30 -1.37	26.61 2.31 -2.75	25.47 2.37 -1.57	28.45 1.89 -6.27	28.20 1.97 -6.93	28.49 2.02 -6.86	28.51 2.08 -6.09	29.04 2.25 -5.32	31.11 2.44 -7.10	43.58 2.53 -18.48	44.15 2.63 -17.57	41.77 2.83 -12.52	42.52 2.58 -15.56	41.35 2.53 -14.50	31.14 2.28 -7.33	27.30 2.38 -3.43	25.22 1.99 -3.15
HOMER_HL_115KV_TB2 355744	19.66 -0.73 -0.05	18.47 -0.07 0.00	15.72 -0.61 -0.19	15.25 -0.55 -0.21	16.07 -0.63 -0.11	19.82 -0.26 0.00	23.33 0.14 0.00	23.90 -0.10 0.00	21.22 -0.56 -0.23	21.55 -0.02 -0.04	20.25 -0.04 0.00	19.07 -0.27 -0.04	19.34 -0.29 -0.02	19.70 -0.73 -0.08	21.14 -0.34 -0.02	21.08 -0.60 -0.11	22.42 -0.41 -0.25	24.32 -0.38 -0.75	26.24 -0.61 -0.42	24.27 -0.56 -0.45	24.41 0.10 0.00	21.18 -0.47 -0.12	21.30 -0.21 -0.03	20.23 0.14 0.00
HOWARD_WT_PWR 323690	20.66 0.26 -0.06	19.10 0.56 0.00	16.62 0.26 -0.21	16.11 0.30 -0.23	17.00 0.28 -0.12	20.64 0.56 0.00	24.14 0.95 0.00	24.85 0.86 0.00	22.32 0.52 -0.26	22.16 0.58 -0.04	20.88 0.59 0.00	19.70 0.35 -0.04	19.99 0.35 -0.03	20.66 0.22 -0.09	21.85 0.36 -0.02	22.09 0.39 -0.12	23.39 0.54 -0.28	25.43 0.65 -0.83	27.47 0.58 -0.46	25.44 0.56 -0.50	25.17 0.85 0.00	22.18 0.52 -0.13	22.01 0.49 -0.03	20.81 0.72 0.00
HQ_GEN_CEDARS 23644	20.07 -0.26 0.00	18.28 -0.26 0.00	15.94 -0.21 0.00	15.37 -0.22 0.00	16.36 -0.23 0.00	19.82 -0.26 0.00	22.80 -0.39 0.00	23.56 -0.43 0.00	21.16 -0.39 0.00	21.06 -0.47 0.00	19.95 -0.34 0.00	18.96 -0.35 0.00	19.30 -0.31 0.00	20.02 -0.33 0.00	21.12 -0.34 0.00	21.15 -0.43 0.00	22.17 -0.41 0.00	23.52 -0.43 0.00	26.03 -0.40 0.00	24.01 -0.37 0.00	23.88 -0.44 0.00	21.19 -0.34 0.00	21.10 -0.39 0.00	19.82 -0.26 0.00
HQ_GEN_CEDARS_PROXY 323590	20.07 -0.26 0.00	18.28 -0.26 0.00	15.94 -0.21 0.00	15.37 -0.22 0.00	16.36 -0.23 0.00	19.80 -0.28 0.00	22.80 -0.39 0.00	23.56 -0.43 0.00	21.16 -0.39 0.00	21.10 -0.43 0.00	19.95 -0.35 0.00	18.98 -0.33 0.00	19.29 -0.31 0.00	20.02 -0.33 0.00	21.12 -0.34 0.00	21.17 -0.41 0.00	22.17 -0.41 0.00	23.52 -0.43 0.00	26.03 -0.40 0.00	24.02 -0.37 0.00	23.88 -0.44 0.00	21.16 -0.37 0.00	21.10 -0.39 0.00	19.82 -0.26 0.00
HQ_GEN_IMPORT 323601	20.15 -0.18 0.00	18.36 -0.19 0.00	16.00 -0.15 0.00	15.43 -0.16 0.00	16.44 -0.15 0.00	19.88 -0.20 0.00	22.87 -0.32 0.00	23.66 -0.34 0.00	21.25 -0.30 0.00	21.25 -0.28 0.00	20.07 -0.22 0.00	19.11 -0.19 0.00	19.41 -0.20 0.00	20.14 -0.20 0.00	21.25 -0.21 0.00	21.30 -0.28 0.00	22.26 -0.32 0.00	23.61 -0.34 0.00	26.11 -0.32 0.00	24.09 -0.29 0.00	23.98 -0.34 0.00	21.25 -0.28 0.00	21.25 -0.24 0.00	19.90 -0.18 0.00
HQ_GEN_WHEEL 23651	20.15 -0.18 0.00	18.36 -0.19 0.00	16.00 -0.15 0.00	15.43 -0.16 0.00	16.44 -0.15 0.00	19.88 -0.20 0.00	22.87 -0.32 0.00	23.66 -0.34 0.00	21.25 -0.30 0.00	21.25 -0.28 0.00	20.07 -0.22 0.00	19.11 -0.19 0.00	19.41 -0.20 0.00	20.14 -0.20 0.00	21.25 -0.21 0.00	21.30 -0.28 0.00	22.26 -0.32 0.00	23.61 -0.34 0.00	26.11 -0.32 0.00	24.09 -0.29 0.00	23.98 -0.34 0.00	21.25 -0.28 0.00	21.25 -0.24 0.00	19.90 -0.18 0.00
HUDSON_AVE_GT_3 23810	21.98 1.12 -0.52	19.45 0.91 0.00	18.89 0.81 -1.93	18.49 0.76 -2.14	18.53 0.80 -1.14	20.94 0.86 0.00	24.21 1.02 0.00	25.14 1.15 0.00	25.11 1.21 -2.36	23.24 1.31 -0.40	21.43 1.14 0.00	20.84 1.14 -0.39	21.00 1.16 -0.23	22.42 1.22 -0.85	23.05 1.37 -0.21	24.20 1.49 -1.13	26.87 1.56 -2.74	33.77 1.56 -8.27	32.61 1.61 -4.57	30.76 1.46 -4.92	25.73 1.41 0.00	24.17 1.31 -1.33	23.10 1.31 -0.30	21.15 1.06 0.00

HUDSON AVE_GT_4 23540	21.98 1.12 -0.52	19.45 0.91 0.00	18.89 0.81 -1.93	18.49 0.76 -2.14	18.53 0.80 -1.14	20.94 0.86 0.00	24.21 1.02 0.00	25.14 1.15 0.00	25.11 1.21 -2.36	23.24 1.31 -0.40	21.43 1.14 0.00	20.84 1.14 -0.39	21.00 1.16 -0.23	22.42 1.22 -0.85	23.05 1.37 -0.21	24.20 1.49 -1.13	26.87 1.56 -2.74	33.77 1.56 -8.27	32.61 1.61 -4.57	30.76 1.46 -4.92	25.73 1.41 0.00	24.17 1.31 -1.33	23.10 1.31 -0.30	21.15 1.06 0.00
HUDSON AVE_GT_5 23657	21.98 1.12 -0.52	19.45 0.91 0.00	18.89 0.81 -1.93	18.49 0.76 -2.14	18.53 0.80 -1.14	20.94 0.86 0.00	24.21 1.02 0.00	25.14 1.15 0.00	25.11 1.21 -2.36	23.24 1.31 -0.40	21.43 1.14 0.00	20.84 1.14 -0.39	21.00 1.16 -0.23	22.42 1.22 -0.85	23.05 1.37 -0.21	24.20 1.49 -1.13	26.87 1.56 -2.74	33.77 1.56 -8.27	32.61 1.61 -4.57	30.76 1.46 -4.92	25.73 1.41 0.00	24.17 1.31 -1.33	23.10 1.31 -0.30	21.15 1.06 0.00
HUDSON_AVE_10 24168	21.92 1.06 -0.52	19.37 0.83 0.00	18.82 0.74 -1.93	18.45 0.72 -2.14	18.48 0.75 -1.14	20.88 0.80 0.00	24.14 0.95 0.00	25.10 1.10 0.00	25.07 1.16 -2.36	23.20 1.27 -0.40	21.37 1.08 0.00	20.76 1.06 -0.39	20.94 1.10 -0.23	22.36 1.16 -0.85	22.99 1.31 -0.21	24.13 1.42 -1.13	26.80 1.49 -2.74	33.70 1.48 -8.27	32.53 1.53 -4.57	30.69 1.39 -4.92	25.65 1.34 0.00	24.11 1.25 -1.33	23.03 1.25 -0.30	21.09 1.00 0.00
HUDSON___115KV_TB 4 355613	21.70 0.71 -0.65	19.28 0.74 0.00	19.13 0.58 -2.40	18.83 0.58 -2.67	18.64 0.63 -1.42	20.92 0.84 0.00	24.26 1.07 0.00	25.14 1.15 0.00	25.30 0.82 -2.93	22.78 0.75 -0.50	20.98 0.69 0.00	20.47 0.68 -0.49	20.57 0.67 -0.29	22.04 0.63 -1.06	22.44 0.71 -0.26	23.70 0.71 -1.41	26.73 0.74 -3.41	35.12 0.89 -10.28	33.20 1.08 -5.69	31.49 1.00 -6.11	25.36 1.05 0.00	23.98 0.80 -1.65	22.74 0.88 -0.38	20.79 0.70 0.00
HUNTER MOUNT___DRP 323613	21.70 0.73 -0.63	19.37 0.83 0.00	19.08 0.61 -2.32	18.76 0.59 -2.58	18.63 0.66 -1.37	21.06 0.98 0.00	24.40 1.21 0.00	25.34 1.34 0.00	25.24 0.86 -2.83	22.83 0.82 -0.48	21.00 0.71 0.00	20.49 0.71 -0.47	20.60 0.71 -0.28	21.98 0.61 -1.03	22.47 0.75 -0.26	23.63 0.69 -1.36	26.59 0.72 -3.30	34.82 0.93 -9.94	33.11 1.19 -5.50	31.41 1.12 -5.91	25.51 1.19 0.00	23.99 0.86 -1.60	22.84 0.99 -0.36	20.87 0.78 0.00
HUNTINGTON_RES_REC 323705	25.82 1.77 -3.72	19.99 1.45 0.00	19.21 1.13 -1.93	18.82 1.09 -2.14	18.85 1.11 -1.14	21.65 1.57 0.00	25.02 1.83 0.00	27.33 1.97 -1.37	26.31 2.00 -2.75	25.19 2.09 -1.57	28.22 1.66 -6.27	27.97 1.74 -6.93	28.25 1.78 -6.86	28.28 1.85 -6.09	28.80 2.02 -5.32	29.98 2.14 -6.27	35.71 2.24 -10.90	42.93 2.35 -16.63	40.20 2.51 -11.26	34.47 2.29 -7.80	34.44 2.21 -7.91	30.03 2.07 -6.43	27.02 2.11 -3.43	24.96 1.73 -3.15
HUNTLEY___63 23557	20.04 -0.35 -0.04	18.58 0.04 0.00	16.21 -0.10 -0.16	15.72 -0.05 -0.18	16.59 -0.10 -0.09	19.98 -0.10 0.00	23.33 0.14 0.00	23.90 -0.10 0.00	21.51 -0.24 -0.20	21.50 -0.06 -0.03	20.21 -0.08 0.00	19.01 -0.33 -0.03	19.26 -0.37 -0.02	19.97 -0.45 -0.07	21.05 -0.43 -0.02	21.41 -0.26 -0.09	22.53 -0.25 -0.21	24.43 -0.14 -0.63	26.40 -0.37 -0.35	24.48 -0.27 -0.37	24.27 -0.05 0.00	21.35 -0.28 -0.10	21.17 -0.34 -0.02	20.31 0.22 0.00
HUNTLEY___64 23558	20.04 -0.35 -0.04	18.58 0.04 0.00	16.21 -0.10 -0.16	15.72 -0.05 -0.18	16.59 -0.10 -0.09	19.98 -0.10 0.00	23.33 0.14 0.00	23.90 -0.10 0.00	21.51 -0.24 -0.20	21.50 -0.06 -0.03	20.21 -0.08 0.00	19.01 -0.33 -0.03	19.26 -0.37 -0.02	19.97 -0.45 -0.07	21.05 -0.43 -0.02	21.41 -0.26 -0.09	22.53 -0.25 -0.21	24.43 -0.14 -0.63	26.40 -0.37 -0.35	24.48 -0.27 -0.37	24.27 -0.05 0.00	21.35 -0.28 -0.10	21.17 -0.34 -0.02	20.31 0.22 0.00
HUNTLEY___65 23559	20.04 -0.35 -0.04	18.58 0.04 0.00	16.21 -0.10 -0.16	15.72 -0.05 -0.18	16.59 -0.10 -0.09	19.98 -0.10 0.00	23.33 0.14 0.00	23.90 -0.10 0.00	21.51 -0.24 -0.20	21.50 -0.06 -0.03	20.21 -0.08 0.00	19.01 -0.33 -0.03	19.26 -0.37 -0.02	19.97 -0.45 -0.07	21.05 -0.43 -0.02	21.41 -0.26 -0.09	22.53 -0.25 -0.21	24.43 -0.14 -0.63	26.40 -0.37 -0.35	24.48 -0.27 -0.37	24.27 -0.05 0.00	21.35 -0.28 -0.10	21.17 -0.34 -0.02	20.31 0.22 0.00
HUNTLEY___66 23560	20.04 -0.35 -0.04	18.58 0.04 0.00	16.21 -0.10 -0.16	15.72 -0.05 -0.18	16.59 -0.10 -0.09	19.98 -0.10 0.00	23.33 0.14 0.00	23.90 -0.10 0.00	21.51 -0.24 -0.20	21.50 -0.06 -0.03	20.21 -0.08 0.00	19.01 -0.33 -0.03	19.26 -0.37 -0.02	19.97 -0.45 -0.07	21.05 -0.43 -0.02	21.41 -0.26 -0.09	22.53 -0.25 -0.21	24.43 -0.14 -0.63	26.40 -0.37 -0.35	24.48 -0.27 -0.37	24.27 -0.05 0.00	21.35 -0.28 -0.10	21.17 -0.34 -0.02	20.31 0.22 0.00
HUNTLEY___67 23561	19.91 -0.47 -0.04	18.47 -0.07 0.00	16.09 -0.23 -0.16	15.58 -0.19 -0.18	16.45 -0.23 -0.10	19.86 -0.22 0.00	23.22 0.02 0.00	23.78 -0.22 0.00	21.41 -0.34 -0.20	21.39 -0.17 -0.03	20.11 -0.18 0.00	18.95 -0.39 -0.03	19.20 -0.43 -0.02	19.89 -0.53 -0.07	20.97 -0.52 -0.02	21.31 -0.37 -0.10	22.42 -0.36 -0.21	24.32 -0.26 -0.64	26.28 -0.50 -0.35	24.37 -0.39 -0.38	24.15 -0.17 0.00	21.22 -0.41 -0.10	21.08 -0.43 -0.02	20.23 0.14 0.00
HUNTLEY___68 23562	19.91 -0.47 -0.04	18.47 -0.07 0.00	16.09 -0.23 -0.16	15.58 -0.19 -0.18	16.45 -0.23 -0.10	19.86 -0.22 0.00	23.22 0.02 0.00	23.78 -0.22 0.00	21.41 -0.34 -0.20	21.39 -0.17 -0.03	20.11 -0.18 0.00	18.95 -0.39 -0.03	19.20 -0.43 -0.02	19.89 -0.53 -0.07	20.97 -0.52 -0.02	21.31 -0.37 -0.10	22.42 -0.36 -0.21	24.32 -0.26 -0.64	26.28 -0.50 -0.35	24.37 -0.39 -0.38	24.15 -0.17 0.00	21.22 -0.41 -0.10	21.08 -0.43 -0.02	20.23 0.14 0.00
HYLAND___LFGE 323620	21.20 0.81 -0.05	19.47 0.93 0.00	17.04 0.71 -0.18	16.47 0.69 -0.20	17.44 0.75 -0.11	21.28 1.20 0.00	24.75 1.55 0.00	25.62 1.63 0.00	23.10 1.34 -0.22	22.64 1.08 -0.04	21.00 0.71 0.00	19.96 0.62 -0.04	20.22 0.59 -0.02	20.99 0.57 -0.08	22.17 0.69 -0.02	22.57 0.89 -0.10	24.00 1.20 -0.23	26.15 1.51 -0.69	28.58 1.77 -0.38	26.50 1.71 -0.41	26.21 1.90 0.00	23.19 1.55 -0.11	22.84 1.33 -0.03	21.35 1.27 0.00
INDECK___CORINTH 23802	22.32 1.30 -0.68	19.71 1.17 0.00	19.71 1.05 -2.52	19.38 1.00 -2.80	19.18 1.09 -1.49	21.52 1.45 0.00	25.02 1.83 0.00	25.89 1.89 0.00	26.24 1.62 -3.07	23.54 1.48 -0.52	21.55 1.26 0.00	21.07 1.25 -0.51	20.99 1.08 -0.30	22.58 1.12 -1.11	22.86 1.12 -0.28	24.18 1.12 -1.48	27.39 1.24 -3.58	36.12 1.39 -10.79	34.03 1.64 -5.96	32.33 1.54 -6.41	25.87 1.56 0.00	24.75 1.48 -1.74	23.28 1.40 -0.39	21.37 1.29 0.00
INDECK___ILION 23567	20.56 0.22 0.00	18.74 0.20 0.00	16.33 0.18 0.00	15.76 0.17 0.00	16.77 0.18 0.00	20.32 0.24 0.00	23.52 0.32 0.00	24.33 0.34 0.00	21.77 0.22 0.00	21.77 0.24 0.00	20.51 0.22 0.00	19.48 0.17 0.00	19.79 0.18 0.00	20.55 0.20 0.00	21.64 0.17 0.00	21.79 0.22 0.00	22.78 0.20 0.00	24.14 0.19 0.00	26.61 0.18 0.00	24.55 0.17 0.00	24.49 0.17 0.00	21.68 0.15 0.00	21.66 0.17 0.00	20.27 0.18 0.00



INDECK___OLEAN 23982	19.66 -0.73 -0.05	18.47 -0.07 0.00	15.72 -0.61 -0.19	15.25 -0.55 -0.21	16.07 -0.63 -0.11	19.88 -0.20 0.00	23.33 0.14 0.00	23.92 -0.07 0.00	21.22 -0.56 -0.23	21.44 -0.13 -0.04	20.25 -0.04 0.00	19.00 -0.35 -0.04	19.34 -0.29 -0.02	19.70 -0.73 -0.08	21.12 -0.37 -0.02	21.00 -0.69 -0.11	22.42 -0.41 -0.25	24.32 -0.38 -0.75	26.24 -0.61 -0.42	24.27 -0.56 -0.45	24.41 0.10 0.00	21.20 -0.45 -0.12	21.30 -0.21 -0.03	20.23 0.14 0.00
INDECK___OSWEGO 23783	20.61 0.24 -0.03	18.80 0.26 0.00	16.46 0.21 -0.10	15.91 0.22 -0.11	16.88 0.23 -0.06	20.42 0.34 0.00	23.77 0.58 0.00	24.59 0.60 0.00	22.12 0.45 -0.12	21.92 0.37 -0.02	20.61 0.32 0.00	19.60 0.27 -0.02	19.86 0.24 -0.01	20.63 0.25 -0.04	21.71 0.24 -0.01	21.96 0.32 -0.06	23.09 0.41 -0.11	24.74 0.45 -0.34	27.12 0.50 -0.19	25.10 0.51 -0.20	24.88 0.56 0.00	22.04 0.45 -0.05	21.89 0.39 -0.01	20.47 0.38 0.00
INDECK___YERKES 23781	20.05 -0.33 -0.04	18.60 0.06 0.00	16.23 -0.08 -0.16	15.73 -0.03 -0.18	16.60 -0.08 -0.09	20.12 0.04 0.00	23.36 0.16 0.00	23.94 -0.05 0.00	21.53 -0.22 -0.20	21.35 -0.22 -0.03	20.23 -0.06 0.00	19.03 -0.31 -0.03	19.28 -0.35 -0.02	19.99 -0.43 -0.07	21.05 -0.43 -0.02	21.30 -0.37 -0.09	22.56 -0.23 -0.21	24.43 -0.14 -0.63	26.43 -0.34 -0.35	24.51 -0.24 -0.37	24.29 -0.02 0.00	21.39 -0.24 -0.10	21.19 -0.32 -0.02	20.33 0.24 0.00
INDIAN POINT_GT_1 24139	21.85 1.00 -0.52	19.36 0.82 0.00	18.76 0.71 -1.90	18.36 0.67 -2.11	18.43 0.71 -1.12	20.88 0.80 0.00	24.17 0.97 0.00	25.02 1.03 0.00	24.92 1.06 -2.31	23.04 1.12 -0.39	21.26 0.97 0.00	20.66 0.97 -0.39	20.86 1.02 -0.23	22.24 1.06 -0.84	22.83 1.16 -0.21	23.96 1.27 -1.11	26.58 1.31 -2.69	33.39 1.32 -8.12	32.32 1.40 -4.49	30.48 1.27 -4.83	25.58 1.26 0.00	23.98 1.14 -1.31	22.90 1.12 -0.30	21.01 0.92 0.00
INDIAN POINT_GT_2 23659	21.85 1.00 -0.52	19.36 0.82 0.00	18.76 0.71 -1.90	18.36 0.67 -2.11	18.43 0.71 -1.12	20.88 0.80 0.00	24.17 0.97 0.00	25.02 1.03 0.00	24.92 1.06 -2.31	23.04 1.12 -0.39	21.26 0.97 0.00	20.66 0.97 -0.39	20.86 1.02 -0.23	22.24 1.06 -0.84	22.83 1.16 -0.21	23.96 1.27 -1.11	26.58 1.31 -2.69	33.39 1.32 -8.12	32.32 1.40 -4.49	30.48 1.27 -4.83	25.58 1.26 0.00	23.98 1.14 -1.31	22.90 1.12 -0.30	21.01 0.92 0.00
INDIAN POINT_GT_3 24019	21.85 1.00 -0.52	19.36 0.82 0.00	18.76 0.71 -1.90	18.36 0.67 -2.11	18.43 0.71 -1.12	20.88 0.80 0.00	24.17 0.97 0.00	25.02 1.03 0.00	24.92 1.06 -2.31	23.04 1.12 -0.39	21.26 0.97 0.00	20.66 0.97 -0.39	20.86 1.02 -0.23	22.24 1.06 -0.84	22.83 1.16 -0.21	23.96 1.27 -1.11	26.58 1.31 -2.69	33.39 1.32 -8.12	32.32 1.40 -4.49	30.48 1.27 -4.83	25.58 1.26 0.00	23.98 1.14 -1.31	22.90 1.12 -0.30	21.01 0.92 0.00
INDIAN POINT___2 23530	21.82 0.98 -0.50	19.34 0.80 0.00	18.70 0.69 -1.85	18.30 0.65 -2.06	18.39 0.70 -1.10	20.82 0.74 0.00	24.14 0.95 0.00	25.00 1.01 0.00	24.83 1.01 -2.26	23.01 1.10 -0.38	21.24 0.95 0.00	20.63 0.95 -0.38	20.81 0.98 -0.22	22.18 1.02 -0.82	22.81 1.14 -0.20	23.89 1.23 -1.09	26.49 1.29 -2.63	33.18 1.29 -7.94	32.16 1.35 -4.39	30.32 1.22 -4.72	25.53 1.22 0.00	23.93 1.12 -1.28	22.85 1.07 -0.29	20.99 0.90 0.00
INDIAN POINT___3 23531	21.83 0.98 -0.52	19.36 0.82 0.00	18.74 0.69 -1.90	18.36 0.67 -2.11	18.41 0.70 -1.12	20.86 0.78 0.00	24.17 0.97 0.00	25.02 1.03 0.00	24.90 1.03 -2.32	23.04 1.12 -0.39	21.26 0.97 0.00	20.64 0.95 -0.39	20.82 0.98 -0.23	22.20 1.02 -0.84	22.81 1.14 -0.21	23.92 1.23 -1.11	26.56 1.29 -2.70	33.37 1.29 -8.13	32.30 1.37 -4.49	30.46 1.24 -4.83	25.53 1.22 0.00	23.96 1.12 -1.31	22.88 1.10 -0.30	20.99 0.90 0.00
INGHAM_C_115KV_TB7 356103	20.66 0.33 0.00	18.84 0.30 0.00	16.41 0.26 0.00	15.84 0.25 0.00	16.87 0.28 0.00	20.46 0.38 0.00	23.66 0.46 0.00	24.47 0.48 0.00	21.85 0.30 0.00	21.90 0.37 0.00	20.64 0.34 0.00	19.60 0.29 0.00	19.88 0.27 0.00	20.65 0.31 0.00	21.70 0.24 0.00	21.86 0.28 0.00	22.82 0.25 0.00	24.19 0.24 0.00	26.64 0.21 0.00	24.55 0.17 0.00	24.51 0.19 0.00	21.77 0.24 0.00	21.74 0.26 0.00	20.37 0.28 0.00
IP CORINTH___1 23988	22.32 1.30 -0.68	19.71 1.17 0.00	19.72 1.05 -2.52	19.38 1.00 -2.80	19.18 1.09 -1.49	21.50 1.43 0.00	25.02 1.83 0.00	25.89 1.90 0.00	26.24 1.62 -3.07	23.54 1.49 -0.52	21.55 1.26 0.00	21.07 1.25 -0.51	20.99 1.08 -0.30	22.56 1.10 -1.11	22.86 1.12 -0.28	24.20 1.14 -1.48	27.39 1.24 -3.58	36.12 1.39 -10.79	34.03 1.64 -5.96	32.33 1.54 -6.41	25.87 1.56 0.00	24.75 1.49 -1.74	23.28 1.40 -0.39	21.37 1.29 0.00
IP___TICONDEROGA 23804	23.16 2.14 -0.68	20.47 1.93 0.00	20.38 1.71 -2.52	20.00 1.62 -2.79	19.87 1.79 -1.49	22.49 2.41 0.00	26.30 3.11 0.00	27.18 3.19 0.00	27.34 2.72 -3.07	24.48 2.43 -0.52	22.38 2.09 0.00	21.83 2.01 -0.51	21.74 1.82 -0.30	23.25 1.79 -1.11	23.57 1.82 -0.28	25.06 2.01 -1.48	28.31 2.17 -3.57	37.19 2.47 -10.78	35.27 2.88 -5.96	33.62 2.83 -6.41	27.21 2.89 0.00	25.83 2.56 -1.73	24.31 2.43 -0.39	22.23 2.15 0.00
ISLIP_RES_REC 323679	26.21 2.15 -3.72	20.34 1.80 0.00	19.48 1.40 -1.93	19.10 1.37 -2.14	19.14 1.41 -1.14	22.05 1.97 0.00	25.47 2.27 0.00	27.81 2.45 -1.37	26.74 2.43 -2.75	25.60 2.50 -1.57	28.57 2.01 -6.27	28.32 2.09 -6.93	28.61 2.14 -6.86	28.63 2.20 -6.09	29.16 2.38 -5.32	31.20 2.59 -7.03	43.19 2.68 -17.93	44.24 2.80 -17.50	41.86 3.01 -12.43	42.14 2.75 -15.00	41.02 2.67 -14.03	31.21 2.41 -7.27	27.43 2.51 -3.43	25.34 2.11 -3.15
JAMAICA__27_KV_LOAD 355505	21.98 1.12 -0.52	19.41 0.87 0.00	18.85 0.78 -1.93	18.46 0.73 -2.14	18.51 0.78 -1.14	20.92 0.84 0.00	24.19 1.00 0.00	25.19 1.20 0.00	25.22 1.31 -2.36	23.37 1.44 -0.40	21.39 1.10 0.00	20.80 1.10 -0.39	20.98 1.14 -0.23	22.42 1.22 -0.85	23.05 1.37 -0.21	24.20 1.49 -1.13	26.89 1.58 -2.74	33.82 1.60 -8.27	32.64 1.64 -4.57	30.78 1.49 -4.92	25.73 1.41 0.00	24.17 1.31 -1.33	23.16 1.38 -0.30	21.15 1.06 0.00
JANIS___SOLAR 323808	21.20 0.79 -0.08	19.32 0.78 0.00	17.04 0.61 -0.28	16.48 0.59 -0.31	17.38 0.63 -0.16	21.00 0.92 0.00	24.58 1.39 0.00	25.43 1.44 0.00	22.88 0.99 -0.34	22.38 0.80 -0.06	20.92 0.63 0.00	19.83 0.46 -0.06	20.06 0.41 -0.03	20.96 0.49 -0.12	22.01 0.51 -0.03	22.52 0.78 -0.16	23.89 0.95 -0.37	26.17 1.10 -1.12	28.37 1.32 -0.62	26.31 1.27 -0.67	25.68 1.36 0.00	22.77 1.05 -0.18	22.49 0.97 -0.04	21.01 0.92 0.00
JARVIS____ 23743	20.44 0.10 0.00	18.62 0.07 0.00	16.21 0.06 0.00	15.65 0.06 0.00	16.66 0.07 0.00	20.16 0.08 0.00	23.33 0.14 0.00	24.14 0.14 0.00	21.66 0.11 0.00	21.62 0.09 0.00	20.37 0.08 0.00	19.36 0.06 0.00	19.67 0.06 0.00	20.43 0.08 0.00	21.55 0.09 0.00	21.66 0.09 0.00	22.64 0.07 0.00	24.02 0.07 0.00	26.48 0.05 0.00	24.43 0.05 0.00	24.36 0.05 0.00	21.57 0.04 0.00	21.53 0.04 0.00	20.13 0.04 0.00

JENNISON___1 23625	21.31 0.87 -0.10	19.36 0.82 0.00	17.15 0.65 -0.36	16.61 0.62 -0.40	17.48 0.68 -0.21	21.06 0.98 0.00	24.68 1.48 0.00	25.53 1.54 0.00	23.07 1.08 -0.44	22.57 0.97 -0.07	21.10 0.81 0.00	20.00 0.62 -0.07	20.22 0.57 -0.04	21.20 0.69 -0.16	22.19 0.69 -0.04	22.80 1.01 -0.21	24.19 1.13 -0.49	26.63 1.20 -1.48	28.65 1.40 -0.82	26.58 1.32 -0.88	25.73 1.41 0.00	22.85 1.08 -0.24	22.55 1.01 -0.05	21.09 1.00 0.00
JENNISON___2 23626	21.31 0.87 -0.10	19.36 0.82 0.00	17.15 0.65 -0.36	16.61 0.62 -0.40	17.48 0.68 -0.21	21.06 0.98 0.00	24.68 1.48 0.00	25.53 1.54 0.00	23.07 1.08 -0.44	22.57 0.97 -0.07	21.10 0.81 0.00	20.00 0.62 -0.07	20.22 0.57 -0.04	21.20 0.69 -0.16	22.19 0.69 -0.04	22.80 1.01 -0.21	24.19 1.13 -0.49	26.63 1.20 -1.48	28.65 1.40 -0.82	26.58 1.32 -0.88	25.73 1.41 0.00	22.85 1.08 -0.24	22.55 1.01 -0.05	21.09 1.00 0.00
JERICHO_RISE_WT_PWR 323719	20.42 0.08 0.00	18.62 0.07 0.00	16.26 0.11 0.00	15.68 0.09 0.00	16.71 0.12 0.00	20.32 0.24 0.00	23.36 0.16 0.00	23.94 -0.05 0.00	21.62 0.06 0.00	21.57 0.04 0.00	20.33 0.04 0.00	19.42 0.12 0.00	19.79 0.18 0.00	20.49 0.14 0.00	21.64 0.17 0.00	21.66 0.09 0.00	22.71 0.14 0.00	24.11 0.17 0.00	26.98 0.56 0.00	24.87 0.49 0.00	24.70 0.39 0.00	21.90 0.37 0.00	21.76 0.28 0.00	20.39 0.30 0.00
KATONAH___115KV_46KV_TB4 355592	22.01 1.14 -0.54	19.49 0.95 0.00	18.93 0.81 -1.97	18.57 0.79 -2.19	18.59 0.83 -1.17	21.06 0.98 0.00	24.33 1.14 0.00	25.19 1.20 0.00	25.21 1.25 -2.41	23.23 1.29 -0.41	21.39 1.10 0.00	20.77 1.06 -0.40	21.04 1.20 -0.24	22.44 1.22 -0.87	23.01 1.33 -0.22	24.20 1.47 -1.16	26.86 1.49 -2.80	33.90 1.51 -8.45	32.68 1.59 -4.67	30.86 1.46 -5.02	25.82 1.51 0.00	24.18 1.29 -1.36	23.06 1.27 -0.31	21.15 1.06 0.00
KCE_NY_1 323755	22.14 1.12 -0.68	19.56 1.02 0.00	19.57 0.90 -2.51	19.23 0.86 -2.79	19.01 0.93 -1.49	21.28 1.20 0.00	24.68 1.49 0.00	25.53 1.54 0.00	25.93 1.31 -3.07	23.28 1.23 -0.52	21.32 1.03 0.00	20.86 1.04 -0.51	20.91 1.00 -0.30	22.49 1.04 -1.11	22.81 1.07 -0.28	24.17 1.12 -1.47	27.34 1.20 -3.57	36.06 1.34 -10.77	33.91 1.53 -5.95	32.22 1.44 -6.40	25.77 1.46 0.00	24.56 1.29 -1.73	23.13 1.25 -0.39	21.15 1.06 0.00
KCE_NY_6_ESR 323823	20.06 -0.33 -0.05	18.69 0.15 0.00	16.17 -0.15 -0.17	15.68 -0.09 -0.19	16.54 -0.15 -0.10	20.16 0.08 0.00	23.49 0.30 0.00	24.11 0.12 0.00	21.61 -0.15 -0.21	21.52 -0.04 -0.03	20.37 0.08 0.00	19.17 -0.17 -0.03	19.43 -0.20 -0.02	20.07 -0.35 -0.07	21.25 -0.24 -0.02	21.40 -0.28 -0.10	22.68 -0.11 -0.22	24.59 -0.02 -0.67	26.56 -0.24 -0.37	24.63 -0.15 -0.40	24.49 0.17 0.00	21.49 -0.15 -0.11	21.36 -0.15 -0.02	20.43 0.34 0.00
KEDC_PORT_JEFF_GT2 24210	26.07 2.01 -3.72	20.21 1.67 0.00	19.39 1.31 -1.93	18.99 1.26 -2.14	19.03 1.29 -1.14	21.89 1.81 0.00	25.28 2.09 0.00	27.59 2.23 -1.37	26.55 2.24 -2.75	25.41 2.30 -1.57	28.41 1.85 -6.27	28.14 1.91 -6.93	28.43 1.96 -6.86	28.45 2.01 -6.09	28.97 2.19 -5.32	31.08 2.35 -7.15	43.93 2.37 -18.99	43.97 2.39 -17.63	41.62 2.59 -12.60	42.83 2.36 -16.08	41.62 2.36 -14.95	31.14 2.22 -7.39	27.24 2.32 -3.43	25.18 1.95 -3.15
KEDC_PORT_JEFF_GT3 24211	26.07 2.01 -3.72	20.21 1.67 0.00	19.39 1.31 -1.93	18.99 1.26 -2.14	19.03 1.29 -1.14	21.89 1.81 0.00	25.28 2.09 0.00	27.59 2.23 -1.37	26.55 2.24 -2.75	25.41 2.30 -1.57	28.41 1.85 -6.27	28.14 1.91 -6.93	28.43 1.96 -6.86	28.45 2.01 -6.09	28.97 2.19 -5.32	31.08 2.35 -7.15	43.93 2.37 -18.99	43.97 2.39 -17.63	41.62 2.59 -12.60	42.83 2.36 -16.08	41.62 2.36 -14.95	31.14 2.22 -7.39	27.24 2.32 -3.43	25.18 1.95 -3.15
KEDC_GLWD_GT4 24219	25.46 1.40 -3.72	19.69 1.15 0.00	19.02 0.94 -1.93	18.63 0.90 -2.14	18.66 0.93 -1.14	21.22 1.14 0.00	24.61 1.41 0.00	26.88 1.51 -1.37	25.81 1.51 -2.75	24.70 1.59 -1.57	27.96 1.40 -6.27	27.62 1.39 -6.93	27.90 1.43 -6.86	27.94 1.51 -6.09	28.41 1.63 -5.32	29.66 1.73 -6.35	36.26 1.71 -11.97	42.38 1.70 -16.73	39.64 1.80 -11.41	34.97 1.63 -8.96	34.97 1.75 -8.90	29.72 1.59 -6.59	26.48 1.57 -3.43	24.56 1.33 -3.15
KEDC_GLWD_GT5 24220	25.46 1.40 -3.72	19.69 1.15 0.00	19.02 0.94 -1.93	18.63 0.90 -2.14	18.66 0.93 -1.14	21.22 1.14 0.00	24.61 1.41 0.00	26.88 1.51 -1.37	25.81 1.51 -2.75	24.70 1.59 -1.57	27.96 1.40 -6.27	27.62 1.39 -6.93	27.90 1.43 -6.86	27.94 1.51 -6.09	28.41 1.63 -5.32	29.66 1.73 -6.35	36.26 1.71 -11.97	42.38 1.70 -16.73	39.64 1.80 -11.41	34.97 1.63 -8.96	34.97 1.75 -8.90	29.72 1.59 -6.59	26.48 1.57 -3.43	24.56 1.33 -3.15
KENSICO____ 23655	21.92 1.06 -0.52	19.41 0.87 0.00	18.83 0.76 -1.92	18.44 0.72 -2.14	18.49 0.76 -1.14	20.94 0.86 0.00	24.24 1.04 0.00	25.10 1.10 0.00	25.02 1.12 -2.35	23.13 1.21 -0.40	21.35 1.06 0.00	20.74 1.04 -0.39	20.92 1.08 -0.23	22.32 1.12 -0.85	22.92 1.24 -0.21	24.04 1.34 -1.13	26.70 1.40 -2.73	33.60 1.41 -8.24	32.46 1.48 -4.55	30.62 1.34 -4.90	25.65 1.34 0.00	24.06 1.21 -1.33	22.97 1.18 -0.30	21.07 0.98 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	21.78 0.98 -0.47	19.34 0.80 0.00	18.52 0.65 -1.72	18.12 0.62 -1.91	18.27 0.66 -1.02	20.88 0.80 0.00	24.14 0.95 0.00	25.07 1.08 0.00	24.58 0.93 -2.10	22.86 0.97 -0.36	21.16 0.87 0.00	20.45 0.79 -0.35	20.47 0.65 -0.21	21.78 0.67 -0.76	22.43 0.77 -0.19	23.52 0.93 -1.01	25.99 0.97 -2.45	32.35 1.03 -7.38	31.67 1.16 -4.08	29.81 1.05 -4.39	25.53 1.22 0.00	23.79 1.08 -1.19	22.83 1.07 -0.27	21.03 0.94 0.00
KIAC_JFK_GT1 23816	21.88 1.02 -0.52	19.30 0.76 0.00	18.77 0.69 -1.93	18.38 0.65 -2.14	18.43 0.70 -1.14	20.82 0.74 0.00	24.07 0.88 0.00	25.07 1.08 0.00	25.11 1.21 -2.36	23.24 1.31 -0.40	21.26 0.97 0.00	20.72 1.02 -0.39	20.88 1.04 -0.23	22.32 1.12 -0.85	22.94 1.27 -0.21	24.09 1.38 -1.13	26.76 1.44 -2.74	33.68 1.46 -8.27	32.48 1.48 -4.57	30.66 1.37 -4.92	25.58 1.26 0.00	24.05 1.18 -1.33	23.06 1.27 -0.30	21.05 0.96 0.00
KIAC_JFK_GT2 23817	21.88 1.02 -0.52	19.30 0.76 0.00	18.77 0.69 -1.93	18.38 0.65 -2.14	18.43 0.70 -1.14	20.82 0.74 0.00	24.07 0.88 0.00	25.07 1.08 0.00	25.11 1.21 -2.36	23.24 1.31 -0.40	21.26 0.97 0.00	20.72 1.02 -0.39	20.88 1.04 -0.23	22.32 1.12 -0.85	22.94 1.27 -0.21	24.09 1.38 -1.13	26.76 1.44 -2.74	33.68 1.46 -8.27	32.48 1.48 -4.57	30.66 1.37 -4.92	25.58 1.26 0.00	24.05 1.18 -1.33	23.06 1.27 -0.30	21.05 0.96 0.00
KIAC_JFK____ 323774	21.88 1.02 -0.52	19.30 0.76 0.00	18.77 0.69 -1.93	18.38 0.65 -2.14	18.43 0.70 -1.14	20.78 0.70 0.00	24.07 0.88 0.00	25.07 1.08 0.00	25.11 1.21 -2.36	23.24 1.31 -0.40	21.26 0.97 0.00	20.72 1.02 -0.39	20.88 1.04 -0.23	22.32 1.12 -0.85	22.94 1.27 -0.21	24.05 1.34 -1.13	26.76 1.45 -2.74	33.70 1.49 -8.27	32.48 1.48 -4.57	30.66 1.36 -4.92	25.58 1.26 0.00	24.07 1.20 -1.33	23.06 1.27 -0.30	21.03 0.94 0.00

KINTIGH____ 23543	19.97 -0.41 -0.04	18.37 -0.17 0.00	16.13 -0.16 -0.14	15.62 -0.12 -0.16	16.53 -0.15 -0.09	19.80 -0.28 0.00	23.12 -0.07 0.00	23.75 -0.24 0.00	21.49 -0.24 -0.18	21.34 -0.22 -0.03	20.05 -0.24 0.00	18.93 -0.41 -0.03	19.20 -0.43 -0.02	20.00 -0.41 -0.06	20.99 -0.49 -0.02	21.42 -0.24 -0.08	22.53 -0.23 -0.18	24.33 -0.17 -0.55	26.39 -0.34 -0.30	24.44 -0.27 -0.33	24.12 -0.19 0.00	21.34 -0.28 -0.09	21.08 -0.43 -0.02	20.13 0.04 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	20.70 0.37 0.00	18.87 0.33 0.00	16.49 0.34 0.00	15.87 0.28 0.00	16.92 0.33 0.00	20.56 0.48 0.00	23.73 0.53 0.00	24.23 0.24 0.00	21.90 0.34 0.00	21.79 0.26 0.00	20.53 0.24 0.00	19.63 0.33 0.00	20.02 0.41 0.00	20.71 0.37 0.00	21.87 0.41 0.00	21.90 0.32 0.00	23.00 0.43 0.00	24.45 0.50 0.00	27.48 1.06 0.00	25.31 0.93 0.00	25.14 0.83 0.00	22.28 0.75 0.00	22.07 0.58 0.00	20.71 0.62 0.00
LACHUTE__HYDRO 323717	23.16 2.13 -0.68	20.47 1.93 0.00	20.37 1.71 -2.52	20.00 1.62 -2.79	19.87 1.79 -1.49	22.47 2.39 0.00	26.30 3.11 0.00	27.18 3.19 0.00	27.34 2.72 -3.07	24.46 2.41 -0.52	22.38 2.09 0.00	21.83 2.01 -0.51	21.74 1.82 -0.30	23.25 1.79 -1.11	23.57 1.82 -0.28	25.06 2.01 -1.48	28.31 2.17 -3.57	37.19 2.47 -10.78	35.27 2.88 -5.96	33.62 2.83 -6.41	27.21 2.89 0.00	25.83 2.56 -1.73	24.31 2.43 -0.39	22.24 2.15 0.00
LAWRNCV_115KV_TB1 80681	19.83 -0.51 0.00	18.04 -0.50 0.00	15.74 -0.40 0.00	15.18 -0.41 0.00	16.16 -0.43 0.00	19.60 -0.48 0.00	22.59 -0.60 0.00	23.34 -0.65 0.00	20.93 -0.63 0.00	20.80 -0.73 0.00	19.70 -0.59 0.00	18.71 -0.60 0.00	19.04 -0.57 0.00	19.76 -0.59 0.00	20.84 -0.62 0.00	20.91 -0.67 0.00	21.92 -0.65 0.00	23.25 -0.69 0.00	25.79 -0.63 0.00	23.80 -0.59 0.00	23.64 -0.68 0.00	20.97 -0.56 0.00	20.86 -0.62 0.00	19.58 -0.50 0.00
LEDERLE____ 23769	21.87 1.04 -0.49	19.39 0.85 0.00	18.68 0.73 -1.81	18.30 0.70 -2.01	18.39 0.73 -1.07	20.92 0.84 0.00	24.24 1.04 0.00	25.10 1.10 0.00	24.82 1.06 -2.21	23.05 1.14 -0.37	21.32 1.03 0.00	20.66 0.98 -0.37	20.85 1.02 -0.22	22.20 1.06 -0.80	22.84 1.18 -0.20	23.91 1.27 -1.06	26.47 1.33 -2.57	33.06 1.36 -7.75	32.16 1.45 -4.28	30.30 1.32 -4.61	25.60 1.29 0.00	23.94 1.16 -1.25	22.91 1.14 -0.28	21.05 0.96 0.00
LIGHTHSE_115KV_TB6 355974	20.42 0.06 -0.02	18.63 0.09 0.00	16.30 0.06 -0.09	15.76 0.08 -0.10	16.73 0.08 -0.05	20.26 0.18 0.00	23.61 0.42 0.00	24.45 0.46 0.00	21.94 0.28 -0.11	21.76 0.22 -0.02	20.41 0.12 0.00	19.40 0.08 -0.02	19.66 0.04 -0.01	20.41 0.02 -0.04	21.47 0.00 -0.01	21.74 0.11 -0.05	22.83 0.16 -0.10	24.44 0.19 -0.30	26.86 0.26 -0.17	24.83 0.27 -0.18	24.61 0.29 0.00	21.82 0.24 -0.05	21.73 0.24 -0.01	20.31 0.22 0.00
LINDEN COGEN____ 23786	21.86 1.00 -0.52	19.34 0.80 0.00	18.81 0.73 -1.93	18.41 0.69 -2.14	18.46 0.73 -1.14	20.74 0.66 0.00	24.07 0.88 0.00	16.22 0.96 8.73	18.99 1.01 3.57	18.65 1.12 4.00	18.41 0.97 2.85	18.70 0.96 1.57	18.68 0.98 1.91	22.28 1.08 -0.85	22.90 1.22 -0.21	24.03 1.32 -1.13	26.71 1.40 -2.74	33.58 1.36 -8.27	32.40 1.40 -4.57	30.59 1.29 -4.92	25.56 1.24 0.00	24.02 1.16 -1.33	22.93 1.14 -0.30	21.03 0.94 0.00
LINDHRST_69_KV_BK1 356055	25.95 1.89 -3.72	20.12 1.58 0.00	19.31 1.23 -1.93	18.93 1.20 -2.14	18.96 1.23 -1.14	21.68 1.61 0.00	25.16 1.97 0.00	27.47 2.11 -1.37	26.40 2.09 -2.75	25.28 2.17 -1.57	28.35 1.79 -6.27	28.05 1.81 -6.93	28.31 1.84 -6.86	28.35 1.91 -6.09	28.86 2.08 -5.32	30.23 2.22 -6.43	37.48 2.33 -12.58	43.20 2.44 -16.81	40.56 2.62 -11.52	36.37 2.41 -9.58	36.10 2.36 -9.43	30.21 2.07 -6.61	27.07 2.15 -3.43	25.06 1.83 -3.15
LIPA_MISC_IPP 23656	26.09 2.03 -3.72	20.25 1.71 0.00	19.40 1.32 -1.93	19.02 1.29 -2.14	19.06 1.33 -1.14	21.85 1.77 0.00	25.33 2.13 0.00	27.64 2.28 -1.37	26.57 2.26 -2.75	25.43 2.33 -1.57	28.43 1.87 -6.27	28.14 1.91 -6.93	28.43 1.96 -6.86	28.47 2.03 -6.09	28.99 2.21 -5.32	31.15 2.42 -7.15	43.94 2.46 -18.90	44.16 2.59 -17.63	41.80 2.77 -12.60	42.94 2.58 -15.97	41.67 2.50 -14.85	30.58 2.22 -6.83	27.26 2.34 -3.43	25.22 1.99 -3.15
LISF__SOLAR 323691	26.13 2.08 -3.72	20.28 1.74 0.00	19.44 1.36 -1.93	19.05 1.32 -2.14	19.10 1.36 -1.14	21.92 1.85 0.00	25.37 2.18 0.00	27.69 2.33 -1.37	26.59 2.28 -2.75	25.43 2.33 -1.57	28.45 1.89 -6.27	28.16 1.93 -6.93	28.45 1.98 -6.86	28.49 2.05 -6.09	28.99 2.21 -5.32	31.13 2.42 -7.14	43.89 2.51 -18.81	44.20 2.63 -17.62	41.84 2.83 -12.58	42.88 2.61 -15.89	41.60 2.51 -14.78	31.15 2.26 -7.36	27.30 2.38 -3.43	25.26 2.03 -3.15
LITTLE FALLS__HYD 24013	20.66 0.33 0.00	18.84 0.30 0.00	16.41 0.26 0.00	15.84 0.25 0.00	16.87 0.28 0.00	20.46 0.38 0.00	23.66 0.46 0.00	24.47 0.48 0.00	21.85 0.30 0.00	21.90 0.37 0.00	20.64 0.34 0.00	19.60 0.29 0.00	19.88 0.27 0.00	20.65 0.31 0.00	21.70 0.24 0.00	21.86 0.28 0.00	22.82 0.25 0.00	24.19 0.24 0.00	26.64 0.21 0.00	24.55 0.17 0.00	24.51 0.19 0.00	21.77 0.24 0.00	21.74 0.26 0.00	20.37 0.28 0.00
LITTLRIV_115KV_TB1 356100	19.97 -0.37 0.00	18.17 -0.37 0.00	15.86 -0.29 0.00	15.27 -0.31 0.00	16.28 -0.32 0.00	19.78 -0.30 0.00	22.80 -0.39 0.00	23.58 -0.41 0.00	21.10 -0.45 0.00	20.93 -0.60 0.00	19.82 -0.47 0.00	18.80 -0.50 0.00	19.12 -0.49 0.00	19.88 -0.47 0.00	20.95 -0.52 0.00	21.04 -0.54 0.00	22.08 -0.50 0.00	23.42 -0.53 0.00	26.00 -0.42 0.00	23.99 -0.39 0.00	23.83 -0.49 0.00	21.10 -0.43 0.00	20.99 -0.49 0.00	19.74 -0.34 0.00
LI_NEWBRDGE__DRP 323616	25.48 1.42 -3.72	19.69 1.15 0.00	18.97 0.89 -1.93	18.60 0.87 -2.14	18.61 0.88 -1.14	21.24 1.16 0.00	24.63 1.44 0.00	26.90 1.54 -1.37	25.86 1.55 -2.75	24.72 1.61 -1.57	27.90 1.34 -6.27	27.58 1.35 -6.93	27.86 1.39 -6.86	27.88 1.44 -6.09	28.35 1.57 -5.32	29.62 1.68 -6.35	36.28 1.74 -11.97	42.48 1.80 -16.73	39.74 1.90 -11.41	35.09 1.76 -8.96	34.92 1.70 -8.90	29.67 1.55 -6.59	26.53 1.61 -3.43	24.58 1.35 -3.15
LOCKPORT_115KV_TB60_63_64 80432	19.89 -0.49 -0.04	18.52 -0.02 0.00	16.08 -0.23 -0.15	15.57 -0.19 -0.17	16.45 -0.23 -0.09	19.94 -0.14 0.00	23.17 -0.02 0.00	23.75 -0.24 0.00	21.40 -0.34 -0.19	21.37 -0.19 -0.03	20.07 -0.22 0.00	18.89 -0.44 -0.03	19.14 -0.49 -0.02	19.87 -0.55 -0.07	20.92 -0.56 -0.02	21.30 -0.37 -0.09	22.41 -0.36 -0.20	24.28 -0.26 -0.60	26.28 -0.48 -0.33	24.37 -0.37 -0.36	24.12 -0.19 0.00	21.24 -0.39 -0.10	21.06 -0.45 -0.02	20.23 0.14 0.00
LOCKPORT__CC1 323769	19.89 -0.49 -0.04	18.52 -0.02 0.00	16.08 -0.23 -0.16	15.59 -0.17 -0.17	16.45 -0.23 -0.09	19.92 -0.16 0.00	23.19 0.00 0.00	23.78 -0.22 0.00	21.40 -0.35 -0.19	21.20 -0.37 -0.03	20.07 -0.22 0.00	18.89 -0.44 -0.03	19.14 -0.49 -0.02	19.87 -0.55 -0.07	20.92 -0.56 -0.02	21.17 -0.50 -0.09	22.41 -0.36 -0.20	24.29 -0.26 -0.60	26.26 -0.50 -0.33	24.35 -0.39 -0.36	24.12 -0.20 0.00	21.26 -0.37 -0.10	21.06 -0.45 -0.02	20.23 0.14 0.00

LOCKPORT___CC2 323770	19.89 -0.49 -0.04	18.52 -0.02 0.00	16.08 -0.23 -0.16	15.59 -0.17 -0.17	16.45 -0.23 -0.09	19.92 -0.16 0.00	23.19 0.00 0.00	23.78 -0.22 0.00	21.40 -0.35 -0.19	21.20 -0.37 -0.03	20.07 -0.22 0.00	18.89 -0.44 -0.03	19.14 -0.49 -0.02	19.87 -0.55 -0.07	20.92 -0.56 -0.02	21.17 -0.50 -0.09	22.41 -0.36 -0.20	24.29 -0.26 -0.60	26.26 -0.50 -0.33	24.35 -0.39 -0.36	24.12 -0.20 0.00	21.26 -0.37 -0.10	21.06 -0.45 -0.02	20.23 0.14 0.00
LOCKPORT___CC3 323771	19.89 -0.49 -0.04	18.52 -0.02 0.00	16.08 -0.23 -0.16	15.59 -0.17 -0.17	16.45 -0.23 -0.09	19.92 -0.16 0.00	23.19 0.00 0.00	23.78 -0.22 0.00	21.40 -0.35 -0.19	21.20 -0.37 -0.03	20.07 -0.22 0.00	18.89 -0.44 -0.03	19.14 -0.49 -0.02	19.87 -0.55 -0.07	20.92 -0.56 -0.02	21.17 -0.50 -0.09	22.41 -0.36 -0.20	24.29 -0.26 -0.60	26.26 -0.50 -0.33	24.35 -0.39 -0.36	24.12 -0.20 0.00	21.26 -0.37 -0.10	21.06 -0.45 -0.02	20.23 0.14 0.00
LONG_LAKE_PHOENIX 24014	20.53 0.16 -0.03	18.73 0.19 0.00	16.39 0.15 -0.10	15.85 0.16 -0.11	16.82 0.17 -0.06	20.34 0.26 0.00	23.63 0.44 0.00	24.47 0.48 0.00	21.97 0.30 -0.12	21.83 0.28 -0.02	20.53 0.24 0.00	19.48 0.15 -0.02	19.76 0.14 -0.01	20.53 0.14 -0.04	21.60 0.13 -0.01	21.87 0.24 -0.06	23.00 0.32 -0.11	24.62 0.34 -0.34	26.99 0.37 -0.19	24.98 0.39 -0.20	24.73 0.41 0.00	21.91 0.32 -0.06	21.76 0.26 -0.01	20.37 0.28 0.00
LOVETT___3 23632	21.79 0.96 -0.49	19.32 0.78 0.00	18.63 0.66 -1.82	18.25 0.64 -2.02	18.35 0.68 -1.08	20.84 0.76 0.00	24.12 0.93 0.00	24.98 0.98 0.00	24.76 0.99 -2.22	22.98 1.08 -0.38	21.22 0.93 0.00	20.59 0.91 -0.37	20.77 0.94 -0.22	22.13 0.98 -0.80	22.76 1.09 -0.20	23.83 1.19 -1.07	26.40 1.24 -2.59	33.01 1.27 -7.80	32.06 1.32 -4.31	30.21 1.19 -4.64	25.51 1.19 0.00	23.86 1.08 -1.26	22.82 1.05 -0.29	20.95 0.86 0.00
LOVETT___4 23642	21.79 0.96 -0.49	19.32 0.78 0.00	18.63 0.66 -1.82	18.25 0.64 -2.02	18.35 0.68 -1.08	20.84 0.76 0.00	24.12 0.93 0.00	24.98 0.98 0.00	24.76 0.99 -2.22	22.98 1.08 -0.38	21.22 0.93 0.00	20.59 0.91 -0.37	20.77 0.94 -0.22	22.13 0.98 -0.80	22.76 1.09 -0.20	23.83 1.19 -1.07	26.40 1.24 -2.59	33.01 1.27 -7.80	32.06 1.32 -4.31	30.21 1.19 -4.64	25.51 1.19 0.00	23.86 1.08 -1.26	22.82 1.05 -0.29	20.95 0.86 0.00
LOVETT___5 23593	21.79 0.96 -0.49	19.32 0.78 0.00	18.63 0.66 -1.82	18.25 0.64 -2.02	18.35 0.68 -1.08	20.84 0.76 0.00	24.12 0.93 0.00	24.98 0.98 0.00	24.76 0.99 -2.22	22.98 1.08 -0.38	21.22 0.93 0.00	20.59 0.91 -0.37	20.77 0.94 -0.22	22.13 0.98 -0.80	22.76 1.09 -0.20	23.83 1.19 -1.07	26.40 1.24 -2.59	33.01 1.27 -7.80	32.06 1.32 -4.31	30.21 1.19 -4.64	25.51 1.19 0.00	23.86 1.08 -1.26	22.82 1.05 -0.29	20.95 0.86 0.00
LOWER RAQUET___HYD 24057	19.75 -0.59 0.00	17.97 -0.57 0.00	15.68 -0.47 0.00	15.10 -0.48 0.00	16.09 -0.50 0.00	19.48 -0.60 0.00	22.50 -0.70 0.00	23.27 -0.72 0.00	20.86 -0.69 0.00	20.76 -0.77 0.00	19.62 -0.67 0.00	18.63 -0.68 0.00	18.96 -0.65 0.00	19.68 -0.67 0.00	20.73 -0.73 0.00	20.84 -0.73 0.00	21.83 -0.74 0.00	23.16 -0.79 0.00	25.71 -0.71 0.00	23.72 -0.66 0.00	23.56 -0.75 0.00	20.89 -0.65 0.00	20.78 -0.71 0.00	19.52 -0.56 0.00
LOWER___HUDSON 24059	21.83 0.81 -0.68	19.30 0.76 0.00	19.28 0.65 -2.49	18.97 0.62 -2.76	18.73 0.66 -1.47	20.88 0.80 0.00	24.19 1.00 0.00	25.05 1.05 0.00	25.47 0.88 -3.03	22.88 0.84 -0.51	21.02 0.73 0.00	20.55 0.73 -0.51	20.66 0.74 -0.30	22.20 0.75 -1.10	22.53 0.79 -0.27	23.84 0.80 -1.46	26.96 0.86 -3.53	35.54 0.93 -10.66	33.38 1.06 -5.89	31.69 0.98 -6.34	25.29 0.97 0.00	24.08 0.84 -1.72	22.71 0.84 -0.39	20.79 0.70 0.00
LOWVILLE_115KV_TB2 356335	20.43 0.08 -0.01	18.60 0.06 0.00	16.24 0.05 -0.04	15.68 0.05 -0.05	16.68 0.07 -0.03	20.28 0.20 0.00	23.63 0.44 0.00	24.50 0.50 0.00	21.84 0.24 -0.05	21.63 0.09 -0.01	20.33 0.04 0.00	19.28 -0.04 -0.01	19.54 -0.08 -0.01	20.35 -0.02 -0.02	21.41 -0.06 0.00	21.69 0.09 -0.03	22.78 0.16 -0.05	24.27 0.17 -0.15	26.83 0.32 -0.09	24.76 0.29 -0.09	24.61 0.29 0.00	21.75 0.19 -0.02	21.64 0.15 -0.01	20.25 0.16 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	22.14 1.12 -0.68	19.54 1.00 0.00	19.55 0.89 -2.51	19.23 0.86 -2.79	19.01 0.93 -1.49	21.24 1.16 0.00	24.65 1.46 0.00	25.50 1.51 0.00	25.91 1.29 -3.07	23.28 1.23 -0.52	21.32 1.03 0.00	20.86 1.04 -0.51	20.89 0.98 -0.30	22.47 1.02 -1.11	22.79 1.05 -0.28	24.17 1.12 -1.47	27.34 1.20 -3.57	36.03 1.32 -10.77	33.89 1.51 -5.95	32.20 1.41 -6.40	25.75 1.43 0.00	24.53 1.27 -1.73	23.10 1.22 -0.39	21.13 1.04 0.00
LUTHERNY_35_KV_BK2 355980	22.14 1.12 -0.68	19.56 1.02 0.00	19.57 0.90 -2.51	19.23 0.86 -2.79	19.01 0.93 -1.49	21.26 1.18 0.00	24.68 1.48 0.00	25.53 1.54 0.00	25.93 1.31 -3.07	23.28 1.23 -0.52	21.32 1.03 0.00	20.86 1.04 -0.51	20.91 1.00 -0.30	22.49 1.04 -1.11	22.82 1.07 -0.28	24.17 1.12 -1.47	27.34 1.20 -3.57	36.06 1.34 -10.77	33.91 1.53 -5.95	32.22 1.44 -6.40	25.77 1.46 0.00	24.56 1.29 -1.73	23.13 1.25 -0.39	21.15 1.06 0.00
LWR___OSWEGATCHIE_HYD 23850	20.01 -0.33 0.00	18.21 -0.33 0.00	15.87 -0.27 0.00	15.31 -0.28 0.00	16.31 -0.28 0.00	19.84 -0.24 0.00	23.01 -0.19 0.00	23.82 -0.17 0.00	21.27 -0.28 0.00	21.12 -0.41 0.00	19.90 -0.39 0.00	18.90 -0.41 0.00	19.20 -0.41 0.00	19.94 -0.41 0.00	20.99 -0.47 0.00	21.19 -0.39 0.00	22.21 -0.36 0.00	23.59 -0.36 0.00	26.16 -0.26 0.00	24.14 -0.24 0.00	24.02 -0.29 0.00	21.27 -0.26 0.00	21.16 -0.32 0.00	19.80 -0.28 0.00
LYONS_FALL_HYD 23570	20.55 0.20 -0.01	18.71 0.17 0.00	16.33 0.15 -0.04	15.77 0.14 -0.05	16.78 0.17 -0.02	20.34 0.26 0.00	23.73 0.53 0.00	24.57 0.57 0.00	21.93 0.32 -0.05	21.73 0.19 -0.01	20.45 0.16 0.00	19.39 0.08 -0.01	19.65 0.04 0.00	20.47 0.10 -0.02	21.53 0.06 0.00	21.82 0.22 -0.02	22.82 0.25 0.00	24.21 0.26 0.00	26.82 0.40 0.00	24.75 0.37 0.00	24.68 0.37 0.00	21.79 0.26 0.00	21.70 0.21 0.00	20.33 0.24 0.00
MADISON___COUNTY_LFGE 323628	20.80 0.45 -0.02	18.95 0.41 0.00	16.55 0.34 -0.07	15.99 0.33 -0.07	17.00 0.36 -0.04	20.60 0.52 0.00	23.98 0.79 0.00	24.83 0.84 0.00	22.17 0.54 -0.08	22.02 0.47 -0.01	20.72 0.43 0.00	19.63 0.31 -0.01	19.89 0.27 -0.01	20.72 0.35 -0.03	21.82 0.34 -0.01	22.11 0.50 -0.04	23.17 0.52 -0.08	24.69 0.50 -0.24	27.17 0.61 -0.13	25.09 0.56 -0.14	24.90 0.58 0.00	22.02 0.45 -0.04	21.90 0.41 -0.01	20.55 0.46 0.00
MALONE___115KV_TB1 356076	20.44 0.10 0.00	18.63 0.09 0.00	16.26 0.11 0.00	15.66 0.08 0.00	16.71 0.12 0.00	20.28 0.20 0.00	23.38 0.19 0.00	24.04 0.05 0.00	21.68 0.13 0.00	21.57 0.04 0.00	20.37 0.08 0.00	19.42 0.12 0.00	19.81 0.20 0.00	20.49 0.14 0.00	21.64 0.17 0.00	21.66 0.09 0.00	22.75 0.18 0.00	24.16 0.22 0.00	27.01 0.58 0.00	24.87 0.49 0.00	24.70 0.39 0.00	21.90 0.37 0.00	21.70 0.21 0.00	20.39 0.30 0.00

MAPLEWOD_115KV_TB3 80458	21.66 0.65 -0.67	19.17 0.63 0.00	19.18 0.55 -2.48	18.87 0.53 -2.75	18.62 0.56 -1.47	20.76 0.68 0.00	24.03 0.83 0.00	24.90 0.91 0.00	25.33 0.75 -3.02	22.75 0.71 -0.51	20.92 0.63 0.00	20.45 0.64 -0.51	20.56 0.65 -0.30	22.09 0.65 -1.10	22.43 0.69 -0.27	23.72 0.69 -1.45	26.82 0.72 -3.52	35.36 0.79 -10.62	33.17 0.87 -5.87	31.52 0.83 -6.31	25.12 0.80 0.00	23.93 0.69 -1.71	22.58 0.71 -0.39	20.65 0.56 0.00
MAPLE RIDGE_WT_1 323574	20.34 0.00 0.00	18.54 0.00 0.00	16.15 0.00 0.00	15.59 0.00 0.00	16.59 0.00 0.00	20.08 0.00 0.00	23.24 0.05 0.00	24.04 0.05 0.00	21.59 0.04 0.00	21.55 0.02 0.00	20.31 0.02 0.00	19.33 0.02 0.00	19.63 0.02 0.00	20.37 0.02 0.00	21.49 0.02 0.00	21.62 0.04 0.00	22.57 0.00 0.00	23.92 -0.02 0.00	26.35 -0.08 0.00	24.24 -0.15 0.00	24.12 -0.20 0.00	21.32 -0.22 0.00	21.27 -0.21 0.00	19.88 -0.20 0.00
MAPLE RIDGE_WT_2 323611	20.34 0.00 0.00	18.54 0.00 0.00	16.15 0.00 0.00	15.59 0.00 0.00	16.59 0.00 0.00	20.08 0.00 0.00	23.24 0.05 0.00	24.04 0.05 0.00	21.59 0.04 0.00	21.55 0.02 0.00	20.31 0.02 0.00	19.33 0.02 0.00	19.63 0.02 0.00	20.37 0.02 0.00	21.49 0.02 0.00	21.62 0.04 0.00	22.57 0.00 0.00	23.92 -0.02 0.00	26.35 -0.08 0.00	24.24 -0.15 0.00	24.12 -0.20 0.00	21.32 -0.22 0.00	21.27 -0.21 0.00	19.88 -0.20 0.00
MARBLE RIVER_WT_PWR 323696	20.48 0.14 0.00	18.67 0.13 0.00	16.31 0.16 0.00	15.71 0.12 0.00	16.76 0.17 0.00	20.38 0.30 0.00	23.42 0.23 0.00	23.99 0.00 0.00	21.68 0.13 0.00	21.64 0.11 0.00	20.35 0.06 0.00	19.46 0.15 0.00	19.83 0.22 0.00	20.53 0.18 0.00	21.68 0.21 0.00	21.73 0.15 0.00	22.75 0.18 0.00	24.19 0.24 0.00	27.09 0.66 0.00	24.94 0.56 0.00	24.80 0.49 0.00	21.98 0.45 0.00	21.83 0.34 0.00	20.45 0.36 0.00
MARSHVLE_115KV_TB1 80742	22.20 1.18 -0.69	19.60 1.06 0.00	19.63 0.95 -2.53	19.30 0.90 -2.81	19.10 1.01 -1.50	21.46 1.39 0.00	24.84 1.65 0.00	25.70 1.70 0.00	26.08 1.44 -3.09	23.22 1.16 -0.52	21.26 0.97 0.00	20.69 0.87 -0.52	20.78 0.86 -0.31	22.40 0.94 -1.12	22.82 1.07 -0.28	24.38 1.32 -1.49	27.61 1.44 -3.60	36.47 1.68 -10.85	34.43 2.01 -6.00	32.68 1.85 -6.45	26.19 1.87 0.00	24.98 1.70 -1.75	23.45 1.57 -0.40	21.33 1.25 0.00
MARSH HILL_WT_PWR 323713	20.66 0.26 -0.06	19.08 0.54 0.00	16.60 0.24 -0.21	16.11 0.30 -0.23	17.00 0.28 -0.12	20.62 0.54 0.00	24.10 0.90 0.00	24.83 0.84 0.00	22.30 0.50 -0.25	22.13 0.56 -0.04	20.84 0.55 0.00	19.68 0.33 -0.04	19.97 0.33 -0.03	20.64 0.20 -0.09	21.83 0.34 -0.02	22.07 0.37 -0.12	23.34 0.50 -0.27	25.37 0.60 -0.82	27.41 0.53 -0.45	25.41 0.54 -0.49	25.14 0.83 0.00	22.16 0.50 -0.13	21.97 0.45 -0.03	20.77 0.68 0.00
MCINTYRE_115KV_TB2 80467	20.15 -0.18 0.00	18.32 -0.22 0.00	15.99 -0.16 0.00	15.40 -0.19 0.00	16.41 -0.18 0.00	19.92 -0.16 0.00	22.98 -0.21 0.00	23.78 -0.22 0.00	21.27 -0.28 0.00	21.10 -0.43 0.00	19.97 -0.32 0.00	18.96 -0.35 0.00	19.28 -0.33 0.00	20.04 -0.31 0.00	21.12 -0.34 0.00	21.23 -0.35 0.00	22.26 -0.32 0.00	23.61 -0.34 0.00	26.24 -0.18 0.00	24.19 -0.20 0.00	24.05 -0.27 0.00	21.25 -0.28 0.00	21.16 -0.32 0.00	19.88 -0.20 0.00
MECO____69_KV_BK1 80468	22.63 1.61 -0.69	19.99 1.45 0.00	19.99 1.31 -2.53	19.63 1.23 -2.81	19.45 1.36 -1.50	21.99 1.91 0.00	25.63 2.44 0.00	26.49 2.50 0.00	26.45 1.81 -3.09	23.56 1.51 -0.52	21.71 1.42 0.00	20.96 1.14 -0.52	21.03 1.12 -0.31	22.67 1.20 -1.12	23.10 1.35 -0.28	24.75 1.68 -1.49	28.07 1.90 -3.60	36.97 2.18 -10.85	34.99 2.56 -6.00	33.20 2.36 -6.45	26.72 2.41 0.00	25.36 2.09 -1.75	23.82 1.93 -0.40	21.83 1.75 0.00
MENANDS_115KV_TB5 355628	21.56 0.55 -0.67	19.08 0.54 0.00	19.09 0.47 -2.48	18.80 0.47 -2.75	18.56 0.50 -1.47	20.64 0.56 0.00	23.91 0.72 0.00	24.76 0.77 0.00	25.20 0.62 -3.02	22.65 0.60 -0.51	20.84 0.55 0.00	20.35 0.54 -0.51	20.46 0.55 -0.30	22.01 0.57 -1.09	22.32 0.58 -0.27	23.59 0.56 -1.45	26.68 0.59 -3.52	35.20 0.65 -10.61	33.01 0.71 -5.87	31.35 0.66 -6.31	24.97 0.66 0.00	23.80 0.56 -1.71	22.45 0.58 -0.39	20.53 0.44 0.00
MG INDUSTRY__DRP 24185	21.67 0.67 -0.66	19.19 0.65 0.00	19.17 0.58 -2.44	18.85 0.56 -2.70	18.65 0.61 -1.44	20.80 0.72 0.00	24.05 0.86 0.00	24.90 0.91 0.00	25.28 0.75 -2.97	22.72 0.69 -0.50	20.92 0.63 0.00	20.44 0.64 -0.50	20.53 0.63 -0.30	22.07 0.65 -1.08	22.42 0.69 -0.27	23.70 0.69 -1.43	26.76 0.72 -3.46	35.17 0.79 -10.44	33.12 0.92 -5.77	31.44 0.85 -6.20	25.14 0.83 0.00	23.92 0.71 -1.68	22.60 0.73 -0.38	20.67 0.58 0.00
MID__OSWEGATCHIE_HYD 23849	20.01 -0.33 0.00	18.21 -0.33 0.00	15.87 -0.27 0.00	15.31 -0.28 0.00	16.31 -0.28 0.00	19.84 -0.24 0.00	23.01 -0.19 0.00	23.82 -0.17 0.00	21.27 -0.28 0.00	21.12 -0.41 0.00	19.90 -0.39 0.00	18.90 -0.41 0.00	19.20 -0.41 0.00	19.94 -0.41 0.00	20.99 -0.47 0.00	21.19 -0.39 0.00	22.21 -0.36 0.00	23.59 -0.36 0.00	26.16 -0.26 0.00	24.14 -0.24 0.00	24.02 -0.29 0.00	21.27 -0.26 0.00	21.16 -0.32 0.00	19.80 -0.28 0.00
MID__RAQUETTE_HYD 23851	19.75 -0.59 0.00	17.97 -0.57 0.00	15.68 -0.47 0.00	15.10 -0.48 0.00	16.09 -0.50 0.00	19.54 -0.54 0.00	22.50 -0.70 0.00	23.27 -0.72 0.00	20.86 -0.69 0.00	20.71 -0.82 0.00	19.62 -0.67 0.00	18.63 -0.68 0.00	18.96 -0.65 0.00	19.68 -0.67 0.00	20.73 -0.73 0.00	20.82 -0.76 0.00	21.83 -0.74 0.00	23.16 -0.79 0.00	25.71 -0.71 0.00	23.72 -0.66 0.00	23.56 -0.75 0.00	20.88 -0.65 0.00	20.78 -0.71 0.00	19.52 -0.56 0.00
MILLIKEN__1 23584	20.74 0.35 -0.06	18.91 0.37 0.00	16.63 0.27 -0.21	16.09 0.28 -0.23	17.01 0.30 -0.12	20.50 0.42 0.00	23.89 0.70 0.00	24.71 0.72 0.00	22.32 0.52 -0.25	22.07 0.50 -0.04	20.68 0.39 0.00	19.66 0.31 -0.04	19.93 0.29 -0.02	20.72 0.28 -0.09	21.83 0.34 -0.02	22.17 0.47 -0.12	23.38 0.54 -0.27	25.35 0.60 -0.81	27.53 0.66 -0.45	25.50 0.63 -0.48	25.02 0.71 0.00	22.20 0.54 -0.13	21.99 0.47 -0.03	20.55 0.46 0.00
MILLIKEN__2 23585	20.74 0.35 -0.06	18.91 0.37 0.00	16.63 0.27 -0.21	16.09 0.28 -0.23	17.01 0.30 -0.12	20.50 0.42 0.00	23.89 0.70 0.00	24.71 0.72 0.00	22.32 0.52 -0.25	22.07 0.50 -0.04	20.68 0.39 0.00	19.66 0.31 -0.04	19.93 0.29 -0.02	20.72 0.28 -0.09	21.83 0.34 -0.02	22.17 0.47 -0.12	23.38 0.54 -0.27	25.35 0.60 -0.81	27.53 0.66 -0.45	25.50 0.63 -0.48	25.02 0.71 0.00	22.20 0.54 -0.13	21.99 0.47 -0.03	20.55 0.46 0.00
MILLIKEN__DIESEL 23629	20.74 0.35 -0.06	18.91 0.37 0.00	16.63 0.27 -0.21	16.09 0.28 -0.23	17.01 0.30 -0.12	20.50 0.42 0.00	23.89 0.70 0.00	24.71 0.72 0.00	22.32 0.52 -0.25	22.07 0.50 -0.04	20.68 0.39 0.00	19.66 0.31 -0.04	19.93 0.29 -0.02	20.72 0.28 -0.09	21.83 0.34 -0.02	22.17 0.47 -0.12	23.38 0.54 -0.27	25.35 0.60 -0.81	27.53 0.66 -0.45	25.50 0.63 -0.48	25.02 0.71 0.00	22.20 0.54 -0.13	21.99 0.47 -0.03	20.55 0.46 0.00

MILLSEAT___LFGE 323607	20.21 -0.16 -0.04	18.78 0.24 0.00	16.32 0.02 -0.15	15.80 0.05 -0.17	16.70 0.02 -0.09	20.20 0.12 0.00	23.59 0.39 0.00	24.26 0.26 0.00	21.82 0.09 -0.18	21.60 0.04 -0.03	20.41 0.12 0.00	19.20 -0.13 -0.03	19.45 -0.18 -0.02	20.19 -0.22 -0.07	21.27 -0.21 -0.02	21.58 -0.09 -0.09	22.83 0.07 -0.19	24.72 0.19 -0.58	26.83 0.08 -0.32	24.85 0.12 -0.35	24.58 0.27 0.00	21.71 0.09 -0.09	21.44 -0.06 -0.02	20.51 0.42 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	21.87 1.02 -0.52	19.39 0.85 0.00	18.79 0.73 -1.91	18.41 0.70 -2.12	18.45 0.73 -1.13	20.90 0.82 0.00	24.19 1.00 0.00	25.05 1.06 0.00	24.96 1.08 -2.33	23.09 1.16 -0.40	21.30 1.01 0.00	20.68 0.98 -0.39	20.88 1.04 -0.23	22.27 1.08 -0.84	22.88 1.20 -0.21	23.99 1.29 -1.12	26.62 1.33 -2.71	33.49 1.36 -8.18	32.38 1.43 -4.52	30.54 1.29 -4.86	25.60 1.29 0.00	24.01 1.16 -1.32	22.92 1.14 -0.30	21.03 0.94 0.00
MILLWOOD_13_KV_LOAD 356217	21.93 1.08 -0.52	19.43 0.89 0.00	18.82 0.76 -1.91	18.44 0.73 -2.12	18.49 0.76 -1.13	20.96 0.88 0.00	24.24 1.04 0.00	25.10 1.10 0.00	25.02 1.14 -2.33	23.13 1.21 -0.40	21.35 1.06 0.00	20.72 1.02 -0.39	20.94 1.10 -0.23	22.33 1.14 -0.84	22.92 1.24 -0.21	24.06 1.36 -1.12	26.69 1.40 -2.71	33.54 1.41 -8.18	32.43 1.48 -4.52	30.61 1.37 -4.86	25.68 1.36 0.00	24.05 1.21 -1.32	22.97 1.18 -0.30	21.07 0.98 0.00
MODEL_CITY_ENERGY 24167	19.69 -0.69 -0.04	18.37 -0.17 0.00	15.92 -0.39 -0.16	15.43 -0.33 -0.17	16.29 -0.40 -0.09	19.70 -0.38 0.00	22.96 -0.23 0.00	23.51 -0.48 0.00	21.16 -0.58 -0.19	20.96 -0.60 -0.03	19.84 -0.45 0.00	18.68 -0.66 -0.03	18.92 -0.71 -0.02	19.64 -0.77 -0.07	20.69 -0.79 -0.02	20.96 -0.71 -0.09	22.17 -0.61 -0.20	24.01 -0.55 -0.61	25.97 -0.79 -0.34	24.09 -0.66 -0.36	23.83 -0.49 0.00	21.03 -0.60 -0.10	20.80 -0.71 -0.02	20.03 -0.06 0.00
MODERN_LFGE___ 323580	19.69 -0.69 -0.04	18.37 -0.17 0.00	15.92 -0.39 -0.16	15.43 -0.33 -0.17	16.29 -0.40 -0.09	19.70 -0.38 0.00	22.96 -0.23 0.00	23.51 -0.48 0.00	21.16 -0.58 -0.19	20.96 -0.60 -0.03	19.84 -0.45 0.00	18.68 -0.66 -0.03	18.92 -0.71 -0.02	19.64 -0.77 -0.07	20.69 -0.79 -0.02	20.96 -0.71 -0.09	22.17 -0.61 -0.20	24.01 -0.55 -0.61	25.97 -0.79 -0.34	24.09 -0.66 -0.36	23.83 -0.49 0.00	21.03 -0.60 -0.10	20.80 -0.71 -0.02	20.03 -0.06 0.00
MOHAWK_PAPER___DRP 24187	21.66 0.65 -0.67	19.17 0.63 0.00	19.18 0.55 -2.48	18.87 0.53 -2.75	18.62 0.56 -1.47	20.76 0.68 0.00	24.03 0.83 0.00	24.90 0.91 0.00	25.33 0.75 -3.02	22.75 0.71 -0.51	20.92 0.63 0.00	20.45 0.64 -0.51	20.56 0.65 -0.30	22.09 0.65 -1.10	22.43 0.69 -0.27	23.72 0.69 -1.45	26.82 0.72 -3.52	35.36 0.79 -10.62	33.17 0.87 -5.87	31.52 0.83 -6.31	25.12 0.80 0.00	23.93 0.69 -1.71	22.58 0.71 -0.39	20.65 0.56 0.00
MOHICAN___35_KV_115KV_LD 80490	22.36 1.34 -0.68	19.75 1.21 0.00	19.73 1.07 -2.51	19.41 1.03 -2.79	19.21 1.13 -1.49	21.54 1.47 0.00	25.07 1.88 0.00	25.94 1.94 0.00	26.26 1.64 -3.07	23.56 1.51 -0.52	21.57 1.28 0.00	21.09 1.27 -0.51	21.03 1.12 -0.30	22.62 1.16 -1.11	22.92 1.18 -0.28	24.28 1.23 -1.48	27.45 1.31 -3.57	36.23 1.51 -10.77	34.13 1.74 -5.96	32.44 1.66 -6.41	25.99 1.68 0.00	24.81 1.55 -1.73	23.34 1.46 -0.39	21.39 1.31 0.00
MONGAUP___HYD 23641	21.64 0.85 -0.45	19.24 0.70 0.00	18.38 0.58 -1.65	17.98 0.56 -1.83	18.16 0.60 -0.98	20.74 0.66 0.00	24.07 0.88 0.00	24.98 0.98 0.00	24.43 0.86 -2.01	22.73 0.86 -0.34	21.04 0.75 0.00	20.36 0.71 -0.34	20.54 0.73 -0.20	21.85 0.77 -0.73	22.51 0.86 -0.18	23.52 0.97 -0.97	25.95 1.04 -2.34	32.11 1.10 -7.06	31.60 1.27 -3.90	29.72 1.15 -4.20	25.44 1.12 0.00	23.66 0.99 -1.14	22.71 0.97 -0.26	20.91 0.82 0.00
MONTAUK___DIESEL 23721	26.88 2.83 -3.72	20.95 2.41 0.00	19.99 1.91 -1.93	19.57 1.84 -2.14	19.64 1.91 -1.14	22.61 2.53 0.00	26.23 3.04 0.00	28.65 3.29 -1.37	27.49 3.19 -2.75	26.38 3.27 -1.57	29.30 2.74 -6.27	29.03 2.80 -6.93	29.33 2.86 -6.86	29.38 2.95 -6.09	29.96 3.18 -5.32	32.29 3.56 -7.15	45.09 3.63 -18.88	45.43 3.86 -17.63	43.20 4.18 -12.59	44.18 3.85 -15.95	42.92 3.77 -14.83	31.62 3.25 -6.83	28.23 3.31 -3.43	26.10 2.87 -3.15
MOONROAD_115KV_HARTFLD_TB1-2 355988	20.47 0.08 -0.05	19.12 0.57 0.00	16.49 0.16 -0.18	16.02 0.23 -0.20	16.89 0.20 -0.11	20.58 0.50 0.00	24.14 0.95 0.00	24.83 0.84 0.00	22.22 0.45 -0.22	22.34 0.78 -0.04	21.02 0.73 0.00	19.77 0.42 -0.04	20.00 0.37 -0.02	20.63 0.20 -0.08	21.87 0.39 -0.02	22.09 0.41 -0.10	23.35 0.54 -0.24	25.33 0.67 -0.71	27.35 0.53 -0.39	25.34 0.54 -0.42	25.19 0.88 0.00	22.08 0.43 -0.11	21.96 0.45 -0.03	20.93 0.84 0.00
MORTIMER_115KV_TB3 55949	20.31 -0.06 -0.04	18.61 0.07 0.00	16.33 0.05 -0.13	15.80 0.06 -0.15	16.74 0.07 -0.08	20.08 0.00 0.00	23.45 0.26 0.00	24.18 0.19 0.00	21.93 0.22 -0.16	21.77 0.22 -0.03	20.39 0.10 0.00	19.31 -0.02 -0.03	19.57 -0.06 -0.02	20.38 -0.02 -0.06	21.41 -0.06 -0.01	21.83 0.17 -0.08	22.96 0.23 -0.16	24.75 0.31 -0.49	26.96 0.26 -0.27	24.94 0.27 -0.29	24.61 0.29 0.00	21.80 0.19 -0.08	21.55 0.04 -0.02	20.35 0.26 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	21.98 1.12 -0.52	19.45 0.91 0.00	18.87 0.79 -1.93	18.48 0.75 -2.14	18.53 0.80 -1.14	20.94 0.86 0.00	24.24 1.04 0.00	25.14 1.15 0.00	25.09 1.19 -2.36	23.22 1.29 -0.40	21.41 1.12 0.00	20.82 1.12 -0.39	21.00 1.16 -0.23	22.40 1.20 -0.85	23.03 1.35 -0.21	24.16 1.45 -1.13	26.83 1.51 -2.74	33.75 1.53 -8.27	32.58 1.59 -4.57	30.73 1.44 -4.92	25.70 1.39 0.00	24.15 1.29 -1.33	23.06 1.27 -0.30	21.15 1.06 0.00
MUNSVILLE_WIND_PWR 323609	21.79 1.36 -0.09	19.78 1.24 0.00	17.48 1.02 -0.32	16.91 0.97 -0.35	17.82 1.05 -0.19	21.54 1.46 0.00	25.42 2.23 0.00	26.35 2.35 0.00	23.58 1.64 -0.39	22.98 1.38 -0.07	21.47 1.18 0.00	20.28 0.91 -0.06	20.49 0.84 -0.04	21.54 1.06 -0.14	22.53 1.03 -0.04	23.25 1.49 -0.19	24.68 1.67 -0.43	27.02 1.77 -1.30	29.29 2.14 -0.72	27.15 2.00 -0.77	26.38 2.07 0.00	23.36 1.62 -0.21	23.06 1.53 -0.05	21.57 1.49 0.00
N SALMON___HYD 24042	20.44 0.10 0.00	18.63 0.09 0.00	16.26 0.11 0.00	15.66 0.08 0.00	16.71 0.12 0.00	20.30 0.22 0.00	23.38 0.18 0.00	24.06 0.07 0.00	21.68 0.13 0.00	21.60 0.06 0.00	20.37 0.08 0.00	19.42 0.12 0.00	19.81 0.20 0.00	20.49 0.14 0.00	21.64 0.17 0.00	21.69 0.11 0.00	22.75 0.18 0.00	24.16 0.22 0.00	27.01 0.58 0.00	24.87 0.49 0.00	24.70 0.39 0.00	21.87 0.34 0.00	21.70 0.21 0.00	20.39 0.30 0.00
N.AKRON___115KV_KNAPP 355671	20.22 -0.16 -0.04	18.76 0.22 0.00	16.32 0.02 -0.15	15.80 0.05 -0.17	16.70 0.02 -0.09	20.22 0.14 0.00	23.56 0.37 0.00	24.21 0.22 0.00	21.80 0.06 -0.18	21.76 0.19 -0.03	20.41 0.12 0.00	19.20 -0.14 -0.03	19.45 -0.18 -0.02	20.19 -0.22 -0.07	21.27 -0.21 -0.02	21.67 0.00 -0.09	22.81 0.05 -0.19	24.70 0.17 -0.58	26.80 0.05 -0.32	24.83 0.10 -0.35	24.56 0.24 0.00	21.65 0.02 -0.09	21.42 -0.09 -0.02	20.51 0.42 0.00

N.BELMOR_69_KV_BK1 55787	25.66 1.61 -3.72	19.84 1.30 0.00	19.10 1.02 -1.93	18.73 1.00 -2.14	18.75 1.01 -1.14	21.40 1.33 0.00	24.82 1.62 0.00	27.12 1.75 -1.37	26.05 1.75 -2.75	24.93 1.83 -1.57	28.10 1.54 -6.27	27.78 1.54 -6.93	28.06 1.59 -6.86	28.06 1.63 -6.09	28.56 1.78 -5.32	29.83 1.90 -6.35	36.53 1.99 -11.97	42.74 2.06 -16.73	40.03 2.19 -11.41	35.36 2.02 -8.96	35.19 1.97 -8.90	29.89 1.77 -6.59	26.72 1.80 -3.43	24.76 1.53 -3.15
N.E_GEN_SANDY PD 24062	21.76 0.81 -0.61	19.26 0.72 0.00	19.00 0.60 -2.25	18.68 0.59 -2.50	18.54 0.61 -1.33	20.76 0.68 0.00	24.03 0.83 0.00	24.88 0.89 0.00	25.10 0.80 -2.75	22.81 0.82 -0.47	21.00 0.71 0.00	20.48 0.71 -0.46	20.63 0.74 -0.27	22.12 0.77 -1.00	22.53 0.82 -0.25	23.72 0.82 -1.32	26.63 0.86 -3.20	34.51 0.91 -9.66	32.74 0.98 -5.34	31.02 0.90 -5.74	25.19 0.87 0.00	23.88 0.80 -1.55	22.63 0.80 -0.35	20.73 0.64 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	21.81 0.98 -0.49	19.34 0.80 0.00	18.66 0.69 -1.82	18.26 0.65 -2.02	18.36 0.70 -1.08	20.86 0.78 0.00	24.17 0.97 0.00	25.02 1.03 0.00	24.78 1.01 -2.21	22.98 1.08 -0.38	21.26 0.97 0.00	20.60 0.93 -0.37	20.79 0.96 -0.22	22.15 1.00 -0.80	22.78 1.12 -0.20	23.85 1.21 -1.07	26.41 1.26 -2.58	33.01 1.29 -7.77	32.10 1.37 -4.30	30.22 1.22 -4.62	25.53 1.22 0.00	23.88 1.10 -1.25	22.84 1.07 -0.28	20.99 0.90 0.00
N.QUEENS_27_KV_LOAD 356247	22.00 1.14 -0.52	19.37 0.83 0.00	18.84 0.76 -1.93	18.42 0.69 -2.14	18.46 0.73 -1.14	20.80 0.72 0.00	24.00 0.81 0.00	24.95 0.96 0.00	24.98 1.08 -2.36	23.14 1.21 -0.40	21.32 1.03 0.00	20.76 1.06 -0.39	20.94 1.10 -0.23	22.34 1.14 -0.85	22.94 1.27 -0.21	24.09 1.38 -1.13	26.80 1.49 -2.74	33.65 1.44 -8.27	32.45 1.45 -4.57	30.59 1.29 -4.92	25.56 1.24 0.00	24.07 1.21 -1.33	23.03 1.25 -0.30	21.15 1.06 0.00
N.TROY___115KV_TB1 355778	21.83 0.81 -0.68	19.30 0.76 0.00	19.28 0.65 -2.49	18.97 0.62 -2.76	18.73 0.66 -1.47	20.88 0.80 0.00	24.19 1.00 0.00	25.05 1.06 0.00	25.47 0.88 -3.03	22.91 0.86 -0.51	21.04 0.75 0.00	20.57 0.75 -0.51	20.66 0.75 -0.30	22.20 0.75 -1.10	22.53 0.79 -0.27	23.84 0.80 -1.46	26.96 0.86 -3.53	35.54 0.93 -10.66	33.38 1.06 -5.89	31.69 0.98 -6.34	25.29 0.97 0.00	24.09 0.84 -1.72	22.71 0.84 -0.39	20.79 0.70 0.00
NARROWS_GT1_1 24228	22.04 1.18 -0.52	19.43 0.89 0.00	18.90 0.82 -1.93	18.48 0.75 -2.14	18.53 0.80 -1.14	20.82 0.74 0.00	24.10 0.90 0.00	25.10 1.10 0.00	25.11 1.21 -2.36	23.27 1.34 -0.40	21.47 1.18 0.00	20.88 1.18 -0.39	21.06 1.22 -0.23	22.48 1.28 -0.85	23.09 1.42 -0.21	24.20 1.49 -1.13	26.94 1.63 -2.74	33.89 1.68 -8.27	32.69 1.69 -4.57	30.81 1.51 -4.92	25.70 1.39 0.00	24.20 1.34 -1.33	23.14 1.35 -0.30	21.23 1.14 0.00
NARROWS_GT1_2 24229	22.04 1.18 -0.52	19.43 0.89 0.00	18.90 0.82 -1.93	18.48 0.75 -2.14	18.53 0.80 -1.14	20.82 0.74 0.00	24.10 0.90 0.00	25.10 1.10 0.00	25.11 1.21 -2.36	23.27 1.34 -0.40	21.47 1.18 0.00	20.88 1.18 -0.39	21.06 1.22 -0.23	22.48 1.28 -0.85	23.09 1.42 -0.21	24.20 1.49 -1.13	26.94 1.63 -2.74	33.89 1.68 -8.27	32.69 1.69 -4.57	30.81 1.51 -4.92	25.70 1.39 0.00	24.20 1.34 -1.33	23.14 1.35 -0.30	21.23 1.14 0.00
NARROWS_GT1_3 24230	22.04 1.18 -0.52	19.43 0.89 0.00	18.90 0.82 -1.93	18.48 0.75 -2.14	18.53 0.80 -1.14	20.82 0.74 0.00	24.10 0.90 0.00	25.10 1.10 0.00	25.11 1.21 -2.36	23.27 1.34 -0.40	21.47 1.18 0.00	20.88 1.18 -0.39	21.06 1.22 -0.23	22.48 1.28 -0.85	23.09 1.42 -0.21	24.20 1.49 -1.13	26.94 1.63 -2.74	33.89 1.68 -8.27	32.69 1.69 -4.57	30.81 1.51 -4.92	25.70 1.39 0.00	24.20 1.34 -1.33	23.14 1.35 -0.30	21.23 1.14 0.00
NARROWS_GT1_4 24231	22.04 1.18 -0.52	19.43 0.89 0.00	18.90 0.82 -1.93	18.48 0.75 -2.14	18.53 0.80 -1.14	20.82 0.74 0.00	24.10 0.90 0.00	25.10 1.10 0.00	25.11 1.21 -2.36	23.27 1.34 -0.40	21.47 1.18 0.00	20.88 1.18 -0.39	21.06 1.22 -0.23	22.48 1.28 -0.85	23.09 1.42 -0.21	24.20 1.49 -1.13	26.94 1.63 -2.74	33.89 1.68 -8.27	32.69 1.69 -4.57	30.81 1.51 -4.92	25.70 1.39 0.00	24.20 1.34 -1.33	23.14 1.35 -0.30	21.23 1.14 0.00
NARROWS_GT1_5 24232	22.04 1.18 -0.52	19.43 0.89 0.00	18.90 0.82 -1.93	18.48 0.75 -2.14	18.53 0.80 -1.14	20.82 0.74 0.00	24.10 0.90 0.00	25.10 1.10 0.00	25.11 1.21 -2.36	23.27 1.34 -0.40	21.47 1.18 0.00	20.88 1.18 -0.39	21.06 1.22 -0.23	22.48 1.28 -0.85	23.09 1.42 -0.21	24.20 1.49 -1.13	26.94 1.63 -2.74	33.89 1.68 -8.27	32.69 1.69 -4.57	30.81 1.51 -4.92	25.70 1.39 0.00	24.20 1.34 -1.33	23.14 1.35 -0.30	21.23 1.14 0.00
NARROWS_GT1_6 24233	22.04 1.18 -0.52	19.43 0.89 0.00	18.90 0.82 -1.93	18.48 0.75 -2.14	18.53 0.80 -1.14	20.82 0.74 0.00	24.10 0.90 0.00	25.10 1.10 0.00	25.11 1.21 -2.36	23.27 1.34 -0.40	21.47 1.18 0.00	20.88 1.18 -0.39	21.06 1.22 -0.23	22.48 1.28 -0.85	23.09 1.42 -0.21	24.20 1.49 -1.13	26.94 1.63 -2.74	33.89 1.68 -8.27	32.69 1.69 -4.57	30.81 1.51 -4.92	25.70 1.39 0.00	24.20 1.34 -1.33	23.14 1.35 -0.30	21.23 1.14 0.00
NARROWS_GT1_7 24234	22.04 1.18 -0.52	19.43 0.89 0.00	18.90 0.82 -1.93	18.48 0.75 -2.14	18.53 0.80 -1.14	20.82 0.74 0.00	24.10 0.90 0.00	25.10 1.10 0.00	25.11 1.21 -2.36	23.27 1.34 -0.40	21.47 1.18 0.00	20.88 1.18 -0.39	21.06 1.22 -0.23	22.48 1.28 -0.85	23.09 1.42 -0.21	24.20 1.49 -1.13	26.94 1.63 -2.74	33.89 1.68 -8.27	32.69 1.69 -4.57	30.81 1.51 -4.92	25.70 1.39 0.00	24.20 1.34 -1.33	23.14 1.35 -0.30	21.23 1.14 0.00
NARROWS_GT1_8 24235	22.04 1.18 -0.52	19.43 0.89 0.00	18.90 0.82 -1.93	18.48 0.75 -2.14	18.53 0.80 -1.14	20.82 0.74 0.00	24.10 0.90 0.00	25.10 1.10 0.00	25.11 1.21 -2.36	23.27 1.34 -0.40	21.47 1.18 0.00	20.88 1.18 -0.39	21.06 1.22 -0.23	22.48 1.28 -0.85	23.09 1.42 -0.21	24.20 1.49 -1.13	26.94 1.63 -2.74	33.89 1.68 -8.27	32.69 1.69 -4.57	30.81 1.51 -4.92	25.70 1.39 0.00	24.20 1.34 -1.33	23.14 1.35 -0.30	21.23 1.14 0.00
NARROWS_GT2_1 24236	22.08 1.22 -0.52	19.43 0.89 0.00	18.90 0.82 -1.93	18.48 0.75 -2.14	18.53 0.80 -1.14	20.82 0.74 0.00	24.10 0.90 0.00	25.10 1.10 0.00	25.11 1.21 -2.36	23.27 1.34 -0.40	21.47 1.18 0.00	20.88 1.18 -0.39	21.06 1.22 -0.23	22.48 1.28 -0.85	23.09 1.42 -0.21	24.20 1.49 -1.13	26.94 1.63 -2.74	33.89 1.68 -8.27	32.69 1.69 -4.57	30.81 1.51 -4.92	25.70 1.39 0.00	24.20 1.34 -1.33	23.14 1.35 -0.30	21.23 1.14 0.00
NARROWS_GT2_2 24237	22.08 1.22 -0.52	19.43 0.89 0.00	18.90 0.82 -1.93	18.48 0.75 -2.14	18.53 0.80 -1.14	20.82 0.74 0.00	24.10 0.90 0.00	25.10 1.10 0.00	25.11 1.21 -2.36	23.27 1.34 -0.40	21.47 1.18 0.00	20.88 1.18 -0.39	21.06 1.22 -0.23	22.48 1.28 -0.85	23.09 1.42 -0.21	24.20 1.49 -1.13	26.94 1.63 -2.74	33.89 1.68 -8.27	32.69 1.69 -4.57	30.81 1.51 -4.92	25.70 1.39 0.00	24.20 1.34 -1.33	23.14 1.35 -0.30	21.23 1.14 0.00

NARROWS_GT2_3 24238	22.08 1.22 -0.52	19.43 0.89 0.00	18.90 0.82 -1.93	18.48 0.75 -2.14	18.53 0.80 -1.14	20.82 0.74 0.00	24.10 0.90 0.00	25.10 1.10 0.00	25.11 1.21 -2.36	23.27 1.34 -0.40	21.47 1.18 0.00	20.88 1.18 -0.39	21.06 1.22 -0.23	22.48 1.28 -0.85	23.09 1.42 -0.21	24.20 1.49 -1.13	26.94 1.63 -2.74	33.89 1.68 -8.27	32.69 1.69 -4.57	30.81 1.51 -4.92	25.70 1.39 0.00	24.20 1.34 -1.33	23.14 1.35 -0.30	21.23 1.14 0.00
NARROWS_GT2_4 24239	22.08 1.22 -0.52	19.43 0.89 0.00	18.90 0.82 -1.93	18.48 0.75 -2.14	18.53 0.80 -1.14	20.82 0.74 0.00	24.10 0.90 0.00	25.10 1.10 0.00	25.11 1.21 -2.36	23.27 1.34 -0.40	21.47 1.18 0.00	20.88 1.18 -0.39	21.06 1.22 -0.23	22.48 1.28 -0.85	23.09 1.42 -0.21	24.20 1.49 -1.13	26.94 1.63 -2.74	33.89 1.68 -8.27	32.69 1.69 -4.57	30.81 1.51 -4.92	25.70 1.39 0.00	24.20 1.34 -1.33	23.14 1.35 -0.30	21.23 1.14 0.00
NARROWS_GT2_5 24240	22.08 1.22 -0.52	19.43 0.89 0.00	18.90 0.82 -1.93	18.48 0.75 -2.14	18.53 0.80 -1.14	20.82 0.74 0.00	24.10 0.90 0.00	25.10 1.10 0.00	25.11 1.21 -2.36	23.27 1.34 -0.40	21.47 1.18 0.00	20.88 1.18 -0.39	21.06 1.22 -0.23	22.48 1.28 -0.85	23.09 1.42 -0.21	24.20 1.49 -1.13	26.94 1.63 -2.74	33.89 1.68 -8.27	32.69 1.69 -4.57	30.81 1.51 -4.92	25.70 1.39 0.00	24.20 1.34 -1.33	23.14 1.35 -0.30	21.23 1.14 0.00
NARROWS_GT2_6 24241	22.08 1.22 -0.52	19.43 0.89 0.00	18.90 0.82 -1.93	18.48 0.75 -2.14	18.53 0.80 -1.14	20.82 0.74 0.00	24.10 0.90 0.00	25.10 1.10 0.00	25.11 1.21 -2.36	23.27 1.34 -0.40	21.47 1.18 0.00	20.88 1.18 -0.39	21.06 1.22 -0.23	22.48 1.28 -0.85	23.09 1.42 -0.21	24.20 1.49 -1.13	26.94 1.63 -2.74	33.89 1.68 -8.27	32.69 1.69 -4.57	30.81 1.51 -4.92	25.70 1.39 0.00	24.20 1.34 -1.33	23.14 1.35 -0.30	21.23 1.14 0.00
NARROWS_GT2_7 24242	22.08 1.22 -0.52	19.43 0.89 0.00	18.90 0.82 -1.93	18.48 0.75 -2.14	18.53 0.80 -1.14	20.82 0.74 0.00	24.10 0.90 0.00	25.10 1.10 0.00	25.11 1.21 -2.36	23.27 1.34 -0.40	21.47 1.18 0.00	20.88 1.18 -0.39	21.06 1.22 -0.23	22.48 1.28 -0.85	23.09 1.42 -0.21	24.20 1.49 -1.13	26.94 1.63 -2.74	33.89 1.68 -8.27	32.69 1.69 -4.57	30.81 1.51 -4.92	25.70 1.39 0.00	24.20 1.34 -1.33	23.14 1.35 -0.30	21.23 1.14 0.00
NARROWS_GT2_8 24243	22.08 1.22 -0.52	19.43 0.89 0.00	18.90 0.82 -1.93	18.48 0.75 -2.14	18.53 0.80 -1.14	20.82 0.74 0.00	24.10 0.90 0.00	25.10 1.10 0.00	25.11 1.21 -2.36	23.27 1.34 -0.40	21.47 1.18 0.00	20.88 1.18 -0.39	21.06 1.22 -0.23	22.48 1.28 -0.85	23.09 1.42 -0.21	24.20 1.49 -1.13	26.94 1.63 -2.74	33.89 1.68 -8.27	32.69 1.69 -4.57	30.81 1.51 -4.92	25.70 1.39 0.00	24.20 1.34 -1.33	23.14 1.35 -0.30	21.23 1.14 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	21.70 0.73 -0.63	19.37 0.83 0.00	19.08 0.61 -2.32	18.76 0.59 -2.58	18.63 0.66 -1.37	21.06 0.98 0.00	24.40 1.21 0.00	25.34 1.34 0.00	25.24 0.86 -2.83	22.83 0.82 -0.48	21.00 0.71 0.00	20.49 0.71 -0.47	20.60 0.71 -0.28	21.98 0.61 -1.03	22.47 0.75 -0.26	23.63 0.69 -1.36	26.59 0.72 -3.30	34.82 0.93 -9.94	33.11 1.19 -5.50	31.41 1.12 -5.91	25.51 1.19 0.00	23.99 0.86 -1.60	22.84 0.99 -0.36	20.87 0.78 0.00
NCHELSEA_115KV_TR2 355582	21.92 1.06 -0.53	19.43 0.89 0.00	18.83 0.74 -1.94	18.47 0.73 -2.15	18.50 0.76 -1.15	20.98 0.90 0.00	24.26 1.07 0.00	25.17 1.18 0.00	24.99 1.08 -2.36	23.05 1.12 -0.40	21.28 0.99 0.00	20.67 0.97 -0.40	20.82 0.98 -0.23	22.22 1.02 -0.86	22.79 1.12 -0.21	23.94 1.23 -1.14	26.59 1.26 -2.75	33.58 1.34 -8.29	32.49 1.48 -4.58	30.68 1.37 -4.93	25.65 1.34 0.00	24.05 1.18 -1.33	22.97 1.18 -0.30	21.07 0.98 0.00
NEG CAPITAL___MECHNVIL 23645	22.12 1.10 -0.68	19.52 0.98 0.00	19.53 0.87 -2.51	19.19 0.83 -2.78	18.97 0.90 -1.48	21.22 1.14 0.00	24.63 1.44 0.00	25.48 1.49 0.00	25.88 1.27 -3.06	23.23 1.18 -0.52	21.30 1.01 0.00	20.82 1.00 -0.51	20.89 0.98 -0.30	22.47 1.02 -1.11	22.79 1.05 -0.28	24.15 1.10 -1.47	27.33 1.20 -3.56	36.00 1.32 -10.74	33.87 1.51 -5.94	32.18 1.41 -6.38	25.73 1.41 0.00	24.51 1.25 -1.73	23.08 1.20 -0.39	21.11 1.02 0.00
NEG CENTRAL_HIGH_ACRES 23767	19.97 -0.41 -0.04	18.28 -0.26 0.00	16.04 -0.24 -0.13	15.51 -0.22 -0.14	16.44 -0.23 -0.08	19.80 -0.28 0.00	23.05 -0.14 0.00	23.87 -0.12 0.00	21.56 -0.15 -0.16	21.30 -0.26 -0.03	20.07 -0.22 0.00	19.00 -0.33 -0.03	19.27 -0.35 -0.02	20.04 -0.37 -0.06	21.07 -0.41 -0.01	21.42 -0.24 -0.08	22.58 -0.16 -0.16	24.33 -0.10 -0.48	26.53 -0.16 -0.27	24.52 -0.15 -0.29	24.19 -0.12 0.00	21.48 -0.13 -0.08	21.20 -0.30 -0.02	19.97 -0.12 0.00
NEG CENTRAL___DRP 24199	20.40 0.02 -0.04	18.67 0.13 0.00	16.34 0.05 -0.14	15.80 0.06 -0.16	16.74 0.07 -0.08	20.22 0.14 0.00	23.59 0.39 0.00	24.40 0.41 0.00	21.98 0.26 -0.17	21.82 0.26 -0.03	20.47 0.18 0.00	19.43 0.10 -0.03	19.70 0.08 -0.02	20.47 0.06 -0.06	21.57 0.09 -0.02	21.88 0.22 -0.08	23.00 0.25 -0.17	24.78 0.31 -0.53	27.03 0.32 -0.29	25.01 0.32 -0.31	24.70 0.39 0.00	21.87 0.26 -0.08	21.66 0.15 -0.02	20.31 0.22 0.00
NEG CENTRAL___INDECK 23768	20.98 0.59 -0.05	19.28 0.74 0.00	16.86 0.53 -0.18	16.31 0.53 -0.20	17.26 0.56 -0.11	20.92 0.84 0.00	24.42 1.23 0.00	25.26 1.27 0.00	22.72 0.95 -0.22	22.36 0.80 -0.04	20.96 0.67 0.00	19.83 0.48 -0.04	20.10 0.47 -0.02	20.85 0.43 -0.08	22.00 0.51 -0.02	22.35 0.67 -0.10	23.71 0.90 -0.23	25.76 1.13 -0.69	28.03 1.22 -0.38	25.99 1.19 -0.41	25.68 1.36 0.00	22.72 1.08 -0.11	22.39 0.88 -0.03	21.09 1.00 0.00
NEG CENTRAL___SENECA 23627	20.50 0.12 -0.04	18.78 0.24 0.00	16.43 0.13 -0.15	15.90 0.14 -0.17	16.83 0.15 -0.09	20.34 0.26 0.00	23.77 0.58 0.00	24.57 0.58 0.00	22.08 0.34 -0.19	21.93 0.37 -0.03	20.61 0.32 0.00	19.49 0.15 -0.03	19.77 0.14 -0.02	20.52 0.10 -0.07	21.63 0.15 -0.02	21.97 0.30 -0.09	23.10 0.34 -0.19	24.96 0.43 -0.58	27.14 0.40 -0.32	25.12 0.39 -0.34	24.83 0.51 0.00	21.95 0.32 -0.09	21.72 0.21 -0.02	20.45 0.36 0.00
NEG CENTRAL___STATE_STREET 24147	20.48 0.10 -0.04	18.69 0.15 0.00	16.37 0.08 -0.14	15.83 0.09 -0.15	16.77 0.10 -0.08	20.26 0.18 0.00	23.61 0.42 0.00	24.45 0.46 0.00	22.19 0.47 -0.17	22.03 0.47 -0.03	20.53 0.24 0.00	19.64 0.31 -0.03	19.94 0.31 -0.02	20.71 0.31 -0.06	21.80 0.32 -0.02	22.11 0.45 -0.08	23.26 0.52 -0.17	25.04 0.57 -0.52	27.32 0.61 -0.28	25.27 0.59 -0.31	24.95 0.63 0.00	22.11 0.50 -0.08	21.91 0.41 -0.02	20.37 0.28 0.00
NEG MILLWOOD___DRP 24198	22.05 1.18 -0.53	19.54 1.00 0.00	18.94 0.82 -1.97	18.60 0.83 -2.18	18.62 0.86 -1.17	21.10 1.02 0.00	24.40 1.21 0.00	25.26 1.27 0.00	25.20 1.25 -2.40	23.23 1.29 -0.41	21.41 1.12 0.00	20.77 1.06 -0.40	21.02 1.18 -0.24	22.42 1.20 -0.87	22.99 1.31 -0.22	24.20 1.47 -1.15	26.86 1.49 -2.79	33.90 1.53 -8.42	32.72 1.64 -4.66	30.90 1.51 -5.01	25.87 1.56 0.00	24.20 1.31 -1.36	23.08 1.29 -0.31	21.19 1.10 0.00



NEG NORTH_FLCN_SEA 23793	20.70 0.37 0.00	18.89 0.35 0.00	16.50 0.36 0.00	15.88 0.30 0.00	16.94 0.35 0.00	20.58 0.50 0.00	23.73 0.53 0.00	24.14 0.14 0.00	21.83 0.28 0.00	21.75 0.22 0.00	20.47 0.18 0.00	19.58 0.27 0.00	19.96 0.35 0.00	20.67 0.33 0.00	21.83 0.36 0.00	21.84 0.26 0.00	22.91 0.34 0.00	24.35 0.41 0.00	27.46 1.03 0.00	25.28 0.90 0.00	25.12 0.80 0.00	22.26 0.73 0.00	22.09 0.60 0.00	20.71 0.62 0.00
NEG NORTH_KES_CHATEGAY 23792	20.48 0.14 0.00	18.67 0.13 0.00	16.31 0.16 0.00	15.71 0.12 0.00	16.76 0.17 0.00	20.34 0.26 0.00	23.42 0.23 0.00	24.02 0.02 0.00	21.68 0.13 0.00	21.62 0.09 0.00	20.37 0.08 0.00	19.46 0.15 0.00	19.84 0.24 0.00	20.55 0.20 0.00	21.70 0.24 0.00	21.71 0.13 0.00	22.78 0.20 0.00	24.19 0.24 0.00	27.09 0.66 0.00	24.94 0.56 0.00	24.80 0.49 0.00	21.98 0.45 0.00	21.81 0.32 0.00	20.47 0.38 0.00
NEG NORTH___ALICE_FALLS 23915	20.70 0.37 0.00	18.87 0.33 0.00	16.49 0.34 0.00	15.87 0.28 0.00	16.92 0.33 0.00	20.56 0.48 0.00	23.73 0.53 0.00	24.23 0.24 0.00	21.90 0.34 0.00	21.79 0.26 0.00	20.53 0.24 0.00	19.63 0.33 0.00	20.02 0.41 0.00	20.71 0.37 0.00	21.87 0.41 0.00	21.90 0.32 0.00	23.00 0.43 0.00	24.45 0.50 0.00	27.48 1.06 0.00	25.31 0.93 0.00	25.14 0.83 0.00	22.28 0.75 0.00	22.07 0.58 0.00	20.71 0.62 0.00
NEG NORTH___LWR_SARANAC 23913	20.70 0.37 0.00	18.87 0.33 0.00	16.49 0.34 0.00	15.87 0.28 0.00	16.92 0.33 0.00	20.56 0.48 0.00	23.73 0.53 0.00	24.23 0.24 0.00	21.90 0.34 0.00	21.79 0.26 0.00	20.53 0.24 0.00	19.63 0.33 0.00	20.02 0.41 0.00	20.71 0.37 0.00	21.87 0.41 0.00	21.90 0.32 0.00	23.00 0.43 0.00	24.45 0.50 0.00	27.48 1.06 0.00	25.31 0.93 0.00	25.14 0.83 0.00	22.28 0.75 0.00	22.07 0.58 0.00	20.71 0.62 0.00
NEG NORTH___PLATTSBURG 23628	20.70 0.37 0.00	18.87 0.33 0.00	16.47 0.32 0.00	15.87 0.28 0.00	16.92 0.33 0.00	20.62 0.54 0.00	23.73 0.53 0.00	24.23 0.24 0.00	21.90 0.34 0.00	21.83 0.30 0.00	20.53 0.24 0.00	19.63 0.33 0.00	20.02 0.41 0.00	20.71 0.37 0.00	21.87 0.41 0.00	21.92 0.34 0.00	23.00 0.43 0.00	24.45 0.50 0.00	27.49 1.06 0.00	25.31 0.93 0.00	25.14 0.83 0.00	22.26 0.73 0.00	22.07 0.58 0.00	20.71 0.62 0.00
NEG WEST_LEA_LOCKPORT 23791	19.89 -0.49 -0.04	18.50 -0.04 0.00	16.08 -0.23 -0.16	15.59 -0.17 -0.17	16.45 -0.23 -0.09	19.92 -0.16 0.00	23.17 -0.02 0.00	23.75 -0.24 0.00	21.40 -0.34 -0.19	21.37 -0.19 -0.03	20.07 -0.22 0.00	18.89 -0.44 -0.03	19.14 -0.49 -0.02	19.87 -0.55 -0.07	20.92 -0.56 -0.02	21.30 -0.37 -0.09	22.41 -0.36 -0.20	24.29 -0.26 -0.60	26.26 -0.50 -0.33	24.35 -0.39 -0.36	24.12 -0.19 0.00	21.22 -0.41 -0.10	21.06 -0.45 -0.02	20.23 0.14 0.00
NEG WEST___LANCASTR 23811	19.59 -0.79 -0.05	18.41 -0.13 0.00	15.65 -0.68 -0.18	15.17 -0.61 -0.20	16.01 -0.68 -0.10	19.80 -0.28 0.00	23.22 0.02 0.00	23.75 -0.24 0.00	21.01 -0.75 -0.21	21.39 -0.17 -0.04	20.11 -0.18 0.00	18.94 -0.41 -0.04	19.18 -0.45 -0.02	19.51 -0.92 -0.08	20.97 -0.52 -0.02	20.90 -0.78 -0.10	22.13 -0.68 -0.23	24.01 -0.65 -0.71	25.92 -0.90 -0.39	24.00 -0.80 -0.42	24.19 -0.12 0.00	20.91 -0.73 -0.11	21.10 -0.41 -0.03	20.15 0.06 0.00
NEG_PENN_ALLEGHNY 23528	20.57 0.14 -0.09	18.76 0.22 0.00	16.56 0.10 -0.31	16.05 0.11 -0.35	16.88 0.10 -0.19	20.30 0.22 0.00	23.61 0.42 0.00	24.40 0.41 0.00	22.20 0.26 -0.38	21.87 0.28 -0.07	20.55 0.26 0.00	19.52 0.15 -0.06	19.80 0.16 -0.04	20.61 0.12 -0.14	21.67 0.17 -0.03	21.98 0.22 -0.18	23.29 0.29 -0.43	25.54 0.31 -1.28	27.43 0.29 -0.71	25.41 0.27 -0.76	24.73 0.41 0.00	22.00 0.26 -0.21	21.77 0.24 -0.05	20.37 0.28 0.00
NEG___GEN_MONROE 24207	20.37 0.00 -0.04	18.71 0.17 0.00	16.38 0.10 -0.13	15.84 0.11 -0.15	16.77 0.10 -0.08	20.18 0.10 0.00	23.54 0.35 0.00	24.21 0.22 0.00	21.89 0.17 -0.16	21.75 0.19 -0.03	20.43 0.14 0.00	19.29 -0.04 -0.03	19.55 -0.08 -0.02	20.34 -0.06 -0.06	21.37 -0.11 -0.01	21.72 0.06 -0.08	22.85 0.11 -0.16	24.66 0.22 -0.50	26.89 0.18 -0.27	24.90 0.22 -0.30	24.61 0.29 0.00	21.78 0.17 -0.08	21.53 0.02 -0.02	20.45 0.36 0.00
NEPA___ENERGY 23901	20.12 -0.26 -0.05	18.73 0.19 0.00	16.18 -0.15 -0.18	15.71 -0.08 -0.20	16.56 -0.13 -0.11	20.12 0.04 0.00	23.59 0.39 0.00	24.18 0.19 0.00	21.75 -0.02 -0.22	21.85 0.28 -0.04	20.49 0.20 0.00	19.34 0.00 -0.04	19.61 -0.02 -0.02	20.22 -0.20 -0.08	21.44 -0.04 -0.02	21.64 -0.04 -0.10	22.93 0.11 -0.24	24.86 0.19 -0.72	26.83 0.00 -0.40	24.81 0.00 -0.43	24.70 0.39 0.00	21.65 0.00 -0.12	21.56 0.04 -0.03	20.47 0.38 0.00
NEVERSINK___HYD 23608	21.52 0.75 -0.43	19.13 0.59 0.00	18.21 0.48 -1.58	17.80 0.47 -1.75	18.02 0.50 -0.93	20.64 0.56 0.00	23.93 0.74 0.00	24.83 0.84 0.00	24.21 0.73 -1.92	22.59 0.73 -0.33	20.94 0.65 0.00	20.23 0.60 -0.32	19.88 0.08 -0.19	21.17 0.12 -0.70	21.79 0.15 -0.17	22.81 0.30 -0.93	25.13 0.32 -2.24	31.03 0.34 -6.75	30.56 0.40 -3.73	28.76 0.37 -4.01	25.29 0.97 0.00	23.48 0.86 -1.09	22.57 0.84 -0.25	20.81 0.72 0.00
NEWKRMKL_115KV_TB1 55635	21.46 0.45 -0.67	18.99 0.44 0.00	19.03 0.40 -2.48	18.73 0.39 -2.75	18.47 0.41 -1.47	20.56 0.48 0.00	23.82 0.63 0.00	24.66 0.67 0.00	25.11 0.54 -3.02	22.54 0.50 -0.51	20.74 0.45 0.00	20.28 0.46 -0.51	20.38 0.47 -0.30	21.93 0.49 -1.10	22.21 0.47 -0.27	23.51 0.47 -1.45	26.57 0.47 -3.52	35.10 0.53 -10.62	32.91 0.61 -5.87	31.26 0.56 -6.32	24.88 0.56 0.00	23.71 0.47 -1.71	22.37 0.49 -0.39	20.45 0.36 0.00
NEWTON___FALLS_HYD 23847	20.01 -0.33 0.00	18.21 -0.33 0.00	15.87 -0.27 0.00	15.31 -0.28 0.00	16.31 -0.28 0.00	19.84 -0.24 0.00	23.01 -0.19 0.00	23.82 -0.17 0.00	21.27 -0.28 0.00	21.12 -0.41 0.00	19.90 -0.39 0.00	18.90 -0.41 0.00	19.20 -0.41 0.00	19.94 -0.41 0.00	20.99 -0.47 0.00	21.19 -0.39 0.00	22.21 -0.36 0.00	23.59 -0.36 0.00	26.16 -0.26 0.00	24.14 -0.24 0.00	24.02 -0.29 0.00	21.27 -0.26 0.00	21.16 -0.32 0.00	19.80 -0.28 0.00
NGRID_A1_DSASP 323792	19.67 -0.71 -0.04	18.11 -0.43 0.00	15.97 -0.34 -0.16	15.48 -0.28 -0.17	16.35 -0.33 -0.09	19.72 -0.36 0.00	22.73 -0.46 0.00	23.30 -0.70 0.00	21.01 -0.73 -0.19	20.77 -0.80 -0.03	19.66 -0.63 0.00	18.55 -0.79 -0.03	18.77 -0.86 -0.02	19.52 -0.89 -0.07	20.52 -0.97 -0.02	20.78 -0.89 -0.09	21.99 -0.79 -0.20	23.82 -0.74 -0.62	25.74 -1.03 -0.34	23.89 -0.85 -0.37	23.61 -0.71 0.00	20.86 -0.77 -0.10	20.63 -0.88 -0.02	19.82 -0.26 0.00
NGRID_A2_DSASP 323793	19.67 -0.71 -0.04	18.11 -0.43 0.00	15.97 -0.34 -0.16	15.48 -0.28 -0.17	16.35 -0.33 -0.09	19.72 -0.36 0.00	22.73 -0.46 0.00	23.30 -0.70 0.00	21.01 -0.73 -0.19	20.77 -0.80 -0.03	19.66 -0.63 0.00	18.55 -0.79 -0.03	18.77 -0.86 -0.02	19.52 -0.89 -0.07	20.52 -0.97 -0.02	20.78 -0.89 -0.09	21.99 -0.79 -0.20	23.82 -0.74 -0.62	25.74 -1.03 -0.34	23.89 -0.85 -0.37	23.61 -0.71 0.00	20.86 -0.77 -0.10	20.63 -0.88 -0.02	19.82 -0.26 0.00

NGRID_A4_DSASP 323807	19.67 -0.71 -0.04	18.10 -0.44 0.00	15.97 -0.34 -0.16	15.48 -0.28 -0.17	16.35 -0.33 -0.09	19.46 -0.62 0.00	22.77 -0.42 0.00	23.25 -0.74 0.00	21.01 -0.73 -0.19	20.94 -0.62 -0.03	19.66 -0.63 0.00	18.55 -0.79 -0.03	18.77 -0.86 -0.02	19.52 -0.90 -0.07	20.52 -0.97 -0.02	20.91 -0.76 -0.09	21.99 -0.79 -0.20	23.82 -0.74 -0.62	25.74 -1.03 -0.34	23.89 -0.85 -0.37	23.61 -0.71 0.00	20.81 -0.82 -0.10	20.63 -0.88 -0.02	19.82 -0.26 0.00
NIAGARA_115E_LBMP 323715	19.57 -0.81 -0.04	18.30 -0.24 0.00	15.84 -0.47 -0.16	15.34 -0.42 -0.18	16.20 -0.48 -0.09	19.58 -0.50 0.00	22.82 -0.37 0.00	23.35 -0.65 0.00	21.03 -0.71 -0.19	20.83 -0.73 -0.03	19.70 -0.59 0.00	18.57 -0.77 -0.03	18.81 -0.82 -0.02	19.54 -0.87 -0.07	20.56 -0.92 -0.02	20.83 -0.84 -0.09	22.01 -0.77 -0.20	23.87 -0.70 -0.62	25.79 -0.98 -0.34	23.92 -0.83 -0.37	23.68 -0.63 0.00	20.88 -0.75 -0.10	20.67 -0.84 -0.02	19.92 -0.16 0.00
NIAGARA_115W_LBMP 323714	19.63 -0.75 -0.04	18.06 -0.48 0.00	15.93 -0.37 -0.16	15.45 -0.31 -0.17	16.32 -0.37 -0.09	19.70 -0.38 0.00	22.66 -0.53 0.00	23.22 -0.77 0.00	20.95 -0.80 -0.19	20.72 -0.84 -0.03	19.60 -0.69 0.00	18.49 -0.85 -0.03	18.73 -0.90 -0.02	19.46 -0.96 -0.07	20.45 -1.03 -0.02	20.74 -0.93 -0.09	21.92 -0.86 -0.20	23.75 -0.81 -0.61	25.68 -1.08 -0.34	23.82 -0.93 -0.37	23.54 -0.78 0.00	20.79 -0.84 -0.10	20.56 -0.94 -0.02	19.76 -0.32 0.00
NIAGARA_230_LBMP 323716	19.77 -0.61 -0.04	18.30 -0.24 0.00	15.98 -0.32 -0.16	15.48 -0.28 -0.17	16.35 -0.33 -0.09	19.76 -0.32 0.00	22.96 -0.23 0.00	23.54 -0.46 0.00	21.20 -0.54 -0.19	20.98 -0.58 -0.03	19.86 -0.43 0.00	18.74 -0.60 -0.03	18.98 -0.65 -0.02	19.72 -0.69 -0.07	20.73 -0.75 -0.02	21.00 -0.67 -0.09	22.21 -0.56 -0.20	24.05 -0.50 -0.61	26.00 -0.77 -0.34	24.11 -0.63 -0.36	23.85 -0.46 0.00	21.05 -0.58 -0.10	20.84 -0.67 -0.02	20.03 -0.06 0.00
NIAGARA__115KV_198_GIBSON 55903	19.63 -0.75 -0.04	18.04 -0.50 0.00	15.93 -0.37 -0.16	15.45 -0.31 -0.17	16.32 -0.36 -0.09	19.40 -0.68 0.00	22.70 -0.49 0.00	23.20 -0.79 0.00	20.95 -0.80 -0.19	20.87 -0.69 -0.03	19.60 -0.69 0.00	18.49 -0.85 -0.03	18.73 -0.90 -0.02	19.48 -0.94 -0.07	20.45 -1.03 -0.02	20.85 -0.82 -0.09	21.92 -0.86 -0.20	23.77 -0.79 -0.61	25.68 -1.08 -0.34	23.82 -0.93 -0.37	23.54 -0.78 0.00	20.75 -0.88 -0.10	20.56 -0.95 -0.02	19.76 -0.32 0.00
NIAGARA____ 23760	19.77 -0.61 -0.04	18.30 -0.24 0.00	15.98 -0.32 -0.16	15.48 -0.28 -0.18	16.35 -0.33 -0.09	19.76 -0.32 0.00	22.96 -0.23 0.00	23.54 -0.46 0.00	21.21 -0.54 -0.19	20.98 -0.58 -0.03	19.86 -0.43 0.00	18.74 -0.60 -0.03	18.98 -0.65 -0.02	19.72 -0.69 -0.07	20.73 -0.75 -0.02	21.00 -0.67 -0.09	22.21 -0.56 -0.20	24.05 -0.50 -0.61	26.00 -0.77 -0.34	24.11 -0.63 -0.36	23.85 -0.46 0.00	21.05 -0.58 -0.10	20.84 -0.67 -0.02	20.03 -0.06 0.00
NINE_MILE_1 23575	19.85 -0.51 -0.02	18.11 -0.43 0.00	15.85 -0.37 -0.08	15.31 -0.36 -0.08	16.25 -0.38 -0.04	19.62 -0.46 0.00	22.75 -0.44 0.00	23.54 -0.46 0.00	21.19 -0.45 -0.09	21.07 -0.47 -0.02	19.84 -0.45 0.00	18.86 -0.46 -0.02	19.15 -0.47 -0.01	19.89 -0.49 -0.03	20.94 -0.54 -0.01	21.15 -0.47 -0.04	22.20 -0.45 -0.08	23.74 -0.46 -0.25	26.04 -0.53 -0.14	24.04 -0.49 -0.15	23.85 -0.46 0.00	21.14 -0.43 -0.04	21.02 -0.47 -0.01	19.68 -0.40 0.00
NINE_MILE_2 23744	19.87 -0.49 -0.02	18.11 -0.43 0.00	15.85 -0.37 -0.08	15.31 -0.36 -0.08	16.25 -0.38 -0.04	19.64 -0.44 0.00	22.75 -0.44 0.00	23.54 -0.46 0.00	21.19 -0.45 -0.09	21.07 -0.47 -0.02	19.84 -0.45 0.00	18.86 -0.46 -0.02	19.15 -0.47 -0.01	19.89 -0.49 -0.03	20.94 -0.54 -0.01	21.15 -0.47 -0.04	22.20 -0.45 -0.08	23.74 -0.46 -0.25	26.03 -0.53 -0.14	24.06 -0.46 -0.15	23.85 -0.46 0.00	21.14 -0.43 -0.04	21.02 -0.47 -0.01	19.68 -0.40 0.00
NM_CAPITAL____DRP 24208	21.52 0.51 -0.67	19.04 0.50 0.00	19.06 0.44 -2.47	18.77 0.44 -2.75	18.52 0.46 -1.46	20.60 0.52 0.00	23.84 0.65 0.00	24.71 0.72 0.00	25.15 0.58 -3.02	22.58 0.54 -0.51	20.78 0.49 0.00	20.31 0.50 -0.50	20.42 0.51 -0.30	21.97 0.53 -1.09	22.27 0.54 -0.27	23.55 0.52 -1.45	26.63 0.54 -3.51	35.12 0.57 -10.60	32.95 0.66 -5.86	31.29 0.61 -6.30	24.92 0.61 0.00	23.73 0.50 -1.71	22.39 0.52 -0.39	20.49 0.40 0.00
NM_CENTRAL____DRP 24181	20.22 -0.14 -0.03	18.45 -0.09 0.00	16.15 -0.10 -0.10	15.62 -0.08 -0.11	16.55 -0.10 -0.06	20.00 -0.08 0.00	23.22 0.02 0.00	24.04 0.05 0.00	21.66 -0.02 -0.13	21.53 -0.02 -0.02	20.23 -0.06 0.00	19.23 -0.10 -0.02	19.52 -0.10 -0.01	20.27 -0.12 -0.05	21.35 -0.13 -0.01	21.59 -0.04 -0.06	22.72 0.02 -0.12	24.33 0.02 -0.36	26.63 0.00 -0.20	24.62 0.02 -0.21	24.36 0.05 0.00	21.59 0.00 -0.06	21.46 -0.04 -0.01	20.07 -0.02 0.00
NM_FRONTIER____DRP 24179	19.63 -0.75 -0.04	18.04 -0.50 0.00	15.93 -0.37 -0.16	15.45 -0.31 -0.17	16.32 -0.36 -0.09	19.40 -0.68 0.00	22.70 -0.49 0.00	23.20 -0.79 0.00	20.95 -0.80 -0.19	20.87 -0.69 -0.03	19.60 -0.69 0.00	18.49 -0.85 -0.03	18.73 -0.90 -0.02	19.48 -0.94 -0.07	20.45 -1.03 -0.02	20.85 -0.82 -0.09	21.92 -0.86 -0.20	23.77 -0.79 -0.61	25.68 -1.08 -0.34	23.82 -0.93 -0.37	23.54 -0.78 0.00	20.75 -0.88 -0.10	20.56 -0.95 -0.02	19.76 -0.32 0.00
NM_ST_REGIS____HYD 24053	19.91 -0.43 0.00	18.11 -0.43 0.00	15.83 -0.32 0.00	15.24 -0.34 0.00	16.24 -0.35 0.00	19.72 -0.36 0.00	22.70 -0.49 0.00	23.46 -0.53 0.00	21.06 -0.50 0.00	20.93 -0.60 0.00	19.80 -0.49 0.00	18.82 -0.48 0.00	19.16 -0.45 0.00	19.86 -0.49 0.00	20.95 -0.52 0.00	21.02 -0.56 0.00	22.05 -0.52 0.00	23.40 -0.55 0.00	26.03 -0.40 0.00	23.99 -0.39 0.00	23.83 -0.49 0.00	21.12 -0.41 0.00	21.01 -0.47 0.00	19.72 -0.36 0.00
NORTHPORT____1 23551	25.74 1.69 -3.72	19.95 1.41 0.00	19.18 1.10 -1.93	18.82 1.09 -2.14	18.81 1.08 -1.14	21.54 1.46 0.00	24.93 1.74 0.00	27.19 1.82 -1.37	26.14 1.83 -2.75	24.98 1.87 -1.57	28.04 1.48 -6.27	27.76 1.52 -6.93	28.04 1.57 -6.86	28.04 1.61 -6.09	28.52 1.74 -5.32	29.71 1.79 -6.34	36.31 1.85 -11.88	42.58 1.92 -16.72	39.86 2.04 -11.39	35.13 1.88 -8.87	34.95 1.80 -8.83	29.71 1.59 -6.59	26.78 1.87 -3.43	24.82 1.59 -3.15
NORTHPORT____2 23552	25.74 1.69 -3.72	19.95 1.41 0.00	19.18 1.10 -1.93	18.82 1.09 -2.14	18.81 1.08 -1.14	21.54 1.46 0.00	24.93 1.74 0.00	27.19 1.82 -1.37	26.14 1.83 -2.75	24.98 1.87 -1.57	28.04 1.48 -6.27	27.76 1.52 -6.93	28.04 1.57 -6.86	28.04 1.61 -6.09	28.52 1.74 -5.32	29.71 1.79 -6.34	36.31 1.85 -11.88	42.58 1.92 -16.72	39.86 2.04 -11.39	35.13 1.88 -8.87	34.95 1.80 -8.83	29.71 1.59 -6.59	26.78 1.87 -3.43	24.82 1.59 -3.15
NORTHPORT____3 23553	25.62 1.57 -3.72	19.80 1.26 0.00	19.06 0.99 -1.93	18.70 0.97 -2.14	18.71 0.98 -1.14	21.38 1.30 0.00	24.79 1.60 0.00	27.07 1.70 -1.37	26.03 1.72 -2.75	24.89 1.79 -1.57	28.04 1.48 -6.27	27.74 1.51 -6.93	28.02 1.55 -6.86	28.04 1.61 -6.09	28.52 1.74 -5.32	29.76 1.83 -6.35	36.38 1.92 -11.89	42.69 2.01 -16.73	39.97 2.14 -11.40	35.22 1.97 -8.87	35.04 1.90 -8.83	29.92 1.81 -6.58	26.70 1.78 -3.43	24.72 1.49 -3.15

NORTHPORT___4 23650	25.62 1.57 -3.72	19.80 1.26 0.00	19.06 0.99 -1.93	18.70 0.97 -2.14	18.71 0.98 -1.14	21.38 1.30 0.00	24.79 1.60 0.00	27.07 1.70 -1.37	26.03 1.72 -2.75	24.89 1.79 -1.57	28.04 1.48 -6.27	27.74 1.51 -6.93	28.02 1.55 -6.86	28.04 1.61 -6.09	28.52 1.74 -5.32	29.76 1.83 -6.35	36.38 1.92 -11.89	42.69 2.01 -16.73	39.97 2.14 -11.40	35.22 1.97 -8.87	35.04 1.90 -8.83	29.92 1.81 -6.58	26.70 1.78 -3.43	24.72 1.49 -3.15
NORTHPORT___IC 23718	25.74 1.69 -3.72	19.95 1.41 0.00	19.18 1.10 -1.93	18.82 1.09 -2.14	18.81 1.08 -1.14	21.54 1.46 0.00	24.93 1.74 0.00	27.19 1.82 -1.37	26.14 1.83 -2.75	24.98 1.87 -1.57	28.04 1.48 -6.27	27.76 1.52 -6.93	28.04 1.57 -6.86	28.04 1.61 -6.09	28.52 1.74 -5.32	29.71 1.79 -6.34	36.31 1.85 -11.88	42.58 1.92 -16.72	39.86 2.04 -11.39	35.13 1.88 -8.87	34.95 1.80 -8.83	29.71 1.59 -6.59	26.78 1.87 -3.43	24.82 1.59 -3.15
NORTH___COUNTRY_ESR 323785	20.42 0.08 0.00	18.62 0.07 0.00	16.26 0.11 0.00	15.68 0.09 0.00	16.71 0.12 0.00	20.32 0.24 0.00	23.36 0.16 0.00	23.94 -0.05 0.00	21.62 0.06 0.00	21.57 0.04 0.00	20.33 0.04 0.00	19.42 0.12 0.00	19.79 0.18 0.00	20.49 0.14 0.00	21.64 0.17 0.00	21.66 0.09 0.00	22.71 0.14 0.00	24.11 0.17 0.00	26.98 0.56 0.00	24.87 0.49 0.00	24.70 0.39 0.00	21.90 0.37 0.00	21.76 0.28 0.00	20.39 0.30 0.00
NPX_GEN_1385_PROXY 323591	25.54 1.48 -3.72	19.86 1.32 0.00	19.08 1.00 -1.93	18.90 1.17 -2.14	18.71 0.98 -1.14	21.20 1.12 0.00	24.75 1.55 0.00	26.75 1.39 -1.37	25.53 1.23 -2.75	24.20 1.10 -1.57	25.26 0.89 -4.08	25.44 0.75 -5.38	26.19 0.79 -5.80	27.23 0.79 -6.09	27.73 0.94 -5.32	28.01 0.95 -5.48	31.28 0.99 -7.71	34.31 1.01 -9.36	36.19 1.03 -8.73	34.00 1.02 -8.60	31.00 0.85 -5.83	27.70 0.77 -5.40	26.01 1.10 -3.43	24.38 1.14 -3.15
NPX_GEN_CSC 323557	26.19 2.13 -3.72	20.34 1.80 0.00	19.48 1.40 -1.93	19.09 1.36 -2.14	19.13 1.39 -1.14	22.01 1.93 0.00	25.44 2.25 0.00	27.76 2.40 -1.37	26.68 2.37 -2.75	25.54 2.43 -1.57	28.53 1.97 -6.27	28.26 2.03 -6.93	28.55 2.08 -6.86	28.59 2.16 -6.09	29.10 2.32 -5.32	31.30 2.57 -7.15	44.10 2.62 -18.91	44.33 2.75 -17.63	41.98 2.96 -12.60	43.06 2.71 -15.98	41.80 2.63 -14.85	31.26 2.37 -7.37	27.39 2.47 -3.43	25.32 2.09 -3.15
NSINS_S_GLNS_FALLS 23858	22.38 1.36 -0.68	19.78 1.24 0.00	19.76 1.10 -2.52	19.42 1.04 -2.79	19.23 1.14 -1.49	21.58 1.51 0.00	25.12 1.92 0.00	25.98 1.99 0.00	26.30 1.68 -3.07	23.60 1.55 -0.52	21.59 1.30 0.00	21.11 1.29 -0.51	21.05 1.14 -0.30	22.62 1.16 -1.11	22.92 1.18 -0.28	24.28 1.23 -1.48	27.48 1.33 -3.57	36.23 1.51 -10.78	34.13 1.74 -5.96	32.45 1.66 -6.41	25.99 1.68 0.00	24.82 1.55 -1.73	23.36 1.48 -0.39	21.43 1.35 0.00
NUCOR_STEEL___DRP 24197	20.52 0.14 -0.04	18.74 0.20 0.00	16.41 0.13 -0.13	15.87 0.14 -0.15	16.82 0.15 -0.08	20.30 0.22 0.00	23.63 0.44 0.00	24.45 0.46 0.00	22.06 0.34 -0.16	21.90 0.34 -0.03	20.53 0.24 0.00	19.53 0.19 -0.03	19.82 0.20 -0.02	20.59 0.18 -0.06	21.69 0.21 -0.01	21.98 0.32 -0.08	23.12 0.38 -0.16	24.87 0.43 -0.49	27.15 0.45 -0.27	25.09 0.41 -0.29	24.80 0.49 0.00	21.98 0.37 -0.08	21.78 0.28 -0.02	20.39 0.30 0.00
NUMBER_THREE_WT_PWR 323818	20.41 0.06 -0.01	18.58 0.04 0.00	16.22 0.03 -0.04	15.67 0.03 -0.05	16.67 0.05 -0.03	20.24 0.16 0.00	23.61 0.42 0.00	24.45 0.45 0.00	21.82 0.22 -0.05	21.60 0.06 -0.01	20.31 0.02 0.00	19.26 -0.06 -0.01	19.52 -0.10 -0.01	20.33 -0.04 -0.02	21.38 -0.09 0.00	21.67 0.06 -0.03	22.76 0.14 -0.05	24.25 0.14 -0.15	26.80 0.29 -0.09	24.74 0.27 -0.09	24.58 0.27 0.00	21.73 0.17 -0.02	21.62 0.13 -0.01	20.21 0.12 0.00
NYISO_LBMP_REFERENCE 24008	20.34 0.00 0.00	18.54 0.00 0.00	16.15 0.00 0.00	15.59 0.00 0.00	16.59 0.00 0.00	20.08 0.00 0.00	23.19 0.00 0.00	23.99 0.00 0.00	21.55 0.00 0.00	21.53 0.00 0.00	20.29 0.00 0.00	19.31 0.00 0.00	19.61 0.00 0.00	20.35 0.00 0.00	21.46 0.00 0.00	21.58 0.00 0.00	22.57 0.00 0.00	23.95 0.00 0.00	26.43 0.00 0.00	24.38 0.00 0.00	24.32 0.00 0.00	21.53 0.00 0.00	21.49 0.00 0.00	20.09 0.00 0.00
NYPA_BRENTWD___GT 24164	26.03 1.97 -3.72	20.17 1.63 0.00	19.36 1.28 -1.93	18.98 1.25 -2.14	19.01 1.28 -1.14	21.82 1.75 0.00	25.26 2.06 0.00	27.55 2.18 -1.37	26.46 2.15 -2.75	25.32 2.22 -1.57	28.36 1.81 -6.27	28.07 1.84 -6.93	28.35 1.88 -6.86	28.39 1.95 -6.09	28.89 2.10 -5.32	30.34 2.22 -6.54	38.49 2.33 -13.59	43.33 2.44 -16.95	40.73 2.62 -11.69	37.39 2.41 -10.59	36.92 2.31 -10.29	30.37 2.07 -6.77	27.15 2.23 -3.43	25.12 1.89 -3.15
NYPA_GOWANUS___GT5 24156	22.04 1.18 -0.52	19.43 0.89 0.00	18.90 0.82 -1.93	18.48 0.75 -2.14	18.53 0.80 -1.14	20.82 0.74 0.00	24.10 0.90 0.00	25.10 1.10 0.00	25.11 1.21 -2.36	23.27 1.34 -0.40	21.47 1.18 0.00	20.88 1.18 -0.39	21.06 1.22 -0.23	22.48 1.28 -0.85	23.09 1.42 -0.21	24.20 1.49 -1.13	26.94 1.63 -2.74	33.89 1.68 -8.27	32.69 1.69 -4.57	30.81 1.51 -4.92	25.70 1.39 0.00	24.20 1.34 -1.33	23.14 1.35 -0.30	21.23 1.14 0.00
NYPA_GOWANUS___GT6 24157	22.04 1.18 -0.52	19.43 0.89 0.00	18.90 0.82 -1.93	18.48 0.75 -2.14	18.53 0.80 -1.14	20.82 0.74 0.00	24.10 0.90 0.00	25.10 1.10 0.00	25.11 1.21 -2.36	23.27 1.34 -0.40	21.47 1.18 0.00	20.88 1.18 -0.39	21.06 1.22 -0.23	22.48 1.28 -0.85	23.09 1.42 -0.21	24.20 1.49 -1.13	26.94 1.63 -2.74	33.89 1.68 -8.27	32.69 1.69 -4.57	30.81 1.51 -4.92	25.70 1.39 0.00	24.20 1.34 -1.33	23.14 1.35 -0.30	21.23 1.14 0.00
NYPA_HARLEM__RVR_GT1 24160	21.98 1.12 -0.52	19.34 0.80 0.00	18.82 0.74 -1.93	18.40 0.67 -2.14	18.45 0.71 -1.14	20.73 0.66 0.01	23.97 0.79 0.01	24.92 0.93 0.01	24.95 1.06 -2.35	23.08 1.16 -0.39	21.30 1.01 0.01	20.73 1.04 -0.39	20.89 1.06 -0.23	22.31 1.12 -0.85	22.91 1.24 -0.21	24.03 1.32 -1.13	26.76 1.45 -2.74	33.63 1.41 -8.27	32.42 1.43 -4.56	30.56 1.27 -4.91	25.50 1.19 0.01	24.04 1.18 -1.33	23.01 1.22 -0.30	21.13 1.04 0.00
NYPA_HARLEM__RVR_GT2 24161	21.98 1.12 -0.52	19.34 0.80 0.00	18.82 0.74 -1.93	18.40 0.67 -2.14	18.45 0.71 -1.14	20.73 0.66 0.01	23.97 0.79 0.01	24.92 0.93 0.01	24.95 1.06 -2.35	23.08 1.16 -0.39	21.30 1.01 0.01	20.73 1.04 -0.39	20.89 1.06 -0.23	22.31 1.12 -0.85	22.91 1.24 -0.21	24.03 1.32 -1.13	26.76 1.45 -2.74	33.63 1.41 -8.27	32.42 1.43 -4.56	30.56 1.27 -4.91	25.50 1.19 0.01	24.04 1.18 -1.33	23.01 1.22 -0.30	21.13 1.04 0.00
NYPA_KENT___GT 24152	22.04 1.18 -0.52	19.43 0.89 0.00	18.89 0.81 -1.93	18.48 0.75 -2.14	18.53 0.80 -1.14	20.84 0.76 0.00	24.12 0.93 0.00	25.10 1.10 0.00	25.11 1.21 -2.36	23.24 1.31 -0.40	21.47 1.18 0.00	20.88 1.18 -0.39	21.04 1.20 -0.23	22.46 1.26 -0.85	23.07 1.39 -0.21	24.18 1.47 -1.13	26.92 1.60 -2.74	33.84 1.63 -8.27	32.64 1.64 -4.57	30.78 1.49 -4.92	25.70 1.39 0.00	24.17 1.31 -1.33	23.14 1.35 -0.30	21.23 1.14 0.00



ONEIDA_HERK_LFGE 323681	20.63 0.28 -0.01	18.78 0.24 0.00	16.40 0.21 -0.04	15.82 0.19 -0.04	16.83 0.22 -0.02	20.38 0.30 0.00	23.77 0.58 0.00	24.62 0.62 0.00	21.96 0.37 -0.05	21.80 0.26 -0.01	20.53 0.24 0.00	19.45 0.14 -0.01	19.73 0.12 0.00	20.55 0.18 -0.02	21.62 0.15 0.00	21.88 0.28 -0.02	22.89 0.32 0.00	24.28 0.34 0.00	26.88 0.45 0.00	24.79 0.41 0.00	24.73 0.41 0.00	21.83 0.30 0.00	21.76 0.28 0.00	20.39 0.30 0.00
ONEIDA___115KV_TB4 55905	20.80 0.45 -0.02	18.95 0.41 0.00	16.55 0.34 -0.07	15.99 0.33 -0.07	17.00 0.36 -0.04	20.60 0.52 0.00	23.98 0.79 0.00	24.83 0.84 0.00	22.17 0.54 -0.08	22.02 0.47 -0.01	20.72 0.43 0.00	19.63 0.31 -0.01	19.89 0.27 -0.01	20.72 0.35 -0.03	21.82 0.34 -0.01	22.11 0.50 -0.04	23.17 0.52 -0.08	24.69 0.50 -0.24	27.17 0.61 -0.13	25.09 0.56 -0.14	24.90 0.58 0.00	22.02 0.45 -0.04	21.90 0.41 -0.01	20.55 0.46 0.00
ONONDAGA_REF_OCCRA 23987	20.29 -0.08 -0.03	18.50 -0.04 0.00	16.21 -0.06 -0.12	15.67 -0.05 -0.13	16.61 -0.05 -0.07	20.06 -0.02 0.00	23.31 0.12 0.00	24.11 0.12 0.00	21.74 0.04 -0.15	21.60 0.04 -0.03	20.29 0.00 0.00	19.29 -0.04 -0.02	19.58 -0.04 -0.01	20.34 -0.06 -0.05	21.41 -0.06 -0.01	21.69 0.04 -0.07	22.81 0.09 -0.15	24.48 0.10 -0.44	26.75 0.08 -0.24	24.74 0.10 -0.26	24.46 0.15 0.00	21.69 0.09 -0.07	21.52 0.02 -0.02	20.13 0.04 0.00
ONONDAGA___COGEN 23986	20.41 0.04 -0.03	18.61 0.07 0.00	16.31 0.05 -0.11	15.77 0.06 -0.13	16.71 0.05 -0.07	20.18 0.10 0.00	23.45 0.26 0.00	24.28 0.29 0.00	21.86 0.17 -0.14	21.70 0.15 -0.02	20.41 0.12 0.00	19.39 0.06 -0.02	19.68 0.06 -0.01	20.44 0.04 -0.05	21.52 0.04 -0.01	21.80 0.15 -0.07	22.89 0.18 -0.14	24.57 0.22 -0.41	26.86 0.21 -0.23	24.84 0.22 -0.24	24.58 0.27 0.00	21.79 0.19 -0.07	21.63 0.13 -0.01	20.25 0.16 0.00
ONTARIO___LFGE 23819	20.50 0.12 -0.04	18.78 0.24 0.00	16.43 0.13 -0.15	15.90 0.14 -0.17	16.83 0.15 -0.09	20.34 0.26 0.00	23.77 0.58 0.00	24.57 0.57 0.00	22.08 0.34 -0.19	21.86 0.30 -0.03	20.61 0.32 0.00	19.49 0.15 -0.03	19.77 0.14 -0.02	20.52 0.10 -0.07	21.63 0.15 -0.02	21.93 0.26 -0.09	23.10 0.34 -0.19	24.96 0.43 -0.58	27.17 0.42 -0.32	25.11 0.39 -0.34	24.83 0.51 0.00	21.97 0.34 -0.09	21.72 0.21 -0.02	20.43 0.34 0.00
ORANGEVILLE_WT_PWR 323706	20.14 -0.24 -0.05	18.67 0.13 0.00	16.22 -0.11 -0.19	15.73 -0.06 -0.21	16.60 -0.10 -0.11	20.16 0.08 0.00	23.49 0.30 0.00	24.14 0.14 0.00	21.72 -0.06 -0.23	21.57 0.00 -0.04	20.35 0.06 0.00	19.21 -0.13 -0.04	19.47 -0.16 -0.02	20.14 -0.28 -0.08	21.29 -0.19 -0.02	21.49 -0.19 -0.11	22.75 -0.07 -0.24	24.71 0.02 -0.74	26.70 -0.13 -0.41	24.72 -0.10 -0.44	24.49 0.17 0.00	21.56 -0.09 -0.12	21.41 -0.11 -0.03	20.39 0.30 0.00
ORANGEVILLE___ESR 323794	20.14 -0.24 -0.05	18.67 0.13 0.00	16.22 -0.11 -0.19	15.73 -0.06 -0.21	16.60 -0.10 -0.11	20.16 0.08 0.00	23.49 0.30 0.00	24.14 0.14 0.00	21.72 -0.06 -0.23	21.57 0.00 -0.04	20.35 0.06 0.00	19.21 -0.13 -0.04	19.47 -0.16 -0.02	20.14 -0.28 -0.08	21.29 -0.19 -0.02	21.49 -0.19 -0.11	22.75 -0.07 -0.24	24.71 0.02 -0.74	26.70 -0.13 -0.41	24.72 -0.10 -0.44	24.49 0.17 0.00	21.56 -0.09 -0.12	21.41 -0.11 -0.03	20.39 0.30 0.00
OSWEGATCHIE___HYD 24044	20.01 -0.33 0.00	18.21 -0.33 0.00	15.87 -0.27 0.00	15.31 -0.28 0.00	16.31 -0.28 0.00	19.84 -0.24 0.00	23.01 -0.19 0.00	23.80 -0.19 0.00	21.27 -0.28 0.00	21.14 -0.39 0.00	19.90 -0.39 0.00	18.90 -0.41 0.00	19.20 -0.41 0.00	19.94 -0.41 0.00	20.99 -0.47 0.00	21.19 -0.39 0.00	22.21 -0.36 0.00	23.59 -0.36 0.00	26.16 -0.26 0.00	24.14 -0.24 0.00	24.03 -0.29 0.00	21.25 -0.28 0.00	21.16 -0.32 0.00	19.80 -0.28 0.00
OSWEGO___5 23606	19.97 -0.39 -0.02	18.23 -0.32 0.00	15.96 -0.27 -0.08	15.41 -0.27 -0.09	16.36 -0.28 -0.05	19.76 -0.32 0.00	22.89 -0.30 0.00	23.68 -0.31 0.00	21.35 -0.30 -0.10	21.20 -0.35 -0.02	19.96 -0.33 0.00	18.98 -0.35 -0.02	19.27 -0.35 -0.01	20.02 -0.37 -0.04	21.09 -0.39 -0.01	21.28 -0.35 -0.05	22.37 -0.29 -0.09	23.92 -0.31 -0.28	26.21 -0.37 -0.16	24.23 -0.32 -0.17	24.03 -0.29 0.00	21.30 -0.28 -0.05	21.15 -0.34 -0.01	19.80 -0.28 0.00
OSWEGO___6 23613	19.97 -0.39 -0.02	18.23 -0.32 0.00	15.96 -0.27 -0.08	15.41 -0.27 -0.09	16.36 -0.28 -0.05	19.76 -0.32 0.00	22.89 -0.30 0.00	23.68 -0.31 0.00	21.35 -0.30 -0.10	21.20 -0.35 -0.02	19.96 -0.33 0.00	18.98 -0.35 -0.02	19.27 -0.35 -0.01	20.02 -0.37 -0.04	21.09 -0.39 -0.01	21.28 -0.35 -0.05	22.37 -0.29 -0.09	23.92 -0.31 -0.28	26.21 -0.37 -0.16	24.23 -0.32 -0.17	24.03 -0.29 0.00	21.30 -0.28 -0.05	21.15 -0.34 -0.01	19.80 -0.28 0.00
OUTOKUMPU-AB___DRP 24206	20.04 -0.35 -0.04	18.58 0.04 0.00	16.21 -0.10 -0.16	15.72 -0.05 -0.18	16.59 -0.10 -0.09	19.98 -0.10 0.00	23.33 0.14 0.00	23.90 -0.10 0.00	21.51 -0.24 -0.20	21.50 -0.06 -0.03	20.21 -0.08 0.00	19.01 -0.33 -0.03	19.26 -0.37 -0.02	19.97 -0.45 -0.07	21.05 -0.43 -0.02	21.41 -0.26 -0.09	22.53 -0.25 -0.21	24.43 -0.14 -0.63	26.40 -0.37 -0.35	24.48 -0.27 -0.37	24.27 -0.05 0.00	21.35 -0.28 -0.10	21.17 -0.34 -0.02	20.31 0.22 0.00
OXBOW___ 24026	19.89 -0.49 -0.04	18.39 -0.15 0.00	16.13 -0.18 -0.16	15.64 -0.13 -0.18	16.50 -0.18 -0.09	19.96 -0.12 0.00	23.08 -0.12 0.00	23.68 -0.31 0.00	21.31 -0.43 -0.19	21.11 -0.45 -0.03	19.99 -0.30 0.00	18.82 -0.52 -0.03	19.06 -0.57 -0.02	19.79 -0.63 -0.07	20.84 -0.64 -0.02	21.09 -0.58 -0.09	22.30 -0.48 -0.21	24.18 -0.38 -0.62	26.14 -0.63 -0.34	24.26 -0.49 -0.37	24.00 -0.32 0.00	21.18 -0.45 -0.10	20.95 -0.56 -0.02	20.11 0.02 0.00
OXY_CHEM_DSASP 323612	19.67 -0.71 -0.04	18.10 -0.44 0.00	15.97 -0.34 -0.16	15.48 -0.28 -0.17	16.35 -0.33 -0.09	19.46 -0.62 0.00	22.77 -0.42 0.00	23.25 -0.74 0.00	21.01 -0.73 -0.19	20.94 -0.62 -0.03	19.66 -0.63 0.00	18.55 -0.79 -0.03	18.77 -0.86 -0.02	19.52 -0.90 -0.07	20.52 -0.97 -0.02	20.91 -0.76 -0.09	21.99 -0.79 -0.20	23.82 -0.74 -0.62	25.74 -1.03 -0.34	23.89 -0.85 -0.37	23.61 -0.71 0.00	20.81 -0.82 -0.10	20.63 -0.88 -0.02	19.82 -0.26 0.00
OZONE_PARK_ESR 323760	22.12 1.26 -0.52	19.56 1.02 0.00	18.98 0.90 -1.93	18.59 0.86 -2.14	18.63 0.90 -1.14	21.06 0.98 0.00	24.37 1.18 0.00	25.31 1.32 0.00	25.26 1.36 -2.36	23.39 1.46 -0.40	21.57 1.28 0.00	20.97 1.27 -0.39	21.14 1.29 -0.23	22.58 1.38 -0.85	23.22 1.55 -0.21	24.37 1.66 -1.13	27.05 1.74 -2.74	33.99 1.77 -8.27	32.82 1.82 -4.57	30.95 1.66 -4.92	25.92 1.60 0.00	24.35 1.49 -1.33	23.25 1.46 -0.30	21.29 1.21 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	19.67 -0.71 -0.04	18.10 -0.44 0.00	15.97 -0.34 -0.16	15.48 -0.28 -0.17	16.35 -0.33 -0.09	19.46 -0.62 0.00	22.77 -0.42 0.00	23.25 -0.74 0.00	21.01 -0.73 -0.19	20.94 -0.62 -0.03	19.66 -0.63 0.00	18.55 -0.79 -0.03	18.77 -0.86 -0.02	19.52 -0.90 -0.07	20.52 -0.97 -0.02	20.91 -0.76 -0.09	21.99 -0.79 -0.20	23.82 -0.74 -0.62	25.74 -1.03 -0.34	23.89 -0.85 -0.37	23.61 -0.71 0.00	20.81 -0.82 -0.10	20.63 -0.88 -0.02	19.82 -0.26 0.00

PACKARD__115KV_DUPONT_184 80571	19.67 -0.71 -0.04	18.10 -0.44 0.00	15.97 -0.34 -0.16	15.48 -0.28 -0.17	16.35 -0.33 -0.09	19.46 -0.62 0.00	22.77 -0.42 0.00	23.25 -0.74 0.00	21.01 -0.73 -0.19	20.94 -0.62 -0.03	19.66 -0.63 0.00	18.55 -0.79 -0.03	18.77 -0.86 -0.02	19.52 -0.90 -0.07	20.52 -0.97 -0.02	20.91 -0.76 -0.09	21.99 -0.79 -0.20	23.82 -0.74 -0.62	25.74 -1.03 -0.34	23.89 -0.85 -0.37	23.61 -0.71 0.00	20.81 -0.82 -0.10	20.63 -0.88 -0.02	19.82 -0.26 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	21.98 1.12 -0.52	19.34 0.80 0.00	18.82 0.74 -1.93	18.40 0.67 -2.14	18.45 0.71 -1.14	20.80 0.72 0.00	24.00 0.81 0.00	24.98 0.98 0.00	24.98 1.08 -2.36	23.14 1.21 -0.40	21.35 1.06 0.00	20.76 1.06 -0.39	20.92 1.08 -0.23	22.32 1.12 -0.85	22.94 1.27 -0.21	24.09 1.38 -1.13	26.78 1.47 -2.74	33.65 1.44 -8.27	32.45 1.45 -4.57	30.61 1.32 -4.92	25.53 1.22 0.00	24.07 1.21 -1.33	23.03 1.25 -0.30	21.15 1.06 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	22.22 1.36 -0.52	19.56 1.02 0.00	19.05 0.97 -1.93	18.59 0.86 -2.14	18.65 0.91 -1.14	21.02 0.94 0.00	24.26 1.07 0.00	25.26 1.27 0.00	25.14 1.23 -2.36	23.26 1.33 -0.40	21.55 1.26 0.00	20.88 1.18 -0.39	21.04 1.20 -0.23	22.44 1.24 -0.85	23.07 1.40 -0.21	24.20 1.49 -1.13	26.92 1.60 -2.74	33.80 1.58 -8.27	32.61 1.61 -4.57	30.76 1.46 -4.92	25.68 1.36 0.00	24.20 1.33 -1.33	23.16 1.38 -0.30	21.37 1.29 0.00
PATROON__115KV_TB1 80586	21.50 0.49 -0.67	19.04 0.50 0.00	19.07 0.44 -2.48	18.76 0.42 -2.76	18.53 0.46 -1.47	20.60 0.52 0.00	23.86 0.67 0.00	24.74 0.74 0.00	25.18 0.60 -3.03	22.60 0.56 -0.51	20.80 0.51 0.00	20.33 0.52 -0.51	20.42 0.51 -0.30	21.97 0.53 -1.10	22.28 0.54 -0.27	23.57 0.54 -1.46	26.64 0.54 -3.53	35.18 0.60 -10.64	33.00 0.69 -5.88	31.34 0.63 -6.32	24.95 0.63 0.00	23.76 0.52 -1.71	22.41 0.54 -0.39	20.51 0.42 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	19.79 -0.59 -0.05	18.56 0.02 0.00	15.87 -0.45 -0.17	15.40 -0.37 -0.19	16.24 -0.45 -0.10	19.96 -0.12 0.00	23.38 0.19 0.00	23.94 -0.05 0.00	21.29 -0.47 -0.21	21.54 -0.02 -0.04	20.27 -0.02 0.00	19.07 -0.27 -0.03	19.32 -0.31 -0.02	19.77 -0.65 -0.08	21.12 -0.36 -0.02	21.20 -0.47 -0.10	22.39 -0.41 -0.23	24.29 -0.34 -0.68	26.25 -0.55 -0.38	24.30 -0.49 -0.41	24.36 0.05 0.00	21.19 -0.45 -0.11	21.25 -0.26 -0.03	20.31 0.22 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	22.05 1.18 -0.53	19.54 1.00 0.00	18.94 0.82 -1.97	18.60 0.83 -2.18	18.62 0.86 -1.17	21.10 1.02 0.00	24.40 1.21 0.00	25.26 1.27 0.00	25.20 1.25 -2.40	23.23 1.29 -0.41	21.41 1.12 0.00	20.77 1.06 -0.40	21.02 1.18 -0.24	22.42 1.20 -0.87	22.99 1.31 -0.22	24.20 1.47 -1.15	26.86 1.49 -2.79	33.90 1.53 -8.42	32.72 1.64 -4.66	30.90 1.51 -5.01	25.87 1.56 0.00	24.20 1.31 -1.36	23.08 1.29 -0.31	21.19 1.10 0.00
PEEKSKILL____ 23653	21.85 1.00 -0.52	19.36 0.81 0.00	18.75 0.71 -1.90	18.36 0.67 -2.11	18.43 0.71 -1.12	20.84 0.76 0.00	24.17 0.97 0.00	25.02 1.03 0.00	24.92 1.06 -2.31	23.04 1.12 -0.39	21.26 0.97 0.00	20.66 0.96 -0.39	20.86 1.02 -0.23	22.24 1.06 -0.84	22.83 1.16 -0.21	23.94 1.25 -1.11	26.58 1.31 -2.69	33.39 1.32 -8.12	32.32 1.40 -4.49	30.48 1.27 -4.83	25.58 1.26 0.00	23.98 1.14 -1.31	22.90 1.12 -0.30	21.01 0.92 0.00
PGE MADISON__WINDPWR 24146	21.79 1.36 -0.09	19.78 1.24 0.00	17.48 1.02 -0.32	16.91 0.97 -0.35	17.82 1.05 -0.19	21.54 1.46 0.00	25.42 2.23 0.00	26.35 2.35 0.00	23.58 1.64 -0.39	22.98 1.38 -0.07	21.47 1.18 0.00	20.28 0.91 -0.06	20.49 0.84 -0.04	21.54 1.06 -0.14	22.53 1.03 -0.04	23.25 1.49 -0.19	24.68 1.67 -0.43	27.02 1.77 -1.30	29.29 2.14 -0.72	27.15 2.00 -0.77	26.38 2.07 0.00	23.36 1.62 -0.21	23.06 1.53 -0.05	21.57 1.49 0.00
PIERCEFIELD__HYD 23852	19.75 -0.59 0.00	17.97 -0.57 0.00	15.68 -0.47 0.00	15.10 -0.48 0.00	16.09 -0.50 0.00	19.54 -0.54 0.00	22.50 -0.70 0.00	23.27 -0.72 0.00	20.86 -0.69 0.00	20.71 -0.82 0.00	19.62 -0.67 0.00	18.63 -0.68 0.00	18.96 -0.65 0.00	19.68 -0.67 0.00	20.73 -0.73 0.00	20.82 -0.76 0.00	21.83 -0.74 0.00	23.16 -0.79 0.00	25.71 -0.71 0.00	23.72 -0.66 0.00	23.56 -0.75 0.00	20.88 -0.65 0.00	20.78 -0.71 0.00	19.52 -0.56 0.00
PINELAWN_CC_1 323563	25.82 1.77 -3.72	19.99 1.45 0.00	19.21 1.13 -1.93	18.84 1.11 -2.14	18.86 1.13 -1.14	21.60 1.53 0.00	25.02 1.83 0.00	27.33 1.97 -1.37	26.27 1.96 -2.75	25.13 2.02 -1.57	28.22 1.66 -6.27	27.89 1.66 -6.93	28.18 1.71 -6.86	28.22 1.79 -6.09	28.74 1.95 -5.32	30.06 2.07 -6.41	37.21 2.17 -12.47	43.02 2.28 -16.80	40.35 2.43 -11.50	36.09 2.24 -9.46	35.81 2.16 -9.33	30.12 1.94 -6.65	26.94 2.02 -3.43	24.94 1.71 -3.15
PJM_GEN_HTP_PROXY 323702	21.96 1.10 -0.52	19.41 0.87 0.00	18.87 0.79 -1.93	18.48 0.75 -2.14	18.51 0.78 -1.14	20.86 0.78 0.00	24.21 1.02 0.00	25.12 1.13 0.00	25.07 1.16 -2.36	23.20 1.27 -0.40	21.41 1.12 0.00	20.80 1.10 -0.39	20.96 1.12 -0.23	22.40 1.20 -0.85	23.01 1.33 -0.21	24.13 1.42 -1.13	26.83 1.51 -2.74	33.75 1.53 -8.27	32.56 1.56 -4.57	30.71 1.41 -4.92	25.68 1.36 0.00	24.13 1.27 -1.33	23.06 1.27 -0.30	21.13 1.04 0.00
PJM_GEN_KEystone 24065	20.79 0.16 -0.29	18.80 0.26 0.00	17.33 0.11 -1.07	16.90 0.12 -1.19	17.34 0.12 -0.63	20.24 0.16 0.00	23.56 0.37 0.00	23.69 0.31 0.61	22.66 0.22 -0.89	21.79 0.34 0.09	20.41 0.32 0.20	19.60 0.21 -0.08	19.83 0.24 0.02	21.00 0.18 -0.47	21.86 0.28 -0.12	22.51 0.30 -0.63	24.50 0.41 -1.52	28.94 0.41 -4.58	29.28 0.32 -2.53	27.40 0.29 -2.73	24.75 0.44 0.00	22.55 0.28 -0.74	21.93 0.28 -0.17	20.45 0.36 0.00
PJM_GEN_NEPTUNE_PROXY 323594	25.46 1.40 -3.72	19.67 1.13 0.00	18.97 0.89 -1.93	18.59 0.86 -2.14	18.61 0.88 -1.14	21.22 1.14 0.00	24.61 1.41 0.00	26.88 1.51 -1.37	25.84 1.53 -2.75	24.70 1.59 -1.57	27.88 1.32 -6.27	27.56 1.33 -6.93	27.84 1.37 -6.86	27.86 1.42 -6.09	28.33 1.55 -5.32	29.57 1.64 -6.35	36.26 1.71 -11.97	42.48 1.80 -16.73	39.72 1.88 -11.41	35.07 1.73 -8.96	34.89 1.68 -8.90	29.65 1.53 -6.59	26.51 1.59 -3.43	24.58 1.35 -3.15
PJM_GEN_VFT_PROXY 323633	21.86 1.00 -0.52	19.34 0.80 0.00	18.81 0.73 -1.93	18.41 0.69 -2.14	18.46 0.73 -1.14	20.74 0.66 0.00	24.07 0.88 0.00	16.22 0.96 8.73	18.99 1.01 3.57	18.65 1.12 4.00	18.41 0.97 2.85	18.70 0.96 1.57	18.68 0.98 1.91	22.28 1.08 -0.85	22.90 1.22 -0.21	24.03 1.32 -1.13	26.71 1.40 -2.74	33.58 1.36 -8.27	32.40 1.40 -4.57	30.59 1.29 -4.92	25.56 1.24 0.00	24.02 1.16 -1.33	22.93 1.14 -0.30	21.03 0.94 0.00
PLATSBRG_115KV_PMLD1 355749	20.68 0.35 0.00	18.87 0.33 0.00	16.49 0.34 0.00	15.88 0.30 0.00	16.92 0.33 0.00	20.56 0.48 0.00	23.70 0.51 0.00	24.18 0.19 0.00	21.85 0.30 0.00	21.77 0.24 0.00	20.49 0.20 0.00	19.61 0.31 0.00	20.00 0.39 0.00	20.69 0.35 0.00	21.85 0.39 0.00	21.88 0.30 0.00	22.93 0.36 0.00	24.38 0.43 0.00	27.43 1.00 0.00	25.26 0.88 0.00	25.12 0.80 0.00	22.26 0.73 0.00	22.07 0.58 0.00	20.69 0.60 0.00

PLEASANTVLY___LBMP 24000	21.81 0.92 -0.56	19.32 0.78 0.00	18.88 0.66 -2.07	18.52 0.64 -2.30	18.48 0.66 -1.22	20.84 0.76 0.00	24.10 0.90 0.00	24.95 0.96 0.00	25.02 0.95 -2.52	22.97 1.01 -0.43	21.16 0.87 0.00	20.60 0.87 -0.42	20.76 0.90 -0.25	22.20 0.94 -0.91	22.72 1.03 -0.23	23.89 1.10 -1.21	26.66 1.15 -2.94	33.97 1.17 -8.85	32.56 1.24 -4.89	30.77 1.12 -5.26	25.43 1.12 0.00	23.97 1.01 -1.42	22.80 0.99 -0.32	20.91 0.82 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	21.95 1.08 -0.53	19.43 0.89 0.00	18.88 0.78 -1.95	18.49 0.73 -2.17	18.53 0.78 -1.16	20.96 0.88 0.00	24.26 1.07 0.00	25.12 1.13 0.00	25.08 1.14 -2.38	23.16 1.23 -0.40	21.35 1.06 0.00	20.75 1.04 -0.40	20.94 1.10 -0.24	22.35 1.14 -0.86	22.97 1.29 -0.22	24.08 1.36 -1.15	26.77 1.42 -2.78	33.75 1.44 -8.37	32.56 1.51 -4.63	30.75 1.39 -4.98	25.68 1.36 0.00	24.10 1.23 -1.35	23.00 1.20 -0.31	21.09 1.00 0.00
PLSNTVLE_13_KV_13KVDSA_REV_LBMP_I 345020	21.95 1.08 -0.53	19.43 0.89 0.00	18.88 0.78 -1.95	18.49 0.73 -2.17	18.53 0.78 -1.16	20.96 0.88 0.00	24.26 1.07 0.00	25.12 1.13 0.00	25.08 1.14 -2.38	23.16 1.23 -0.40	21.35 1.06 0.00	20.75 1.04 -0.40	20.94 1.10 -0.24	22.35 1.14 -0.86	22.97 1.29 -0.22	24.08 1.36 -1.15	26.77 1.42 -2.78	33.75 1.44 -8.37	32.56 1.51 -4.63	30.75 1.39 -4.98	25.68 1.36 0.00	24.10 1.23 -1.35	23.00 1.20 -0.31	21.09 1.00 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	21.90 1.02 -0.54	19.39 0.85 0.00	18.88 0.73 -2.00	18.51 0.70 -2.22	18.52 0.75 -1.18	20.94 0.86 0.00	24.21 1.02 0.00	25.12 1.13 0.00	25.03 1.03 -2.44	23.02 1.08 -0.41	21.24 0.95 0.00	20.64 0.93 -0.41	20.79 0.94 -0.24	22.21 0.98 -0.88	22.76 1.07 -0.22	23.92 1.17 -1.17	26.61 1.20 -2.84	33.78 1.27 -8.57	32.56 1.40 -4.74	30.77 1.29 -5.09	25.58 1.26 0.00	24.03 1.12 -1.38	22.92 1.12 -0.31	21.03 0.94 0.00
POLETTI____ 23519	21.94 1.08 -0.52	19.41 0.87 0.00	18.85 0.78 -1.93	18.48 0.75 -2.14	18.51 0.78 -1.14	20.90 0.82 0.00	24.17 0.97 0.00	25.10 1.10 0.00	25.05 1.14 -2.36	23.18 1.25 -0.40	21.39 1.10 0.00	20.78 1.08 -0.39	20.96 1.12 -0.23	22.38 1.18 -0.85	23.01 1.33 -0.21	24.16 1.45 -1.13	26.80 1.49 -2.74	33.70 1.48 -8.27	32.53 1.53 -4.57	30.69 1.39 -4.92	25.68 1.36 0.00	24.13 1.27 -1.33	23.03 1.25 -0.30	21.11 1.02 0.00
POMONA___ESR 323819	21.81 0.98 -0.49	19.34 0.80 0.00	18.66 0.69 -1.82	18.26 0.65 -2.02	18.36 0.70 -1.08	20.80 0.72 0.00	24.17 0.97 0.00	25.02 1.03 0.00	24.78 1.01 -2.21	22.98 1.08 -0.38	21.26 0.97 0.00	20.60 0.93 -0.37	20.79 0.96 -0.22	22.15 1.00 -0.80	22.78 1.12 -0.20	23.85 1.21 -1.07	26.41 1.26 -2.58	33.01 1.29 -7.77	32.10 1.37 -4.30	30.22 1.22 -4.62	25.53 1.22 0.00	23.88 1.10 -1.25	22.84 1.07 -0.28	20.99 0.90 0.00
PORT_JEFF_3 23555	26.03 1.97 -3.72	20.19 1.65 0.00	19.37 1.29 -1.93	18.98 1.25 -2.14	19.01 1.28 -1.14	21.85 1.77 0.00	25.26 2.06 0.00	27.57 2.21 -1.37	26.50 2.20 -2.75	25.34 2.24 -1.57	28.36 1.81 -6.27	28.10 1.87 -6.93	28.37 1.90 -6.86	28.41 1.97 -6.09	28.93 2.15 -5.32	31.05 2.31 -7.16	43.90 2.37 -18.96	44.02 2.44 -17.64	41.65 2.62 -12.61	42.80 2.39 -16.03	41.58 2.36 -14.90	31.06 2.15 -7.37	27.19 2.28 -3.43	25.14 1.91 -3.15
PORT_JEFF_4 23616	26.03 1.97 -3.72	20.19 1.65 0.00	19.37 1.29 -1.93	18.98 1.25 -2.14	19.01 1.28 -1.14	21.85 1.77 0.00	25.26 2.06 0.00	27.57 2.21 -1.37	26.50 2.20 -2.75	25.34 2.24 -1.57	28.36 1.81 -6.27	28.10 1.87 -6.93	28.37 1.90 -6.86	28.41 1.97 -6.09	28.93 2.15 -5.32	31.05 2.31 -7.16	43.90 2.37 -18.96	44.02 2.44 -17.64	41.65 2.62 -12.61	42.80 2.39 -16.03	41.58 2.36 -14.90	31.06 2.15 -7.37	27.19 2.28 -3.43	25.14 1.91 -3.15
PORT_JEFF_IC 23713	26.07 2.01 -3.72	20.21 1.67 0.00	19.39 1.31 -1.93	18.99 1.26 -2.14	19.03 1.29 -1.14	21.89 1.81 0.00	25.28 2.09 0.00	27.59 2.23 -1.37	26.55 2.24 -2.75	25.41 2.30 -1.57	28.41 1.85 -6.27	28.14 1.91 -6.93	28.43 1.96 -6.86	28.45 2.01 -6.09	28.97 2.19 -5.32	31.08 2.35 -7.15	43.93 2.37 -18.99	43.97 2.39 -17.63	41.62 2.59 -12.60	42.83 2.36 -16.08	41.62 2.36 -14.95	31.14 2.22 -7.39	27.24 2.32 -3.43	25.18 1.95 -3.15
PPL PILGRIM_ST_GT1 24216	26.03 1.97 -3.72	20.17 1.63 0.00	19.36 1.28 -1.93	18.98 1.25 -2.14	19.01 1.28 -1.14	21.82 1.75 0.00	25.26 2.06 0.00	27.55 2.18 -1.37	26.46 2.15 -2.75	25.32 2.22 -1.57	28.36 1.81 -6.27	28.07 1.84 -6.93	28.35 1.88 -6.86	28.39 1.95 -6.09	28.89 2.10 -5.32	30.34 2.22 -6.54	38.49 2.33 -13.59	43.33 2.44 -16.95	40.73 2.62 -11.69	37.39 2.41 -10.59	36.92 2.31 -10.29	30.37 2.07 -6.77	27.15 2.23 -3.43	25.12 1.89 -3.15
PPL PILGRIM_ST_GT2 24217	26.03 1.97 -3.72	20.17 1.63 0.00	19.36 1.28 -1.93	18.98 1.25 -2.14	19.01 1.28 -1.14	21.82 1.75 0.00	25.26 2.06 0.00	27.55 2.18 -1.37	26.46 2.15 -2.75	25.32 2.22 -1.57	28.36 1.81 -6.27	28.07 1.84 -6.93	28.35 1.88 -6.86	28.39 1.95 -6.09	28.89 2.10 -5.32	30.34 2.22 -6.54	38.49 2.33 -13.59	43.33 2.44 -16.95	40.73 2.62 -11.69	37.39 2.41 -10.59	36.92 2.31 -10.29	30.37 2.07 -6.77	27.15 2.23 -3.43	25.12 1.89 -3.15
PPL_SHRM_GT3 24213	26.19 2.13 -3.72	20.34 1.80 0.00	19.48 1.40 -1.93	19.10 1.37 -2.14	19.14 1.41 -1.14	22.01 1.93 0.00	25.44 2.25 0.00	27.79 2.42 -1.37	26.68 2.37 -2.75	25.54 2.43 -1.57	28.53 1.97 -6.27	28.26 2.03 -6.93	28.55 2.08 -6.86	28.57 2.14 -6.09	29.10 2.32 -5.32	31.29 2.57 -7.14	44.05 2.62 -18.86	44.32 2.75 -17.62	42.00 2.99 -12.59	43.05 2.73 -15.94	41.79 2.65 -14.82	31.26 2.37 -7.36	27.39 2.47 -3.43	25.34 2.11 -3.15
PPL_SHRM_GT4 24214	26.19 2.13 -3.72	20.34 1.80 0.00	19.48 1.40 -1.93	19.10 1.37 -2.14	19.14 1.41 -1.14	22.01 1.93 0.00	25.44 2.25 0.00	27.79 2.42 -1.37	26.68 2.37 -2.75	25.54 2.43 -1.57	28.53 1.97 -6.27	28.26 2.03 -6.93	28.55 2.08 -6.86	28.57 2.14 -6.09	29.10 2.32 -5.32	31.29 2.57 -7.14	44.05 2.62 -18.86	44.32 2.75 -17.62	42.00 2.99 -12.59	43.05 2.73 -15.94	41.79 2.65 -14.82	31.26 2.37 -7.36	27.39 2.47 -3.43	25.34 2.11 -3.15
PROJECT___ORANGE 1 24174	20.22 -0.14 -0.03	18.45 -0.09 0.00	16.16 -0.10 -0.10	15.62 -0.08 -0.12	16.57 -0.08 -0.06	20.00 -0.08 0.00	23.24 0.05 0.00	24.04 0.05 0.00	21.66 -0.02 0.00	21.53 -0.02 0.00	20.23 -0.06 0.00	19.23 -0.10 -0.02	19.52 -0.10 -0.01	20.27 -0.12 -0.05	21.35 -0.13 -0.01	21.62 -0.02 -0.06	22.72 0.02 -0.12	24.33 0.02 -0.36	26.63 0.00 -0.20	24.62 0.02 -0.22	24.39 0.07 0.00	21.61 0.02 -0.06	21.46 -0.04 -0.01	20.09 0.00 0.00
PROJECT___ORANGE 2 24166	20.22 -0.14 -0.03	18.45 -0.09 0.00	16.16 -0.10 -0.10	15.62 -0.08 -0.12	16.57 -0.08 -0.06	20.00 -0.08 0.00	23.24 0.05 0.00	24.04 0.05 0.00	21.66 -0.02 0.00	21.53 -0.02 0.00	20.23 -0.06 0.00	19.23 -0.10 -0.02	19.52 -0.10 -0.01	20.27 -0.12 -0.05	21.35 -0.13 -0.01	21.62 -0.02 -0.06	22.72 0.02 -0.12	24.33 0.02 -0.36	26.63 0.00 -0.20	24.62 0.02 -0.22	24.39 0.07 0.00	21.61 0.02 -0.06	21.46 -0.04 -0.01	20.09 0.00 0.00

PUCKETT___SOLAR 323809	20.81 0.39 -0.09	18.98 0.44 0.00	16.77 0.29 -0.33	16.25 0.30 -0.37	17.10 0.31 -0.19	20.56 0.48 0.00	24.00 0.81 0.00	24.78 0.79 0.00	22.43 0.47 -0.40	21.99 0.39 -0.07	20.60 0.30 0.00	19.55 0.17 -0.07	19.81 0.16 -0.04	20.65 0.16 -0.15	21.69 0.19 -0.04	22.11 0.34 -0.19	23.49 0.47 -0.45	25.85 0.55 -1.35	27.83 0.66 -0.75	25.81 0.63 -0.80	25.07 0.75 0.00	22.29 0.54 -0.22	22.03 0.49 -0.05	20.63 0.54 0.00
PYRITES___HYD 24023	20.07 -0.26 0.00	18.24 -0.30 0.00	15.92 -0.23 0.00	15.34 -0.25 0.00	16.34 -0.25 0.00	19.86 -0.22 0.00	22.91 -0.28 0.00	23.70 -0.29 0.00	21.16 -0.39 0.00	21.01 -0.52 0.00	19.90 -0.39 0.00	18.86 -0.44 0.00	19.18 -0.43 0.00	19.94 -0.41 0.00	21.01 -0.45 0.00	21.12 -0.45 0.00	22.14 -0.43 0.00	23.52 -0.43 0.00	26.11 -0.32 0.00	24.06 -0.32 0.00	23.93 -0.39 0.00	21.16 -0.37 0.00	21.06 -0.43 0.00	19.82 -0.26 0.00
QUAKERRD_115KV_BK1 80622	19.82 -0.55 -0.03	18.11 -0.43 0.00	15.92 -0.36 -0.13	15.39 -0.34 -0.14	16.32 -0.35 -0.08	19.58 -0.50 0.00	22.84 -0.35 0.00	23.58 -0.41 0.00	21.36 -0.34 -0.16	21.19 -0.37 -0.03	19.88 -0.41 0.00	18.83 -0.50 -0.03	19.10 -0.53 -0.02	19.87 -0.53 -0.06	20.88 -0.60 -0.01	21.26 -0.39 -0.08	22.37 -0.36 -0.16	24.08 -0.34 -0.47	26.27 -0.42 -0.26	24.27 -0.39 -0.28	23.95 -0.36 0.00	21.24 -0.37 -0.08	20.99 -0.52 -0.02	19.80 -0.28 0.00
QUENSBRY_115KV_TB8 356137	22.40 1.38 -0.68	19.78 1.24 0.00	19.78 1.11 -2.52	19.44 1.06 -2.79	19.24 1.16 -1.49	21.60 1.53 0.00	25.16 1.97 0.00	26.03 2.04 0.00	26.37 1.75 -3.07	23.67 1.61 -0.52	21.63 1.34 0.00	21.17 1.35 -0.51	21.09 1.18 -0.30	22.66 1.20 -1.11	22.97 1.22 -0.28	24.33 1.27 -1.48	27.53 1.38 -3.57	36.29 1.56 -10.78	34.21 1.82 -5.96	32.50 1.71 -6.41	26.04 1.73 0.00	24.88 1.61 -1.74	23.41 1.53 -0.39	21.45 1.37 0.00
RAMAPO___LBMP 323565	21.74 0.92 -0.49	19.28 0.74 0.00	18.58 0.63 -1.81	18.20 0.61 -2.00	18.31 0.65 -1.07	20.80 0.72 0.00	24.10 0.90 0.00	24.93 0.94 0.00	24.70 0.95 -2.20	22.94 1.03 -0.37	21.18 0.89 0.00	20.54 0.87 -0.37	20.73 0.90 -0.22	22.08 0.94 -0.80	22.72 1.05 -0.20	23.78 1.14 -1.06	26.33 1.20 -2.56	32.87 1.20 -7.73	31.97 1.27 -4.27	30.12 1.15 -4.60	25.46 1.14 0.00	23.81 1.03 -1.24	22.78 1.01 -0.28	20.91 0.82 0.00
RANKINE___ 23646	20.06 -0.33 -0.05	18.65 0.11 0.00	16.16 -0.16 -0.17	15.66 -0.11 -0.19	16.54 -0.15 -0.10	20.08 0.00 0.00	23.47 0.28 0.00	24.06 0.07 0.00	21.61 -0.15 -0.21	21.67 0.11 -0.03	20.35 0.06 0.00	19.17 -0.17 -0.03	19.41 -0.22 -0.02	20.05 -0.37 -0.07	21.23 -0.26 -0.02	21.50 -0.17 -0.10	22.66 -0.14 -0.22	24.57 -0.05 -0.67	26.56 -0.24 -0.37	24.61 -0.17 -0.40	24.46 0.15 0.00	21.44 -0.19 -0.11	21.36 -0.15 -0.02	20.43 0.34 0.00
RAVENSWOOD_GT2_1 24244	21.98 1.12 -0.52	19.43 0.89 0.00	18.87 0.79 -1.93	18.48 0.75 -2.14	18.53 0.80 -1.14	20.94 0.86 0.00	24.21 1.02 0.00	25.12 1.13 0.00	25.09 1.19 -2.36	23.22 1.29 -0.40	21.41 1.12 0.00	20.80 1.10 -0.39	20.98 1.14 -0.23	22.40 1.20 -0.85	23.01 1.33 -0.21	24.16 1.45 -1.13	26.83 1.51 -2.74	33.75 1.53 -8.27	32.58 1.59 -4.57	30.73 1.44 -4.92	25.70 1.39 0.00	24.13 1.27 -1.33	23.06 1.27 -0.30	21.15 1.06 0.00
RAVENSWOOD_GT2_2 24245	21.98 1.12 -0.52	19.43 0.89 0.00	18.87 0.79 -1.93	18.48 0.75 -2.14	18.53 0.80 -1.14	20.94 0.86 0.00	24.21 1.02 0.00	25.12 1.13 0.00	25.09 1.19 -2.36	23.22 1.29 -0.40	21.41 1.12 0.00	20.80 1.10 -0.39	20.98 1.14 -0.23	22.40 1.20 -0.85	23.01 1.33 -0.21	24.16 1.45 -1.13	26.83 1.51 -2.74	33.75 1.53 -8.27	32.58 1.59 -4.57	30.73 1.44 -4.92	25.70 1.39 0.00	24.13 1.27 -1.33	23.06 1.27 -0.30	21.15 1.06 0.00
RAVENSWOOD_GT2_3 24246	21.98 1.12 -0.52	19.43 0.89 0.00	18.87 0.79 -1.93	18.48 0.75 -2.14	18.53 0.80 -1.14	20.94 0.86 0.00	24.21 1.02 0.00	25.14 1.15 0.00	25.09 1.19 -2.36	23.22 1.29 -0.40	21.43 1.14 0.00	20.82 1.12 -0.39	21.00 1.16 -0.23	22.40 1.20 -0.85	23.03 1.35 -0.21	24.18 1.47 -1.13	26.83 1.51 -2.74	33.75 1.53 -8.27	32.58 1.59 -4.57	30.73 1.44 -4.92	25.70 1.39 0.00	24.15 1.29 -1.33	23.08 1.29 -0.30	21.15 1.06 0.00
RAVENSWOOD_GT2_4 24247	21.98 1.12 -0.52	19.43 0.89 0.00	18.87 0.79 -1.93	18.48 0.75 -2.14	18.53 0.80 -1.14	20.94 0.86 0.00	24.21 1.02 0.00	25.14 1.15 0.00	25.09 1.19 -2.36	23.22 1.29 -0.40	21.43 1.14 0.00	20.82 1.12 -0.39	21.00 1.16 -0.23	22.40 1.20 -0.85	23.03 1.35 -0.21	24.18 1.47 -1.13	26.83 1.51 -2.74	33.75 1.53 -8.27	32.58 1.59 -4.57	30.73 1.44 -4.92	25.70 1.39 0.00	24.15 1.29 -1.33	23.08 1.29 -0.30	21.15 1.06 0.00
RAVENSWOOD_GT3_1 24248	21.98 1.12 -0.52	19.43 0.89 0.00	18.87 0.79 -1.93	18.48 0.75 -2.14	18.53 0.80 -1.14	20.94 0.86 0.00	24.21 1.02 0.00	25.12 1.13 0.00	25.09 1.19 -2.36	23.22 1.29 -0.40	21.41 1.12 0.00	20.80 1.10 -0.39	20.98 1.14 -0.23	22.40 1.20 -0.85	23.01 1.33 -0.21	24.16 1.45 -1.13	26.83 1.51 -2.74	33.75 1.53 -8.27	32.58 1.59 -4.57	30.73 1.44 -4.92	25.70 1.39 0.00	24.13 1.27 -1.33	23.06 1.27 -0.30	21.15 1.06 0.00
RAVENSWOOD_GT3_2 24249	21.98 1.12 -0.52	19.43 0.89 0.00	18.87 0.79 -1.93	18.48 0.75 -2.14	18.53 0.80 -1.14	20.94 0.86 0.00	24.21 1.02 0.00	25.12 1.13 0.00	25.09 1.19 -2.36	23.22 1.29 -0.40	21.41 1.12 0.00	20.80 1.10 -0.39	20.98 1.14 -0.23	22.40 1.20 -0.85	23.01 1.33 -0.21	24.16 1.45 -1.13	26.83 1.51 -2.74	33.75 1.53 -8.27	32.58 1.59 -4.57	30.73 1.44 -4.92	25.70 1.39 0.00	24.13 1.27 -1.33	23.06 1.27 -0.30	21.15 1.06 0.00
RAVENSWOOD_GT3_3 24250	22.00 1.14 -0.52	19.45 0.91 0.00	18.89 0.81 -1.93	18.49 0.76 -2.14	18.55 0.81 -1.14	20.96 0.88 0.00	24.24 1.04 0.00	25.14 1.15 0.00	25.11 1.21 -2.36	23.24 1.31 -0.40	21.45 1.16 0.00	20.84 1.14 -0.39	21.02 1.18 -0.23	22.42 1.22 -0.85	23.05 1.37 -0.21	24.20 1.49 -1.13	26.87 1.56 -2.74	33.77 1.56 -8.27	32.61 1.61 -4.57	30.76 1.46 -4.92	25.73 1.41 0.00	24.17 1.31 -1.33	23.10 1.31 -0.30	21.17 1.08 0.00
RAVENSWOOD_GT3_4 24251	22.00 1.14 -0.52	19.45 0.91 0.00	18.89 0.81 -1.93	18.49 0.76 -2.14	18.55 0.81 -1.14	20.96 0.88 0.00	24.24 1.04 0.00	25.14 1.15 0.00	25.11 1.21 -2.36	23.24 1.31 -0.40	21.45 1.16 0.00	20.84 1.14 -0.39	21.02 1.18 -0.23	22.42 1.22 -0.85	23.05 1.37 -0.21	24.20 1.49 -1.13	26.87 1.56 -2.74	33.77 1.56 -8.27	32.61 1.61 -4.57	30.76 1.46 -4.92	25.73 1.41 0.00	24.17 1.31 -1.33	23.10 1.31 -0.30	21.17 1.08 0.00
RAVENSWOOD_GT_1 23729	22.02 1.16 -0.52	19.43 0.89 0.00	18.89 0.81 -1.93	18.48 0.75 -2.14	18.53 0.80 -1.14	20.84 0.76 0.00	24.14 0.95 0.00	25.12 1.13 0.00	25.11 1.21 -2.36	23.24 1.31 -0.40	21.45 1.16 0.00	20.86 1.16 -0.39	21.04 1.20 -0.23	22.44 1.24 -0.85	23.05 1.37 -0.21	24.16 1.45 -1.13	26.87 1.56 -2.74	33.79 1.58 -8.27	32.61 1.61 -4.57	30.76 1.46 -4.92	25.68 1.36 0.00	24.17 1.31 -1.33	23.12 1.33 -0.30	21.21 1.12 0.00



RAVENSWOOD_GT_10 24258	21.98 1.12 -0.52	19.43 0.89 0.00	18.87 0.79 -1.93	18.48 0.75 -2.14	18.53 0.80 -1.14	20.94 0.86 0.00	24.21 1.02 0.00	25.12 1.13 0.00	25.09 1.19 -2.36	23.22 1.29 -0.40	21.41 1.12 0.00	20.80 1.10 -0.39	20.98 1.14 -0.23	22.40 1.20 -0.85	23.01 1.33 -0.21	24.16 1.45 -1.13	26.83 1.51 -2.74	33.75 1.53 -8.27	32.58 1.59 -4.57	30.73 1.44 -4.92	25.70 1.39 0.00	24.15 1.29 -1.33	23.06 1.27 -0.30	21.15 1.06 0.00
RAVENSWOOD_GT_11 24259	21.98 1.12 -0.52	19.43 0.89 0.00	18.87 0.79 -1.93	18.48 0.75 -2.14	18.53 0.80 -1.14	20.88 0.80 0.00	24.21 1.02 0.00	25.12 1.13 0.00	25.09 1.18 -2.36	23.20 1.27 -0.40	21.41 1.12 0.00	20.80 1.10 -0.39	20.98 1.14 -0.23	22.40 1.20 -0.85	23.01 1.33 -0.21	24.13 1.42 -1.13	26.83 1.51 -2.74	33.75 1.53 -8.27	32.58 1.59 -4.57	30.73 1.44 -4.92	25.70 1.39 0.00	24.15 1.29 -1.33	23.06 1.27 -0.30	21.13 1.04 0.00
RAVENSWOOD_GT_4 24252	21.98 1.12 -0.52	19.43 0.89 0.00	18.87 0.79 -1.93	18.48 0.75 -2.14	18.53 0.80 -1.14	20.94 0.86 0.00	24.24 1.04 0.00	25.14 1.15 0.00	25.09 1.19 -2.36	23.22 1.29 -0.40	21.41 1.12 0.00	20.80 1.10 -0.39	20.98 1.14 -0.23	22.40 1.20 -0.85	23.01 1.33 -0.21	24.16 1.45 -1.13	26.83 1.51 -2.74	33.75 1.53 -8.27	32.58 1.59 -4.57	30.73 1.44 -4.92	25.70 1.39 0.00	24.15 1.29 -1.33	23.06 1.27 -0.30	21.13 1.04 0.00
RAVENSWOOD_GT_5 24254	21.98 1.12 -0.52	19.43 0.89 0.00	18.87 0.79 -1.93	18.48 0.75 -2.14	18.53 0.80 -1.14	20.94 0.86 0.00	24.24 1.04 0.00	25.14 1.15 0.00	25.09 1.19 -2.36	23.22 1.29 -0.40	21.41 1.12 0.00	20.80 1.10 -0.39	20.98 1.14 -0.23	22.40 1.20 -0.85	23.01 1.33 -0.21	24.16 1.45 -1.13	26.83 1.51 -2.74	33.75 1.53 -8.27	32.58 1.59 -4.57	30.73 1.44 -4.92	25.70 1.39 0.00	24.15 1.29 -1.33	23.06 1.27 -0.30	21.13 1.04 0.00
RAVENSWOOD_GT_6 24253	21.98 1.12 -0.52	19.43 0.89 0.00	18.87 0.79 -1.93	18.48 0.75 -2.14	18.53 0.80 -1.14	20.94 0.86 0.00	24.24 1.04 0.00	25.14 1.15 0.00	25.09 1.19 -2.36	23.22 1.29 -0.40	21.41 1.12 0.00	20.80 1.10 -0.39	20.98 1.14 -0.23	22.40 1.20 -0.85	23.01 1.33 -0.21	24.16 1.45 -1.13	26.83 1.51 -2.74	33.75 1.53 -8.27	32.58 1.59 -4.57	30.73 1.44 -4.92	25.70 1.39 0.00	24.15 1.29 -1.33	23.06 1.27 -0.30	21.13 1.04 0.00
RAVENSWOOD_GT_7 24255	21.98 1.12 -0.52	19.43 0.89 0.00	18.87 0.79 -1.93	18.48 0.75 -2.14	18.53 0.80 -1.14	20.94 0.86 0.00	24.24 1.04 0.00	25.14 1.15 0.00	25.09 1.19 -2.36	23.22 1.29 -0.40	21.41 1.12 0.00	20.80 1.10 -0.39	20.98 1.14 -0.23	22.40 1.20 -0.85	23.01 1.33 -0.21	24.16 1.45 -1.13	26.83 1.51 -2.74	33.75 1.53 -8.27	32.58 1.59 -4.57	30.73 1.44 -4.92	25.70 1.39 0.00	24.15 1.29 -1.33	23.06 1.27 -0.30	21.13 1.04 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	21.98 1.12 -0.52	19.43 0.89 0.00	18.87 0.79 -1.93	18.48 0.75 -2.14	18.53 0.80 -1.14	20.94 0.86 0.00	24.21 1.02 0.00	25.12 1.13 0.00	25.09 1.19 -2.36	23.22 1.29 -0.40	21.41 1.12 0.00	20.80 1.10 -0.39	20.98 1.14 -0.23	22.40 1.20 -0.85	23.01 1.33 -0.21	24.16 1.45 -1.13	26.83 1.51 -2.74	33.75 1.53 -8.27	32.58 1.59 -4.57	30.73 1.44 -4.92	25.70 1.39 0.00	24.15 1.29 -1.33	23.06 1.27 -0.30	21.15 1.06 0.00
RAVENSWOOD_GT_9 24257	21.98 1.12 -0.52	19.43 0.89 0.00	18.87 0.79 -1.93	18.48 0.75 -2.14	18.53 0.80 -1.14	20.94 0.86 0.00	24.21 1.02 0.00	25.12 1.13 0.00	25.09 1.19 -2.36	23.22 1.29 -0.40	21.41 1.12 0.00	20.80 1.10 -0.39	20.98 1.14 -0.23	22.40 1.20 -0.85	23.01 1.33 -0.21	24.16 1.45 -1.13	26.83 1.51 -2.74	33.75 1.53 -8.27	32.58 1.59 -4.57	30.73 1.44 -4.92	25.70 1.39 0.00	24.15 1.29 -1.33	23.06 1.27 -0.30	21.15 1.06 0.00
RAVENSWOOD___1 23533	22.00 1.14 -0.52	19.41 0.87 0.00	18.87 0.79 -1.93	18.46 0.73 -2.14	18.51 0.78 -1.14	20.84 0.76 0.00	24.14 0.95 0.00	25.10 1.10 0.00	25.09 1.18 -2.36	23.22 1.29 -0.40	21.45 1.16 0.00	20.86 1.16 -0.39	21.02 1.18 -0.23	22.44 1.24 -0.85	23.05 1.37 -0.21	24.16 1.45 -1.13	26.87 1.56 -2.74	33.79 1.58 -8.27	32.58 1.59 -4.57	30.73 1.44 -4.92	25.68 1.36 0.00	24.15 1.29 -1.33	23.10 1.31 -0.30	21.19 1.10 0.00
RAVENSWOOD___2 23534	22.00 1.14 -0.52	19.41 0.87 0.00	18.87 0.79 -1.93	18.46 0.73 -2.14	18.51 0.78 -1.14	20.84 0.76 0.00	24.12 0.93 0.00	25.10 1.10 0.00	25.09 1.18 -2.36	23.22 1.29 -0.40	21.43 1.14 0.00	20.84 1.14 -0.39	21.02 1.18 -0.23	22.42 1.22 -0.85	23.03 1.35 -0.21	24.13 1.42 -1.13	26.85 1.54 -2.74	33.77 1.56 -8.27	32.58 1.59 -4.57	30.73 1.44 -4.92	25.65 1.34 0.00	24.15 1.29 -1.33	23.10 1.31 -0.30	21.19 1.10 0.00
RAVENSWOOD___3 23535	21.98 1.12 -0.52	19.43 0.89 0.00	18.87 0.79 -1.93	18.48 0.75 -2.14	18.53 0.80 -1.14	20.88 0.80 0.00	24.21 1.02 0.00	25.12 1.13 0.00	25.09 1.18 -2.36	23.20 1.27 -0.40	21.41 1.12 0.00	20.80 1.10 -0.39	20.98 1.14 -0.23	22.40 1.20 -0.85	23.01 1.33 -0.21	24.13 1.42 -1.13	26.83 1.51 -2.74	33.75 1.53 -8.27	32.58 1.59 -4.57	30.73 1.44 -4.92	25.70 1.39 0.00	24.15 1.29 -1.33	23.06 1.27 -0.30	21.15 1.06 0.00
RAVENSWOOD___4 23820	22.00 1.14 -0.52	19.41 0.87 0.00	18.87 0.79 -1.93	18.46 0.73 -2.14	18.51 0.78 -1.14	20.82 0.74 0.00	24.12 0.93 0.00	25.07 1.08 0.00	25.07 1.16 -2.36	23.22 1.29 -0.40	21.43 1.14 0.00	20.84 1.14 -0.39	21.00 1.16 -0.23	22.42 1.22 -0.85	23.03 1.35 -0.21	24.13 1.42 -1.13	26.85 1.54 -2.74	33.77 1.56 -8.27	32.58 1.59 -4.57	30.71 1.41 -4.92	25.65 1.34 0.00	24.13 1.27 -1.33	23.10 1.31 -0.30	21.19 1.10 0.00
RCPL_TRUST___DRP 24196	22.00 1.14 -0.52	19.45 0.91 0.00	18.89 0.81 -1.93	18.49 0.76 -2.14	18.55 0.81 -1.14	20.96 0.88 0.00	24.24 1.04 0.00	25.14 1.15 0.00	25.11 1.21 -2.36	23.24 1.31 -0.40	21.45 1.16 0.00	20.84 1.14 -0.39	21.00 1.16 -0.23	22.42 1.22 -0.85	23.05 1.37 -0.21	24.20 1.49 -1.13	26.87 1.56 -2.74	33.77 1.56 -8.27	32.61 1.61 -4.57	30.76 1.46 -4.92	25.73 1.41 0.00	24.17 1.31 -1.33	23.08 1.29 -0.30	21.15 1.06 0.00
RED___ROCHESTER 323720	20.41 0.04 -0.04	18.71 0.17 0.00	16.41 0.13 -0.13	15.86 0.12 -0.15	16.80 0.13 -0.08	20.28 0.20 0.00	23.59 0.39 0.00	24.38 0.38 0.00	22.06 0.34 -0.16	21.82 0.26 -0.03	20.51 0.22 0.00	19.45 0.12 -0.03	19.70 0.08 -0.02	20.51 0.10 -0.06	21.54 0.06 -0.01	21.89 0.24 -0.08	23.12 0.38 -0.16	24.91 0.48 -0.49	27.17 0.48 -0.27	25.11 0.44 -0.29	24.80 0.49 0.00	21.97 0.37 -0.08	21.67 0.17 -0.02	20.47 0.38 0.00
REGAN___SOLAR 323812	22.63 1.61 -0.69	19.99 1.45 0.00	19.99 1.31 -2.53	19.63 1.23 -2.81	19.45 1.36 -1.50	21.69 1.61 0.00	25.63 2.43 0.00	26.49 2.50 0.00	26.45 1.81 -3.09	23.54 1.48 -0.52	21.71 1.42 0.00	20.96 1.14 -0.52	21.03 1.12 -0.31	22.69 1.22 -1.12	23.10 1.35 -0.28	24.75 1.68 -1.49	28.07 1.90 -3.60	36.97 2.18 -10.85	34.99 2.56 -6.00	33.19 2.36 -6.45	26.72 2.41 0.00	25.36 2.09 -1.75	23.82 1.93 -0.40	21.83 1.75 0.00

RENSSELAER___COGEN 23796	21.41 0.41 -0.67	18.97 0.43 0.00	18.99 0.37 -2.47	18.70 0.37 -2.74	18.45 0.40 -1.46	20.50 0.42 0.00	23.75 0.56 0.00	24.62 0.62 0.00	25.06 0.50 -3.01	22.49 0.45 -0.51	20.70 0.41 0.00	20.23 0.42 -0.50	20.34 0.43 -0.30	21.88 0.45 -1.09	22.19 0.45 -0.27	23.46 0.43 -1.45	26.51 0.43 -3.51	35.00 0.48 -10.58	32.83 0.56 -5.85	31.18 0.51 -6.29	24.80 0.49 0.00	23.66 0.43 -1.70	22.32 0.45 -0.39	20.43 0.34 0.00
REPUBLIC_115KV_BARTNBRK 55605	23.28 2.26 -0.68	20.58 2.04 0.00	20.49 1.82 -2.52	20.09 1.71 -2.79	19.99 1.91 -1.49	22.63 2.55 0.00	26.51 3.32 0.00	27.38 3.38 0.00	27.49 2.87 -3.07	24.63 2.58 -0.52	22.52 2.23 0.00	21.94 2.12 -0.51	21.86 1.94 -0.30	23.35 1.89 -1.11	23.70 1.95 -0.28	25.19 2.14 -1.48	28.47 2.33 -3.57	37.36 2.63 -10.78	35.45 3.07 -5.96	33.79 3.00 -6.41	27.40 3.09 0.00	25.96 2.69 -1.73	24.44 2.56 -0.39	22.38 2.29 0.00
REVERE_CPPR_DRP 24186	20.88 0.53 -0.02	19.02 0.48 0.00	16.61 0.40 -0.06	16.04 0.39 -0.06	17.06 0.43 -0.03	20.70 0.62 0.00	24.12 0.93 0.00	25.00 1.01 0.00	22.27 0.65 -0.07	22.08 0.54 -0.01	20.80 0.51 0.00	19.67 0.35 -0.01	19.93 0.31 -0.01	20.78 0.41 -0.03	21.84 0.36 -0.01	22.17 0.56 -0.03	23.25 0.61 -0.07	24.78 0.62 -0.21	27.28 0.74 -0.12	25.21 0.71 -0.12	25.05 0.73 0.00	22.12 0.56 -0.03	22.01 0.52 -0.01	20.65 0.56 0.00
REYNOLDS_115KV_TB3 80639	21.60 0.59 -0.67	19.10 0.56 0.00	19.10 0.48 -2.47	18.79 0.47 -2.74	18.57 0.51 -1.46	20.66 0.58 0.00	23.91 0.72 0.00	24.76 0.77 0.00	25.21 0.65 -3.01	22.64 0.60 -0.51	20.84 0.55 0.00	20.37 0.56 -0.50	20.48 0.57 -0.30	22.01 0.57 -1.09	22.34 0.60 -0.27	23.61 0.58 -1.45	26.67 0.59 -3.51	35.17 0.65 -10.57	32.99 0.71 -5.85	31.33 0.66 -6.29	24.97 0.66 0.00	23.79 0.56 -1.70	22.45 0.58 -0.39	20.55 0.46 0.00
RIVERBAY____ 323610	22.22 1.36 -0.52	19.56 1.02 0.00	19.05 0.97 -1.93	18.59 0.86 -2.14	18.65 0.91 -1.14	21.02 0.94 0.00	24.26 1.07 0.00	25.26 1.27 0.00	25.14 1.23 -2.36	23.26 1.33 -0.40	21.55 1.26 0.00	20.88 1.18 -0.39	21.04 1.20 -0.23	22.44 1.24 -0.85	23.07 1.40 -0.21	24.20 1.49 -1.13	26.92 1.60 -2.74	33.80 1.58 -8.27	32.61 1.61 -4.57	30.76 1.46 -4.92	25.68 1.36 0.00	24.20 1.33 -1.33	23.16 1.38 -0.30	21.37 1.29 0.00
RIVERSDE_115KV_TB3 55908	21.52 0.51 -0.67	19.04 0.50 0.00	19.06 0.44 -2.47	18.77 0.44 -2.75	18.52 0.46 -1.46	20.60 0.52 0.00	23.84 0.65 0.00	24.71 0.72 0.00	25.15 0.58 -3.02	22.58 0.54 -0.51	20.78 0.49 0.00	20.31 0.50 -0.50	20.42 0.51 -0.30	21.97 0.53 -1.09	22.27 0.54 -0.27	23.55 0.52 -1.45	26.63 0.54 -3.51	35.12 0.57 -10.60	32.95 0.66 -5.86	31.29 0.61 -6.30	24.92 0.61 0.00	23.73 0.50 -1.71	22.39 0.52 -0.39	20.49 0.40 0.00
ROARING___BROOK_WT_PWR 323790	20.34 0.00 0.00	18.54 0.00 0.00	16.15 0.00 0.00	15.59 0.00 0.00	16.59 0.00 0.00	20.08 0.00 0.00	23.24 0.05 0.00	24.04 0.05 0.00	21.59 0.04 0.00	21.55 0.02 0.00	20.31 0.02 0.00	19.33 0.02 0.00	19.63 0.02 0.00	20.37 0.02 0.00	21.49 0.02 0.00	21.62 0.04 0.00	22.57 0.00 0.00	23.92 -0.02 0.00	26.35 -0.08 0.00	24.24 -0.15 0.00	24.12 -0.20 0.00	21.32 -0.22 0.00	21.27 -0.21 0.00	19.88 -0.20 0.00
ROCHESRG_115KV_T4 355643	20.21 -0.16 -0.04	18.52 -0.02 0.00	16.26 -0.02 -0.13	15.73 0.00 -0.15	16.65 -0.02 -0.08	20.00 -0.08 0.00	23.33 0.14 0.00	24.06 0.07 0.00	21.80 0.09 -0.16	21.64 0.09 -0.03	20.29 0.00 0.00	19.22 -0.12 -0.03	19.47 -0.16 -0.02	20.28 -0.12 -0.06	21.31 -0.17 -0.01	21.72 0.06 -0.08	22.82 0.09 -0.16	24.60 0.17 -0.49	26.80 0.11 -0.27	24.79 0.12 -0.29	24.46 0.15 0.00	21.67 0.06 -0.08	21.42 -0.09 -0.02	20.27 0.18 0.00
ROCHESTER_9_IC 23652	20.33 -0.04 -0.04	18.61 0.07 0.00	16.34 0.06 -0.13	15.81 0.08 -0.15	16.75 0.08 -0.08	20.10 0.02 0.00	23.47 0.28 0.00	24.21 0.22 0.00	21.95 0.24 -0.16	21.79 0.24 -0.03	20.43 0.14 0.00	19.33 0.00 -0.03	19.61 -0.02 -0.02	20.40 0.00 -0.06	21.44 -0.04 -0.01	21.85 0.19 -0.08	22.98 0.25 -0.16	24.77 0.34 -0.49	26.99 0.29 -0.27	24.96 0.29 -0.29	24.66 0.34 0.00	21.82 0.22 -0.08	21.57 0.06 -0.02	20.37 0.28 0.00
ROCKVIEW_13_KV_LD 356306	22.02 1.16 -0.52	19.49 0.95 0.00	18.90 0.82 -1.93	18.51 0.78 -2.14	18.56 0.83 -1.14	21.02 0.94 0.00	24.33 1.14 0.00	25.22 1.22 0.00	25.14 1.23 -2.35	23.26 1.33 -0.40	21.45 1.16 0.00	20.84 1.14 -0.39	21.04 1.20 -0.23	22.44 1.24 -0.85	23.07 1.40 -0.21	24.18 1.47 -1.13	26.85 1.53 -2.74	33.77 1.56 -8.27	32.64 1.64 -4.57	30.78 1.49 -4.92	25.77 1.46 0.00	24.20 1.33 -1.33	23.10 1.31 -0.30	21.17 1.08 0.00
ROME____115KV_TB2 80656	20.88 0.53 -0.02	19.02 0.48 0.00	16.61 0.40 -0.06	16.04 0.39 -0.06	17.06 0.43 -0.03	20.70 0.62 0.00	24.12 0.93 0.00	25.00 1.01 0.00	22.27 0.65 -0.07	22.08 0.54 -0.01	20.80 0.51 0.00	19.67 0.35 -0.01	19.93 0.31 -0.01	20.78 0.41 -0.03	21.84 0.36 -0.01	22.17 0.56 -0.03	23.25 0.61 -0.07	24.78 0.62 -0.21	27.28 0.74 -0.12	25.21 0.71 -0.12	25.05 0.73 0.00	22.12 0.56 -0.03	22.01 0.52 -0.01	20.65 0.56 0.00
ROSETON___1 23587	21.76 0.89 -0.53	19.28 0.74 0.00	18.73 0.65 -1.93	18.36 0.62 -2.15	18.38 0.65 -1.14	20.78 0.70 0.00	24.07 0.88 0.00	24.93 0.93 0.00	24.84 0.93 -2.36	22.92 0.99 -0.40	21.14 0.85 0.00	20.55 0.85 -0.39	20.73 0.88 -0.23	22.12 0.92 -0.85	22.69 1.01 -0.21	23.79 1.08 -1.13	26.45 1.13 -2.74	33.37 1.15 -8.28	32.22 1.22 -4.58	30.40 1.10 -4.92	25.41 1.10 0.00	23.85 0.99 -1.33	22.76 0.97 -0.30	20.89 0.80 0.00
ROSETON___2 23588	21.76 0.89 -0.53	19.28 0.74 0.00	18.73 0.65 -1.93	18.36 0.62 -2.15	18.38 0.65 -1.14	20.78 0.70 0.00	24.07 0.88 0.00	24.93 0.93 0.00	24.84 0.93 -2.36	22.92 0.99 -0.40	21.14 0.85 0.00	20.55 0.85 -0.39	20.73 0.88 -0.23	22.12 0.92 -0.85	22.69 1.01 -0.21	23.79 1.08 -1.13	26.45 1.13 -2.74	33.37 1.15 -8.28	32.22 1.22 -4.58	30.40 1.10 -4.92	25.41 1.10 0.00	23.85 0.99 -1.33	22.76 0.97 -0.30	20.89 0.80 0.00
ROTTRDAM_115KV_TB3 80664	21.82 0.79 -0.69	19.25 0.70 0.00	19.31 0.63 -2.53	19.01 0.61 -2.81	18.74 0.65 -1.50	20.88 0.80 0.00	24.14 0.95 0.00	25.00 1.01 0.00	25.50 0.86 -3.09	22.89 0.84 -0.52	21.02 0.73 0.00	20.54 0.71 -0.52	20.62 0.71 -0.31	22.20 0.73 -1.12	22.52 0.77 -0.28	23.88 0.82 -1.49	27.03 0.86 -3.60	35.73 0.93 -10.85	33.48 1.06 -6.00	31.81 0.98 -6.45	25.29 0.97 0.00	24.14 0.86 -1.75	22.72 0.84 -0.40	20.81 0.72 0.00
RUSSELL___1 23602	20.41 0.04 -0.04	18.71 0.17 0.00	16.41 0.13 -0.13	15.86 0.12 -0.15	16.80 0.13 -0.08	20.18 0.10 0.00	23.59 0.39 0.00	24.33 0.34 0.00	22.06 0.34 -0.16	21.90 0.34 -0.03	20.51 0.22 0.00	19.43 0.10 -0.03	19.70 0.08 -0.02	20.51 0.10 -0.06	21.57 0.09 -0.01	21.98 0.32 -0.08	23.12 0.38 -0.16	24.91 0.48 -0.49	27.17 0.48 -0.27	25.11 0.44 -0.29	24.80 0.49 0.00	21.95 0.34 -0.08	21.68 0.17 -0.02	20.47 0.38 0.00

RUSSELL___2 23532	20.41 0.04 -0.04	18.71 0.17 0.00	16.41 0.13 -0.13	15.86 0.12 -0.15	16.80 0.13 -0.08	20.18 0.10 0.00	23.59 0.39 0.00	24.33 0.34 0.00	22.06 0.34 -0.16	21.90 0.34 -0.03	20.51 0.22 0.00	19.43 0.10 -0.03	19.70 0.08 -0.02	20.51 0.10 -0.06	21.57 0.09 -0.01	21.98 0.32 -0.08	23.12 0.38 -0.16	24.91 0.48 -0.49	27.17 0.48 -0.27	25.11 0.44 -0.29	24.80 0.49 0.00	21.95 0.34 -0.08	21.68 0.17 -0.02	20.47 0.38 0.00
RUSSELL___3 23549	20.41 0.04 -0.04	18.71 0.17 0.00	16.41 0.13 -0.13	15.86 0.12 -0.15	16.80 0.13 -0.08	20.18 0.10 0.00	23.59 0.39 0.00	24.33 0.34 0.00	22.06 0.34 -0.16	21.90 0.34 -0.03	20.51 0.22 0.00	19.43 0.10 -0.03	19.70 0.08 -0.02	20.51 0.10 -0.06	21.57 0.09 -0.01	21.98 0.32 -0.08	23.12 0.38 -0.16	24.91 0.48 -0.49	27.17 0.48 -0.27	25.11 0.44 -0.29	24.80 0.49 0.00	21.95 0.34 -0.08	21.68 0.17 -0.02	20.47 0.38 0.00
RUSSELL___4 23556	20.41 0.04 -0.04	18.71 0.17 0.00	16.41 0.13 -0.13	15.86 0.12 -0.15	16.80 0.13 -0.08	20.18 0.10 0.00	23.59 0.39 0.00	24.33 0.34 0.00	22.06 0.34 -0.16	21.90 0.34 -0.03	20.51 0.22 0.00	19.43 0.10 -0.03	19.70 0.08 -0.02	20.51 0.10 -0.06	21.57 0.09 -0.01	21.98 0.32 -0.08	23.12 0.38 -0.16	24.91 0.48 -0.49	27.17 0.48 -0.27	25.11 0.44 -0.29	24.80 0.49 0.00	21.95 0.34 -0.08	21.68 0.17 -0.02	20.47 0.38 0.00
RUSSELL___STATION 23914	20.41 0.04 -0.04	18.71 0.17 0.00	16.41 0.13 -0.13	15.86 0.12 -0.15	16.80 0.13 -0.08	20.18 0.10 0.00	23.59 0.39 0.00	24.33 0.34 0.00	22.06 0.34 -0.16	21.90 0.34 -0.03	20.51 0.22 0.00	19.43 0.10 -0.03	19.70 0.08 -0.02	20.51 0.10 -0.06	21.57 0.09 -0.01	21.98 0.32 -0.08	23.12 0.38 -0.16	24.91 0.48 -0.49	27.17 0.48 -0.27	25.11 0.44 -0.29	24.80 0.49 0.00	21.95 0.34 -0.08	21.68 0.17 -0.02	20.47 0.38 0.00
S SALMON___HYD 24043	20.42 0.06 -0.02	18.63 0.09 0.00	16.30 0.06 -0.09	15.76 0.08 -0.10	16.73 0.08 -0.05	20.28 0.20 0.00	23.61 0.42 0.00	24.45 0.45 0.00	21.94 0.28 -0.11	21.72 0.17 -0.02	20.41 0.12 0.00	19.40 0.08 -0.02	19.66 0.04 -0.01	20.43 0.04 -0.04	21.47 0.00 -0.01	21.72 0.09 -0.05	22.83 0.16 -0.10	24.44 0.19 -0.30	26.86 0.26 -0.17	24.83 0.27 -0.18	24.61 0.29 0.00	21.82 0.24 -0.05	21.73 0.24 -0.01	20.31 0.22 0.00
S.PERRY___115KV_TB1 80734	20.98 0.59 -0.05	19.26 0.72 0.00	16.86 0.53 -0.18	16.31 0.53 -0.20	17.26 0.56 -0.11	20.84 0.76 0.00	24.42 1.23 0.00	25.22 1.22 0.00	22.72 0.95 -0.22	22.47 0.90 -0.04	20.96 0.67 0.00	19.83 0.48 -0.04	20.10 0.47 -0.02	20.87 0.45 -0.08	22.02 0.54 -0.02	22.44 0.76 -0.10	23.71 0.90 -0.23	25.76 1.13 -0.69	28.02 1.22 -0.38	25.96 1.17 -0.41	25.68 1.36 0.00	22.68 1.03 -0.11	22.39 0.88 -0.03	21.09 1.00 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	19.95 -0.43 -0.04	18.50 -0.04 0.00	16.12 -0.19 -0.16	15.63 -0.14 -0.18	16.50 -0.18 -0.10	19.92 -0.16 0.00	23.26 0.07 0.00	23.85 -0.14 0.00	21.47 -0.28 -0.20	21.46 -0.11 -0.03	20.17 -0.12 0.00	18.99 -0.35 -0.03	19.24 -0.39 -0.02	19.95 -0.47 -0.07	21.03 -0.45 -0.02	21.37 -0.30 -0.10	22.49 -0.29 -0.21	24.39 -0.19 -0.64	26.36 -0.42 -0.35	24.44 -0.32 -0.38	24.22 -0.10 0.00	21.29 -0.34 -0.10	21.14 -0.37 -0.02	20.27 0.18 0.00
SAWYER___23_KV_LOAD 55526	19.95 -0.43 -0.04	18.50 -0.04 0.00	16.12 -0.19 -0.16	15.63 -0.14 -0.18	16.50 -0.18 -0.10	19.92 -0.16 0.00	23.26 0.07 0.00	23.85 -0.14 0.00	21.47 -0.28 -0.20	21.46 -0.11 -0.03	20.17 -0.12 0.00	18.99 -0.35 -0.03	19.24 -0.39 -0.02	19.95 -0.47 -0.07	21.03 -0.45 -0.02	21.37 -0.30 -0.10	22.49 -0.29 -0.21	24.39 -0.19 -0.64	26.36 -0.42 -0.35	24.44 -0.32 -0.38	24.22 -0.10 0.00	21.29 -0.34 -0.10	21.14 -0.37 -0.02	20.27 0.18 0.00
SELKIRK___I 23801	21.67 0.67 -0.66	19.19 0.65 0.00	19.16 0.58 -2.44	18.85 0.56 -2.70	18.65 0.61 -1.44	20.78 0.70 0.00	24.05 0.86 0.00	24.90 0.91 0.00	25.28 0.75 -2.97	22.72 0.69 -0.50	20.92 0.63 0.00	20.42 0.62 -0.50	20.53 0.63 -0.30	22.07 0.65 -1.08	22.42 0.69 -0.27	23.70 0.69 -1.43	26.76 0.72 -3.46	35.17 0.79 -10.44	33.12 0.92 -5.77	31.44 0.85 -6.20	25.14 0.83 0.00	23.94 0.73 -1.68	22.60 0.73 -0.38	20.67 0.58 0.00
SELKIRK___II 23799	21.54 0.53 -0.67	19.04 0.50 0.00	19.07 0.45 -2.47	18.76 0.44 -2.74	18.52 0.46 -1.46	20.60 0.52 0.00	23.84 0.65 0.00	24.69 0.70 0.00	25.14 0.58 -3.01	22.60 0.56 -0.51	20.80 0.51 0.00	20.31 0.50 -0.50	20.44 0.53 -0.30	21.96 0.53 -1.09	22.29 0.56 -0.27	23.57 0.54 -1.45	26.64 0.56 -3.50	35.14 0.62 -10.57	32.96 0.69 -5.84	31.30 0.63 -6.28	24.95 0.63 0.00	23.77 0.54 -1.70	22.43 0.56 -0.39	20.53 0.44 0.00
SENECA OSWGO___HYD 24041	20.53 0.16 -0.03	18.74 0.20 0.00	16.39 0.15 -0.10	15.85 0.16 -0.11	16.82 0.17 -0.06	20.30 0.22 0.00	23.63 0.44 0.00	24.45 0.45 0.00	21.97 0.30 -0.12	21.79 0.24 -0.02	20.53 0.24 0.00	19.48 0.15 -0.02	19.76 0.14 -0.01	20.53 0.14 -0.04	21.61 0.13 -0.01	21.85 0.22 -0.06	23.00 0.32 -0.11	24.62 0.34 -0.34	26.99 0.37 -0.19	24.97 0.39 -0.20	24.73 0.41 0.00	21.93 0.34 -0.06	21.76 0.26 -0.01	20.37 0.28 0.00
SENECA___115KV_TB3 355854	20.08 -0.31 -0.05	18.69 0.15 0.00	16.19 -0.13 -0.17	15.69 -0.08 -0.19	16.56 -0.13 -0.10	20.10 0.02 0.00	23.52 0.32 0.00	24.11 0.12 0.00	21.65 -0.11 -0.21	21.69 0.13 -0.03	20.39 0.10 0.00	19.21 -0.14 -0.03	19.45 -0.18 -0.02	20.10 -0.33 -0.07	21.27 -0.21 -0.02	21.55 -0.13 -0.10	22.70 -0.09 -0.22	24.61 0.00 -0.67	26.61 -0.18 -0.37	24.66 -0.12 -0.40	24.51 0.19 0.00	21.49 -0.15 -0.11	21.40 -0.11 -0.02	20.47 0.38 0.00
SENECA___ENERGY 23797	20.25 -0.12 -0.04	18.52 -0.02 0.00	16.21 -0.08 -0.14	15.68 -0.06 -0.16	16.61 -0.07 -0.08	20.10 0.02 0.00	23.40 0.21 0.00	24.21 0.22 0.00	21.83 0.11 -0.17	21.60 0.04 -0.03	20.33 0.04 0.00	19.30 -0.04 -0.03	19.57 -0.06 -0.02	20.33 -0.08 -0.06	21.42 -0.06 -0.02	21.68 0.02 -0.08	22.86 0.11 -0.17	24.64 0.17 -0.52	26.85 0.13 -0.29	24.84 0.15 -0.31	24.53 0.22 0.00	21.72 0.11 -0.08	21.53 0.02 -0.02	20.17 0.08 0.00
SHOEMAKER___GT 23640	21.52 0.73 -0.45	19.13 0.59 0.00	18.30 0.50 -1.65	17.90 0.48 -1.83	18.08 0.51 -0.98	20.68 0.60 0.00	23.91 0.72 0.00	24.78 0.79 0.00	24.34 0.77 -2.01	22.69 0.82 -0.34	20.96 0.67 0.00	20.32 0.68 -0.34	20.51 0.70 -0.20	21.81 0.73 -0.73	22.46 0.82 -0.18	23.45 0.91 -0.97	25.86 0.95 -2.34	31.97 0.96 -7.06	31.39 1.06 -3.90	29.53 0.95 -4.20	25.29 0.97 0.00	23.53 0.86 -1.14	22.58 0.84 -0.26	20.75 0.66 0.00
SHOEMAKR_138KV_BK 111 55601	21.51 0.73 -0.44	19.13 0.59 0.00	18.28 0.50 -1.63	17.88 0.48 -1.81	18.07 0.51 -0.97	20.66 0.58 0.00	23.91 0.72 0.00	24.78 0.79 0.00	24.32 0.78 -1.99	22.69 0.82 -0.34	20.98 0.69 0.00	20.31 0.68 -0.33	20.51 0.71 -0.20	21.80 0.73 -0.72	22.46 0.82 -0.18	23.44 0.91 -0.96	25.83 0.95 -2.31	31.88 0.96 -6.97	31.31 1.03 -3.86	29.48 0.95 -4.15	25.26 0.95 0.00	23.49 0.84 -1.12	22.58 0.84 -0.26	20.75 0.66 0.00

SHOREHAM_IC_1 23715	26.19 2.13 -3.72	20.34 1.80 0.00	19.48 1.40 -1.93	19.10 1.37 -2.14	19.14 1.41 -1.14	22.01 1.93 0.00	25.44 2.25 0.00	27.79 2.42 -1.37	26.68 2.37 -2.75	25.54 2.43 -1.57	28.53 1.97 -6.27	28.26 2.03 -6.93	28.55 2.08 -6.86	28.57 2.14 -6.09	29.10 2.32 -5.32	31.29 2.57 -7.14	44.05 2.62 -18.86	44.32 2.75 -17.62	42.00 2.99 -12.59	43.05 2.73 -15.94	41.79 2.65 -14.82	31.26 2.37 -7.36	27.39 2.47 -3.43	25.34 2.11 -3.15
SHOREHAM_IC_2 23716	26.19 2.13 -3.72	20.34 1.80 0.00	19.48 1.40 -1.93	19.10 1.37 -2.14	19.14 1.41 -1.14	22.01 1.93 0.00	25.44 2.25 0.00	27.79 2.42 -1.37	26.68 2.37 -2.75	25.54 2.43 -1.57	28.53 1.97 -6.27	28.26 2.03 -6.93	28.55 2.08 -6.86	28.57 2.14 -6.09	29.10 2.32 -5.32	31.29 2.57 -7.14	44.05 2.62 -18.86	44.32 2.75 -17.62	42.00 2.99 -12.59	43.05 2.73 -15.94	41.79 2.65 -14.82	31.26 2.37 -7.36	27.39 2.47 -3.43	25.34 2.11 -3.15
SISSONVILLE____ 23735	19.75 -0.59 0.00	17.97 -0.57 0.00	15.68 -0.47 0.00	15.10 -0.48 0.00	16.09 -0.50 0.00	19.54 -0.54 0.00	22.50 -0.70 0.00	23.27 -0.72 0.00	20.86 -0.69 0.00	20.71 -0.82 0.00	19.62 -0.67 0.00	18.63 -0.68 0.00	18.96 -0.65 0.00	19.68 -0.67 0.00	20.73 -0.73 0.00	20.82 -0.76 0.00	21.83 -0.74 0.00	23.16 -0.79 0.00	25.71 -0.71 0.00	23.72 -0.66 0.00	23.56 -0.75 0.00	20.88 -0.65 0.00	20.78 -0.71 0.00	19.52 -0.56 0.00
SITHE_IND_GS1 24169	19.87 -0.49 -0.02	18.13 -0.41 0.00	15.85 -0.37 -0.08	15.33 -0.34 -0.08	16.27 -0.37 -0.05	19.64 -0.44 0.00	22.78 -0.42 0.00	23.56 -0.43 0.00	21.21 -0.43 -0.09	21.09 -0.45 -0.02	19.86 -0.43 0.00	18.88 -0.44 -0.02	19.15 -0.47 -0.01	19.91 -0.47 -0.03	20.96 -0.52 -0.01	21.17 -0.45 -0.04	22.23 -0.43 -0.08	23.76 -0.43 -0.25	26.06 -0.50 -0.14	24.06 -0.46 -0.15	23.88 -0.44 0.00	21.16 -0.41 -0.04	21.04 -0.45 -0.01	19.70 -0.38 0.00
SITHE_IND_GS2 24170	19.87 -0.49 -0.02	18.13 -0.41 0.00	15.85 -0.37 -0.08	15.33 -0.34 -0.08	16.27 -0.37 -0.05	19.64 -0.44 0.00	22.78 -0.42 0.00	23.56 -0.43 0.00	21.21 -0.43 -0.09	21.09 -0.45 -0.02	19.86 -0.43 0.00	18.88 -0.44 -0.02	19.15 -0.47 -0.01	19.91 -0.47 -0.03	20.96 -0.52 -0.01	21.17 -0.45 -0.04	22.23 -0.43 -0.08	23.76 -0.43 -0.25	26.06 -0.50 -0.14	24.06 -0.46 -0.15	23.88 -0.44 0.00	21.16 -0.41 -0.04	21.04 -0.45 -0.01	19.70 -0.38 0.00
SITHE_IND_GS3 24171	19.87 -0.49 -0.02	18.13 -0.41 0.00	15.85 -0.37 -0.08	15.33 -0.34 -0.08	16.27 -0.37 -0.05	19.64 -0.44 0.00	22.78 -0.42 0.00	23.56 -0.43 0.00	21.21 -0.43 -0.09	21.09 -0.45 -0.02	19.86 -0.43 0.00	18.88 -0.44 -0.02	19.15 -0.47 -0.01	19.91 -0.47 -0.03	20.96 -0.52 -0.01	21.17 -0.45 -0.04	22.23 -0.43 -0.08	23.76 -0.43 -0.25	26.06 -0.50 -0.14	24.06 -0.46 -0.15	23.88 -0.44 0.00	21.16 -0.41 -0.04	21.04 -0.45 -0.01	19.70 -0.38 0.00
SITHE_IND_GS4 24172	19.87 -0.49 -0.02	18.13 -0.41 0.00	15.85 -0.37 -0.08	15.33 -0.34 -0.08	16.27 -0.37 -0.05	19.64 -0.44 0.00	22.78 -0.42 0.00	23.56 -0.43 0.00	21.21 -0.43 -0.09	21.09 -0.45 -0.02	19.86 -0.43 0.00	18.88 -0.44 -0.02	19.15 -0.47 -0.01	19.91 -0.47 -0.03	20.96 -0.52 -0.01	21.17 -0.45 -0.04	22.23 -0.43 -0.08	23.76 -0.43 -0.25	26.06 -0.50 -0.14	24.06 -0.46 -0.15	23.88 -0.44 0.00	21.16 -0.41 -0.04	21.04 -0.45 -0.01	19.70 -0.38 0.00
SITHE____BATAVIA 24024	20.42 0.04 -0.04	18.91 0.37 0.00	16.46 0.16 -0.15	15.92 0.17 -0.16	16.84 0.17 -0.09	20.38 0.30 0.00	23.79 0.60 0.00	24.54 0.55 0.00	22.06 0.32 -0.18	21.82 0.26 -0.03	20.61 0.32 0.00	19.39 0.06 -0.03	19.63 0.00 -0.02	20.39 -0.02 -0.07	21.48 0.00 -0.02	21.79 0.13 -0.09	23.05 0.29 -0.19	24.97 0.45 -0.57	27.11 0.37 -0.31	25.11 0.39 -0.34	24.85 0.53 0.00	21.95 0.32 -0.09	21.66 0.15 -0.02	20.67 0.58 0.00
SITHE____INDEPEND 23800	19.87 -0.49 -0.02	18.13 -0.41 0.00	15.85 -0.37 -0.08	15.33 -0.34 -0.08	16.27 -0.36 -0.05	19.64 -0.44 0.00	22.77 -0.42 0.00	23.56 -0.43 0.00	21.21 -0.43 -0.09	21.12 -0.43 -0.02	19.86 -0.43 0.00	18.88 -0.44 -0.02	19.15 -0.47 -0.01	19.91 -0.47 -0.03	20.96 -0.52 -0.01	21.19 -0.43 -0.04	22.23 -0.43 -0.08	23.76 -0.43 -0.25	26.06 -0.50 -0.14	24.07 -0.46 -0.15	23.88 -0.44 0.00	21.16 -0.41 -0.04	21.04 -0.45 -0.01	19.70 -0.38 0.00
SITHE____MASSENA 23902	20.11 -0.22 0.00	18.32 -0.22 0.00	15.97 -0.18 0.00	15.40 -0.19 0.00	16.41 -0.18 0.00	19.84 -0.24 0.00	22.84 -0.35 0.00	23.61 -0.38 0.00	21.21 -0.35 0.00	21.14 -0.39 0.00	20.01 -0.28 0.00	19.02 -0.29 0.00	19.35 -0.26 0.00	20.06 -0.28 0.00	21.16 -0.30 0.00	21.21 -0.37 0.00	22.21 -0.36 0.00	23.56 -0.38 0.00	26.08 -0.34 0.00	24.06 -0.32 0.00	23.93 -0.39 0.00	21.21 -0.32 0.00	21.16 -0.32 0.00	19.87 -0.22 0.00
SITHE____OGDNSBRG 24021	20.15 -0.18 0.00	18.32 -0.22 0.00	15.99 -0.16 0.00	15.40 -0.19 0.00	16.41 -0.18 0.00	19.92 -0.16 0.00	22.96 -0.23 0.00	23.75 -0.24 0.00	21.27 -0.28 0.00	21.12 -0.41 0.00	19.99 -0.30 0.00	18.98 -0.33 0.00	19.30 -0.31 0.00	20.04 -0.31 0.00	21.12 -0.34 0.00	21.23 -0.35 0.00	22.26 -0.32 0.00	23.63 -0.31 0.00	26.22 -0.21 0.00	24.19 -0.20 0.00	24.02 -0.29 0.00	21.27 -0.26 0.00	21.16 -0.32 0.00	19.91 -0.18 0.00
SITHE____STERLING 23777	20.80 0.45 -0.02	18.95 0.41 0.00	16.55 0.34 -0.07	15.99 0.33 -0.07	17.00 0.36 -0.04	20.56 0.48 0.00	23.98 0.79 0.00	24.81 0.82 0.00	22.17 0.54 -0.08	22.00 0.45 -0.01	20.72 0.43 0.00	19.63 0.31 -0.01	19.89 0.27 -0.01	20.72 0.35 -0.03	21.79 0.32 -0.01	22.09 0.47 -0.04	23.17 0.52 -0.08	24.69 0.50 -0.24	27.17 0.61 -0.13	25.09 0.56 -0.14	24.90 0.58 0.00	22.04 0.47 -0.04	21.90 0.41 -0.01	20.55 0.46 0.00
SLEIGHT__34_KV_TB1 80719	20.76 0.39 -0.04	18.95 0.41 0.00	16.60 0.32 -0.13	16.06 0.33 -0.15	17.03 0.36 -0.08	20.56 0.48 0.00	23.98 0.79 0.00	24.86 0.86 0.00	22.40 0.69 -0.16	22.23 0.67 -0.03	20.86 0.57 0.00	19.80 0.46 -0.03	20.08 0.45 -0.02	20.85 0.45 -0.06	21.97 0.49 -0.01	22.32 0.67 -0.08	23.46 0.72 -0.16	25.25 0.81 -0.49	27.57 0.87 -0.27	25.50 0.83 -0.29	25.17 0.85 0.00	22.30 0.69 -0.08	22.06 0.56 -0.02	20.65 0.56 0.00
SOUTH CAIRO____GT 23612	21.86 0.89 -0.63	19.50 0.96 0.00	19.20 0.73 -2.32	18.86 0.70 -2.58	18.75 0.78 -1.37	21.20 1.12 0.00	24.61 1.41 0.00	25.58 1.58 0.00	25.40 1.01 -2.83	22.94 0.93 -0.48	21.10 0.81 0.00	20.55 0.77 -0.47	20.68 0.79 -0.28	22.08 0.71 -1.03	22.56 0.84 -0.26	23.76 0.82 -1.36	26.75 0.88 -3.30	35.01 1.13 -9.94	33.40 1.48 -5.50	31.68 1.39 -5.91	25.75 1.43 0.00	24.21 1.08 -1.60	23.03 1.18 -0.36	21.05 0.96 0.00
SOUTH HAMPTN____IC 23720	26.48 2.42 -3.72	20.60 2.06 0.00	19.69 1.61 -1.93	19.29 1.56 -2.14	19.34 1.61 -1.14	22.31 2.23 0.00	25.77 2.57 0.00	28.12 2.76 -1.37	27.04 2.74 -2.75	25.90 2.80 -1.57	28.85 2.29 -6.27	28.59 2.35 -6.93	28.90 2.43 -6.86	28.96 2.52 -6.09	29.49 2.70 -5.32	31.71 2.98 -7.15	44.50 3.05 -18.88	44.80 3.23 -17.63	42.51 3.49 -12.59	43.53 3.19 -15.95	42.24 3.09 -14.83	31.65 2.76 -7.36	27.75 2.84 -3.43	25.64 2.41 -3.15

SOUTHDOW_115KV_TB1 355954	20.59 0.20 -0.05	19.26 0.72 0.00	16.57 0.24 -0.18	16.10 0.31 -0.20	16.98 0.28 -0.11	20.74 0.66 0.00	24.37 1.18 0.00	25.10 1.10 0.00	22.40 0.62 -0.22	22.56 0.99 -0.04	21.24 0.95 0.00	19.94 0.60 -0.04	20.18 0.55 -0.02	20.75 0.33 -0.08	22.04 0.56 -0.02	22.22 0.54 -0.11	23.54 0.72 -0.24	25.53 0.86 -0.73	27.57 0.74 -0.40	25.52 0.71 -0.43	25.43 1.12 0.00	22.23 0.58 -0.12	22.18 0.67 -0.03	21.09 1.00 0.00
SOUTHOLD_69_KV_BK 2 55809	26.82 2.77 -3.72	20.90 2.35 0.00	19.94 1.86 -1.93	19.52 1.79 -2.14	19.61 1.87 -1.14	22.55 2.47 0.00	26.18 2.99 0.00	28.58 3.21 -1.37	27.39 3.08 -2.75	26.29 3.19 -1.57	29.26 2.70 -6.27	28.93 2.70 -6.93	29.24 2.76 -6.86	29.30 2.87 -6.09	29.87 3.09 -5.32	32.16 3.43 -7.15	44.97 3.52 -18.88	45.31 3.74 -17.63	43.09 4.07 -12.59	44.06 3.73 -15.95	42.82 3.67 -14.83	31.53 3.16 -6.83	28.14 3.22 -3.43	26.04 2.81 -3.15
SOUTHOLD___IC 23719	26.82 2.77 -3.72	20.90 2.35 0.00	19.94 1.86 -1.93	19.52 1.79 -2.14	19.61 1.87 -1.14	22.59 2.51 0.00	26.18 2.99 0.00	28.58 3.22 -1.37	27.39 3.08 -2.75	26.27 3.17 -1.57	29.26 2.70 -6.27	28.93 2.70 -6.93	29.24 2.77 -6.86	29.32 2.89 -6.09	29.87 3.09 -5.32	32.13 3.41 -7.15	44.97 3.52 -18.88	45.33 3.76 -17.63	43.09 4.07 -12.59	44.06 3.73 -15.95	42.74 3.60 -14.83	32.06 3.17 -7.36	28.14 3.22 -3.43	26.04 2.81 -3.15
SPIERFLS_115KV_TB 1 80737	22.32 1.30 -0.68	19.71 1.17 0.00	19.72 1.05 -2.52	19.38 1.00 -2.80	19.18 1.09 -1.49	21.50 1.43 0.00	25.02 1.83 0.00	25.89 1.90 0.00	26.24 1.62 -3.07	23.54 1.49 -0.52	21.55 1.26 0.00	21.07 1.25 -0.51	20.99 1.08 -0.30	22.56 1.10 -1.11	22.86 1.12 -0.28	24.20 1.14 -1.48	27.39 1.24 -3.58	36.12 1.39 -10.79	34.03 1.64 -5.96	32.33 1.54 -6.41	25.87 1.56 0.00	24.75 1.49 -1.74	23.28 1.40 -0.39	21.37 1.29 0.00
ST LAWRENCE____ 23600	19.99 -0.35 0.00	18.19 -0.35 0.00	15.87 -0.27 0.00	15.31 -0.28 0.00	16.29 -0.30 0.00	19.70 -0.38 0.00	22.66 -0.53 0.00	23.42 -0.58 0.00	21.06 -0.49 0.00	21.04 -0.49 0.00	19.88 -0.41 0.00	18.92 -0.39 0.00	19.24 -0.37 0.00	19.96 -0.39 0.00	21.06 -0.41 0.00	21.10 -0.47 0.00	22.06 -0.52 0.00	23.40 -0.55 0.00	25.90 -0.53 0.00	23.89 -0.49 0.00	23.78 -0.54 0.00	21.08 -0.45 0.00	21.06 -0.43 0.00	19.72 -0.36 0.00
STATE_CA_115KV_115_LB 55624	21.50 0.49 -0.67	19.04 0.50 0.00	19.07 0.44 -2.48	18.76 0.42 -2.76	18.53 0.46 -1.47	20.62 0.54 0.00	23.89 0.70 0.00	24.74 0.74 0.00	25.18 0.60 -3.03	22.60 0.56 -0.51	20.80 0.51 0.00	20.33 0.52 -0.51	20.42 0.51 -0.30	21.97 0.53 -1.10	22.28 0.54 -0.27	23.57 0.54 -1.46	26.64 0.54 -3.53	35.19 0.60 -10.64	33.00 0.69 -5.88	31.34 0.63 -6.33	24.95 0.63 0.00	23.76 0.52 -1.71	22.41 0.54 -0.39	20.51 0.42 0.00
STATE_ST_34_KV_LOAD 55959	20.48 0.10 -0.04	18.69 0.15 0.00	16.37 0.08 -0.14	15.83 0.09 -0.15	16.77 0.10 -0.08	20.26 0.18 0.00	23.61 0.42 0.00	24.45 0.46 0.00	22.19 0.47 -0.17	22.03 0.47 -0.03	20.53 0.24 0.00	19.64 0.31 -0.03	19.94 0.31 -0.02	20.71 0.31 -0.06	21.80 0.32 -0.02	22.11 0.45 -0.08	23.26 0.52 -0.17	25.04 0.57 -0.52	27.32 0.61 -0.28	25.27 0.59 -0.31	24.95 0.63 0.00	22.11 0.50 -0.08	21.91 0.41 -0.02	20.37 0.28 0.00
STATION 5_MISC_HYD 23604	20.33 -0.04 -0.04	18.63 0.09 0.00	16.35 0.06 -0.13	15.81 0.08 -0.15	16.75 0.08 -0.08	20.20 0.12 0.00	23.47 0.28 0.00	24.26 0.26 0.00	21.95 0.24 -0.16	21.69 0.13 -0.03	20.43 0.14 0.00	19.33 0.00 -0.03	19.61 -0.02 -0.02	20.40 0.00 -0.06	21.44 -0.04 -0.01	21.79 0.13 -0.08	22.98 0.25 -0.16	24.77 0.34 -0.49	26.99 0.29 -0.27	24.97 0.29 -0.29	24.66 0.34 0.00	21.85 0.24 -0.08	21.57 0.06 -0.02	20.37 0.28 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	20.41 0.04 -0.04	18.69 0.15 0.00	16.38 0.10 -0.13	15.84 0.11 -0.15	16.79 0.12 -0.08	20.22 0.14 0.00	23.61 0.42 0.00	24.40 0.41 0.00	22.04 0.32 -0.16	21.88 0.32 -0.03	20.53 0.24 0.00	19.43 0.10 -0.03	19.70 0.08 -0.02	20.49 0.08 -0.06	21.57 0.09 -0.01	21.94 0.28 -0.08	23.07 0.34 -0.16	24.87 0.43 -0.49	27.12 0.42 -0.27	25.06 0.39 -0.29	24.75 0.44 0.00	21.93 0.32 -0.08	21.68 0.17 -0.02	20.41 0.32 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	20.21 -0.16 -0.04	18.50 -0.04 0.00	16.25 -0.03 -0.13	15.70 -0.03 -0.15	16.64 -0.03 -0.08	19.98 -0.10 0.00	23.33 0.14 0.00	24.09 0.10 0.00	21.82 0.11 -0.16	21.67 0.11 -0.03	20.31 0.02 0.00	19.24 -0.10 -0.03	19.51 -0.12 -0.02	20.30 -0.10 -0.06	21.33 -0.15 -0.01	21.74 0.09 -0.08	22.85 0.11 -0.16	24.65 0.22 -0.48	26.85 0.16 -0.27	24.84 0.17 -0.29	24.51 0.19 0.00	21.72 0.11 -0.08	21.44 -0.06 -0.02	20.25 0.16 0.00
STA_56___34_KV_BUS2 355983	20.21 -0.16 -0.04	18.50 -0.04 0.00	16.25 -0.03 -0.13	15.70 -0.03 -0.15	16.64 -0.03 -0.08	19.98 -0.10 0.00	23.33 0.14 0.00	24.09 0.10 0.00	21.82 0.11 -0.16	21.67 0.11 -0.03	20.31 0.02 0.00	19.24 -0.10 -0.03	19.51 -0.12 -0.02	20.30 -0.10 -0.06	21.33 -0.15 -0.01	21.74 0.09 -0.08	22.85 0.11 -0.16	24.65 0.22 -0.48	26.85 0.16 -0.27	24.84 0.17 -0.29	24.51 0.19 0.00	21.72 0.11 -0.08	21.44 -0.06 -0.02	20.25 0.16 0.00
STA_67___115KV_BK2 355882	20.29 -0.08 -0.04	18.60 0.06 0.00	16.31 0.03 -0.13	15.78 0.05 -0.15	16.72 0.05 -0.08	20.06 -0.02 0.00	23.42 0.23 0.00	24.16 0.17 0.00	21.88 0.17 -0.16	21.73 0.17 -0.03	20.37 0.08 0.00	19.29 -0.04 -0.03	19.55 -0.08 -0.02	20.36 -0.04 -0.06	21.39 -0.09 -0.01	21.81 0.15 -0.08	22.92 0.18 -0.16	24.72 0.29 -0.49	26.94 0.24 -0.27	24.92 0.24 -0.29	24.58 0.27 0.00	21.78 0.17 -0.08	21.50 0.00 -0.02	20.33 0.24 0.00
STA_7___115KV_9TRANS 80674	20.41 0.04 -0.04	18.71 0.17 0.00	16.41 0.13 -0.13	15.86 0.12 -0.15	16.80 0.13 -0.08	20.18 0.10 0.00	23.59 0.39 0.00	24.33 0.34 0.00	22.06 0.34 -0.16	21.90 0.34 -0.03	20.51 0.22 0.00	19.43 0.10 -0.03	19.70 0.08 -0.02	20.51 0.10 -0.06	21.57 0.09 -0.01	21.98 0.32 -0.08	23.12 0.38 -0.16	24.91 0.48 -0.49	27.17 0.48 -0.27	25.11 0.44 -0.29	24.80 0.49 0.00	21.95 0.34 -0.08	21.68 0.17 -0.02	20.47 0.38 0.00
STA_82___115KV_TB1 80780	20.29 -0.08 -0.04	18.60 0.06 0.00	16.33 0.05 -0.13	15.78 0.05 -0.15	16.72 0.05 -0.08	20.08 0.00 0.00	23.45 0.26 0.00	24.18 0.19 0.00	21.91 0.19 -0.16	21.75 0.19 -0.03	20.39 0.10 0.00	19.29 -0.04 -0.03	19.57 -0.06 -0.02	20.38 -0.02 -0.06	21.41 -0.06 -0.01	21.83 0.17 -0.08	22.94 0.20 -0.16	24.75 0.31 -0.49	26.96 0.26 -0.27	24.92 0.24 -0.29	24.61 0.29 0.00	21.80 0.19 -0.08	21.53 0.02 -0.02	20.35 0.26 0.00
STEEL___WIND 323596	20.06 -0.33 -0.05	18.69 0.15 0.00	16.17 -0.15 -0.17	15.68 -0.09 -0.19	16.54 -0.15 -0.10	20.16 0.08 0.00	23.49 0.30 0.00	24.11 0.12 0.00	21.61 -0.15 -0.21	21.52 -0.04 -0.03	20.37 0.08 0.00	19.17 -0.17 -0.03	19.43 -0.20 -0.02	20.07 -0.35 -0.07	21.25 -0.24 -0.02	21.40 -0.28 -0.10	22.68 -0.11 -0.22	24.59 -0.02 -0.67	26.56 -0.24 -0.37	24.63 -0.15 -0.40	24.49 0.17 0.00	21.49 -0.15 -0.11	21.36 -0.15 -0.02	20.43 0.34 0.00

STEPHTWN_115KV_BK_2 55603	21.60 0.59 -0.67	19.13 0.59 0.00	19.13 0.52 -2.47	18.83 0.50 -2.74	18.60 0.55 -1.46	20.74 0.66 0.00	24.05 0.86 0.00	24.93 0.94 0.00	25.32 0.75 -3.01	22.73 0.69 -0.51	20.92 0.63 0.00	20.43 0.62 -0.50	20.54 0.63 -0.30	22.07 0.63 -1.09	22.40 0.67 -0.27	23.70 0.67 -1.45	26.80 0.72 -3.51	35.32 0.79 -10.58	33.20 0.92 -5.85	31.52 0.85 -6.29	25.17 0.85 0.00	23.94 0.71 -1.70	22.58 0.71 -0.39	20.67 0.58 0.00
STEUBEN_REC_LFGE 323667	20.72 0.33 -0.06	19.15 0.61 0.00	16.67 0.31 -0.22	16.17 0.34 -0.24	17.05 0.33 -0.13	20.70 0.62 0.00	24.24 1.04 0.00	25.00 1.01 0.00	22.42 0.60 -0.27	22.35 0.78 -0.05	20.94 0.65 0.00	19.78 0.42 -0.04	20.05 0.41 -0.03	20.73 0.28 -0.10	21.94 0.45 -0.02	22.25 0.54 -0.13	23.52 0.65 -0.29	25.58 0.77 -0.87	27.62 0.71 -0.48	25.60 0.71 -0.52	25.31 1.00 0.00	22.27 0.60 -0.14	22.12 0.60 -0.03	20.91 0.82 0.00
STONY__BROOK 24151	26.05 1.99 -3.72	20.19 1.65 0.00	19.37 1.29 -1.93	18.99 1.26 -2.14	19.03 1.29 -1.14	21.92 1.85 0.00	25.28 2.09 0.00	27.59 2.23 -1.37	26.59 2.28 -2.75	25.47 2.37 -1.57	28.43 1.87 -6.27	28.20 1.97 -6.93	28.49 2.02 -6.86	28.53 2.10 -6.09	29.04 2.25 -5.32	31.17 2.42 -7.17	44.28 2.48 -19.22	44.14 2.54 -17.65	41.78 2.72 -12.63	43.22 2.51 -16.33	41.96 2.48 -15.16	31.23 2.28 -7.42	27.30 2.38 -3.43	25.18 1.95 -3.15
STURGEON_POOL_HYD 23609	21.77 0.89 -0.54	19.34 0.80 0.00	18.71 0.58 -1.98	18.35 0.56 -2.20	18.35 0.58 -1.17	20.86 0.78 0.00	24.07 0.88 0.00	24.98 0.98 0.00	24.77 0.80 -2.42	22.91 0.97 -0.41	21.18 0.89 0.00	20.54 0.83 -0.40	20.69 0.84 -0.24	22.00 0.77 -0.88	22.65 0.97 -0.22	23.73 0.99 -1.16	26.40 1.02 -2.82	33.49 1.05 -8.49	32.26 1.14 -4.70	30.45 1.02 -5.05	25.46 1.14 0.00	23.80 0.90 -1.37	22.81 1.01 -0.31	20.99 0.90 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	21.64 0.83 -0.47	19.23 0.69 0.00	18.45 0.58 -1.72	18.05 0.56 -1.91	18.19 0.58 -1.02	20.74 0.66 0.00	24.03 0.83 0.00	24.88 0.89 0.00	24.49 0.84 -2.09	22.81 0.93 -0.36	21.10 0.81 0.00	20.43 0.77 -0.35	20.62 0.80 -0.21	21.94 0.83 -0.76	22.58 0.92 -0.19	23.58 0.99 -1.01	26.05 1.04 -2.44	32.35 1.05 -7.35	31.63 1.14 -4.06	29.77 1.02 -4.37	25.34 1.02 0.00	23.64 0.93 -1.18	22.66 0.90 -0.27	20.85 0.76 0.00
SWANROAD_115KV_TB1 355699	19.61 -0.77 -0.04	18.34 -0.20 0.00	15.87 -0.44 -0.16	15.37 -0.39 -0.17	16.24 -0.45 -0.09	19.72 -0.36 0.00	22.84 -0.35 0.00	23.39 -0.60 0.00	21.10 -0.65 -0.19	21.05 -0.52 -0.03	19.76 -0.53 0.00	18.62 -0.71 -0.03	18.86 -0.76 -0.02	19.58 -0.83 -0.07	20.60 -0.88 -0.02	20.98 -0.69 -0.09	22.08 -0.70 -0.20	23.94 -0.62 -0.61	25.87 -0.90 -0.34	23.99 -0.76 -0.36	23.73 -0.58 0.00	20.90 -0.73 -0.10	20.73 -0.77 -0.02	19.97 -0.12 0.00
SYNERGY__BIOGAS 323694	20.42 0.04 -0.04	18.91 0.37 0.00	16.46 0.16 -0.15	15.92 0.17 -0.16	16.84 0.17 -0.09	20.38 0.30 0.00	23.79 0.60 0.00	24.54 0.55 0.00	22.06 0.32 -0.18	21.82 0.26 -0.03	20.61 0.32 0.00	19.39 0.06 -0.03	19.63 0.00 -0.02	20.39 -0.02 -0.07	21.48 0.00 -0.02	21.79 0.13 -0.09	23.05 0.29 -0.19	24.97 0.45 -0.57	27.11 0.37 -0.31	25.11 0.39 -0.34	24.85 0.53 0.00	21.95 0.32 -0.09	21.66 0.15 -0.02	20.67 0.58 0.00
SYRACUSE__ENERGY_ST1 323597	20.41 0.04 -0.03	18.61 0.07 0.00	16.31 0.05 -0.11	15.77 0.06 -0.13	16.71 0.05 -0.07	20.18 0.10 0.00	23.45 0.26 0.00	24.28 0.29 0.00	21.86 0.17 -0.14	21.70 0.15 -0.02	20.41 0.12 0.00	19.39 0.06 -0.02	19.68 0.06 -0.01	20.44 0.04 -0.05	21.52 0.04 -0.01	21.80 0.15 -0.07	22.89 0.18 -0.14	24.57 0.22 -0.41	26.86 0.21 -0.23	24.84 0.22 -0.24	24.58 0.27 0.00	21.79 0.19 -0.07	21.63 0.13 -0.01	20.25 0.16 0.00
SYRACUSE__ENERGY_ST2 323598	20.41 0.04 -0.03	18.61 0.07 0.00	16.31 0.05 -0.11	15.77 0.06 -0.13	16.71 0.05 -0.07	20.18 0.10 0.00	23.45 0.26 0.00	24.28 0.29 0.00	21.86 0.17 -0.14	21.70 0.15 -0.02	20.41 0.12 0.00	19.39 0.06 -0.02	19.68 0.06 -0.01	20.44 0.04 -0.05	21.52 0.04 -0.01	21.80 0.15 -0.07	22.89 0.18 -0.14	24.57 0.22 -0.41	26.86 0.21 -0.23	24.84 0.22 -0.24	24.58 0.27 0.00	21.79 0.19 -0.07	21.63 0.13 -0.01	20.25 0.16 0.00
SYRACUSE__POWER 24017	20.29 -0.08 -0.03	18.50 -0.04 0.00	16.20 -0.06 -0.12	15.67 -0.05 -0.13	16.61 -0.05 -0.07	20.06 -0.02 0.00	23.28 0.09 0.00	24.11 0.12 0.00	21.74 0.04 -0.14	21.60 0.04 -0.02	20.29 0.00 0.00	19.29 -0.04 -0.02	19.56 -0.06 -0.01	20.34 -0.06 -0.05	21.41 -0.06 -0.01	21.67 0.02 -0.07	22.78 0.07 -0.14	24.47 0.10 -0.43	26.74 0.08 -0.24	24.73 0.10 -0.25	24.46 0.15 0.00	21.66 0.06 -0.07	21.52 0.02 -0.02	20.13 0.04 0.00
TALLMAN__138KV_BK151 55660	21.78 0.96 -0.49	19.34 0.80 0.00	18.62 0.68 -1.80	18.22 0.64 -2.00	18.34 0.68 -1.07	20.84 0.76 0.00	24.14 0.95 0.00	25.00 1.01 0.00	24.74 0.99 -2.19	22.98 1.08 -0.37	21.24 0.95 0.00	20.58 0.91 -0.37	20.77 0.94 -0.22	22.14 1.00 -0.79	22.76 1.09 -0.20	23.84 1.21 -1.06	26.39 1.26 -2.55	32.92 1.27 -7.70	32.03 1.35 -4.26	30.15 1.19 -4.58	25.51 1.19 0.00	23.85 1.08 -1.24	22.82 1.05 -0.28	20.97 0.88 0.00
TEALLAVE_115KV_TB7 355573	20.22 -0.14 -0.03	18.45 -0.09 0.00	16.15 -0.10 -0.10	15.62 -0.08 -0.11	16.55 -0.10 -0.06	20.00 -0.08 0.00	23.22 0.02 0.00	24.04 0.05 0.00	21.66 -0.02 -0.13	21.53 -0.02 -0.02	20.23 -0.06 0.00	19.23 -0.10 -0.02	19.52 -0.12 -0.05	20.27 -0.13 -0.01	21.35 -0.13 -0.06	21.59 -0.04 -0.12	22.72 0.02 -0.12	24.33 0.02 -0.36	26.63 0.00 -0.20	24.62 0.02 -0.21	24.36 0.05 0.00	21.59 0.00 -0.06	21.46 -0.04 -0.01	20.07 -0.02 0.00
TELGRAPH_34_KV_EAST 80808	20.09 -0.28 -0.04	18.67 0.13 0.00	16.23 -0.06 -0.15	15.72 -0.03 -0.17	16.61 -0.07 -0.09	20.10 0.02 0.00	23.42 0.23 0.00	24.04 0.05 0.00	21.67 -0.06 -0.18	21.63 0.06 -0.03	20.29 0.00 0.00	19.11 -0.23 -0.03	19.35 -0.27 -0.02	20.09 -0.33 -0.07	21.16 -0.32 -0.02	21.56 -0.11 -0.09	22.68 -0.09 -0.19	24.55 0.02 -0.58	26.62 -0.13 -0.32	24.65 -0.07 -0.35	24.41 0.10 0.00	21.50 -0.13 -0.09	21.29 -0.21 -0.02	20.41 0.32 0.00
TEMPLE__115KV_TB 2 55572	20.22 -0.14 -0.03	18.45 -0.09 0.00	16.16 -0.10 -0.10	15.62 -0.08 -0.12	16.57 -0.08 -0.06	20.00 -0.08 0.00	23.24 0.05 0.00	24.04 0.05 0.00	21.66 -0.02 -0.13	21.53 -0.02 -0.02	20.23 -0.06 0.00	19.23 -0.10 -0.02	19.52 -0.10 -0.01	20.27 -0.12 -0.05	21.35 -0.13 -0.01	21.62 -0.02 -0.06	22.72 0.02 -0.12	24.33 0.02 -0.36	26.63 0.00 -0.20	24.62 0.02 -0.22	24.39 0.07 0.00	21.61 0.02 -0.06	21.46 -0.04 -0.01	20.09 0.00 0.00
TIANA__69_KV_BK 1 55817	26.40 2.34 -3.72	20.51 1.97 0.00	19.63 1.55 -1.93	19.23 1.50 -2.14	19.28 1.54 -1.14	22.13 2.05 0.00	25.67 2.48 0.00	28.03 2.66 -1.37	26.91 2.61 -2.75	25.79 2.69 -1.57	28.75 2.19 -6.27	28.49 2.26 -6.93	28.78 2.31 -6.86	28.81 2.38 -6.09	29.36 2.58 -5.32	31.60 2.87 -7.15	44.36 2.91 -18.88	44.64 3.07 -17.63	42.32 3.30 -12.59	43.40 3.07 -15.95	42.14 2.99 -14.83	30.99 2.63 -6.83	27.65 2.73 -3.43	25.54 2.31 -3.15

TILDEN___115KV_TB1 80814	20.29 -0.08 -0.03	18.50 -0.04 0.00	16.20 -0.06 -0.12	15.67 -0.05 -0.13	16.61 -0.05 -0.07	20.06 -0.02 0.00	23.28 0.09 0.00	24.11 0.12 0.00	21.74 0.04 -0.14	21.60 0.04 -0.02	20.29 0.00 0.00	19.29 -0.04 -0.02	19.56 -0.06 -0.01	20.34 -0.06 -0.05	21.41 -0.06 -0.01	21.67 0.02 -0.07	22.78 0.07 -0.14	24.47 0.10 -0.43	26.74 0.08 -0.24	24.73 0.10 -0.25	24.46 0.15 0.00	21.66 0.06 -0.07	21.52 0.02 -0.02	20.13 0.04 0.00
TRIGEN___CC 323695	25.48 1.42 -3.72	19.71 1.17 0.00	19.00 0.92 -1.93	18.62 0.89 -2.14	18.65 0.91 -1.14	21.24 1.16 0.00	24.63 1.44 0.00	26.92 1.56 -1.37	25.86 1.55 -2.75	24.74 1.64 -1.57	27.94 1.38 -6.27	27.60 1.37 -6.93	27.90 1.43 -6.86	27.90 1.46 -6.09	28.39 1.61 -5.32	29.64 1.70 -6.35	36.30 1.76 -11.97	42.52 1.84 -16.73	39.77 1.93 -11.41	35.12 1.78 -8.96	34.97 1.75 -8.90	29.70 1.57 -6.59	26.53 1.61 -3.43	24.60 1.37 -3.15
TRINITY__115KV__4 BK 55933	21.46 0.45 -0.67	19.00 0.46 0.00	19.03 0.40 -2.47	18.72 0.39 -2.75	18.47 0.41 -1.46	20.54 0.46 0.00	23.79 0.60 0.00	24.64 0.65 0.00	25.09 0.52 -3.02	22.54 0.50 -0.51	20.74 0.45 0.00	20.27 0.46 -0.50	20.38 0.47 -0.30	21.91 0.47 -1.09	22.21 0.47 -0.27	23.48 0.45 -1.45	26.56 0.47 -3.51	35.07 0.53 -10.60	32.87 0.58 -5.86	31.22 0.54 -6.30	24.85 0.53 0.00	23.69 0.45 -1.71	22.35 0.47 -0.39	20.45 0.36 0.00
UNION___PROCESSING_DRP 323587	20.31 -0.06 -0.04	18.61 0.07 0.00	16.33 0.05 -0.13	15.80 0.06 -0.15	16.74 0.07 -0.08	20.08 0.00 0.00	23.45 0.26 0.00	24.18 0.19 0.00	21.93 0.22 -0.16	21.77 0.22 -0.03	20.39 0.10 0.00	19.31 -0.02 -0.03	19.57 -0.06 -0.02	20.38 -0.02 -0.06	21.41 -0.06 -0.01	21.83 0.17 -0.08	22.96 0.23 -0.16	24.75 0.31 -0.49	26.96 0.26 -0.27	24.94 0.27 -0.29	24.61 0.29 0.00	21.80 0.19 -0.08	21.55 0.04 -0.02	20.35 0.26 0.00
UPPER HUDSON___HYD 24058	22.32 1.30 -0.68	19.71 1.17 0.00	19.71 1.05 -2.52	19.38 1.00 -2.80	19.18 1.09 -1.49	21.52 1.45 0.00	25.02 1.83 0.00	25.89 1.89 0.00	26.24 1.62 -3.07	23.54 1.48 -0.52	21.55 1.26 0.00	21.07 1.25 -0.51	20.99 1.08 -0.30	22.58 1.12 -1.11	22.86 1.12 -0.28	24.18 1.12 -1.48	27.39 1.24 -3.58	36.12 1.39 -10.79	34.03 1.64 -5.96	32.33 1.54 -6.41	25.87 1.56 0.00	24.75 1.48 -1.74	23.28 1.40 -0.39	21.37 1.29 0.00
UPPER RAQUET___HYD 24056	19.75 -0.59 0.00	17.97 -0.57 0.00	15.68 -0.47 0.00	15.10 -0.48 0.00	16.09 -0.50 0.00	19.48 -0.60 0.00	22.50 -0.70 0.00	23.27 -0.72 0.00	20.86 -0.69 0.00	20.76 -0.77 0.00	19.62 -0.67 0.00	18.63 -0.68 0.00	18.96 -0.65 0.00	19.68 -0.67 0.00	20.73 -0.73 0.00	20.84 -0.73 0.00	21.83 -0.74 0.00	23.16 -0.79 0.00	25.71 -0.71 0.00	23.72 -0.66 0.00	23.56 -0.75 0.00	20.89 -0.65 0.00	20.78 -0.71 0.00	19.52 -0.56 0.00
VALLEY44_115KV_TB2 355964	19.68 -0.71 -0.05	18.45 -0.09 0.00	15.72 -0.61 -0.18	15.26 -0.53 -0.20	16.09 -0.61 -0.11	19.82 -0.26 0.00	23.28 0.09 0.00	23.85 -0.14 0.00	21.19 -0.58 -0.22	21.53 -0.04 -0.04	20.21 -0.08 0.00	19.03 -0.31 -0.04	19.30 -0.33 -0.02	19.67 -0.75 -0.08	21.10 -0.39 -0.02	21.06 -0.63 -0.11	22.39 -0.43 -0.25	24.29 -0.41 -0.75	26.21 -0.63 -0.41	24.24 -0.59 -0.44	24.36 0.05 0.00	21.13 -0.52 -0.12	21.26 -0.26 -0.03	20.21 0.12 0.00
VALLEY___115KV_TB 1-4 80826	20.60 0.26 0.00	18.76 0.22 0.00	16.36 0.21 0.00	15.79 0.20 0.00	16.82 0.23 0.00	20.38 0.30 0.00	23.61 0.42 0.00	24.42 0.43 0.00	21.81 0.26 0.00	21.83 0.30 0.00	20.59 0.30 0.00	19.54 0.23 0.00	19.83 0.22 0.00	20.59 0.24 0.00	21.66 0.19 0.00	21.84 0.26 0.00	22.80 0.23 0.00	24.14 0.19 0.00	26.61 0.18 0.00	24.53 0.15 0.00	24.46 0.15 0.00	21.70 0.17 0.00	21.66 0.17 0.00	20.31 0.22 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	21.34 0.87 -0.13	19.32 0.78 0.00	17.26 0.65 -0.47	16.71 0.61 -0.52	17.53 0.66 -0.28	20.98 0.90 0.00	24.49 1.30 0.00	25.38 1.39 0.00	23.24 1.12 -0.57	22.68 1.05 -0.10	21.18 0.89 0.00	20.17 0.77 -0.10	20.37 0.71 -0.06	21.41 0.85 -0.21	22.37 0.86 -0.05	23.02 1.17 -0.27	24.42 1.20 -0.65	27.13 1.22 -1.96	28.91 1.40 -1.08	26.84 1.29 -1.16	25.65 1.34 0.00	22.90 1.05 -0.32	22.57 1.01 -0.07	21.05 0.96 0.00
VISCHER___FERRY HYD 24020	21.83 0.81 -0.68	19.30 0.76 0.00	19.28 0.65 -2.49	18.97 0.62 -2.76	18.73 0.66 -1.47	20.88 0.80 0.00	24.19 1.00 0.00	25.05 1.05 0.00	25.47 0.88 -3.03	22.88 0.84 -0.51	21.02 0.73 0.00	20.55 0.73 -0.51	20.66 0.74 -0.30	22.20 0.75 -1.10	22.53 0.79 -0.27	23.84 0.80 -1.46	26.96 0.86 -3.53	35.54 0.93 -10.66	33.38 1.06 -5.89	31.69 0.98 -6.34	25.29 0.97 0.00	24.08 0.84 -1.72	22.71 0.84 -0.39	20.79 0.70 0.00
V_A_10_SYNC_DSASP 323832	19.97 -0.41 -0.04	18.39 -0.15 0.00	16.13 -0.16 -0.14	15.62 -0.13 -0.16	16.53 -0.15 -0.09	19.88 -0.20 0.00	23.12 -0.07 0.00	23.78 -0.22 0.00	21.49 -0.24 -0.18	21.21 -0.35 -0.03	20.05 -0.24 0.00	18.95 -0.39 -0.03	19.20 -0.43 -0.02	20.00 -0.41 -0.06	20.97 -0.52 -0.02	21.32 -0.35 -0.08	22.53 -0.23 -0.18	24.33 -0.17 -0.55	26.39 -0.34 -0.30	24.44 -0.27 -0.33	24.12 -0.20 0.00	21.36 -0.26 -0.09	21.08 -0.43 -0.02	20.11 0.02 0.00
V_CMM_10_SYNC_DSASP 323787	20.05 -0.28 0.00	18.26 -0.28 0.00	15.92 -0.23 0.00	15.35 -0.23 0.00	16.34 -0.25 0.00	19.78 -0.30 0.00	22.73 -0.46 0.00	23.51 -0.48 0.00	21.12 -0.43 0.00	21.10 -0.43 0.00	19.95 -0.35 0.00	18.98 -0.33 0.00	19.32 -0.29 0.00	20.02 -0.33 0.00	21.12 -0.34 0.00	21.17 -0.41 0.00	22.14 -0.43 0.00	23.49 -0.46 0.00	25.98 -0.45 0.00	23.97 -0.41 0.00	23.85 -0.46 0.00	21.14 -0.39 0.00	21.12 -0.37 0.00	19.79 -0.30 0.00
V_CMP_10_SYNC_DSASP 323788	20.68 0.35 0.00	18.87 0.33 0.00	16.47 0.32 0.00	15.88 0.30 0.00	16.92 0.33 0.00	20.62 0.54 0.00	23.70 0.51 0.00	24.18 0.19 0.00	21.85 0.30 0.00	21.81 0.28 0.00	20.49 0.20 0.00	19.61 0.31 0.00	20.00 0.39 0.00	20.69 0.35 0.00	21.85 0.39 0.00	21.90 0.32 0.00	22.93 0.36 0.00	24.38 0.43 0.00	27.43 1.00 0.00	25.26 0.88 0.00	25.12 0.80 0.00	22.24 0.71 0.00	22.07 0.58 0.00	20.69 0.60 0.00
V_E_10_SYNC_DSASP 323830	21.79 1.36 -0.09	19.78 1.24 0.00	17.48 1.02 -0.32	16.91 0.97 -0.35	17.82 1.05 -0.19	21.54 1.46 0.00	25.42 2.23 0.00	26.35 2.35 0.00	23.58 1.64 -0.39	22.98 1.38 -0.07	21.47 1.18 0.00	20.28 0.91 -0.06	20.49 0.84 -0.04	21.54 1.06 -0.14	22.53 1.03 -0.04	23.25 1.49 -0.19	24.68 1.67 -0.43	27.02 1.77 -1.30	29.29 2.14 -0.72	27.15 2.00 -0.77	26.38 2.07 0.00	23.36 1.62 -0.21	23.06 1.53 -0.05	21.57 1.49 0.00
V_F_30_NSYNC___DSASP 323816	22.14 1.12 -0.68	19.54 1.00 0.00	19.55 0.89 -2.51	19.23 0.86 -2.79	19.01 0.93 -1.49	21.26 1.18 0.00	24.65 1.46 0.00	25.50 1.51 0.00	25.91 1.29 -3.07	23.26 1.20 -0.52	21.32 1.03 0.00	20.86 1.04 -0.51	20.89 0.98 -0.30	22.47 1.02 -1.11	22.79 1.05 -0.28	24.15 1.10 -1.47	27.34 1.20 -3.57	36.03 1.32 -10.77	33.89 1.51 -5.95	32.20 1.41 -6.40	25.75 1.43 0.00	24.53 1.27 -1.73	23.10 1.22 -0.39	21.13 1.04 0.00

V_F_30_SYNC_DSASP 323786	21.50 0.49 -0.67	19.04 0.50 0.00	19.07 0.44 -2.48	18.76 0.42 -2.76	18.53 0.46 -1.47	20.60 0.52 0.00	23.86 0.67 0.00	24.74 0.74 0.00	25.18 0.60 -3.03	22.60 0.56 -0.51	20.80 0.51 0.00	20.33 0.52 -0.51	20.42 0.51 -0.30	21.97 0.53 -1.10	22.28 0.54 -0.27	23.57 0.54 -1.46	26.64 0.54 -3.53	35.18 0.60 -10.64	33.00 0.69 -5.88	31.34 0.63 -6.32	24.95 0.63 0.00	23.76 0.52 -1.71	22.41 0.54 -0.39	20.51 0.42 0.00
V_XM_10_SYNC_DSASP 323789	20.68 0.35 0.00	18.87 0.33 0.00	16.47 0.32 0.00	15.88 0.30 0.00	16.92 0.33 0.00	20.62 0.54 0.00	23.70 0.51 0.00	24.18 0.19 0.00	21.85 0.30 0.00	21.81 0.28 0.00	20.49 0.20 0.00	19.61 0.31 0.00	20.00 0.39 0.00	20.69 0.35 0.00	21.85 0.39 0.00	21.90 0.32 0.00	22.93 0.36 0.00	24.38 0.43 0.00	27.43 1.00 0.00	25.26 0.88 0.00	25.12 0.80 0.00	22.24 0.71 0.00	22.07 0.58 0.00	20.69 0.60 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	21.85 1.02 -0.49	19.37 0.83 0.00	18.68 0.71 -1.82	18.29 0.69 -2.02	18.38 0.71 -1.08	20.90 0.82 0.00	24.21 1.02 0.00	25.07 1.08 0.00	24.82 1.06 -2.22	23.05 1.14 -0.38	21.28 0.99 0.00	20.64 0.97 -0.37	20.83 1.00 -0.22	22.19 1.04 -0.80	22.82 1.16 -0.20	23.90 1.25 -1.07	26.46 1.31 -2.58	33.07 1.34 -7.78	32.15 1.43 -4.30	30.30 1.29 -4.62	25.58 1.26 0.00	23.92 1.14 -1.25	22.89 1.12 -0.28	21.03 0.94 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	22.00 1.14 -0.52	19.45 0.91 0.00	18.89 0.81 -1.93	18.49 0.76 -2.14	18.55 0.81 -1.14	20.96 0.88 0.00	24.24 1.04 0.00	25.14 1.15 0.00	25.11 1.21 -2.36	23.24 1.31 -0.40	21.45 1.16 0.00	20.84 1.14 -0.39	21.00 1.16 -0.23	22.42 1.22 -0.85	23.05 1.37 -0.21	24.20 1.49 -1.13	26.87 1.56 -2.74	33.77 1.56 -8.27	32.61 1.61 -4.57	30.76 1.46 -4.92	25.73 1.41 0.00	24.17 1.31 -1.33	23.08 1.29 -0.30	21.15 1.06 0.00
W50THST__13_KV_LOAD 356117	22.08 1.22 -0.52	19.52 0.98 0.00	18.95 0.87 -1.93	18.56 0.83 -2.14	18.61 0.88 -1.14	21.04 0.96 0.00	24.35 1.16 0.00	25.26 1.27 0.00	25.22 1.31 -2.36	23.37 1.44 -0.40	21.55 1.26 0.00	20.94 1.24 -0.39	21.12 1.27 -0.23	22.54 1.34 -0.85	23.16 1.48 -0.21	24.33 1.62 -1.13	26.98 1.67 -2.74	33.91 1.70 -8.27	32.74 1.74 -4.57	30.86 1.56 -4.92	25.82 1.51 0.00	24.26 1.40 -1.33	23.18 1.40 -0.30	21.23 1.14 0.00
WADING RIVER_IC_1 23522	26.19 2.13 -3.72	20.34 1.80 0.00	19.48 1.40 -1.93	19.10 1.37 -2.14	19.14 1.41 -1.14	22.03 1.95 0.00	25.44 2.25 0.00	27.79 2.42 -1.37	26.70 2.39 -2.75	25.56 2.45 -1.57	28.53 1.97 -6.27	28.28 2.05 -6.93	28.57 2.10 -6.86	28.61 2.18 -6.09	29.12 2.34 -5.32	31.30 2.57 -7.15	44.10 2.62 -18.91	44.33 2.75 -17.63	42.01 2.99 -12.60	43.09 2.73 -15.98	41.82 2.65 -14.86	31.29 2.39 -7.37	27.41 2.49 -3.43	25.34 2.11 -3.15
WADING RIVER_IC_2 23547	26.19 2.13 -3.72	20.34 1.80 0.00	19.48 1.40 -1.93	19.10 1.37 -2.14	19.14 1.41 -1.14	22.03 1.95 0.00	25.44 2.25 0.00	27.79 2.42 -1.37	26.70 2.39 -2.75	25.56 2.45 -1.57	28.53 1.97 -6.27	28.28 2.05 -6.93	28.57 2.10 -6.86	28.61 2.18 -6.09	29.12 2.34 -5.32	31.30 2.57 -7.15	44.10 2.62 -18.91	44.33 2.75 -17.63	42.01 2.99 -12.60	43.09 2.73 -15.98	41.82 2.65 -14.86	31.29 2.39 -7.37	27.41 2.49 -3.43	25.34 2.11 -3.15
WADING RIVER_IC_3 23601	26.19 2.13 -3.72	20.34 1.80 0.00	19.48 1.40 -1.93	19.10 1.37 -2.14	19.14 1.41 -1.14	22.03 1.95 0.00	25.44 2.25 0.00	27.79 2.42 -1.37	26.70 2.39 -2.75	25.56 2.45 -1.57	28.53 1.97 -6.27	28.28 2.05 -6.93	28.57 2.10 -6.86	28.61 2.18 -6.09	29.12 2.34 -5.32	31.30 2.57 -7.15	44.10 2.62 -18.91	44.33 2.75 -17.63	42.01 2.99 -12.60	43.09 2.73 -15.98	41.82 2.65 -14.86	31.29 2.39 -7.37	27.41 2.49 -3.43	25.34 2.11 -3.15
WALDENNY_12_KV_BK2 80841	20.06 -0.33 -0.05	18.69 0.15 0.00	16.17 -0.15 -0.17	15.69 -0.08 -0.19	16.56 -0.13 -0.10	20.10 0.02 0.00	23.49 0.30 0.00	24.09 0.10 0.00	21.63 -0.13 -0.20	21.67 0.11 -0.03	20.37 0.08 0.00	19.19 -0.15 -0.03	19.43 -0.20 -0.02	20.09 -0.33 -0.07	21.25 -0.24 -0.02	21.52 -0.15 -0.10	22.68 -0.11 -0.22	24.61 0.00 -0.66	26.58 -0.21 -0.37	24.65 -0.12 -0.39	24.49 0.17 0.00	21.46 -0.17 -0.11	21.36 -0.15 -0.02	20.45 0.36 0.00
WALDEN__HYDRO 24148	21.75 0.92 -0.50	19.30 0.76 0.00	18.63 0.65 -1.83	18.23 0.61 -2.04	18.32 0.65 -1.09	20.82 0.74 0.00	24.12 0.93 0.00	25.00 1.01 0.00	24.72 0.93 -2.24	22.88 0.97 -0.38	21.14 0.85 0.00	20.49 0.81 -0.37	20.67 0.84 -0.22	22.03 0.87 -0.81	22.63 0.97 -0.20	23.73 1.08 -1.08	26.31 1.13 -2.60	32.97 1.17 -7.86	32.06 1.29 -4.34	30.24 1.19 -4.67	25.51 1.19 0.00	23.85 1.05 -1.26	22.83 1.05 -0.29	20.95 0.86 0.00
WARRENSBURG____ 23737	22.32 1.30 -0.68	19.71 1.17 0.00	19.71 1.05 -2.52	19.38 1.00 -2.80	19.18 1.09 -1.49	21.52 1.45 0.00	25.02 1.83 0.00	25.89 1.89 0.00	26.24 1.62 -3.07	23.54 1.48 -0.52	21.55 1.26 0.00	21.07 1.25 -0.51	20.99 1.08 -0.30	22.58 1.12 -1.11	22.86 1.12 -0.28	24.18 1.12 -1.48	27.39 1.24 -3.58	36.12 1.39 -10.79	34.03 1.64 -5.96	32.33 1.54 -6.41	25.87 1.56 0.00	24.75 1.48 -1.74	23.28 1.40 -0.39	21.37 1.29 0.00
WATERSIDE____6 8 9 23538	22.00 1.14 -0.52	19.41 0.87 0.00	18.87 0.79 -1.93	18.46 0.73 -2.14	18.51 0.78 -1.14	20.88 0.80 0.00	24.12 0.93 0.00	25.07 1.08 0.00	25.07 1.16 -2.36	23.22 1.29 -0.40	21.43 1.14 0.00	20.84 1.14 -0.39	21.00 1.16 -0.23	22.42 1.22 -0.85	23.03 1.35 -0.21	24.18 1.47 -1.13	26.85 1.53 -2.74	33.77 1.56 -8.27	32.58 1.59 -4.57	30.71 1.41 -4.92	25.65 1.34 0.00	24.13 1.27 -1.33	23.10 1.31 -0.30	21.19 1.10 0.00
WATKINRD_115KV_LN8_ILLION 55919	20.56 0.22 0.00	18.74 0.20 0.00	16.33 0.18 0.00	15.76 0.17 0.00	16.77 0.18 0.00	20.32 0.24 0.00	23.52 0.32 0.00	24.33 0.34 0.00	21.77 0.22 0.00	21.77 0.24 0.00	20.51 0.22 0.00	19.48 0.17 0.00	19.79 0.18 0.00	20.55 0.20 0.00	21.64 0.17 0.00	21.79 0.22 0.00	22.78 0.20 0.00	24.14 0.19 0.00	26.61 0.18 0.00	24.55 0.17 0.00	24.49 0.17 0.00	21.68 0.15 0.00	21.66 0.17 0.00	20.27 0.18 0.00
WATSON__69_KV_BK 1 55734	26.21 2.16 -3.72	20.34 1.80 0.00	19.48 1.40 -1.93	19.10 1.37 -2.14	19.14 1.41 -1.14	21.95 1.87 0.00	25.46 2.27 0.00	27.79 2.42 -1.37	26.68 2.37 -2.75	25.56 2.45 -1.57	28.57 2.01 -6.27	28.26 2.03 -6.93	28.53 2.06 -6.86	28.57 2.14 -6.09	29.12 2.34 -5.32	30.82 2.50 -6.74	40.51 2.62 -15.31	43.86 2.75 -17.16	41.37 2.96 -11.98	39.46 2.73 -12.34	38.77 2.67 -11.78	30.60 2.35 -6.72	27.37 2.45 -3.43	25.34 2.11 -3.15
WDELAWARE__HYD 323627	21.44 0.67 -0.43	19.04 0.50 0.00	18.16 0.42 -1.59	17.76 0.40 -1.77	17.96 0.43 -0.94	20.62 0.54 0.00	23.82 0.63 0.00	24.74 0.74 0.00	24.18 0.69 -1.94	22.57 0.71 -0.33	20.86 0.57 0.00	20.19 0.56 -0.32	19.90 0.10 -0.19	21.17 0.12 -0.70	21.81 0.17 -0.18	22.83 0.32 -0.93	25.17 0.34 -2.26	31.09 0.34 -6.81	30.61 0.42 -3.76	28.79 0.37 -4.05	25.24 0.92 0.00	23.44 0.82 -1.10	22.55 0.82 -0.25	20.73 0.64 0.00



WEST BABYLON___IC 23714	26.05 1.99 -3.72	20.21 1.67 0.00	19.37 1.29 -1.93	18.99 1.26 -2.14	19.03 1.29 -1.14	21.79 1.71 0.00	25.28 2.09 0.00	27.59 2.23 -1.37	26.50 2.20 -2.75	25.39 2.28 -1.57	28.45 1.89 -6.27	28.12 1.89 -6.93	28.39 1.92 -6.86	28.45 2.01 -6.09	28.97 2.19 -5.32	30.36 2.33 -6.45	37.84 2.44 -12.83	43.35 2.56 -16.85	40.73 2.75 -11.56	36.75 2.54 -9.83	36.44 2.48 -9.64	30.33 2.17 -6.62	27.19 2.28 -3.43	25.18 1.95 -3.15
WEST CANADA___HYD 24049	20.44 0.10 0.00	18.62 0.07 0.00	16.21 0.06 0.00	15.65 0.06 0.00	16.66 0.07 0.00	20.16 0.08 0.00	23.33 0.14 0.00	24.14 0.14 0.00	21.66 0.11 0.00	21.62 0.09 0.00	20.37 0.08 0.00	19.36 0.06 0.00	19.67 0.06 0.00	20.43 0.08 0.00	21.55 0.09 0.00	21.66 0.09 0.00	22.64 0.07 0.00	24.02 0.07 0.00	26.48 0.05 0.00	24.43 0.05 0.00	24.36 0.05 0.00	21.57 0.04 0.00	21.53 0.04 0.00	20.13 0.04 0.00
WESTERN_NY_WIND 24143	20.38 0.00 -0.04	18.91 0.37 0.00	16.44 0.15 -0.15	15.91 0.16 -0.17	16.83 0.15 -0.09	20.36 0.28 0.00	23.77 0.58 0.00	24.50 0.50 0.00	22.01 0.28 -0.18	21.80 0.24 -0.03	20.57 0.28 0.00	19.36 0.02 -0.03	19.61 -0.02 -0.02	20.35 -0.06 -0.07	21.46 -0.02 -0.02	21.77 0.11 -0.09	23.01 0.25 -0.19	24.93 0.41 -0.57	27.06 0.32 -0.32	25.06 0.34 -0.34	24.80 0.49 0.00	21.90 0.28 -0.09	21.64 0.13 -0.02	20.65 0.56 0.00
WESTOVER___LESR 323668	20.52 0.10 -0.09	18.74 0.20 0.00	16.53 0.06 -0.31	16.03 0.09 -0.35	16.86 0.08 -0.19	20.26 0.18 0.00	23.59 0.39 0.00	24.35 0.36 0.00	22.13 0.19 -0.38	21.88 0.28 -0.06	20.51 0.22 0.00	19.49 0.12 -0.06	19.76 0.12 -0.04	20.55 0.06 -0.14	21.63 0.13 -0.03	21.96 0.19 -0.18	23.25 0.25 -0.42	25.49 0.26 -1.28	27.37 0.24 -0.71	25.36 0.22 -0.76	24.68 0.36 0.00	21.93 0.19 -0.21	21.70 0.17 -0.05	20.35 0.26 0.00
WETHRSFD_WT_PWR 323626	20.15 -0.24 -0.05	18.67 0.13 0.00	16.24 -0.10 -0.19	15.73 -0.06 -0.21	16.60 -0.10 -0.11	20.16 0.08 0.00	23.52 0.32 0.00	24.16 0.17 0.00	21.74 -0.04 -0.23	21.59 0.02 -0.04	20.37 0.08 0.00	19.21 -0.13 -0.04	19.50 -0.14 -0.02	20.16 -0.27 -0.08	21.31 -0.17 -0.02	21.51 -0.17 -0.11	22.78 -0.05 -0.25	24.71 0.02 -0.74	26.71 -0.13 -0.41	24.75 -0.07 -0.44	24.51 0.19 0.00	21.59 -0.06 -0.12	21.43 -0.09 -0.03	20.39 0.30 0.00
WHAVSTOR_138KV_BK127 55557	21.79 0.96 -0.49	19.32 0.78 0.00	18.63 0.66 -1.82	18.25 0.64 -2.02	18.35 0.68 -1.08	20.84 0.76 0.00	24.12 0.93 0.00	24.98 0.98 0.00	24.74 0.97 -2.22	22.96 1.05 -0.38	21.22 0.93 0.00	20.58 0.91 -0.37	20.77 0.94 -0.22	22.13 0.98 -0.80	22.76 1.09 -0.20	23.83 1.19 -1.07	26.40 1.24 -2.58	33.01 1.27 -7.79	32.06 1.32 -4.31	30.21 1.19 -4.63	25.48 1.17 0.00	23.86 1.08 -1.25	22.82 1.05 -0.29	20.95 0.86 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	21.79 0.96 -0.49	19.32 0.78 0.00	18.63 0.66 -1.82	18.25 0.64 -2.02	18.35 0.68 -1.08	20.84 0.76 0.00	24.12 0.93 0.00	24.98 0.98 0.00	24.74 0.97 -2.22	22.96 1.05 -0.38	21.22 0.93 0.00	20.58 0.91 -0.37	20.77 0.94 -0.22	22.13 0.98 -0.80	22.76 1.09 -0.20	23.83 1.19 -1.07	26.40 1.24 -2.58	33.01 1.27 -7.79	32.06 1.32 -4.31	30.21 1.19 -4.63	25.48 1.17 0.00	23.86 1.08 -1.25	22.82 1.05 -0.29	20.95 0.86 0.00
WHITEHAL_115KV_TB1 80871	22.69 1.67 -0.68	20.04 1.50 0.00	19.99 1.32 -2.52	19.64 1.26 -2.79	19.47 1.39 -1.49	21.95 1.87 0.00	25.60 2.41 0.00	26.46 2.47 0.00	26.80 2.18 -3.07	24.01 1.96 -0.52	21.89 1.60 0.00	21.44 1.62 -0.51	21.37 1.45 -0.30	22.92 1.46 -1.11	23.24 1.50 -0.28	24.65 1.60 -1.48	27.88 1.74 -3.57	36.71 1.99 -10.78	34.71 2.33 -5.96	33.01 2.22 -6.41	26.58 2.26 0.00	25.31 2.05 -1.73	23.79 1.91 -0.39	21.75 1.67 0.00
WHITEPLN_13_KV_LOAD 356215	22.10 1.24 -0.52	19.56 1.02 0.00	18.96 0.89 -1.92	18.56 0.84 -2.14	18.63 0.90 -1.14	21.12 1.04 0.00	24.47 1.28 0.00	25.34 1.34 0.00	25.15 1.25 -2.35	23.28 1.36 -0.40	21.55 1.26 0.00	20.86 1.16 -0.39	21.08 1.24 -0.23	22.44 1.24 -0.85	23.09 1.42 -0.21	24.22 1.51 -1.13	26.86 1.56 -2.73	33.76 1.58 -8.24	32.67 1.69 -4.55	30.79 1.51 -4.90	25.82 1.51 0.00	24.21 1.36 -1.33	23.12 1.33 -0.30	21.27 1.19 0.00
WM_FLOYD_69_KV_BK2 356380	26.17 2.12 -3.72	20.32 1.78 0.00	19.47 1.39 -1.93	19.09 1.36 -2.14	19.11 1.38 -1.14	21.93 1.85 0.00	25.42 2.23 0.00	27.74 2.38 -1.37	26.63 2.33 -2.75	25.49 2.39 -1.57	28.49 1.93 -6.27	28.20 1.97 -6.93	28.49 2.02 -6.86	28.53 2.10 -6.09	29.04 2.25 -5.32	31.19 2.48 -7.13	43.88 2.55 -18.76	44.24 2.68 -17.61	41.88 2.88 -12.57	42.89 2.68 -15.83	41.67 2.63 -14.73	30.68 2.30 -6.85	27.34 2.43 -3.43	25.30 2.07 -3.15
WOODARD___115KV_TB2 355635	20.20 -0.16 -0.03	18.45 -0.09 0.00	16.14 -0.11 -0.10	15.61 -0.09 -0.12	16.55 -0.10 -0.06	19.98 -0.10 0.00	23.22 0.02 0.00	24.02 0.02 0.00	21.64 -0.04 -0.13	21.51 -0.04 -0.02	20.21 -0.08 0.00	19.21 -0.12 -0.02	19.50 -0.12 -0.01	20.25 -0.14 -0.05	21.33 -0.15 -0.01	21.57 -0.06 -0.06	22.69 0.00 -0.12	24.31 0.00 -0.36	26.60 -0.03 -0.20	24.60 0.00 -0.22	24.34 0.02 0.00	21.59 0.00 -0.06	21.43 -0.06 -0.01	20.07 -0.02 0.00
YORK___WARBASSE 23770	22.04 1.18 -0.52	19.43 0.89 0.00	18.89 0.81 -1.93	18.48 0.75 -2.14	18.53 0.80 -1.14	20.88 0.80 0.00	24.10 0.90 0.00	25.10 1.10 0.00	25.11 1.21 -2.36	23.26 1.33 -0.40	21.47 1.18 0.00	20.88 1.18 -0.39	21.06 1.22 -0.23	22.46 1.26 -0.85	23.09 1.42 -0.21	24.24 1.53 -1.13	26.94 1.63 -2.74	33.87 1.65 -8.27	32.69 1.69 -4.57	30.81 1.51 -4.92	25.70 1.39 0.00	24.20 1.33 -1.33	23.14 1.35 -0.30	21.23 1.14 0.00