

# Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

09/25/2023

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	18.71	16.70	14.83	14.28	15.10	18.13	23.99	26.89	28.36	28.24	27.79	27.42	26.01	25.81	26.04	27.38	30.00	32.90	35.52	36.35	30.31	27.27	23.19	21.28
24138	1.22	1.02	0.90	0.82	0.85	1.03	1.46	1.88	1.96	1.99	2.08	2.17	2.02	1.99	2.01	2.18	2.00	1.89	1.82	2.12	1.80	1.67	1.64	1.26
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.96	-2.54	-2.54	0.00	0.00	-1.05	-0.93	-0.94	-0.18	-3.58	-6.12	-9.11	-5.53	-2.35	-3.08	0.00	0.00
74TH STREET_GT_1	18.71	16.72	14.85	14.30	15.10	18.15	24.01	26.86	28.32	28.22	27.82	27.40	25.97	25.76	26.00	27.35	29.98	32.95	35.55	36.38	30.31	27.30	23.15	21.30
24260	1.22	1.04	0.92	0.83	0.85	1.04	1.49	1.85	1.91	1.97	2.11	2.15	1.97	1.95	1.96	2.15	1.98	1.94	1.84	2.15	1.80	1.69	1.59	1.28
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.96	-2.54	-2.54	0.00	0.00	-1.05	-0.93	-0.94	-0.18	-3.58	-6.12	-9.11	-5.53	-2.35	-3.08	0.00	0.00
74TH STREET_GT_2	18.71	16.72	14.85	14.30	15.10	18.15	24.01	26.86	28.32	28.22	27.82	27.40	25.97	25.76	26.00	27.35	29.98	32.95	35.55	36.38	30.31	27.30	23.15	21.30
24261	1.22	1.04	0.92	0.83	0.85	1.04	1.49	1.85	1.91	1.97	2.11	2.15	1.97	1.95	1.96	2.15	1.98	1.94	1.84	2.15	1.80	1.69	1.59	1.28
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.96	-2.54	-2.54	0.00	0.00	-1.05	-0.93	-0.94	-0.18	-3.58	-6.12	-9.11	-5.53	-2.35	-3.08	0.00	0.00
ADK HUDSON___FALLS	18.83	16.83	14.95	14.42	15.36	18.54	24.44	27.23	29.03	28.82	27.82	27.32	25.99	25.82	26.05	27.05	30.72	34.58	38.00	37.86	31.29	28.17	23.19	21.32
24011	1.35	1.14	1.02	0.96	1.11	1.44	1.91	1.95	1.91	1.85	2.11	2.07	1.70	1.74	1.76	1.80	1.71	1.84	1.72	2.07	2.12	1.69	1.64	1.30
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.23	-3.25	-3.26	0.00	0.00	-1.35	-1.19	-1.20	-0.23	-4.59	-7.86	-11.69	-7.10	-3.01	-3.95	0.00	0.00
ADK RESOURCE___RCVRY	18.97	16.94	15.03	14.50	15.47	18.69	24.58	27.35	29.15	28.94	27.94	27.44	26.08	25.91	26.15	27.15	30.82	34.71	38.11	37.98	31.42	28.26	23.32	21.40
23798	1.49	1.26	1.10	1.04	1.23	1.59	2.05	2.07	2.03	1.97	2.24	2.20	1.79	1.83	1.85	1.90	1.81	1.97	1.82	2.18	2.25	1.78	1.77	1.38
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.23	-3.25	-3.26	0.00	0.00	-1.35	-1.19	-1.20	-0.23	-4.59	-7.86	-11.69	-7.10	-3.01	-3.96	0.00	0.00
ADK S GLENS___FALLS	18.83	16.83	14.95	14.42	15.36	18.54	24.44	27.23	29.03	28.82	27.82	27.32	25.99	25.82	26.05	27.05	30.72	34.58	38.00	37.86	31.29	28.17	23.19	21.32
24028	1.35	1.14	1.02	0.96	1.11	1.44	1.91	1.95	1.91	1.85	2.11	2.07	1.70	1.74	1.76	1.80	1.71	1.84	1.72	2.07	2.12	1.69	1.64	1.30
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.23	-3.25	-3.26	0.00	0.00	-1.35	-1.19	-1.20	-0.23	-4.59	-7.86	-11.69	-7.10	-3.01	-3.95	0.00	0.00
ADK_NYS___DAM	18.38	16.42	14.61	14.12	14.93	17.91	23.63	26.59	28.32	28.13	27.05	26.66	25.49	25.28	25.51	26.62	30.27	33.98	37.42	37.25	30.62	27.67	22.74	20.82
23527	0.89	0.74	0.68	0.66	0.68	0.80	1.10	1.35	1.29	1.26	1.34	1.41	1.24	1.24	1.25	1.38	1.39	1.47	1.48	1.66	1.54	1.31	1.18	0.80
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.20	-3.16	-3.16	0.00	0.00	-1.31	-1.16	-1.17	-0.23	-4.46	-7.63	-11.35	-6.90	-2.93	-3.84	0.00	0.00
AIR_PRODUCTS___DRP	17.78	15.92	14.21	13.70	14.50	17.41	22.91	25.73	27.49	27.33	26.22	25.78	24.69	24.51	24.73	25.77	29.38	33.06	36.50	36.21	29.64	26.83	21.90	20.20
24190	0.30	0.24	0.28	0.24	0.26	0.31	0.38	0.48	0.45	0.45	0.51	0.53	0.44	0.46	0.46	0.53	0.49	0.52	0.52	0.60	0.55	0.45	0.34	0.18
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.20	-3.17	-3.17	0.00	0.00	-1.32	-1.16	-1.17	-0.23	-4.47	-7.66	-11.39	-6.92	-2.94	-3.85	0.00	0.00
AKWESSNE_115KV_BK	17.12	15.37	13.66	13.21	13.96	16.76	22.10	23.62	23.49	23.31	25.25	24.74	22.51	22.43	22.61	24.47	23.93	24.44	24.15	28.15	25.69	22.16	21.21	19.72
355683	-0.37	-0.31	-0.26	-0.26	-0.28	-0.34	-0.43	-0.43	-0.38	-0.40	-0.46	-0.50	-0.44	-0.46	-0.49	-0.55	-0.49	-0.45	-0.44	-0.55	-0.47	-0.36	-0.34	-0.30
	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	17.78	15.92	14.21	13.70	14.50	17.41	22.91	25.73	27.49	27.33	26.22	25.78	24.69	24.51	24.73	25.77	29.38	33.06	36.50	36.21	29.64	26.83	21.90	20.20
23571	0.30	0.24	0.28	0.24	0.26	0.31	0.38	0.48	0.45	0.45	0.51	0.53	0.44	0.46	0.46	0.53	0.49	0.52	0.52	0.60	0.55	0.45	0.34	0.18
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.20	-3.17	-3.17	0.00	0.00	-1.32	-1.16	-1.17	-0.23	-4.47	-7.66	-11.39	-6.92	-2.94	-3.85	0.00	0.00
ALBANY___2	17.78	15.92	14.21	13.70	14.50	17.41	22.91	25.73	27.49	27.33	26.22	25.78	24.69	24.51	24.73	25.77	29.38	33.06	36.50	36.21	29.64	26.83	21.90	20.20
23572	0.30	0.24	0.28	0.24	0.26	0.31	0.38	0.48	0.45	0.45	0.51	0.53	0.44	0.46	0.46	0.53	0.49	0.52	0.52	0.60	0.55	0.45	0.34	0.18
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.20	-3.17	-3.17	0.00	0.00	-1.32	-1.16	-1.17	-0.23	-4.47	-7.66	-11.39	-6.92	-2.94	-3.85	0.00	0.00
ALBANY___3	17.78	15.92	14.21	13.70	14.50	17.41	22.91	25.73	27.49	27.33	26.22	25.78	24.69	24.51	24.73	25.77	29.38	33.06	36.50	36.21	29.64	26.83	21.90	20.20
23573	0.30	0.24	0.28	0.24	0.26	0.31	0.38	0.48	0.45	0.45	0.51	0.53	0.44	0.46	0.46	0.53	0.49	0.52	0.52	0.60	0.55	0.45	0.34	0.18
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.20	-3.17	-3.17	0.00	0.00	-1.32	-1.16	-1.17	-0.23	-4.47	-7.66	-11.39	-6.92	-2.94	-3.85	0.00	0.00

ALBANY___4 23574	17.78 0.30 0.00	15.92 0.24 0.00	14.21 0.28 0.00	13.70 0.24 0.00	14.50 0.26 0.00	17.41 0.31 0.00	22.91 0.38 0.00	25.73 0.48 -1.20	27.49 0.45 -3.17	27.33 0.45 -3.17	26.22 0.51 0.00	25.78 0.53 0.00	24.69 0.44 -1.32	24.51 0.46 -1.16	24.73 0.46 -1.17	25.77 0.53 -0.23	29.38 0.49 -4.47	33.06 0.52 -7.66	36.50 0.52 -11.39	36.21 0.60 -6.92	29.64 0.55 -2.94	26.83 0.45 -3.85	21.90 0.34 0.00	20.20 0.18 0.00
ALBANY___LFGE 323615	17.96 0.47 0.00	16.06 0.38 0.00	14.32 0.39 0.00	13.82 0.36 0.00	14.64 0.40 0.00	17.58 0.48 0.00	23.16 0.63 0.00	25.98 0.72 -1.21	27.78 0.72 -3.19	27.59 0.69 -3.19	26.48 0.77 0.00	26.06 0.81 0.00	24.93 0.67 -1.32	24.75 0.69 -1.17	24.97 0.69 -1.18	26.05 0.80 -0.23	29.66 0.73 -4.50	33.39 0.80 -7.71	36.82 0.76 -11.47	36.55 0.89 -6.97	29.95 0.84 -2.96	27.08 0.68 -3.88	22.18 0.63 0.00	20.40 0.38 0.00
ALCOA_PA_115KV_PL-6C 55860	17.19 -0.30 0.00	15.45 -0.24 0.00	13.73 -0.20 0.00	13.27 -0.19 0.00	14.03 -0.21 0.00	16.85 -0.26 0.00	22.21 -0.32 0.00	23.86 -0.19 0.00	23.78 -0.10 0.00	23.57 -0.14 0.00	25.53 -0.18 0.00	25.00 -0.25 0.00	22.74 -0.21 0.00	22.66 -0.23 0.00	22.82 -0.28 0.00	24.69 -0.33 0.00	24.15 -0.27 0.00	24.64 -0.25 0.00	24.37 -0.22 0.00	28.38 -0.32 0.00	25.92 -0.24 0.00	22.39 -0.14 0.00	21.44 -0.11 0.00	19.92 -0.10 0.00
ALCOA_RYNLDS___DRP 24188	17.19 -0.30 0.00	15.45 -0.24 0.00	13.73 -0.20 0.00	13.27 -0.19 0.00	14.03 -0.21 0.00	16.85 -0.26 0.00	22.21 -0.32 0.00	23.86 -0.19 0.00	23.78 -0.10 0.00	23.57 -0.14 0.00	25.53 -0.18 0.00	25.00 -0.25 0.00	22.74 -0.21 0.00	22.66 -0.23 0.00	22.82 -0.28 0.00	24.69 -0.33 0.00	24.15 -0.27 0.00	24.64 -0.25 0.00	24.37 -0.22 0.00	28.38 -0.32 0.00	25.92 -0.24 0.00	22.39 -0.14 0.00	21.44 -0.11 0.00	19.92 -0.10 0.00
ALCOA___DSASP 323711	17.19 -0.30 0.00	15.45 -0.23 0.00	13.73 -0.20 0.00	13.27 -0.19 0.00	14.03 -0.21 0.00	16.85 -0.26 0.00	22.21 -0.32 0.00	23.86 -0.19 0.00	23.78 -0.10 0.00	23.57 -0.14 0.00	25.53 -0.18 0.00	25.00 -0.25 0.00	22.74 -0.21 0.00	22.66 -0.23 0.00	22.82 -0.28 0.00	24.69 -0.33 0.00	24.15 -0.27 0.00	24.64 -0.25 0.00	24.37 -0.22 0.00	28.38 -0.31 0.00	25.92 -0.24 0.00	22.39 -0.13 0.00	21.38 -0.17 0.00	19.92 -0.10 0.00
ALLEGHENY___COGEN 23514	18.31 0.82 0.00	16.53 0.85 0.00	14.61 0.68 0.00	14.23 0.77 0.00	15.07 0.83 0.00	18.08 0.97 0.00	23.74 1.22 0.00	25.36 1.15 -0.16	25.34 1.05 -0.42	25.03 0.90 -0.42	26.92 1.21 0.00	26.23 0.98 0.00	23.51 0.39 -0.17	23.71 0.66 -0.15	24.06 0.81 -0.15	26.20 1.15 -0.03	26.16 1.15 -0.59	27.22 1.32 -1.01	27.45 1.35 -1.51	31.39 1.78 -0.91	28.17 1.62 -0.39	24.16 1.13 -0.51	22.65 1.10 0.00	21.16 1.14 0.00
ALTAMONT_115KV_TB 2 55880	18.04 0.56 0.00	16.15 0.47 0.00	14.37 0.45 0.00	13.88 0.42 0.00	14.69 0.44 0.00	17.63 0.53 0.00	23.25 0.72 0.00	26.10 0.84 -1.20	27.88 0.84 -3.17	27.69 0.81 -3.18	26.61 0.90 0.00	26.16 0.91 0.00	25.06 0.80 -1.32	24.85 0.80 -1.16	25.08 0.81 -1.17	26.15 0.90 -0.23	29.76 0.85 -4.48	33.42 0.87 -7.66	36.86 0.86 -11.40	36.62 1.00 -6.93	30.04 0.94 -2.94	27.17 0.79 -3.86	22.24 0.69 0.00	20.54 0.52 0.00
ALTONA_WT_PWR 323606	17.36 -0.12 0.00	15.65 -0.03 0.00	13.94 0.01 0.00	13.49 0.03 0.00	14.27 0.03 0.00	17.15 0.05 0.00	22.62 0.09 0.00	23.86 -0.19 0.00	23.87 0.00 0.00	23.69 -0.02 0.00	25.63 -0.08 0.00	25.05 -0.20 0.00	22.69 -0.25 0.00	22.55 -0.34 0.00	22.63 -0.46 0.00	24.42 -0.60 0.00	24.27 -0.15 0.00	24.86 -0.02 0.00	24.64 0.05 0.00	28.66 -0.03 0.00	26.13 -0.03 0.00	22.57 0.05 0.00	21.47 -0.09 0.00	19.92 -0.10 0.00
AMERICAN_REF_FUEL 24010	17.36 -0.12 0.00	15.75 0.06 0.00	13.97 0.04 0.00	13.64 0.17 0.00	14.44 0.20 0.00	17.19 0.09 0.00	22.14 -0.38 0.00	23.09 -1.11 -0.14	23.17 -1.07 -0.37	23.09 -0.99 -0.37	25.07 -0.64 0.00	24.57 -0.68 0.00	22.25 -0.85 -0.15	22.22 -0.80 -0.14	22.49 -0.74 -0.14	24.42 -0.62 -0.03	24.02 -0.93 -0.53	24.87 -0.92 -0.90	24.87 -1.06 -1.34	28.19 -1.32 -0.81	25.48 -1.02 -0.34	21.99 -0.99 -0.45	20.82 -0.73 0.00	19.88 -0.14 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	18.19 0.70 0.00	16.51 0.83 0.00	14.57 0.64 0.00	14.17 0.71 0.00	15.03 0.78 0.00	17.96 0.85 0.00	23.32 0.79 0.00	24.04 -0.17 -0.16	24.15 -0.14 -0.42	24.13 0.00 -0.42	26.71 1.00 0.00	26.21 0.96 0.00	23.28 0.16 -0.17	23.18 0.14 -0.15	23.50 0.25 -0.15	25.90 0.85 -0.03	25.13 0.12 -0.59	26.05 0.15 -1.01	26.12 0.02 -1.50	29.46 -0.14 -0.91	26.49 -0.05 -0.39	22.83 -0.20 -0.51	21.96 0.41 0.00	20.78 0.76 0.00
ARTHUR_KILL_GT_1 23520	18.60 1.10 -0.01	16.60 0.91 -0.01	14.74 0.81 -0.01	14.18 0.71 -0.01	14.99 0.74 -0.01	18.00 0.89 -0.01	23.80 1.28 0.01	26.66 1.66 -0.95	28.12 1.72 -2.53	28.02 1.78 -2.53	27.55 1.85 0.01	27.19 1.94 0.01	25.80 1.81 -1.04	25.60 1.79 -0.92	25.83 1.80 -0.93	27.17 1.98 -0.17	29.85 1.86 -3.57	32.77 1.77 -6.12	35.42 1.72 -9.10	36.20 1.98 -5.53	30.01 1.52 -2.34	27.15 1.55 -3.07	23.05 1.51 0.01	21.15 1.12 -0.01
ARTHUR_KILL_2 23512	18.56 1.07 -0.01	16.57 0.88 -0.01	14.72 0.78 -0.01	14.16 0.69 -0.01	14.96 0.71 -0.01	17.97 0.85 -0.01	23.73 1.22 0.01	26.59 1.59 -0.95	28.07 1.67 -2.53	27.97 1.73 -2.53	27.50 1.80 0.01	27.14 1.89 0.01	25.73 1.74 -1.04	25.55 1.74 -0.92	25.76 1.73 -0.93	27.12 1.93 -0.17	29.77 1.78 -3.57	32.70 1.69 -6.12	35.34 1.65 -9.10	36.11 1.89 -5.53	29.96 1.46 -2.34	27.09 1.49 -3.07	22.99 1.44 0.01	21.11 1.08 -0.01
ARTHUR_KILL_3 23513	18.57 1.08 0.00	16.59 0.91 0.00	14.74 0.81 0.00	14.19 0.73 0.00	14.99 0.74 0.00	18.01 0.91 0.00	23.81 1.28 0.00	26.62 1.61 -0.96	28.05 1.65 -2.54	27.93 1.68 -2.54	27.48 1.77 0.00	27.12 1.87 0.00	25.76 1.77 -1.05	25.58 1.76 -0.93	25.76 1.73 -0.94	27.10 1.90 -0.18	29.68 1.68 -3.58	32.63 1.62 -6.12	35.25 1.55 -9.11	36.04 1.81 -5.53	30.05 1.54 -2.35	27.07 1.46 -3.08	23.02 1.47 0.00	21.14 1.12 0.00
ARTHUR_KILL_COGEN 323718	18.60 1.10 -0.01	16.60 0.91 -0.01	14.74 0.81 -0.01	14.18 0.71 -0.01	14.99 0.74 -0.01	18.00 0.89 -0.01	23.80 1.28 0.01	26.66 1.66 -0.95	28.12 1.72 -2.53	28.02 1.78 -2.53	27.55 1.85 0.01	27.19 1.94 0.01	25.80 1.81 -1.04	25.60 1.79 -0.92	25.83 1.80 -0.93	27.17 1.98 -0.17	29.85 1.86 -3.57	32.77 1.77 -6.12	35.42 1.72 -9.10	36.20 1.98 -5.53	30.01 1.52 -2.34	27.15 1.55 -3.07	23.05 1.51 0.01	21.15 1.12 -0.01
ASHOKAN____ 23654	18.34 0.86 0.00	16.42 0.74 0.00	14.60 0.67 0.00	14.08 0.62 0.00	14.90 0.66 0.00	17.80 0.70 0.00	23.54 1.01 0.00	25.64 0.53 -1.06	27.22 0.55 -2.80	27.04 0.52 -2.80	26.71 1.00 0.00	26.23 0.98 0.00	24.45 0.34 -1.16	24.24 0.32 -1.03	24.52 0.39 -1.03	26.17 0.95 -0.20	28.76 0.39 -3.95	32.20 0.55 -6.76	35.27 0.62 -10.07	35.58 0.77 -6.11	29.40 0.65 -2.59	26.34 0.41 -3.40	22.46 0.91 0.00	20.76 0.74 0.00

ASTORIA_EAST_ENERGY_CC1 323581	18.77 1.28 -0.01	16.80 1.11 -0.01	14.93 0.99 -0.01	14.38 0.92 -0.01	15.19 0.94 -0.01	18.26 1.15 -0.01	24.04 1.51 -0.01	26.85 1.83 -0.97	28.30 1.89 -2.54	28.18 1.92 -2.55	27.75 2.03 -0.01	27.30 2.04 -0.01	25.91 1.90 -1.06	25.70 1.88 -0.94	25.93 1.89 -0.94	27.28 2.08 -0.19	29.96 1.95 -3.59	32.93 1.92 -6.13	35.58 1.87 -9.12	36.39 2.15 -5.54	30.24 1.73 -2.36	27.31 1.69 -3.09	23.24 1.68 -0.01	21.39 1.36 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	18.77 1.28 -0.01	16.80 1.11 -0.01	14.93 0.99 -0.01	14.38 0.92 -0.01	15.19 0.94 -0.01	18.26 1.15 -0.01	24.04 1.51 -0.01	26.85 1.83 -0.97	28.30 1.89 -2.54	28.18 1.92 -2.55	27.75 2.03 -0.01	27.30 2.04 -0.01	25.91 1.90 -1.06	25.70 1.88 -0.94	25.93 1.89 -0.94	27.28 2.08 -0.19	29.96 1.95 -3.59	32.93 1.92 -6.13	35.58 1.87 -9.12	36.39 2.15 -5.54	30.24 1.73 -2.36	27.31 1.69 -3.09	23.24 1.68 -0.01	21.39 1.36 -0.01
ASTORIA_GT2_1 24094	18.77 1.28 -0.01	16.80 1.11 -0.01	14.93 0.99 -0.01	14.38 0.92 -0.01	15.19 0.94 -0.01	18.26 1.15 -0.01	24.04 1.51 -0.01	26.85 1.83 -0.97	28.30 1.89 -2.54	28.18 1.92 -2.55	27.80 2.08 -0.01	27.33 2.07 -0.01	25.91 1.90 -1.06	25.70 1.88 -0.94	25.93 1.89 -0.94	27.29 2.08 -0.19	29.94 1.93 -3.59	32.93 1.92 -6.13	35.58 1.87 -9.12	36.39 2.15 -5.54	30.25 1.73 -2.36	27.30 1.69 -3.09	23.20 1.64 -0.01	21.39 1.36 -0.01
ASTORIA_GT2_2 24095	18.77 1.28 -0.01	16.80 1.11 -0.01	14.93 0.99 -0.01	14.38 0.92 -0.01	15.19 0.94 -0.01	18.26 1.15 -0.01	24.04 1.51 -0.01	26.85 1.83 -0.97	28.30 1.89 -2.54	28.18 1.92 -2.55	27.80 2.08 -0.01	27.33 2.07 -0.01	25.91 1.90 -1.06	25.70 1.88 -0.94	25.93 1.89 -0.94	27.29 2.08 -0.19	29.94 1.93 -3.59	32.93 1.92 -6.13	35.58 1.87 -9.12	36.39 2.15 -5.54	30.25 1.73 -2.36	27.30 1.69 -3.09	23.20 1.64 -0.01	21.39 1.36 -0.01
ASTORIA_GT2_3 24096	18.77 1.28 -0.01	16.80 1.11 -0.01	14.93 0.99 -0.01	14.38 0.92 -0.01	15.19 0.94 -0.01	18.26 1.15 -0.01	24.04 1.51 -0.01	26.85 1.83 -0.97	28.30 1.89 -2.54	28.18 1.92 -2.55	27.80 2.08 -0.01	27.33 2.07 -0.01	25.91 1.90 -1.06	25.70 1.88 -0.94	25.93 1.89 -0.94	27.29 2.08 -0.19	29.94 1.93 -3.59	32.93 1.92 -6.13	35.58 1.87 -9.12	36.39 2.15 -5.54	30.25 1.73 -2.36	27.30 1.69 -3.09	23.20 1.64 -0.01	21.39 1.36 -0.01
ASTORIA_GT2_4 24097	18.77 1.28 -0.01	16.80 1.11 -0.01	14.93 0.99 -0.01	14.38 0.92 -0.01	15.19 0.94 -0.01	18.26 1.15 -0.01	24.04 1.51 -0.01	26.85 1.83 -0.97	28.30 1.89 -2.54	28.18 1.92 -2.55	27.80 2.08 -0.01	27.33 2.07 -0.01	25.91 1.90 -1.06	25.70 1.88 -0.94	25.93 1.89 -0.94	27.29 2.08 -0.19	29.94 1.93 -3.59	32.93 1.92 -6.13	35.58 1.87 -9.12	36.39 2.15 -5.54	30.25 1.73 -2.36	27.30 1.69 -3.09	23.20 1.64 -0.01	21.39 1.36 -0.01
ASTORIA_GT3_1 24098	18.77 1.28 -0.01	16.80 1.11 -0.01	14.93 0.99 -0.01	14.38 0.92 -0.01	15.19 0.94 -0.01	18.26 1.15 -0.01	24.04 1.51 -0.01	26.85 1.83 -0.97	28.30 1.89 -2.54	28.18 1.92 -2.55	27.80 2.08 -0.01	27.33 2.07 -0.01	25.91 1.90 -1.06	25.70 1.88 -0.94	25.93 1.89 -0.94	27.29 2.08 -0.19	29.94 1.93 -3.59	32.93 1.92 -6.13	35.58 1.87 -9.12	36.39 2.15 -5.54	30.25 1.73 -2.36	27.30 1.69 -3.09	23.20 1.64 -0.01	21.39 1.36 -0.01
ASTORIA_GT3_2 24099	18.77 1.28 -0.01	16.80 1.11 -0.01	14.93 0.99 -0.01	14.38 0.92 -0.01	15.19 0.94 -0.01	18.26 1.15 -0.01	24.04 1.51 -0.01	26.85 1.83 -0.97	28.30 1.89 -2.54	28.18 1.92 -2.55	27.80 2.08 -0.01	27.33 2.07 -0.01	25.91 1.90 -1.06	25.70 1.88 -0.94	25.93 1.89 -0.94	27.29 2.08 -0.19	29.94 1.93 -3.59	32.93 1.92 -6.13	35.58 1.87 -9.12	36.39 2.15 -5.54	30.25 1.73 -2.36	27.30 1.69 -3.09	23.20 1.64 -0.01	21.39 1.36 -0.01
ASTORIA_GT3_3 24100	18.77 1.28 -0.01	16.80 1.11 -0.01	14.93 0.99 -0.01	14.38 0.92 -0.01	15.19 0.94 -0.01	18.26 1.15 -0.01	24.04 1.51 -0.01	26.85 1.83 -0.97	28.30 1.89 -2.54	28.18 1.92 -2.55	27.80 2.08 -0.01	27.33 2.07 -0.01	25.91 1.90 -1.06	25.70 1.88 -0.94	25.93 1.89 -0.94	27.29 2.08 -0.19	29.94 1.93 -3.59	32.93 1.92 -6.13	35.58 1.87 -9.12	36.39 2.15 -5.54	30.25 1.73 -2.36	27.30 1.69 -3.09	23.20 1.64 -0.01	21.39 1.36 -0.01
ASTORIA_GT3_4 24101	18.77 1.28 -0.01	16.80 1.11 -0.01	14.93 0.99 -0.01	14.38 0.92 -0.01	15.19 0.94 -0.01	18.26 1.15 -0.01	24.04 1.51 -0.01	26.85 1.83 -0.97	28.30 1.89 -2.54	28.18 1.92 -2.55	27.80 2.08 -0.01	27.33 2.07 -0.01	25.91 1.90 -1.06	25.70 1.88 -0.94	25.93 1.89 -0.94	27.29 2.08 -0.19	29.94 1.93 -3.59	32.93 1.92 -6.13	35.58 1.87 -9.12	36.39 2.15 -5.54	30.25 1.73 -2.36	27.30 1.69 -3.09	23.20 1.64 -0.01	21.39 1.36 -0.01
ASTORIA_GT4_1 24102	18.77 1.28 -0.01	16.80 1.11 -0.01	14.93 0.99 -0.01	14.38 0.92 -0.01	15.19 0.94 -0.01	18.26 1.15 -0.01	24.04 1.51 -0.01	26.85 1.83 -0.97	28.30 1.89 -2.54	28.18 1.92 -2.55	27.80 2.08 -0.01	27.33 2.07 -0.01	25.91 1.90 -1.06	25.70 1.88 -0.94	25.93 1.89 -0.94	27.29 2.08 -0.19	29.94 1.93 -3.59	32.93 1.92 -6.13	35.58 1.87 -9.12	36.39 2.15 -5.54	30.25 1.73 -2.36	27.30 1.69 -3.09	23.20 1.64 -0.01	21.39 1.36 -0.01
ASTORIA_GT4_2 24103	18.77 1.28 -0.01	16.80 1.11 -0.01	14.93 0.99 -0.01	14.38 0.92 -0.01	15.19 0.94 -0.01	18.26 1.15 -0.01	24.04 1.51 -0.01	26.85 1.83 -0.97	28.30 1.89 -2.54	28.18 1.92 -2.55	27.80 2.08 -0.01	27.33 2.07 -0.01	25.91 1.90 -1.06	25.70 1.88 -0.94	25.93 1.89 -0.94	27.29 2.08 -0.19	29.94 1.93 -3.59	32.93 1.92 -6.13	35.58 1.87 -9.12	36.39 2.15 -5.54	30.25 1.73 -2.36	27.30 1.69 -3.09	23.20 1.64 -0.01	21.39 1.36 -0.01
ASTORIA_GT4_3 24104	18.77 1.28 -0.01	16.80 1.11 -0.01	14.93 0.99 -0.01	14.38 0.92 -0.01	15.19 0.94 -0.01	18.26 1.15 -0.01	24.04 1.51 -0.01	26.85 1.83 -0.97	28.30 1.89 -2.54	28.18 1.92 -2.55	27.80 2.08 -0.01	27.33 2.07 -0.01	25.91 1.90 -1.06	25.70 1.88 -0.94	25.93 1.89 -0.94	27.29 2.08 -0.19	29.94 1.93 -3.59	32.93 1.92 -6.13	35.58 1.87 -9.12	36.39 2.15 -5.54	30.25 1.73 -2.36	27.30 1.69 -3.09	23.20 1.64 -0.01	21.39 1.36 -0.01
ASTORIA_GT4_4 24105	18.77 1.28 -0.01	16.80 1.11 -0.01	14.93 0.99 -0.01	14.38 0.92 -0.01	15.19 0.94 -0.01	18.26 1.15 -0.01	24.04 1.51 -0.01	26.85 1.83 -0.97	28.30 1.89 -2.54	28.18 1.92 -2.55	27.80 2.08 -0.01	27.33 2.07 -0.01	25.91 1.90 -1.06	25.70 1.88 -0.94	25.93 1.89 -0.94	27.29 2.08 -0.19	29.94 1.93 -3.59	32.93 1.92 -6.13	35.58 1.87 -9.12	36.39 2.15 -5.54	30.25 1.73 -2.36	27.30 1.69 -3.09	23.20 1.64 -0.01	21.39 1.36 -0.01
ASTORIA_GT_1 23523	18.80 1.31 -0.01	16.83 1.14 -0.01	14.95 1.02 -0.01	14.40 0.93 -0.01	15.21 0.95 -0.01	18.27 1.16 -0.01	24.07 1.53 -0.01	26.90 1.88 -0.97	28.35 1.93 -2.54	28.22 1.97 -2.55	27.80 2.08 -0.01	27.35 2.09 -0.01	25.95 1.95 -1.06	25.75 1.92 -0.94	25.98 1.94 -0.94	27.33 2.13 -0.19	30.01 2.00 -3.59	32.98 1.97 -6.13	35.63 1.92 -9.12	36.44 2.21 -5.54	30.29 1.78 -2.36	27.35 1.73 -3.09	23.28 1.72 -0.01	21.43 1.40 -0.01

ASTORIA_GT_10 24110	18.73 1.24 -0.01	16.73 1.04 -0.01	14.86 0.92 -0.01	14.30 0.83 -0.01	15.12 0.87 -0.01	18.17 1.06 -0.01	24.00 1.46 -0.01	26.85 1.83 -0.97	28.30 1.89 -2.54	30.25 1.92 -4.62	27.77 2.06 -0.01	27.40 2.10 -0.06	27.40 1.95 -2.51	27.40 1.92 -2.59	27.40 1.94 -2.36	28.35 2.10 -1.23	29.94 1.93 -3.59	32.91 1.89 -6.13	35.50 1.80 -9.11	36.32 2.09 -5.53	30.20 1.70 -2.35	27.28 1.67 -3.09	23.15 1.59 -0.01	21.31 1.28 -0.01
ASTORIA_GT_11 24225	18.73 1.24 -0.01	16.73 1.04 -0.01	14.86 0.92 -0.01	14.30 0.83 -0.01	15.12 0.87 -0.01	18.17 1.06 -0.01	24.00 1.46 -0.01	26.85 1.83 -0.97	28.30 1.89 -2.54	30.25 1.92 -4.62	27.77 2.06 -0.01	27.40 2.10 -0.06	27.40 1.95 -2.51	27.40 1.92 -2.59	27.40 1.94 -2.36	28.35 2.10 -1.23	29.94 1.93 -3.59	32.91 1.89 -6.13	35.50 1.80 -9.11	36.32 2.09 -5.53	30.20 1.70 -2.35	27.28 1.67 -3.09	23.15 1.59 -0.01	21.31 1.28 -0.01
ASTORIA_GT_12 24226	18.73 1.24 -0.01	16.73 1.04 -0.01	14.86 0.92 -0.01	14.30 0.83 -0.01	15.12 0.87 -0.01	18.17 1.06 -0.01	24.00 1.46 -0.01	26.85 1.83 -0.97	28.30 1.89 -2.54	30.25 1.92 -4.62	27.77 2.06 -0.01	27.40 2.10 -0.06	27.40 1.95 -2.51	27.40 1.92 -2.59	27.40 1.94 -2.36	28.35 2.10 -1.23	29.94 1.93 -3.59	32.91 1.89 -6.13	35.50 1.80 -9.11	36.32 2.09 -5.53	30.20 1.70 -2.35	27.28 1.67 -3.09	23.15 1.59 -0.01	21.31 1.28 -0.01
ASTORIA_GT_13 24227	18.73 1.24 -0.01	16.73 1.04 -0.01	14.86 0.92 -0.01	14.30 0.83 -0.01	15.12 0.87 -0.01	18.17 1.06 -0.01	24.00 1.46 -0.01	26.85 1.83 -0.97	28.30 1.89 -2.54	30.25 1.92 -4.62	27.77 2.06 -0.01	27.40 2.10 -0.06	27.40 1.95 -2.51	27.40 1.92 -2.59	27.40 1.94 -2.36	28.35 2.10 -1.23	29.94 1.93 -3.59	32.91 1.89 -6.13	35.50 1.80 -9.11	36.32 2.09 -5.53	30.20 1.70 -2.35	27.28 1.67 -3.09	23.15 1.59 -0.01	21.31 1.28 -0.01
ASTORIA_GT_5 24106	18.80 1.31 -0.01	16.83 1.14 -0.01	14.95 1.02 -0.01	14.40 0.93 -0.01	15.21 0.95 -0.01	18.27 1.16 -0.01	24.07 1.53 -0.01	26.90 1.88 -0.97	28.35 1.93 -2.54	28.22 1.97 -2.55	27.80 2.08 -0.01	27.35 2.09 -0.01	25.95 1.95 -1.06	25.75 1.92 -0.94	25.98 1.94 -0.94	27.33 2.13 -0.19	30.01 2.00 -3.59	32.98 1.97 -6.13	35.63 1.92 -9.12	36.44 2.21 -5.54	30.29 1.78 -2.36	27.35 1.73 -3.09	23.28 1.72 -0.01	21.43 1.40 -0.01
ASTORIA_GT_7 24107	18.80 1.31 -0.01	16.83 1.14 -0.01	14.95 1.02 -0.01	14.40 0.93 -0.01	15.21 0.95 -0.01	18.27 1.16 -0.01	24.07 1.53 -0.01	26.90 1.88 -0.97	28.35 1.93 -2.54	28.22 1.97 -2.55	27.80 2.08 -0.01	27.35 2.09 -0.01	25.95 1.95 -1.06	25.75 1.92 -0.94	25.98 1.94 -0.94	27.33 2.13 -0.19	30.01 2.00 -3.59	32.98 1.97 -6.13	35.63 1.92 -9.12	36.44 2.21 -5.54	30.29 1.78 -2.36	27.35 1.73 -3.09	23.28 1.72 -0.01	21.43 1.40 -0.01
ASTORIA_GT_8 24108	18.80 1.31 -0.01	16.83 1.14 -0.01	14.95 1.02 -0.01	14.40 0.93 -0.01	15.21 0.95 -0.01	18.27 1.16 -0.01	24.07 1.53 -0.01	26.90 1.88 -0.97	28.35 1.93 -2.54	28.22 1.97 -2.55	27.85 2.13 -0.01	27.35 2.10 -0.01	25.95 1.95 -1.06	25.75 1.92 -0.94	25.98 1.94 -0.94	27.34 2.13 -0.19	29.99 1.98 -3.59	32.98 1.97 -6.13	35.63 1.92 -9.12	36.44 2.21 -5.54	30.30 1.78 -2.36	27.35 1.73 -3.09	23.22 1.66 -0.01	21.43 1.40 -0.01
ASTORIA___2 24149	18.77 1.28 -0.01	16.80 1.11 -0.01	14.93 0.99 -0.01	14.38 0.92 -0.01	15.19 0.94 -0.01	18.26 1.15 -0.01	24.04 1.51 -0.01	26.85 1.83 -0.97	28.30 1.89 -2.54	28.18 1.92 -2.55	27.75 2.03 -0.01	27.30 2.04 -0.01	25.91 1.90 -1.06	25.70 1.88 -0.94	25.93 1.89 -0.94	27.28 2.08 -0.19	29.96 1.95 -3.59	32.93 1.92 -6.13	35.58 1.87 -9.12	36.39 2.15 -5.54	30.24 1.73 -2.36	27.31 1.69 -3.09	23.24 1.68 -0.01	21.39 1.36 -0.01
ASTORIA___3 23516	18.73 1.24 -0.01	16.72 1.03 -0.01	14.86 0.92 -0.01	14.30 0.83 -0.01	15.12 0.87 -0.01	18.17 1.06 -0.01	24.00 1.46 -0.01	26.85 1.83 -0.97	28.30 1.89 -2.54	30.25 1.92 -4.62	27.75 2.03 -0.01	27.40 2.09 -0.06	27.40 1.95 -2.51	27.40 1.92 -2.59	27.40 1.94 -2.36	28.35 2.10 -1.23	29.94 1.93 -3.59	32.91 1.89 -6.13	35.50 1.79 -9.11	36.32 2.09 -5.53	30.23 1.73 -2.35	27.28 1.67 -3.09	23.20 1.64 -0.01	21.31 1.28 -0.01
ASTORIA___4 23517	18.73 1.24 -0.01	16.73 1.04 -0.01	14.86 0.92 -0.01	14.30 0.83 -0.01	15.12 0.87 -0.01	18.17 1.06 -0.01	24.00 1.46 -0.01	26.85 1.83 -0.97	28.30 1.89 -2.54	30.25 1.92 -4.62	27.77 2.06 -0.01	27.40 2.10 -0.06	27.40 1.95 -2.51	27.40 1.92 -2.59	27.40 1.94 -2.36	28.35 2.10 -1.23	29.94 1.93 -3.59	32.91 1.89 -6.13	35.50 1.80 -9.11	36.32 2.09 -5.53	30.20 1.70 -2.35	27.28 1.67 -3.09	23.15 1.59 -0.01	21.31 1.28 -0.01
ASTORIA___5 23518	18.73 1.24 -0.01	16.72 1.03 -0.01	14.86 0.92 -0.01	14.30 0.83 -0.01	15.12 0.87 -0.01	18.17 1.06 -0.01	24.00 1.46 -0.01	26.85 1.83 -0.97	28.30 1.89 -2.54	30.25 1.92 -4.62	27.75 2.03 -0.01	27.40 2.09 -0.06	27.40 1.95 -2.51	27.40 1.92 -2.59	27.40 1.94 -2.36	28.35 2.10 -1.23	29.94 1.93 -3.59	32.91 1.89 -6.13	35.50 1.79 -9.11	36.32 2.09 -5.53	30.20 1.70 -2.35	27.28 1.67 -3.09	23.20 1.64 -0.01	21.31 1.28 -0.01
AST_ENERGY_2_CC3 323677	18.60 1.12 0.00	16.62 0.94 0.00	14.76 0.84 0.00	14.21 0.75 0.00	15.01 0.77 0.00	18.04 0.94 0.00	23.86 1.33 0.00	26.70 1.68 -0.96	28.15 1.74 -2.54	28.03 1.78 -2.54	27.56 1.85 0.00	27.19 1.94 0.00	25.81 1.81 -1.05	25.63 1.81 -0.93	25.83 1.80 -0.94	27.18 1.98 -0.18	29.78 1.78 -3.58	32.73 1.72 -6.12	35.35 1.65 -9.11	36.15 1.92 -5.53	30.13 1.62 -2.35	27.14 1.53 -3.08	23.06 1.51 0.00	21.18 1.16 0.00
AST_ENERGY_2_CC4 323678	18.60 1.12 0.00	16.62 0.94 0.00	14.76 0.84 0.00	14.21 0.75 0.00	15.01 0.77 0.00	18.04 0.94 0.00	23.86 1.33 0.00	26.70 1.68 -0.96	28.15 1.74 -2.54	28.03 1.78 -2.54	27.56 1.85 0.00	27.19 1.94 0.00	25.81 1.81 -1.05	25.63 1.81 -0.93	25.83 1.80 -0.94	27.18 1.98 -0.18	29.78 1.78 -3.58	32.73 1.72 -6.12	35.35 1.65 -9.11	36.15 1.92 -5.53	30.13 1.62 -2.35	27.14 1.53 -3.08	23.06 1.51 0.00	21.18 1.16 0.00
ATHENS_STG_1 23668	18.19 0.70 0.00	16.28 0.60 0.00	14.46 0.53 0.00	13.96 0.50 0.00	14.76 0.51 0.00	17.72 0.61 0.00	23.36 0.83 0.00	26.13 1.01 -1.07	27.72 1.03 -2.82	27.58 1.04 -2.82	26.81 1.10 0.00	26.39 1.14 0.00	25.15 1.03 -1.17	24.93 1.01 -1.04	25.18 1.04 -1.04	26.37 1.15 -0.20	29.48 1.07 -3.98	32.77 1.07 -6.81	35.77 1.03 -10.14	36.06 1.20 -6.16	29.87 1.10 -2.61	26.90 0.95 -3.43	22.46 0.91 0.00	20.68 0.66 0.00
ATHENS_STG_2 23670	18.19 0.70 0.00	16.28 0.60 0.00	14.46 0.53 0.00	13.96 0.50 0.00	14.76 0.51 0.00	17.72 0.61 0.00	23.36 0.83 0.00	26.13 1.01 -1.07	27.72 1.03 -2.82	27.58 1.04 -2.82	26.81 1.10 0.00	26.39 1.14 0.00	25.15 1.03 -1.17	24.93 1.01 -1.04	25.18 1.04 -1.04	26.37 1.15 -0.20	29.48 1.07 -3.98	32.77 1.07 -6.81	35.77 1.03 -10.14	36.06 1.20 -6.16	29.87 1.10 -2.61	26.90 0.95 -3.43	22.46 0.91 0.00	20.68 0.66 0.00

ATHENS_STG_3 23677	18.19 0.70 0.00	16.28 0.60 0.00	14.46 0.53 0.00	13.96 0.50 0.00	14.76 0.51 0.00	17.72 0.61 0.00	23.36 0.83 0.00	26.13 1.01 -1.07	27.72 1.03 -2.82	27.58 1.04 -2.82	26.81 1.10 0.00	26.39 1.14 0.00	25.15 1.03 -1.17	24.93 1.01 -1.04	25.18 1.04 -1.04	26.37 1.15 -0.20	29.48 1.07 -3.98	32.77 1.07 -6.81	35.77 1.03 -10.14	36.06 1.20 -6.16	29.87 1.10 -2.61	26.90 0.95 -3.43	22.46 0.91 0.00	20.68 0.66 0.00
AUBURN____LFGE 323710	17.73 0.24 0.00	15.92 0.24 0.00	14.12 0.20 0.00	13.68 0.22 0.00	14.49 0.24 0.00	17.41 0.31 0.00	22.96 0.43 0.00	24.51 0.34 -0.12	24.47 0.29 -0.32	24.36 0.33 -0.32	26.15 0.44 0.00	25.68 0.43 0.00	23.40 0.32 -0.13	23.35 0.34 -0.12	23.56 0.35 -0.12	25.44 0.40 -0.02	25.26 0.39 -0.45	26.05 0.40 -0.77	26.15 0.42 -1.14	29.90 0.52 -0.69	26.92 0.47 -0.29	23.27 0.36 -0.39	21.92 0.37 0.00	20.38 0.36 0.00
BABYLON_RES_REC 323704	19.11 1.63 0.00	17.06 1.38 0.00	15.11 1.18 0.00	14.52 1.06 0.00	15.36 1.11 0.00	18.62 1.51 -0.01	24.42 1.89 0.00	27.37 2.36 -0.96	28.92 2.51 -2.55	28.75 2.49 -2.55	28.30 2.57 -0.02	28.69 2.60 -0.83	27.22 2.36 -1.92	27.47 2.34 -2.25	27.94 2.38 -2.47	29.14 2.63 -1.49	30.48 2.47 -3.60	33.58 2.56 -6.13	36.42 2.48 -9.35	37.39 2.90 -5.80	31.05 2.54 -2.36	27.98 2.16 -3.29	23.76 2.20 -0.01	21.83 1.80 -0.01
BABYLON__69_KV_BK2 356345	19.34 1.85 0.00	17.27 1.58 0.00	15.29 1.37 0.00	14.69 1.22 0.00	15.54 1.30 0.00	18.85 1.74 0.00	24.69 2.16 0.00	27.68 2.67 -0.96	29.25 2.84 -2.54	29.07 2.82 -2.54	28.68 2.96 -0.02	29.06 2.98 -0.83	27.54 2.68 -1.92	27.79 2.66 -2.25	28.27 2.70 -2.47	29.51 3.00 -1.49	30.85 2.83 -3.60	33.99 2.96 -6.14	37.24 2.83 -9.82	38.35 3.30 -6.36	31.47 2.96 -2.36	28.30 2.48 -3.29	23.99 2.44 0.00	22.08 2.06 0.00
BALL_HILL_WT_PWR 323825	17.97 0.49 0.00	16.29 0.61 0.00	14.40 0.47 0.00	14.04 0.58 0.00	14.89 0.64 0.00	17.77 0.67 0.00	23.05 0.52 0.00	23.75 -0.46 -0.15	23.85 -0.43 -0.41	23.81 -0.31 -0.41	26.15 0.44 0.00	25.80 0.56 0.00	22.95 -0.16 -0.17	22.90 -0.14 -0.15	23.20 -0.05 -0.15	25.52 0.48 -0.03	24.80 -0.20 -0.58	25.67 -0.20 -0.99	25.76 -0.30 -1.47	29.12 -0.46 -0.89	26.27 -0.26 -0.38	22.62 -0.41 -0.50	21.79 0.24 0.00	20.66 0.64 0.00
BARON_WINDS____WT_PWR 323822	17.90 0.42 0.00	16.17 0.49 0.00	14.30 0.38 0.00	13.93 0.47 0.00	14.77 0.53 0.00	17.68 0.58 0.00	23.09 0.56 0.00	24.21 -0.05 -0.21	24.37 -0.05 -0.54	24.25 0.00 -0.54	26.35 0.64 0.00	25.85 0.60 0.00	23.24 0.07 -0.22	23.18 0.09 -0.20	23.41 0.12 -0.20	25.58 0.53 -0.04	25.23 0.05 -0.76	26.27 0.07 -1.31	26.59 0.05 -1.95	29.90 0.03 -1.18	26.79 0.13 -0.50	23.14 -0.04 -0.66	21.94 0.39 0.00	20.58 0.56 0.00
BARRETT_IC_1 23704	18.96 1.47 -0.01	16.94 1.26 0.00	15.00 1.07 0.00	14.42 0.96 0.00	15.24 1.00 0.00	18.45 1.33 -0.01	24.15 1.62 0.00	27.01 2.00 -0.96	28.52 2.10 -2.54	28.39 2.13 -2.55	27.94 2.21 -0.02	28.33 2.25 -0.83	26.90 2.04 -1.92	27.15 2.01 -2.25	27.62 2.05 -2.47	28.76 2.25 -1.49	30.09 2.07 -3.60	33.18 2.16 -6.13	35.81 2.09 -9.12	36.67 2.44 -5.54	30.66 2.15 -2.36	27.64 1.82 -3.29	23.52 1.96 -0.01	21.64 1.60 -0.02
BARRETT_IC_10 23701	18.96 1.47 -0.01	16.94 1.26 0.00	15.00 1.07 0.00	14.42 0.96 0.00	15.24 1.00 0.00	18.45 1.33 -0.01	24.15 1.62 0.00	27.01 2.00 -0.96	28.52 2.10 -2.54	28.39 2.13 -2.55	27.94 2.21 -0.02	28.33 2.25 -0.83	26.90 2.04 -1.92	27.15 2.01 -2.25	27.62 2.05 -2.47	28.76 2.25 -1.49	30.09 2.07 -3.60	33.18 2.16 -6.13	35.81 2.09 -9.12	36.67 2.44 -5.54	30.66 2.15 -2.36	27.64 1.82 -3.29	23.52 1.96 -0.01	21.64 1.60 -0.02
BARRETT_IC_11 23702	18.96 1.47 -0.01	16.94 1.26 0.00	15.00 1.07 0.00	14.42 0.96 0.00	15.24 1.00 0.00	18.45 1.33 -0.01	24.15 1.62 0.00	27.01 2.00 -0.96	28.52 2.10 -2.54	28.39 2.13 -2.55	27.94 2.21 -0.02	28.33 2.25 -0.83	26.90 2.04 -1.92	27.15 2.01 -2.25	27.62 2.05 -2.47	28.76 2.25 -1.49	30.09 2.07 -3.60	33.18 2.16 -6.13	35.81 2.09 -9.12	36.67 2.44 -5.54	30.66 2.15 -2.36	27.64 1.82 -3.29	23.52 1.96 -0.01	21.64 1.60 -0.02
BARRETT_IC_12 23703	18.96 1.47 -0.01	16.94 1.26 0.00	15.00 1.07 0.00	14.42 0.96 0.00	15.24 1.00 0.00	18.45 1.33 -0.01	24.15 1.62 0.00	27.01 2.00 -0.96	28.52 2.10 -2.54	28.39 2.13 -2.55	27.94 2.21 -0.02	28.33 2.25 -0.83	26.90 2.04 -1.92	27.15 2.01 -2.25	27.62 2.05 -2.47	28.76 2.25 -1.49	30.09 2.07 -3.60	33.18 2.16 -6.13	35.81 2.09 -9.12	36.67 2.44 -5.54	30.66 2.15 -2.36	27.64 1.82 -3.29	23.52 1.96 -0.01	21.64 1.60 -0.02
BARRETT_IC_2 23705	18.96 1.47 -0.01	16.94 1.26 0.00	15.00 1.07 0.00	14.42 0.96 0.00	15.24 1.00 0.00	18.45 1.33 -0.01	24.15 1.62 0.00	27.01 2.00 -0.96	28.52 2.10 -2.54	28.39 2.13 -2.55	27.94 2.21 -0.02	28.33 2.25 -0.83	26.90 2.04 -1.92	27.15 2.01 -2.25	27.62 2.05 -2.47	28.76 2.25 -1.49	30.09 2.07 -3.60	33.18 2.16 -6.13	35.81 2.09 -9.12	36.67 2.44 -5.54	30.66 2.15 -2.36	27.64 1.82 -3.29	23.52 1.96 -0.01	21.64 1.60 -0.02
BARRETT_IC_3 23706	18.96 1.47 -0.01	16.94 1.26 0.00	15.00 1.07 0.00	14.42 0.96 0.00	15.24 1.00 0.00	18.45 1.33 -0.01	24.15 1.62 0.00	27.01 2.00 -0.96	28.52 2.10 -2.54	28.39 2.13 -2.55	27.94 2.21 -0.02	28.33 2.25 -0.83	26.90 2.04 -1.92	27.15 2.01 -2.25	27.62 2.05 -2.47	28.76 2.25 -1.49	30.09 2.07 -3.60	33.18 2.16 -6.13	35.81 2.09 -9.12	36.67 2.44 -5.54	30.66 2.15 -2.36	27.64 1.82 -3.29	23.52 1.96 -0.01	21.64 1.60 -0.02
BARRETT_IC_4 23707	18.96 1.47 -0.01	16.94 1.26 0.00	15.00 1.07 0.00	14.42 0.96 0.00	15.24 1.00 0.00	18.45 1.33 -0.01	24.15 1.62 0.00	27.01 2.00 -0.96	28.52 2.10 -2.54	28.39 2.13 -2.55	27.94 2.21 -0.02	28.33 2.25 -0.83	26.90 2.04 -1.92	27.15 2.01 -2.25	27.62 2.05 -2.47	28.76 2.25 -1.49	30.09 2.07 -3.60	33.18 2.16 -6.13	35.81 2.09 -9.12	36.67 2.44 -5.54	30.66 2.15 -2.36	27.64 1.82 -3.29	23.52 1.96 -0.01	21.64 1.60 -0.02
BARRETT_IC_5 23708	18.96 1.47 -0.01	16.94 1.26 0.00	15.00 1.07 0.00	14.42 0.96 0.00	15.24 1.00 0.00	18.45 1.33 -0.01	24.15 1.62 0.00	27.01 2.00 -0.96	28.52 2.10 -2.54	28.39 2.13 -2.55	27.94 2.21 -0.02	28.33 2.25 -0.83	26.90 2.04 -1.92	27.15 2.01 -2.25	27.62 2.05 -2.47	28.76 2.25 -1.49	30.09 2.07 -3.60	33.18 2.16 -6.13	35.81 2.09 -9.12	36.67 2.44 -5.54	30.66 2.15 -2.36	27.64 1.82 -3.29	23.52 1.96 -0.01	21.64 1.60 -0.02
BARRETT_IC_6 23709	18.96 1.47 -0.01	16.94 1.26 0.00	15.00 1.07 0.00	14.42 0.96 0.00	15.24 1.00 0.00	18.45 1.33 -0.01	24.15 1.62 0.00	27.01 2.00 -0.96	28.52 2.10 -2.54	28.39 2.13 -2.55	27.94 2.21 -0.02	28.33 2.25 -0.83	26.90 2.04 -1.92	27.15 2.01 -2.25	27.62 2.05 -2.47	28.76 2.25 -1.49	30.09 2.07 -3.60	33.18 2.16 -6.13	35.81 2.09 -9.12	36.67 2.44 -5.54	30.66 2.15 -2.36	27.64 1.82 -3.29	23.52 1.96 -0.01	21.64 1.60 -0.02

BARRETT_IC_7 23710	18.95 1.47 0.00	16.94 1.25 0.00	15.00 1.07 0.00	14.42 0.96 0.00	15.24 1.00 0.00	18.44 1.33 0.00	24.15 1.62 0.00	27.01 2.00 -0.96	28.51 2.10 -2.54	28.38 2.13 -2.54	27.96 2.24 -0.02	28.33 2.25 -0.83	26.90 2.04 -1.92	27.15 2.01 -2.25	27.62 2.06 -2.47	28.76 2.25 -1.49	30.09 2.08 -3.60	33.18 2.17 -6.13	35.80 2.09 -9.12	36.67 2.44 -5.54	30.65 2.14 -2.35	27.64 1.82 -3.29	23.45 1.90 0.00	21.62 1.60 0.00
BARRETT_IC_8 23711	18.96 1.47 -0.01	16.94 1.26 0.00	15.00 1.07 0.00	14.42 0.96 0.00	15.24 1.00 0.00	18.45 1.33 -0.01	24.15 1.62 0.00	27.01 2.00 -0.96	28.52 2.10 -2.54	28.39 2.13 -2.55	27.94 2.21 -0.02	28.33 2.25 -0.83	26.90 2.04 -1.92	27.15 2.01 -2.25	27.62 2.05 -2.47	28.76 2.25 -1.49	30.09 2.07 -3.60	33.18 2.16 -6.13	35.81 2.09 -9.12	36.67 2.44 -5.54	30.66 2.15 -2.36	27.64 1.82 -3.29	23.52 1.96 -0.01	21.64 1.60 -0.02
BARRETT_IC_9 23700	18.96 1.47 -0.01	16.94 1.26 0.00	15.00 1.07 0.00	14.42 0.96 0.00	15.24 1.00 0.00	18.45 1.33 -0.01	24.15 1.62 0.00	27.01 2.00 -0.96	28.52 2.10 -2.54	28.39 2.13 -2.55	27.94 2.21 -0.02	28.33 2.25 -0.83	26.90 2.04 -1.92	27.15 2.01 -2.25	27.62 2.05 -2.47	28.76 2.25 -1.49	30.09 2.07 -3.60	33.18 2.16 -6.13	35.81 2.09 -9.12	36.67 2.44 -5.54	30.66 2.15 -2.36	27.64 1.82 -3.29	23.52 1.96 -0.01	21.64 1.60 -0.02
BARRETT___1 23545	18.96 1.47 -0.01	16.94 1.26 0.00	15.00 1.07 0.00	14.42 0.96 0.00	15.24 1.00 0.00	18.45 1.33 -0.01	24.15 1.62 0.00	27.01 2.00 -0.96	28.52 2.10 -2.54	28.39 2.13 -2.55	27.94 2.21 -0.02	28.33 2.25 -0.83	26.90 2.04 -1.92	27.15 2.01 -2.25	27.62 2.05 -2.47	28.76 2.25 -1.49	30.09 2.07 -3.60	33.18 2.16 -6.13	35.81 2.09 -9.12	36.67 2.44 -5.54	30.66 2.15 -2.36	27.64 1.82 -3.29	23.52 1.96 -0.01	21.64 1.60 -0.02
BARRETT___2 23546	18.96 1.47 -0.01	16.94 1.26 0.00	15.00 1.07 0.00	14.42 0.96 0.00	15.24 1.00 0.00	18.45 1.33 -0.01	24.15 1.62 0.00	27.01 2.00 -0.96	28.52 2.10 -2.54	28.39 2.13 -2.55	27.94 2.21 -0.02	28.33 2.25 -0.83	26.90 2.04 -1.92	27.15 2.01 -2.25	27.62 2.05 -2.47	28.76 2.25 -1.49	30.09 2.07 -3.60	33.18 2.16 -6.13	35.81 2.09 -9.12	36.67 2.44 -5.54	30.66 2.15 -2.36	27.64 1.82 -3.29	23.52 1.96 -0.01	21.64 1.60 -0.02
BATAVIA___115KV_TB1 55881	17.85 0.37 0.00	16.15 0.47 0.00	14.32 0.39 0.00	13.96 0.50 0.00	14.79 0.54 0.00	17.65 0.55 0.00	22.93 0.41 0.00	24.18 0.00 -0.13	24.24 0.02 -0.34	24.13 0.07 -0.34	25.97 0.26 0.00	25.55 0.30 0.00	23.18 0.09 -0.14	23.18 0.16 -0.13	23.50 0.28 -0.13	25.52 0.48 -0.02	25.17 0.27 -0.48	25.99 0.27 -0.83	26.00 0.17 -1.23	29.61 0.17 -0.75	26.76 0.29 -0.32	22.94 0.00 -0.42	21.70 0.15 0.00	20.54 0.52 0.00
BAYONEEC___CTG1 323682	18.62 1.14 0.00	16.64 0.96 0.00	14.78 0.85 0.00	14.23 0.77 0.00	15.03 0.78 0.00	18.06 0.96 0.00	23.88 1.35 0.00	26.72 1.71 -0.96	28.17 1.77 -2.54	28.05 1.80 -2.54	27.58 1.88 0.00	27.22 1.97 0.00	25.83 1.84 -1.05	25.65 1.83 -0.93	25.86 1.82 -0.94	27.20 2.00 -0.18	29.81 1.81 -3.58	32.75 1.74 -6.12	35.35 1.65 -9.11	36.18 1.95 -5.53	30.15 1.65 -2.35	27.16 1.55 -3.08	23.08 1.53 0.00	21.20 1.18 0.00
BAYONEEC___CTG10 323750	18.62 1.14 0.00	16.64 0.96 0.00	14.78 0.85 0.00	14.23 0.77 0.00	15.03 0.78 0.00	18.06 0.96 0.00	23.88 1.35 0.00	26.72 1.71 -0.96	28.17 1.77 -2.54	28.05 1.80 -2.54	27.58 1.88 0.00	27.22 1.97 0.00	25.83 1.84 -1.05	25.65 1.83 -0.93	25.86 1.82 -0.94	27.20 2.00 -0.18	29.81 1.81 -3.58	32.75 1.74 -6.12	35.35 1.65 -9.11	36.18 1.95 -5.53	30.15 1.65 -2.35	27.16 1.55 -3.08	23.08 1.53 0.00	21.20 1.18 0.00
BAYONEEC___CTG2 323683	18.62 1.14 0.00	16.64 0.96 0.00	14.78 0.85 0.00	14.23 0.77 0.00	15.03 0.78 0.00	18.06 0.96 0.00	23.88 1.35 0.00	26.72 1.71 -0.96	28.17 1.77 -2.54	28.05 1.80 -2.54	27.58 1.88 0.00	27.22 1.97 0.00	25.83 1.84 -1.05	25.65 1.83 -0.93	25.86 1.82 -0.94	27.20 2.00 -0.18	29.81 1.81 -3.58	32.75 1.74 -6.12	35.35 1.65 -9.11	36.18 1.95 -5.53	30.15 1.65 -2.35	27.16 1.55 -3.08	23.08 1.53 0.00	21.20 1.18 0.00
BAYONEEC___CTG3 323684	18.62 1.14 0.00	16.64 0.96 0.00	14.78 0.85 0.00	14.23 0.77 0.00	15.03 0.78 0.00	18.06 0.96 0.00	23.88 1.35 0.00	26.72 1.71 -0.96	28.17 1.77 -2.54	28.05 1.80 -2.54	27.58 1.88 0.00	27.22 1.97 0.00	25.83 1.84 -1.05	25.65 1.83 -0.93	25.86 1.82 -0.94	27.20 2.00 -0.18	29.81 1.81 -3.58	32.75 1.74 -6.12	35.35 1.65 -9.11	36.18 1.95 -5.53	30.15 1.65 -2.35	27.16 1.55 -3.08	23.08 1.53 0.00	21.20 1.18 0.00
BAYONEEC___CTG4 323685	18.62 1.14 0.00	16.64 0.96 0.00	14.78 0.85 0.00	14.23 0.77 0.00	15.03 0.78 0.00	18.06 0.96 0.00	23.88 1.35 0.00	26.72 1.71 -0.96	28.17 1.77 -2.54	28.05 1.80 -2.54	27.58 1.88 0.00	27.22 1.97 0.00	25.83 1.84 -1.05	25.65 1.83 -0.93	25.86 1.82 -0.94	27.20 2.00 -0.18	29.81 1.81 -3.58	32.75 1.74 -6.12	35.35 1.65 -9.11	36.18 1.95 -5.53	30.15 1.65 -2.35	27.16 1.55 -3.08	23.08 1.53 0.00	21.20 1.18 0.00
BAYONEEC___CTG5 323686	18.62 1.14 0.00	16.64 0.96 0.00	14.78 0.85 0.00	14.23 0.77 0.00	15.03 0.78 0.00	18.06 0.96 0.00	23.88 1.35 0.00	26.72 1.71 -0.96	28.17 1.77 -2.54	28.05 1.80 -2.54	27.58 1.88 0.00	27.22 1.97 0.00	25.83 1.84 -1.05	25.65 1.83 -0.93	25.86 1.82 -0.94	27.20 2.00 -0.18	29.81 1.81 -3.58	32.75 1.74 -6.12	35.35 1.65 -9.11	36.18 1.95 -5.53	30.15 1.65 -2.35	27.16 1.55 -3.08	23.08 1.53 0.00	21.20 1.18 0.00
BAYONEEC___CTG6 323687	18.62 1.14 0.00	16.64 0.96 0.00	14.78 0.85 0.00	14.23 0.77 0.00	15.03 0.78 0.00	18.06 0.96 0.00	23.88 1.35 0.00	26.72 1.71 -0.96	28.17 1.77 -2.54	28.05 1.80 -2.54	27.58 1.88 0.00	27.22 1.97 0.00	25.83 1.84 -1.05	25.65 1.83 -0.93	25.86 1.82 -0.94	27.20 2.00 -0.18	29.81 1.81 -3.58	32.75 1.74 -6.12	35.35 1.65 -9.11	36.18 1.95 -5.53	30.15 1.65 -2.35	27.16 1.55 -3.08	23.08 1.53 0.00	21.20 1.18 0.00
BAYONEEC___CTG7 323688	18.62 1.14 0.00	16.64 0.96 0.00	14.78 0.85 0.00	14.23 0.77 0.00	15.03 0.78 0.00	18.06 0.96 0.00	23.88 1.35 0.00	26.72 1.71 -0.96	28.17 1.77 -2.54	28.05 1.80 -2.54	27.58 1.88 0.00	27.22 1.97 0.00	25.83 1.84 -1.05	25.65 1.83 -0.93	25.86 1.82 -0.94	27.20 2.00 -0.18	29.81 1.81 -3.58	32.75 1.74 -6.12	35.35 1.65 -9.11	36.18 1.95 -5.53	30.15 1.65 -2.35	27.16 1.55 -3.08	23.08 1.53 0.00	21.20 1.18 0.00
BAYONEEC___CTG8 323689	18.62 1.14 0.00	16.64 0.96 0.00	14.78 0.85 0.00	14.23 0.77 0.00	15.03 0.78 0.00	18.06 0.96 0.00	23.88 1.35 0.00	26.72 1.71 -0.96	28.17 1.77 -2.54	28.05 1.80 -2.54	27.58 1.88 0.00	27.22 1.97 0.00	25.83 1.84 -1.05	25.65 1.83 -0.93	25.86 1.82 -0.94	27.20 2.00 -0.18	29.81 1.81 -3.58	32.75 1.74 -6.12	35.35 1.65 -9.11	36.18 1.95 -5.53	30.15 1.65 -2.35	27.16 1.55 -3.08	23.08 1.53 0.00	21.20 1.18 0.00

BAYONEEC___CTG9 323749	18.62 1.14 0.00	16.64 0.96 0.00	14.78 0.85 0.00	14.23 0.77 0.00	15.03 0.78 0.00	18.06 0.96 0.00	23.88 1.35 0.00	26.72 1.71 -0.96	28.17 1.77 -2.54	28.05 1.80 -2.54	27.58 1.88 0.00	27.22 1.97 0.00	25.83 1.84 -1.05	25.65 1.83 -0.93	25.86 1.82 -0.94	27.20 2.00 -0.18	29.81 1.81 -3.58	32.75 1.74 -6.12	35.35 1.65 -9.11	36.18 1.95 -5.53	30.15 1.65 -2.35	27.16 1.55 -3.08	23.08 1.53 0.00	21.20 1.18 0.00
BEACON___LESR 323632	18.04 0.56 0.00	16.14 0.46 0.00	14.37 0.45 0.00	13.88 0.42 0.00	14.71 0.47 0.00	17.70 0.60 0.00	23.38 0.86 0.00	26.14 0.89 -1.20	27.90 0.86 -3.17	27.73 0.85 -3.17	26.71 1.00 0.00	26.28 1.04 0.00	25.11 0.85 -1.31	24.92 0.87 -1.16	25.16 0.90 -1.17	26.27 1.03 -0.23	29.84 0.95 -4.47	33.58 1.05 -7.65	36.98 1.01 -11.38	36.78 1.18 -6.91	30.19 1.10 -2.93	27.28 0.90 -3.85	22.35 0.80 0.00	20.56 0.54 0.00
BEAVER RIVER___HYD 24048	17.47 -0.02 0.00	15.68 0.00 0.00	13.93 0.00 0.00	13.45 -0.01 0.00	14.26 0.01 0.00	17.19 0.09 0.00	22.69 0.16 0.00	24.37 0.29 -0.03	24.25 0.29 -0.09	23.99 0.19 -0.09	25.91 0.20 0.00	25.35 0.10 0.00	23.00 0.02 -0.04	22.90 -0.02 -0.03	23.11 -0.02 -0.03	25.05 0.03 -0.01	24.62 0.07 -0.13	25.23 0.13 -0.22	25.11 0.20 -0.32	29.21 0.32 -0.20	26.47 0.23 -0.08	22.88 0.25 -0.11	21.75 0.19 0.00	20.16 0.14 0.00
BEEBEE_GT_13 23619	17.55 0.07 0.00	15.82 0.14 0.00	14.01 0.08 0.00	13.62 0.16 0.00	14.43 0.19 0.00	17.27 0.17 0.00	22.62 0.09 0.00	24.31 0.14 -0.11	24.31 0.14 -0.29	24.15 0.14 -0.29	25.71 0.00 0.00	25.25 0.00 0.00	23.25 0.18 -0.12	23.25 0.25 -0.11	23.50 0.30 -0.11	25.24 0.20 -0.02	25.17 0.34 -0.41	25.92 0.32 -0.70	25.89 0.25 -1.05	29.65 0.32 -0.64	26.77 0.34 -0.27	23.01 0.14 -0.35	21.49 -0.06 0.00	20.18 0.16 0.00
BENSHRST_27_KV_BENSHRST_1 355998	18.79 1.29 -0.01	16.77 1.08 -0.01	14.90 0.96 -0.01	14.34 0.87 -0.01	15.15 0.90 -0.01	18.19 1.08 -0.01	24.07 1.53 -0.01	26.94 1.92 -0.97	28.42 2.01 -2.54	30.39 2.06 -4.62	27.93 2.21 -0.01	27.55 2.25 -0.06	27.52 2.06 -2.51	27.54 2.06 -2.59	27.52 2.06 -2.36	28.52 2.28 -1.23	30.11 2.10 -3.59	33.06 2.04 -6.13	35.67 1.97 -9.11	36.52 2.30 -5.53	30.31 1.80 -2.35	27.39 1.78 -3.09	23.24 1.68 -0.01	21.37 1.34 -0.01
BETHLEHEM___GRP 23843	17.78 0.30 0.00	15.92 0.24 0.00	14.21 0.28 0.00	13.70 0.24 0.00	14.50 0.26 0.00	17.41 0.31 0.00	22.91 0.38 0.00	25.73 0.48 -1.20	27.49 0.45 -3.17	27.33 0.45 -3.17	26.22 0.51 0.00	25.78 0.53 0.00	24.69 0.44 -1.32	24.51 0.46 -1.16	24.73 0.46 -1.17	25.77 0.53 -0.23	29.38 0.49 -4.47	33.06 0.52 -7.66	36.50 0.52 -11.39	36.21 0.60 -6.92	29.64 0.55 -2.94	26.83 0.45 -3.85	21.90 0.34 0.00	20.20 0.18 0.00
BETHLEHEM___GS1 323560	17.78 0.30 0.00	15.92 0.24 0.00	14.21 0.28 0.00	13.70 0.24 0.00	14.50 0.26 0.00	17.41 0.31 0.00	22.91 0.38 0.00	25.73 0.48 -1.20	27.49 0.45 -3.17	27.33 0.45 -3.17	26.20 0.49 0.00	25.78 0.53 0.00	24.69 0.43 -1.32	24.51 0.46 -1.16	24.73 0.46 -1.17	25.77 0.53 -0.23	29.38 0.49 -4.47	33.07 0.52 -7.66	36.50 0.52 -11.39	36.21 0.60 -6.92	29.64 0.55 -2.94	26.83 0.45 -3.85	21.94 0.39 0.00	20.20 0.18 0.00
BETHLEHEM___GS2 323561	17.78 0.30 0.00	15.92 0.24 0.00	14.21 0.28 0.00	13.70 0.24 0.00	14.50 0.26 0.00	17.41 0.31 0.00	22.91 0.38 0.00	25.73 0.48 -1.20	27.49 0.45 -3.17	27.33 0.45 -3.17	26.20 0.49 0.00	25.78 0.53 0.00	24.69 0.43 -1.32	24.51 0.46 -1.16	24.73 0.46 -1.17	25.77 0.53 -0.23	29.38 0.49 -4.47	33.07 0.52 -7.66	36.50 0.52 -11.39	36.21 0.60 -6.92	29.64 0.55 -2.94	26.83 0.45 -3.85	21.94 0.39 0.00	20.20 0.18 0.00
BETHLEHEM___GS3 323562	17.78 0.30 0.00	15.92 0.24 0.00	14.21 0.28 0.00	13.70 0.24 0.00	14.50 0.26 0.00	17.41 0.31 0.00	22.91 0.38 0.00	25.73 0.48 -1.20	27.49 0.45 -3.17	27.33 0.45 -3.17	26.20 0.49 0.00	25.78 0.53 0.00	24.69 0.43 -1.32	24.51 0.46 -1.16	24.73 0.46 -1.17	25.77 0.53 -0.23	29.38 0.49 -4.47	33.07 0.52 -7.66	36.50 0.52 -11.39	36.21 0.60 -6.92	29.64 0.55 -2.94	26.83 0.45 -3.85	21.94 0.39 0.00	20.20 0.18 0.00
BETHLEHEM___STEEL 23779	17.92 0.44 0.00	16.23 0.55 0.00	14.35 0.42 0.00	14.00 0.54 0.00	14.84 0.60 0.00	17.72 0.62 0.00	22.98 0.45 0.00	23.65 -0.55 -0.15	23.74 -0.53 -0.40	23.71 -0.40 -0.40	25.99 0.28 0.00	25.68 0.43 0.00	22.86 -0.25 -0.16	22.81 -0.23 -0.15	23.08 -0.16 -0.15	25.40 0.35 -0.03	24.66 -0.32 -0.56	25.52 -0.32 -0.96	25.60 -0.42 -1.43	28.96 -0.60 -0.87	26.16 -0.37 -0.37	22.51 -0.50 -0.48	21.70 0.15 0.00	20.62 0.60 0.00
BETHLHEM_115KV_TB1 79974	17.83 0.35 0.00	15.96 0.28 0.00	14.24 0.31 0.00	13.74 0.28 0.00	14.54 0.30 0.00	17.46 0.36 0.00	22.98 0.45 0.00	25.81 0.55 -1.20	27.57 0.53 -3.17	27.40 0.52 -3.17	26.30 0.59 0.00	25.86 0.61 0.00	24.79 0.53 -1.31	24.58 0.53 -1.16	24.80 0.53 -1.17	25.85 0.60 -0.23	29.46 0.56 -4.47	33.14 0.60 -7.65	36.57 0.59 -11.39	36.30 0.69 -6.92	29.72 0.63 -2.93	26.90 0.52 -3.85	21.96 0.41 0.00	20.26 0.24 0.00
BETHPAGE_CC_5 323564	19.06 1.57 0.00	17.01 1.33 0.00	15.07 1.14 0.00	14.48 1.02 0.00	15.31 1.07 0.00	18.55 1.44 -0.01	24.31 1.78 0.00	27.18 2.17 -0.96	28.71 2.29 -2.54	28.58 2.33 -2.55	28.12 2.39 -0.02	28.51 2.42 -0.83	27.06 2.20 -1.92	27.31 2.18 -2.25	27.78 2.22 -2.47	28.96 2.45 -1.49	30.29 2.27 -3.60	33.35 2.34 -6.13	36.04 2.26 -9.18	36.98 2.67 -5.61	30.84 2.33 -2.36	27.80 1.98 -3.29	23.63 2.07 -0.01	21.71 1.68 -0.01
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	17.99 0.51 0.00	16.29 0.61 0.00	14.40 0.47 0.00	14.05 0.59 0.00	14.90 0.66 0.00	17.79 0.68 0.00	23.07 0.54 0.00	23.60 -0.60 -0.15	23.72 -0.55 -0.40	23.69 -0.43 -0.40	26.15 0.44 0.00	25.80 0.56 0.00	22.83 -0.28 -0.17	22.78 -0.25 -0.15	23.06 -0.18 -0.15	25.52 0.48 -0.03	24.65 -0.34 -0.57	25.51 -0.35 -0.97	25.62 -0.42 -1.44	28.97 -0.60 -0.88	26.14 -0.39 -0.37	22.52 -0.50 -0.49	21.81 0.26 0.00	20.70 0.68 0.00
BINGHAMTON___COGEN 23790	17.85 0.37 0.00	16.06 0.38 0.00	14.24 0.31 0.00	13.78 0.32 0.00	14.60 0.36 0.00	17.51 0.41 0.00	23.00 0.47 0.00	24.62 0.26 -0.30	24.93 0.26 -0.79	24.79 0.28 -0.79	26.25 0.54 0.00	25.80 0.56 0.00	23.57 0.30 -0.33	23.50 0.32 -0.29	23.71 0.32 -0.29	25.60 0.53 -0.06	25.86 0.32 -1.12	27.13 0.32 -1.91	27.79 0.34 -2.85	30.82 0.40 -1.73	27.28 0.39 -0.73	23.76 0.27 -0.96	21.98 0.43 0.00	20.46 0.44 0.00
BIXINCNT_115KV_LOAD 355685	18.13 0.65 0.00	16.45 0.77 0.00	14.53 0.60 0.00	14.17 0.71 0.00	15.04 0.80 0.00	17.96 0.86 0.00	23.27 0.74 0.00	23.51 -0.70 -0.16	23.69 -0.60 -0.42	23.75 -0.38 -0.42	26.63 0.93 0.00	26.28 1.04 0.00	22.89 -0.23 -0.17	22.79 -0.25 -0.15	23.07 -0.18 -0.16	25.77 0.73 -0.03	24.57 -0.44 -0.59	25.53 -0.37 -1.02	25.69 -0.42 -1.51	28.95 -0.66 -0.92	26.18 -0.37 -0.39	22.52 -0.52 -0.51	22.11 0.56 0.00	20.94 0.92 0.00

BLACK RIVER___HYD 24047	17.83 0.35 0.00	16.03 0.34 0.00	14.21 0.28 0.00	13.73 0.27 0.00	14.54 0.30 0.00	17.58 0.48 0.00	23.20 0.68 0.00	24.93 0.82 -0.06	24.76 0.74 -0.15	24.43 0.57 -0.15	26.35 0.64 0.00	25.75 0.50 0.00	23.35 0.34 -0.06	23.26 0.32 -0.06	23.52 0.37 -0.06	25.50 0.47 -0.01	25.20 0.56 -0.21	25.90 0.65 -0.37	25.92 0.79 -0.54	30.09 1.06 -0.33	27.19 0.89 -0.14	23.48 0.77 -0.18	22.22 0.67 0.00	20.58 0.56 0.00
BLACKRVR_115KV_TB2 79977	17.83 0.35 0.00	16.03 0.35 0.00	14.21 0.28 0.00	13.73 0.27 0.00	14.54 0.30 0.00	17.58 0.48 0.00	23.20 0.68 0.00	24.93 0.82 -0.06	24.76 0.74 -0.15	24.43 0.57 -0.15	26.33 0.62 0.00	25.75 0.50 0.00	23.35 0.34 -0.06	23.27 0.32 -0.06	23.52 0.37 -0.06	25.51 0.48 -0.01	25.20 0.56 -0.21	25.90 0.65 -0.37	25.92 0.79 -0.54	30.08 1.06 -0.33	27.19 0.89 -0.14	23.50 0.79 -0.18	22.22 0.67 0.00	20.58 0.56 0.00
BLISS_WT_PWR 323608	18.11 0.63 0.00	16.43 0.75 0.00	14.51 0.58 0.00	14.17 0.71 0.00	15.04 0.80 0.00	17.96 0.85 0.00	23.25 0.72 0.00	23.46 -0.75 -0.16	23.67 -0.62 -0.42	23.78 -0.36 -0.42	26.81 1.10 0.00	26.31 1.06 0.00	22.91 -0.21 -0.17	22.79 -0.25 -0.15	23.04 -0.21 -0.16	25.78 0.73 -0.03	24.55 -0.46 -0.59	25.55 -0.35 -1.02	25.69 -0.42 -1.51	28.95 -0.66 -0.92	26.15 -0.39 -0.39	22.54 -0.50 -0.51	22.11 0.56 0.00	20.92 0.90 0.00
BLUESTONE___WT_PWR 323821	18.53 1.05 0.00	16.67 0.99 0.00	14.76 0.84 0.00	14.27 0.81 0.00	15.11 0.87 0.00	18.23 1.13 0.00	23.95 1.42 0.00	25.89 1.49 -0.35	26.24 1.46 -0.91	25.97 1.35 -0.91	27.43 1.72 0.00	26.89 1.64 0.00	24.58 1.26 -0.38	24.48 1.26 -0.33	24.75 1.32 -0.34	26.71 1.63 -0.07	27.17 1.47 -1.28	28.63 1.54 -2.20	29.46 1.60 -3.27	32.63 1.95 -1.99	28.73 1.73 -0.84	25.01 1.37 -1.11	22.95 1.40 0.00	21.26 1.24 0.00
BLUE_CIRC_CHEM_DRP 24182	18.08 0.59 0.00	16.18 0.50 0.00	14.40 0.47 0.00	13.91 0.44 0.00	14.73 0.48 0.00	17.68 0.58 0.00	23.32 0.79 0.00	26.10 0.87 -1.18	27.80 0.81 -3.11	27.63 0.81 -3.12	26.63 0.93 0.00	26.16 0.91 0.00	25.02 0.78 -1.29	24.81 0.78 -1.14	25.03 0.79 -1.15	26.14 0.90 -0.22	29.67 0.85 -4.40	33.28 0.87 -7.52	36.67 0.89 -11.19	36.52 1.03 -6.80	30.01 0.97 -2.88	27.12 0.81 -3.79	22.26 0.71 0.00	20.54 0.52 0.00
BOC_GAS_DRP 24189	17.97 0.49 0.00	16.09 0.41 0.00	14.32 0.39 0.00	13.82 0.36 0.00	14.63 0.38 0.00	17.55 0.44 0.00	23.14 0.61 0.00	25.97 0.72 -1.20	27.75 0.72 -3.16	27.59 0.71 -3.17	26.51 0.80 0.00	26.06 0.81 0.00	24.97 0.71 -1.31	24.76 0.71 -1.16	24.98 0.72 -1.17	26.05 0.80 -0.23	29.64 0.76 -4.47	33.28 0.75 -7.64	36.70 0.74 -11.37	36.46 0.86 -6.91	29.90 0.81 -2.93	27.05 0.68 -3.85	22.13 0.58 0.00	20.44 0.42 0.00
BOONVILLE_115KV_TB1 79983	17.76 0.28 0.00	15.93 0.25 0.00	14.15 0.22 0.00	13.68 0.22 0.00	14.47 0.23 0.00	17.44 0.34 0.00	22.98 0.45 0.00	24.64 0.55 -0.03	24.50 0.55 -0.08	24.29 0.50 -0.08	26.27 0.57 0.00	25.75 0.50 0.00	23.37 0.39 -0.03	23.29 0.37 -0.03	23.50 0.37 -0.03	25.50 0.48 -0.01	25.00 0.46 -0.12	25.59 0.50 -0.20	25.43 0.54 -0.30	29.56 0.69 -0.18	26.81 0.58 -0.08	23.12 0.50 -0.10	21.98 0.43 0.00	20.40 0.38 0.00
BORALEX_4TH_BRANCH 23824	18.38 0.89 0.00	16.42 0.74 0.00	14.61 0.68 0.00	14.12 0.66 0.00	14.93 0.68 0.00	17.91 0.80 0.00	23.63 1.10 0.00	26.60 1.35 -1.20	28.32 1.29 -3.16	28.13 1.26 -3.16	27.10 1.39 0.00	26.66 1.41 0.00	25.49 1.24 -1.31	25.28 1.24 -1.16	25.51 1.25 -1.17	26.62 1.38 -0.23	30.27 1.39 -4.46	33.98 1.47 -7.63	37.42 1.48 -11.35	37.25 1.66 -6.90	30.63 1.54 -2.93	27.65 1.28 -3.84	22.65 1.10 0.00	20.82 0.80 0.00
BOWLINE___1 23526	18.43 0.94 0.00	16.50 0.81 0.00	14.64 0.71 0.00	14.11 0.65 0.00	14.91 0.67 0.00	17.91 0.80 0.00	23.63 1.10 0.00	26.33 1.37 -0.91	27.70 1.43 -2.39	27.55 1.45 -2.40	27.25 1.54 0.00	26.84 1.59 0.00	25.41 1.47 -0.99	25.21 1.44 -0.88	25.44 1.46 -0.88	26.79 1.60 -0.17	29.29 1.49 -3.38	32.14 1.47 -5.78	34.62 1.43 -8.60	35.58 1.66 -5.23	29.81 1.44 -2.22	26.70 1.26 -2.91	22.78 1.23 0.00	20.96 0.94 0.00
BOWLINE___2 23595	18.43 0.94 0.00	16.50 0.81 0.00	14.64 0.71 0.00	14.12 0.66 0.00	14.91 0.67 0.00	17.91 0.80 0.00	23.63 1.10 0.00	26.33 1.37 -0.91	27.70 1.43 -2.39	27.55 1.45 -2.40	27.25 1.54 0.00	26.84 1.59 0.00	25.41 1.47 -0.99	25.21 1.44 -0.88	25.44 1.46 -0.88	26.79 1.60 -0.17	29.29 1.49 -3.38	32.14 1.47 -5.78	34.65 1.45 -8.61	35.58 1.66 -5.23	29.81 1.44 -2.22	26.70 1.26 -2.91	22.78 1.23 0.00	20.96 0.94 0.00
BRADY___115KV_TB2 356060	17.28 -0.21 0.00	15.53 -0.16 0.00	13.80 -0.13 0.00	13.33 -0.13 0.00	14.12 -0.13 0.00	16.97 -0.14 0.00	22.37 -0.16 0.00	24.05 0.00 0.00	23.97 0.10 0.00	23.73 0.02 0.00	25.71 0.00 0.00	25.15 -0.10 0.00	22.85 -0.09 0.00	22.77 -0.11 0.00	22.91 -0.18 0.00	24.82 -0.20 0.00	24.27 -0.15 0.00	24.76 -0.12 0.00	24.52 -0.07 0.00	28.58 -0.11 0.00	26.08 -0.08 0.00	22.55 0.02 0.00	21.57 0.02 0.00	20.04 0.02 0.00
BRANSCOMB___SOLAR 323811	18.55 1.07 0.00	16.58 0.89 0.00	14.74 0.81 0.00	14.21 0.75 0.00	15.11 0.87 0.00	18.18 1.08 0.00	24.01 1.49 0.00	26.84 1.56 -1.23	28.59 1.48 -3.24	28.38 1.42 -3.24	27.30 1.59 0.00	26.84 1.59 0.00	25.62 1.33 -1.34	25.43 1.35 -1.19	25.68 1.39 -1.20	26.73 1.48 -0.23	30.41 1.42 -4.57	34.26 1.54 -7.83	37.74 1.50 -11.64	37.52 1.75 -7.07	30.88 1.73 -3.00	27.86 1.40 -3.94	22.91 1.36 0.00	21.04 1.02 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	19.23 1.75 0.00	17.17 1.49 0.00	15.21 1.28 0.00	14.62 1.16 0.00	15.46 1.21 0.00	18.74 1.64 0.00	24.58 2.05 0.00	27.59 2.57 -0.96	29.13 2.72 -2.54	28.95 2.70 -2.54	28.53 2.80 -0.02	28.91 2.83 -0.83	27.43 2.57 -1.92	27.65 2.52 -2.25	28.13 2.56 -2.47	29.36 2.85 -1.49	30.71 2.69 -3.60	33.84 2.81 -6.14	37.08 2.66 -9.83	38.16 3.10 -6.37	31.29 2.77 -2.36	28.16 2.34 -3.29	23.88 2.33 0.00	21.98 1.96 0.00
BRISTLHL_115KV_TB1 79998	17.75 0.26 0.00	15.95 0.27 0.00	14.14 0.21 0.00	13.68 0.22 0.00	14.50 0.26 0.00	17.43 0.32 0.00	22.98 0.45 0.00	24.54 0.41 -0.08	24.44 0.36 -0.21	24.26 0.33 -0.21	26.12 0.41 0.00	25.63 0.38 0.00	23.35 0.32 -0.09	23.31 0.34 -0.08	23.50 0.32 -0.08	25.26 0.23 -0.02	24.94 0.22 -0.30	25.63 0.22 -0.52	25.63 0.27 -0.77	29.53 0.37 -0.47	26.72 0.37 -0.20	23.24 0.45 -0.26	21.98 0.43 0.00	20.40 0.38 0.00
BROOKHAVEN___DRP 24191	19.32 1.84 0.00	17.27 1.58 0.00	15.29 1.37 0.00	14.69 1.22 0.00	15.54 1.30 0.00	18.83 1.73 0.00	24.67 2.14 0.00	27.71 2.69 -0.96	29.28 2.86 -2.55	29.13 2.87 -2.55	28.63 2.91 -0.02	28.99 2.90 -0.83	27.50 2.64 -1.92	27.74 2.61 -2.25	28.22 2.66 -2.47	29.50 2.98 -1.50	30.81 2.78 -3.61	33.98 2.91 -6.18	39.91 2.78 -12.53	41.48 3.27 -9.51	31.47 2.90 -2.41	28.25 2.43 -3.29	23.99 2.44 0.00	22.06 2.04 0.00

BROOKLYN_NAVY_YARD 23515	18.60 1.12 0.00	16.61 0.93 0.00	14.75 0.82 0.00	14.20 0.74 0.00	15.01 0.77 0.00	18.04 0.94 0.00	23.88 1.35 0.00	26.72 1.71 -0.96	28.20 1.79 -2.54	28.07 1.83 -2.54	27.56 1.85 0.00	27.19 1.94 0.00	25.83 1.84 -1.05	25.63 1.81 -0.93	25.83 1.80 -0.94	27.18 1.98 -0.18	29.78 1.78 -3.58	32.75 1.74 -6.12	35.35 1.65 -9.11	36.18 1.95 -5.53	30.13 1.62 -2.35	27.14 1.53 -3.08	23.10 1.55 0.00	21.18 1.16 0.00
BROOKLYN___ARMY_DRP 323595	18.73 1.24 -0.01	16.73 1.04 -0.01	14.86 0.92 -0.01	14.30 0.83 -0.01	15.11 0.85 -0.01	18.14 1.03 -0.01	24.00 1.46 -0.01	26.85 1.83 -0.97	28.32 1.91 -2.54	30.30 1.97 -4.62	27.83 2.11 -0.01	27.45 2.15 -0.06	27.42 1.97 -2.51	27.45 1.97 -2.59	27.42 1.96 -2.36	28.40 2.15 -1.23	30.01 2.00 -3.59	32.96 1.94 -6.13	35.55 1.84 -9.11	36.38 2.15 -5.53	30.20 1.70 -2.35	27.30 1.69 -3.09	23.15 1.59 -0.01	21.31 1.28 -0.01
BROOKVLE_69_KV_TB1 55790	18.94 1.45 0.00	16.92 1.24 0.00	15.00 1.07 0.00	14.43 0.97 0.00	15.26 1.01 0.00	18.42 1.32 0.00	24.22 1.69 0.00	27.11 2.09 -0.96	28.60 2.20 -2.54	28.48 2.23 -2.54	28.14 2.42 -0.02	28.51 2.42 -0.83	27.06 2.20 -1.92	27.31 2.17 -2.25	27.76 2.19 -2.47	28.91 2.40 -1.49	30.24 2.22 -3.60	33.20 2.19 -6.13	35.85 2.14 -9.12	36.73 2.50 -5.54	30.68 2.17 -2.35	27.76 1.94 -3.29	23.43 1.87 0.00	21.58 1.56 0.00
BROOME_2_LFGE 323671	17.85 0.37 0.00	16.06 0.38 0.00	14.23 0.31 0.00	13.78 0.32 0.00	14.60 0.36 0.00	17.51 0.41 0.00	23.00 0.47 0.00	24.62 0.27 -0.30	24.93 0.26 -0.79	24.79 0.29 -0.79	26.30 0.59 0.00	25.80 0.55 0.00	23.57 0.30 -0.33	23.50 0.32 -0.29	23.71 0.32 -0.29	25.60 0.53 -0.06	25.86 0.32 -1.12	27.12 0.32 -1.91	27.79 0.34 -2.85	30.82 0.40 -1.73	27.28 0.39 -0.73	23.76 0.27 -0.96	22.01 0.45 0.00	20.46 0.44 0.00
BROOME___LFGE 323600	17.85 0.37 0.00	16.06 0.38 0.00	14.23 0.31 0.00	13.78 0.32 0.00	14.60 0.36 0.00	17.51 0.41 0.00	23.00 0.47 0.00	24.62 0.27 -0.30	24.93 0.26 -0.79	24.79 0.29 -0.79	26.30 0.59 0.00	25.80 0.55 0.00	23.57 0.30 -0.33	23.50 0.32 -0.29	23.71 0.32 -0.29	25.60 0.53 -0.06	25.86 0.32 -1.12	27.12 0.32 -1.91	27.79 0.34 -2.85	30.82 0.40 -1.73	27.28 0.39 -0.73	23.76 0.27 -0.96	22.01 0.45 0.00	20.46 0.44 0.00
BROWNFLS_115KV_TB_3_5 80003	17.31 -0.17 0.00	15.56 -0.13 0.00	13.82 -0.11 0.00	13.35 -0.11 0.00	14.16 -0.09 0.00	17.05 -0.05 0.00	22.48 -0.05 0.00	24.17 0.10 -0.02	24.08 0.14 -0.06	23.85 0.07 -0.06	25.76 0.05 0.00	25.20 -0.05 0.00	22.88 -0.09 -0.03	22.78 -0.14 -0.02	22.94 -0.18 -0.02	24.85 -0.18 0.00	24.36 -0.15 -0.09	24.92 -0.12 -0.15	24.75 -0.23 -0.23	28.77 -0.06 -0.14	26.14 -0.08 -0.06	22.69 0.09 -0.08	21.62 0.06 0.00	20.06 0.04 0.00
BROWNSV1_27_KV_LOAD 356125	18.74 1.26 0.00	16.73 1.05 0.00	14.86 0.93 0.00	14.31 0.85 0.00	15.13 0.88 0.00	18.18 1.08 0.00	24.04 1.51 0.00	26.91 1.90 -0.96	28.36 1.96 -2.54	28.26 2.02 -2.54	27.87 2.16 0.00	27.45 2.20 0.00	26.01 2.02 -1.05	25.83 2.01 -0.93	26.04 2.01 -0.94	27.40 2.20 -0.18	30.03 2.03 -3.58	33.00 1.99 -6.12	35.60 1.89 -9.11	36.44 2.21 -5.53	30.39 1.88 -2.35	27.34 1.73 -3.08	23.21 1.66 0.00	21.34 1.32 0.00
BURROWS___LYONSDAL 23803	17.71 0.23 0.00	15.89 0.20 0.00	14.11 0.18 0.00	13.64 0.17 0.00	14.44 0.20 0.00	17.39 0.29 0.00	22.93 0.41 0.00	24.59 0.51 -0.03	24.48 0.53 -0.08	24.25 0.45 -0.08	26.22 0.51 0.00	25.68 0.43 0.00	23.30 0.32 -0.04	23.22 0.30 -0.03	23.43 0.30 -0.03	25.43 0.40 -0.01	24.93 0.39 -0.12	25.54 0.45 -0.20	25.39 0.49 -0.30	29.51 0.63 -0.18	26.76 0.52 -0.08	23.08 0.45 -0.10	21.94 0.39 0.00	20.36 0.34 0.00
CAITHNESS_CC_1 323624	19.25 1.77 0.00	17.22 1.54 0.00	15.25 1.32 0.00	14.65 1.18 0.00	15.48 1.24 0.00	18.77 1.66 -0.01	24.58 2.05 0.00	27.61 2.60 -0.96	29.19 2.77 -2.55	29.04 2.77 -2.56	28.50 2.78 -0.02	28.89 2.80 -0.83	27.41 2.55 -1.92	27.65 2.52 -2.25	28.13 2.56 -2.47	29.39 2.88 -1.50	30.71 2.69 -3.61	33.86 2.79 -6.18	39.80 2.68 -12.52	41.32 3.13 -9.50	31.34 2.77 -2.41	28.18 2.36 -3.29	23.95 2.39 -0.01	22.01 1.98 -0.01
CALPINE BETH_PAGE_GT4 24209	19.04 1.56 0.00	17.02 1.33 0.00	15.07 1.14 0.00	14.48 1.02 0.00	15.31 1.07 0.00	18.54 1.44 0.00	24.26 1.73 0.00	27.06 2.04 -0.96	28.60 2.20 -2.54	28.46 2.21 -2.54	28.04 2.31 -0.02	28.41 2.32 -0.83	26.97 2.11 -1.92	27.22 2.08 -2.25	27.66 2.10 -2.47	28.84 2.33 -1.49	30.17 2.15 -3.60	33.25 2.24 -6.13	35.92 2.16 -9.16	36.83 2.55 -5.59	30.73 2.22 -2.35	27.71 1.89 -3.29	23.51 1.96 0.00	21.64 1.62 0.00
CALPINE_BETH_PAGE_GT_4 323586	19.04 1.56 0.00	17.01 1.33 0.00	15.07 1.14 0.00	14.48 1.02 0.00	15.31 1.07 0.00	18.55 1.44 -0.01	24.26 1.73 0.00	27.06 2.04 -0.96	28.61 2.19 -2.54	28.46 2.21 -2.55	27.99 2.26 -0.02	28.41 2.32 -0.83	26.97 2.11 -1.92	27.22 2.08 -2.25	27.66 2.10 -2.47	28.84 2.33 -1.49	30.19 2.17 -3.60	33.25 2.24 -6.13	35.93 2.16 -9.17	36.84 2.55 -5.60	30.74 2.22 -2.36	27.71 1.89 -3.29	23.56 2.00 -0.01	21.65 1.62 -0.01
CALPINE_BP_GT1 23823	19.04 1.56 0.00	17.01 1.33 0.00	15.07 1.14 0.00	14.48 1.02 0.00	15.31 1.07 0.00	18.55 1.44 -0.01	24.26 1.73 0.00	27.06 2.04 -0.96	28.61 2.19 -2.54	28.46 2.21 -2.55	27.99 2.26 -0.02	28.41 2.32 -0.83	26.97 2.11 -1.92	27.22 2.08 -2.25	27.66 2.10 -2.47	28.84 2.33 -1.49	30.19 2.17 -3.60	33.25 2.24 -6.13	35.93 2.16 -9.17	36.84 2.55 -5.60	30.74 2.22 -2.36	27.71 1.89 -3.29	23.56 2.00 -0.01	21.65 1.62 -0.01
CALSPAN___DRP 24200	17.92 0.44 0.00	16.23 0.55 0.00	14.35 0.42 0.00	14.00 0.54 0.00	14.84 0.60 0.00	17.72 0.62 0.00	22.98 0.45 0.00	23.65 -0.55 -0.15	23.74 -0.53 -0.40	23.71 -0.40 -0.40	25.99 0.28 0.00	25.68 0.43 0.00	22.86 -0.25 -0.16	22.81 -0.23 -0.15	23.08 -0.16 -0.15	25.40 0.35 -0.03	24.66 -0.32 -0.56	25.52 -0.32 -0.96	25.60 -0.42 -1.43	28.96 -0.60 -0.87	26.16 -0.37 -0.37	22.51 -0.50 -0.48	21.70 0.15 0.00	20.62 0.60 0.00
CALVERTON___SOLAR 323806	19.39 1.91 0.00	17.34 1.66 0.00	15.36 1.43 0.00	14.75 1.29 0.00	15.60 1.35 0.00	18.92 1.81 -0.01	24.78 2.25 0.00	27.83 2.81 -0.96	29.41 2.98 -2.55	29.26 2.99 -2.56	28.73 3.01 -0.02	29.11 3.03 -0.83	27.61 2.75 -1.92	27.86 2.72 -2.25	28.33 2.77 -2.47	29.65 3.13 -1.50	30.96 2.93 -3.61	34.11 3.04 -6.18	40.07 2.93 -12.55	41.64 3.41 -9.53	31.60 3.03 -2.41	28.36 2.54 -3.29	24.14 2.59 -0.01	22.17 2.14 -0.01
CANDIGU_WT_PWR 323617	17.90 0.42 0.00	16.17 0.49 0.00	14.30 0.38 0.00	13.93 0.47 0.00	14.77 0.53 0.00	17.68 0.58 0.00	23.09 0.56 0.00	24.21 -0.05 -0.21	24.37 -0.05 -0.54	24.25 0.00 -0.54	26.35 0.64 0.00	25.85 0.60 0.00	23.24 0.07 -0.22	23.18 0.09 -0.20	23.41 0.12 -0.20	25.58 0.53 -0.04	25.23 0.05 -0.76	26.27 0.07 -1.31	26.59 0.05 -1.95	29.90 0.03 -1.18	26.79 0.13 -0.50	23.14 -0.04 -0.66	21.94 0.39 0.00	20.58 0.56 0.00

CARR STREET_E__SYR 24060	17.47 -0.02 0.00	15.68 0.00 0.00	13.91 -0.01 0.00	13.46 0.00 0.00	14.26 0.01 0.00	17.12 0.02 0.00	22.48 -0.04 0.00	23.94 -0.19 -0.09	23.88 -0.22 -0.23	23.73 -0.21 -0.23	25.50 -0.21 0.00	25.05 -0.20 0.00	22.90 -0.14 -0.09	22.84 -0.14 -0.08	23.02 -0.16 -0.08	24.83 -0.20 -0.02	24.55 -0.20 -0.32	25.24 -0.20 -0.55	25.22 -0.20 -0.82	28.99 -0.20 -0.50	26.19 -0.18 -0.21	22.69 -0.11 -0.28	21.53 -0.02 0.00	20.04 0.02 0.00
CARTHAGE__PAPER 23857	17.57 0.09 0.00	15.78 0.09 0.00	14.00 0.07 0.00	13.53 0.07 0.00	14.33 0.09 0.00	17.31 0.21 0.00	22.87 0.34 0.00	24.58 0.48 -0.05	24.45 0.45 -0.13	24.15 0.31 -0.13	26.04 0.33 0.00	25.48 0.23 0.00	23.09 0.09 -0.05	23.00 0.07 -0.05	23.21 0.07 -0.05	25.18 0.15 -0.01	24.85 0.24 -0.18	25.52 0.32 -0.31	25.47 0.42 -0.46	29.58 0.60 -0.28	26.75 0.47 -0.12	23.11 0.43 -0.16	21.90 0.34 0.00	20.30 0.28 0.00
CASSADAGA_WT_PWR 323784	18.34 0.86 0.00	16.65 0.97 0.00	14.69 0.77 0.00	14.26 0.79 0.00	15.11 0.87 0.00	18.06 0.96 0.00	23.47 0.95 0.00	24.14 -0.07 -0.16	24.22 -0.07 -0.42	24.20 0.07 -0.42	26.94 1.23 0.00	26.41 1.16 0.00	23.35 0.23 -0.17	23.23 0.18 -0.15	23.55 0.30 -0.15	26.08 1.03 -0.03	25.18 0.17 -0.59	26.10 0.20 -1.01	26.20 0.10 -1.51	29.55 -0.06 -0.92	26.57 0.03 -0.39	22.95 -0.09 -0.51	22.20 0.65 0.00	20.96 0.94 0.00
CE_DUNWOOD__DRP 24194	18.53 1.05 0.00	16.58 0.89 0.00	14.72 0.79 0.00	14.19 0.73 0.00	14.99 0.74 0.00	17.99 0.89 0.00	23.77 1.24 0.00	26.57 1.56 -0.96	28.02 1.62 -2.52	27.90 1.66 -2.52	27.51 1.80 0.00	27.07 1.82 0.00	25.64 1.65 -1.05	25.44 1.63 -0.93	25.67 1.64 -0.93	27.03 1.83 -0.18	29.67 1.69 -3.56	32.65 1.67 -6.09	35.28 1.62 -9.06	36.09 1.89 -5.51	30.11 1.62 -2.34	27.05 1.46 -3.07	22.91 1.36 0.00	21.10 1.08 0.00
CE_MILLWOOD__DRP 24193	18.50 1.01 0.00	16.54 0.86 0.00	14.69 0.77 0.00	14.16 0.70 0.00	14.96 0.71 0.00	17.96 0.86 0.00	23.72 1.19 0.00	26.49 1.49 -0.95	27.92 1.55 -2.50	27.80 1.59 -2.50	27.43 1.72 0.00	26.97 1.72 0.00	25.56 1.58 -1.04	25.36 1.56 -0.92	25.59 1.57 -0.92	26.95 1.75 -0.18	29.56 1.61 -3.53	32.55 1.62 -6.04	35.13 1.55 -8.99	35.96 1.81 -5.46	30.04 1.57 -2.32	26.96 1.40 -3.04	22.84 1.29 0.00	21.04 1.02 0.00
CE_NYC2_DRP 24202	18.72 1.22 -0.01	16.73 1.04 -0.01	14.86 0.92 -0.01	14.30 0.83 -0.01	15.12 0.87 -0.01	18.15 1.04 -0.01	24.00 1.46 -0.01	26.85 1.83 -0.97	28.30 1.89 -2.54	30.25 1.92 -4.62	27.80 2.08 -0.01	27.43 2.12 -0.06	27.40 1.95 -2.51	27.40 1.92 -2.59	27.40 1.94 -2.36	28.37 2.13 -1.23	29.94 1.93 -3.59	32.91 1.89 -6.13	35.52 1.82 -9.11	36.32 2.09 -5.53	30.23 1.73 -2.35	27.28 1.67 -3.09	23.15 1.59 -0.01	21.31 1.28 -0.01
CE_NYC_DRP 24195	18.64 1.15 0.00	16.65 0.97 0.00	14.79 0.86 0.00	14.24 0.78 0.00	15.04 0.80 0.00	18.08 0.97 0.00	23.90 1.37 0.00	26.77 1.76 -0.96	28.22 1.81 -2.54	28.10 1.85 -2.54	27.69 1.98 0.00	27.27 2.02 0.00	25.88 1.88 -1.05	25.67 1.85 -0.93	25.90 1.87 -0.94	27.23 2.03 -0.18	29.86 1.86 -3.58	32.83 1.82 -6.12	35.43 1.72 -9.11	36.24 2.01 -5.53	30.20 1.70 -2.35	27.18 1.58 -3.08	23.06 1.51 0.00	21.22 1.20 0.00
CHAFFEE__LFGE 323603	17.96 0.47 0.00	16.28 0.60 0.00	14.37 0.45 0.00	14.03 0.57 0.00	14.87 0.63 0.00	17.75 0.65 0.00	23.05 0.52 0.00	23.65 -0.55 -0.16	23.75 -0.53 -0.41	23.74 -0.38 -0.41	26.30 0.59 0.00	25.78 0.53 0.00	22.86 -0.25 -0.17	22.81 -0.23 -0.15	23.11 -0.14 -0.15	25.50 0.45 -0.03	24.71 -0.29 -0.58	25.60 -0.27 -0.99	25.69 -0.37 -1.47	29.04 -0.55 -0.89	26.19 -0.34 -0.38	22.57 -0.45 -0.50	21.79 0.24 0.00	20.68 0.66 0.00
CHATEAUG_35_KV_LOAD 355732	17.28 -0.21 0.00	15.57 -0.11 0.00	13.87 -0.06 0.00	13.42 -0.04 0.00	14.20 -0.04 0.00	17.05 -0.05 0.00	22.50 -0.02 0.00	23.83 -0.22 0.00	23.82 -0.05 0.00	23.64 -0.07 0.00	25.58 -0.13 0.00	25.00 -0.25 0.00	22.67 -0.28 0.00	22.52 -0.37 0.00	22.61 -0.49 0.00	24.39 -0.63 0.00	24.18 -0.24 0.00	24.74 -0.15 0.00	24.54 -0.05 0.00	28.52 -0.17 0.00	26.00 -0.16 0.00	22.46 -0.07 0.00	21.42 -0.13 0.00	19.84 -0.18 0.00
CHATEAUG_WT_PWR 323614	17.29 -0.19 0.00	15.57 -0.11 0.00	13.87 -0.06 0.00	13.43 -0.03 0.00	14.22 -0.03 0.00	17.07 -0.03 0.00	22.53 0.00 0.00	23.79 -0.26 0.00	23.78 -0.10 0.00	23.62 -0.09 0.00	25.56 -0.15 0.00	24.97 -0.28 0.00	22.64 -0.30 0.00	22.50 -0.39 0.00	22.57 -0.53 0.00	24.34 -0.67 0.00	24.15 -0.27 0.00	24.74 -0.15 0.00	24.52 -0.07 0.00	28.52 -0.17 0.00	26.00 -0.16 0.00	22.44 -0.09 0.00	21.36 -0.19 0.00	19.82 -0.20 0.00
CHAT_HIGH_FALL_HYD 323578	17.28 -0.21 0.00	15.57 -0.11 0.00	13.87 -0.06 0.00	13.42 -0.04 0.00	14.20 -0.04 0.00	17.05 -0.05 0.00	22.50 -0.02 0.00	23.83 -0.22 0.00	23.82 -0.05 0.00	23.64 -0.07 0.00	25.58 -0.13 0.00	25.00 -0.25 0.00	22.67 -0.27 0.00	22.52 -0.37 0.00	22.61 -0.49 0.00	24.39 -0.62 0.00	24.18 -0.24 0.00	24.74 -0.15 0.00	24.54 -0.05 0.00	28.52 -0.17 0.00	26.00 -0.16 0.00	22.46 -0.07 0.00	21.36 -0.19 0.00	19.84 -0.18 0.00
CHAUTAUQUA__LFGE 323629	18.13 0.65 0.00	16.45 0.77 0.00	14.53 0.60 0.00	14.15 0.69 0.00	15.00 0.75 0.00	17.92 0.82 0.00	23.25 0.72 0.00	23.99 -0.22 -0.16	24.09 -0.19 -0.41	24.08 -0.05 -0.41	26.61 0.90 0.00	26.08 0.83 0.00	23.21 0.09 -0.17	23.13 0.09 -0.15	23.43 0.18 -0.15	25.80 0.75 -0.03	25.05 0.05 -0.58	25.96 0.07 -1.00	26.05 -0.02 -1.48	29.42 -0.17 -0.90	26.51 -0.03 -0.38	22.82 -0.20 -0.50	21.98 0.43 0.00	20.80 0.78 0.00
CHERRYST_13_KV_LD 356241	18.67 1.19 0.00	16.69 1.00 0.00	14.82 0.89 0.00	14.27 0.81 0.00	15.07 0.83 0.00	18.11 1.01 0.00	23.97 1.44 0.00	26.84 1.83 -0.96	28.29 1.89 -2.54	28.19 1.94 -2.54	27.77 2.06 0.00	27.34 2.10 0.00	25.95 1.95 -1.05	25.74 1.92 -0.93	25.97 1.94 -0.94	27.33 2.13 -0.18	29.93 1.93 -3.58	32.90 1.89 -6.12	35.50 1.80 -9.11	36.32 2.09 -5.53	30.26 1.75 -2.35	27.23 1.62 -3.08	23.10 1.55 0.00	21.26 1.24 0.00
CHESTROR_138KV_BK263 355645	18.31 0.82 0.00	16.39 0.71 0.00	14.54 0.61 0.00	14.03 0.57 0.00	14.81 0.57 0.00	17.79 0.68 0.00	23.47 0.95 0.00	26.00 1.11 -0.85	27.25 1.15 -2.23	27.13 1.19 -2.23	26.99 1.29 0.00	26.51 1.26 0.00	25.04 1.17 -0.93	24.85 1.14 -0.82	25.10 1.18 -0.82	26.48 1.30 -0.16	28.77 1.20 -3.15	31.47 1.19 -5.39	33.79 1.18 -8.01	34.94 1.38 -4.87	29.42 1.20 -2.07	26.27 1.04 -2.71	22.50 0.95 0.00	20.78 0.76 0.00
CH_MIDHUDSON__DRP 24192	18.45 0.96 0.00	16.50 0.82 0.00	14.65 0.72 0.00	14.12 0.66 0.00	14.93 0.68 0.00	17.91 0.80 0.00	23.65 1.13 0.00	26.43 1.39 -0.98	27.91 1.46 -2.58	27.77 1.47 -2.59	27.30 1.59 0.00	26.84 1.59 0.00	25.46 1.45 -1.07	25.26 1.42 -0.95	25.50 1.46 -0.95	26.81 1.60 -0.19	29.56 1.49 -3.65	32.64 1.52 -6.24	35.35 1.48 -9.28	36.05 1.72 -5.64	30.04 1.49 -2.39	26.97 1.31 -3.14	22.76 1.21 0.00	20.98 0.96 0.00

CH_MISC_IPPS 23765	18.50 1.01 0.00	16.56 0.88 0.00	14.71 0.78 0.00	14.16 0.70 0.00	14.96 0.71 0.00	17.94 0.84 0.00	23.72 1.19 0.00	26.45 1.44 -0.95	27.89 1.50 -2.52	27.77 1.54 -2.52	27.33 1.62 0.00	26.89 1.64 0.00	25.48 1.49 -1.04	25.26 1.44 -0.92	25.53 1.50 -0.93	26.88 1.68 -0.18	29.51 1.54 -3.55	32.53 1.57 -6.08	35.19 1.55 -9.04	36.02 1.84 -5.49	30.06 1.57 -2.33	26.94 1.35 -3.06	22.84 1.29 0.00	21.04 1.02 0.00
CH_RES_BVR_FALLS 23983	17.24 -0.24 0.00	15.48 -0.20 0.00	13.75 -0.18 0.00	13.29 -0.18 0.00	14.06 -0.19 0.00	16.88 -0.22 0.00	22.23 -0.29 0.00	23.76 -0.29 0.00	23.61 -0.26 0.00	23.43 -0.28 0.00	25.37 -0.33 0.00	24.90 -0.35 0.00	22.64 -0.30 0.00	22.59 -0.30 0.00	22.77 -0.32 0.00	24.64 -0.37 0.00	24.10 -0.32 0.00	24.56 -0.32 0.00	24.30 -0.29 0.00	28.32 -0.37 0.00	25.82 -0.34 0.00	22.26 -0.27 0.00	21.27 -0.28 0.00	19.80 -0.22 0.00
CH_RES_NIAGARA 23895	17.20 -0.28 0.00	15.57 -0.11 0.00	13.79 -0.14 0.00	13.46 0.00 0.00	14.26 0.01 0.00	17.02 -0.09 0.00	22.01 -0.52 0.00	23.01 -1.18 -0.14	23.07 -1.17 -0.37	23.02 -1.07 -0.37	24.91 -0.80 0.00	24.42 -0.83 0.00	22.18 -0.92 -0.15	22.13 -0.89 -0.14	22.40 -0.83 -0.14	24.27 -0.78 -0.03	23.92 -1.02 -0.52	24.76 -1.02 -0.89	24.77 -1.16 -1.33	28.04 -1.46 -0.81	25.38 -1.12 -0.34	21.89 -1.08 -0.45	20.69 -0.86 0.00	19.76 -0.26 0.00
CH_RES_SYRACUSE 23985	17.62 0.14 0.00	15.84 0.16 0.00	14.04 0.11 0.00	13.58 0.12 0.00	14.40 0.16 0.00	17.29 0.19 0.00	22.78 0.25 0.00	24.32 0.17 -0.10	24.24 0.12 -0.25	24.08 0.12 -0.25	25.91 0.20 0.00	25.43 0.18 0.00	23.19 0.14 -0.10	23.14 0.16 -0.09	23.33 0.14 -0.09	25.19 0.15 -0.02	24.90 0.12 -0.36	25.62 0.13 -0.61	25.65 0.15 -0.91	29.47 0.23 -0.55	26.60 0.21 -0.23	23.03 0.20 -0.31	21.79 0.24 0.00	20.24 0.22 0.00
CLINTON_WT_PWR 323605	17.29 -0.19 0.00	15.57 -0.11 0.00	13.87 -0.06 0.00	13.43 -0.03 0.00	14.22 -0.03 0.00	17.07 -0.03 0.00	22.53 0.00 0.00	23.79 -0.26 0.00	23.78 -0.10 0.00	23.62 -0.09 0.00	25.56 -0.15 0.00	24.97 -0.28 0.00	22.64 -0.30 0.00	22.50 -0.39 0.00	22.57 -0.53 0.00	24.34 -0.67 0.00	24.15 -0.27 0.00	24.74 -0.15 0.00	24.52 -0.07 0.00	28.52 -0.17 0.00	26.00 -0.16 0.00	22.44 -0.09 0.00	21.36 -0.19 0.00	19.82 -0.20 0.00
CLINTON__LFGE 323618	17.45 -0.03 0.00	15.73 0.05 0.00	14.01 0.08 0.00	13.57 0.11 0.00	14.36 0.11 0.00	17.24 0.14 0.00	22.75 0.23 0.00	23.98 -0.07 0.00	23.97 0.10 0.00	23.78 0.07 0.00	25.73 0.03 0.00	25.12 -0.13 0.00	22.78 -0.16 0.00	22.64 -0.25 0.00	22.73 -0.37 0.00	24.52 -0.50 0.00	24.40 -0.02 0.00	25.01 0.13 0.00	24.79 0.20 0.00	28.81 0.12 0.00	26.29 0.13 0.00	22.68 0.16 0.00	21.57 0.02 0.00	20.00 -0.02 0.00
COBBLENY_34_KV_TB1 80064	17.96 0.47 0.00	16.28 0.60 0.00	14.37 0.45 0.00	14.03 0.57 0.00	14.87 0.63 0.00	17.75 0.65 0.00	23.05 0.52 0.00	23.65 -0.55 -0.16	23.76 -0.53 -0.41	23.74 -0.38 -0.41	26.12 0.41 0.00	25.78 0.53 0.00	22.86 -0.25 -0.17	22.81 -0.23 -0.15	23.11 -0.14 -0.15	25.50 0.45 -0.03	24.70 -0.29 -0.58	25.58 -0.30 -0.99	25.67 -0.39 -1.47	29.04 -0.55 -0.89	26.19 -0.34 -0.38	22.55 -0.47 -0.50	21.79 0.24 0.00	20.68 0.66 0.00
COFFEEN__115KV_TB3 355620	17.94 0.45 0.00	16.12 0.44 0.00	14.29 0.36 0.00	13.80 0.34 0.00	14.63 0.38 0.00	17.68 0.58 0.00	23.36 0.83 0.00	25.10 0.99 -0.06	24.93 0.91 -0.15	24.58 0.71 -0.15	26.48 0.77 0.00	25.88 0.63 0.00	23.44 0.44 -0.06	23.36 0.41 -0.06	23.64 0.49 -0.06	25.63 0.60 -0.01	25.35 0.71 -0.22	26.08 0.82 -0.37	26.10 0.96 -0.55	30.32 1.29 -0.34	27.37 1.07 -0.14	23.66 0.95 -0.19	22.37 0.82 0.00	20.70 0.68 0.00
COLDSPRG_115KV_BK1 355956	18.52 1.03 0.00	16.81 1.13 0.00	14.82 0.89 0.00	14.43 0.97 0.00	15.31 1.07 0.00	18.30 1.20 0.00	23.79 1.26 0.00	24.14 -0.07 -0.16	24.23 -0.07 -0.43	24.21 0.07 -0.43	27.17 1.47 0.00	26.79 1.54 0.00	23.33 0.21 -0.18	23.23 0.18 -0.16	23.53 0.28 -0.16	26.33 1.28 -0.03	25.15 0.12 -0.61	26.05 0.12 -1.04	26.21 0.07 -1.54	29.57 -0.06 -0.94	26.63 0.08 -0.40	22.91 -0.14 -0.52	22.48 0.93 0.00	21.22 1.20 0.00
COLONIE_LFGE__ 323577	18.24 0.75 0.00	16.31 0.63 0.00	14.51 0.58 0.00	14.01 0.55 0.00	14.84 0.60 0.00	17.82 0.72 0.00	23.52 0.99 0.00	26.40 1.13 -1.22	28.18 1.10 -3.21	27.99 1.07 -3.21	26.89 1.18 0.00	26.46 1.21 0.00	25.31 1.03 -1.33	25.12 1.05 -1.18	25.34 1.06 -1.18	26.43 1.18 -0.23	30.08 1.12 -4.53	33.83 1.19 -7.75	37.31 1.18 -11.54	37.08 1.38 -7.01	30.41 1.28 -2.97	27.49 1.06 -3.90	22.54 0.99 0.00	20.72 0.70 0.00
COOPERNY_115KV_TB1 80082	18.11 0.63 0.00	16.22 0.53 0.00	14.40 0.47 0.00	13.89 0.43 0.00	14.69 0.44 0.00	17.63 0.53 0.00	23.23 0.70 0.00	25.53 0.84 -0.63	26.40 0.86 -1.67	26.26 0.88 -1.67	26.69 0.98 0.00	26.21 0.96 0.00	24.51 0.87 -0.69	24.37 0.87 -0.61	24.59 0.88 -0.62	26.14 1.00 -0.12	27.68 0.90 -2.36	29.81 0.90 -4.03	31.47 0.89 -6.00	33.37 1.03 -3.64	28.59 0.89 -1.55	25.32 0.77 -2.03	22.28 0.73 0.00	20.60 0.58 0.00
COPENHAGEN_WT_PWR 323753	17.80 0.32 0.00	16.00 0.31 0.00	14.19 0.26 0.00	13.70 0.24 0.00	14.53 0.28 0.00	17.55 0.44 0.00	23.16 0.63 0.00	24.88 0.77 -0.06	24.72 0.69 -0.16	24.39 0.52 -0.16	26.30 0.59 0.00	25.73 0.48 0.00	23.33 0.32 -0.07	23.24 0.30 -0.06	23.50 0.35 -0.06	25.46 0.42 -0.01	25.13 0.49 -0.22	25.86 0.60 -0.38	25.87 0.71 -0.57	30.01 0.98 -0.34	27.11 0.81 -0.15	23.44 0.72 -0.19	22.18 0.63 0.00	20.54 0.52 0.00
CORNELL____ 23752	17.96 0.47 0.00	16.14 0.45 0.00	14.30 0.38 0.00	13.84 0.38 0.00	14.67 0.43 0.00	17.65 0.55 0.00	23.23 0.70 0.00	24.91 0.65 -0.21	25.02 0.60 -0.55	24.83 0.57 -0.55	26.45 0.75 0.00	25.98 0.73 0.00	23.70 0.53 -0.23	23.64 0.55 -0.20	23.85 0.55 -0.20	25.78 0.73 -0.04	25.84 0.63 -0.78	26.90 0.67 -1.34	27.29 0.71 -1.99	30.79 0.89 -1.21	27.48 0.81 -0.51	23.85 0.65 -0.67	22.22 0.67 0.00	20.64 0.62 0.00
CORONAAV_69_KV_TB1 355595	19.01 1.52 0.00	16.97 1.29 0.00	15.03 1.10 0.00	14.46 1.00 0.00	15.28 1.04 0.00	18.47 1.37 0.00	24.24 1.71 0.00	27.13 2.12 -0.96	28.63 2.22 -2.54	28.50 2.25 -2.54	28.12 2.39 -0.02	28.48 2.40 -0.83	27.04 2.18 -1.92	27.29 2.15 -2.25	27.73 2.17 -2.47	28.91 2.40 -1.49	30.24 2.22 -3.60	33.33 2.31 -6.13	35.97 2.26 -9.12	36.87 2.64 -5.54	30.83 2.33 -2.35	27.78 1.96 -3.29	23.51 1.96 0.00	21.66 1.64 0.00
CORTLAND_115KV_TB3 80093	17.82 0.33 0.00	16.00 0.31 0.00	14.19 0.26 0.00	13.73 0.27 0.00	14.54 0.30 0.00	17.48 0.38 0.00	23.00 0.47 0.00	24.63 0.41 -0.17	24.68 0.36 -0.45	24.51 0.36 -0.45	26.22 0.51 0.00	25.75 0.50 0.00	23.47 0.34 -0.18	23.42 0.37 -0.16	23.63 0.37 -0.16	25.53 0.48 -0.03	25.44 0.39 -0.63	26.39 0.42 -1.08	26.64 0.44 -1.60	30.21 0.55 -0.97	27.07 0.50 -0.41	23.47 0.41 -0.54	22.00 0.45 0.00	20.44 0.42 0.00

COXSACKIE___GT 23611	18.43 0.94 0.00	16.50 0.81 0.00	14.69 0.77 0.00	14.17 0.71 0.00	15.03 0.78 0.00	18.01 0.91 0.00	23.86 1.33 0.00	26.50 1.32 -1.13	28.11 1.26 -2.97	27.90 1.21 -2.98	27.05 1.34 0.00	26.54 1.29 0.00	25.14 0.96 -1.23	24.94 0.96 -1.09	25.23 1.04 -1.10	26.58 1.35 -0.21	29.74 1.12 -4.20	33.41 1.34 -7.18	36.68 1.40 -10.68	36.87 1.69 -6.49	30.45 1.54 -2.75	27.29 1.15 -3.61	22.69 1.14 0.00	20.92 0.90 0.00
CPV_VALLEY___CC1 323721	18.19 0.70 0.00	16.28 0.60 0.00	14.44 0.52 0.00	13.93 0.47 0.00	14.73 0.48 0.00	17.68 0.58 0.00	23.32 0.79 0.00	25.75 0.94 -0.76	26.86 0.98 -2.01	26.72 1.00 -2.01	26.76 1.05 0.00	26.33 1.08 0.00	24.76 0.99 -0.83	24.61 0.98 -0.74	24.83 0.99 -0.74	26.26 1.10 -0.14	28.26 1.00 -2.84	30.74 1.00 -4.86	32.80 0.98 -7.23	34.23 1.15 -4.39	29.01 0.99 -1.86	25.82 0.86 -2.44	22.39 0.84 0.00	20.64 0.62 0.00
CPV_VALLEY___CC2 323722	18.19 0.70 0.00	16.28 0.60 0.00	14.44 0.52 0.00	13.93 0.47 0.00	14.73 0.48 0.00	17.68 0.58 0.00	23.32 0.79 0.00	25.75 0.94 -0.76	26.86 0.98 -2.01	26.72 1.00 -2.01	26.76 1.05 0.00	26.33 1.08 0.00	24.76 0.99 -0.83	24.61 0.98 -0.74	24.83 0.99 -0.74	26.26 1.10 -0.14	28.26 1.00 -2.84	30.74 1.00 -4.86	32.80 0.98 -7.23	34.23 1.15 -4.39	29.01 0.99 -1.86	25.82 0.86 -2.44	22.39 0.84 0.00	20.64 0.62 0.00
CRESCENT___HYD 24018	18.24 0.75 0.00	16.31 0.63 0.00	14.51 0.58 0.00	14.01 0.55 0.00	14.84 0.60 0.00	17.82 0.72 0.00	23.52 0.99 0.00	26.40 1.13 -1.22	28.18 1.10 -3.21	27.99 1.07 -3.21	26.89 1.18 0.00	26.46 1.21 0.00	25.31 1.03 -1.33	25.12 1.05 -1.18	25.34 1.06 -1.18	26.43 1.18 -0.23	30.08 1.12 -4.53	33.83 1.19 -7.75	37.31 1.18 -11.54	37.08 1.38 -7.01	30.41 1.28 -2.97	27.49 1.06 -3.90	22.54 0.99 0.00	20.72 0.70 0.00
CRICKET___VALLEY_CC1 323756	18.29 0.80 0.00	16.34 0.66 0.00	14.53 0.60 0.00	14.01 0.55 0.00	14.82 0.57 0.00	17.77 0.67 0.00	23.43 0.90 0.00	26.26 1.18 -1.03	27.78 1.19 -2.72	27.64 1.21 -2.72	26.97 1.26 0.00	26.56 1.31 0.00	25.29 1.22 -1.13	25.08 1.19 -1.00	25.30 1.20 -1.00	26.54 1.33 -0.20	29.53 1.27 -3.84	32.72 1.27 -6.56	35.61 1.25 -9.77	36.09 1.46 -5.93	29.93 1.26 -2.52	26.95 1.13 -3.30	22.61 1.06 0.00	20.76 0.74 0.00
CRICKET___VALLEY_CC2 323757	18.29 0.80 0.00	16.34 0.66 0.00	14.53 0.60 0.00	14.01 0.55 0.00	14.82 0.57 0.00	17.77 0.67 0.00	23.43 0.90 0.00	26.26 1.18 -1.03	27.78 1.19 -2.72	27.64 1.21 -2.72	26.97 1.26 0.00	26.56 1.31 0.00	25.29 1.22 -1.13	25.08 1.19 -1.00	25.30 1.20 -1.00	26.54 1.33 -0.20	29.53 1.27 -3.84	32.72 1.27 -6.56	35.61 1.25 -9.77	36.09 1.46 -5.93	29.93 1.26 -2.52	26.95 1.13 -3.30	22.61 1.06 0.00	20.76 0.74 0.00
CRICKET___VALLEY_CC3 323758	18.29 0.80 0.00	16.34 0.66 0.00	14.53 0.60 0.00	14.01 0.55 0.00	14.82 0.57 0.00	17.77 0.67 0.00	23.43 0.90 0.00	26.26 1.18 -1.03	27.78 1.19 -2.72	27.64 1.21 -2.72	26.97 1.26 0.00	26.56 1.31 0.00	25.29 1.22 -1.13	25.08 1.19 -1.00	25.30 1.20 -1.00	26.54 1.33 -0.20	29.53 1.27 -3.84	32.72 1.27 -6.56	35.61 1.25 -9.77	36.09 1.46 -5.93	29.93 1.26 -2.52	26.95 1.13 -3.30	22.61 1.06 0.00	20.76 0.74 0.00
CRUCIBLE_METL_DRP 24180	17.62 0.14 0.00	15.84 0.16 0.00	14.04 0.11 0.00	13.58 0.12 0.00	14.40 0.16 0.00	17.29 0.19 0.00	22.77 0.25 0.00	24.31 0.17 -0.10	24.24 0.12 -0.25	24.08 0.12 -0.25	25.89 0.18 0.00	25.43 0.18 0.00	23.19 0.14 -0.10	23.14 0.16 -0.09	23.33 0.14 -0.09	25.19 0.15 -0.02	24.90 0.12 -0.36	25.62 0.12 -0.61	25.65 0.15 -0.91	29.47 0.23 -0.55	26.60 0.21 -0.23	23.03 0.20 -0.31	21.77 0.22 0.00	20.24 0.22 0.00
DAHOWA___HYDRO 323763	18.64 1.15 0.00	16.65 0.97 0.00	14.79 0.86 0.00	14.28 0.82 0.00	15.18 0.94 0.00	18.30 1.20 0.00	24.15 1.62 0.00	26.96 1.68 -1.23	28.74 1.62 -3.24	28.52 1.56 -3.25	27.46 1.75 0.00	26.99 1.74 0.00	25.74 1.45 -1.35	25.55 1.47 -1.19	25.79 1.50 -1.20	26.83 1.58 -0.23	30.52 1.51 -4.58	34.37 1.64 -7.84	37.85 1.60 -11.66	37.64 1.86 -7.08	31.02 1.86 -3.01	27.98 1.51 -3.94	23.02 1.47 0.00	21.14 1.12 0.00
DANC___LFGE 323619	17.71 0.23 0.00	15.92 0.24 0.00	14.11 0.18 0.00	13.65 0.19 0.00	14.46 0.21 0.00	17.43 0.32 0.00	23.00 0.47 0.00	24.67 0.55 -0.07	24.53 0.48 -0.18	24.24 0.36 -0.18	26.12 0.41 0.00	25.58 0.33 0.00	23.25 0.23 -0.07	23.16 0.21 -0.07	23.39 0.23 -0.07	25.28 0.25 -0.01	24.97 0.29 -0.25	25.69 0.37 -0.43	25.67 0.44 -0.64	29.71 0.63 -0.39	26.84 0.52 -0.16	23.26 0.52 -0.22	22.03 0.47 0.00	20.42 0.40 0.00
DANSKAMMER___1 23586	18.50 1.01 0.00	16.56 0.88 0.00	14.71 0.78 0.00	14.16 0.70 0.00	14.96 0.71 0.00	17.94 0.84 0.00	23.72 1.19 0.00	26.45 1.44 -0.95	27.89 1.50 -2.52	27.77 1.54 -2.52	27.33 1.62 0.00	26.89 1.64 0.00	25.48 1.49 -1.04	25.26 1.44 -0.92	25.53 1.50 -0.93	26.88 1.68 -0.18	29.51 1.54 -3.55	32.53 1.57 -6.08	35.19 1.55 -9.04	36.02 1.84 -5.49	30.06 1.57 -2.33	26.94 1.35 -3.06	22.84 1.29 0.00	21.04 1.02 0.00
DANSKAMMER___2 23589	18.50 1.01 0.00	16.56 0.88 0.00	14.71 0.78 0.00	14.16 0.70 0.00	14.96 0.71 0.00	17.94 0.84 0.00	23.72 1.19 0.00	26.45 1.44 -0.95	27.89 1.50 -2.52	27.77 1.54 -2.52	27.33 1.62 0.00	26.89 1.64 0.00	25.48 1.49 -1.04	25.26 1.44 -0.92	25.53 1.50 -0.93	26.88 1.68 -0.18	29.51 1.54 -3.55	32.53 1.57 -6.08	35.19 1.55 -9.04	36.02 1.84 -5.49	30.06 1.57 -2.33	26.94 1.35 -3.06	22.84 1.29 0.00	21.04 1.02 0.00
DANSKAMMER___3 23590	18.50 1.01 0.00	16.56 0.88 0.00	14.71 0.78 0.00	14.16 0.70 0.00	14.96 0.71 0.00	17.94 0.84 0.00	23.72 1.19 0.00	26.45 1.44 -0.95	27.89 1.50 -2.52	27.77 1.54 -2.52	27.33 1.62 0.00	26.89 1.64 0.00	25.48 1.49 -1.04	25.26 1.44 -0.92	25.53 1.50 -0.93	26.88 1.68 -0.18	29.51 1.54 -3.55	32.53 1.57 -6.08	35.19 1.55 -9.04	36.02 1.84 -5.49	30.06 1.57 -2.33	26.94 1.35 -3.06	22.84 1.29 0.00	21.04 1.02 0.00
DANSKAMMER___4 23591	18.50 1.01 0.00	16.56 0.88 0.00	14.71 0.78 0.00	14.16 0.70 0.00	14.96 0.71 0.00	17.94 0.84 0.00	23.72 1.19 0.00	26.45 1.44 -0.95	27.89 1.50 -2.52	27.77 1.54 -2.52	27.33 1.62 0.00	26.89 1.64 0.00	25.48 1.49 -1.04	25.26 1.44 -0.92	25.53 1.50 -0.93	26.88 1.68 -0.18	29.51 1.54 -3.55	32.53 1.57 -6.08	35.19 1.55 -9.04	36.02 1.84 -5.49	30.06 1.57 -2.33	26.94 1.35 -3.06	22.84 1.29 0.00	21.04 1.02 0.00
DANSKAMMER___DIESEL 23592	18.50 1.01 0.00	16.56 0.88 0.00	14.71 0.78 0.00	14.16 0.70 0.00	14.96 0.71 0.00	17.94 0.84 0.00	23.72 1.19 0.00	26.45 1.44 -0.95	27.89 1.50 -2.52	27.77 1.54 -2.52	27.38 1.67 0.00	26.89 1.64 0.00	25.48 1.49 -1.04	25.25 1.44 -0.92	25.53 1.50 -0.93	26.88 1.68 -0.18	29.51 1.54 -3.55	32.53 1.57 -6.08	35.19 1.55 -9.04	36.02 1.84 -5.49	30.06 1.57 -2.33	26.94 1.35 -3.06	22.80 1.25 0.00	21.04 1.02 0.00

DARBY___SOLAR 323810	18.57 1.08 0.00	16.59 0.91 0.00	14.75 0.82 0.00	14.23 0.77 0.00	15.13 0.88 0.00	18.21 1.11 0.00	24.04 1.51 0.00	26.87 1.59 -1.23	28.64 1.53 -3.24	28.43 1.47 -3.24	27.38 1.67 0.00	26.92 1.67 0.00	25.66 1.38 -1.34	25.50 1.42 -1.19	25.72 1.43 -1.20	26.78 1.53 -0.23	30.44 1.44 -4.57	34.28 1.57 -7.83	37.74 1.50 -11.64	37.55 1.78 -7.07	30.91 1.75 -3.00	27.88 1.42 -3.94	22.93 1.38 0.00	21.06 1.04 0.00
DASHVILLE___HYD 23610	18.41 0.93 0.00	16.47 0.78 0.00	14.61 0.68 0.00	14.08 0.62 0.00	14.87 0.63 0.00	17.80 0.70 0.00	23.50 0.97 0.00	25.98 0.96 -0.97	27.46 1.03 -2.56	27.34 1.07 -2.56	27.05 1.34 0.00	26.56 1.31 0.00	25.06 1.06 -1.06	24.84 1.01 -0.94	25.08 1.04 -0.95	26.53 1.33 -0.18	29.09 1.05 -3.62	32.14 1.07 -6.19	34.83 1.03 -9.21	35.52 1.23 -5.59	29.55 1.02 -2.37	26.52 0.88 -3.11	22.56 1.01 0.00	20.86 0.84 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	19.79 2.31 0.00	17.69 2.01 0.00	15.67 1.74 0.00	15.04 1.57 0.00	15.91 1.67 0.00	19.29 2.19 0.00	25.25 2.73 0.00	28.36 3.34 -0.96	29.97 3.56 -2.55	29.84 3.58 -2.55	29.43 3.70 -0.02	29.75 3.66 -0.83	28.14 3.28 -1.92	28.41 3.27 -2.25	28.89 3.33 -2.47	30.25 3.73 -1.50	31.54 3.52 -3.61	34.73 3.66 -6.18	40.69 3.54 -12.55	42.33 4.10 -9.54	32.22 3.66 -2.41	28.86 3.04 -3.29	24.55 3.00 0.00	22.60 2.58 0.00
DELAWARE___LFGE 323621	18.11 0.63 0.00	16.25 0.56 0.00	14.42 0.49 0.00	13.92 0.46 0.00	14.73 0.48 0.00	17.70 0.60 0.00	23.32 0.79 0.00	25.37 0.87 -0.45	25.95 0.88 -1.20	25.76 0.85 -1.20	26.71 1.00 0.00	26.26 1.01 0.00	24.27 0.83 -0.50	24.15 0.82 -0.44	24.39 0.85 -0.44	26.11 1.00 -0.09	27.01 0.90 -1.69	28.67 0.90 -2.89	29.80 0.91 -4.30	32.36 1.06 -2.61	28.23 0.97 -1.11	24.79 0.81 -1.45	22.33 0.78 0.00	20.66 0.64 0.00
DERFIELD_115KV_TB7 355931	17.54 0.05 0.00	15.73 0.05 0.00	13.97 0.04 0.00	13.49 0.03 0.00	14.27 0.03 0.00	17.15 0.05 0.00	22.59 0.07 0.00	24.12 0.07 0.00	23.94 0.07 0.00	23.78 0.07 0.00	25.79 0.08 0.00	25.33 0.08 0.00	23.01 0.07 0.00	22.96 0.07 0.00	23.17 0.07 0.00	25.09 0.08 0.00	24.49 0.07 0.00	24.96 0.07 0.00	24.67 0.07 0.00	28.78 0.09 0.00	26.21 0.05 0.00	22.57 0.05 0.00	21.59 0.04 0.00	20.04 0.02 0.00
DOGLEVILLE___HYD 23807	17.42 -0.07 0.00	15.64 -0.05 0.00	13.89 -0.04 0.00	13.42 -0.04 0.00	14.20 -0.04 0.00	17.09 -0.02 0.00	22.50 -0.02 0.00	24.07 0.02 0.00	23.87 0.00 0.00	23.73 0.02 0.00	25.76 0.05 0.00	25.27 0.03 0.00	22.94 0.00 0.00	22.89 0.00 0.00	23.05 -0.05 0.00	24.99 -0.02 0.00	24.40 -0.02 0.00	24.84 -0.05 0.00	24.47 -0.12 0.00	28.49 -0.20 0.00	25.87 -0.29 0.00	22.23 -0.29 0.00	21.23 -0.32 0.00	19.70 -0.32 0.00
DUNKIRK___115KV_TB_200 55889	18.10 0.61 0.00	16.42 0.74 0.00	14.50 0.57 0.00	14.13 0.67 0.00	14.99 0.74 0.00	17.89 0.79 0.00	23.20 0.68 0.00	23.94 -0.26 -0.16	24.07 -0.21 -0.41	24.03 -0.09 -0.41	26.38 0.67 0.00	26.03 0.78 0.00	23.16 0.05 -0.17	23.11 0.07 -0.15	23.39 0.14 -0.15	25.75 0.70 -0.03	25.03 0.02 -0.58	25.91 0.02 -1.00	26.00 -0.07 -1.48	29.36 -0.23 -0.90	26.49 -0.05 -0.38	22.80 -0.23 -0.50	21.94 0.39 0.00	20.78 0.76 0.00
DUNKIRK___1 23563	18.10 0.61 0.00	16.42 0.74 0.00	14.50 0.57 0.00	14.13 0.67 0.00	14.99 0.74 0.00	17.89 0.79 0.00	23.20 0.68 0.00	23.94 -0.26 -0.16	24.07 -0.21 -0.41	24.03 -0.09 -0.41	26.38 0.67 0.00	26.03 0.78 0.00	23.16 0.05 -0.17	23.11 0.07 -0.15	23.39 0.14 -0.15	25.75 0.70 -0.03	25.03 0.02 -0.58	25.91 0.02 -1.00	26.00 -0.07 -1.48	29.36 -0.23 -0.90	26.49 -0.05 -0.38	22.80 -0.23 -0.50	21.94 0.39 0.00	20.78 0.76 0.00
DUNKIRK___2 23564	18.10 0.61 0.00	16.42 0.74 0.00	14.50 0.57 0.00	14.13 0.67 0.00	14.99 0.74 0.00	17.89 0.79 0.00	23.20 0.68 0.00	23.94 -0.26 -0.16	24.07 -0.21 -0.41	24.03 -0.09 -0.41	26.38 0.67 0.00	26.03 0.78 0.00	23.16 0.05 -0.17	23.11 0.07 -0.15	23.39 0.14 -0.15	25.75 0.70 -0.03	25.03 0.02 -0.58	25.91 0.02 -1.00	26.00 -0.07 -1.48	29.36 -0.23 -0.90	26.49 -0.05 -0.38	22.80 -0.23 -0.50	21.94 0.39 0.00	20.78 0.76 0.00
DUNKIRK___3 23565	18.03 0.54 0.00	16.36 0.67 0.00	14.44 0.52 0.00	14.08 0.62 0.00	14.93 0.68 0.00	17.82 0.72 0.00	23.11 0.59 0.00	23.82 -0.38 -0.16	23.93 -0.36 -0.41	23.89 -0.24 -0.41	26.25 0.54 0.00	25.91 0.66 0.00	23.02 -0.09 -0.17	22.97 -0.07 -0.15	23.25 0.00 -0.15	25.62 0.58 -0.03	24.86 -0.15 -0.58	25.73 -0.15 -1.00	25.85 -0.22 -1.48	29.22 -0.37 -0.90	26.36 -0.18 -0.38	22.67 -0.36 -0.50	21.87 0.32 0.00	20.72 0.70 0.00
DUNKIRK___4 23566	18.04 0.56 0.00	16.36 0.67 0.00	14.44 0.52 0.00	14.09 0.63 0.00	14.93 0.68 0.00	17.84 0.74 0.00	23.14 0.61 0.00	23.84 -0.36 -0.15	23.94 -0.33 -0.40	23.93 -0.19 -0.41	26.25 0.54 0.00	25.91 0.66 0.00	23.07 -0.05 -0.17	23.01 -0.02 -0.15	23.29 0.05 -0.15	25.65 0.60 -0.03	24.89 -0.10 -0.57	25.76 -0.10 -0.98	25.87 -0.17 -1.45	29.23 -0.34 -0.88	26.37 -0.16 -0.37	22.70 -0.32 -0.49	21.85 0.30 0.00	20.72 0.70 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	18.59 1.10 0.00	16.62 0.94 0.00	14.75 0.82 0.00	14.21 0.75 0.00	15.01 0.77 0.00	18.04 0.94 0.00	23.83 1.31 0.00	26.65 1.64 -0.96	28.13 1.72 -2.54	27.98 1.73 -2.54	27.59 1.88 0.00	27.14 1.89 0.00	25.74 1.74 -1.05	25.54 1.72 -0.93	25.76 1.73 -0.94	27.10 1.90 -0.18	29.76 1.76 -3.58	32.78 1.77 -6.12	35.40 1.70 -9.11	36.21 1.98 -5.53	30.20 1.70 -2.35	27.14 1.53 -3.08	22.97 1.42 0.00	21.16 1.14 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	18.39 0.91 0.00	16.45 0.77 0.00	14.61 0.68 0.00	14.08 0.62 0.00	14.87 0.63 0.00	17.86 0.75 0.00	23.56 1.04 0.00	26.18 1.23 -0.90	27.54 1.29 -2.38	27.40 1.30 -2.38	27.12 1.41 0.00	26.66 1.41 0.00	25.22 1.28 -0.99	25.02 1.26 -0.87	25.27 1.29 -0.88	26.64 1.45 -0.17	29.10 1.32 -3.36	31.98 1.34 -5.75	34.46 1.30 -8.56	35.44 1.55 -5.20	29.70 1.33 -2.21	26.57 1.15 -2.90	22.61 1.06 0.00	20.88 0.86 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	18.72 1.22 -0.01	16.73 1.04 -0.01	14.86 0.92 -0.01	14.32 0.85 -0.01	15.12 0.87 -0.01	18.17 1.06 -0.01	23.93 1.40 -0.01	26.75 1.73 -0.97	28.21 1.79 -2.54	28.08 1.83 -2.55	27.70 1.98 -0.01	27.28 2.02 -0.01	25.86 1.86 -1.06	25.66 1.83 -0.94	25.89 1.85 -0.94	27.24 2.03 -0.19	29.84 1.83 -3.59	32.84 1.82 -6.13	35.45 1.75 -9.11	36.26 2.04 -5.53	30.13 1.62 -2.35	27.21 1.60 -3.09	23.09 1.53 -0.01	21.29 1.26 -0.01
E179THST_13_KV_LOAD 356214	18.77 1.28 -0.01	16.79 1.10 -0.01	14.90 0.96 -0.01	14.36 0.89 -0.01	15.16 0.91 -0.01	18.22 1.11 -0.01	24.02 1.49 -0.01	26.85 1.83 -0.97	28.30 1.89 -2.54	28.18 1.92 -2.55	27.80 2.08 -0.01	27.38 2.12 -0.01	25.98 1.97 -1.06	25.77 1.95 -0.94	25.98 1.94 -0.94	27.34 2.13 -0.19	29.96 1.95 -3.59	32.96 1.94 -6.13	35.57 1.87 -9.11	36.41 2.18 -5.53	30.23 1.73 -2.35	27.33 1.71 -3.09	23.20 1.64 -0.01	21.37 1.34 -0.01

EAST HAMPTON___GT 23717	20.02 2.53 0.00	17.89 2.21 0.00	15.84 1.91 0.00	15.21 1.75 0.00	16.08 1.84 0.00	19.52 2.41 -0.01	25.52 3.00 0.00	28.67 3.65 -0.96	30.32 3.89 -2.55	30.18 3.91 -2.56	29.76 4.04 -0.02	30.12 4.04 -0.83	28.46 3.60 -1.92	28.73 3.59 -2.25	29.19 3.63 -2.47	30.60 4.08 -1.50	31.86 3.83 -3.61	35.05 3.98 -6.18	41.04 3.88 -12.56	42.74 4.50 -9.55	32.60 4.03 -2.41	29.15 3.33 -3.29	24.88 3.32 -0.01	22.85 2.82 -0.01
EAST RIVER___6 23660	18.59 1.10 0.00	16.61 0.93 0.00	14.75 0.82 0.00	14.20 0.74 0.00	15.00 0.75 0.00	18.03 0.92 0.00	23.88 1.35 0.00	26.74 1.73 -0.96	28.22 1.81 -2.54	28.10 1.85 -2.54	27.64 1.93 0.00	27.27 2.02 0.00	25.88 1.88 -1.05	25.67 1.85 -0.93	25.90 1.87 -0.94	27.23 2.03 -0.18	29.85 1.86 -3.58	32.83 1.82 -6.12	35.40 1.70 -9.11	36.21 1.98 -5.53	30.15 1.65 -2.35	27.16 1.55 -3.08	23.08 1.53 0.00	21.16 1.14 0.00
EAST RIVER___7 23524	18.59 1.10 0.00	16.61 0.93 0.00	14.75 0.82 0.00	14.20 0.74 0.00	15.00 0.75 0.00	18.03 0.92 0.00	23.88 1.35 0.00	26.74 1.73 -0.96	28.22 1.81 -2.54	28.10 1.85 -2.54	27.64 1.93 0.00	27.27 2.02 0.00	25.88 1.88 -1.05	25.67 1.85 -0.93	25.90 1.87 -0.94	27.23 2.03 -0.18	29.85 1.86 -3.58	32.83 1.82 -6.12	35.40 1.70 -9.11	36.21 1.98 -5.53	30.15 1.65 -2.35	27.16 1.55 -3.08	23.08 1.53 0.00	21.16 1.14 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	18.53 1.05 0.00	16.58 0.89 0.00	14.72 0.79 0.00	14.19 0.73 0.00	14.99 0.74 0.00	17.99 0.89 0.00	23.77 1.24 0.00	26.57 1.56 -0.96	28.02 1.62 -2.52	27.90 1.66 -2.52	27.51 1.80 0.00	27.07 1.82 0.00	25.64 1.65 -1.05	25.44 1.63 -0.93	25.67 1.64 -0.93	27.03 1.83 -0.18	29.67 1.69 -3.56	32.65 1.67 -6.09	35.28 1.62 -9.06	36.09 1.89 -5.51	30.11 1.62 -2.34	27.05 1.46 -3.07	22.91 1.36 0.00	21.10 1.08 0.00
EAST_HAMPTON___DIESEL 23722	20.02 2.53 0.00	17.89 2.21 0.00	15.85 1.92 0.00	15.21 1.75 0.00	16.08 1.84 0.00	19.54 2.43 -0.01	25.52 3.00 0.00	28.67 3.65 -0.96	30.32 3.89 -2.55	30.18 3.91 -2.56	29.76 4.04 -0.02	30.12 4.04 -0.83	28.46 3.60 -1.92	28.73 3.59 -2.25	29.19 3.63 -2.47	30.60 4.08 -1.50	31.88 3.86 -3.61	35.05 3.98 -6.18	41.04 3.88 -12.56	42.77 4.53 -9.55	32.60 4.03 -2.41	29.15 3.33 -3.29	24.88 3.32 -0.01	22.85 2.82 -0.01
EAST_PULASKI___ESR 323781	17.75 0.26 0.00	15.95 0.27 0.00	14.14 0.21 0.00	13.68 0.22 0.00	14.49 0.24 0.00	17.44 0.34 0.00	23.00 0.47 0.00	24.61 0.48 -0.08	24.50 0.43 -0.20	24.27 0.36 -0.20	26.12 0.41 0.00	25.63 0.38 0.00	23.30 0.28 -0.08	23.26 0.30 -0.07	23.47 0.30 -0.07	25.21 0.18 -0.01	24.92 0.22 -0.28	25.62 0.25 -0.48	25.60 0.30 -0.72	29.56 0.43 -0.43	26.73 0.39 -0.18	23.26 0.50 -0.24	22.00 0.45 0.00	20.42 0.40 0.00
EAST_RIVER___1 323558	18.64 1.15 0.00	16.65 0.97 0.00	14.79 0.86 0.00	14.24 0.78 0.00	15.04 0.80 0.00	18.08 0.97 0.00	23.90 1.37 0.00	26.77 1.75 -0.96	28.22 1.81 -2.54	28.10 1.85 -2.54	27.64 1.93 0.00	27.27 2.02 0.00	25.88 1.88 -1.05	25.67 1.85 -0.93	25.90 1.87 -0.94	27.23 2.03 -0.18	29.85 1.86 -3.58	32.80 1.79 -6.12	35.43 1.72 -9.11	36.23 2.01 -5.53	30.20 1.70 -2.35	27.18 1.58 -3.08	23.10 1.55 0.00	21.22 1.20 0.00
EAST_RIVER___2 323559	18.59 1.10 0.00	16.61 0.93 0.00	14.75 0.82 0.00	14.20 0.74 0.00	15.00 0.75 0.00	18.03 0.92 0.00	23.88 1.35 0.00	26.74 1.73 -0.96	28.22 1.81 -2.54	28.10 1.85 -2.54	27.64 1.93 0.00	27.27 2.02 0.00	25.88 1.88 -1.05	25.67 1.85 -0.93	25.90 1.87 -0.94	27.23 2.03 -0.18	29.85 1.86 -3.58	32.83 1.82 -6.12	35.40 1.70 -9.11	36.21 1.98 -5.53	30.15 1.65 -2.35	27.16 1.55 -3.08	23.08 1.53 0.00	21.16 1.14 0.00
EAST___DELAWARE_HYD 23607	18.17 0.68 0.00	16.26 0.58 0.00	14.43 0.50 0.00	13.90 0.44 0.00	14.67 0.43 0.00	17.60 0.50 0.00	23.27 0.74 0.00	25.83 0.96 -0.81	27.02 1.00 -2.14	26.90 1.04 -2.15	26.74 1.03 0.00	26.28 1.04 0.00	24.82 0.99 -0.89	24.59 0.92 -0.79	24.88 0.99 -0.79	26.32 1.15 -0.15	28.45 1.00 -3.03	31.09 1.02 -5.18	33.33 1.03 -7.71	34.63 1.26 -4.68	29.19 1.05 -1.99	26.01 0.88 -2.61	22.39 0.84 0.00	20.64 0.62 0.00
EIGHT_POINT___WT_PWR 323820	18.15 0.66 0.00	16.42 0.74 0.00	14.51 0.58 0.00	14.13 0.67 0.00	15.00 0.75 0.00	17.97 0.87 0.00	23.50 0.97 0.00	24.58 0.97 -0.19	24.68 0.34 -0.50	24.59 0.38 -0.50	26.81 1.10 0.00	26.28 1.04 0.00	23.52 0.37 -0.21	23.49 0.41 -0.18	23.72 0.44 -0.18	25.98 0.93 -0.04	25.54 0.41 -0.71	26.54 0.45 -1.21	26.81 0.42 -1.80	30.24 0.46 -1.09	27.17 0.55 -0.46	23.40 0.27 -0.61	22.26 0.71 0.00	20.88 0.86 0.00
ELBRIDGE_115KV_TB2 80188	17.50 0.02 0.00	15.71 0.03 0.00	13.94 0.01 0.00	13.50 0.04 0.00	14.30 0.06 0.00	17.17 0.07 0.00	22.59 0.07 0.00	24.13 -0.02 -0.10	24.07 -0.07 -0.27	23.93 -0.05 -0.27	25.68 -0.03 0.00	25.22 -0.03 0.00	23.01 -0.05 -0.11	22.97 -0.02 -0.10	23.17 -0.02 -0.10	25.01 -0.03 -0.02	24.78 -0.02 -0.38	25.52 -0.02 -0.65	25.54 -0.02 -0.97	29.28 0.00 -0.59	26.43 0.03 -0.25	22.85 0.00 -0.33	21.57 0.02 0.00	20.08 0.06 0.00
ELEC_TRO_TEK 24086	18.88 1.40 0.00	16.86 1.18 0.00	14.95 1.02 0.00	14.36 0.90 0.00	15.19 0.94 0.00	18.35 1.25 0.00	24.10 1.58 0.00	26.98 1.97 -0.96	28.51 2.10 -2.54	28.36 2.11 -2.54	27.94 2.21 -0.02	28.31 2.22 -0.83	26.88 2.02 -1.92	27.15 2.01 -2.25	27.60 2.03 -2.47	28.74 2.23 -1.49	30.07 2.05 -3.60	33.15 2.14 -6.13	35.77 2.07 -9.12	36.64 2.41 -5.54	30.62 2.12 -2.35	27.62 1.80 -3.29	23.36 1.81 0.00	21.52 1.50 0.00
ELLENBURG_WT_PWR 323604	17.29 -0.19 0.00	15.57 -0.11 0.00	13.87 -0.06 0.00	13.43 -0.03 0.00	14.22 -0.03 0.00	17.07 -0.03 0.00	22.53 0.00 0.00	23.79 -0.26 0.00	23.78 -0.10 0.00	23.62 -0.09 0.00	25.56 -0.15 0.00	24.97 -0.28 0.00	22.64 -0.30 0.00	22.50 -0.39 0.00	22.57 -0.53 0.00	24.34 -0.67 0.00	24.15 -0.27 0.00	24.74 -0.15 0.00	24.52 -0.07 0.00	28.52 -0.17 0.00	26.00 -0.16 0.00	22.44 -0.09 0.00	21.36 -0.19 0.00	19.82 -0.20 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	17.76 0.28 0.00	16.11 0.42 0.00	14.24 0.31 0.00	13.89 0.43 0.00	14.72 0.47 0.00	17.56 0.46 0.00	22.77 0.25 0.00	23.57 -0.63 -0.15	23.67 -0.60 -0.39	23.60 -0.50 -0.39	25.73 0.03 0.00	25.40 0.15 0.00	22.76 -0.34 -0.16	22.71 -0.32 -0.14	22.99 -0.25 -0.14	25.17 0.13 -0.03	24.56 -0.42 -0.55	25.41 -0.42 -0.94	25.48 -0.52 -1.40	28.83 -0.72 -0.85	26.05 -0.47 -0.36	22.44 -0.56 -0.47	21.49 -0.06 0.00	20.42 0.40 0.00
EMPIRE_CC_1 323656	18.01 0.52 0.00	16.11 0.42 0.00	14.33 0.40 0.00	13.85 0.39 0.00	14.64 0.40 0.00	17.56 0.46 0.00	23.09 0.56 0.00	25.93 0.72 -1.16	27.60 0.67 -3.07	27.44 0.66 -3.07	26.40 0.69 0.00	25.98 0.73 0.00	24.86 0.64 -1.27	24.68 0.66 -1.12	24.90 0.67 -1.13	25.97 0.73 -0.22	29.46 0.71 -4.33	33.01 0.72 -7.40	36.32 0.71 -11.02	36.22 0.83 -6.69	29.78 0.78 -2.84	26.91 0.65 -3.73	22.15 0.60 0.00	20.40 0.38 0.00

EMPIRE_CC_2 323658	18.01 0.52 0.00	16.11 0.42 0.00	14.33 0.40 0.00	13.85 0.39 0.00	14.64 0.40 0.00	17.56 0.46 0.00	23.09 0.56 0.00	25.93 0.72 -1.16	27.60 0.67 -3.07	27.44 0.66 -3.07	26.40 0.69 0.00	25.98 0.73 0.00	24.86 0.64 -1.27	24.68 0.66 -1.12	24.90 0.67 -1.13	25.97 0.73 -0.22	29.46 0.71 -4.33	33.01 0.72 -7.40	36.32 0.71 -11.02	36.22 0.83 -6.69	29.78 0.78 -2.84	26.91 0.65 -3.73	22.15 0.60 0.00	20.40 0.38 0.00
ENORWICH_115KV_TB1 80156	18.71 1.22 0.00	16.84 1.16 0.00	14.92 0.99 0.00	14.42 0.96 0.00	15.27 1.03 0.00	18.47 1.37 0.00	24.28 1.76 0.00	26.23 1.88 -0.30	26.46 1.79 -0.80	26.15 1.64 -0.80	27.71 2.01 0.00	27.17 1.92 0.00	24.77 1.49 -0.33	24.67 1.49 -0.29	24.96 1.57 -0.30	27.00 1.93 -0.06	27.33 1.78 -1.13	28.76 1.94 -1.93	29.48 2.02 -2.87	32.93 2.50 -1.75	29.04 2.14 -0.74	25.23 1.73 -0.97	23.23 1.68 0.00	21.54 1.52 0.00
ERIE_ST__34_KV_TB1-2 80199	18.13 0.65 0.00	16.45 0.77 0.00	14.53 0.60 0.00	14.17 0.71 0.00	15.03 0.78 0.00	17.94 0.84 0.00	23.27 0.74 0.00	23.46 -0.75 -0.15	23.58 -0.69 -0.40	23.57 -0.55 -0.40	26.45 0.75 0.00	26.11 0.86 0.00	22.72 -0.39 -0.17	22.67 -0.37 -0.15	22.97 -0.28 -0.15	25.72 0.68 -0.03	24.55 -0.44 -0.57	25.41 -0.45 -0.97	25.52 -0.52 -1.44	28.82 -0.75 -0.87	26.03 -0.50 -0.37	22.38 -0.63 -0.49	22.05 0.50 0.00	20.90 0.88 0.00
ERIE_WT_PWR 323693	17.92 0.44 0.00	16.25 0.56 0.00	14.36 0.43 0.00	14.01 0.55 0.00	14.86 0.61 0.00	17.74 0.63 0.00	22.98 0.45 0.00	23.67 -0.53 -0.15	23.77 -0.50 -0.40	23.73 -0.38 -0.40	26.22 0.51 0.00	25.70 0.45 0.00	22.88 -0.23 -0.16	22.83 -0.21 -0.15	23.11 -0.14 -0.15	25.42 0.38 -0.03	24.69 -0.29 -0.56	25.55 -0.30 -0.96	25.63 -0.39 -1.43	28.99 -0.57 -0.87	26.18 -0.34 -0.37	22.56 -0.45 -0.48	21.72 0.17 0.00	20.64 0.62 0.00
ESPRGFLD_115KV_TB1 80157	19.08 1.59 0.00	17.09 1.41 0.00	15.17 1.24 0.00	14.63 1.17 0.00	15.61 1.37 0.00	18.86 1.76 0.00	25.10 2.57 0.00	25.86 2.60 0.79	24.30 2.51 2.07	24.05 2.42 2.08	28.43 2.73 0.00	27.90 2.65 0.00	24.29 2.20 0.86	24.35 2.22 0.76	24.43 2.10 0.77	27.27 2.40 0.15	23.79 2.30 2.93	22.37 2.49 5.01	19.62 2.48 7.46	27.12 2.96 4.53	27.01 2.77 1.92	22.37 2.37 2.52	23.73 2.18 0.00	21.80 1.78 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	17.94 0.45 0.00	16.12 0.44 0.00	14.29 0.36 0.00	13.82 0.36 0.00	14.66 0.41 0.00	17.62 0.51 0.00	23.20 0.68 0.00	24.86 0.60 -0.21	24.97 0.55 -0.55	24.78 0.52 -0.55	26.40 0.69 0.00	25.93 0.68 0.00	23.68 0.50 -0.23	23.60 0.50 -0.20	23.83 0.53 -0.20	25.73 0.68 -0.04	25.81 0.61 -0.78	26.87 0.65 -1.33	27.24 0.66 -1.98	30.73 0.83 -1.20	27.43 0.76 -0.51	23.80 0.61 -0.67	22.18 0.62 0.00	20.60 0.58 0.00
ETNA_____115KV_TB2 80207	17.94 0.45 0.00	16.12 0.44 0.00	14.29 0.36 0.00	13.82 0.36 0.00	14.66 0.41 0.00	17.62 0.51 0.00	23.20 0.68 0.00	24.86 0.60 -0.21	24.97 0.55 -0.55	24.78 0.52 -0.55	26.40 0.69 0.00	25.93 0.68 0.00	23.68 0.50 -0.23	23.60 0.50 -0.20	23.83 0.53 -0.20	25.73 0.68 -0.04	25.81 0.61 -0.78	26.87 0.65 -1.33	27.24 0.66 -1.98	30.73 0.83 -1.20	27.43 0.76 -0.51	23.80 0.61 -0.67	22.18 0.62 0.00	20.60 0.58 0.00
EUCLID___115KV_TB2 356179	17.40 -0.09 0.00	15.62 -0.06 0.00	13.85 -0.08 0.00	13.41 -0.05 0.00	14.20 -0.04 0.00	17.05 -0.05 0.00	22.41 -0.11 0.00	23.94 -0.19 -0.08	23.85 -0.24 -0.21	23.69 -0.24 -0.21	25.45 -0.26 0.00	25.02 -0.23 0.00	22.83 -0.21 -0.09	22.78 -0.18 -0.08	22.99 -0.18 -0.08	24.81 -0.23 -0.02	24.50 -0.22 -0.30	25.18 -0.22 -0.52	25.14 -0.22 -0.77	28.93 -0.23 -0.47	26.15 -0.21 -0.20	22.63 -0.16 -0.26	21.42 -0.13 0.00	19.94 -0.08 0.00
E_CANADA_CAP_HY 24051	19.09 1.61 0.00	17.09 1.41 0.00	15.17 1.24 0.00	14.63 1.17 0.00	15.63 1.38 0.00	18.88 1.78 0.00	25.14 2.61 0.00	27.92 2.62 -1.24	29.68 2.53 -3.28	29.44 2.44 -3.28	28.46 2.75 0.00	27.95 2.70 0.00	26.53 2.22 -1.36	26.34 2.24 -1.20	26.41 2.10 -1.21	27.66 2.40 -0.24	31.34 2.29 -4.63	35.32 2.51 -7.92	38.84 2.46 -11.78	38.81 2.96 -7.16	31.96 2.77 -3.04	28.90 2.39 -3.99	23.79 2.24 0.00	21.82 1.80 0.00
E_CANADA_MHWK_HY 24050	17.42 -0.07 0.00	15.64 -0.05 0.00	13.89 -0.04 0.00	13.42 -0.04 0.00	14.20 -0.04 0.00	17.09 -0.02 0.00	22.50 -0.02 0.00	24.07 0.02 0.00	23.87 0.00 0.00	23.73 0.02 0.00	25.76 0.05 0.00	25.27 0.03 0.00	22.94 0.00 0.00	22.89 0.00 0.00	23.05 -0.05 0.00	24.99 -0.02 0.00	24.40 -0.02 0.00	24.84 -0.05 0.00	24.47 -0.12 0.00	28.49 -0.20 0.00	25.87 -0.29 0.00	22.23 -0.29 0.00	21.23 -0.32 0.00	19.70 -0.32 0.00
E_FISHKILL___LBMP 23776	18.41 0.93 0.00	16.47 0.78 0.00	14.63 0.70 0.00	14.09 0.63 0.00	14.90 0.66 0.00	17.89 0.79 0.00	23.61 1.08 0.00	26.45 1.39 -1.01	27.99 1.46 -2.66	27.84 1.47 -2.66	27.30 1.59 0.00	26.84 1.59 0.00	25.51 1.47 -1.10	25.31 1.44 -0.98	25.53 1.46 -0.98	26.81 1.60 -0.19	29.66 1.49 -3.75	32.80 1.49 -6.42	35.60 1.45 -9.56	36.19 1.69 -5.80	30.08 1.46 -2.46	27.06 1.31 -3.23	22.76 1.21 0.00	20.96 0.94 0.00
FALCON___SEABRD_CC1 323796	17.45 -0.03 0.00	15.73 0.05 0.00	14.01 0.08 0.00	13.57 0.11 0.00	14.36 0.11 0.00	17.24 0.14 0.00	22.75 0.23 0.00	23.88 -0.17 0.00	23.92 0.05 0.00	23.73 0.02 0.00	25.68 -0.03 0.00	25.07 -0.18 0.00	22.74 -0.21 0.00	22.59 -0.30 0.00	22.68 -0.42 0.00	24.47 -0.55 0.00	24.45 0.02 0.00	25.04 0.15 0.00	24.81 0.22 0.00	28.84 0.14 0.00	26.31 0.16 0.00	22.70 0.18 0.00	21.62 0.06 0.00	20.04 0.02 0.00
FALCON___SEABRD_CC2 323797	17.45 -0.03 0.00	15.73 0.05 0.00	14.01 0.08 0.00	13.57 0.11 0.00	14.36 0.11 0.00	17.24 0.14 0.00	22.75 0.23 0.00	23.88 -0.17 0.00	23.92 0.05 0.00	23.73 0.02 0.00	25.68 -0.03 0.00	25.07 -0.18 0.00	22.74 -0.21 0.00	22.59 -0.30 0.00	22.68 -0.42 0.00	24.47 -0.55 0.00	24.45 0.02 0.00	25.04 0.15 0.00	24.81 0.22 0.00	28.84 0.14 0.00	26.31 0.16 0.00	22.70 0.18 0.00	21.62 0.06 0.00	20.04 0.02 0.00
FAR ROCKAWAY___4 23548	19.16 1.68 0.00	17.11 1.43 0.00	15.15 1.23 0.00	14.56 1.10 0.00	15.40 1.15 0.00	18.62 1.52 0.00	24.42 1.89 0.00	27.35 2.33 -0.96	28.87 2.46 -2.54	28.74 2.49 -2.54	28.37 2.65 -0.02	28.74 2.65 -0.83	27.25 2.39 -1.92	27.52 2.38 -2.25	27.96 2.40 -2.47	29.16 2.65 -1.49	30.48 2.47 -3.60	33.60 2.59 -6.13	36.22 2.51 -9.12	37.18 2.96 -5.54	31.10 2.59 -2.35	27.98 2.16 -3.29	23.71 2.16 0.00	21.86 1.84 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	18.66 1.17 0.00	16.65 0.97 0.00	14.79 0.86 0.00	14.24 0.78 0.00	15.06 0.81 0.00	18.09 0.99 0.00	23.92 1.40 0.00	26.77 1.76 -0.96	28.22 1.81 -2.54	28.10 1.85 -2.54	27.69 1.98 0.00	27.27 2.02 0.00	25.88 1.88 -1.05	25.67 1.85 -0.93	25.90 1.87 -0.94	27.25 2.05 -0.18	29.86 1.86 -3.58	32.83 1.82 -6.12	35.43 1.72 -9.11	36.24 2.01 -5.53	30.20 1.70 -2.35	27.21 1.60 -3.08	23.06 1.51 0.00	21.22 1.20 0.00

FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	18.66 1.17 0.00	16.65 0.97 0.00	14.79 0.86 0.00	14.24 0.78 0.00	15.06 0.81 0.00	18.09 0.99 0.00	23.92 1.40 0.00	26.77 1.76 -0.96	28.22 1.81 -2.54	28.10 1.85 -2.54	27.69 1.98 0.00	27.27 2.02 0.00	25.88 1.88 -1.05	25.67 1.85 -0.93	25.90 1.87 -0.94	27.25 2.05 -0.18	29.86 1.86 -3.58	32.83 1.82 -6.12	35.43 1.72 -9.11	36.24 2.01 -5.53	30.23 1.73 -2.35	27.21 1.60 -3.08	23.06 1.51 0.00	21.22 1.20 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	18.64 1.15 0.00	16.65 0.97 0.00	14.79 0.86 0.00	14.24 0.78 0.00	15.04 0.80 0.00	18.08 0.97 0.00	23.90 1.37 0.00	26.74 1.73 -0.96	28.22 1.81 -2.54	28.10 1.85 -2.54	27.69 1.98 0.00	27.27 2.02 0.00	25.88 1.88 -1.05	25.67 1.85 -0.93	25.88 1.85 -0.94	27.23 2.03 -0.18	29.83 1.83 -3.58	32.80 1.79 -6.12	35.40 1.70 -9.11	36.24 2.01 -5.53	30.20 1.70 -2.35	27.18 1.58 -3.08	23.06 1.51 0.00	21.22 1.20 0.00
FARRAGUT___LBMP 323566	18.64 1.15 0.00	16.64 0.96 0.00	14.78 0.85 0.00	14.23 0.77 0.00	15.04 0.80 0.00	18.06 0.96 0.00	23.88 1.35 0.00	26.74 1.73 -0.96	28.20 1.79 -2.54	28.07 1.83 -2.54	27.66 1.95 0.00	27.24 1.99 0.00	25.85 1.86 -1.05	25.65 1.83 -0.93	25.86 1.82 -0.94	27.20 2.00 -0.18	29.83 1.83 -3.58	32.80 1.79 -6.12	35.40 1.70 -9.11	36.21 1.98 -5.53	30.18 1.67 -2.35	27.16 1.55 -3.08	23.04 1.49 0.00	21.20 1.18 0.00
FENNER___WINDPWR 24204	17.83 0.35 0.00	16.03 0.34 0.00	14.21 0.28 0.00	13.74 0.28 0.00	14.54 0.30 0.00	17.51 0.41 0.00	23.05 0.52 0.00	24.69 0.53 -0.11	24.67 0.50 -0.30	24.48 0.47 -0.30	26.33 0.62 0.00	25.80 0.55 0.00	23.50 0.43 -0.12	23.43 0.43 -0.11	23.64 0.44 -0.11	25.57 0.53 -0.02	25.33 0.49 -0.42	26.11 0.50 -0.72	26.18 0.52 -1.07	30.00 0.66 -0.65	27.01 0.57 -0.28	23.36 0.47 -0.36	22.03 0.47 0.00	20.46 0.44 0.00
FIBERTEK___ENERGY 23856	17.62 0.14 0.00	15.84 0.16 0.00	14.04 0.11 0.00	13.58 0.12 0.00	14.40 0.16 0.00	17.29 0.19 0.00	22.77 0.25 0.00	24.31 0.17 -0.10	24.24 0.12 -0.25	24.08 0.12 -0.25	25.89 0.18 0.00	25.43 0.18 0.00	23.19 0.14 -0.10	23.14 0.16 -0.09	23.33 0.14 -0.09	25.19 0.15 -0.02	24.90 0.12 -0.36	25.62 0.12 -0.61	25.65 0.15 -0.91	29.47 0.23 -0.55	26.60 0.21 -0.23	23.03 0.20 -0.31	21.77 0.22 0.00	20.24 0.22 0.00
FITZPATRICK____ 23598	17.14 -0.35 0.00	15.38 -0.30 0.00	13.65 -0.28 0.00	13.20 -0.26 0.00	13.99 -0.26 0.00	16.78 -0.33 0.00	22.10 -0.43 0.00	23.56 -0.55 -0.06	23.43 -0.60 -0.15	23.27 -0.59 -0.15	25.09 -0.62 0.00	24.62 -0.63 0.00	22.45 -0.55 -0.06	22.39 -0.55 -0.05	22.60 -0.55 -0.06	24.43 -0.60 -0.01	24.05 -0.59 -0.21	24.65 -0.60 -0.36	24.54 -0.59 -0.54	28.36 -0.66 -0.33	25.69 -0.60 -0.14	22.19 -0.52 -0.18	21.08 -0.47 0.00	19.64 -0.38 0.00
FLOWRFLD_69_KV_BK1 356044	19.30 1.82 0.00	17.25 1.57 0.00	15.27 1.34 0.00	14.67 1.21 0.00	15.51 1.27 0.00	18.81 1.71 0.00	24.64 2.12 0.00	27.68 2.67 -0.96	29.27 2.84 -2.55	29.11 2.85 -2.56	28.66 2.93 -0.02	29.04 2.95 -0.83	27.54 2.68 -1.92	27.79 2.66 -2.25	28.24 2.68 -2.47	29.53 3.00 -1.51	30.82 2.78 -3.61	33.98 2.89 -6.21	41.37 2.80 -13.97	43.18 3.30 -11.19	31.47 2.88 -2.43	28.27 2.46 -3.29	23.97 2.41 0.00	22.06 2.04 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	18.53 1.05 0.00	16.58 0.89 0.00	14.72 0.79 0.00	14.19 0.73 0.00	14.99 0.74 0.00	17.96 0.86 0.00	23.74 1.22 0.00	26.53 1.52 -0.96	27.96 1.55 -2.53	27.84 1.59 -2.54	27.43 1.72 0.00	26.94 1.69 0.00	25.53 1.54 -1.05	25.31 1.49 -0.93	25.58 1.55 -0.94	26.93 1.73 -0.18	29.59 1.59 -3.58	32.65 1.64 -6.12	35.30 1.60 -9.11	36.12 1.89 -5.53	30.13 1.62 -2.35	27.00 1.40 -3.08	22.84 1.29 0.00	21.06 1.04 0.00
FORT ORANGE____ 23900	17.96 0.47 0.00	16.07 0.39 0.00	14.32 0.39 0.00	13.82 0.36 0.00	14.64 0.40 0.00	17.56 0.46 0.00	23.16 0.63 0.00	25.94 0.70 -1.19	27.69 0.67 -3.15	27.53 0.66 -3.15	26.46 0.75 0.00	26.01 0.76 0.00	24.87 0.62 -1.31	24.68 0.64 -1.15	24.90 0.65 -1.16	26.02 0.78 -0.23	29.57 0.71 -4.44	33.24 0.75 -7.60	36.67 0.76 -11.31	36.45 0.89 -6.87	29.88 0.81 -2.92	27.01 0.65 -3.83	22.15 0.60 0.00	20.40 0.38 0.00
FORT_DRUM_COGEN 23780	17.83 0.35 0.00	16.03 0.35 0.00	14.21 0.28 0.00	13.73 0.27 0.00	14.54 0.30 0.00	17.58 0.48 0.00	23.20 0.68 0.00	24.93 0.82 -0.06	24.76 0.74 -0.15	24.43 0.57 -0.15	26.33 0.62 0.00	25.75 0.50 0.00	23.35 0.34 -0.06	23.27 0.32 -0.06	23.52 0.37 -0.06	25.51 0.48 -0.01	25.20 0.56 -0.21	25.90 0.65 -0.37	25.92 0.79 -0.54	30.08 1.06 -0.33	27.19 0.89 -0.14	23.50 0.79 -0.18	22.22 0.67 0.00	20.58 0.56 0.00
FPL_FAR_ROCK_GT1 24212	19.17 1.68 0.00	17.11 1.43 0.00	15.15 1.23 0.00	14.57 1.10 0.00	15.40 1.15 0.00	18.63 1.52 -0.01	24.42 1.89 0.00	27.34 2.33 -0.96	28.88 2.46 -2.54	28.75 2.49 -2.55	28.32 2.60 -0.02	28.73 2.65 -0.83	27.25 2.39 -1.92	27.52 2.52 -2.25	27.96 2.40 -2.47	29.16 2.65 -1.49	30.48 2.47 -3.60	33.58 2.56 -6.13	36.23 2.51 -9.12	37.19 2.96 -5.54	31.10 2.59 -2.36	27.98 2.16 -3.29	23.78 2.22 -0.01	21.87 1.84 -0.01
FPL_FAR_ROCK_GT2 23815	19.17 1.68 0.00	17.11 1.43 0.00	15.15 1.23 0.00	14.57 1.10 0.00	15.40 1.15 0.00	18.63 1.52 -0.01	24.42 1.89 0.00	27.34 2.33 -0.96	28.88 2.46 -2.54	28.75 2.49 -2.55	28.32 2.60 -0.02	28.73 2.65 -0.83	27.25 2.39 -1.92	27.52 2.38 -2.25	27.96 2.40 -2.47	29.16 2.65 -1.49	30.48 2.47 -3.60	33.58 2.56 -6.13	36.23 2.51 -9.12	37.19 2.96 -5.54	31.10 2.59 -2.36	27.98 2.16 -3.29	23.78 2.22 -0.01	21.87 1.84 -0.01
FRANKLIN_FALL_HYD 24054	17.36 -0.12 0.00	15.64 -0.05 0.00	13.93 0.00 0.00	13.47 0.01 0.00	14.26 0.01 0.00	17.12 0.02 0.00	22.62 0.09 0.00	24.05 0.00 0.00	24.09 0.21 0.00	23.88 0.17 0.00	25.84 0.13 0.00	25.25 0.00 0.00	22.90 -0.05 0.00	22.75 -0.14 0.00	22.84 -0.25 0.00	24.67 -0.35 0.00	24.35 -0.07 0.00	24.94 0.05 0.00	24.72 0.12 0.00	28.72 0.03 0.00	26.21 0.05 0.00	22.66 0.14 0.00	21.62 0.06 0.00	20.02 0.00 0.00
FREEPORT_EQUS_GT1 23764	19.04 1.56 0.00	17.00 1.32 0.00	15.07 1.14 0.00	14.48 1.02 0.00	15.31 1.07 0.00	18.55 1.44 -0.01	24.31 1.78 0.00	27.20 2.19 -0.96	28.73 2.31 -2.54	28.58 2.33 -2.55	28.14 2.42 -0.02	28.53 2.45 -0.83	27.08 2.22 -1.92	27.35 2.22 -2.25	27.80 2.24 -2.47	28.99 2.48 -1.49	30.34 2.32 -3.60	33.40 2.39 -6.13	36.05 2.34 -9.12	36.96 2.73 -5.54	30.89 2.38 -2.36	27.85 2.03 -3.29	23.65 2.09 -0.01	21.73 1.70 -0.01
FREEPORT___CT2 23818	19.04 1.56 0.00	17.00 1.32 0.00	15.07 1.14 0.00	14.48 1.02 0.00	15.31 1.07 0.00	18.55 1.44 -0.01	24.31 1.78 0.00	27.20 2.19 -0.96	28.73 2.31 -2.54	28.58 2.33 -2.55	28.14 2.42 -0.02	28.53 2.45 -0.83	27.08 2.22 -1.92	27.35 2.22 -2.25	27.80 2.24 -2.47	28.99 2.48 -1.49	30.34 2.32 -3.60	33.40 2.39 -6.13	36.05 2.34 -9.12	36.96 2.73 -5.54	30.89 2.38 -2.36	27.85 2.03 -3.29	23.65 2.09 -0.01	21.73 1.70 -0.01

FRESHKLS_33_KV_LOAD 356253	18.59 1.10 -0.01	16.60 0.91 -0.01	14.74 0.81 -0.01	14.18 0.71 -0.01	14.99 0.74 -0.01	18.00 0.89 -0.01	23.80 1.28 0.01	26.66 1.66 -0.95	28.12 1.72 -2.53	28.02 1.78 -2.53	27.60 1.90 0.01	27.19 1.94 0.01	25.80 1.81 -1.04	25.60 1.79 -0.92	25.83 1.80 -0.93	27.17 1.98 -0.17	29.85 1.86 -3.57	32.79 1.79 -6.12	35.43 1.72 -9.11	36.21 1.98 -5.53	30.02 1.52 -2.35	27.15 1.55 -3.07	22.99 1.44 0.01	21.15 1.12 -0.01
FULTON COGEN____ 23766	17.75 0.26 0.00	15.95 0.27 0.00	14.14 0.21 0.00	13.68 0.22 0.00	14.50 0.26 0.00	17.43 0.32 0.00	22.98 0.45 0.00	24.54 0.41 -0.08	24.44 0.36 -0.21	24.26 0.33 -0.21	26.12 0.41 0.00	25.63 0.38 0.00	23.35 0.32 -0.09	23.31 0.34 -0.08	23.50 0.32 -0.08	25.26 0.23 -0.02	24.94 0.22 -0.30	25.63 0.22 -0.52	25.63 0.27 -0.77	29.53 0.37 -0.47	26.72 0.37 -0.20	23.24 0.45 -0.26	21.98 0.43 0.00	20.40 0.38 0.00
FULTON____LFGE 323630	19.43 1.94 0.00	17.39 1.71 0.00	15.42 1.49 0.00	14.86 1.40 0.00	15.94 1.69 0.00	19.29 2.19 0.00	25.75 3.22 0.00	28.47 3.17 -1.24	30.18 3.03 -3.28	29.91 2.92 -3.28	29.00 3.29 0.00	28.35 3.10 0.00	26.90 2.59 -1.36	26.75 2.65 -1.20	26.92 2.61 -1.21	28.23 2.98 -0.24	31.90 2.86 -4.63	35.97 3.16 -7.92	39.47 3.10 -11.78	39.58 3.73 -7.16	32.70 3.51 -3.04	29.39 2.88 -3.99	24.29 2.74 0.00	22.22 2.20 0.00
G.F.CEMENT____DRP 24184	18.83 1.35 0.00	16.83 1.14 0.00	14.95 1.02 0.00	14.42 0.96 0.00	15.36 1.11 0.00	18.54 1.44 0.00	24.44 1.91 0.00	27.23 1.95 -1.23	29.03 1.91 -3.25	28.82 1.85 -3.26	27.82 2.11 0.00	27.32 2.07 0.00	25.99 1.70 -1.35	25.82 1.74 -1.19	26.05 1.76 -1.20	27.05 1.80 -0.23	30.72 1.71 -4.59	34.58 1.84 -7.86	38.00 1.72 -11.69	37.86 2.07 -7.10	31.29 2.12 -3.01	28.17 1.69 -3.95	23.19 1.64 0.00	21.32 1.30 0.00
GARDENVILLE____LBMP 24039	17.85 0.37 0.00	16.17 0.49 0.00	14.30 0.38 0.00	13.95 0.48 0.00	14.79 0.54 0.00	17.65 0.55 0.00	22.87 0.34 0.00	23.60 -0.60 -0.15	23.70 -0.57 -0.40	23.66 -0.45 -0.40	25.89 0.18 0.00	25.55 0.30 0.00	22.81 -0.30 -0.16	22.76 -0.27 -0.15	23.04 -0.21 -0.15	25.30 0.25 -0.03	24.62 -0.37 -0.56	25.47 -0.37 -0.96	25.55 -0.47 -1.43	28.90 -0.66 -0.87	26.11 -0.42 -0.37	22.47 -0.54 -0.48	21.62 0.06 0.00	20.52 0.50 0.00
GARDNVLA_35_KV_LD 355827	17.94 0.45 0.00	16.26 0.58 0.00	14.37 0.45 0.00	14.03 0.57 0.00	14.87 0.63 0.00	17.75 0.65 0.00	23.00 0.47 0.00	23.70 -0.51 -0.15	23.79 -0.48 -0.40	23.75 -0.36 -0.40	26.07 0.36 0.00	25.73 0.48 0.00	22.90 -0.21 -0.16	22.85 -0.18 -0.15	23.13 -0.12 -0.15	25.47 0.43 -0.03	24.71 -0.27 -0.56	25.57 -0.27 -0.96	25.65 -0.37 -1.43	29.01 -0.55 -0.87	26.21 -0.31 -0.37	22.58 -0.43 -0.48	21.75 0.19 0.00	20.66 0.64 0.00
GELCKHM__115KV_LOAD 80723	17.47 -0.02 0.00	15.70 0.02 0.00	13.91 -0.01 0.00	13.47 0.01 0.00	14.26 0.01 0.00	17.14 0.03 0.00	22.55 0.02 0.00	24.09 -0.05 -0.09	24.00 -0.10 -0.23	23.84 -0.09 -0.23	25.61 -0.10 0.00	25.17 -0.08 0.00	22.97 -0.07 -0.09	22.90 -0.07 -0.08	23.11 -0.07 -0.08	24.94 -0.10 -0.02	24.65 -0.10 -0.32	25.34 -0.10 -0.55	25.34 -0.07 -0.82	29.13 -0.06 -0.50	26.32 -0.05 -0.21	22.78 -0.02 -0.28	21.55 0.00 0.00	20.04 0.02 0.00
GENERAL____MILLS 23808	17.92 0.44 0.00	16.23 0.55 0.00	14.35 0.42 0.00	14.00 0.54 0.00	14.84 0.60 0.00	17.72 0.62 0.00	22.98 0.45 0.00	23.65 -0.55 -0.15	23.74 -0.53 -0.40	23.71 -0.40 -0.40	25.99 0.28 0.00	25.68 0.43 0.00	22.86 -0.25 -0.16	22.81 -0.23 -0.15	23.08 -0.16 -0.15	25.40 0.35 -0.03	24.66 -0.32 -0.56	25.52 -0.32 -0.96	25.60 -0.42 -1.43	28.96 -0.60 -0.87	26.16 -0.37 -0.37	22.51 -0.50 -0.48	21.70 0.15 0.00	20.62 0.60 0.00
GE_PLASTICS____DRP 24183	17.96 0.47 0.00	16.07 0.39 0.00	14.32 0.39 0.00	13.82 0.36 0.00	14.63 0.38 0.00	17.56 0.46 0.00	23.14 0.61 0.00	25.95 0.70 -1.20	27.72 0.69 -3.16	27.56 0.69 -3.16	26.48 0.77 0.00	26.03 0.78 0.00	24.92 0.67 -1.31	24.71 0.66 -1.16	24.95 0.69 -1.16	26.02 0.78 -0.23	29.61 0.73 -4.45	33.26 0.75 -7.62	36.67 0.74 -11.34	36.44 0.86 -6.89	29.86 0.78 -2.92	27.01 0.65 -3.84	22.11 0.56 0.00	20.42 0.40 0.00
GILBOA____1 23756	18.06 0.58 0.00	16.17 0.49 0.00	14.37 0.45 0.00	13.88 0.42 0.00	14.67 0.43 0.00	17.62 0.51 0.00	23.23 0.70 0.00	25.80 0.82 -0.93	27.14 0.81 -2.46	27.00 0.83 -2.46	26.61 0.90 0.00	26.18 0.93 0.00	24.79 0.82 -1.02	24.59 0.80 -0.90	24.83 0.83 -0.91	26.12 0.93 -0.18	28.74 0.85 -3.47	31.64 0.82 -5.93	34.23 0.81 -8.83	35.00 0.95 -5.36	29.32 0.89 -2.28	26.28 0.77 -2.99	22.28 0.73 0.00	20.56 0.54 0.00
GILBOA____2 23757	18.06 0.58 0.00	16.17 0.49 0.00	14.37 0.45 0.00	13.88 0.42 0.00	14.67 0.43 0.00	17.62 0.51 0.00	23.23 0.70 0.00	25.80 0.82 -0.93	27.14 0.81 -2.46	27.00 0.83 -2.46	26.61 0.90 0.00	26.18 0.93 0.00	24.79 0.82 -1.02	24.59 0.80 -0.90	24.83 0.83 -0.91	26.12 0.93 -0.18	28.74 0.85 -3.47	31.64 0.82 -5.93	34.23 0.81 -8.83	35.00 0.95 -5.36	29.32 0.89 -2.28	26.28 0.77 -2.99	22.28 0.73 0.00	20.56 0.54 0.00
GILBOA____3 23758	18.06 0.58 0.00	16.17 0.49 0.00	14.37 0.45 0.00	13.88 0.42 0.00	14.67 0.43 0.00	17.62 0.51 0.00	23.23 0.70 0.00	25.80 0.82 -0.93	27.14 0.81 -2.46	27.00 0.83 -2.46	26.61 0.90 0.00	26.18 0.93 0.00	24.79 0.82 -1.02	24.59 0.80 -0.90	24.83 0.83 -0.91	26.12 0.93 -0.18	28.74 0.85 -3.47	31.64 0.82 -5.93	34.23 0.81 -8.83	35.00 0.95 -5.36	29.32 0.89 -2.28	26.28 0.77 -2.99	22.28 0.73 0.00	20.56 0.54 0.00
GILBOA____4 23759	18.06 0.58 0.00	16.17 0.49 0.00	14.37 0.45 0.00	13.88 0.42 0.00	14.67 0.43 0.00	17.62 0.51 0.00	23.23 0.70 0.00	25.80 0.82 -0.93	27.14 0.81 -2.46	27.00 0.83 -2.46	26.61 0.90 0.00	26.18 0.93 0.00	24.79 0.82 -1.02	24.59 0.80 -0.90	24.83 0.83 -0.91	26.12 0.93 -0.18	28.74 0.85 -3.47	31.64 0.82 -5.93	34.23 0.81 -8.83	35.00 0.95 -5.36	29.32 0.89 -2.28	26.28 0.77 -2.99	22.28 0.73 0.00	20.56 0.54 0.00
GILBOA____ 23599	18.06 0.58 0.00	16.17 0.49 0.00	14.37 0.45 0.00	13.88 0.42 0.00	14.67 0.43 0.00	17.62 0.51 0.00	23.23 0.70 0.00	25.80 0.82 -0.93	27.14 0.81 -2.46	27.00 0.83 -2.46	26.63 0.93 0.00	26.18 0.93 0.00	24.79 0.83 -1.02	24.59 0.80 -0.90	24.83 0.83 -0.91	26.12 0.93 -0.18	28.74 0.85 -3.47	31.64 0.82 -5.93	34.23 0.81 -8.83	35.00 0.95 -5.36	29.32 0.89 -2.28	26.28 0.77 -2.99	22.24 0.69 0.00	20.56 0.54 0.00
GINNA____ 23603	16.65 -0.84 0.00	14.99 -0.69 0.00	13.27 -0.65 0.00	12.90 -0.56 0.00	13.66 -0.58 0.00	16.35 -0.75 0.00	21.49 -1.04 0.00	23.15 -1.01 -0.11	23.15 -1.00 -0.28	22.97 -1.02 -0.28	24.53 -1.18 0.00	24.01 -1.24 0.00	22.12 -0.94 -0.12	22.10 -0.89 -0.10	22.35 -0.85 -0.10	23.99 -1.05 -0.02	23.96 -0.86 -0.40	24.69 -0.87 -0.68	24.67 -0.93 -1.01	28.27 -1.03 -0.61	25.48 -0.94 -0.26	21.94 -0.92 -0.34	20.45 -1.10 0.00	19.14 -0.88 0.00

GLEN PARK____ 23778	17.90 0.42 0.00	16.09 0.41 0.00	14.28 0.35 0.00	13.78 0.32 0.00	14.60 0.36 0.00	17.65 0.55 0.00	23.32 0.79 0.00	25.05 0.94 -0.06	24.88 0.86 -0.15	24.53 0.66 -0.15	26.46 0.75 0.00	25.85 0.60 0.00	23.42 0.41 -0.06	23.33 0.39 -0.06	23.59 0.44 -0.06	25.61 0.58 -0.01	25.30 0.66 -0.22	26.03 0.77 -0.37	26.05 0.91 -0.55	30.26 1.23 -0.33	27.32 1.02 -0.14	23.59 0.88 -0.19	22.33 0.77 0.00	20.68 0.66 0.00
GLENDALE_27_KV_LOAD 356172	18.77 1.28 -0.01	16.77 1.08 -0.01	14.90 0.96 -0.01	14.34 0.87 -0.01	15.15 0.90 -0.01	18.21 1.09 -0.01	24.09 1.55 -0.01	26.94 1.92 -0.97	28.40 1.98 -2.54	30.35 2.02 -4.62	27.90 2.19 -0.01	27.53 2.22 -0.06	27.49 2.04 -2.51	27.49 2.01 -2.59	27.49 2.03 -2.36	28.47 2.23 -1.23	30.06 2.05 -3.59	33.03 2.02 -6.13	35.62 1.92 -9.11	36.46 2.24 -5.53	30.34 1.83 -2.35	27.37 1.76 -3.09	23.22 1.66 -0.01	21.37 1.34 -0.01
GLENWOOD_IC_1_G5 23712	18.85 1.36 0.00	16.83 1.14 0.00	14.93 1.00 0.00	14.36 0.90 0.00	15.19 0.94 0.00	18.32 1.21 0.00	24.10 1.58 0.00	26.98 1.97 -0.96	28.48 2.08 -2.54	28.36 2.11 -2.54	27.99 2.26 -0.02	28.36 2.27 -0.83	26.92 2.06 -1.92	27.19 2.06 -2.25	27.64 2.08 -2.47	28.79 2.28 -1.49	30.12 2.10 -3.60	32.98 1.97 -6.13	35.60 1.89 -9.12	36.47 2.24 -5.54	30.44 1.94 -2.35	27.64 1.82 -3.29	23.32 1.77 0.00	21.46 1.44 0.00
GLENWOOD_IC_2_G1 23688	18.73 1.24 0.00	16.73 1.05 0.00	14.85 0.92 0.00	14.30 0.83 0.00	15.10 0.85 0.00	18.21 1.10 -0.01	23.97 1.44 0.00	26.82 1.80 -0.96	28.33 1.91 -2.54	28.18 1.92 -2.55	27.78 2.06 -0.02	28.18 2.09 -0.83	26.76 1.90 -1.92	27.01 1.88 -2.25	27.48 1.92 -2.47	28.61 2.10 -1.49	29.95 1.93 -3.60	32.96 1.94 -6.13	35.61 1.89 -9.12	36.45 2.21 -5.54	30.42 1.91 -2.36	27.51 1.69 -3.29	23.22 1.66 -0.01	21.35 1.32 -0.01
GLENWOOD_IC_3_G1 23689	18.73 1.24 0.00	16.73 1.05 0.00	14.85 0.92 0.00	14.30 0.83 0.00	15.10 0.85 0.00	18.21 1.10 -0.01	23.97 1.44 0.00	26.82 1.80 -0.96	28.33 1.91 -2.54	28.18 1.92 -2.55	27.78 2.06 -0.02	28.18 2.09 -0.83	26.76 1.90 -1.92	27.01 1.88 -2.25	27.48 1.92 -2.47	28.61 2.10 -1.49	29.95 1.93 -3.60	32.96 1.94 -6.13	35.61 1.89 -9.12	36.45 2.21 -5.54	30.42 1.91 -2.36	27.51 1.69 -3.29	23.22 1.66 -0.01	21.35 1.32 -0.01
GLENWOOD____4 23550	18.85 1.36 0.00	16.83 1.14 0.00	14.93 1.00 0.00	14.36 0.90 0.00	15.19 0.94 0.00	18.32 1.21 0.00	24.10 1.58 0.00	26.98 1.97 -0.96	28.48 2.08 -2.54	28.36 2.11 -2.54	27.99 2.26 -0.02	28.36 2.27 -0.83	26.92 2.06 -1.92	27.19 2.06 -2.25	27.64 2.08 -2.47	28.79 2.28 -1.49	30.12 2.10 -3.60	33.05 2.04 -6.13	35.68 1.97 -9.12	36.52 2.30 -5.54	30.49 1.99 -2.35	27.64 1.82 -3.29	23.32 1.77 0.00	21.46 1.44 0.00
GLENWOOD____5 23614	18.85 1.36 0.00	16.83 1.14 0.00	14.93 1.00 0.00	14.36 0.90 0.00	15.19 0.94 0.00	18.32 1.21 0.00	24.10 1.58 0.00	26.98 1.97 -0.96	28.48 2.08 -2.54	28.36 2.11 -2.54	27.99 2.26 -0.02	28.36 2.27 -0.83	26.92 2.06 -1.92	27.19 2.06 -2.25	27.64 2.08 -2.47	28.79 2.28 -1.49	30.12 2.10 -3.60	33.05 2.04 -6.13	35.68 1.97 -9.12	36.52 2.30 -5.54	30.49 1.99 -2.35	27.64 1.82 -3.29	23.32 1.77 0.00	21.46 1.44 0.00
GLOBAL GREEN_PORT_GT1 23814	19.97 2.48 0.00	17.85 2.16 0.00	15.81 1.88 0.00	15.17 1.71 0.00	16.04 1.79 0.00	19.49 2.38 -0.01	25.48 2.95 0.00	28.62 3.61 -0.96	30.27 3.84 -2.55	30.13 3.87 -2.56	29.68 3.96 -0.02	30.07 3.99 -0.83	28.42 3.56 -1.92	28.68 3.55 -2.25	29.14 3.58 -2.47	30.55 4.03 -1.50	31.83 3.81 -3.61	34.98 3.91 -6.18	40.97 3.81 -12.56	42.71 4.47 -9.55	32.55 3.97 -2.41	29.11 3.29 -3.29	24.83 3.27 -0.01	22.81 2.78 -0.01
GLOBE____DSASP 323697	17.15 -0.33 0.00	15.53 -0.16 0.00	13.75 -0.18 0.00	13.42 -0.04 0.00	14.22 -0.03 0.00	16.97 -0.14 0.00	21.94 -0.59 0.00	22.94 -1.25 -0.14	23.00 -1.24 -0.37	22.94 -1.14 -0.37	24.63 -1.08 0.00	24.34 -0.91 0.00	22.11 -0.99 -0.15	22.09 -0.94 -0.14	22.36 -0.88 -0.14	24.20 -0.85 -0.03	23.87 -1.07 -0.52	24.66 -1.12 -0.89	24.69 -1.23 -1.33	27.95 -1.55 -0.81	25.30 -1.20 -0.34	21.80 -1.17 -0.45	20.62 -0.93 0.00	19.72 -0.30 0.00
GOETHSLN____LBMP 323567	18.57 1.08 0.00	16.58 0.89 0.00	14.74 0.81 0.00	14.19 0.73 0.00	14.99 0.74 0.00	18.01 0.91 0.00	23.79 1.26 0.00	26.62 1.61 -0.96	28.05 1.65 -2.54	27.93 1.68 -2.54	27.53 1.83 0.00	27.12 1.87 0.00	25.76 1.77 -1.05	25.56 1.74 -0.93	25.76 1.73 -0.94	27.10 1.90 -0.18	29.68 1.69 -3.58	32.65 1.64 -6.12	35.25 1.55 -9.11	36.03 1.81 -5.53	30.05 1.54 -2.35	27.07 1.46 -3.08	22.95 1.40 0.00	21.12 1.10 0.00
GOLAH____69_KV_TB 1_2 80279	17.59 0.10 0.00	15.84 0.16 0.00	14.03 0.10 0.00	13.65 0.19 0.00	14.49 0.24 0.00	17.33 0.22 0.00	22.59 0.07 0.00	24.24 0.07 -0.11	24.19 0.02 -0.30	24.08 0.07 -0.30	25.68 -0.03 0.00	25.20 -0.05 0.00	23.11 0.05 -0.12	23.09 0.09 -0.11	23.37 0.16 -0.11	25.09 0.05 -0.02	24.96 0.12 -0.42	25.73 0.12 -0.72	25.73 0.07 -1.07	29.51 0.17 -0.65	26.67 0.24 -0.28	22.91 0.02 -0.36	21.40 -0.15 0.00	20.14 0.12 0.00
GOODYEAR_LAKE_HYD 323669	18.24 0.75 0.00	16.34 0.66 0.00	14.51 0.59 0.00	14.00 0.54 0.00	14.81 0.57 0.00	17.84 0.74 0.00	23.47 0.95 0.00	25.59 1.08 -0.46	26.16 1.07 -1.21	25.99 1.07 -1.21	26.94 1.23 0.00	26.46 1.21 0.00	24.45 1.01 -0.50	24.34 1.01 -0.44	24.58 1.04 -0.45	26.31 1.20 -0.09	27.23 1.10 -1.71	28.93 1.12 -2.92	30.07 1.13 -4.35	32.68 1.35 -2.64	28.48 1.20 -1.12	24.99 0.99 -1.47	22.48 0.93 0.00	20.82 0.80 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	17.87 0.38 0.00	16.07 0.39 0.00	14.24 0.31 0.00	13.80 0.34 0.00	14.62 0.37 0.00	17.53 0.43 0.00	23.00 0.47 0.00	24.59 0.24 -0.30	24.87 0.21 -0.79	24.74 0.24 -0.79	26.25 0.54 0.00	25.80 0.56 0.00	23.55 0.28 -0.33	23.45 0.27 -0.29	23.69 0.30 -0.29	25.60 0.53 -0.06	25.82 0.29 -1.11	27.09 0.30 -1.90	27.74 0.32 -2.83	30.78 0.37 -1.72	27.25 0.37 -0.73	23.73 0.25 -0.96	21.98 0.43 0.00	20.48 0.46 0.00
GOUDEY____7 23579	17.87 0.38 0.00	16.07 0.39 0.00	14.25 0.32 0.00	13.81 0.35 0.00	14.62 0.37 0.00	17.55 0.44 0.00	23.02 0.50 0.00	24.61 0.26 -0.30	24.90 0.24 -0.79	24.76 0.26 -0.79	26.27 0.57 0.00	25.83 0.58 0.00	23.57 0.30 -0.33	23.48 0.30 -0.29	23.71 0.32 -0.29	25.63 0.55 -0.06	25.85 0.32 -1.11	27.11 0.32 -1.90	27.77 0.34 -2.83	30.81 0.40 -1.72	27.28 0.39 -0.73	23.75 0.27 -0.96	22.00 0.45 0.00	20.50 0.48 0.00
GOUDEY____8 23580	17.87 0.38 0.00	16.07 0.39 0.00	14.24 0.31 0.00	13.80 0.34 0.00	14.62 0.37 0.00	17.53 0.43 0.00	23.00 0.47 0.00	24.59 0.24 -0.30	24.87 0.21 -0.79	24.74 0.24 -0.79	26.25 0.54 0.00	25.80 0.56 0.00	23.55 0.28 -0.33	23.45 0.27 -0.29	23.69 0.30 -0.29	25.60 0.53 -0.06	25.82 0.29 -1.11	27.09 0.30 -1.90	27.74 0.32 -2.83	30.78 0.37 -1.72	27.25 0.37 -0.73	23.73 0.25 -0.96	21.98 0.43 0.00	20.48 0.46 0.00

GOWANUS_GT1_1 24077	18.73 1.24 -0.01	16.73 1.04 -0.01	14.86 0.92 -0.01	14.30 0.83 -0.01	15.11 0.85 -0.01	18.14 1.03 -0.01	24.00 1.46 -0.01	26.85 1.83 -0.97	28.32 1.91 -2.54	30.30 1.97 -4.62	27.83 2.11 -0.01	27.45 2.15 -0.06	27.42 1.97 -2.51	27.45 1.97 -2.59	27.42 1.96 -2.36	28.40 2.15 -1.23	30.01 2.00 -3.59	32.96 1.94 -6.13	35.55 1.84 -9.11	36.38 2.15 -5.53	30.20 1.70 -2.35	27.30 1.69 -3.09	23.15 1.59 -0.01	21.31 1.28 -0.01
GOWANUS_GT1_2 24078	18.73 1.24 -0.01	16.73 1.04 -0.01	14.86 0.92 -0.01	14.30 0.83 -0.01	15.11 0.85 -0.01	18.14 1.03 -0.01	24.00 1.46 -0.01	26.85 1.83 -0.97	28.32 1.91 -2.54	30.30 1.97 -4.62	27.83 2.11 -0.01	27.45 2.15 -0.06	27.42 1.97 -2.51	27.45 1.97 -2.59	27.42 1.96 -2.36	28.40 2.15 -1.23	30.01 2.00 -3.59	32.96 1.94 -6.13	35.55 1.84 -9.11	36.38 2.15 -5.53	30.20 1.70 -2.35	27.30 1.69 -3.09	23.15 1.59 -0.01	21.31 1.28 -0.01
GOWANUS_GT1_3 24079	18.73 1.24 -0.01	16.73 1.04 -0.01	14.86 0.92 -0.01	14.30 0.83 -0.01	15.11 0.85 -0.01	18.14 1.03 -0.01	24.00 1.46 -0.01	26.85 1.83 -0.97	28.32 1.91 -2.54	30.30 1.97 -4.62	27.83 2.11 -0.01	27.45 2.15 -0.06	27.42 1.97 -2.51	27.45 1.97 -2.59	27.42 1.96 -2.36	28.40 2.15 -1.23	30.01 2.00 -3.59	32.96 1.94 -6.13	35.55 1.84 -9.11	36.38 2.15 -5.53	30.20 1.70 -2.35	27.30 1.69 -3.09	23.15 1.59 -0.01	21.31 1.28 -0.01
GOWANUS_GT1_4 24080	18.73 1.24 -0.01	16.73 1.04 -0.01	14.86 0.92 -0.01	14.30 0.83 -0.01	15.11 0.85 -0.01	18.14 1.03 -0.01	24.00 1.46 -0.01	26.85 1.83 -0.97	28.32 1.91 -2.54	30.30 1.97 -4.62	27.83 2.11 -0.01	27.45 2.15 -0.06	27.42 1.97 -2.51	27.45 1.97 -2.59	27.42 1.96 -2.36	28.40 2.15 -1.23	30.01 2.00 -3.59	32.96 1.94 -6.13	35.55 1.84 -9.11	36.38 2.15 -5.53	30.20 1.70 -2.35	27.30 1.69 -3.09	23.15 1.59 -0.01	21.31 1.28 -0.01
GOWANUS_GT1_5 24084	18.73 1.24 -0.01	16.73 1.04 -0.01	14.86 0.92 -0.01	14.30 0.83 -0.01	15.11 0.85 -0.01	18.14 1.03 -0.01	24.00 1.46 -0.01	26.85 1.83 -0.97	28.32 1.91 -2.54	30.30 1.97 -4.62	27.83 2.11 -0.01	27.45 2.15 -0.06	27.42 1.97 -2.51	27.45 1.97 -2.59	27.42 1.96 -2.36	28.40 2.15 -1.23	30.01 2.00 -3.59	32.96 1.94 -6.13	35.55 1.84 -9.11	36.38 2.15 -5.53	30.20 1.70 -2.35	27.30 1.69 -3.09	23.15 1.59 -0.01	21.31 1.28 -0.01
GOWANUS_GT1_6 24111	18.73 1.24 -0.01	16.73 1.04 -0.01	14.86 0.92 -0.01	14.30 0.83 -0.01	15.11 0.85 -0.01	18.14 1.03 -0.01	24.00 1.46 -0.01	26.85 1.83 -0.97	28.32 1.91 -2.54	30.30 1.97 -4.62	27.83 2.11 -0.01	27.45 2.15 -0.06	27.42 1.97 -2.51	27.45 1.97 -2.59	27.42 1.96 -2.36	28.40 2.15 -1.23	30.01 2.00 -3.59	32.96 1.94 -6.13	35.55 1.84 -9.11	36.38 2.15 -5.53	30.20 1.70 -2.35	27.30 1.69 -3.09	23.15 1.59 -0.01	21.31 1.28 -0.01
GOWANUS_GT1_7 24112	18.73 1.24 -0.01	16.73 1.04 -0.01	14.86 0.92 -0.01	14.30 0.83 -0.01	15.11 0.85 -0.01	18.14 1.03 -0.01	24.00 1.46 -0.01	26.85 1.83 -0.97	28.32 1.91 -2.54	30.30 1.97 -4.62	27.83 2.11 -0.01	27.45 2.15 -0.06	27.42 1.97 -2.51	27.45 1.97 -2.59	27.42 1.96 -2.36	28.40 2.15 -1.23	30.01 2.00 -3.59	32.96 1.94 -6.13	35.55 1.84 -9.11	36.38 2.15 -5.53	30.20 1.70 -2.35	27.30 1.69 -3.09	23.15 1.59 -0.01	21.31 1.28 -0.01
GOWANUS_GT1_8 24113	18.73 1.24 -0.01	16.73 1.04 -0.01	14.86 0.92 -0.01	14.30 0.83 -0.01	15.11 0.85 -0.01	18.14 1.03 -0.01	24.00 1.46 -0.01	26.85 1.83 -0.97	28.32 1.91 -2.54	30.30 1.97 -4.62	27.83 2.11 -0.01	27.45 2.15 -0.06	27.42 1.97 -2.51	27.45 1.97 -2.59	27.42 1.96 -2.36	28.40 2.15 -1.23	30.01 2.00 -3.59	32.96 1.94 -6.13	35.55 1.84 -9.11	36.38 2.15 -5.53	30.20 1.70 -2.35	27.30 1.69 -3.09	23.15 1.59 -0.01	21.31 1.28 -0.01
GOWANUS_GT2_1 24114	18.73 1.24 -0.01	16.72 1.03 -0.01	14.86 0.92 -0.01	14.30 0.83 -0.01	15.11 0.85 -0.01	18.14 1.03 -0.01	24.00 1.46 -0.01	26.85 1.83 -0.97	28.33 1.91 -2.54	30.30 1.97 -4.62	27.77 2.06 -0.01	27.45 2.14 -0.06	27.42 1.97 -2.51	27.45 1.97 -2.59	27.42 1.96 -2.36	28.40 2.15 -1.23	30.01 2.00 -3.59	32.93 1.92 -6.13	35.55 1.85 -9.11	36.38 2.15 -5.53	30.20 1.70 -2.35	27.31 1.69 -3.09	23.22 1.66 -0.01	21.31 1.28 -0.01
GOWANUS_GT2_2 24115	18.73 1.24 -0.01	16.72 1.03 -0.01	14.86 0.92 -0.01	14.30 0.83 -0.01	15.11 0.85 -0.01	18.14 1.03 -0.01	24.00 1.46 -0.01	26.85 1.83 -0.97	28.33 1.91 -2.54	30.30 1.97 -4.62	27.77 2.06 -0.01	27.45 2.14 -0.06	27.42 1.97 -2.51	27.45 1.97 -2.59	27.42 1.96 -2.36	28.40 2.15 -1.23	30.01 2.00 -3.59	32.93 1.92 -6.13	35.55 1.85 -9.11	36.38 2.15 -5.53	30.20 1.70 -2.35	27.31 1.69 -3.09	23.22 1.66 -0.01	21.31 1.28 -0.01
GOWANUS_GT2_3 24116	18.73 1.24 -0.01	16.72 1.03 -0.01	14.86 0.92 -0.01	14.30 0.83 -0.01	15.11 0.85 -0.01	18.14 1.03 -0.01	24.00 1.46 -0.01	26.85 1.83 -0.97	28.33 1.91 -2.54	30.30 1.97 -4.62	27.77 2.06 -0.01	27.45 2.14 -0.06	27.42 1.97 -2.51	27.45 1.97 -2.59	27.42 1.96 -2.36	28.40 2.15 -1.23	30.01 2.00 -3.59	32.93 1.92 -6.13	35.55 1.85 -9.11	36.38 2.15 -5.53	30.20 1.70 -2.35	27.31 1.69 -3.09	23.22 1.66 -0.01	21.31 1.28 -0.01
GOWANUS_GT2_4 24117	18.73 1.24 -0.01	16.72 1.03 -0.01	14.86 0.92 -0.01	14.30 0.83 -0.01	15.11 0.85 -0.01	18.14 1.03 -0.01	24.00 1.46 -0.01	26.85 1.83 -0.97	28.33 1.91 -2.54	30.30 1.97 -4.62	27.77 2.06 -0.01	27.45 2.14 -0.06	27.42 1.97 -2.51	27.45 1.97 -2.59	27.42 1.96 -2.36	28.40 2.15 -1.23	30.01 2.00 -3.59	32.93 1.92 -6.13	35.55 1.85 -9.11	36.38 2.15 -5.53	30.20 1.70 -2.35	27.31 1.69 -3.09	23.22 1.66 -0.01	21.31 1.28 -0.01
GOWANUS_GT2_5 24118	18.73 1.24 -0.01	16.72 1.03 -0.01	14.86 0.92 -0.01	14.30 0.83 -0.01	15.11 0.85 -0.01	18.14 1.03 -0.01	24.00 1.46 -0.01	26.85 1.83 -0.97	28.33 1.91 -2.54	30.30 1.97 -4.62	27.77 2.06 -0.01	27.45 2.14 -0.06	27.42 1.97 -2.51	27.45 1.97 -2.59	27.42 1.96 -2.36	28.40 2.15 -1.23	30.01 2.00 -3.59	32.93 1.92 -6.13	35.55 1.85 -9.11	36.38 2.15 -5.53	30.20 1.70 -2.35	27.31 1.69 -3.09	23.22 1.66 -0.01	21.31 1.28 -0.01
GOWANUS_GT2_6 24119	18.73 1.24 -0.01	16.72 1.03 -0.01	14.86 0.92 -0.01	14.30 0.83 -0.01	15.11 0.85 -0.01	18.14 1.03 -0.01	24.00 1.46 -0.01	26.85 1.83 -0.97	28.33 1.91 -2.54	30.30 1.97 -4.62	27.77 2.06 -0.01	27.45 2.14 -0.06	27.42 1.97 -2.51	27.45 1.97 -2.59	27.42 1.96 -2.36	28.40 2.15 -1.23	30.01 2.00 -3.59	32.93 1.92 -6.13	35.55 1.85 -9.11	36.38 2.15 -5.53	30.20 1.70 -2.35	27.31 1.69 -3.09	23.22 1.66 -0.01	21.31 1.28 -0.01
GOWANUS_GT2_7 24120	18.73 1.24 -0.01	16.72 1.03 -0.01	14.86 0.92 -0.01	14.30 0.83 -0.01	15.11 0.85 -0.01	18.14 1.03 -0.01	24.00 1.46 -0.01	26.85 1.83 -0.97	28.33 1.91 -2.54	30.30 1.97 -4.62	27.77 2.06 -0.01	27.45 2.14 -0.06	27.42 1.97 -2.51	27.45 1.97 -2.59	27.42 1.96 -2.36	28.40 2.15 -1.23	30.01 2.00 -3.59	32.93 1.92 -6.13	35.55 1.85 -9.11	36.38 2.15 -5.53	30.20 1.70 -2.35	27.31 1.69 -3.09	23.22 1.66 -0.01	21.31 1.28 -0.01

GOWANUS_GT2_8 24121	18.73 1.24 -0.01	16.72 1.03 -0.01	14.86 0.92 -0.01	14.30 0.83 -0.01	15.11 0.85 -0.01	18.14 1.03 -0.01	24.00 1.46 -0.01	26.85 1.83 -0.97	28.33 1.91 -2.54	30.30 1.97 -4.62	27.77 2.06 -0.01	27.45 2.14 -0.06	27.42 1.97 -2.51	27.45 1.97 -2.59	27.42 1.96 -2.36	28.40 2.15 -1.23	30.01 2.00 -3.59	32.93 1.92 -6.13	35.55 1.85 -9.11	36.38 2.15 -5.53	30.20 1.70 -2.35	27.31 1.69 -3.09	23.22 1.66 -0.01	21.31 1.28 -0.01
GOWANUS_GT3_1 24122	18.73 1.24 -0.01	16.72 1.03 -0.01	14.86 0.92 -0.01	14.30 0.83 -0.01	15.11 0.85 -0.01	18.14 1.03 -0.01	24.00 1.46 -0.01	26.85 1.83 -0.97	28.33 1.91 -2.54	30.30 1.97 -4.62	27.77 2.06 -0.01	27.45 2.14 -0.06	27.42 1.97 -2.51	27.45 1.97 -2.59	27.42 1.96 -2.36	28.40 2.15 -1.23	30.01 2.00 -3.59	32.93 1.92 -6.13	35.55 1.85 -9.11	36.38 2.15 -5.53	30.20 1.70 -2.35	27.31 1.69 -3.09	23.22 1.66 -0.01	21.31 1.28 -0.01
GOWANUS_GT3_2 24123	18.73 1.24 -0.01	16.72 1.03 -0.01	14.86 0.92 -0.01	14.30 0.83 -0.01	15.11 0.85 -0.01	18.14 1.03 -0.01	24.00 1.46 -0.01	26.85 1.83 -0.97	28.33 1.91 -2.54	30.30 1.97 -4.62	27.77 2.06 -0.01	27.45 2.14 -0.06	27.42 1.97 -2.51	27.45 1.97 -2.59	27.42 1.96 -2.36	28.40 2.15 -1.23	30.01 2.00 -3.59	32.93 1.92 -6.13	35.55 1.85 -9.11	36.38 2.15 -5.53	30.20 1.70 -2.35	27.31 1.69 -3.09	23.22 1.66 -0.01	21.31 1.28 -0.01
GOWANUS_GT3_3 24124	18.73 1.24 -0.01	16.72 1.03 -0.01	14.86 0.92 -0.01	14.30 0.83 -0.01	15.11 0.85 -0.01	18.14 1.03 -0.01	24.00 1.46 -0.01	26.85 1.83 -0.97	28.33 1.91 -2.54	30.30 1.97 -4.62	27.77 2.06 -0.01	27.45 2.14 -0.06	27.42 1.97 -2.51	27.45 1.97 -2.59	27.42 1.96 -2.36	28.40 2.15 -1.23	30.01 2.00 -3.59	32.93 1.92 -6.13	35.55 1.85 -9.11	36.38 2.15 -5.53	30.20 1.70 -2.35	27.31 1.69 -3.09	23.22 1.66 -0.01	21.31 1.28 -0.01
GOWANUS_GT3_4 24125	18.73 1.24 -0.01	16.72 1.03 -0.01	14.86 0.92 -0.01	14.30 0.83 -0.01	15.11 0.85 -0.01	18.14 1.03 -0.01	24.00 1.46 -0.01	26.85 1.83 -0.97	28.33 1.91 -2.54	30.30 1.97 -4.62	27.77 2.06 -0.01	27.45 2.14 -0.06	27.42 1.97 -2.51	27.45 1.97 -2.59	27.42 1.96 -2.36	28.40 2.15 -1.23	30.01 2.00 -3.59	32.93 1.92 -6.13	35.55 1.85 -9.11	36.38 2.15 -5.53	30.20 1.70 -2.35	27.31 1.69 -3.09	23.22 1.66 -0.01	21.31 1.28 -0.01
GOWANUS_GT3_5 24126	18.73 1.24 -0.01	16.72 1.03 -0.01	14.86 0.92 -0.01	14.30 0.83 -0.01	15.11 0.85 -0.01	18.14 1.03 -0.01	24.00 1.46 -0.01	26.85 1.83 -0.97	28.33 1.91 -2.54	30.30 1.97 -4.62	27.77 2.06 -0.01	27.45 2.14 -0.06	27.42 1.97 -2.51	27.45 1.97 -2.59	27.42 1.96 -2.36	28.40 2.15 -1.23	30.01 2.00 -3.59	32.93 1.92 -6.13	35.55 1.85 -9.11	36.38 2.15 -5.53	30.20 1.70 -2.35	27.31 1.69 -3.09	23.22 1.66 -0.01	21.31 1.28 -0.01
GOWANUS_GT3_6 24127	18.73 1.24 -0.01	16.72 1.03 -0.01	14.86 0.92 -0.01	14.30 0.83 -0.01	15.11 0.85 -0.01	18.14 1.03 -0.01	24.00 1.46 -0.01	26.85 1.83 -0.97	28.33 1.91 -2.54	30.30 1.97 -4.62	27.77 2.06 -0.01	27.45 2.14 -0.06	27.42 1.97 -2.51	27.45 1.97 -2.59	27.42 1.96 -2.36	28.40 2.15 -1.23	30.01 2.00 -3.59	32.93 1.92 -6.13	35.55 1.85 -9.11	36.38 2.15 -5.53	30.20 1.70 -2.35	27.31 1.69 -3.09	23.22 1.66 -0.01	21.31 1.28 -0.01
GOWANUS_GT3_7 24128	18.73 1.24 -0.01	16.72 1.03 -0.01	14.86 0.92 -0.01	14.30 0.83 -0.01	15.11 0.85 -0.01	18.14 1.03 -0.01	24.00 1.46 -0.01	26.85 1.83 -0.97	28.33 1.91 -2.54	30.30 1.97 -4.62	27.77 2.06 -0.01	27.45 2.14 -0.06	27.42 1.97 -2.51	27.45 1.97 -2.59	27.42 1.96 -2.36	28.40 2.15 -1.23	30.01 2.00 -3.59	32.93 1.92 -6.13	35.55 1.85 -9.11	36.38 2.15 -5.53	30.20 1.70 -2.35	27.31 1.69 -3.09	23.22 1.66 -0.01	21.31 1.28 -0.01
GOWANUS_GT3_8 24129	18.73 1.24 -0.01	16.72 1.03 -0.01	14.86 0.92 -0.01	14.30 0.83 -0.01	15.11 0.85 -0.01	18.14 1.03 -0.01	24.00 1.46 -0.01	26.85 1.83 -0.97	28.33 1.91 -2.54	30.30 1.97 -4.62	27.77 2.06 -0.01	27.45 2.14 -0.06	27.42 1.97 -2.51	27.45 1.97 -2.59	27.42 1.96 -2.36	28.40 2.15 -1.23	30.01 2.00 -3.59	32.93 1.92 -6.13	35.55 1.85 -9.11	36.38 2.15 -5.53	30.20 1.70 -2.35	27.31 1.69 -3.09	23.22 1.66 -0.01	21.31 1.28 -0.01
GOWANUS_GT4_1 24130	18.73 1.24 -0.01	16.73 1.04 -0.01	14.86 0.92 -0.01	14.30 0.83 -0.01	15.11 0.85 -0.01	18.14 1.03 -0.01	24.00 1.46 -0.01	26.85 1.83 -0.97	28.32 1.91 -2.54	30.30 1.97 -4.62	27.83 2.11 -0.01	27.45 2.15 -0.06	27.42 1.97 -2.51	27.45 1.97 -2.59	27.42 1.96 -2.36	28.40 2.15 -1.23	30.01 2.00 -3.59	32.96 1.94 -6.13	35.55 1.84 -9.11	36.38 2.15 -5.53	30.20 1.70 -2.35	27.30 1.69 -3.09	23.15 1.59 -0.01	21.31 1.28 -0.01
GOWANUS_GT4_2 24131	18.73 1.24 -0.01	16.73 1.04 -0.01	14.86 0.92 -0.01	14.30 0.83 -0.01	15.11 0.85 -0.01	18.14 1.03 -0.01	24.00 1.46 -0.01	26.85 1.83 -0.97	28.32 1.91 -2.54	30.30 1.97 -4.62	27.83 2.11 -0.01	27.45 2.15 -0.06	27.42 1.97 -2.51	27.45 1.97 -2.59	27.42 1.96 -2.36	28.40 2.15 -1.23	30.01 2.00 -3.59	32.96 1.94 -6.13	35.55 1.84 -9.11	36.38 2.15 -5.53	30.20 1.70 -2.35	27.30 1.69 -3.09	23.15 1.59 -0.01	21.31 1.28 -0.01
GOWANUS_GT4_3 24132	18.73 1.24 -0.01	16.73 1.04 -0.01	14.86 0.92 -0.01	14.30 0.83 -0.01	15.11 0.85 -0.01	18.14 1.03 -0.01	24.00 1.46 -0.01	26.85 1.83 -0.97	28.32 1.91 -2.54	30.30 1.97 -4.62	27.83 2.11 -0.01	27.45 2.15 -0.06	27.42 1.97 -2.51	27.45 1.97 -2.59	27.42 1.96 -2.36	28.40 2.15 -1.23	30.01 2.00 -3.59	32.96 1.94 -6.13	35.55 1.84 -9.11	36.38 2.15 -5.53	30.20 1.70 -2.35	27.30 1.69 -3.09	23.15 1.59 -0.01	21.31 1.28 -0.01
GOWANUS_GT4_4 24133	18.73 1.24 -0.01	16.73 1.04 -0.01	14.86 0.92 -0.01	14.30 0.83 -0.01	15.11 0.85 -0.01	18.14 1.03 -0.01	24.00 1.46 -0.01	26.85 1.83 -0.97	28.32 1.91 -2.54	30.30 1.97 -4.62	27.83 2.11 -0.01	27.45 2.15 -0.06	27.42 1.97 -2.51	27.45 1.97 -2.59	27.42 1.96 -2.36	28.40 2.15 -1.23	30.01 2.00 -3.59	32.96 1.94 -6.13	35.55 1.84 -9.11	36.38 2.15 -5.53	30.20 1.70 -2.35	27.30 1.69 -3.09	23.15 1.59 -0.01	21.31 1.28 -0.01
GOWANUS_GT4_5 24134	18.73 1.24 -0.01	16.73 1.04 -0.01	14.86 0.92 -0.01	14.30 0.83 -0.01	15.11 0.85 -0.01	18.14 1.03 -0.01	24.00 1.46 -0.01	26.85 1.83 -0.97	28.32 1.91 -2.54	30.30 1.97 -4.62	27.83 2.11 -0.01	27.45 2.15 -0.06	27.42 1.97 -2.51	27.45 1.97 -2.59	27.42 1.96 -2.36	28.40 2.15 -1.23	30.01 2.00 -3.59	32.96 1.94 -6.13	35.55 1.84 -9.11	36.38 2.15 -5.53	30.20 1.70 -2.35	27.30 1.69 -3.09	23.15 1.59 -0.01	21.31 1.28 -0.01
GOWANUS_GT4_6 24135	18.73 1.24 -0.01	16.73 1.04 -0.01	14.86 0.92 -0.01	14.30 0.83 -0.01	15.11 0.85 -0.01	18.14 1.03 -0.01	24.00 1.46 -0.01	26.85 1.83 -0.97	28.32 1.91 -2.54	30.30 1.97 -4.62	27.83 2.11 -0.01	27.45 2.15 -0.06	27.42 1.97 -2.51	27.45 1.97 -2.59	27.42 1.96 -2.36	28.40 2.15 -1.23	30.01 2.00 -3.59	32.96 1.94 -6.13	35.55 1.84 -9.11	36.38 2.15 -5.53	30.20 1.70 -2.35	27.30 1.69 -3.09	23.15 1.59 -0.01	21.31 1.28 -0.01

GOWANUS_GT4_7 24136	18.73 1.24 -0.01	16.73 1.04 -0.01	14.86 0.92 -0.01	14.30 0.83 -0.01	15.11 0.85 -0.01	18.14 1.03 -0.01	24.00 1.46 -0.01	26.85 1.83 -0.97	28.32 1.91 -2.54	30.30 1.97 -4.62	27.83 2.11 -0.01	27.45 2.15 -0.06	27.42 1.97 -2.51	27.45 1.97 -2.59	27.42 1.96 -2.36	28.40 2.15 -1.23	30.01 2.00 -3.59	32.96 1.94 -6.13	35.55 1.84 -9.11	36.38 2.15 -5.53	30.20 1.70 -2.35	27.30 1.69 -3.09	23.15 1.59 -0.01	21.31 1.28 -0.01
GOWANUS_GT4_8 24137	18.73 1.24 -0.01	16.73 1.04 -0.01	14.86 0.92 -0.01	14.30 0.83 -0.01	15.11 0.85 -0.01	18.14 1.03 -0.01	24.00 1.46 -0.01	26.85 1.83 -0.97	28.32 1.91 -2.54	30.30 1.97 -4.62	27.83 2.11 -0.01	27.45 2.15 -0.06	27.42 1.97 -2.51	27.45 1.97 -2.59	27.42 1.96 -2.36	28.40 2.15 -1.23	30.01 2.00 -3.59	32.96 1.94 -6.13	35.55 1.84 -9.11	36.38 2.15 -5.53	30.20 1.70 -2.35	27.30 1.69 -3.09	23.15 1.59 -0.01	21.31 1.28 -0.01
GREENBSH_115KV_TB3 55895	17.87 0.38 0.00	16.00 0.31 0.00	14.26 0.33 0.00	13.77 0.31 0.00	14.57 0.33 0.00	17.48 0.38 0.00	23.02 0.50 0.00	25.85 0.60 -1.20	27.61 0.57 -3.17	27.45 0.57 -3.17	26.35 0.64 0.00	25.91 0.66 0.00	24.81 0.55 -1.31	24.62 0.57 -1.16	24.84 0.58 -1.17	25.90 0.65 -0.23	29.50 0.61 -4.47	33.18 0.65 -7.65	36.61 0.64 -11.38	36.35 0.75 -6.91	29.77 0.68 -2.93	26.94 0.56 -3.85	22.00 0.45 0.00	20.30 0.28 0.00
GREENDGE_115KV_TB5 80291	17.85 0.37 0.00	16.09 0.41 0.00	14.24 0.31 0.00	13.82 0.36 0.00	14.67 0.43 0.00	17.63 0.53 0.00	23.16 0.63 0.00	24.62 0.38 -0.18	24.69 0.33 -0.48	24.55 0.36 -0.48	26.33 0.62 0.00	25.88 0.63 0.00	23.49 0.34 -0.20	23.43 0.37 -0.18	23.67 0.39 -0.18	25.65 0.60 -0.03	25.54 0.44 -0.68	26.52 0.47 -1.16	26.79 0.47 -1.73	30.17 0.43 -1.05	27.18 0.58 -0.45	23.47 0.36 -0.59	22.03 0.47 0.00	20.56 0.54 0.00
GREENIDGE___3 23582	17.85 0.37 0.00	16.09 0.41 0.00	14.24 0.31 0.00	13.82 0.36 0.00	14.67 0.43 0.00	17.63 0.53 0.00	23.16 0.63 0.00	24.62 0.38 -0.18	24.69 0.33 -0.48	24.55 0.36 -0.48	26.33 0.62 0.00	25.88 0.63 0.00	23.49 0.34 -0.20	23.43 0.37 -0.18	23.67 0.39 -0.18	25.65 0.60 -0.03	25.54 0.44 -0.68	26.52 0.47 -1.16	26.79 0.47 -1.73	30.17 0.43 -1.05	27.18 0.58 -0.45	23.47 0.36 -0.59	22.03 0.47 0.00	20.56 0.54 0.00
GREENIDGE___4 23583	17.85 0.37 0.00	16.09 0.41 0.00	14.23 0.31 0.00	13.82 0.36 0.00	14.67 0.43 0.00	17.63 0.53 0.00	23.16 0.63 0.00	24.62 0.38 -0.18	24.69 0.33 -0.48	24.55 0.36 -0.48	26.40 0.69 0.00	25.88 0.63 0.00	23.49 0.34 -0.20	23.43 0.37 -0.18	23.67 0.39 -0.18	25.68 0.63 -0.03	25.54 0.44 -0.68	26.52 0.47 -1.16	26.79 0.47 -1.73	30.17 0.43 -1.05	27.18 0.57 -0.45	23.45 0.34 -0.59	22.05 0.50 0.00	20.56 0.54 0.00
GREENLWN_69_KV_BK 3 55738	19.04 1.56 0.00	17.00 1.32 0.00	15.06 1.13 0.00	14.47 1.01 0.00	15.30 1.05 0.00	18.54 1.44 0.00	24.31 1.78 0.00	27.25 2.24 -0.96	28.79 2.39 -2.53	28.64 2.39 -2.53	28.22 2.49 -0.02	28.56 2.47 -0.83	27.13 2.27 -1.92	27.38 2.24 -2.25	27.85 2.29 -2.47	28.98 2.48 -1.49	30.19 2.17 -3.59	33.26 2.26 -6.11	35.25 2.31 -8.35	36.09 2.75 -4.65	30.77 2.28 -2.33	27.87 2.05 -3.29	23.60 2.05 0.00	21.72 1.70 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	18.73 1.24 -0.01	16.73 1.04 -0.01	14.86 0.92 -0.01	14.30 0.83 -0.01	15.11 0.85 -0.01	18.14 1.03 -0.01	24.00 1.46 -0.01	26.85 1.83 -0.97	28.32 1.91 -2.54	30.30 1.97 -4.62	27.83 2.11 -0.01	27.45 2.15 -0.06	27.42 1.97 -2.51	27.45 1.97 -2.59	27.42 1.96 -2.36	28.40 2.15 -1.23	30.01 2.00 -3.59	32.96 1.94 -6.13	35.55 1.84 -9.11	36.38 2.15 -5.53	30.20 1.70 -2.35	27.30 1.69 -3.09	23.15 1.59 -0.01	21.31 1.28 -0.01
GRISSOM___SOLAR 323813	19.43 1.94 0.00	17.39 1.71 0.00	15.42 1.49 0.00	14.86 1.40 0.00	15.94 1.69 0.00	19.29 2.19 0.00	25.75 3.22 0.00	28.47 3.17 -1.24	30.18 3.03 -3.28	29.91 2.92 -3.28	29.00 3.29 0.00	28.35 3.10 0.00	26.90 2.59 -1.36	26.75 2.65 -1.20	26.92 2.61 -1.21	28.23 2.98 -0.24	31.90 2.86 -4.63	35.97 3.16 -7.92	39.47 3.10 -11.78	39.58 3.73 -7.16	32.70 3.51 -3.04	29.39 2.88 -3.99	24.29 2.74 0.00	22.22 2.20 0.00
GROVEVILLE___HYD 323602	18.53 1.05 0.00	16.58 0.89 0.00	14.72 0.79 0.00	14.19 0.73 0.00	14.99 0.74 0.00	17.96 0.86 0.00	23.74 1.22 0.00	26.53 1.52 -0.96	27.96 1.55 -2.53	27.84 1.59 -2.54	27.43 1.72 0.00	26.94 1.69 0.00	25.53 1.54 -1.05	25.31 1.49 -0.93	25.58 1.55 -0.94	26.93 1.73 -0.18	29.59 1.59 -3.58	32.65 1.64 -6.12	35.30 1.60 -9.11	36.12 1.89 -5.53	30.13 1.62 -2.35	27.00 1.40 -3.08	22.84 1.29 0.00	21.06 1.04 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	17.62 0.14 0.00	15.84 0.16 0.00	14.04 0.11 0.00	13.58 0.12 0.00	14.40 0.16 0.00	17.29 0.19 0.00	22.77 0.25 0.00	24.31 0.17 -0.10	24.24 0.12 -0.25	24.08 0.12 -0.25	25.89 0.18 0.00	25.43 0.18 0.00	23.19 0.14 -0.10	23.14 0.16 -0.09	23.33 0.14 -0.09	25.19 0.15 -0.02	24.90 0.12 -0.36	25.62 0.12 -0.61	25.65 0.15 -0.91	29.47 0.23 -0.55	26.60 0.21 -0.23	23.03 0.20 -0.31	21.77 0.22 0.00	20.24 0.22 0.00
HAMLTNNY_34_KV_TB 80303	17.59 0.10 0.00	15.81 0.13 0.00	14.01 0.08 0.00	13.57 0.11 0.00	14.37 0.13 0.00	17.26 0.15 0.00	22.73 0.20 0.00	24.27 0.12 -0.10	24.21 0.07 -0.27	24.05 0.07 -0.27	25.84 0.13 0.00	25.38 0.13 0.00	23.15 0.09 -0.11	23.10 0.11 -0.10	23.31 0.12 -0.10	25.19 0.15 -0.02	24.93 0.12 -0.38	25.67 0.12 -0.65	25.72 0.15 -0.97	29.49 0.20 -0.59	26.59 0.18 -0.25	22.99 0.14 -0.33	21.70 0.15 0.00	20.18 0.16 0.00
HAMPSHIRE___PAPER_HYD 323593	17.31 -0.17 0.00	15.56 -0.13 0.00	13.82 -0.11 0.00	13.35 -0.11 0.00	14.16 -0.08 0.00	17.05 -0.05 0.00	22.48 -0.04 0.00	24.17 0.10 -0.02	24.08 0.14 -0.06	23.85 0.07 -0.06	25.76 0.05 0.00	25.20 -0.05 0.00	22.88 -0.09 -0.03	22.78 -0.14 -0.02	22.93 -0.19 -0.02	24.85 -0.17 0.00	24.37 -0.15 -0.09	24.92 -0.12 -0.15	24.75 -0.07 -0.23	28.78 -0.06 -0.14	26.14 -0.08 -0.06	22.67 0.07 -0.08	21.59 0.04 0.00	20.06 0.04 0.00
HARDSCRABBLE_WT_PWR 323673	17.42 -0.07 0.00	15.64 -0.05 0.00	13.89 -0.04 0.00	13.42 -0.04 0.00	14.20 -0.04 0.00	17.10 0.00 0.00	22.50 -0.02 0.00	24.07 0.02 0.00	23.90 0.02 0.00	23.76 0.05 0.00	25.79 0.08 0.00	25.30 0.05 0.00	22.97 0.02 0.00	22.91 0.02 0.00	23.10 0.00 0.00	25.02 0.00 0.00	24.42 0.00 0.00	24.86 -0.02 0.00	24.50 -0.10 0.00	28.49 -0.20 0.00	25.84 -0.31 0.00	22.19 -0.34 0.00	21.16 -0.39 0.00	19.64 -0.38 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	18.45 0.96 0.00	16.50 0.82 0.00	14.65 0.72 0.00	14.12 0.66 0.00	14.91 0.67 0.00	17.91 0.80 0.00	23.63 1.10 0.00	26.23 1.32 -0.86	27.53 1.38 -2.27	27.41 1.42 -2.27	27.23 1.52 0.00	26.76 1.51 0.00	25.28 1.40 -0.94	25.10 1.37 -0.83	25.34 1.41 -0.84	26.76 1.58 -0.16	29.04 1.42 -3.21	31.81 1.44 -5.48	34.18 1.43 -8.16	35.31 1.66 -4.96	29.70 1.44 -2.10	26.52 1.24 -2.76	22.69 1.14 0.00	20.94 0.92 0.00

HARSNRAD_115KV_TB1 81005	17.57 0.09 0.00	15.93 0.25 0.00	14.12 0.20 0.00	13.77 0.31 0.00	14.60 0.36 0.00	17.39 0.29 0.00	22.48 -0.05 0.00	23.44 -0.75 -0.14	23.52 -0.72 -0.36	23.46 -0.62 -0.36	25.32 -0.39 0.00	25.00 -0.25 0.00	22.61 -0.48 -0.15	22.56 -0.46 -0.13	22.86 -0.37 -0.13	24.87 -0.18 -0.03	24.42 -0.51 -0.51	25.22 -0.55 -0.88	25.26 -0.64 -1.30	28.62 -0.86 -0.79	25.89 -0.60 -0.34	22.29 -0.68 -0.44	21.16 -0.39 0.00	20.18 0.16 0.00
HARZA MOOSE__RIVER 24016	17.71 0.23 0.00	15.89 0.20 0.00	14.11 0.18 0.00	13.64 0.17 0.00	14.44 0.20 0.00	17.39 0.29 0.00	22.93 0.41 0.00	24.59 0.51 -0.03	24.48 0.53 -0.08	24.25 0.45 -0.08	26.22 0.51 0.00	25.68 0.43 0.00	23.30 0.32 -0.04	23.22 0.30 -0.03	23.43 0.30 -0.03	25.43 0.40 -0.01	24.93 0.39 -0.12	25.54 0.45 -0.20	25.39 0.49 -0.30	29.51 0.63 -0.18	26.76 0.52 -0.08	23.08 0.45 -0.10	21.94 0.39 0.00	20.36 0.34 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	17.45 -0.03 0.00	15.68 0.00 0.00	13.90 -0.03 0.00	13.46 0.00 0.00	14.26 0.01 0.00	17.12 0.02 0.00	22.50 -0.02 0.00	24.02 -0.12 -0.09	23.94 -0.17 -0.23	23.78 -0.17 -0.23	25.55 -0.15 0.00	25.10 -0.15 0.00	22.92 -0.11 -0.10	22.88 -0.09 -0.08	23.07 -0.12 -0.09	24.89 -0.15 -0.02	24.60 -0.15 -0.33	25.30 -0.15 -0.56	25.30 -0.12 -0.83	29.05 -0.14 -0.50	26.27 -0.10 -0.21	22.74 -0.07 -0.28	21.51 -0.04 0.00	20.02 0.00 0.00
HELLGATE_13_KV_LD 55870	18.73 1.24 -0.01	16.74 1.05 -0.01	14.86 0.92 -0.01	14.32 0.85 -0.01	15.12 0.87 -0.01	18.17 1.06 -0.01	24.00 1.46 -0.01	26.85 1.83 -0.97	28.30 1.89 -2.54	30.25 1.92 -4.62	27.80 2.08 -0.01	27.43 2.12 -0.06	27.40 1.95 -2.51	27.40 1.92 -2.59	27.40 1.94 -2.36	28.37 2.13 -1.23	29.94 1.93 -3.59	32.91 1.89 -6.13	35.52 1.82 -9.11	36.32 2.09 -5.53	30.23 1.73 -2.35	27.28 1.67 -3.09	23.15 1.59 -0.01	21.31 1.28 -0.01
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	18.73 1.24 -0.01	16.74 1.05 -0.01	14.86 0.92 -0.01	14.32 0.85 -0.01	15.12 0.87 -0.01	18.17 1.06 -0.01	24.00 1.46 -0.01	26.85 1.83 -0.97	28.30 1.89 -2.54	30.25 1.92 -4.62	27.80 2.08 -0.01	27.43 2.12 -0.06	27.40 1.95 -2.51	27.40 1.92 -2.59	27.40 1.94 -2.36	28.37 2.13 -1.23	29.94 1.93 -3.59	32.91 1.89 -6.13	35.52 1.82 -9.11	36.32 2.09 -5.53	30.23 1.73 -2.35	27.28 1.67 -3.09	23.15 1.59 -0.01	21.31 1.28 -0.01
HEMPSTEAD____ 23647	18.87 1.38 0.00	16.84 1.16 0.00	14.93 1.00 0.00	14.36 0.90 0.00	15.18 0.94 0.00	18.36 1.25 -0.01	24.10 1.58 0.00	26.99 1.97 -0.96	28.49 2.08 -2.54	28.37 2.11 -2.55	27.91 2.18 -0.02	28.31 2.22 -0.83	26.90 2.04 -1.92	27.15 2.01 -2.25	27.60 2.03 -2.47	28.76 2.25 -1.49	30.09 2.07 -3.60	33.10 2.09 -6.13	35.76 2.04 -9.12	36.62 2.38 -5.54	30.58 2.07 -2.36	27.62 1.80 -3.29	23.41 1.85 -0.01	21.51 1.48 -0.01
HEWLETT__69_KV_BK3 55828	19.08 1.59 0.00	17.03 1.35 0.00	15.08 1.16 0.00	14.50 1.04 0.00	15.33 1.08 0.00	18.54 1.44 0.00	24.33 1.80 0.00	27.23 2.21 -0.96	28.75 2.34 -2.54	28.62 2.37 -2.54	28.22 2.49 -0.02	28.58 2.50 -0.83	27.13 2.27 -1.92	27.38 2.24 -2.25	27.83 2.26 -2.47	29.01 2.50 -1.49	30.36 2.34 -3.60	33.45 2.44 -6.13	36.09 2.39 -9.12	37.01 2.78 -5.54	30.94 2.43 -2.35	27.87 2.05 -3.29	23.60 2.05 0.00	21.76 1.74 0.00
HICKLING__1 23621	18.01 0.52 0.00	16.26 0.58 0.00	14.39 0.46 0.00	13.97 0.51 0.00	14.81 0.57 0.00	17.77 0.67 0.00	23.23 0.70 0.00	24.53 0.24 -0.23	24.70 0.21 -0.62	24.59 0.26 -0.62	26.51 0.80 0.00	26.06 0.81 0.00	23.50 0.30 -0.26	23.44 0.32 -0.23	23.67 0.35 -0.23	25.79 0.73 -0.04	25.61 0.32 -0.87	26.70 0.32 -1.49	27.16 0.34 -2.22	30.42 0.37 -1.35	27.17 0.44 -0.57	23.52 0.25 -0.75	22.16 0.60 0.00	20.72 0.70 0.00
HICKLING__2 23622	18.01 0.52 0.00	16.26 0.58 0.00	14.39 0.46 0.00	13.97 0.51 0.00	14.81 0.57 0.00	17.77 0.67 0.00	23.23 0.70 0.00	24.53 0.24 -0.23	24.70 0.21 -0.62	24.59 0.26 -0.62	26.51 0.80 0.00	26.06 0.81 0.00	23.50 0.30 -0.26	23.44 0.32 -0.23	23.67 0.35 -0.23	25.79 0.73 -0.04	25.61 0.32 -0.87	26.70 0.32 -1.49	27.16 0.34 -2.22	30.42 0.37 -1.35	27.17 0.44 -0.57	23.52 0.25 -0.75	22.16 0.60 0.00	20.72 0.70 0.00
HIGH FALLS__HY 23754	18.46 0.98 0.00	16.53 0.85 0.00	14.65 0.72 0.00	14.12 0.66 0.00	14.90 0.66 0.00	17.86 0.75 0.00	23.61 1.08 0.00	26.28 1.30 -0.93	27.70 1.38 -2.44	27.58 1.42 -2.45	27.20 1.49 0.00	26.69 1.44 0.00	25.31 1.35 -1.01	25.07 1.28 -0.90	25.36 1.36 -0.90	26.75 1.55 -0.18	29.26 1.39 -3.45	32.21 1.42 -5.90	34.78 1.40 -8.78	35.69 1.66 -5.34	29.83 1.41 -2.26	26.69 1.19 -2.97	22.67 1.12 0.00	20.98 0.96 0.00
HILLBURN__GT 23639	18.46 0.98 0.00	16.53 0.85 0.00	14.67 0.74 0.00	14.15 0.69 0.00	14.94 0.70 0.00	17.94 0.84 0.00	23.68 1.15 0.00	26.35 1.42 -0.88	27.67 1.48 -2.32	27.55 1.52 -2.32	27.30 1.59 0.00	26.89 1.64 0.00	25.42 1.51 -0.96	25.23 1.49 -0.85	25.45 1.50 -0.86	26.86 1.68 -0.17	29.24 1.54 -3.28	32.04 1.54 -5.61	34.44 1.50 -8.34	35.51 1.75 -5.07	29.82 1.52 -2.15	26.65 1.31 -2.82	22.82 1.27 0.00	21.00 0.98 0.00
HILLSIDE_115KV_TB1 80332	17.82 0.33 0.00	16.07 0.39 0.00	14.22 0.29 0.00	13.81 0.35 0.00	14.64 0.40 0.00	17.55 0.44 0.00	22.93 0.41 0.00	24.22 -0.07 -0.24	24.44 -0.07 -0.64	24.30 -0.05 -0.64	26.17 0.46 0.00	25.75 0.50 0.00	23.23 0.02 -0.27	23.17 0.05 -0.23	23.40 0.07 -0.24	25.47 0.40 -0.05	25.32 0.00 -0.90	26.43 0.00 -1.55	26.92 0.02 -2.30	30.09 0.00 -1.40	26.83 0.08 -0.59	23.26 -0.05 -0.78	21.87 0.32 0.00	20.46 0.44 0.00
HISHELDN_WT_PWR 323625	17.80 0.32 0.00	16.11 0.42 0.00	14.25 0.32 0.00	13.89 0.43 0.00	14.73 0.48 0.00	17.60 0.50 0.00	22.84 0.32 0.00	23.71 -0.51 -0.16	23.83 -0.48 -0.43	23.79 -0.36 -0.43	26.04 0.33 0.00	25.53 0.28 0.00	22.87 -0.25 -0.18	22.82 -0.23 -0.16	23.07 -0.19 -0.16	25.27 0.22 -0.03	24.71 -0.32 -0.61	25.63 -0.30 -1.04	25.75 -0.39 -1.55	29.09 -0.55 -0.94	26.22 -0.34 -0.40	22.60 -0.45 -0.53	21.59 0.04 0.00	20.44 0.42 0.00
HOLTSVILLE_IC_1 23690	19.22 1.73 0.00	17.17 1.49 0.00	15.21 1.28 0.00	14.62 1.16 0.00	15.46 1.21 0.00	18.74 1.63 -0.01	24.56 2.03 0.00	27.56 2.55 -0.96	29.15 2.72 -2.55	28.97 2.70 -2.56	28.45 2.72 -0.02	28.86 2.78 -0.83	27.38 2.52 -1.92	27.63 2.50 -2.25	28.10 2.54 -2.47	29.34 2.83 -1.50	30.66 2.64 -3.61	33.81 2.74 -6.18	39.69 2.61 -12.49	41.23 3.07 -9.46	31.29 2.72 -2.41	28.14 2.32 -3.29	23.91 2.35 -0.01	21.97 1.94 -0.01
HOLTSVILLE_IC_10 23699	19.34 1.85 0.00	17.28 1.60 0.00	15.29 1.37 0.00	14.70 1.24 0.00	15.54 1.30 0.00	18.86 1.75 -0.01	24.69 2.16 0.00	27.73 2.72 -0.96	29.31 2.89 -2.56	29.16 2.89 -2.56	28.65 2.93 -0.02	29.04 2.95 -0.83	27.57 2.71 -1.92	27.81 2.68 -2.25	28.26 2.70 -2.47	29.55 3.03 -1.50	30.86 2.83 -3.61	34.01 2.94 -6.19	40.17 2.83 -12.75	41.76 3.30 -9.77	31.50 2.93 -2.42	28.30 2.48 -3.29	24.06 2.50 -0.01	22.11 2.08 -0.01

HOLTSVILLE_IC_2 23691	19.22 1.73 0.00	17.17 1.49 0.00	15.21 1.28 0.00	14.62 1.16 0.00	15.46 1.21 0.00	18.74 1.63 -0.01	24.56 2.03 0.00	27.56 2.55 -0.96	29.15 2.72 -2.55	28.97 2.70 -2.56	28.45 2.72 -0.02	28.86 2.78 -0.83	27.38 2.52 -1.92	27.63 2.50 -2.25	28.10 2.54 -2.47	29.34 2.83 -1.50	30.66 2.64 -3.61	33.81 2.74 -6.18	39.69 2.61 -12.49	41.23 3.07 -9.46	31.29 2.72 -2.41	28.14 2.32 -3.29	23.91 2.35 -0.01	21.97 1.94 -0.01
HOLTSVILLE_IC_3 23692	19.22 1.73 0.00	17.17 1.49 0.00	15.21 1.28 0.00	14.62 1.16 0.00	15.46 1.21 0.00	18.74 1.63 -0.01	24.56 2.03 0.00	27.56 2.55 -0.96	29.15 2.72 -2.55	28.97 2.70 -2.56	28.45 2.72 -0.02	28.86 2.78 -0.83	27.38 2.52 -1.92	27.63 2.50 -2.25	28.10 2.54 -2.47	29.34 2.83 -1.50	30.66 2.64 -3.61	33.81 2.74 -6.18	39.69 2.61 -12.49	41.23 3.07 -9.46	31.29 2.72 -2.41	28.14 2.32 -3.29	23.91 2.35 -0.01	21.97 1.94 -0.01
HOLTSVILLE_IC_4 23693	19.22 1.73 0.00	17.17 1.49 0.00	15.21 1.28 0.00	14.62 1.16 0.00	15.46 1.21 0.00	18.74 1.63 -0.01	24.56 2.03 0.00	27.56 2.55 -0.96	29.15 2.72 -2.55	28.97 2.70 -2.56	28.45 2.72 -0.02	28.86 2.78 -0.83	27.38 2.52 -1.92	27.63 2.50 -2.25	28.10 2.54 -2.47	29.34 2.83 -1.50	30.66 2.64 -3.61	33.81 2.74 -6.18	39.69 2.61 -12.49	41.23 3.07 -9.46	31.29 2.72 -2.41	28.14 2.32 -3.29	23.91 2.35 -0.01	21.97 1.94 -0.01
HOLTSVILLE_IC_5 23694	19.22 1.73 0.00	17.17 1.49 0.00	15.21 1.28 0.00	14.62 1.16 0.00	15.46 1.21 0.00	18.74 1.63 -0.01	24.56 2.03 0.00	27.56 2.55 -0.96	29.15 2.72 -2.55	28.97 2.70 -2.56	28.45 2.72 -0.02	28.86 2.78 -0.83	27.38 2.52 -1.92	27.63 2.50 -2.25	28.10 2.54 -2.47	29.34 2.83 -1.50	30.66 2.64 -3.61	33.81 2.74 -6.18	39.69 2.61 -12.49	41.23 3.07 -9.46	31.29 2.72 -2.41	28.14 2.32 -3.29	23.91 2.35 -0.01	21.97 1.94 -0.01
HOLTSVILLE_IC_6 23695	19.34 1.85 0.00	17.28 1.60 0.00	15.29 1.37 0.00	14.70 1.24 0.00	15.54 1.30 0.00	18.86 1.75 -0.01	24.69 2.16 0.00	27.73 2.72 -0.96	29.31 2.89 -2.56	29.16 2.89 -2.56	28.65 2.93 -0.02	29.04 2.95 -0.83	27.57 2.71 -1.92	27.81 2.68 -2.25	28.26 2.70 -2.47	29.55 3.03 -1.50	30.86 2.83 -3.61	34.01 2.94 -6.19	40.17 2.83 -12.75	41.76 3.30 -9.77	31.50 2.93 -2.42	28.30 2.48 -3.29	24.06 2.50 -0.01	22.11 2.08 -0.01
HOLTSVILLE_IC_7 23696	19.34 1.85 0.00	17.28 1.60 0.00	15.29 1.37 0.00	14.70 1.24 0.00	15.54 1.30 0.00	18.86 1.75 -0.01	24.69 2.16 0.00	27.73 2.72 -0.96	29.31 2.89 -2.56	29.16 2.89 -2.56	28.65 2.93 -0.02	29.04 2.95 -0.83	27.57 2.71 -1.92	27.81 2.68 -2.25	28.26 2.70 -2.47	29.55 3.03 -1.50	30.86 2.83 -3.61	34.01 2.94 -6.19	40.17 2.83 -12.75	41.76 3.30 -9.77	31.50 2.93 -2.42	28.30 2.48 -3.29	24.06 2.50 -0.01	22.11 2.08 -0.01
HOLTSVILLE_IC_8 23697	19.34 1.85 0.00	17.28 1.60 0.00	15.29 1.37 0.00	14.70 1.24 0.00	15.54 1.30 0.00	18.86 1.75 -0.01	24.69 2.16 0.00	27.73 2.72 -0.96	29.31 2.89 -2.56	29.16 2.89 -2.56	28.65 2.93 -0.02	29.04 2.95 -0.83	27.57 2.71 -1.92	27.81 2.68 -2.25	28.26 2.70 -2.47	29.55 3.03 -1.50	30.86 2.83 -3.61	34.01 2.94 -6.19	40.17 2.83 -12.75	41.76 3.30 -9.77	31.50 2.93 -2.42	28.30 2.48 -3.29	24.06 2.50 -0.01	22.11 2.08 -0.01
HOLTSVILLE_IC_9 23698	19.34 1.85 0.00	17.28 1.60 0.00	15.29 1.37 0.00	14.70 1.24 0.00	15.54 1.30 0.00	18.86 1.75 -0.01	24.69 2.16 0.00	27.73 2.72 -0.96	29.31 2.89 -2.56	29.16 2.89 -2.56	28.65 2.93 -0.02	29.04 2.95 -0.83	27.57 2.71 -1.92	27.81 2.68 -2.25	28.26 2.70 -2.47	29.55 3.03 -1.50	30.86 2.83 -3.61	34.01 2.94 -6.19	40.17 2.83 -12.75	41.76 3.30 -9.77	31.50 2.93 -2.42	28.30 2.48 -3.29	24.06 2.50 -0.01	22.11 2.08 -0.01
HOMER_HL_115KV_TB2 355744	18.22 0.73 0.00	16.54 0.86 0.00	14.58 0.65 0.00	14.24 0.78 0.00	15.10 0.85 0.00	18.03 0.92 0.00	23.36 0.83 0.00	23.23 -0.99 -0.17	23.36 -0.95 -0.44	23.34 -0.81 -0.44	26.69 0.98 0.00	26.31 1.06 0.00	22.48 -0.64 -0.18	22.43 -0.62 -0.16	22.70 -0.55 -0.16	25.78 0.73 -0.03	24.28 -0.76 -0.62	25.20 -0.75 -1.06	25.38 -0.79 -1.58	28.59 -1.06 -0.96	25.78 -0.78 -0.41	22.16 -0.90 -0.53	22.20 0.65 0.00	21.02 1.00 0.00
HOWARD_WT_PWR 323690	18.17 0.68 0.00	16.43 0.75 0.00	14.53 0.60 0.00	14.15 0.69 0.00	15.01 0.77 0.00	18.01 0.91 0.00	23.52 0.99 0.00	24.60 0.36 -0.19	24.71 0.33 -0.51	24.60 0.38 -0.51	26.87 1.16 0.00	26.33 1.08 0.00	23.54 0.39 -0.21	23.49 0.41 -0.19	23.75 0.46 -0.19	26.01 0.95 -0.04	25.58 0.44 -0.72	26.59 0.47 -1.23	26.86 0.44 -1.83	30.29 0.49 -1.11	27.18 0.55 -0.47	23.43 0.29 -0.62	22.28 0.73 0.00	20.90 0.88 0.00
HQ_GEN_CEDARS 23644	17.17 -0.31 0.00	15.43 -0.25 0.00	13.72 -0.21 0.00	13.26 -0.20 0.00	14.03 -0.21 0.00	16.83 -0.27 0.00	22.21 -0.32 0.00	23.86 -0.19 0.00	23.78 -0.10 0.00	23.57 -0.14 0.00	25.50 -0.21 0.00	25.00 -0.25 0.00	22.71 -0.23 0.00	22.64 -0.25 0.00	22.80 -0.30 0.00	24.67 -0.35 0.00	24.13 -0.29 0.00	24.61 -0.27 0.00	24.35 -0.25 0.00	28.35 -0.34 0.00	25.87 -0.29 0.00	22.39 -0.14 0.00	21.42 -0.13 0.00	19.92 -0.10 0.00
HQ_GEN_CEDARS_PROXY 323590	17.17 -0.31 0.00	15.43 -0.25 0.00	13.72 -0.21 0.00	13.26 -0.20 0.00	14.03 -0.21 0.00	16.83 -0.27 0.00	22.21 -0.32 0.00	23.86 -0.19 0.00	23.78 -0.10 0.00	23.57 -0.14 0.00	25.50 -0.21 0.00	25.00 -0.25 0.00	22.71 -0.23 0.00	22.64 -0.25 0.00	22.80 -0.30 0.00	24.67 -0.35 0.00	24.13 -0.29 0.00	24.61 -0.27 0.00	24.35 -0.25 0.00	28.35 -0.34 0.00	25.87 -0.29 0.00	22.39 -0.13 0.00	21.38 -0.17 0.00	19.92 -0.10 0.00
HQ_GEN_IMPORT 323601	17.22 -0.26 0.00	15.45 -0.23 0.00	13.73 -0.20 0.00	13.27 -0.19 0.00	14.05 -0.20 0.00	16.86 -0.24 0.00	22.21 -0.32 0.00	23.74 -0.31 0.00	23.56 -0.31 0.00	23.40 -0.31 0.00	25.35 -0.36 0.00	24.87 -0.38 0.00	22.62 -0.32 0.00	22.55 -0.34 0.00	22.75 -0.35 0.00	24.62 -0.40 0.00	24.08 -0.34 0.00	24.54 -0.35 0.00	24.27 -0.32 0.00	28.29 -0.40 0.00	25.79 -0.37 0.00	22.23 -0.29 0.00	21.25 -0.30 0.00	19.82 -0.20 0.00
HQ_GEN_WHEEL 23651	17.22 -0.26 0.00	15.45 -0.23 0.00	13.73 -0.20 0.00	13.27 -0.19 0.00	14.05 -0.20 0.00	16.86 -0.24 0.00	22.21 -0.32 0.00	23.74 -0.31 0.00	23.56 -0.31 0.00	23.40 -0.31 0.00	25.35 -0.36 0.00	24.87 -0.38 0.00	22.62 -0.32 0.00	22.55 -0.34 0.00	22.75 -0.35 0.00	24.62 -0.40 0.00	24.08 -0.34 0.00	24.54 -0.35 0.00	24.27 -0.32 0.00	28.29 -0.40 0.00	25.79 -0.37 0.00	22.23 -0.29 0.00	21.25 -0.30 0.00	19.82 -0.20 0.00
HUDSON_AVE_GT_3 23810	18.66 1.17 0.00	16.65 0.97 0.00	14.79 0.86 0.00	14.24 0.78 0.00	15.04 0.80 0.00	18.08 0.97 0.00	23.92 1.40 0.00	26.77 1.76 -0.96	28.22 1.81 -2.54	28.10 1.85 -2.54	27.69 1.98 0.00	27.27 2.02 0.00	25.88 1.88 -1.05	25.67 1.85 -0.93	25.90 1.87 -0.94	27.23 2.03 -0.18	29.86 1.86 -3.58	32.83 1.82 -6.12	35.43 1.72 -9.11	36.24 2.01 -5.53	30.20 1.70 -2.35	27.21 1.60 -3.08	23.06 1.51 0.00	21.22 1.20 0.00

HUDSON AVE_GT_4 23540	18.66 1.17 0.00	16.65 0.97 0.00	14.79 0.86 0.00	14.24 0.78 0.00	15.04 0.80 0.00	18.08 0.97 0.00	23.92 1.40 0.00	26.77 1.76 -0.96	28.22 1.81 -2.54	28.10 1.85 -2.54	27.69 1.98 0.00	27.27 2.02 0.00	25.88 1.88 -1.05	25.67 1.85 -0.93	25.90 1.87 -0.94	27.23 2.03 -0.18	29.86 1.86 -3.58	32.83 1.82 -6.12	35.43 1.72 -9.11	36.24 2.01 -5.53	30.20 1.70 -2.35	27.21 1.60 -3.08	23.06 1.51 0.00	21.22 1.20 0.00
HUDSON AVE_GT_5 23657	18.66 1.17 0.00	16.65 0.97 0.00	14.79 0.86 0.00	14.24 0.78 0.00	15.04 0.80 0.00	18.08 0.97 0.00	23.92 1.40 0.00	26.77 1.76 -0.96	28.22 1.81 -2.54	28.10 1.85 -2.54	27.69 1.98 0.00	27.27 2.02 0.00	25.88 1.88 -1.05	25.67 1.85 -0.93	25.90 1.87 -0.94	27.23 2.03 -0.18	29.86 1.86 -3.58	32.83 1.82 -6.12	35.43 1.72 -9.11	36.24 2.01 -5.53	30.20 1.70 -2.35	27.21 1.60 -3.08	23.06 1.51 0.00	21.22 1.20 0.00
HUDSON_AVE_10 24168	18.60 1.12 0.00	16.61 0.93 0.00	14.75 0.82 0.00	14.20 0.74 0.00	15.01 0.77 0.00	18.04 0.94 0.00	23.88 1.35 0.00	26.72 1.71 -0.96	28.20 1.79 -2.54	28.07 1.83 -2.54	27.61 1.90 0.00	27.19 1.94 0.00	25.83 1.84 -1.05	25.63 1.81 -0.93	25.83 1.80 -0.94	27.15 1.95 -0.18	29.78 1.78 -3.58	32.75 1.74 -6.12	35.35 1.65 -9.11	36.18 1.95 -5.53	30.13 1.62 -2.35	27.14 1.53 -3.08	23.04 1.49 0.00	21.18 1.16 0.00
HUDSON___115KV_TB 4 355613	18.17 0.68 0.00	16.26 0.58 0.00	14.49 0.56 0.00	13.99 0.52 0.00	14.83 0.58 0.00	17.79 0.68 0.00	23.50 0.97 0.00	26.20 0.99 -1.17	27.90 0.95 -3.07	27.71 0.92 -3.08	26.79 1.08 0.00	26.28 1.04 0.00	25.02 0.80 -1.28	24.84 0.82 -1.13	25.09 0.85 -1.13	26.29 1.05 -0.22	29.69 0.93 -4.34	33.33 1.02 -7.43	36.68 1.03 -11.05	36.64 1.23 -6.71	30.15 1.15 -2.85	27.16 0.90 -3.74	22.37 0.82 0.00	20.64 0.62 0.00
HUNTER MOUNT___DRP 323613	18.22 0.73 0.00	16.31 0.63 0.00	14.54 0.61 0.00	14.03 0.57 0.00	14.87 0.63 0.00	17.84 0.74 0.00	23.59 1.06 0.00	26.19 1.01 -1.13	27.80 0.95 -2.97	27.59 0.90 -2.98	26.81 1.11 0.00	26.31 1.06 0.00	24.93 0.76 -1.23	24.74 0.76 -1.09	25.00 0.81 -1.10	26.28 1.05 -0.21	29.50 0.88 -4.20	33.09 1.02 -7.18	36.33 1.06 -10.68	36.44 1.26 -6.49	30.09 1.18 -2.75	27.02 0.88 -3.61	22.41 0.86 0.00	20.68 0.66 0.00
HUNTINGTON_RES_REC 323705	19.16 1.68 0.00	17.11 1.43 0.00	15.15 1.23 0.00	14.55 1.09 0.00	15.39 1.14 0.00	18.67 1.56 -0.01	24.46 1.94 0.00	27.44 2.43 -0.96	29.00 2.60 -2.53	28.85 2.61 -2.53	28.40 2.67 -0.02	28.79 2.70 -0.83	27.32 2.46 -1.92	27.56 2.43 -2.25	28.04 2.47 -2.47	29.22 2.73 -1.48	30.47 2.47 -3.58	33.50 2.54 -6.08	33.74 2.56 -6.59	34.31 3.01 -2.60	31.05 2.59 -2.31	28.07 2.25 -3.29	23.84 2.28 -0.01	21.89 1.86 -0.01
HUNTLEY___63 23557	17.69 0.21 0.00	16.03 0.35 0.00	14.18 0.25 0.00	13.84 0.38 0.00	14.67 0.43 0.00	17.50 0.39 0.00	22.64 0.11 0.00	23.57 -0.63 -0.14	23.65 -0.60 -0.38	23.61 -0.47 -0.38	25.58 -0.13 0.00	25.27 0.03 0.00	22.78 -0.32 -0.16	22.75 -0.27 -0.14	23.03 -0.21 -0.14	25.10 0.05 -0.03	24.58 -0.37 -0.53	25.40 -0.40 -0.91	25.45 -0.49 -1.35	28.82 -0.69 -0.82	26.06 -0.44 -0.35	22.44 -0.54 -0.46	21.38 -0.17 0.00	20.34 0.32 0.00
HUNTLEY___64 23558	17.69 0.21 0.00	16.03 0.35 0.00	14.18 0.25 0.00	13.84 0.38 0.00	14.67 0.43 0.00	17.50 0.39 0.00	22.64 0.11 0.00	23.57 -0.63 -0.14	23.65 -0.60 -0.38	23.61 -0.47 -0.38	25.58 -0.13 0.00	25.27 0.03 0.00	22.78 -0.32 -0.16	22.75 -0.27 -0.14	23.03 -0.21 -0.14	25.10 0.05 -0.03	24.58 -0.37 -0.53	25.40 -0.40 -0.91	25.45 -0.49 -1.35	28.82 -0.69 -0.82	26.06 -0.44 -0.35	22.44 -0.54 -0.46	21.38 -0.17 0.00	20.34 0.32 0.00
HUNTLEY___65 23559	17.69 0.21 0.00	16.03 0.35 0.00	14.18 0.25 0.00	13.84 0.38 0.00	14.67 0.43 0.00	17.50 0.39 0.00	22.64 0.11 0.00	23.57 -0.63 -0.14	23.65 -0.60 -0.38	23.61 -0.47 -0.38	25.58 -0.13 0.00	25.27 0.03 0.00	22.78 -0.32 -0.16	22.75 -0.27 -0.14	23.03 -0.21 -0.14	25.10 0.05 -0.03	24.58 -0.37 -0.53	25.40 -0.40 -0.91	25.45 -0.49 -1.35	28.82 -0.69 -0.82	26.06 -0.44 -0.35	22.44 -0.54 -0.46	21.38 -0.17 0.00	20.34 0.32 0.00
HUNTLEY___66 23560	17.69 0.21 0.00	16.03 0.35 0.00	14.18 0.25 0.00	13.84 0.38 0.00	14.67 0.43 0.00	17.50 0.39 0.00	22.64 0.11 0.00	23.57 -0.63 -0.14	23.65 -0.60 -0.38	23.61 -0.47 -0.38	25.58 -0.13 0.00	25.27 0.03 0.00	22.78 -0.32 -0.16	22.75 -0.27 -0.14	23.03 -0.21 -0.14	25.10 0.05 -0.03	24.58 -0.37 -0.53	25.40 -0.40 -0.91	25.45 -0.49 -1.35	28.82 -0.69 -0.82	26.06 -0.44 -0.35	22.44 -0.54 -0.46	21.38 -0.17 0.00	20.34 0.32 0.00
HUNTLEY___67 23561	17.64 0.16 0.00	15.96 0.28 0.00	14.14 0.21 0.00	13.78 0.32 0.00	14.62 0.37 0.00	17.44 0.34 0.00	22.57 0.05 0.00	23.45 -0.75 -0.15	23.54 -0.72 -0.38	23.48 -0.62 -0.38	25.45 -0.26 0.00	25.15 -0.10 0.00	22.62 -0.48 -0.16	22.60 -0.43 -0.14	22.87 -0.37 -0.14	24.95 -0.10 -0.03	24.43 -0.54 -0.54	25.27 -0.55 -0.93	25.31 -0.66 -1.38	28.64 -0.89 -0.84	25.88 -0.63 -0.36	22.32 -0.68 -0.47	21.29 -0.26 0.00	20.28 0.26 0.00
HUNTLEY___68 23562	17.64 0.16 0.00	15.96 0.28 0.00	14.14 0.21 0.00	13.78 0.32 0.00	14.62 0.37 0.00	17.44 0.34 0.00	22.57 0.05 0.00	23.45 -0.75 -0.15	23.54 -0.72 -0.38	23.48 -0.62 -0.38	25.45 -0.26 0.00	25.15 -0.10 0.00	22.62 -0.48 -0.16	22.60 -0.43 -0.14	22.87 -0.37 -0.14	24.95 -0.10 -0.03	24.43 -0.54 -0.54	25.27 -0.55 -0.93	25.31 -0.66 -1.38	28.64 -0.89 -0.84	25.88 -0.63 -0.36	22.32 -0.68 -0.47	21.29 -0.26 0.00	20.28 0.26 0.00
HYLAND___LFGE 323620	18.36 0.87 0.00	16.58 0.89 0.00	14.65 0.72 0.00	14.27 0.81 0.00	15.13 0.88 0.00	18.13 1.03 0.00	23.86 1.33 0.00	25.48 1.27 -0.16	25.46 1.17 -0.42	25.10 0.97 -0.42	26.99 1.28 0.00	26.26 1.01 0.00	23.46 0.34 -0.17	23.73 0.69 -0.15	24.11 0.86 -0.15	26.25 1.20 -0.03	26.26 1.24 -0.59	27.34 1.44 -1.01	27.60 1.50 -1.51	31.59 1.98 -0.91	28.35 1.80 -0.39	24.29 1.26 -0.51	22.76 1.21 0.00	21.26 1.24 0.00
INDECK___CORINTH 23802	18.81 1.33 0.00	16.81 1.13 0.00	14.92 0.99 0.00	14.39 0.93 0.00	15.34 1.10 0.00	18.51 1.40 0.00	24.42 1.89 0.00	27.21 1.92 -1.23	29.01 1.89 -3.26	28.82 1.85 -3.26	27.79 2.08 0.00	27.32 2.07 0.00	25.99 1.70 -1.35	25.80 1.72 -1.19	26.05 1.75 -1.20	27.00 1.75 -0.23	30.68 1.66 -4.60	34.55 1.79 -7.87	37.92 1.62 -11.70	37.72 1.92 -7.11	31.21 2.04 -3.02	28.13 1.64 -3.96	23.21 1.66 0.00	21.32 1.30 0.00
INDECK___ILION 23567	17.52 0.03 0.00	15.71 0.03 0.00	13.96 0.03 0.00	13.49 0.03 0.00	14.27 0.03 0.00	17.15 0.05 0.00	22.59 0.07 0.00	24.15 0.10 0.00	23.97 0.10 0.00	23.81 0.09 0.00	25.84 0.13 0.00	25.38 0.13 0.00	23.03 0.09 0.00	22.98 0.09 0.00	23.19 0.09 0.00	25.12 0.10 0.00	24.52 0.10 0.00	24.96 0.07 0.00	24.64 0.05 0.00	28.75 0.06 0.00	26.16 0.00 0.00	22.50 -0.02 0.00	21.49 -0.06 0.00	19.94 -0.08 0.00

INDECK___OLEAN 23982	18.22 0.73 0.00	16.54 0.86 0.00	14.58 0.65 0.00	14.24 0.78 0.00	15.10 0.85 0.00	18.03 0.92 0.00	23.36 0.83 0.00	23.23 -0.99 -0.17	23.35 -0.96 -0.44	23.34 -0.81 -0.44	26.81 1.10 0.00	26.31 1.06 0.00	22.48 -0.64 -0.18	22.43 -0.62 -0.16	22.70 -0.55 -0.16	25.78 0.73 -0.03	24.28 -0.76 -0.62	25.20 -0.75 -1.06	25.38 -0.79 -1.58	28.59 -1.06 -0.96	25.78 -0.78 -0.41	22.16 -0.90 -0.53	22.22 0.67 0.00	21.02 1.00 0.00
INDECK___OSWEGO 23783	17.82 0.33 0.00	16.01 0.33 0.00	14.18 0.25 0.00	13.73 0.27 0.00	14.54 0.30 0.00	17.50 0.39 0.00	23.07 0.54 0.00	24.66 0.53 -0.08	24.56 0.48 -0.21	24.35 0.43 -0.21	26.25 0.54 0.00	25.73 0.48 0.00	23.42 0.39 -0.09	23.38 0.41 -0.08	23.59 0.42 -0.08	25.14 0.10 -0.02	24.85 0.12 -0.30	25.50 0.10 -0.52	25.51 0.15 -0.77	29.39 0.23 -0.47	26.62 0.26 -0.20	23.32 0.54 -0.26	22.09 0.54 0.00	20.48 0.46 0.00
INDECK___YERKES 23781	17.71 0.23 0.00	16.04 0.36 0.00	14.19 0.26 0.00	13.85 0.39 0.00	14.69 0.44 0.00	17.51 0.41 0.00	22.66 0.14 0.00	23.59 -0.60 -0.14	23.70 -0.55 -0.38	23.66 -0.43 -0.38	25.84 0.13 0.00	25.30 0.05 0.00	22.80 -0.30 -0.16	22.75 -0.27 -0.14	23.05 -0.19 -0.14	25.12 0.08 -0.03	24.61 -0.34 -0.53	25.45 -0.35 -0.91	25.47 -0.47 -1.35	28.85 -0.66 -0.82	26.08 -0.42 -0.35	22.49 -0.50 -0.46	21.40 -0.15 0.00	20.36 0.34 0.00
INDIAN POINT_GT_1 24139	18.48 1.00 0.00	16.53 0.85 0.00	14.68 0.75 0.00	14.13 0.67 0.00	14.94 0.70 0.00	17.94 0.84 0.00	23.70 1.17 0.00	26.46 1.47 -0.94	27.88 1.53 -2.48	27.76 1.56 -2.49	27.41 1.70 0.00	26.94 1.69 0.00	25.53 1.56 -1.03	25.31 1.51 -0.91	25.56 1.55 -0.92	26.90 1.70 -0.18	29.49 1.56 -3.51	32.48 1.59 -6.00	35.04 1.52 -8.92	35.89 1.78 -5.42	30.00 1.54 -2.30	26.90 1.35 -3.02	22.82 1.27 0.00	21.02 1.00 0.00
INDIAN POINT_GT_2 23659	18.48 1.00 0.00	16.53 0.85 0.00	14.68 0.75 0.00	14.13 0.67 0.00	14.94 0.70 0.00	17.94 0.84 0.00	23.70 1.17 0.00	26.46 1.47 -0.94	27.88 1.53 -2.48	27.76 1.56 -2.49	27.41 1.70 0.00	26.94 1.69 0.00	25.53 1.56 -1.03	25.31 1.51 -0.91	25.56 1.55 -0.92	26.90 1.70 -0.18	29.49 1.56 -3.51	32.48 1.59 -6.00	35.04 1.52 -8.92	35.89 1.78 -5.42	30.00 1.54 -2.30	26.90 1.35 -3.02	22.82 1.27 0.00	21.02 1.00 0.00
INDIAN POINT_GT_3 24019	18.48 1.00 0.00	16.53 0.85 0.00	14.68 0.75 0.00	14.13 0.67 0.00	14.94 0.70 0.00	17.94 0.84 0.00	23.70 1.17 0.00	26.46 1.47 -0.94	27.88 1.53 -2.48	27.76 1.56 -2.49	27.41 1.70 0.00	26.94 1.69 0.00	25.53 1.56 -1.03	25.31 1.51 -0.91	25.56 1.55 -0.92	26.90 1.70 -0.18	29.49 1.56 -3.51	32.48 1.59 -6.00	35.04 1.52 -8.92	35.89 1.78 -5.42	30.00 1.54 -2.30	26.90 1.35 -3.02	22.82 1.27 0.00	21.02 1.00 0.00
INDIAN POINT___2 23530	18.46 0.98 0.00	16.51 0.83 0.00	14.67 0.74 0.00	14.13 0.67 0.00	14.93 0.68 0.00	17.94 0.84 0.00	23.68 1.15 0.00	26.39 1.42 -0.92	27.78 1.48 -2.43	27.66 1.52 -2.43	27.33 1.62 0.00	26.89 1.64 0.00	25.46 1.51 -1.01	25.27 1.49 -0.89	25.52 1.52 -0.89	26.87 1.68 -0.17	29.38 1.54 -3.42	32.29 1.54 -5.86	34.81 1.50 -8.71	35.74 1.75 -5.29	29.89 1.49 -2.25	26.80 1.33 -2.95	22.84 1.29 0.00	21.00 0.98 0.00
INDIAN POINT___3 23531	18.46 0.98 0.00	16.51 0.83 0.00	14.67 0.74 0.00	14.13 0.67 0.00	14.94 0.70 0.00	17.94 0.84 0.00	23.68 1.15 0.00	26.44 1.44 -0.94	27.86 1.50 -2.48	27.72 1.52 -2.49	27.35 1.65 0.00	26.92 1.67 0.00	25.51 1.54 -1.03	25.31 1.51 -0.91	25.54 1.52 -0.92	26.87 1.68 -0.18	29.47 1.54 -3.51	32.43 1.54 -6.00	35.02 1.50 -8.93	35.87 1.75 -5.42	29.97 1.52 -2.30	26.87 1.33 -3.02	22.80 1.25 0.00	21.02 1.00 0.00
INGHAM_C_115KV_TB7 356103	17.41 -0.07 0.00	15.64 -0.05 0.00	13.89 -0.04 0.00	13.42 -0.04 0.00	14.20 -0.04 0.00	17.09 -0.02 0.00	22.50 -0.02 0.00	24.07 0.02 0.00	23.87 0.00 0.00	23.73 0.02 0.00	25.76 0.05 0.00	25.27 0.03 0.00	22.94 0.00 0.00	22.89 0.00 0.00	23.05 -0.05 0.00	24.99 -0.03 0.00	24.40 -0.02 0.00	24.84 -0.05 0.00	24.47 -0.12 0.00	28.49 -0.20 0.00	25.87 -0.29 0.00	22.23 -0.29 0.00	21.21 -0.34 0.00	19.70 -0.32 0.00
IP CORINTH___1 23988	18.81 1.33 0.00	16.81 1.13 0.00	14.92 0.99 0.00	14.39 0.93 0.00	15.34 1.10 0.00	18.51 1.40 0.00	24.42 1.89 0.00	27.21 1.92 -1.23	29.01 1.89 -3.26	28.82 1.85 -3.26	27.82 2.11 0.00	27.32 2.07 0.00	25.99 1.70 -1.35	25.80 1.72 -1.19	26.05 1.76 -1.20	27.00 1.75 -0.23	30.68 1.66 -4.60	34.52 1.77 -7.87	37.92 1.62 -11.70	37.72 1.92 -7.11	31.21 2.04 -3.02	28.13 1.64 -3.96	23.17 1.62 0.00	21.32 1.30 0.00
IP___TICONDEROGA 23804	19.57 2.08 0.00	17.45 1.77 0.00	15.47 1.55 0.00	14.90 1.44 0.00	15.98 1.74 0.00	19.36 2.26 0.00	24.60 2.07 0.00	27.38 2.09 -1.23	29.15 2.03 -3.25	28.94 1.97 -3.26	27.97 2.26 0.00	27.45 2.20 0.00	26.08 1.79 -1.35	25.91 1.83 -1.19	26.14 1.85 -1.20	27.15 1.90 -0.23	30.82 1.81 -4.59	34.71 1.97 -7.86	38.13 1.84 -11.69	38.00 2.21 -7.10	31.42 2.25 -3.01	28.28 1.80 -3.96	23.28 1.72 0.00	21.40 1.38 0.00
ISLIP_RES_REC 323679	19.43 1.94 0.00	17.36 1.68 0.00	15.36 1.43 0.00	14.75 1.29 0.00	15.61 1.37 0.00	18.94 1.83 -0.01	24.83 2.30 0.00	27.87 2.86 -0.96	29.48 3.06 -2.56	29.33 3.06 -2.56	28.83 3.11 -0.02	29.21 3.13 -0.83	27.70 2.84 -1.92	27.95 2.81 -2.25	28.43 2.86 -2.47	29.72 3.20 -1.50	31.03 3.00 -3.61	34.18 3.11 -6.18	40.00 2.97 -12.43	41.58 3.50 -9.39	31.68 3.11 -2.41	28.43 2.61 -3.29	24.19 2.63 -0.01	22.21 2.18 -0.01
JAMAICA__27_KV_LOAD 355505	18.71 1.22 0.00	16.69 1.00 0.00	14.82 0.89 0.00	14.26 0.79 0.00	15.07 0.83 0.00	18.15 1.04 0.00	24.06 1.53 0.00	26.89 1.88 -0.96	28.36 1.96 -2.54	28.26 2.02 -2.54	27.71 2.01 0.00	27.27 2.02 0.00	25.95 1.95 -1.05	25.76 1.95 -0.93	25.90 1.87 -0.94	27.25 2.05 -0.18	29.90 1.90 -3.58	32.88 1.87 -6.12	35.47 1.77 -9.11	36.32 2.09 -5.53	30.23 1.73 -2.35	27.25 1.64 -3.08	23.21 1.66 0.00	21.30 1.28 0.00
JANIS___SOLAR 323808	18.31 0.82 0.00	16.48 0.80 0.00	14.60 0.67 0.00	14.12 0.66 0.00	14.97 0.73 0.00	18.04 0.94 0.00	23.77 1.24 0.00	25.54 1.23 -0.26	25.68 1.12 -0.69	25.42 1.02 -0.69	26.99 1.28 0.00	26.44 1.19 0.00	24.12 0.89 -0.29	24.03 0.89 -0.25	24.30 0.95 -0.25	26.27 1.20 -0.05	26.52 1.12 -0.97	27.82 1.27 -1.66	28.42 1.35 -2.47	31.86 1.66 -1.50	28.26 1.46 -0.64	24.53 1.17 -0.84	22.74 1.18 0.00	21.08 1.06 0.00
JARVIS____ 23743	17.54 0.05 0.00	15.73 0.05 0.00	13.97 0.04 0.00	13.49 0.03 0.00	14.27 0.03 0.00	17.15 0.05 0.00	22.59 0.07 0.00	24.12 0.07 0.00	23.94 0.07 0.00	23.78 0.07 0.00	25.79 0.08 0.00	25.33 0.08 0.00	23.01 0.07 0.00	22.96 0.07 0.00	23.17 0.07 0.00	25.09 0.08 0.00	24.49 0.07 0.00	24.96 0.07 0.00	24.67 0.07 0.00	28.78 0.09 0.00	26.21 0.05 0.00	22.57 0.05 0.00	21.59 0.04 0.00	20.04 0.02 0.00

JENNISON___1 23625	18.46 0.98 0.00	16.59 0.91 0.00	14.71 0.78 0.00	14.21 0.75 0.00	15.06 0.81 0.00	18.15 1.04 0.00	23.86 1.33 0.00	25.77 1.37 -0.35	26.12 1.34 -0.91	25.86 1.23 -0.91	27.28 1.57 0.00	26.76 1.51 0.00	24.47 1.15 -0.38	24.37 1.14 -0.33	24.66 1.22 -0.34	26.59 1.50 -0.07	27.05 1.34 -1.28	28.50 1.42 -2.20	29.32 1.45 -3.27	32.49 1.81 -1.99	28.59 1.60 -0.84	24.92 1.28 -1.11	22.82 1.27 0.00	21.18 1.16 0.00
JENNISON___2 23626	18.46 0.98 0.00	16.59 0.91 0.00	14.71 0.78 0.00	14.21 0.75 0.00	15.06 0.81 0.00	18.15 1.04 0.00	23.86 1.33 0.00	25.77 1.37 -0.35	26.12 1.34 -0.91	25.86 1.23 -0.91	27.28 1.57 0.00	26.76 1.51 0.00	24.47 1.15 -0.38	24.37 1.14 -0.33	24.66 1.22 -0.34	26.59 1.50 -0.07	27.05 1.34 -1.28	28.50 1.42 -2.20	29.32 1.45 -3.27	32.49 1.81 -1.99	28.59 1.60 -0.84	24.92 1.28 -1.11	22.82 1.27 0.00	21.18 1.16 0.00
JERICHO_RISE_WT_PWR 323719	17.24 -0.24 0.00	15.53 -0.16 0.00	13.83 -0.10 0.00	13.38 -0.08 0.00	14.17 -0.07 0.00	17.02 -0.09 0.00	22.46 -0.07 0.00	23.76 -0.29 0.00	23.75 -0.12 0.00	23.59 -0.12 0.00	25.50 -0.21 0.00	24.95 -0.30 0.00	22.62 -0.32 0.00	22.45 -0.44 0.00	22.54 -0.55 0.00	24.32 -0.70 0.00	24.10 -0.32 0.00	24.66 -0.22 0.00	24.45 -0.15 0.00	28.43 -0.26 0.00	25.92 -0.24 0.00	22.37 -0.16 0.00	21.29 -0.26 0.00	19.78 -0.24 0.00
KATONAH___115KV_46KV_TB4 355592	18.57 1.08 0.00	16.59 0.91 0.00	14.75 0.82 0.00	14.20 0.74 0.00	14.99 0.74 0.00	17.98 0.87 0.00	23.79 1.26 0.00	26.65 1.61 -0.98	28.18 1.72 -2.59	28.06 1.75 -2.60	27.59 1.88 0.00	27.09 1.84 0.00	25.69 1.67 -1.08	25.47 1.63 -0.95	25.69 1.64 -0.96	27.06 1.85 -0.19	29.79 1.71 -3.66	32.94 1.79 -6.26	35.63 1.72 -9.32	36.39 2.04 -5.66	30.28 1.73 -2.40	27.16 1.49 -3.15	22.93 1.38 0.00	21.10 1.08 0.00
KCE_NY_1 323755	18.57 1.08 0.00	16.61 0.93 0.00	14.75 0.82 0.00	14.23 0.77 0.00	15.13 0.88 0.00	18.21 1.11 0.00	24.06 1.53 0.00	26.90 1.61 -1.23	28.67 1.55 -3.25	28.48 1.52 -3.25	27.41 1.70 0.00	26.94 1.69 0.00	25.71 1.42 -1.35	25.52 1.44 -1.19	25.75 1.46 -1.20	26.83 1.58 -0.23	30.50 1.49 -4.59	34.35 1.62 -7.85	37.82 1.55 -11.68	37.63 1.84 -7.10	30.95 1.78 -3.01	27.94 1.46 -3.95	22.95 1.40 0.00	21.08 1.06 0.00
KCE_NY_6_ESR 323823	17.92 0.44 0.00	16.25 0.56 0.00	14.36 0.43 0.00	14.01 0.55 0.00	14.86 0.61 0.00	17.74 0.63 0.00	22.98 0.45 0.00	23.67 0.45 -0.15	23.77 -0.50 -0.40	23.73 -0.38 -0.40	26.22 0.51 0.00	25.70 0.45 0.00	22.88 -0.23 -0.16	22.83 -0.21 -0.15	23.11 -0.14 -0.15	25.42 0.38 -0.03	24.69 -0.29 -0.56	25.55 -0.30 -0.96	25.63 -0.39 -1.43	28.99 -0.57 -0.87	26.18 -0.34 -0.37	22.56 -0.45 -0.48	21.72 0.17 0.00	20.64 0.62 0.00
KEDC_PORT_JEFF_GT2 24210	19.30 1.82 0.00	17.25 1.57 0.00	15.28 1.35 0.00	14.67 1.21 0.00	15.51 1.27 0.00	18.82 1.71 -0.01	24.64 2.12 0.00	27.68 2.67 -0.96	29.27 2.84 -2.56	29.12 2.84 -2.56	28.60 2.88 -0.02	28.99 2.90 -0.83	27.50 2.64 -1.92	27.74 2.61 -2.25	28.22 2.65 -2.47	29.50 2.98 -1.50	30.81 2.78 -3.61	33.94 2.86 -6.20	40.56 2.78 -13.19	42.21 3.24 -10.28	31.46 2.88 -2.43	28.25 2.43 -3.29	24.04 2.48 -0.01	22.07 2.04 -0.01
KEDC_PORT_JEFF_GT3 24211	19.30 1.82 0.00	17.25 1.57 0.00	15.28 1.35 0.00	14.67 1.21 0.00	15.51 1.27 0.00	18.82 1.71 -0.01	24.64 2.12 0.00	27.68 2.67 -0.96	29.27 2.84 -2.56	29.12 2.84 -2.56	28.60 2.88 -0.02	28.99 2.90 -0.83	27.50 2.64 -1.92	27.74 2.61 -2.25	28.22 2.65 -2.47	29.50 2.98 -1.50	30.81 2.78 -3.61	33.94 2.86 -6.20	40.56 2.78 -13.19	42.21 3.24 -10.28	31.46 2.88 -2.43	28.25 2.43 -3.29	24.04 2.48 -0.01	22.07 2.04 -0.01
KEDC_GLWD_GT4 24219	18.85 1.36 0.00	16.83 1.14 0.00	14.93 1.00 0.00	14.36 0.90 0.00	15.18 0.94 0.00	18.33 1.21 -0.01	24.10 1.58 0.00	26.99 1.97 -0.96	28.49 2.08 -2.54	28.37 2.11 -2.55	27.96 2.24 -0.02	28.36 2.27 -0.83	26.92 2.07 -1.92	27.20 2.06 -2.25	27.64 2.08 -2.47	28.79 2.28 -1.49	30.12 2.10 -3.60	32.98 1.97 -6.13	35.61 1.89 -9.12	36.48 2.24 -5.54	30.45 1.94 -2.36	27.64 1.82 -3.29	23.37 1.81 -0.01	21.47 1.44 -0.01
KEDC_GLWD_GT5 24220	18.85 1.36 0.00	16.83 1.14 0.00	14.93 1.00 0.00	14.36 0.90 0.00	15.18 0.94 0.00	18.33 1.21 -0.01	24.10 1.58 0.00	26.99 1.97 -0.96	28.49 2.08 -2.54	28.37 2.11 -2.55	27.96 2.24 -0.02	28.36 2.27 -0.83	26.92 2.07 -1.92	27.20 2.06 -2.25	27.64 2.08 -2.47	28.79 2.28 -1.49	30.12 2.10 -3.60	32.98 1.97 -6.13	35.61 1.89 -9.12	36.48 2.24 -5.54	30.45 1.94 -2.36	27.64 1.82 -3.29	23.37 1.81 -0.01	21.47 1.44 -0.01
KENSICO____ 23655	18.53 1.05 0.00	16.58 0.89 0.00	14.72 0.79 0.00	14.19 0.73 0.00	14.99 0.74 0.00	17.99 0.89 0.00	23.77 1.24 0.00	26.57 1.56 -0.96	28.02 1.62 -2.52	27.90 1.66 -2.52	27.51 1.80 0.00	27.07 1.82 0.00	25.64 1.65 -1.05	25.44 1.63 -0.93	25.67 1.64 -0.93	27.03 1.83 -0.18	29.67 1.69 -3.56	32.65 1.67 -6.09	35.28 1.62 -9.06	36.09 1.89 -5.51	30.11 1.62 -2.34	27.05 1.46 -3.07	22.91 1.36 0.00	21.10 1.08 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	18.46 0.98 0.00	16.53 0.85 0.00	14.65 0.72 0.00	14.12 0.66 0.00	14.90 0.66 0.00	17.87 0.77 0.00	23.63 1.10 0.00	26.24 1.32 -0.86	27.53 1.38 -2.28	27.41 1.42 -2.28	27.20 1.49 0.00	26.69 1.44 0.00	25.24 1.35 -0.95	25.03 1.30 -0.84	25.30 1.36 -0.84	26.73 1.55 -0.16	29.03 1.39 -3.22	31.83 1.44 -5.50	34.21 1.43 -8.19	35.36 1.69 -4.97	29.73 1.46 -2.11	26.51 1.22 -2.77	22.69 1.14 0.00	20.98 0.96 0.00
KIAC_JFK_GT1 23816	18.62 1.14 0.00	16.61 0.93 0.00	14.75 0.82 0.00	14.19 0.73 0.00	14.99 0.74 0.00	18.04 0.94 0.00	23.92 1.40 0.00	26.65 1.64 -0.96	28.15 1.74 -2.54	28.03 1.78 -2.54	27.46 1.75 0.00	27.04 1.79 0.00	25.83 1.84 -1.05	25.63 1.81 -0.93	25.69 1.66 -0.94	27.00 1.80 -0.18	29.66 1.66 -3.58	32.63 1.62 -6.12	35.23 1.52 -9.11	36.03 1.81 -5.53	29.97 1.46 -2.35	27.12 1.51 -3.08	23.08 1.53 0.00	21.20 1.18 0.00
KIAC_JFK_GT2 23817	18.62 1.14 0.00	16.61 0.93 0.00	14.75 0.82 0.00	14.19 0.73 0.00	14.99 0.74 0.00	18.04 0.94 0.00	23.92 1.40 0.00	26.65 1.64 -0.96	28.15 1.74 -2.54	28.03 1.78 -2.54	27.46 1.75 0.00	27.04 1.79 0.00	25.83 1.84 -1.05	25.63 1.81 -0.93	25.69 1.66 -0.94	27.00 1.80 -0.18	29.66 1.66 -3.58	32.63 1.62 -6.12	35.23 1.52 -9.11	36.03 1.81 -5.53	29.97 1.46 -2.35	27.12 1.51 -3.08	23.08 1.53 0.00	21.20 1.18 0.00
KIAC_JFK____ 323774	18.62 1.14 0.00	16.61 0.93 0.00	14.75 0.82 0.00	14.19 0.73 0.00	14.99 0.74 0.00	18.04 0.94 0.00	23.92 1.40 0.00	26.65 1.64 -0.96	28.15 1.74 -2.54	28.03 1.78 -2.54	27.41 1.70 0.00	27.04 1.79 0.00	25.83 1.84 -1.05	25.63 1.81 -0.93	25.70 1.66 -0.94	27.00 1.80 -0.18	29.66 1.66 -3.58	32.60 1.59 -6.12	35.23 1.53 -9.11	36.04 1.81 -5.53	29.97 1.46 -2.35	27.12 1.51 -3.08	23.15 1.59 0.00	21.20 1.18 0.00

KINTIGH____ 23543	17.36 -0.12 0.00	15.70 0.02 0.00	13.90 -0.03 0.00	13.54 0.08 0.00	14.34 0.10 0.00	17.10 0.00 0.00	22.28 -0.25 0.00	23.86 -0.31 -0.12	23.88 -0.31 -0.32	23.77 -0.26 -0.32	25.17 -0.54 0.00	24.79 -0.45 0.00	22.91 -0.16 -0.13	22.87 -0.14 -0.12	23.14 -0.07 -0.12	24.74 -0.30 -0.02	24.72 -0.15 -0.45	25.50 -0.15 -0.77	25.49 -0.25 -1.14	29.04 -0.34 -0.69	26.27 -0.18 -0.29	22.62 -0.29 -0.39	21.08 -0.47 0.00	19.92 -0.10 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	17.45 -0.03 0.00	15.73 0.05 0.00	14.01 0.08 0.00	13.57 0.11 0.00	14.36 0.11 0.00	17.24 0.14 0.00	22.75 0.23 0.00	23.98 -0.07 0.00	23.97 0.10 0.00	23.78 0.07 0.00	25.73 0.03 0.00	25.12 -0.13 0.00	22.78 -0.16 0.00	22.64 -0.25 0.00	22.73 -0.37 0.00	24.52 -0.50 0.00	24.40 -0.02 0.00	25.01 0.12 0.00	24.79 0.20 0.00	28.81 0.11 0.00	26.29 0.13 0.00	22.68 0.16 0.00	21.62 0.06 0.00	20.00 -0.02 0.00
LACHUTE__HYDRO 323717	19.56 2.08 0.00	17.45 1.77 0.00	15.47 1.55 0.00	14.90 1.44 0.00	15.98 1.74 0.00	19.36 2.26 0.00	24.60 2.07 0.00	27.38 2.09 -1.23	29.15 2.03 -3.25	28.94 1.97 -3.26	27.94 2.24 0.00	27.44 2.20 0.00	26.08 1.79 -1.35	25.91 1.83 -1.19	26.15 1.85 -1.20	27.15 1.90 -0.23	30.82 1.81 -4.59	34.74 1.99 -7.86	38.13 1.85 -11.69	38.01 2.21 -7.10	31.42 2.25 -3.01	28.28 1.80 -3.96	23.32 1.77 0.00	21.40 1.38 0.00
LAWRNCALV_115KV_TB1 80681	17.15 -0.33 0.00	15.42 -0.27 0.00	13.71 -0.22 0.00	13.25 -0.22 0.00	14.05 -0.20 0.00	16.86 -0.24 0.00	22.26 -0.27 0.00	23.91 -0.14 0.00	23.85 -0.02 0.00	23.62 -0.09 0.00	25.58 -0.13 0.00	25.02 -0.23 0.00	22.74 -0.21 0.00	22.66 -0.23 0.00	22.75 -0.35 0.00	24.64 -0.38 0.00	24.05 -0.37 0.00	24.51 -0.37 0.00	24.27 -0.32 0.00	28.29 -0.40 0.00	25.79 -0.37 0.00	22.41 -0.11 0.00	21.47 -0.09 0.00	19.94 -0.08 0.00
LEDERLE____ 23769	18.52 1.03 0.00	16.58 0.89 0.00	14.71 0.78 0.00	14.17 0.71 0.00	14.97 0.73 0.00	17.98 0.87 0.00	23.74 1.22 0.00	26.44 1.49 -0.90	27.79 1.55 -2.36	27.67 1.59 -2.37	27.43 1.72 0.00	26.97 1.72 0.00	25.51 1.58 -0.98	25.31 1.56 -0.87	25.56 1.59 -0.87	26.94 1.75 -0.17	29.37 1.61 -3.34	32.21 1.62 -5.71	34.66 1.57 -8.49	35.69 1.84 -5.16	29.94 1.60 -2.19	26.79 1.40 -2.87	22.84 1.29 0.00	21.06 1.04 0.00
LIGHTHSE_115KV_TB6 355974	17.69 0.21 0.00	15.90 0.22 0.00	14.10 0.17 0.00	13.64 0.17 0.00	14.44 0.20 0.00	17.39 0.29 0.00	22.93 0.41 0.00	24.56 0.43 -0.07	24.42 0.36 -0.19	24.19 0.28 -0.19	26.04 0.33 0.00	25.53 0.28 0.00	23.23 0.21 -0.08	23.17 0.21 -0.07	23.40 0.23 -0.07	25.21 0.18 -0.01	24.91 0.22 -0.27	25.60 0.25 -0.47	25.58 0.30 -0.70	29.55 0.43 -0.42	26.70 0.37 -0.18	23.19 0.43 -0.24	21.92 0.37 0.00	20.36 0.34 0.00
LINDEN COGEN____ 23786	18.57 1.08 0.00	16.58 0.89 0.00	14.72 0.79 0.00	14.19 0.73 0.00	14.99 0.74 0.00	17.99 0.89 0.00	23.79 1.26 0.00	26.60 1.59 -0.96	28.05 1.65 -2.54	27.93 1.68 -2.54	27.46 1.75 0.00	27.12 1.87 0.00	25.74 1.74 -1.05	25.56 1.74 -0.93	25.76 1.73 -0.94	27.08 1.88 -0.18	29.68 1.68 -3.58	32.63 1.62 -6.12	35.23 1.53 -9.11	36.04 1.81 -5.53	30.05 1.54 -2.35	27.05 1.44 -3.08	23.00 1.44 0.00	21.12 1.10 0.00
LINDHRST_69_KV_BK1 356055	19.22 1.73 0.00	17.16 1.47 0.00	15.20 1.27 0.00	14.61 1.14 0.00	15.44 1.20 0.00	18.71 1.61 0.00	24.53 2.00 0.00	27.51 2.50 -0.96	29.06 2.65 -2.54	28.88 2.63 -2.54	28.48 2.75 -0.02	28.86 2.78 -0.83	27.36 2.50 -1.92	27.61 2.47 -2.25	28.08 2.52 -2.47	29.31 2.80 -1.49	30.66 2.64 -3.60	33.78 2.76 -6.13	36.64 2.63 -9.41	37.68 3.10 -5.88	31.23 2.72 -2.35	28.12 2.30 -3.29	23.84 2.28 0.00	21.94 1.92 0.00
LIPA_MISC_IPP 23656	19.32 1.84 0.00	17.27 1.58 0.00	15.29 1.37 0.00	14.69 1.22 0.00	15.54 1.30 0.00	18.83 1.73 0.00	24.67 2.14 0.00	27.71 2.69 -0.96	29.28 2.86 -2.55	29.13 2.87 -2.55	28.63 2.91 -0.02	28.99 2.90 -0.83	27.50 2.64 -1.92	27.74 2.61 -2.25	28.22 2.66 -2.47	29.50 2.98 -1.50	30.81 2.78 -3.61	33.98 2.91 -6.18	39.91 2.78 -12.53	41.48 3.27 -9.51	31.47 2.90 -2.41	28.25 2.43 -3.29	23.99 2.44 0.00	22.06 2.04 0.00
LISF__SOLAR 323691	19.36 1.87 0.00	17.31 1.63 0.00	15.33 1.41 0.00	14.73 1.26 0.00	15.57 1.33 0.00	18.87 1.76 -0.01	24.71 2.18 0.00	27.78 2.76 -0.96	29.36 2.94 -2.55	29.21 2.94 -2.56	28.65 2.93 -0.02	29.04 2.95 -0.83	27.54 2.68 -1.92	27.81 2.68 -2.25	28.29 2.72 -2.47	29.57 3.05 -1.50	30.88 2.86 -3.61	34.03 2.96 -6.18	40.04 2.85 -12.59	41.63 3.36 -9.58	31.53 2.95 -2.42	28.32 2.50 -3.29	24.10 2.54 -0.01	22.13 2.10 -0.01
LITTLE FALLS__HYD 24013	17.41 -0.07 0.00	15.64 -0.05 0.00	13.89 -0.04 0.00	13.42 -0.04 0.00	14.20 -0.04 0.00	17.09 -0.02 0.00	22.50 -0.02 0.00	24.07 0.02 0.00	23.87 0.00 0.00	23.73 0.02 0.00	25.76 0.05 0.00	25.27 0.03 0.00	22.94 0.00 0.00	22.89 0.00 0.00	23.05 -0.05 0.00	24.99 -0.03 0.00	24.40 -0.02 0.00	24.84 -0.05 0.00	24.47 -0.12 0.00	28.49 -0.20 0.00	25.87 -0.29 0.00	22.23 -0.29 0.00	21.21 -0.34 0.00	19.70 -0.32 0.00
LITTLRIV_115KV_TB1 356100	17.26 -0.23 0.00	15.51 -0.17 0.00	13.80 -0.13 0.00	13.33 -0.13 0.00	14.13 -0.11 0.00	17.00 -0.10 0.00	22.44 -0.09 0.00	24.12 0.07 0.00	24.06 0.19 0.00	23.81 0.09 0.00	25.79 0.08 0.00	25.22 -0.03 0.00	22.90 -0.05 0.00	22.80 -0.09 0.00	22.93 -0.16 0.00	24.82 -0.20 0.00	24.23 -0.20 0.00	24.71 -0.17 0.00	24.49 -0.10 0.00	28.55 -0.14 0.00	26.03 -0.13 0.00	22.59 0.07 0.00	21.64 0.09 0.00	20.08 0.06 0.00
LI_NEWBRIDGE__DRP 323616	18.85 1.36 0.00	16.84 1.16 0.00	14.92 0.99 0.00	14.35 0.89 0.00	15.17 0.93 0.00	18.35 1.25 0.00	24.08 1.55 0.00	26.98 1.97 -0.96	28.51 2.10 -2.54	28.36 2.11 -2.54	27.91 2.19 -0.02	28.26 2.17 -0.83	26.86 2.00 -1.92	27.10 1.97 -2.25	27.55 1.99 -2.47	28.71 2.20 -1.49	30.04 2.03 -3.60	33.13 2.12 -6.13	35.75 2.04 -9.12	36.61 2.38 -5.54	30.60 2.09 -2.35	27.60 1.78 -3.29	23.34 1.79 0.00	21.50 1.48 0.00
LOCKPORT_115KV_TB60_63_64 80432	17.57 0.09 0.00	15.93 0.25 0.00	14.12 0.20 0.00	13.78 0.32 0.00	14.60 0.36 0.00	17.39 0.29 0.00	22.46 -0.07 0.00	23.44 -0.75 -0.14	23.51 -0.72 -0.36	23.45 -0.62 -0.36	25.32 -0.39 0.00	25.00 -0.25 0.00	22.61 -0.48 -0.15	22.56 -0.46 -0.13	22.86 -0.37 -0.13	24.87 -0.18 -0.03	24.42 -0.51 -0.51	25.23 -0.52 -0.87	25.25 -0.64 -1.29	28.65 -0.83 -0.78	25.91 -0.58 -0.33	22.29 -0.68 -0.44	21.16 -0.39 0.00	20.16 0.14 0.00
LOCKPORT__CC1 323769	17.57 0.09 0.00	15.93 0.25 0.00	14.12 0.19 0.00	13.77 0.31 0.00	14.60 0.36 0.00	17.39 0.29 0.00	22.48 -0.04 0.00	23.44 -0.75 -0.14	23.52 -0.72 -0.36	23.46 -0.62 -0.36	25.53 -0.18 0.00	25.00 -0.25 0.00	22.61 -0.48 -0.15	22.56 -0.46 -0.13	22.86 -0.37 -0.13	24.87 -0.17 -0.03	24.42 -0.51 -0.51	25.24 -0.52 -0.88	25.26 -0.64 -1.30	28.62 -0.86 -0.79	25.89 -0.60 -0.34	22.31 -0.65 -0.44	21.19 -0.37 0.00	20.18 0.16 0.00

LOCKPORT___CC2 323770	17.57 0.09 0.00	15.93 0.25 0.00	14.12 0.19 0.00	13.77 0.31 0.00	14.60 0.36 0.00	17.39 0.29 0.00	22.48 -0.04 0.00	23.44 -0.75 -0.14	23.52 -0.72 -0.36	23.46 -0.62 -0.36	25.53 -0.18 0.00	25.00 -0.25 0.00	22.61 -0.48 -0.15	22.56 -0.46 -0.13	22.86 -0.37 -0.13	24.87 -0.17 -0.03	24.42 -0.51 -0.51	25.24 -0.52 -0.88	25.26 -0.64 -1.30	28.62 -0.86 -0.79	25.89 -0.60 -0.34	22.31 -0.65 -0.44	21.19 -0.37 0.00	20.18 0.16 0.00
LOCKPORT___CC3 323771	17.57 0.09 0.00	15.93 0.25 0.00	14.12 0.19 0.00	13.77 0.31 0.00	14.60 0.36 0.00	17.39 0.29 0.00	22.48 -0.04 0.00	23.44 -0.75 -0.14	23.52 -0.72 -0.36	23.46 -0.62 -0.36	25.53 -0.18 0.00	25.00 -0.25 0.00	22.61 -0.48 -0.15	22.56 -0.46 -0.13	22.86 -0.37 -0.13	24.87 -0.17 -0.03	24.42 -0.51 -0.51	25.24 -0.52 -0.88	25.26 -0.64 -1.30	28.62 -0.86 -0.79	25.89 -0.60 -0.34	22.31 -0.65 -0.44	21.19 -0.37 0.00	20.18 0.16 0.00
LONG_LAKE_PHOENIX 24014	17.75 0.26 0.00	15.95 0.27 0.00	14.14 0.21 0.00	13.68 0.22 0.00	14.50 0.26 0.00	17.43 0.32 0.00	22.98 0.45 0.00	24.54 0.41 -0.08	24.44 0.36 -0.21	24.26 0.33 -0.21	26.12 0.41 0.00	25.63 0.38 0.00	23.35 0.32 -0.09	23.31 0.34 -0.08	23.50 0.32 -0.08	25.26 0.23 -0.02	24.94 0.22 -0.30	25.63 0.22 -0.52	25.63 0.27 -0.77	29.53 0.37 -0.47	26.72 0.37 -0.20	23.24 0.45 -0.26	21.98 0.43 0.00	20.40 0.38 0.00
LOVETT___3 23632	18.45 0.96 0.00	16.50 0.82 0.00	14.65 0.72 0.00	14.12 0.66 0.00	14.93 0.68 0.00	17.92 0.82 0.00	23.65 1.13 0.00	26.35 1.39 -0.90	27.68 1.43 -2.38	27.56 1.47 -2.38	27.30 1.59 0.00	26.87 1.62 0.00	25.42 1.49 -0.99	25.23 1.46 -0.87	25.45 1.48 -0.88	26.82 1.63 -0.17	29.29 1.51 -3.36	32.13 1.49 -5.75	34.59 1.45 -8.55	35.58 1.69 -5.19	29.82 1.46 -2.20	26.70 1.28 -2.89	22.76 1.21 0.00	20.98 0.96 0.00
LOVETT___4 23642	18.45 0.96 0.00	16.50 0.82 0.00	14.65 0.72 0.00	14.12 0.66 0.00	14.93 0.68 0.00	17.92 0.82 0.00	23.65 1.13 0.00	26.35 1.39 -0.90	27.68 1.43 -2.38	27.56 1.47 -2.38	27.30 1.59 0.00	26.87 1.62 0.00	25.42 1.49 -0.99	25.23 1.46 -0.87	25.45 1.48 -0.88	26.82 1.63 -0.17	29.29 1.51 -3.36	32.13 1.49 -5.75	34.59 1.45 -8.55	35.58 1.69 -5.19	29.82 1.46 -2.20	26.70 1.28 -2.89	22.76 1.21 0.00	20.98 0.96 0.00
LOVETT___5 23593	18.45 0.96 0.00	16.50 0.82 0.00	14.65 0.72 0.00	14.12 0.66 0.00	14.93 0.68 0.00	17.92 0.82 0.00	23.65 1.13 0.00	26.35 1.39 -0.90	27.68 1.43 -2.38	27.56 1.47 -2.38	27.30 1.59 0.00	26.87 1.62 0.00	25.42 1.49 -0.99	25.23 1.46 -0.87	25.45 1.48 -0.88	26.82 1.63 -0.17	29.29 1.51 -3.36	32.13 1.49 -5.75	34.59 1.45 -8.55	35.58 1.69 -5.19	29.82 1.46 -2.20	26.70 1.28 -2.89	22.76 1.21 0.00	20.98 0.96 0.00
LOWER RAQUET___HYD 24057	17.14 -0.35 0.00	15.40 -0.28 0.00	13.71 -0.22 0.00	13.23 -0.23 0.00	14.05 -0.20 0.00	16.88 -0.22 0.00	22.28 -0.25 0.00	23.93 -0.12 0.00	23.85 -0.02 0.00	23.64 -0.07 0.00	25.58 -0.13 0.00	25.05 -0.20 0.00	22.74 -0.21 0.00	22.66 -0.23 0.00	22.75 -0.35 0.00	24.62 -0.40 0.00	24.01 -0.42 0.00	24.46 -0.42 0.00	24.22 -0.37 0.00	28.23 -0.46 0.00	25.76 -0.39 0.00	22.41 -0.11 0.00	21.42 -0.13 0.00	19.94 -0.08 0.00
LOWER___HUDSON 24059	18.24 0.75 0.00	16.31 0.63 0.00	14.51 0.58 0.00	14.01 0.55 0.00	14.84 0.60 0.00	17.82 0.72 0.00	23.52 0.99 0.00	26.40 1.13 -1.22	28.18 1.10 -3.21	27.99 1.07 -3.21	26.89 1.18 0.00	26.46 1.21 0.00	25.31 1.03 -1.33	25.12 1.05 -1.18	25.34 1.06 -1.18	26.43 1.18 -0.23	30.08 1.12 -4.53	33.83 1.19 -7.75	37.31 1.18 -11.54	37.08 1.38 -7.01	30.41 1.28 -2.97	27.49 1.06 -3.90	22.54 0.99 0.00	20.72 0.70 0.00
LOWVILLE_115KV_TB2 356335	17.61 0.12 0.00	15.82 0.14 0.00	14.04 0.11 0.00	13.57 0.11 0.00	14.37 0.13 0.00	17.33 0.22 0.00	22.84 0.32 0.00	24.54 0.46 -0.03	24.41 0.45 -0.09	24.15 0.36 -0.09	26.12 0.41 0.00	25.55 0.30 0.00	23.16 0.18 -0.04	23.08 0.16 -0.03	23.31 0.18 -0.03	25.28 0.25 -0.01	24.84 0.29 -0.12	25.42 0.32 -0.21	25.33 0.42 -0.31	29.43 0.55 -0.19	26.68 0.44 -0.08	23.04 0.41 -0.11	21.90 0.34 0.00	20.30 0.28 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	18.57 1.08 0.00	16.59 0.91 0.00	14.75 0.82 0.00	14.23 0.77 0.00	15.11 0.87 0.00	18.20 1.09 0.00	24.04 1.51 0.00	26.87 1.59 -1.23	28.67 1.55 -3.25	28.46 1.49 -3.25	27.41 1.70 0.00	26.94 1.69 0.00	25.69 1.40 -1.35	25.50 1.42 -1.19	25.75 1.46 -1.20	26.80 1.55 -0.23	30.50 1.49 -4.59	34.31 1.57 -7.85	37.80 1.52 -11.68	37.60 1.81 -7.10	30.92 1.75 -3.01	27.92 1.44 -3.95	22.89 1.34 0.00	21.08 1.06 0.00
LUTHERNY_35_KV_BK2 355980	18.57 1.08 0.00	16.61 0.93 0.00	14.75 0.82 0.00	14.23 0.77 0.00	15.13 0.88 0.00	18.21 1.11 0.00	24.06 1.53 0.00	26.89 1.61 -1.23	28.67 1.55 -3.25	28.48 1.52 -3.25	27.43 1.72 0.00	26.94 1.69 0.00	25.71 1.42 -1.35	25.52 1.44 -1.19	25.75 1.46 -1.20	26.83 1.58 -0.23	30.50 1.49 -4.59	34.33 1.59 -7.85	37.82 1.55 -11.68	37.62 1.84 -7.10	30.95 1.78 -3.01	27.94 1.46 -3.95	22.89 1.34 0.00	21.08 1.06 0.00
LWR___OSWEGATCHIE_HYD 23850	17.31 -0.17 0.00	15.56 -0.13 0.00	13.82 -0.11 0.00	13.35 -0.11 0.00	14.16 -0.09 0.00	17.05 -0.05 0.00	22.48 -0.05 0.00	24.17 0.10 -0.02	24.08 0.14 -0.06	23.85 0.07 -0.06	25.76 0.05 0.00	25.20 -0.05 0.00	22.88 -0.09 -0.03	22.78 -0.14 -0.02	22.94 -0.18 -0.02	24.85 -0.18 0.00	24.36 -0.15 -0.09	24.92 -0.12 -0.15	24.75 -0.07 -0.23	28.77 -0.06 -0.14	26.14 -0.08 -0.06	22.69 0.09 -0.08	21.62 0.06 0.00	20.06 0.04 0.00
LYONS_FALL_HYD 23570	17.71 0.23 0.00	15.89 0.20 0.00	14.11 0.18 0.00	13.64 0.17 0.00	14.44 0.20 0.00	17.39 0.29 0.00	22.93 0.41 0.00	24.59 0.51 -0.03	24.48 0.52 -0.08	24.24 0.45 -0.08	26.22 0.51 0.00	25.68 0.43 0.00	23.30 0.32 -0.04	23.22 0.30 -0.03	23.43 0.30 -0.03	25.42 0.40 -0.01	24.93 0.39 -0.12	25.54 0.45 -0.20	25.39 0.49 -0.30	29.51 0.63 -0.18	26.76 0.52 -0.08	23.08 0.45 -0.10	21.96 0.41 0.00	20.36 0.34 0.00
MADISON___COUNTY_LFGE 323628	17.92 0.44 0.00	16.09 0.41 0.00	14.28 0.35 0.00	13.80 0.34 0.00	14.62 0.37 0.00	17.58 0.48 0.00	23.16 0.63 0.00	24.78 0.67 -0.06	24.66 0.64 -0.15	24.47 0.62 -0.15	26.45 0.75 0.00	25.93 0.68 0.00	23.55 0.55 -0.06	23.47 0.53 -0.05	23.70 0.55 -0.05	25.68 0.65 -0.01	25.24 0.61 -0.21	25.87 0.62 -0.36	25.79 0.66 -0.53	29.85 0.83 -0.32	27.03 0.73 -0.14	23.29 0.59 -0.18	22.11 0.56 0.00	20.54 0.52 0.00
MALONE___115KV_TB1 356076	17.36 -0.12 0.00	15.64 -0.05 0.00	13.93 0.00 0.00	13.47 0.01 0.00	14.26 0.01 0.00	17.12 0.02 0.00	22.62 0.09 0.00	24.05 0.00 0.00	24.09 0.21 0.00	23.88 0.17 0.00	25.84 0.13 0.00	25.25 0.00 0.00	22.90 -0.05 0.00	22.75 -0.14 0.00	22.84 -0.25 0.00	24.67 -0.35 0.00	24.35 -0.07 0.00	24.94 0.05 0.00	24.72 0.12 0.00	28.72 0.03 0.00	26.21 0.05 0.00	22.66 0.14 0.00	21.62 0.06 0.00	20.02 0.00 0.00

MAPLEWOD_115KV_TB3 80458	18.10 0.61 0.00	16.18 0.50 0.00	14.42 0.49 0.00	13.91 0.44 0.00	14.74 0.50 0.00	17.70 0.60 0.00	23.34 0.81 0.00	26.20 0.94 -1.21	27.97 0.91 -3.19	27.78 0.88 -3.19	26.71 1.00 0.00	26.26 1.01 0.00	25.11 0.85 -1.32	24.93 0.87 -1.17	25.15 0.88 -1.18	26.25 1.00 -0.23	29.85 0.93 -4.50	33.58 1.00 -7.70	37.03 0.98 -11.45	36.80 1.15 -6.96	30.18 1.07 -2.95	27.28 0.88 -3.87	22.31 0.75 0.00	20.56 0.54 0.00
MAPLE_RIDGE_WT_1 323574	17.34 -0.14 0.00	15.56 -0.13 0.00	13.82 -0.11 0.00	13.35 -0.11 0.00	14.15 -0.10 0.00	17.00 -0.10 0.00	22.42 -0.11 0.00	23.93 -0.12 0.00	23.80 -0.07 0.00	23.69 -0.02 0.00	25.73 0.03 0.00	25.30 0.05 0.00	22.97 0.02 0.00	22.91 0.02 0.00	23.12 0.02 0.00	25.04 0.03 0.00	24.40 -0.02 0.00	24.81 -0.07 0.00	24.45 -0.15 0.00	28.49 -0.20 0.00	25.97 -0.18 0.00	22.34 -0.18 0.00	21.34 -0.22 0.00	19.74 -0.28 0.00
MAPLE_RIDGE_WT_2 323611	17.34 -0.14 0.00	15.56 -0.13 0.00	13.82 -0.11 0.00	13.35 -0.11 0.00	14.15 -0.10 0.00	17.00 -0.10 0.00	22.42 -0.11 0.00	23.93 -0.12 0.00	23.80 -0.07 0.00	23.69 -0.02 0.00	25.73 0.03 0.00	25.30 0.05 0.00	22.97 0.02 0.00	22.91 0.02 0.00	23.12 0.02 0.00	25.04 0.03 0.00	24.40 -0.02 0.00	24.81 -0.07 0.00	24.45 -0.15 0.00	28.49 -0.20 0.00	25.97 -0.18 0.00	22.34 -0.18 0.00	21.34 -0.22 0.00	19.74 -0.28 0.00
MARBLE_RIVER_WT_PWR 323696	17.28 -0.21 0.00	15.57 -0.11 0.00	13.87 -0.06 0.00	13.42 -0.04 0.00	14.22 -0.03 0.00	17.07 -0.03 0.00	22.50 -0.02 0.00	23.79 -0.26 0.00	23.78 -0.10 0.00	23.62 -0.09 0.00	25.56 -0.15 0.00	24.97 -0.28 0.00	22.64 -0.30 0.00	22.50 -0.39 0.00	22.59 -0.51 0.00	24.37 -0.65 0.00	24.15 -0.27 0.00	24.74 -0.15 0.00	24.52 -0.07 0.00	28.49 -0.20 0.00	25.97 -0.18 0.00	22.44 -0.09 0.00	21.36 -0.19 0.00	19.82 -0.20 0.00
MARSHVLE_115KV_TB1 80742	19.11 1.63 0.00	17.11 1.43 0.00	15.18 1.25 0.00	14.65 1.18 0.00	15.64 1.40 0.00	18.92 1.81 0.00	25.16 2.64 0.00	27.96 2.67 -1.24	29.73 2.58 -3.28	29.48 2.49 -3.28	28.51 2.80 0.00	27.98 2.73 0.00	26.55 2.25 -1.36	26.38 2.29 -1.20	26.45 2.15 -1.21	27.71 2.45 -0.24	31.39 2.34 -4.63	35.34 2.54 -7.92	38.91 2.53 -11.78	38.86 3.01 -7.16	32.02 2.82 -3.04	28.94 2.43 -3.99	23.77 2.22 0.00	21.84 1.82 0.00
MARSH_HILL_WT_PWR 323713	18.15 0.66 0.00	16.42 0.74 0.00	14.51 0.58 0.00	14.13 0.67 0.00	15.00 0.75 0.00	17.97 0.87 0.00	23.50 0.97 0.00	24.58 0.34 -0.19	24.68 0.31 -0.50	24.59 0.38 -0.50	26.81 1.10 0.00	26.28 1.04 0.00	23.52 0.37 -0.21	23.49 0.41 -0.18	23.72 0.44 -0.18	25.98 0.93 -0.04	25.54 0.41 -0.71	26.54 0.45 -1.21	26.81 0.42 -1.80	30.24 0.46 -1.09	27.17 0.55 -0.46	23.40 0.27 -0.61	22.26 0.71 0.00	20.88 0.86 0.00
MCINTYRE_115KV_TB2 80467	17.31 -0.17 0.00	15.56 -0.13 0.00	13.83 -0.10 0.00	13.37 -0.09 0.00	14.15 -0.10 0.00	17.02 -0.09 0.00	22.46 -0.07 0.00	24.20 0.14 0.00	24.09 0.21 0.00	23.83 0.12 0.00	25.81 0.10 0.00	25.22 -0.03 0.00	22.90 -0.05 0.00	22.82 -0.07 0.00	22.98 -0.12 0.00	24.89 -0.13 0.00	24.32 -0.10 0.00	24.84 -0.05 0.00	24.62 0.02 0.00	28.69 0.00 0.00	26.16 0.00 0.00	22.66 0.14 0.00	21.68 0.13 0.00	20.12 0.10 0.00
MECO____69_KV_BK1 80468	19.43 1.94 0.00	17.39 1.71 0.00	15.42 1.49 0.00	14.86 1.40 0.00	15.94 1.70 0.00	19.29 2.19 0.00	25.75 3.22 0.00	28.47 3.17 -1.24	30.18 3.03 -3.28	29.91 2.92 -3.28	29.00 3.29 0.00	28.35 3.11 0.00	26.90 2.59 -1.36	26.75 2.66 -1.20	26.92 2.61 -1.21	28.23 2.98 -0.24	31.91 2.86 -4.63	35.94 3.14 -7.92	39.47 3.10 -11.78	39.58 3.73 -7.16	32.70 3.50 -3.04	29.39 2.88 -3.99	24.25 2.69 0.00	22.22 2.20 0.00
MENANDS_115KV_TB5 355628	17.99 0.51 0.00	16.09 0.41 0.00	14.35 0.42 0.00	13.84 0.38 0.00	14.66 0.41 0.00	17.60 0.50 0.00	23.18 0.65 0.00	26.03 0.77 -1.21	27.79 0.74 -3.18	27.63 0.74 -3.19	26.53 0.82 0.00	26.08 0.83 0.00	24.97 0.71 -1.32	24.79 0.73 -1.17	25.01 0.74 -1.17	26.07 0.83 -0.23	29.69 0.78 -4.49	33.39 0.82 -7.69	36.84 0.81 -11.44	36.59 0.95 -6.95	29.99 0.89 -2.95	27.11 0.72 -3.87	22.16 0.60 0.00	20.44 0.42 0.00
MG INDUSTRY__DRP 24185	18.08 0.59 0.00	16.18 0.50 0.00	14.40 0.47 0.00	13.91 0.44 0.00	14.73 0.48 0.00	17.68 0.58 0.00	23.32 0.79 0.00	26.10 0.87 -1.18	27.80 0.81 -3.11	27.63 0.81 -3.12	26.63 0.93 0.00	26.16 0.91 0.00	25.02 0.78 -1.29	24.81 0.78 -1.14	25.03 0.79 -1.15	26.14 0.90 -0.22	29.67 0.85 -4.40	33.28 0.87 -7.52	36.67 0.89 -11.19	36.52 1.03 -6.80	30.01 0.97 -2.88	27.12 0.81 -3.79	22.26 0.71 0.00	20.54 0.52 0.00
MID__OSWEGATCHIE_HYD 23849	17.31 -0.17 0.00	15.56 -0.13 0.00	13.82 -0.11 0.00	13.35 -0.11 0.00	14.16 -0.09 0.00	17.05 -0.05 0.00	22.48 -0.05 0.00	24.17 0.10 -0.02	24.08 0.14 -0.06	23.85 0.07 -0.06	25.76 0.05 0.00	25.20 -0.05 0.00	22.88 -0.09 -0.03	22.78 -0.14 -0.02	22.94 -0.18 -0.02	24.85 -0.18 0.00	24.36 -0.15 -0.09	24.92 -0.12 -0.15	24.75 -0.07 -0.23	26.14 -0.06 -0.14	22.69 -0.08 -0.06	21.62 -0.08 0.00	20.06 0.06 0.00	
MID__RAQUETTE_HYD 23851	17.14 -0.35 0.00	15.40 -0.28 0.00	13.71 -0.22 0.00	13.23 -0.23 0.00	14.05 -0.20 0.00	16.88 -0.22 0.00	22.28 -0.25 0.00	23.93 -0.12 0.00	23.85 -0.02 0.00	23.64 -0.07 0.00	25.58 -0.13 0.00	25.05 -0.20 0.00	22.74 -0.21 0.00	22.66 -0.23 0.00	22.75 -0.35 0.00	24.62 -0.40 0.00	24.01 -0.42 0.00	24.49 -0.40 0.00	24.22 -0.37 0.00	28.23 -0.46 0.00	25.76 -0.39 0.00	22.41 -0.11 0.00	21.47 -0.09 0.00	19.94 -0.08 0.00
MILLIKEN__1 23584	17.94 0.45 0.00	16.12 0.44 0.00	14.29 0.36 0.00	13.84 0.38 0.00	14.66 0.41 0.00	17.62 0.51 0.00	23.20 0.68 0.00	24.87 0.63 -0.19	24.94 0.57 -0.50	24.76 0.55 -0.50	26.43 0.72 0.00	25.96 0.71 0.00	23.68 0.53 -0.21	23.60 0.53 -0.18	23.83 0.55 -0.18	25.73 0.68 -0.04	25.73 0.61 -0.70	26.74 0.65 -1.20	27.07 0.69 -1.79	30.64 0.86 -1.09	27.40 0.78 -0.46	23.76 0.63 -0.61	22.20 0.65 0.00	20.62 0.60 0.00
MILLIKEN__2 23585	17.94 0.45 0.00	16.12 0.44 0.00	14.29 0.36 0.00	13.84 0.38 0.00	14.66 0.41 0.00	17.62 0.51 0.00	23.20 0.68 0.00	24.87 0.63 -0.19	24.94 0.57 -0.50	24.76 0.55 -0.50	26.43 0.72 0.00	25.96 0.71 0.00	23.68 0.53 -0.21	23.60 0.53 -0.18	23.83 0.55 -0.18	25.73 0.68 -0.04	25.73 0.61 -0.70	26.74 0.65 -1.20	27.07 0.69 -1.79	30.64 0.86 -1.09	27.40 0.78 -0.46	23.76 0.63 -0.61	22.20 0.65 0.00	20.62 0.60 0.00
MILLIKEN__DIESEL 23629	17.94 0.45 0.00	16.12 0.44 0.00	14.29 0.36 0.00	13.84 0.38 0.00	14.66 0.41 0.00	17.62 0.51 0.00	23.20 0.68 0.00	24.87 0.63 -0.19	24.94 0.57 -0.50	24.76 0.55 -0.50	26.43 0.72 0.00	25.96 0.71 0.00	23.68 0.53 -0.21	23.60 0.53 -0.18	23.83 0.55 -0.18	25.73 0.68 -0.04	25.73 0.61 -0.70	26.74 0.65 -1.20	27.07 0.69 -1.79	30.64 0.86 -1.09	27.40 0.78 -0.46	23.76 0.63 -0.61	22.20 0.65 0.00	20.62 0.60 0.00

MILLSEAT___LFGE 323607	17.75 0.26 0.00	16.07 0.39 0.00	14.25 0.32 0.00	13.89 0.43 0.00	14.73 0.48 0.00	17.56 0.46 0.00	22.78 0.25 0.00	23.94 -0.24 -0.13	23.98 -0.24 -0.35	23.89 -0.16 -0.35	25.94 0.23 0.00	25.35 0.10 0.00	22.97 -0.11 -0.14	22.97 -0.05 -0.13	23.29 0.07 -0.13	25.29 0.25 -0.03	24.91 0.00 -0.49	25.75 0.02 -0.84	25.75 -0.10 -1.25	29.31 -0.14 -0.76	26.48 0.00 -0.32	22.77 -0.18 -0.42	21.53 -0.02 0.00	20.42 0.40 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	18.50 1.01 0.00	16.54 0.86 0.00	14.69 0.77 0.00	14.16 0.70 0.00	14.96 0.71 0.00	17.96 0.86 0.00	23.72 1.19 0.00	26.49 1.49 -0.95	27.92 1.55 -2.50	27.80 1.59 -2.50	27.43 1.72 0.00	26.97 1.72 0.00	25.56 1.58 -1.04	25.36 1.56 -0.92	25.59 1.57 -0.92	26.95 1.75 -0.18	29.56 1.61 -3.53	32.55 1.62 -6.04	35.13 1.55 -8.99	35.96 1.81 -5.46	30.04 1.57 -2.32	26.96 1.40 -3.04	22.84 1.29 0.00	21.04 1.02 0.00
MILLWOOD_13_KV_LOAD 356217	18.53 1.05 0.00	16.58 0.89 0.00	14.72 0.79 0.00	14.17 0.71 0.00	14.97 0.73 0.00	17.98 0.87 0.00	23.74 1.22 0.00	26.54 1.54 -0.95	28.00 1.62 -2.50	27.85 1.64 -2.50	27.48 1.77 0.00	27.04 1.79 0.00	25.61 1.63 -1.04	25.39 1.58 -0.92	25.64 1.62 -0.92	26.98 1.78 -0.18	29.61 1.66 -3.53	32.62 1.69 -6.04	35.21 1.62 -8.99	36.05 1.89 -5.46	30.10 1.62 -2.32	26.99 1.42 -3.04	22.87 1.31 0.00	21.06 1.04 0.00
MODEL_CITY_ENERGY 24167	17.42 -0.07 0.00	15.79 0.11 0.00	14.01 0.08 0.00	13.68 0.21 0.00	14.49 0.24 0.00	17.24 0.14 0.00	22.21 -0.32 0.00	23.18 -1.01 -0.14	23.26 -0.98 -0.37	23.18 -0.90 -0.37	25.20 -0.51 0.00	24.67 -0.58 0.00	22.34 -0.76 -0.15	22.31 -0.71 -0.13	22.58 -0.65 -0.14	24.55 -0.50 -0.03	24.13 -0.81 -0.52	24.97 -0.80 -0.89	24.98 -0.93 -1.32	28.29 -1.20 -0.80	25.61 -0.89 -0.34	22.07 -0.90 -0.45	20.93 -0.63 0.00	19.94 -0.08 0.00
MODERN_LFGE___ 323580	17.42 -0.07 0.00	15.79 0.11 0.00	14.01 0.08 0.00	13.68 0.21 0.00	14.49 0.24 0.00	17.24 0.14 0.00	22.21 -0.32 0.00	23.18 -1.01 -0.14	23.26 -0.98 -0.37	23.18 -0.90 -0.37	25.20 -0.51 0.00	24.67 -0.58 0.00	22.34 -0.76 -0.15	22.31 -0.71 -0.13	22.58 -0.65 -0.14	24.55 -0.50 -0.03	24.13 -0.81 -0.52	24.97 -0.80 -0.89	24.98 -0.93 -1.32	28.29 -1.20 -0.80	25.61 -0.89 -0.34	22.07 -0.90 -0.45	20.93 -0.63 0.00	19.94 -0.08 0.00
MOHAWK_PAPER___DRP 24187	18.10 0.61 0.00	16.18 0.50 0.00	14.42 0.49 0.00	13.91 0.44 0.00	14.74 0.50 0.00	17.70 0.60 0.00	23.34 0.81 0.00	26.20 0.94 -1.21	27.97 0.91 -3.19	27.78 0.88 -3.19	26.71 1.00 0.00	26.26 1.01 0.00	25.11 0.85 -1.32	24.93 0.87 -1.17	25.15 0.88 -1.18	26.25 1.00 -0.23	29.85 0.93 -4.50	33.58 1.00 -7.70	37.03 0.98 -11.45	36.80 1.15 -6.96	30.18 1.07 -2.95	27.28 0.88 -3.87	22.31 0.75 0.00	20.56 0.54 0.00
MOHICAN___35_KV_115KV_LD 80490	18.83 1.35 0.00	16.83 1.14 0.00	14.95 1.02 0.00	14.42 0.96 0.00	15.36 1.11 0.00	18.54 1.44 0.00	24.44 1.91 0.00	27.23 1.95 -1.23	29.03 1.91 -3.25	28.82 1.85 -3.26	27.82 2.11 0.00	27.32 2.07 0.00	25.99 1.70 -1.35	25.82 1.74 -1.19	26.05 1.76 -1.20	27.05 1.80 -0.23	30.72 1.71 -4.59	34.58 1.84 -7.86	38.00 1.72 -11.69	37.86 2.07 -7.10	31.29 2.12 -3.01	28.17 1.69 -3.95	23.19 1.64 0.00	21.32 1.30 0.00
MONGAUP___HYD 23641	18.34 0.86 0.00	16.43 0.75 0.00	14.58 0.65 0.00	14.05 0.59 0.00	14.86 0.61 0.00	17.82 0.72 0.00	23.54 1.01 0.00	26.05 1.18 -0.82	27.24 1.19 -2.17	27.10 1.21 -2.18	26.94 1.23 0.00	26.44 1.19 0.00	24.95 1.10 -0.90	24.79 1.10 -0.80	25.05 1.15 -0.80	26.53 1.35 -0.16	28.71 1.22 -3.07	31.33 1.19 -5.25	33.46 1.06 -7.81	34.56 1.12 -4.75	29.48 1.31 -2.01	26.25 1.08 -2.64	22.59 1.03 0.00	20.84 0.82 0.00
MONTAUK___DIESEL 23721	20.02 2.54 0.00	17.89 2.21 0.00	15.84 1.91 0.00	15.21 1.75 0.00	16.08 1.84 0.00	19.51 2.41 0.00	25.52 3.00 0.00	28.67 3.66 -0.96	30.31 3.89 -2.55	30.17 3.91 -2.55	29.79 4.06 -0.02	30.12 4.04 -0.83	28.46 3.60 -1.92	28.73 3.59 -2.25	29.19 3.63 -2.47	30.60 4.08 -1.50	31.86 3.83 -3.61	35.08 4.01 -6.18	41.03 3.89 -12.56	42.73 4.50 -9.54	32.59 4.03 -2.41	29.15 3.33 -3.29	24.81 3.25 0.00	22.84 2.82 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	18.34 0.86 0.00	16.65 0.97 0.00	14.69 0.77 0.00	14.26 0.79 0.00	15.11 0.87 0.00	18.06 0.96 0.00	23.47 0.95 0.00	24.14 -0.07 -0.16	24.22 -0.07 -0.42	24.20 0.07 -0.42	26.76 1.05 0.00	26.41 1.16 0.00	23.35 0.23 -0.17	23.23 0.18 -0.15	23.55 0.30 -0.15	26.08 1.03 -0.03	25.18 0.17 -0.59	26.10 0.20 -1.01	26.20 0.10 -1.51	29.55 -0.06 -0.92	26.57 0.03 -0.39	22.92 -0.11 -0.51	22.18 0.62 0.00	20.96 0.94 0.00
MORTIMER_115KV_TB3 55949	17.54 0.05 0.00	15.81 0.13 0.00	14.00 0.07 0.00	13.62 0.16 0.00	14.42 0.17 0.00	17.26 0.15 0.00	22.59 0.07 0.00	24.28 0.12 -0.11	24.26 0.10 -0.29	24.12 0.12 -0.29	25.66 -0.05 0.00	25.22 -0.03 0.00	23.23 0.16 -0.12	23.20 0.21 -0.11	23.48 0.28 -0.11	25.22 0.18 -0.02	25.13 0.29 -0.42	25.90 0.30 -0.71	25.87 0.22 -1.06	29.62 0.29 -0.64	26.74 0.31 -0.27	22.97 0.09 -0.36	21.47 -0.09 0.00	20.16 0.14 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	18.62 1.14 0.00	16.64 0.96 0.00	14.78 0.85 0.00	14.23 0.77 0.00	15.04 0.80 0.00	18.06 0.96 0.00	23.88 1.35 0.00	26.72 1.71 -0.96	28.17 1.77 -2.54	28.05 1.80 -2.54	27.66 1.95 0.00	27.22 1.97 0.00	25.81 1.81 -1.05	25.63 1.81 -0.93	25.83 1.80 -0.94	27.18 1.98 -0.18	29.81 1.81 -3.58	32.80 1.79 -6.12	35.40 1.70 -9.11	36.21 1.98 -5.53	30.20 1.70 -2.35	27.16 1.55 -3.08	23.02 1.47 0.00	21.20 1.18 0.00
MUNSVILLE_WIND_PWR 323609	18.78 1.29 0.00	16.91 1.22 0.00	14.97 1.05 0.00	14.47 1.01 0.00	15.33 1.08 0.00	18.56 1.45 0.00	24.37 1.85 0.00	26.35 2.00 -0.30	26.58 1.91 -0.80	26.27 1.75 -0.80	27.89 2.18 0.00	27.29 2.04 0.00	24.88 1.61 -0.33	24.78 1.60 -0.29	25.08 1.69 -0.30	27.13 2.05 -0.06	27.48 1.93 -1.13	28.88 2.06 -1.93	29.60 2.14 -2.87	33.11 2.67 -1.75	29.20 2.30 -0.74	25.32 1.82 -0.97	23.36 1.81 0.00	21.62 1.60 0.00
N SALMON___HYD 24042	17.36 -0.12 0.00	15.64 -0.05 0.00	13.93 0.00 0.00	13.47 0.01 0.00	14.26 0.01 0.00	17.12 0.02 0.00	22.62 0.09 0.00	24.05 0.00 0.00	24.09 0.21 0.00	23.88 0.17 0.00	25.84 0.13 0.00	25.25 0.00 0.00	22.90 -0.05 0.00	22.75 -0.14 0.00	22.84 -0.25 0.00	24.67 -0.35 0.00	24.35 -0.07 0.00	24.94 0.05 0.00	24.72 0.12 0.00	28.72 0.03 0.00	26.21 0.05 0.00	22.66 0.14 0.00	21.57 0.02 0.00	20.02 0.00 0.00
N.AKRON___115KV_KNAPP 355671	17.76 0.28 0.00	16.09 0.41 0.00	14.26 0.33 0.00	13.91 0.44 0.00	14.74 0.50 0.00	17.58 0.48 0.00	22.77 0.25 0.00	23.92 -0.26 -0.13	23.98 -0.24 -0.35	23.87 -0.19 -0.35	25.76 0.05 0.00	25.38 0.13 0.00	22.97 -0.11 -0.15	22.97 -0.05 -0.13	23.27 0.05 -0.13	25.29 0.25 -0.03	24.92 0.00 -0.50	25.73 0.00 -0.85	25.73 -0.12 -1.26	29.29 -0.17 -0.77	26.45 -0.03 -0.32	22.70 -0.25 -0.43	21.51 -0.04 0.00	20.42 0.40 0.00

N.BELMOR_69_KV_BK1 55787	19.01 1.52 0.00	16.97 1.29 0.00	15.03 1.10 0.00	14.46 1.00 0.00	15.28 1.04 0.00	18.49 1.39 0.00	24.26 1.73 0.00	27.15 2.14 -0.96	28.65 2.24 -2.54	28.53 2.28 -2.54	28.12 2.39 -0.02	28.48 2.40 -0.83	27.04 2.18 -1.92	27.29 2.15 -2.25	27.76 2.19 -2.47	28.94 2.43 -1.49	30.26 2.25 -3.60	33.35 2.34 -6.13	35.97 2.26 -9.12	36.87 2.64 -5.54	30.83 2.33 -2.35	27.80 1.98 -3.29	23.51 1.96 0.00	21.66 1.64 0.00
N.E_GEN_SANDY PD 24062	18.24 0.75 0.00	16.31 0.63 0.00	14.50 0.57 0.00	14.00 0.54 0.00	14.80 0.56 0.00	17.75 0.65 0.00	23.40 0.88 0.00	26.26 1.11 -1.10	27.88 1.10 -2.91	27.71 1.09 -2.91	26.87 1.16 0.00	26.46 1.21 0.00	25.23 1.08 -1.21	25.03 1.08 -1.07	25.26 1.09 -1.07	26.43 1.20 -0.21	29.70 1.17 -4.11	33.13 1.22 -7.03	36.25 1.20 -10.46	36.42 1.38 -6.35	30.08 1.23 -2.69	27.12 1.06 -3.54	22.54 0.99 0.00	20.70 0.68 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	18.46 0.98 0.00	16.53 0.85 0.00	14.67 0.74 0.00	14.13 0.67 0.00	14.94 0.70 0.00	17.94 0.84 0.00	23.68 1.15 0.00	26.37 1.42 -0.90	27.72 1.48 -2.37	27.60 1.52 -2.37	27.35 1.65 0.00	26.89 1.64 0.00	25.44 1.51 -0.98	25.25 1.49 -0.87	25.50 1.52 -0.88	26.87 1.68 -0.17	29.31 1.54 -3.35	32.16 1.54 -5.73	34.61 1.50 -8.52	35.62 1.75 -5.18	29.87 1.52 -2.20	26.71 1.31 -2.88	22.78 1.23 0.00	21.00 0.98 0.00
N.QUEENS_27_KV_LOAD 356247	18.80 1.31 -0.01	16.83 1.14 -0.01	14.95 1.02 -0.01	14.40 0.93 -0.01	15.21 0.95 -0.01	18.27 1.16 -0.01	24.07 1.53 -0.01	26.90 1.88 -0.97	28.35 1.93 -2.54	28.22 1.97 -2.55	27.85 2.13 -0.01	27.35 2.10 -0.01	25.95 1.95 -1.06	25.75 1.92 -0.94	25.98 1.94 -0.94	27.34 2.13 -0.19	29.99 1.98 -3.59	32.98 1.97 -6.13	35.63 1.92 -9.12	36.44 2.21 -5.54	30.30 1.78 -2.36	27.35 1.73 -3.09	23.22 1.66 -0.01	21.43 1.40 -0.01
N.TROY___115KV_TB1 355778	18.24 0.75 0.00	16.31 0.63 0.00	14.51 0.59 0.00	14.01 0.55 0.00	14.84 0.60 0.00	17.82 0.72 0.00	23.52 0.99 0.00	26.40 1.13 -1.22	28.18 1.10 -3.21	27.99 1.07 -3.21	26.92 1.21 0.00	26.46 1.21 0.00	25.31 1.03 -1.33	25.12 1.05 -1.18	25.34 1.06 -1.18	26.40 1.15 -0.23	30.08 1.12 -4.53	33.83 1.19 -7.75	37.31 1.18 -11.54	37.08 1.38 -7.01	30.41 1.28 -2.97	27.49 1.06 -3.90	22.48 0.93 0.00	20.72 0.70 0.00
NARROWS_GT1_1 24228	18.73 1.24 -0.01	16.72 1.03 -0.01	14.86 0.92 -0.01	14.30 0.83 -0.01	15.11 0.85 -0.01	18.14 1.03 -0.01	24.00 1.46 -0.01	26.85 1.83 -0.97	28.33 1.91 -2.54	30.30 1.97 -4.62	27.77 2.06 -0.01	27.45 2.14 -0.06	27.42 1.97 -2.51	27.45 1.97 -2.59	27.42 1.96 -2.36	28.40 2.15 -1.23	30.01 2.00 -3.59	32.93 1.92 -6.13	35.55 1.85 -9.11	36.38 2.15 -5.53	30.20 1.70 -2.35	27.31 1.69 -3.09	23.22 1.66 -0.01	21.31 1.28 -0.01
NARROWS_GT1_2 24229	18.73 1.24 -0.01	16.72 1.03 -0.01	14.86 0.92 -0.01	14.30 0.83 -0.01	15.11 0.85 -0.01	18.14 1.03 -0.01	24.00 1.46 -0.01	26.85 1.83 -0.97	28.33 1.91 -2.54	30.30 1.97 -4.62	27.77 2.06 -0.01	27.45 2.14 -0.06	27.42 1.97 -2.51	27.45 1.97 -2.59	27.42 1.96 -2.36	28.40 2.15 -1.23	30.01 2.00 -3.59	32.93 1.92 -6.13	35.55 1.85 -9.11	36.38 2.15 -5.53	30.20 1.70 -2.35	27.31 1.69 -3.09	23.22 1.66 -0.01	21.31 1.28 -0.01
NARROWS_GT1_3 24230	18.73 1.24 -0.01	16.72 1.03 -0.01	14.86 0.92 -0.01	14.30 0.83 -0.01	15.11 0.85 -0.01	18.14 1.03 -0.01	24.00 1.46 -0.01	26.85 1.83 -0.97	28.33 1.91 -2.54	30.30 1.97 -4.62	27.77 2.06 -0.01	27.45 2.14 -0.06	27.42 1.97 -2.51	27.45 1.97 -2.59	27.42 1.96 -2.36	28.40 2.15 -1.23	30.01 2.00 -3.59	32.93 1.92 -6.13	35.55 1.85 -9.11	36.38 2.15 -5.53	30.20 1.70 -2.35	27.31 1.69 -3.09	23.22 1.66 -0.01	21.31 1.28 -0.01
NARROWS_GT1_4 24231	18.73 1.24 -0.01	16.72 1.03 -0.01	14.86 0.92 -0.01	14.30 0.83 -0.01	15.11 0.85 -0.01	18.14 1.03 -0.01	24.00 1.46 -0.01	26.85 1.83 -0.97	28.33 1.91 -2.54	30.30 1.97 -4.62	27.77 2.06 -0.01	27.45 2.14 -0.06	27.42 1.97 -2.51	27.45 1.97 -2.59	27.42 1.96 -2.36	28.40 2.15 -1.23	30.01 2.00 -3.59	32.93 1.92 -6.13	35.55 1.85 -9.11	36.38 2.15 -5.53	30.20 1.70 -2.35	27.31 1.69 -3.09	23.22 1.66 -0.01	21.31 1.28 -0.01
NARROWS_GT1_5 24232	18.73 1.24 -0.01	16.72 1.03 -0.01	14.86 0.92 -0.01	14.30 0.83 -0.01	15.11 0.85 -0.01	18.14 1.03 -0.01	24.00 1.46 -0.01	26.85 1.83 -0.97	28.33 1.91 -2.54	30.30 1.97 -4.62	27.77 2.06 -0.01	27.45 2.14 -0.06	27.42 1.97 -2.51	27.45 1.97 -2.59	27.42 1.96 -2.36	28.40 2.15 -1.23	30.01 2.00 -3.59	32.93 1.92 -6.13	35.55 1.85 -9.11	36.38 2.15 -5.53	30.20 1.70 -2.35	27.31 1.69 -3.09	23.22 1.66 -0.01	21.31 1.28 -0.01
NARROWS_GT1_6 24233	18.73 1.24 -0.01	16.72 1.03 -0.01	14.86 0.92 -0.01	14.30 0.83 -0.01	15.11 0.85 -0.01	18.14 1.03 -0.01	24.00 1.46 -0.01	26.85 1.83 -0.97	28.33 1.91 -2.54	30.30 1.97 -4.62	27.77 2.06 -0.01	27.45 2.14 -0.06	27.42 1.97 -2.51	27.45 1.97 -2.59	27.42 1.96 -2.36	28.40 2.15 -1.23	30.01 2.00 -3.59	32.93 1.92 -6.13	35.55 1.85 -9.11	36.38 2.15 -5.53	30.20 1.70 -2.35	27.31 1.69 -3.09	23.22 1.66 -0.01	21.31 1.28 -0.01
NARROWS_GT1_7 24234	18.73 1.24 -0.01	16.72 1.03 -0.01	14.86 0.92 -0.01	14.30 0.83 -0.01	15.11 0.85 -0.01	18.14 1.03 -0.01	24.00 1.46 -0.01	26.85 1.83 -0.97	28.33 1.91 -2.54	30.30 1.97 -4.62	27.77 2.06 -0.01	27.45 2.14 -0.06	27.42 1.97 -2.51	27.45 1.97 -2.59	27.42 1.96 -2.36	28.40 2.15 -1.23	30.01 2.00 -3.59	32.93 1.92 -6.13	35.55 1.85 -9.11	36.38 2.15 -5.53	30.20 1.70 -2.35	27.31 1.69 -3.09	23.22 1.66 -0.01	21.31 1.28 -0.01
NARROWS_GT1_8 24235	18.73 1.24 -0.01	16.72 1.03 -0.01	14.86 0.92 -0.01	14.30 0.83 -0.01	15.11 0.85 -0.01	18.14 1.03 -0.01	24.00 1.46 -0.01	26.85 1.83 -0.97	28.33 1.91 -2.54	30.30 1.97 -4.62	27.77 2.06 -0.01	27.45 2.14 -0.06	27.42 1.97 -2.51	27.45 1.97 -2.59	27.42 1.96 -2.36	28.40 2.15 -1.23	30.01 2.00 -3.59	32.93 1.92 -6.13	35.55 1.85 -9.11	36.38 2.15 -5.53	30.20 1.70 -2.35	27.31 1.69 -3.09	23.22 1.66 -0.01	21.31 1.28 -0.01
NARROWS_GT2_1 24236	18.73 1.24 -0.01	16.72 1.03 -0.01	14.86 0.92 -0.01	14.30 0.83 -0.01	15.11 0.85 -0.01	18.14 1.03 -0.01	24.00 1.46 -0.01	26.85 1.83 -0.97	28.33 1.91 -2.54	30.30 1.97 -4.62	27.77 2.06 -0.01	27.45 2.14 -0.06	27.42 1.97 -2.51	27.45 1.97 -2.59	27.42 1.96 -2.36	28.40 2.15 -1.23	30.01 2.00 -3.59	32.93 1.92 -6.13	35.55 1.85 -9.11	36.38 2.15 -5.53	30.20 1.70 -2.35	27.31 1.69 -3.09	23.22 1.66 -0.01	21.31 1.28 -0.01
NARROWS_GT2_2 24237	18.73 1.24 -0.01	16.72 1.03 -0.01	14.86 0.92 -0.01	14.30 0.83 -0.01	15.11 0.85 -0.01	18.14 1.03 -0.01	24.00 1.46 -0.01	26.85 1.83 -0.97	28.33 1.91 -2.54	30.30 1.97 -4.62	27.77 2.06 -0.01	27.45 2.14 -0.06	27.42 1.97 -2.51	27.45 1.97 -2.59	27.42 1.96 -2.36	28.40 2.15 -1.23	30.01 2.00 -3.59	32.93 1.92 -6.13	35.55 1.85 -9.11	36.38 2.15 -5.53	30.20 1.70 -2.35	27.31 1.69 -3.09	23.22 1.66 -0.01	21.31 1.28 -0.01

NARROWS_GT2_3 24238	18.73 1.24 -0.01	16.72 1.03 -0.01	14.86 0.92 -0.01	14.30 0.83 -0.01	15.11 0.85 -0.01	18.14 1.03 -0.01	24.00 1.46 -0.01	26.85 1.83 -0.97	28.33 1.91 -2.54	30.30 1.97 -4.62	27.77 2.06 -0.01	27.45 2.14 -0.06	27.42 1.97 -2.51	27.45 1.97 -2.59	27.42 1.96 -2.36	28.40 2.15 -1.23	30.01 2.00 -3.59	32.93 1.92 -6.13	35.55 1.85 -9.11	36.38 2.15 -5.53	30.20 1.70 -2.35	27.31 1.69 -3.09	23.22 1.66 -0.01	21.31 1.28 -0.01
NARROWS_GT2_4 24239	18.73 1.24 -0.01	16.72 1.03 -0.01	14.86 0.92 -0.01	14.30 0.83 -0.01	15.11 0.85 -0.01	18.14 1.03 -0.01	24.00 1.46 -0.01	26.85 1.83 -0.97	28.33 1.91 -2.54	30.30 1.97 -4.62	27.77 2.06 -0.01	27.45 2.14 -0.06	27.42 1.97 -2.51	27.45 1.97 -2.59	27.42 1.96 -2.36	28.40 2.15 -1.23	30.01 2.00 -3.59	32.93 1.92 -6.13	35.55 1.85 -9.11	36.38 2.15 -5.53	30.20 1.70 -2.35	27.31 1.69 -3.09	23.22 1.66 -0.01	21.31 1.28 -0.01
NARROWS_GT2_5 24240	18.73 1.24 -0.01	16.72 1.03 -0.01	14.86 0.92 -0.01	14.30 0.83 -0.01	15.11 0.85 -0.01	18.14 1.03 -0.01	24.00 1.46 -0.01	26.85 1.83 -0.97	28.33 1.91 -2.54	30.30 1.97 -4.62	27.77 2.06 -0.01	27.45 2.14 -0.06	27.42 1.97 -2.51	27.45 1.97 -2.59	27.42 1.96 -2.36	28.40 2.15 -1.23	30.01 2.00 -3.59	32.93 1.92 -6.13	35.55 1.85 -9.11	36.38 2.15 -5.53	30.20 1.70 -2.35	27.31 1.69 -3.09	23.22 1.66 -0.01	21.31 1.28 -0.01
NARROWS_GT2_6 24241	18.73 1.24 -0.01	16.72 1.03 -0.01	14.86 0.92 -0.01	14.30 0.83 -0.01	15.11 0.85 -0.01	18.14 1.03 -0.01	24.00 1.46 -0.01	26.85 1.83 -0.97	28.33 1.91 -2.54	30.30 1.97 -4.62	27.77 2.06 -0.01	27.45 2.14 -0.06	27.42 1.97 -2.51	27.45 1.97 -2.59	27.42 1.96 -2.36	28.40 2.15 -1.23	30.01 2.00 -3.59	32.93 1.92 -6.13	35.55 1.85 -9.11	36.38 2.15 -5.53	30.20 1.70 -2.35	27.31 1.69 -3.09	23.22 1.66 -0.01	21.31 1.28 -0.01
NARROWS_GT2_7 24242	18.73 1.24 -0.01	16.72 1.03 -0.01	14.86 0.92 -0.01	14.30 0.83 -0.01	15.11 0.85 -0.01	18.14 1.03 -0.01	24.00 1.46 -0.01	26.85 1.83 -0.97	28.33 1.91 -2.54	30.30 1.97 -4.62	27.77 2.06 -0.01	27.45 2.14 -0.06	27.42 1.97 -2.51	27.45 1.97 -2.59	27.42 1.96 -2.36	28.40 2.15 -1.23	30.01 2.00 -3.59	32.93 1.92 -6.13	35.55 1.85 -9.11	36.38 2.15 -5.53	30.20 1.70 -2.35	27.31 1.69 -3.09	23.22 1.66 -0.01	21.31 1.28 -0.01
NARROWS_GT2_8 24243	18.73 1.24 -0.01	16.72 1.03 -0.01	14.86 0.92 -0.01	14.30 0.83 -0.01	15.11 0.85 -0.01	18.14 1.03 -0.01	24.00 1.46 -0.01	26.85 1.83 -0.97	28.33 1.91 -2.54	30.30 1.97 -4.62	27.77 2.06 -0.01	27.45 2.14 -0.06	27.42 1.97 -2.51	27.45 1.97 -2.59	27.42 1.96 -2.36	28.40 2.15 -1.23	30.01 2.00 -3.59	32.93 1.92 -6.13	35.55 1.85 -9.11	36.38 2.15 -5.53	30.20 1.70 -2.35	27.31 1.69 -3.09	23.22 1.66 -0.01	21.31 1.28 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	18.22 0.73 0.00	16.31 0.63 0.00	14.54 0.61 0.00	14.03 0.57 0.00	14.87 0.63 0.00	17.84 0.74 0.00	23.59 1.06 0.00	26.19 1.01 -1.13	27.80 0.95 -2.97	27.59 0.90 -2.98	26.81 1.11 0.00	26.31 1.06 0.00	24.93 0.76 -1.23	24.74 0.76 -1.09	25.00 0.81 -1.10	26.28 1.05 -0.21	29.50 0.88 -4.20	33.09 1.02 -7.18	36.33 1.06 -10.68	36.44 1.26 -6.49	30.09 1.18 -2.75	27.02 0.88 -3.61	22.41 0.86 0.00	20.68 0.66 0.00
NCHELSEA_115KV_TR2 355582	18.52 1.03 0.00	16.56 0.88 0.00	14.71 0.78 0.00	14.17 0.71 0.00	14.97 0.73 0.00	17.94 0.84 0.00	23.72 1.19 0.00	26.47 1.47 -0.96	27.92 1.53 -2.52	27.80 1.56 -2.53	27.38 1.67 0.00	26.92 1.67 0.00	25.50 1.51 -1.05	25.28 1.46 -0.93	25.55 1.52 -0.93	26.90 1.70 -0.18	29.52 1.54 -3.56	32.58 1.59 -6.10	35.24 1.57 -9.07	36.04 1.84 -5.51	30.09 1.60 -2.34	26.94 1.35 -3.07	22.80 1.25 0.00	21.04 1.02 0.00
NEG CAPITAL___MECHNVIL 23645	18.53 1.05 0.00	16.58 0.89 0.00	14.72 0.79 0.00	14.20 0.74 0.00	15.10 0.85 0.00	18.16 1.06 0.00	24.01 1.49 0.00	26.84 1.56 -1.23	28.64 1.53 -3.24	28.42 1.47 -3.24	27.36 1.65 0.00	26.92 1.67 0.00	25.66 1.38 -1.34	25.50 1.42 -1.19	25.72 1.43 -1.20	26.80 1.55 -0.23	30.48 1.49 -4.57	34.33 1.62 -7.82	37.78 1.55 -11.64	37.60 1.84 -7.07	30.91 1.75 -3.00	27.91 1.44 -3.94	22.91 1.36 0.00	21.04 1.02 0.00
NEG CENTRAL_HIGH_ACRES 23767	17.20 -0.28 0.00	15.49 -0.19 0.00	13.73 -0.20 0.00	13.34 -0.12 0.00	14.13 -0.11 0.00	16.93 -0.17 0.00	22.23 -0.29 0.00	23.87 -0.29 -0.11	23.87 -0.29 -0.29	23.72 -0.28 -0.29	25.35 -0.36 0.00	24.84 -0.40 0.00	22.81 -0.25 -0.12	22.79 -0.21 -0.11	23.04 -0.16 -0.11	24.77 -0.27 -0.02	24.68 -0.15 -0.41	25.43 -0.15 -0.70	25.43 -0.20 -1.04	29.12 -0.20 -0.63	26.29 -0.13 -0.27	22.63 -0.25 -0.35	21.14 -0.41 0.00	19.78 -0.24 0.00
NEG CENTRAL___DRP 24199	17.68 0.19 0.00	15.90 0.22 0.00	14.10 0.17 0.00	13.66 0.20 0.00	14.50 0.26 0.00	17.41 0.31 0.00	22.91 0.38 0.00	24.41 0.24 -0.12	24.41 0.21 -0.32	24.25 0.21 -0.32	26.07 0.36 0.00	25.60 0.35 0.00	23.28 0.21 -0.13	23.24 0.23 -0.12	23.45 0.23 -0.12	25.39 0.35 -0.02	25.17 0.29 -0.45	25.96 0.30 -0.77	26.07 0.32 -1.15	29.74 0.34 -0.70	26.85 0.39 -0.30	23.16 0.25 -0.39	21.83 0.28 0.00	20.34 0.32 0.00
NEG CENTRAL___INDECK 23768	18.20 0.72 0.00	16.43 0.75 0.00	14.53 0.60 0.00	14.15 0.69 0.00	15.00 0.75 0.00	17.97 0.87 0.00	23.59 1.06 0.00	25.10 0.89 -0.16	25.13 0.84 -0.42	24.89 0.76 -0.42	26.79 1.08 0.00	26.16 0.91 0.00	23.60 0.48 -0.17	23.71 0.66 -0.15	24.01 0.76 -0.15	26.08 1.03 -0.03	25.99 0.98 -0.59	26.99 1.09 -1.01	27.18 1.08 -1.51	31.01 1.41 -0.92	27.85 1.31 -0.39	23.91 0.88 -0.51	22.44 0.88 0.00	21.00 0.98 0.00
NEG CENTRAL___SENECA 23627	17.80 0.31 0.00	16.03 0.35 0.00	14.18 0.25 0.00	13.77 0.31 0.00	14.62 0.37 0.00	17.55 0.44 0.00	23.07 0.54 0.00	24.57 0.38 -0.13	24.56 0.33 -0.35	24.42 0.36 -0.35	26.27 0.57 0.00	25.80 0.56 0.00	23.43 0.34 -0.15	23.38 0.37 -0.13	23.62 0.39 -0.13	25.59 0.55 -0.03	25.36 0.44 -0.50	26.21 0.47 -0.85	26.33 0.47 -1.27	29.95 0.49 -0.77	27.03 0.55 -0.33	23.31 0.36 -0.43	21.96 0.41 0.00	20.48 0.46 0.00
NEG CENTRAL___STATE_STREET 24147	17.73 0.24 0.00	15.92 0.24 0.00	14.12 0.20 0.00	13.68 0.22 0.00	14.49 0.24 0.00	17.41 0.31 0.00	22.96 0.43 0.00	24.51 0.34 -0.12	24.47 0.29 -0.32	24.36 0.33 -0.32	26.15 0.44 0.00	25.68 0.43 0.00	23.40 0.32 -0.13	23.35 0.34 -0.12	23.56 0.35 -0.12	25.44 0.40 -0.02	25.26 0.39 -0.45	26.05 0.40 -0.77	26.15 0.42 -1.14	29.90 0.52 -0.69	26.92 0.47 -0.29	23.27 0.36 -0.39	21.92 0.37 0.00	20.38 0.36 0.00
NEG MILLWOOD___DRP 24198	18.59 1.10 0.00	16.62 0.94 0.00	14.76 0.84 0.00	14.21 0.75 0.00	15.00 0.75 0.00	17.98 0.87 0.00	23.81 1.28 0.00	26.64 1.61 -0.98	28.17 1.72 -2.58	28.05 1.75 -2.58	27.59 1.88 0.00	27.09 1.84 0.00	25.69 1.67 -1.07	25.41 1.58 -0.95	25.69 1.64 -0.95	27.06 1.85 -0.19	29.77 1.71 -3.64	32.93 1.82 -6.23	35.61 1.75 -9.27	36.39 2.07 -5.63	30.32 1.78 -2.39	27.15 1.49 -3.14	22.91 1.36 0.00	21.12 1.10 0.00

NEG NORTH_FLCN_SEA 23793	17.45 -0.03 0.00	15.73 0.05 0.00	14.01 0.08 0.00	13.57 0.11 0.00	14.36 0.11 0.00	17.24 0.14 0.00	22.75 0.23 0.00	23.88 -0.17 0.00	23.92 0.05 0.00	23.73 0.02 0.00	25.68 -0.03 0.00	25.07 -0.18 0.00	22.74 -0.21 0.00	22.59 -0.30 0.00	22.68 -0.42 0.00	24.47 -0.55 0.00	24.45 0.02 0.00	25.04 0.15 0.00	24.81 0.22 0.00	28.84 0.14 0.00	26.31 0.16 0.00	22.71 0.18 0.00	21.66 0.11 0.00	20.04 0.02 0.00
NEG NORTH_KES_CHATEGAY 23792	17.28 -0.21 0.00	15.57 -0.11 0.00	13.87 -0.06 0.00	13.42 -0.04 0.00	14.20 -0.04 0.00	17.05 -0.05 0.00	22.50 -0.02 0.00	23.83 -0.22 0.00	23.82 -0.05 0.00	23.64 -0.07 0.00	25.58 -0.13 0.00	25.00 -0.25 0.00	22.67 -0.28 0.00	22.52 -0.37 0.00	22.61 -0.49 0.00	24.39 -0.63 0.00	24.18 -0.24 0.00	24.74 -0.15 0.00	24.54 -0.05 0.00	28.52 -0.17 0.00	26.00 -0.16 0.00	22.46 -0.07 0.00	21.42 -0.13 0.00	19.84 -0.18 0.00
NEG NORTH___ALICE_FALLS 23915	17.45 -0.03 0.00	15.73 0.05 0.00	14.01 0.08 0.00	13.57 0.11 0.00	14.36 0.11 0.00	17.24 0.14 0.00	22.75 0.23 0.00	23.98 -0.07 0.00	23.97 0.10 0.00	23.78 0.07 0.00	25.73 0.03 0.00	25.12 -0.13 0.00	22.78 -0.16 0.00	22.64 -0.25 0.00	22.73 -0.37 0.00	24.52 -0.50 0.00	24.40 -0.02 0.00	25.01 0.12 0.00	24.79 0.20 0.00	28.81 0.11 0.00	26.29 0.13 0.00	22.68 0.16 0.00	21.62 0.06 0.00	20.00 -0.02 0.00
NEG NORTH___LWR_SARANAC 23913	17.45 -0.03 0.00	15.73 0.05 0.00	14.01 0.08 0.00	13.57 0.11 0.00	14.36 0.11 0.00	17.24 0.14 0.00	22.75 0.23 0.00	23.98 -0.07 0.00	23.97 0.10 0.00	23.78 0.07 0.00	25.73 0.03 0.00	25.12 -0.13 0.00	22.78 -0.16 0.00	22.64 -0.25 0.00	22.73 -0.37 0.00	24.52 -0.50 0.00	24.40 -0.02 0.00	25.01 0.12 0.00	24.79 0.20 0.00	28.81 0.11 0.00	26.29 0.13 0.00	22.68 0.16 0.00	21.62 0.06 0.00	20.00 -0.02 0.00
NEG NORTH___PLATTSBURG 23628	17.45 -0.03 0.00	15.73 0.05 0.00	14.01 0.08 0.00	13.57 0.11 0.00	14.36 0.11 0.00	17.24 0.14 0.00	22.75 0.23 0.00	23.98 -0.07 0.00	23.97 0.10 0.00	23.78 0.07 0.00	25.73 0.03 0.00	25.12 -0.13 0.00	22.78 -0.16 0.00	22.64 -0.25 0.00	22.73 -0.37 0.00	24.52 -0.50 0.00	24.40 -0.02 0.00	25.01 0.13 0.00	24.79 0.20 0.00	28.81 0.12 0.00	26.29 0.13 0.00	22.68 0.16 0.00	21.57 0.02 0.00	20.00 -0.02 0.00
NEG WEST_LEA_LOCKPORT 23791	17.57 0.09 0.00	15.93 0.25 0.00	14.12 0.20 0.00	13.77 0.31 0.00	14.60 0.36 0.00	17.39 0.29 0.00	22.48 -0.05 0.00	23.44 -0.75 -0.14	23.52 -0.72 -0.36	23.46 -0.62 -0.36	25.32 -0.39 0.00	25.00 -0.25 0.00	22.61 -0.48 -0.15	22.56 -0.46 -0.13	22.86 -0.37 -0.13	24.87 -0.18 -0.03	24.42 -0.51 -0.51	25.22 -0.55 -0.88	25.26 -0.64 -1.30	28.62 -0.86 -0.79	25.89 -0.60 -0.34	22.29 -0.68 -0.44	21.16 -0.39 0.00	20.18 0.16 0.00
NEG WEST___LANCASTR 23811	18.18 0.70 0.00	16.50 0.82 0.00	14.57 0.64 0.00	14.20 0.74 0.00	15.06 0.81 0.00	17.98 0.87 0.00	23.32 0.79 0.00	23.01 -1.20 -0.16	23.14 -1.15 -0.41	23.11 -1.02 -0.41	26.51 0.80 0.00	26.13 0.88 0.00	22.27 -0.85 -0.17	22.22 -0.82 -0.15	22.49 -0.76 -0.15	25.62 0.58 -0.03	24.05 -0.95 -0.59	24.92 -0.97 -1.00	25.07 -1.01 -1.49	28.31 -1.29 -0.90	25.52 -1.02 -0.38	21.95 -1.08 -0.50	22.09 0.54 0.00	20.96 0.94 0.00
NEG_PENN_ALLEGHNY 23528	17.89 0.40 0.00	16.09 0.41 0.00	14.26 0.33 0.00	13.81 0.35 0.00	14.63 0.38 0.00	17.56 0.46 0.00	23.05 0.52 0.00	24.69 0.34 -0.30	25.00 0.33 -0.79	24.86 0.36 -0.79	26.38 0.67 0.00	25.90 0.66 0.00	23.64 0.37 -0.33	23.57 0.39 -0.29	23.78 0.39 -0.29	25.68 0.60 -0.06	25.93 0.39 -1.12	27.20 0.40 -1.91	27.83 0.39 -2.85	30.88 0.46 -1.73	27.36 0.47 -0.73	23.80 0.32 -0.96	22.07 0.52 0.00	20.52 0.50 0.00
NEG___GEN_MONROE 24207	17.59 0.10 0.00	15.84 0.16 0.00	14.03 0.10 0.00	13.65 0.19 0.00	14.49 0.24 0.00	17.33 0.22 0.00	22.59 0.07 0.00	24.24 0.07 -0.11	24.19 0.02 -0.30	24.08 0.07 -0.30	25.68 -0.03 0.00	25.20 -0.05 0.00	23.11 0.05 -0.12	23.09 0.09 -0.11	23.37 0.16 -0.11	25.09 0.05 -0.02	24.96 0.12 -0.42	25.73 0.12 -0.72	25.73 0.07 -1.07	29.51 0.17 -0.65	26.67 0.24 -0.28	22.91 0.02 -0.36	21.40 -0.15 0.00	20.14 0.12 0.00
NEPA___ENERGY 23901	18.06 0.58 0.00	16.39 0.71 0.00	14.47 0.54 0.00	14.11 0.65 0.00	14.96 0.71 0.00	17.86 0.75 0.00	23.14 0.61 0.00	23.80 -0.41 -0.16	23.91 -0.38 -0.42	23.87 -0.26 -0.42	26.33 0.62 0.00	25.96 0.71 0.00	23.03 -0.09 -0.18	22.98 -0.07 -0.16	23.25 0.00 -0.16	25.65 0.60 -0.03	24.87 -0.15 -0.60	25.76 -0.15 -1.02	25.89 -0.22 -1.52	29.24 -0.37 -0.92	26.36 -0.18 -0.39	22.68 -0.36 -0.51	21.94 0.39 0.00	20.78 0.76 0.00
NEVERSINK___HYD 23608	18.27 0.79 0.00	16.36 0.67 0.00	14.50 0.57 0.00	13.97 0.51 0.00	14.76 0.51 0.00	17.70 0.60 0.00	23.38 0.86 0.00	25.94 1.08 -0.81	27.12 1.12 -2.13	27.00 1.16 -2.13	26.89 1.18 0.00	26.41 1.16 0.00	24.93 1.10 -0.88	24.70 1.03 -0.78	24.99 1.11 -0.79	26.45 1.28 -0.15	28.55 1.12 -3.01	31.17 1.15 -5.14	33.40 1.16 -7.65	34.75 1.41 -4.65	29.31 1.18 -1.97	26.10 0.99 -2.59	22.50 0.95 0.00	20.76 0.74 0.00
NEWKRMKL_115KV_TB1 55635	17.90 0.42 0.00	16.01 0.33 0.00	14.29 0.36 0.00	13.78 0.32 0.00	14.60 0.36 0.00	17.53 0.43 0.00	23.09 0.56 0.00	25.91 0.65 -1.21	27.68 0.62 -3.18	27.51 0.62 -3.19	26.43 0.72 0.00	25.98 0.73 0.00	24.86 0.60 -1.32	24.68 0.62 -1.17	24.89 0.62 -1.17	25.97 0.73 -0.23	29.57 0.66 -4.49	33.27 0.70 -7.69	36.72 0.69 -11.44	36.45 0.80 -6.95	29.86 0.76 -2.95	27.00 0.61 -3.87	22.05 0.50 0.00	20.34 0.32 0.00
NEWTON___FALLS_HYD 23847	17.31 -0.17 0.00	15.56 -0.13 0.00	13.82 -0.11 0.00	13.35 -0.11 0.00	14.16 -0.09 0.00	17.05 -0.05 0.00	22.48 -0.05 0.00	24.17 0.10 -0.02	24.08 0.14 -0.06	23.85 0.07 -0.06	25.76 0.05 0.00	25.20 -0.05 0.00	22.88 -0.09 -0.03	22.78 -0.14 -0.02	22.94 -0.18 -0.02	24.85 -0.18 0.00	24.36 -0.15 -0.09	24.92 -0.12 -0.15	24.75 -0.07 -0.23	28.77 -0.06 -0.14	26.14 -0.08 -0.06	22.69 0.09 -0.08	21.62 0.06 0.00	20.06 0.04 0.00
NGRID_A1_DSASP 323792	17.20 -0.28 0.00	15.57 -0.11 0.00	13.79 -0.14 0.00	13.46 0.00 0.00	14.26 0.01 0.00	17.02 -0.09 0.00	22.01 -0.52 0.00	23.01 -1.18 -0.14	23.07 -1.17 -0.37	23.02 -1.07 -0.37	24.91 -0.80 0.00	24.42 -0.83 0.00	22.18 -0.92 -0.15	22.13 -0.89 -0.14	22.40 -0.83 -0.14	24.27 -0.78 -0.03	23.92 -1.02 -0.52	24.76 -1.02 -0.89	24.77 -1.16 -1.33	28.04 -1.46 -0.81	25.38 -1.12 -0.34	21.89 -1.08 -0.45	20.69 -0.86 0.00	19.76 -0.26 0.00
NGRID_A2_DSASP 323793	17.20 -0.28 0.00	15.57 -0.11 0.00	13.79 -0.14 0.00	13.46 0.00 0.00	14.26 0.01 0.00	17.02 -0.09 0.00	22.01 -0.52 0.00	23.01 -1.18 -0.14	23.07 -1.17 -0.37	23.02 -1.07 -0.37	24.91 -0.80 0.00	24.42 -0.83 0.00	22.18 -0.92 -0.15	22.13 -0.89 -0.14	22.40 -0.83 -0.14	24.27 -0.78 -0.03	23.92 -1.02 -0.52	24.76 -1.02 -0.89	24.77 -1.16 -1.33	28.04 -1.46 -0.81	25.38 -1.12 -0.34	21.89 -1.08 -0.45	20.69 -0.86 0.00	19.76 -0.26 0.00

NGRID_A4_DSASP 323807	17.21 -0.28 0.00	15.57 -0.11 0.00	13.79 -0.14 0.00	13.45 -0.01 0.00	14.26 0.01 0.00	17.02 -0.09 0.00	22.01 -0.52 0.00	22.99 -1.20 -0.14	23.07 -1.17 -0.37	23.01 -1.07 -0.37	24.71 -1.00 0.00	24.42 -0.83 0.00	22.18 -0.92 -0.15	22.16 -0.87 -0.14	22.40 -0.83 -0.14	24.27 -0.78 -0.03	23.92 -1.03 -0.52	24.74 -1.05 -0.89	24.77 -1.16 -1.33	28.04 -1.46 -0.81	25.37 -1.12 -0.34	21.87 -1.10 -0.45	20.69 -0.86 0.00	19.76 -0.26 0.00
NIAGARA_115E_LBMP 323715	17.33 -0.16 0.00	15.71 0.03 0.00	13.96 0.03 0.00	13.62 0.16 0.00	14.43 0.18 0.00	17.17 0.07 0.00	22.08 -0.45 0.00	23.04 -1.15 -0.14	23.10 -1.15 -0.37	23.04 -1.04 -0.37	25.02 -0.69 0.00	24.52 -0.73 0.00	22.20 -0.90 -0.15	22.18 -0.85 -0.14	22.45 -0.79 -0.14	24.37 -0.67 -0.03	23.97 -0.98 -0.52	24.81 -0.97 -0.89	24.82 -1.11 -1.33	28.09 -1.41 -0.81	25.43 -1.07 -0.34	21.92 -1.06 -0.45	20.78 -0.77 0.00	19.84 -0.18 0.00
NIAGARA_115W_LBMP 323714	17.15 -0.33 0.00	15.53 -0.16 0.00	13.75 -0.18 0.00	13.42 -0.04 0.00	14.22 -0.03 0.00	16.97 -0.14 0.00	21.94 -0.59 0.00	22.94 -1.25 -0.14	23.00 -1.24 -0.37	22.94 -1.14 -0.37	24.83 -0.87 0.00	24.34 -0.91 0.00	22.11 -0.99 -0.15	22.09 -0.94 -0.14	22.36 -0.88 -0.14	24.20 -0.85 -0.03	23.87 -1.07 -0.52	24.69 -1.09 -0.89	24.69 -1.23 -1.33	27.95 -1.55 -0.81	25.30 -1.20 -0.34	21.83 -1.15 -0.45	20.63 -0.93 0.00	19.72 -0.30 0.00
NIAGARA_230_LBMP 323716	17.40 -0.09 0.00	15.75 0.06 0.00	13.94 0.01 0.00	13.61 0.15 0.00	14.42 0.17 0.00	17.21 0.10 0.00	22.26 -0.27 0.00	23.25 -0.94 -0.14	23.31 -0.93 -0.37	23.25 -0.83 -0.37	25.20 -0.51 0.00	24.69 -0.56 0.00	22.41 -0.69 -0.15	22.36 -0.66 -0.13	22.63 -0.60 -0.14	24.55 -0.50 -0.03	24.16 -0.78 -0.52	25.00 -0.77 -0.88	25.00 -0.91 -1.32	28.31 -1.18 -0.80	25.63 -0.86 -0.34	22.11 -0.86 -0.45	20.93 -0.63 0.00	19.98 -0.04 0.00
NIAGARA__115KV_198_GIBSON 55903	17.15 -0.33 0.00	15.53 -0.16 0.00	13.75 -0.18 0.00	13.42 -0.04 0.00	14.22 -0.03 0.00	16.97 -0.14 0.00	21.94 -0.59 0.00	22.94 -1.25 -0.14	23.00 -1.24 -0.37	22.94 -1.14 -0.37	24.63 -1.08 0.00	24.34 -0.91 0.00	22.11 -0.99 -0.15	22.09 -0.94 -0.14	22.36 -0.88 -0.14	24.20 -0.85 -0.03	23.87 -1.07 -0.52	24.66 -1.12 -0.89	24.69 -1.23 -1.33	27.95 -1.55 -0.81	25.30 -1.20 -0.34	21.80 -1.17 -0.45	20.62 -0.93 0.00	19.72 -0.30 0.00
NIAGARA____ 23760	17.40 -0.09 0.00	15.75 0.06 0.00	13.94 0.01 0.00	13.61 0.15 0.00	14.42 0.17 0.00	17.21 0.10 0.00	22.26 -0.27 0.00	23.25 -0.94 -0.14	23.31 -0.93 -0.37	23.25 -0.83 -0.37	25.20 -0.51 0.00	24.69 -0.56 0.00	22.41 -0.69 -0.15	22.36 -0.66 -0.14	22.63 -0.60 -0.14	24.55 -0.50 -0.03	24.16 -0.78 -0.52	25.01 -0.77 -0.89	25.01 -0.91 -1.32	28.32 -1.18 -0.80	25.64 -0.86 -0.34	22.12 -0.86 -0.45	20.93 -0.63 0.00	19.98 -0.04 0.00
NINE_MILE_1 23575	17.14 -0.35 0.00	15.38 -0.30 0.00	13.65 -0.28 0.00	13.20 -0.26 0.00	13.99 -0.26 0.00	16.80 -0.31 0.00	22.10 -0.43 0.00	23.56 -0.55 -0.06	23.43 -0.60 -0.15	23.27 -0.59 -0.15	25.09 -0.62 0.00	24.62 -0.63 0.00	22.46 -0.55 -0.06	22.40 -0.55 -0.06	22.62 -0.53 -0.06	24.43 -0.60 -0.01	24.05 -0.59 -0.22	24.69 -0.57 -0.37	24.56 -0.59 -0.55	28.37 -0.66 -0.34	25.70 -0.60 -0.14	22.20 -0.52 -0.19	21.08 -0.47 0.00	19.64 -0.38 0.00
NINE_MILE_2 23744	17.14 -0.35 0.00	15.38 -0.30 0.00	13.65 -0.28 0.00	13.20 -0.26 0.00	13.99 -0.26 0.00	16.80 -0.31 0.00	22.10 -0.43 0.00	23.56 -0.55 -0.06	23.43 -0.60 -0.15	23.27 -0.59 -0.15	25.09 -0.62 0.00	24.62 -0.63 0.00	22.46 -0.55 -0.06	22.40 -0.55 -0.06	22.62 -0.53 -0.06	24.43 -0.60 -0.01	24.05 -0.59 -0.22	24.69 -0.57 -0.37	24.56 -0.59 -0.55	28.37 -0.66 -0.34	25.70 -0.60 -0.14	22.19 -0.52 -0.19	21.08 -0.47 0.00	19.64 -0.38 0.00
NM_CAPITAL____DRP 24208	17.94 0.45 0.00	16.06 0.38 0.00	14.32 0.39 0.00	13.81 0.35 0.00	14.63 0.38 0.00	17.56 0.46 0.00	23.14 0.61 0.00	25.98 0.72 -1.20	27.74 0.69 -3.18	27.58 0.69 -3.18	26.48 0.77 0.00	26.03 0.78 0.00	24.93 0.67 -1.32	24.72 0.66 -1.17	24.94 0.67 -1.17	26.02 0.78 -0.23	29.64 0.73 -4.48	33.33 0.77 -7.67	36.77 0.76 -11.41	36.52 0.89 -6.93	29.91 0.81 -2.94	27.06 0.68 -3.86	22.09 0.54 0.00	20.38 0.36 0.00
NM_CENTRAL____DRP 24181	17.48 0.00 0.00	15.70 0.02 0.00	13.93 0.00 0.00	13.47 0.01 0.00	14.27 0.03 0.00	17.14 0.03 0.00	22.55 0.02 0.00	24.04 -0.10 -0.08	23.97 -0.12 -0.22	23.82 -0.12 -0.22	25.58 -0.13 0.00	25.15 -0.10 0.00	22.94 -0.09 -0.09	22.90 -0.07 -0.08	23.11 -0.07 -0.08	24.94 -0.10 -0.02	24.64 -0.10 -0.31	25.30 -0.12 -0.54	25.29 -0.10 -0.80	29.09 -0.09 -0.49	26.28 -0.08 -0.21	22.75 -0.05 -0.27	21.55 0.00 0.00	20.06 0.04 0.00
NM_FRONTIER____DRP 24179	17.15 -0.33 0.00	15.53 -0.16 0.00	13.75 -0.18 0.00	13.42 -0.04 0.00	14.22 -0.03 0.00	16.97 -0.14 0.00	21.94 -0.59 0.00	22.94 -1.25 -0.14	23.00 -1.24 -0.37	22.94 -1.14 -0.37	24.63 -1.08 0.00	24.34 -0.91 0.00	22.11 -0.99 -0.15	22.09 -0.94 -0.14	22.36 -0.88 -0.14	24.20 -0.85 -0.03	23.87 -1.07 -0.52	24.66 -1.12 -0.89	24.69 -1.23 -1.33	27.95 -1.55 -0.81	25.30 -1.20 -0.34	21.80 -1.17 -0.45	20.62 -0.93 0.00	19.72 -0.30 0.00
NM_ST_REGIS____HYD 24053	17.17 -0.31 0.00	15.45 -0.24 0.00	13.75 -0.18 0.00	13.29 -0.17 0.00	14.09 -0.16 0.00	16.93 -0.17 0.00	22.35 -0.18 0.00	23.93 -0.12 0.00	23.90 0.02 0.00	23.69 -0.02 0.00	25.63 -0.08 0.00	25.07 -0.18 0.00	22.76 -0.18 0.00	22.66 -0.23 0.00	22.75 -0.35 0.00	24.62 -0.40 0.00	24.08 -0.34 0.00	24.59 -0.30 0.00	24.35 -0.25 0.00	28.35 -0.34 0.00	25.84 -0.31 0.00	22.46 -0.07 0.00	21.49 -0.06 0.00	19.94 -0.08 0.00
NORTHPORT____1 23551	18.94 1.45 0.00	16.92 1.24 0.00	14.99 1.06 0.00	14.42 0.96 0.00	15.24 1.00 0.00	18.46 1.35 -0.01	24.22 1.69 0.00	27.18 2.17 -0.96	28.73 2.31 -2.55	28.54 2.28 -2.55	28.01 2.29 -0.02	28.43 2.35 -0.83	26.99 2.13 -1.92	27.24 2.10 -2.25	27.71 2.15 -2.47	28.89 2.38 -1.49	30.29 2.27 -3.60	33.38 2.37 -6.13	35.95 2.14 -9.22	36.84 2.49 -5.65	30.79 2.27 -2.36	27.78 1.96 -3.29	23.58 2.03 -0.01	21.67 1.64 -0.01
NORTHPORT____2 23552	18.94 1.45 0.00	16.92 1.24 0.00	14.99 1.06 0.00	14.42 0.96 0.00	15.24 1.00 0.00	18.46 1.35 -0.01	24.22 1.69 0.00	27.18 2.17 -0.96	28.73 2.31 -2.55	28.54 2.28 -2.55	28.01 2.29 -0.02	28.43 2.35 -0.83	26.99 2.13 -1.92	27.24 2.10 -2.25	27.71 2.15 -2.47	28.89 2.38 -1.49	30.29 2.27 -3.60	33.38 2.37 -6.13	35.95 2.14 -9.22	36.84 2.49 -5.65	30.79 2.27 -2.36	27.78 1.96 -3.29	23.58 2.03 -0.01	21.67 1.64 -0.01
NORTHPORT____3 23553	19.04 1.56 0.00	17.00 1.32 0.00	15.06 1.13 0.00	14.48 1.02 0.00	15.31 1.07 0.00	18.53 1.42 -0.01	24.31 1.78 0.00	27.25 2.24 -0.96	28.78 2.36 -2.54	28.65 2.39 -2.55	28.19 2.47 -0.02	28.56 2.48 -0.83	27.13 2.27 -1.92	27.38 2.24 -2.25	27.83 2.26 -2.47	28.96 2.45 -1.49	30.14 2.12 -3.59	33.17 2.16 -6.12	35.67 2.26 -8.82	36.61 2.73 -5.19	30.73 2.22 -2.35	27.87 2.05 -3.29	23.65 2.09 -0.01	21.73 1.70 -0.01

NORTHPORT___4 23650	19.04 1.56 0.00	17.00 1.32 0.00	15.06 1.13 0.00	14.48 1.02 0.00	15.31 1.07 0.00	18.53 1.42 -0.01	24.31 1.78 0.00	27.25 2.24 -0.96	28.78 2.36 -2.54	28.65 2.39 -2.55	28.19 2.47 -0.02	28.56 2.48 -0.83	27.13 2.27 -1.92	27.38 2.24 -2.25	27.83 2.26 -2.47	28.96 2.45 -1.49	30.14 2.12 -3.59	33.17 2.16 -6.12	35.67 2.26 -8.82	36.61 2.73 -5.19	30.73 2.22 -2.35	27.87 2.05 -3.29	23.65 2.09 -0.01	21.73 1.70 -0.01
NORTHPORT___IC 23718	18.94 1.45 0.00	16.92 1.24 0.00	14.99 1.06 0.00	14.42 0.96 0.00	15.24 1.00 0.00	18.46 1.35 -0.01	24.22 1.69 0.00	27.18 2.17 -0.96	28.73 2.31 -2.55	28.54 2.28 -2.55	28.01 2.29 -0.02	28.43 2.35 -0.83	26.99 2.13 -1.92	27.24 2.10 -2.25	27.71 2.15 -2.47	28.89 2.38 -1.49	30.29 2.27 -3.60	33.38 2.37 -6.13	35.95 2.14 -9.22	36.84 2.49 -5.65	30.79 2.27 -2.36	27.78 1.96 -3.29	23.58 2.03 -0.01	21.67 1.64 -0.01
NORTH___COUNTRY_ESR 323785	17.24 -0.24 0.00	15.53 -0.16 0.00	13.83 -0.10 0.00	13.38 -0.08 0.00	14.17 -0.07 0.00	17.02 -0.09 0.00	22.46 -0.07 0.00	23.76 -0.29 0.00	23.75 -0.12 0.00	23.59 -0.12 0.00	25.50 -0.21 0.00	24.95 -0.30 0.00	22.62 -0.32 0.00	22.45 -0.44 0.00	22.54 -0.55 0.00	24.32 -0.70 0.00	24.10 -0.32 0.00	24.66 -0.22 0.00	24.45 -0.15 0.00	28.43 -0.26 0.00	25.92 -0.24 0.00	22.37 -0.16 0.00	21.29 -0.26 0.00	19.78 -0.24 0.00
NPX_GEN_1385_PROXY 323591	18.71 1.22 0.00	16.73 1.05 0.00	14.83 0.90 0.00	14.32 0.86 0.00	15.16 0.91 0.00	18.36 1.25 -0.01	24.08 1.55 0.00	27.03 2.02 -0.96	28.23 1.81 -2.55	27.85 1.59 -2.55	26.69 1.52 0.54	26.50 1.59 0.34	26.33 1.47 -1.92	26.58 1.44 -2.25	26.54 1.46 -1.99	28.13 1.63 -1.49	29.75 1.73 -3.60	32.86 1.84 -6.13	35.41 1.60 -9.22	36.24 1.89 -5.65	30.21 1.70 -2.36	27.28 1.46 -3.29	23.18 1.62 -0.01	21.33 1.30 -0.01
NPX_GEN_CSC 323557	19.41 1.92 0.00	17.34 1.66 0.00	15.36 1.43 0.00	14.75 1.29 0.00	15.60 1.35 0.00	18.92 1.81 -0.01	24.78 2.25 0.00	27.83 2.81 -0.96	29.43 3.01 -2.55	29.28 3.01 -2.56	28.73 3.01 -0.02	29.11 3.03 -0.83	27.61 2.75 -1.92	27.86 2.72 -2.25	28.33 2.77 -2.47	29.65 3.13 -1.50	30.96 2.93 -3.61	34.11 3.04 -6.18	40.07 2.93 -12.56	41.67 3.44 -9.54	31.63 3.06 -2.41	28.39 2.57 -3.29	24.14 2.59 -0.01	22.17 2.14 -0.01
NSINS_S_GLNS_FALLS 23858	18.87 1.38 0.00	16.86 1.18 0.00	14.97 1.04 0.00	14.43 0.97 0.00	15.38 1.14 0.00	18.57 1.47 0.00	24.51 1.98 0.00	27.28 2.00 -1.23	29.08 1.96 -3.25	28.87 1.90 -3.26	27.87 2.16 0.00	27.37 2.12 0.00	26.04 1.74 -1.35	25.87 1.79 -1.19	26.10 1.80 -1.20	27.08 1.83 -0.23	30.75 1.73 -4.59	34.61 1.87 -7.86	38.03 1.75 -11.69	37.86 2.07 -7.10	31.32 2.14 -3.01	28.22 1.73 -3.96	23.21 1.66 0.00	21.36 1.34 0.00
NUCOR_STEEL___DRP 24197	17.75 0.26 0.00	15.95 0.27 0.00	14.14 0.21 0.00	13.69 0.23 0.00	14.50 0.26 0.00	17.43 0.32 0.00	22.96 0.43 0.00	24.48 0.31 -0.12	24.44 0.26 -0.30	24.32 0.31 -0.30	26.09 0.39 0.00	25.63 0.38 0.00	23.37 0.30 -0.13	23.32 0.32 -0.11	23.53 0.32 -0.11	25.42 0.38 -0.02	25.22 0.37 -0.43	26.00 0.37 -0.74	26.06 0.37 -1.09	29.82 0.46 -0.66	26.88 0.44 -0.28	23.26 0.36 -0.37	21.90 0.34 0.00	20.38 0.36 0.00
NUMBER_THREE_WT_PWR 323818	17.59 0.11 0.00	15.79 0.11 0.00	14.03 0.10 0.00	13.56 0.09 0.00	14.36 0.11 0.00	17.31 0.21 0.00	22.82 0.29 0.00	24.52 0.43 -0.03	24.39 0.43 -0.09	24.13 0.33 -0.09	26.10 0.39 0.00	25.53 0.28 0.00	23.14 0.16 -0.04	23.06 0.14 -0.03	23.27 0.14 -0.03	25.25 0.22 -0.01	24.81 0.27 -0.12	25.40 0.30 -0.21	25.28 0.37 -0.32	29.40 0.52 -0.19	26.65 0.42 -0.08	23.01 0.38 -0.11	21.88 0.32 0.00	20.28 0.26 0.00
NYISO_LBMP_REFERENCE 24008	17.48 0.00 0.00	15.68 0.00 0.00	13.93 0.00 0.00	13.46 0.00 0.00	14.24 0.00 0.00	17.10 0.00 0.00	22.53 0.00 0.00	24.05 0.00 0.00	23.87 0.00 0.00	23.71 0.00 0.00	25.71 0.00 0.00	25.25 0.00 0.00	22.94 0.00 0.00	22.89 0.00 0.00	23.10 0.00 0.00	25.02 0.00 0.00	24.42 0.00 0.00	24.89 0.00 0.00	24.59 0.00 0.00	28.69 0.00 0.00	26.16 0.00 0.00	22.52 0.00 0.00	21.55 0.00 0.00	20.02 0.00 0.00
NYPA_BRENTWD___GT 24164	19.23 1.75 0.00	17.17 1.49 0.00	15.21 1.28 0.00	14.62 1.16 0.00	15.46 1.21 0.00	18.75 1.64 -0.01	24.58 2.05 0.00	27.59 2.57 -0.96	29.14 2.72 -2.55	28.96 2.70 -2.55	28.50 2.78 -0.02	28.91 2.83 -0.83	27.43 2.57 -1.92	27.65 2.52 -2.25	28.13 2.56 -2.47	29.36 2.85 -1.49	30.71 2.69 -3.60	33.81 2.79 -6.14	37.09 2.66 -9.84	38.17 3.10 -6.38	31.30 2.77 -2.37	28.16 2.34 -3.29	23.93 2.37 -0.01	21.99 1.96 -0.01
NYPA_GOWANUS___GT5 24156	18.73 1.24 -0.01	16.72 1.03 -0.01	14.86 0.92 -0.01	14.30 0.83 -0.01	15.11 0.85 -0.01	18.14 1.03 -0.01	24.00 1.46 -0.01	26.85 1.83 -0.97	28.33 1.91 -2.54	30.30 1.97 -4.62	27.77 2.06 -0.01	27.45 2.14 -0.06	27.42 1.97 -2.51	27.45 1.97 -2.59	27.42 1.96 -2.36	28.40 2.15 -1.23	30.01 2.00 -3.59	32.93 1.92 -6.13	35.55 1.85 -9.11	36.38 2.15 -5.53	30.20 1.70 -2.35	27.31 1.69 -3.09	23.22 1.66 -0.01	21.31 1.28 -0.01
NYPA_GOWANUS___GT6 24157	18.73 1.24 -0.01	16.72 1.03 -0.01	14.86 0.92 -0.01	14.30 0.83 -0.01	15.11 0.85 -0.01	18.14 1.03 -0.01	24.00 1.46 -0.01	26.85 1.83 -0.97	28.33 1.91 -2.54	30.30 1.97 -4.62	27.77 2.06 -0.01	27.45 2.14 -0.06	27.42 1.97 -2.51	27.45 1.97 -2.59	27.42 1.96 -2.36	28.40 2.15 -1.23	30.01 2.00 -3.59	32.93 1.92 -6.13	35.55 1.85 -9.11	36.38 2.15 -5.53	30.20 1.70 -2.35	27.31 1.69 -3.09	23.22 1.66 -0.01	21.31 1.28 -0.01
NYPA_HARLEM__RVR__GT1 24160	18.75 1.26 -0.01	16.79 1.10 -0.01	14.91 0.97 -0.01	14.36 0.89 -0.01	15.17 0.91 -0.01	18.22 1.11 -0.01	24.00 1.46 -0.01	26.82 1.80 -0.97	28.28 1.86 -2.54	28.15 1.90 -2.55	27.72 2.01 -0.01	27.30 2.04 -0.01	25.88 1.88 -1.06	25.70 1.88 -0.94	25.91 1.87 -0.94	27.26 2.05 -0.19	29.91 1.91 -3.59	32.89 1.87 -6.13	35.52 1.82 -9.11	36.35 2.12 -5.53	30.19 1.70 -2.34	27.28 1.67 -3.09	23.22 1.66 -0.01	21.37 1.34 -0.01
NYPA_HARLEM__RVR__GT2 24161	18.75 1.26 -0.01	16.79 1.10 -0.01	14.91 0.97 -0.01	14.36 0.89 -0.01	15.17 0.91 -0.01	18.22 1.11 -0.01	24.00 1.46 -0.01	26.82 1.80 -0.97	28.28 1.86 -2.54	28.15 1.90 -2.55	27.72 2.01 -0.01	27.30 2.04 -0.01	25.88 1.88 -1.06	25.70 1.88 -0.94	25.91 1.87 -0.94	27.26 2.05 -0.19	29.91 1.91 -3.59	32.89 1.87 -6.13	35.52 1.82 -9.11	36.35 2.12 -5.53	30.19 1.70 -2.34	27.28 1.67 -3.09	23.22 1.66 -0.01	21.37 1.34 -0.01
NYPA_KENT___GT 24152	18.72 1.22 -0.01	16.72 1.03 -0.01	14.86 0.92 -0.01	14.30 0.83 -0.01	15.11 0.85 -0.01	18.15 1.04 -0.01	24.00 1.46 -0.01	26.85 1.83 -0.97	28.30 1.89 -2.54	30.27 1.94 -4.62	27.75 2.03 -0.01	27.43 2.12 -0.06	27.42 1.97 -2.51	27.42 1.94 -2.59	27.40 1.94 -2.36	28.37 2.13 -1.23	29.98 1.98 -3.59	32.93 1.92 -6.13	35.52 1.82 -9.11	36.35 2.12 -5.53	30.20 1.70 -2.35	27.31 1.69 -3.09	23.20 1.64 -0.01	21.31 1.28 -0.01

NYPA_POUCH1____GT 24155	18.75 1.26 -0.01	16.74 1.05 -0.01	14.87 0.93 -0.01	14.30 0.83 -0.01	15.12 0.87 -0.01	18.15 1.04 -0.01	24.00 1.46 -0.01	26.87 1.85 -0.97	28.35 1.93 -2.54	30.32 1.99 -4.62	27.80 2.08 -0.01	27.48 2.17 -0.06	27.45 2.00 -2.51	27.47 1.99 -2.59	27.45 1.99 -2.36	28.42 2.18 -1.23	30.03 2.03 -3.59	32.98 1.97 -6.13	35.60 1.89 -9.11	36.41 2.18 -5.53	30.23 1.73 -2.35	27.35 1.73 -3.09	23.24 1.68 -0.01	21.33 1.30 -0.01
NYPA_VERNON____GT2 24162	18.72 1.22 -0.01	16.72 1.03 -0.01	14.86 0.92 -0.01	14.30 0.83 -0.01	15.11 0.85 -0.01	18.15 1.04 -0.01	24.00 1.46 -0.01	26.85 1.83 -0.97	28.30 1.89 -2.54	30.25 1.92 -4.62	27.75 2.03 -0.01	27.40 2.09 -0.06	27.40 1.95 -2.51	27.40 1.92 -2.59	27.40 1.94 -2.36	28.35 2.10 -1.23	29.94 1.93 -3.59	32.91 1.89 -6.13	35.52 1.82 -9.11	36.32 2.09 -5.53	30.23 1.73 -2.35	27.28 1.67 -3.09	23.20 1.64 -0.01	21.31 1.28 -0.01
NYPA_VERNON____GT3 24163	18.72 1.22 -0.01	16.72 1.03 -0.01	14.86 0.92 -0.01	14.30 0.83 -0.01	15.11 0.85 -0.01	18.15 1.04 -0.01	24.00 1.46 -0.01	26.85 1.83 -0.97	28.30 1.89 -2.54	30.25 1.92 -4.62	27.75 2.03 -0.01	27.40 2.09 -0.06	27.40 1.95 -2.51	27.40 1.92 -2.59	27.40 1.94 -2.36	28.35 2.10 -1.23	29.94 1.93 -3.59	32.91 1.89 -6.13	35.52 1.82 -9.11	36.32 2.09 -5.53	30.23 1.73 -2.35	27.28 1.67 -3.09	23.20 1.64 -0.01	21.31 1.28 -0.01
NYPA____ASTORIA_CC1 323568	18.73 1.24 -0.01	16.72 1.03 -0.01	14.86 0.92 -0.01	14.30 0.83 -0.01	15.12 0.87 -0.01	18.17 1.06 -0.01	24.00 1.46 -0.01	26.85 1.83 -0.97	28.30 1.89 -2.54	30.25 1.92 -4.62	27.75 2.03 -0.01	27.40 2.09 -0.06	27.40 1.95 -2.51	27.40 1.92 -2.59	27.40 1.94 -2.36	28.35 2.10 -1.23	29.94 1.93 -3.59	32.91 1.89 -6.13	35.50 1.79 -9.11	36.32 2.09 -5.53	30.23 1.73 -2.35	27.28 1.67 -3.09	23.20 1.64 -0.01	21.31 1.28 -0.01
NYPA____ASTORIA_CC2 323569	18.73 1.24 -0.01	16.72 1.03 -0.01	14.86 0.92 -0.01	14.30 0.83 -0.01	15.12 0.87 -0.01	18.17 1.06 -0.01	24.00 1.46 -0.01	26.85 1.83 -0.97	28.30 1.89 -2.54	30.25 1.92 -4.62	27.75 2.03 -0.01	27.40 2.09 -0.06	27.40 1.95 -2.51	27.40 1.92 -2.59	27.40 1.94 -2.36	28.35 2.10 -1.23	29.94 1.93 -3.59	32.91 1.89 -6.13	35.50 1.79 -9.11	36.32 2.09 -5.53	30.23 1.73 -2.35	27.28 1.67 -3.09	23.20 1.64 -0.01	21.31 1.28 -0.01
NYPA____HOLTSVILL 23794	19.22 1.73 0.00	17.17 1.49 0.00	15.21 1.28 0.00	14.62 1.16 0.00	15.46 1.21 0.00	18.74 1.63 -0.01	24.56 2.03 0.00	27.56 2.55 -0.96	29.15 2.72 -2.55	28.97 2.70 -2.56	28.45 2.72 -0.02	28.86 2.78 -0.83	27.38 2.52 -1.92	27.63 2.50 -2.25	28.10 2.54 -2.47	29.34 2.83 -1.50	30.66 2.64 -3.61	33.81 2.74 -6.18	39.69 2.61 -12.49	41.23 3.07 -9.46	31.29 2.72 -2.41	28.14 2.32 -3.29	23.91 2.35 -0.01	21.97 1.94 -0.01
NYPA____HELLGATE_GT1 24158	18.75 1.26 -0.01	16.79 1.10 -0.01	14.91 0.97 -0.01	14.36 0.89 -0.01	15.17 0.91 -0.01	18.22 1.11 -0.01	24.00 1.46 -0.01	26.82 1.80 -0.97	28.28 1.86 -2.54	28.15 1.90 -2.55	27.72 2.01 -0.01	27.30 2.04 -0.01	25.88 1.88 -1.06	25.70 1.88 -0.94	25.91 1.87 -0.94	27.26 2.05 -0.19	29.91 1.91 -3.59	32.89 1.87 -6.13	35.53 1.82 -9.11	36.35 2.12 -5.54	30.20 1.70 -2.34	27.28 1.67 -3.09	23.22 1.66 -0.01	21.37 1.34 -0.01
NYPA____HELLGATE_GT2 24159	18.75 1.26 -0.01	16.79 1.10 -0.01	14.91 0.97 -0.01	14.36 0.89 -0.01	15.17 0.91 -0.01	18.22 1.11 -0.01	24.00 1.46 -0.01	26.82 1.80 -0.97	28.28 1.86 -2.54	28.15 1.90 -2.55	27.72 2.01 -0.01	27.30 2.04 -0.01	25.88 1.88 -1.06	25.70 1.88 -0.94	25.91 1.87 -0.94	27.26 2.05 -0.19	29.91 1.91 -3.59	32.89 1.87 -6.13	35.53 1.82 -9.11	36.35 2.12 -5.54	30.20 1.70 -2.34	27.28 1.67 -3.09	23.22 1.66 -0.01	21.37 1.34 -0.01
NYS_BARGE____HYD 23848	17.57 0.09 0.00	15.93 0.25 0.00	14.12 0.19 0.00	13.78 0.32 0.00	14.60 0.36 0.00	17.39 0.29 0.00	22.46 -0.07 0.00	23.44 -0.75 -0.14	23.52 -0.72 -0.36	23.45 -0.62 -0.36	25.53 -0.18 0.00	25.00 -0.25 0.00	22.61 -0.48 -0.15	22.56 -0.46 -0.13	22.86 -0.37 -0.13	24.87 -0.17 -0.03	24.41 -0.51 -0.51	25.26 -0.50 -0.87	25.25 -0.64 -1.29	28.64 -0.83 -0.78	25.91 -0.58 -0.33	22.31 -0.65 -0.44	21.16 -0.39 0.00	20.16 0.14 0.00
OAK ORCHARD____HYD 24046	17.54 0.05 0.00	15.81 0.12 0.00	14.00 0.07 0.00	13.62 0.16 0.00	14.42 0.17 0.00	17.26 0.15 0.00	22.59 0.07 0.00	24.28 0.12 -0.11	24.26 0.10 -0.29	24.12 0.12 -0.29	25.79 0.08 0.00	25.22 -0.03 0.00	23.23 0.16 -0.12	23.20 0.21 -0.11	23.48 0.28 -0.11	25.19 0.15 -0.02	25.13 0.29 -0.42	25.90 0.30 -0.71	25.87 0.22 -1.06	29.62 0.29 -0.64	26.74 0.32 -0.27	23.02 0.14 -0.36	21.47 -0.09 0.00	20.16 0.14 0.00
OAKDALE__35_KV_LOAD 356122	17.83 0.35 0.00	16.04 0.36 0.00	14.22 0.29 0.00	13.77 0.31 0.00	14.59 0.34 0.00	17.50 0.39 0.00	22.96 0.43 0.00	24.59 0.24 -0.30	24.90 0.24 -0.79	24.74 0.24 -0.79	26.22 0.51 0.00	25.78 0.53 0.00	23.55 0.28 -0.33	23.45 0.27 -0.29	23.69 0.30 -0.29	25.55 0.48 -0.06	25.83 0.29 -1.11	27.09 0.30 -1.91	27.73 0.30 -2.84	30.76 0.34 -1.72	27.23 0.34 -0.73	23.73 0.25 -0.96	21.96 0.41 0.00	20.44 0.42 0.00
OCC_CHEM____DRP 24175	17.21 -0.28 0.00	15.57 -0.11 0.00	13.79 -0.14 0.00	13.45 -0.01 0.00	14.26 0.01 0.00	17.02 -0.09 0.00	22.01 -0.52 0.00	22.99 -1.20 -0.14	23.07 -1.17 -0.37	23.01 -1.07 -0.37	24.71 -1.00 0.00	24.42 -0.83 0.00	22.18 -0.92 -0.15	22.16 -0.87 -0.14	22.40 -0.83 -0.14	24.27 -0.78 -0.03	23.92 -1.03 -0.52	24.74 -1.05 -0.89	24.77 -1.16 -1.33	28.04 -1.46 -0.81	25.37 -1.12 -0.34	21.87 -1.10 -0.45	20.69 -0.86 0.00	19.76 -0.26 0.00
OH_GEN_PROXY 24063	17.42 -0.07 0.00	15.75 0.06 0.00	13.94 0.01 0.00	13.61 0.15 0.00	14.42 0.17 0.00	17.21 0.10 0.00	22.28 -0.25 0.00	23.30 -0.89 -0.14	23.35 -0.88 -0.37	23.27 -0.81 -0.37	25.25 -0.46 0.00	24.72 -0.53 0.00	22.45 -0.64 -0.15	22.41 -0.62 -0.13	22.68 -0.55 -0.14	24.60 -0.45 -0.03	24.21 -0.73 -0.52	25.05 -0.72 -0.88	25.05 -0.86 -1.32	28.40 -1.09 -0.80	25.68 -0.81 -0.34	22.16 -0.81 -0.44	20.97 -0.58 0.00	20.00 -0.02 0.00
OLIN_CORP_DRP 24177	17.36 -0.12 0.00	15.74 0.06 0.00	13.97 0.04 0.00	13.64 0.17 0.00	14.44 0.20 0.00	17.19 0.09 0.00	22.14 -0.38 0.00	23.09 -1.11 -0.14	23.15 -1.10 -0.37	23.09 -1.00 -0.37	24.86 -0.85 0.00	24.57 -0.68 0.00	22.25 -0.85 -0.15	22.22 -0.80 -0.14	22.49 -0.74 -0.14	24.42 -0.63 -0.03	24.04 -0.90 -0.53	24.84 -0.95 -0.90	24.87 -1.06 -1.34	28.19 -1.32 -0.81	25.48 -1.02 -0.34	21.96 -1.01 -0.45	20.82 -0.73 0.00	19.88 -0.14 0.00
OLIN_CORP_DSASP 323712	17.20 -0.28 0.00	15.57 -0.11 0.00	13.79 -0.14 0.00	13.46 0.00 0.00	14.26 0.01 0.00	17.02 -0.09 0.00	22.01 -0.52 0.00	23.01 -1.18 -0.14	23.07 -1.17 -0.37	23.02 -1.07 -0.37	24.91 -0.80 0.00	24.42 -0.83 0.00	22.18 -0.92 -0.15	22.13 -0.89 -0.14	22.40 -0.83 -0.14	24.27 -0.78 -0.03	23.92 -1.02 -0.52	24.76 -1.02 -0.89	24.77 -1.16 -1.33	28.04 -1.46 -0.81	25.38 -1.12 -0.34	21.89 -1.08 -0.45	20.69 -0.86 0.00	19.76 -0.26 0.00

ONEIDA_HERK_LFGE 323681	17.75 0.26 0.00	15.93 0.25 0.00	14.15 0.22 0.00	13.66 0.20 0.00	14.47 0.23 0.00	17.43 0.32 0.00	22.95 0.43 0.00	24.61 0.53 -0.03	24.50 0.55 -0.08	24.29 0.50 -0.08	26.27 0.56 0.00	25.73 0.48 0.00	23.34 0.37 -0.03	23.28 0.37 -0.03	23.49 0.37 -0.03	25.48 0.45 -0.01	25.00 0.46 -0.11	25.55 0.47 -0.19	25.40 0.52 -0.29	29.53 0.66 -0.17	26.78 0.55 -0.07	23.10 0.47 -0.10	21.98 0.43 0.00	20.38 0.36 0.00
ONEIDA___115KV_TB4 55905	17.92 0.44 0.00	16.09 0.41 0.00	14.28 0.35 0.00	13.80 0.34 0.00	14.62 0.37 0.00	17.58 0.48 0.00	23.16 0.63 0.00	24.78 0.67 -0.06	24.66 0.64 -0.15	24.47 0.62 -0.15	26.45 0.75 0.00	25.93 0.68 0.00	23.55 0.55 -0.06	23.47 0.53 -0.05	23.70 0.55 -0.05	25.68 0.65 -0.01	25.24 0.61 -0.21	25.87 0.62 -0.36	25.79 0.66 -0.53	29.85 0.83 -0.32	27.03 0.73 -0.14	23.29 0.59 -0.18	22.11 0.56 0.00	20.54 0.52 0.00
ONONDAGA_REF_OCCRA 23987	17.55 0.07 0.00	15.76 0.08 0.00	13.97 0.04 0.00	13.53 0.07 0.00	14.33 0.09 0.00	17.21 0.10 0.00	22.64 0.11 0.00	24.18 0.02 -0.10	24.14 0.00 -0.27	23.96 -0.02 -0.27	25.73 0.03 0.00	25.27 0.03 0.00	23.08 0.02 -0.11	23.01 0.02 -0.10	23.22 0.02 -0.10	25.06 0.03 -0.02	24.83 0.02 -0.39	25.57 0.02 -0.66	25.60 0.02 -0.98	29.37 0.09 -0.60	26.49 0.08 -0.25	22.92 0.07 -0.33	21.66 0.11 0.00	20.14 0.12 0.00
ONONDAGA___COGEN 23986	17.62 0.14 0.00	15.84 0.16 0.00	14.04 0.11 0.00	13.58 0.12 0.00	14.40 0.16 0.00	17.29 0.19 0.00	22.77 0.25 0.00	24.31 0.17 -0.10	24.24 0.12 -0.25	24.08 0.12 -0.25	25.89 0.18 0.00	25.43 0.18 0.00	23.19 0.14 -0.10	23.14 0.16 -0.09	23.33 0.14 -0.09	25.19 0.15 -0.02	24.90 0.12 -0.36	25.62 0.12 -0.61	25.65 0.15 -0.91	29.47 0.23 -0.55	26.60 0.21 -0.23	23.03 0.20 -0.31	21.77 0.22 0.00	20.24 0.22 0.00
ONTARIO___LFGE 23819	17.80 0.32 0.00	16.03 0.34 0.00	14.18 0.25 0.00	13.77 0.31 0.00	14.61 0.37 0.00	17.55 0.44 0.00	23.07 0.54 0.00	24.57 0.38 -0.13	24.56 0.33 -0.35	24.42 0.36 -0.35	26.33 0.62 0.00	25.80 0.55 0.00	23.43 0.34 -0.15	23.38 0.37 -0.13	23.62 0.39 -0.13	25.59 0.55 -0.03	25.36 0.44 -0.50	26.21 0.47 -0.85	26.33 0.47 -1.27	29.95 0.49 -0.77	27.03 0.55 -0.33	23.29 0.34 -0.43	21.98 0.43 0.00	20.48 0.46 0.00
ORANGEVILLE_WT_PWR 323706	17.82 0.33 0.00	16.12 0.44 0.00	14.26 0.33 0.00	13.90 0.44 0.00	14.74 0.50 0.00	17.62 0.51 0.00	22.89 0.36 0.00	23.79 -0.43 -0.17	23.91 -0.41 -0.45	23.88 -0.28 -0.45	26.10 0.39 0.00	25.60 0.35 0.00	22.94 -0.18 -0.19	22.89 -0.16 -0.16	23.15 -0.11 -0.17	25.33 0.28 -0.03	24.81 -0.24 -0.63	25.74 -0.22 -1.08	25.88 -0.32 -1.61	29.21 -0.46 -0.98	26.31 -0.26 -0.41	22.69 -0.38 -0.54	21.64 0.09 0.00	20.46 0.44 0.00
ORANGEVILLE___ESR 323794	17.82 0.33 0.00	16.12 0.44 0.00	14.26 0.33 0.00	13.90 0.44 0.00	14.74 0.50 0.00	17.62 0.51 0.00	22.89 0.36 0.00	23.79 -0.43 -0.17	23.91 -0.41 -0.45	23.88 -0.28 -0.45	26.10 0.39 0.00	25.60 0.35 0.00	22.94 -0.18 -0.19	22.89 -0.16 -0.16	23.15 -0.11 -0.17	25.33 0.28 -0.03	24.81 -0.24 -0.63	25.74 -0.22 -1.08	25.88 -0.32 -1.61	29.21 -0.46 -0.98	26.31 -0.26 -0.41	22.69 -0.38 -0.54	21.64 0.09 0.00	20.46 0.44 0.00
OSWEGATCHIE___HYD 24044	17.31 -0.17 0.00	15.56 -0.13 0.00	13.82 -0.11 0.00	13.35 -0.11 0.00	14.16 -0.08 0.00	17.05 -0.05 0.00	22.48 -0.04 0.00	24.17 0.10 -0.02	24.08 0.14 -0.06	23.85 0.07 -0.06	25.76 0.05 0.00	25.20 -0.05 0.00	22.88 -0.09 -0.03	22.78 -0.14 -0.02	22.93 -0.19 -0.02	24.85 -0.17 0.00	24.37 -0.15 -0.09	24.92 -0.12 -0.15	24.75 -0.07 -0.23	28.78 -0.06 -0.14	26.14 -0.08 -0.06	22.67 0.07 -0.08	21.59 0.04 0.00	20.06 0.04 0.00
OSWEGO___5 23606	17.26 -0.23 0.00	15.49 -0.19 0.00	13.75 -0.18 0.00	13.30 -0.16 0.00	14.07 -0.17 0.00	16.90 -0.20 0.00	22.23 -0.29 0.00	23.73 -0.39 -0.07	23.62 -0.43 -0.18	23.46 -0.43 -0.18	25.27 -0.44 0.00	24.82 -0.43 0.00	22.63 -0.39 -0.07	22.56 -0.39 -0.06	22.79 -0.37 -0.07	24.61 -0.43 -0.01	24.25 -0.42 -0.25	24.91 -0.40 -0.43	24.81 -0.42 -0.63	28.62 -0.46 -0.38	25.90 -0.42 -0.16	22.38 -0.36 -0.21	21.23 -0.32 0.00	19.76 -0.26 0.00
OSWEGO___6 23613	17.26 -0.23 0.00	15.49 -0.19 0.00	13.75 -0.18 0.00	13.30 -0.16 0.00	14.07 -0.17 0.00	16.90 -0.20 0.00	22.23 -0.29 0.00	23.73 -0.39 -0.07	23.62 -0.43 -0.18	23.46 -0.43 -0.18	25.27 -0.44 0.00	24.82 -0.43 0.00	22.63 -0.39 -0.07	22.56 -0.39 -0.06	22.79 -0.37 -0.07	24.61 -0.43 -0.01	24.25 -0.42 -0.25	24.91 -0.40 -0.43	24.81 -0.42 -0.63	28.62 -0.46 -0.38	25.90 -0.42 -0.16	22.38 -0.36 -0.21	21.23 -0.32 0.00	19.76 -0.26 0.00
OUTOKUMPU-AB___DRP 24206	17.69 0.21 0.00	16.03 0.35 0.00	14.18 0.25 0.00	13.84 0.38 0.00	14.67 0.43 0.00	17.50 0.39 0.00	22.64 0.11 0.00	23.57 0.11 -0.14	23.65 -0.60 -0.38	23.61 -0.47 -0.38	25.58 -0.13 0.00	25.27 0.03 0.00	22.78 -0.32 -0.16	22.75 -0.27 -0.14	23.03 -0.21 -0.14	25.10 0.05 -0.03	24.58 -0.37 -0.53	25.40 -0.40 -0.91	25.45 -0.49 -1.35	28.82 -0.69 -0.82	26.06 -0.44 -0.35	22.44 -0.54 -0.46	21.38 -0.17 0.00	20.34 0.32 0.00
OXBOW___ 24026	17.48 0.00 0.00	15.84 0.16 0.00	14.01 0.08 0.00	13.68 0.21 0.00	14.49 0.24 0.00	17.29 0.19 0.00	22.37 -0.16 0.00	23.35 -0.84 -0.14	23.43 -0.81 -0.37	23.37 -0.71 -0.37	25.43 -0.28 0.00	24.92 -0.33 0.00	22.55 -0.55 -0.15	22.50 -0.53 -0.14	22.77 -0.46 -0.14	24.77 -0.27 -0.03	24.31 -0.64 -0.53	25.17 -0.62 -0.90	25.17 -0.76 -1.34	28.50 -1.01 -0.81	25.80 -0.70 -0.35	22.24 -0.74 -0.45	21.10 -0.45 0.00	20.10 0.08 0.00
OXY_CHEM_DSASP 323612	17.21 -0.28 0.00	15.57 -0.11 0.00	13.79 -0.14 0.00	13.45 -0.01 0.00	14.26 0.01 0.00	17.02 -0.09 0.00	22.01 -0.52 0.00	22.99 -1.20 -0.14	23.07 -1.17 -0.37	23.01 -1.07 -0.37	24.71 -1.00 0.00	24.42 -0.83 0.00	22.18 -0.92 -0.15	22.16 -0.87 -0.14	22.40 -0.83 -0.14	24.27 -0.78 -0.03	23.92 -1.03 -0.52	24.74 -1.05 -0.89	24.77 -1.16 -1.33	28.04 -1.46 -0.81	25.37 -1.12 -0.34	21.87 -1.10 -0.45	20.69 -0.86 0.00	19.76 -0.26 0.00
OZONE_PARK_ESR 323760	18.76 1.28 0.00	16.75 1.07 0.00	14.88 0.95 0.00	14.32 0.86 0.00	15.13 0.88 0.00	18.18 1.08 0.00	24.06 1.53 0.00	26.91 1.90 -0.96	28.36 1.96 -2.54	28.26 2.02 -2.54	27.87 2.16 0.00	27.45 2.20 0.00	26.01 2.02 -1.05	25.83 2.01 -0.93	26.04 2.01 -0.94	27.40 2.20 -0.18	30.03 2.03 -3.58	33.00 1.99 -6.12	35.60 1.89 -9.11	36.46 2.24 -5.53	30.39 1.88 -2.35	27.34 1.73 -3.08	23.21 1.66 0.00	21.34 1.32 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	17.21 -0.28 0.00	15.57 -0.11 0.00	13.79 -0.14 0.00	13.45 -0.01 0.00	14.26 0.01 0.00	17.02 -0.09 0.00	22.01 -0.52 0.00	22.99 -1.20 -0.14	23.07 -1.17 -0.37	23.01 -1.07 -0.37	24.71 -1.00 0.00	24.42 -0.83 0.00	22.18 -0.92 -0.15	22.16 -0.87 -0.14	22.40 -0.83 -0.14	24.27 -0.78 -0.03	23.92 -1.03 -0.52	24.74 -1.05 -0.89	24.77 -1.16 -1.33	28.04 -1.46 -0.81	25.37 -1.12 -0.34	21.87 -1.10 -0.45	20.69 -0.86 0.00	19.76 -0.26 0.00

PACKARD__115KV_DUPONT_184 80571	17.21 -0.28 0.00	15.57 -0.11 0.00	13.79 -0.14 0.00	13.45 -0.01 0.00	14.26 0.01 0.00	17.02 -0.09 0.00	22.01 -0.52 0.00	22.99 -1.20 -0.14	23.07 -1.17 -0.37	23.01 -1.07 -0.37	24.71 -1.00 0.00	24.42 -0.83 0.00	22.18 -0.92 -0.15	22.16 -0.87 -0.14	22.40 -0.83 -0.14	24.27 -0.78 -0.03	23.92 -1.03 -0.52	24.74 -1.05 -0.89	24.77 -1.16 -1.33	28.04 -1.46 -0.81	25.37 -1.12 -0.34	21.87 -1.10 -0.45	20.69 -0.86 0.00	19.76 -0.26 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	18.70 1.21 -0.01	16.73 1.04 -0.01	14.86 0.92 -0.01	14.30 0.83 -0.01	15.12 0.87 -0.01	18.15 1.04 -0.01	23.93 1.40 -0.01	26.73 1.71 -0.97	28.18 1.77 -2.54	28.06 1.80 -2.55	27.67 1.95 -0.01	27.25 1.99 -0.01	25.84 1.84 -1.06	25.66 1.83 -0.94	25.86 1.82 -0.94	27.21 2.00 -0.19	29.84 1.83 -3.59	32.81 1.79 -6.13	35.45 1.75 -9.11	36.26 2.04 -5.53	30.10 1.60 -2.35	27.21 1.60 -3.09	23.09 1.53 -0.01	21.29 1.26 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	18.91 1.42 -0.01	16.91 1.22 -0.01	15.04 1.10 -0.01	14.48 1.01 -0.01	15.28 1.03 -0.01	18.36 1.25 -0.01	24.18 1.64 -0.01	27.02 2.00 -0.97	28.44 2.03 -2.54	28.32 2.06 -2.55	27.93 2.21 -0.01	27.53 2.27 -0.01	26.09 2.09 -1.06	25.86 2.04 -0.94	26.10 2.06 -0.94	27.44 2.23 -0.19	30.06 2.05 -3.59	33.03 2.02 -6.13	35.70 1.99 -9.11	36.55 2.32 -5.53	30.34 1.83 -2.35	27.44 1.82 -3.09	23.31 1.75 -0.01	21.51 1.48 -0.01
PATROON__115KV_TB1 80586	17.96 0.47 0.00	16.06 0.38 0.00	14.32 0.39 0.00	13.82 0.36 0.00	14.64 0.40 0.00	17.58 0.48 0.00	23.16 0.63 0.00	25.98 0.72 -1.21	27.78 0.72 -3.19	27.59 0.69 -3.19	26.51 0.80 0.00	26.06 0.81 0.00	24.93 0.67 -1.32	24.75 0.69 -1.17	24.97 0.69 -1.18	26.05 0.80 -0.23	29.66 0.73 -4.50	33.37 0.77 -7.71	36.82 0.76 -11.47	36.55 0.89 -6.97	29.95 0.84 -2.96	27.08 0.68 -3.88	22.11 0.56 0.00	20.40 0.38 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	18.11 0.63 0.00	16.43 0.75 0.00	14.51 0.59 0.00	14.16 0.70 0.00	15.01 0.77 0.00	17.92 0.82 0.00	23.23 0.70 0.00	23.31 -0.89 -0.15	23.42 -0.86 -0.40	23.40 -0.71 -0.40	26.40 0.69 0.00	26.06 0.81 0.00	22.56 -0.55 -0.17	22.51 -0.53 -0.15	22.81 -0.44 -0.15	25.62 0.58 -0.03	24.36 -0.63 -0.57	25.24 -0.62 -0.98	25.36 -0.69 -1.45	28.63 -0.95 -0.88	25.85 -0.68 -0.37	22.23 -0.79 -0.49	22.00 0.45 0.00	20.88 0.86 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	18.59 1.10 0.00	16.62 0.94 0.00	14.76 0.84 0.00	14.21 0.75 0.00	15.00 0.75 0.00	17.98 0.87 0.00	23.81 1.28 0.00	26.64 1.61 -0.98	28.17 1.72 -2.58	28.05 1.75 -2.58	27.59 1.88 0.00	27.09 1.84 0.00	25.69 1.67 -1.07	25.41 1.58 -0.95	25.69 1.64 -0.95	27.06 1.85 -0.19	29.77 1.71 -3.64	32.93 1.82 -6.23	35.61 1.75 -9.27	36.39 2.07 -5.63	30.32 1.78 -2.39	27.15 1.49 -3.14	22.91 1.36 0.00	21.12 1.10 0.00
PEEKSKILL____ 23653	18.48 1.00 0.00	16.53 0.85 0.00	14.68 0.75 0.00	14.13 0.67 0.00	14.94 0.70 0.00	17.94 0.84 0.00	23.70 1.17 0.00	26.46 1.47 -0.94	27.88 1.53 -2.48	27.76 1.56 -2.49	27.36 1.65 0.00	26.94 1.69 0.00	25.53 1.56 -1.03	25.31 1.51 -0.91	25.56 1.55 -0.92	26.90 1.70 -0.18	29.49 1.56 -3.51	32.45 1.57 -6.00	35.04 1.53 -8.92	35.89 1.78 -5.42	30.00 1.54 -2.30	26.89 1.35 -3.02	22.87 1.31 0.00	21.02 1.00 0.00
PGE MADISON__WINDPWR 24146	18.78 1.29 0.00	16.91 1.22 0.00	14.97 1.05 0.00	14.47 1.01 0.00	15.33 1.08 0.00	18.56 1.45 0.00	24.37 1.85 0.00	26.35 2.00 -0.30	26.58 1.91 -0.80	26.27 1.75 -0.80	27.89 2.18 0.00	27.29 2.04 0.00	24.88 1.61 -0.33	24.78 1.60 -0.29	25.08 1.69 -0.30	27.13 2.05 -0.06	27.48 1.93 -1.13	28.88 2.06 -1.93	29.60 2.14 -2.87	33.11 2.67 -1.75	29.20 2.30 -0.74	25.32 1.82 -0.97	23.36 1.81 0.00	21.62 1.60 0.00
PIERCEFIELD__HYD 23852	17.14 -0.35 0.00	15.40 -0.28 0.00	13.71 -0.22 0.00	13.23 -0.23 0.00	14.05 -0.20 0.00	16.88 -0.22 0.00	22.28 -0.25 0.00	23.93 -0.12 0.00	23.85 -0.02 0.00	23.64 -0.07 0.00	25.58 -0.13 0.00	25.05 -0.20 0.00	22.74 -0.21 0.00	22.66 -0.23 0.00	22.75 -0.35 0.00	24.62 -0.40 0.00	24.01 -0.42 0.00	24.49 -0.40 0.00	24.22 -0.37 0.00	28.23 -0.46 0.00	25.76 -0.39 0.00	22.41 -0.11 0.00	21.47 -0.09 0.00	19.94 -0.08 0.00
PINELAWN_CC_1 323563	19.11 1.63 0.00	17.06 1.38 0.00	15.11 1.18 0.00	14.52 1.06 0.00	15.36 1.11 0.00	18.62 1.51 -0.01	24.42 1.89 0.00	27.37 2.36 -0.96	28.92 2.51 -2.55	28.75 2.49 -2.55	28.30 2.57 -0.02	28.69 2.60 -0.83	27.22 2.36 -1.92	27.47 2.34 -2.25	27.94 2.38 -2.47	29.14 2.63 -1.49	30.48 2.47 -3.60	33.58 2.56 -6.13	36.42 2.48 -9.35	37.39 2.90 -5.80	31.05 2.54 -2.36	27.98 2.16 -3.29	23.76 2.20 -0.01	21.83 1.80 -0.01
PJM_GEN_HTP_PROXY 323702	18.62 1.14 0.00	16.64 0.96 0.00	14.78 0.85 0.00	14.23 0.77 0.00	15.03 0.78 0.00	18.06 0.96 0.00	23.88 1.35 0.00	26.72 1.71 -0.96	28.17 1.77 -2.54	28.05 1.80 -2.54	27.58 1.88 0.00	27.22 1.97 0.00	25.83 1.84 -1.05	25.63 1.81 -0.93	25.86 1.82 -0.94	27.20 2.00 -0.18	29.81 1.81 -3.58	32.75 1.74 -6.12	35.38 1.67 -9.11	36.20 1.98 -5.53	30.18 1.68 -2.35	27.16 1.55 -3.08	23.08 1.53 0.00	21.20 1.18 0.00
PJM_GEN_KEystone 24065	18.04 0.56 0.00	16.23 0.55 0.00	14.39 0.46 0.00	13.93 0.47 0.00	14.74 0.50 0.00	17.65 0.55 0.00	23.11 0.58 0.00	24.93 0.31 -0.57	25.70 0.33 -1.50	25.61 0.40 -1.50	26.53 0.82 0.00	26.08 0.83 0.00	24.05 0.48 -0.62	23.92 0.48 -0.55	24.18 0.53 -0.55	25.95 0.82 -0.11	26.97 0.44 -2.11	28.95 0.45 -3.61	30.36 0.39 -5.38	32.36 0.40 -3.27	27.96 0.42 -1.39	24.64 0.29 -1.82	22.15 0.60 0.00	20.62 0.60 0.00
PJM_GEN_NEPTUNE_PROXY 323594	18.85 1.36 0.00	16.83 1.14 0.00	14.90 0.97 0.00	14.34 0.87 0.00	15.16 0.91 0.00	18.34 1.23 -0.01	24.06 1.53 0.00	26.96 1.95 -0.96	28.49 2.08 -2.54	28.37 2.11 -2.55	27.86 2.13 -0.02	28.26 2.17 -0.83	26.83 1.97 -1.92	27.08 1.94 -2.25	27.55 1.99 -2.47	28.68 2.18 -1.49	30.02 2.00 -3.60	33.10 2.09 -6.13	35.73 2.02 -9.12	36.62 2.38 -5.54	30.58 2.07 -2.36	27.60 1.78 -3.29	23.39 1.83 -0.01	21.51 1.48 -0.01
PJM_GEN_VFT_PROXY 323633	18.57 1.08 0.00	16.58 0.89 0.00	14.72 0.79 0.00	14.19 0.73 0.00	14.99 0.74 0.00	17.99 0.89 0.00	23.79 1.26 0.00	26.60 1.59 -0.96	28.05 1.65 -2.54	27.93 1.68 -2.54	27.46 1.75 0.00	27.12 1.87 0.00	25.74 1.74 -1.05	25.56 1.74 -0.93	25.76 1.73 -0.94	27.08 1.88 -0.18	29.68 1.68 -3.58	32.63 1.62 -6.12	35.23 1.53 -9.11	36.04 1.81 -5.53	30.05 1.54 -2.35	27.05 1.44 -3.08	23.00 1.44 0.00	21.12 1.10 0.00
PLATSBRG_115KV_PMLD1 355749	17.43 -0.05 0.00	15.73 0.05 0.00	14.00 0.07 0.00	13.56 0.09 0.00	14.34 0.10 0.00	17.22 0.12 0.00	22.73 0.20 0.00	23.93 -0.12 0.00	23.94 0.07 0.00	23.76 0.05 0.00	25.71 0.00 0.00	25.12 -0.13 0.00	22.76 -0.18 0.00	22.61 -0.27 0.00	22.70 -0.39 0.00	24.49 -0.53 0.00	24.40 -0.02 0.00	24.99 0.10 0.00	24.79 0.20 0.00	28.81 0.11 0.00	26.29 0.13 0.00	22.68 0.16 0.00	21.64 0.09 0.00	20.02 0.00 0.00

PLEASANTVLY___LBMP 24000	18.38 0.89 0.00	16.43 0.75 0.00	14.61 0.68 0.00	14.08 0.62 0.00	14.89 0.64 0.00	17.87 0.77 0.00	23.59 1.06 0.00	26.42 1.35 -1.02	27.95 1.38 -2.69	27.83 1.42 -2.70	27.25 1.54 0.00	26.79 1.54 0.00	25.46 1.40 -1.12	25.27 1.40 -0.99	25.50 1.41 -0.99	26.76 1.55 -0.19	29.67 1.44 -3.80	32.84 1.44 -6.51	35.68 1.40 -9.68	36.21 1.64 -5.88	30.09 1.44 -2.50	27.06 1.26 -3.28	22.72 1.16 0.00	20.92 0.90 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	18.53 1.05 0.00	16.58 0.89 0.00	14.72 0.79 0.00	14.19 0.73 0.00	14.99 0.74 0.00	18.01 0.91 0.00	23.79 1.26 0.00	26.62 1.59 -0.98	28.10 1.65 -2.58	27.98 1.68 -2.58	27.53 1.83 0.00	27.09 1.84 0.00	25.69 1.67 -1.07	25.48 1.65 -0.95	25.71 1.66 -0.95	27.03 1.83 -0.19	29.77 1.71 -3.64	32.83 1.72 -6.23	35.51 1.65 -9.27	36.24 1.92 -5.63	30.19 1.65 -2.39	27.15 1.49 -3.13	22.93 1.38 0.00	21.10 1.08 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	18.53 1.05 0.00	16.58 0.89 0.00	14.72 0.79 0.00	14.19 0.73 0.00	14.99 0.74 0.00	18.01 0.91 0.00	23.79 1.26 0.00	26.62 1.59 -0.98	28.10 1.65 -2.58	27.98 1.68 -2.58	27.53 1.83 0.00	27.09 1.84 0.00	25.69 1.67 -1.07	25.48 1.65 -0.95	25.71 1.66 -0.95	27.03 1.83 -0.19	29.77 1.71 -3.64	32.83 1.72 -6.23	35.51 1.65 -9.27	36.24 1.92 -5.63	30.19 1.65 -2.39	27.15 1.49 -3.13	22.93 1.38 0.00	21.10 1.08 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	18.46 0.98 0.00	16.51 0.83 0.00	14.67 0.74 0.00	14.15 0.69 0.00	14.94 0.70 0.00	17.92 0.82 0.00	23.68 1.15 0.00	26.48 1.44 -0.99	27.95 1.48 -2.60	27.81 1.49 -2.60	27.33 1.62 0.00	26.84 1.59 0.00	25.49 1.47 -1.08	25.26 1.42 -0.95	25.51 1.46 -0.96	26.86 1.65 -0.19	29.60 1.51 -3.67	32.71 1.54 -6.28	35.46 1.52 -9.34	36.15 1.78 -5.68	30.11 1.54 -2.41	27.01 1.33 -3.16	22.76 1.21 0.00	21.00 0.98 0.00
POLETTI____ 23519	18.60 1.12 0.00	16.62 0.94 0.00	14.76 0.84 0.00	14.21 0.75 0.00	15.01 0.77 0.00	18.04 0.94 0.00	23.86 1.33 0.00	26.70 1.68 -0.96	28.15 1.74 -2.54	28.03 1.78 -2.54	27.61 1.90 0.00	27.19 1.94 0.00	25.81 1.81 -1.05	25.63 1.81 -0.93	25.83 1.80 -0.94	27.18 1.98 -0.18	29.78 1.78 -3.58	32.75 1.74 -6.12	35.35 1.65 -9.11	36.15 1.92 -5.53	30.13 1.62 -2.35	27.14 1.53 -3.08	23.02 1.47 0.00	21.18 1.16 0.00
POMONA___ESR 323819	18.46 0.98 0.00	16.53 0.85 0.00	14.67 0.74 0.00	14.13 0.67 0.00	14.94 0.70 0.00	17.94 0.84 0.00	23.68 1.15 0.00	26.37 1.42 -0.90	27.72 1.48 -2.37	27.60 1.52 -2.37	27.30 1.59 0.00	26.89 1.64 0.00	25.44 1.51 -0.98	25.25 1.49 -0.87	25.50 1.52 -0.88	26.87 1.68 -0.17	29.31 1.54 -3.35	32.16 1.54 -5.73	34.61 1.50 -8.52	35.62 1.75 -5.18	29.87 1.52 -2.20	26.74 1.33 -2.88	22.84 1.29 0.00	21.00 0.98 0.00
PORT_JEFF_3 23555	19.27 1.78 0.00	17.22 1.54 0.00	15.25 1.32 0.00	14.65 1.18 0.00	15.50 1.25 0.00	18.79 1.68 -0.01	24.60 2.07 0.00	27.63 2.62 -0.96	29.22 2.79 -2.55	29.06 2.80 -2.56	28.53 2.80 -0.02	28.94 2.85 -0.83	27.45 2.59 -1.92	27.70 2.56 -2.25	28.17 2.61 -2.47	29.44 2.93 -1.50	30.74 2.71 -3.61	33.88 2.81 -6.18	39.94 2.71 -12.64	41.49 3.16 -9.64	31.37 2.80 -2.42	28.21 2.39 -3.29	23.97 2.41 -0.01	22.03 2.00 -0.01
PORT_JEFF_4 23616	19.27 1.78 0.00	17.22 1.54 0.00	15.25 1.32 0.00	14.65 1.18 0.00	15.50 1.25 0.00	18.79 1.68 -0.01	24.60 2.07 0.00	27.63 2.62 -0.96	29.22 2.79 -2.55	29.06 2.80 -2.56	28.53 2.80 -0.02	28.94 2.85 -0.83	27.45 2.59 -1.92	27.70 2.56 -2.25	28.17 2.61 -2.47	29.44 2.93 -1.50	30.74 2.71 -3.61	33.88 2.81 -6.18	39.94 2.71 -12.64	41.49 3.16 -9.64	31.37 2.80 -2.42	28.21 2.39 -3.29	23.97 2.41 -0.01	22.03 2.00 -0.01
PORT_JEFF_IC 23713	19.30 1.82 0.00	17.25 1.57 0.00	15.28 1.35 0.00	14.67 1.21 0.00	15.51 1.27 0.00	18.82 1.71 -0.01	24.64 2.12 0.00	27.68 2.67 -0.96	29.27 2.84 -2.56	29.12 2.84 -2.56	28.60 2.88 -0.02	28.99 2.90 -0.83	27.50 2.64 -1.92	27.74 2.61 -2.25	28.22 2.65 -2.47	29.50 2.98 -1.50	30.81 2.78 -3.61	33.94 2.86 -6.20	40.56 2.78 -13.19	42.21 3.24 -10.28	31.46 2.88 -2.43	28.25 2.43 -3.29	24.04 2.48 -0.01	22.07 2.04 -0.01
PPL PILGRIM_ST_GT1 24216	19.23 1.75 0.00	17.17 1.49 0.00	15.21 1.28 0.00	14.62 1.16 0.00	15.46 1.21 0.00	18.75 1.64 -0.01	24.58 2.05 0.00	27.59 2.57 -0.96	29.14 2.72 -2.55	28.96 2.70 -2.55	28.50 2.78 -0.02	28.91 2.83 -0.83	27.43 2.57 -1.92	27.65 2.52 -2.25	28.13 2.56 -2.47	29.36 2.85 -1.49	30.71 2.69 -3.60	33.81 2.79 -6.14	37.09 2.66 -9.84	38.17 3.10 -6.38	31.30 2.77 -2.37	28.16 2.34 -3.29	23.93 2.37 -0.01	21.99 1.96 -0.01
PPL PILGRIM_ST_GT2 24217	19.23 1.75 0.00	17.17 1.49 0.00	15.21 1.28 0.00	14.62 1.16 0.00	15.46 1.21 0.00	18.75 1.64 -0.01	24.58 2.05 0.00	27.59 2.57 -0.96	29.14 2.72 -2.55	28.96 2.70 -2.55	28.50 2.78 -0.02	28.91 2.83 -0.83	27.43 2.57 -1.92	27.65 2.52 -2.25	28.13 2.56 -2.47	29.36 2.85 -1.49	30.71 2.69 -3.60	33.81 2.79 -6.14	37.09 2.66 -9.84	38.17 3.10 -6.38	31.30 2.77 -2.37	28.16 2.34 -3.29	23.93 2.37 -0.01	21.99 1.96 -0.01
PPL_SHRM_GT3 24213	19.41 1.92 0.00	17.36 1.68 0.00	15.38 1.45 0.00	14.77 1.31 0.00	15.61 1.37 0.00	18.92 1.81 -0.01	24.80 2.27 0.00	27.85 2.84 -0.96	29.46 3.03 -2.56	29.28 3.01 -2.56	28.73 3.01 -0.02	29.11 3.03 -0.83	27.61 2.75 -1.92	27.88 2.75 -2.25	28.36 2.79 -2.47	29.67 3.15 -1.50	30.98 2.95 -3.61	34.13 3.06 -6.19	40.26 2.95 -12.72	41.86 3.44 -9.72	31.63 3.06 -2.42	28.41 2.59 -3.29	24.17 2.61 -0.01	22.19 2.16 -0.01
PPL_SHRM_GT4 24214	19.41 1.92 0.00	17.36 1.68 0.00	15.38 1.45 0.00	14.77 1.31 0.00	15.61 1.37 0.00	18.92 1.81 -0.01	24.80 2.27 0.00	27.85 2.84 -0.96	29.46 3.03 -2.56	29.28 3.01 -2.56	28.73 3.01 -0.02	29.11 3.03 -0.83	27.61 2.75 -1.92	27.88 2.75 -2.25	28.36 2.79 -2.47	29.67 3.15 -1.50	30.98 2.95 -3.61	34.13 3.06 -6.19	40.26 2.95 -12.72	41.86 3.44 -9.72	31.63 3.06 -2.42	28.41 2.59 -3.29	24.17 2.61 -0.01	22.19 2.16 -0.01
PROJECT___ORANGE 1 24174	17.48 0.00 0.00	15.71 0.03 0.00	13.93 0.00 0.00	13.47 0.01 0.00	14.27 0.03 0.00	17.15 0.05 0.00	22.55 0.02 0.00	24.06 -0.07 -0.09	23.98 -0.12 -0.23	23.82 -0.12 -0.23	25.61 -0.10 0.00	25.15 -0.10 0.00	22.97 -0.07 -0.09	22.90 -0.07 -0.08	23.11 -0.07 -0.08	24.94 -0.10 -0.02	24.64 -0.10 -0.32	25.33 -0.10 -0.54	25.31 -0.10 -0.81	29.10 -0.09 -0.49	26.31 -0.05 -0.21	22.78 -0.02 -0.27	21.55 0.00 0.00	20.06 0.04 0.00
PROJECT___ORANGE 2 24166	17.48 0.00 0.00	15.71 0.03 0.00	13.93 0.00 0.00	13.47 0.01 0.00	14.27 0.03 0.00	17.15 0.05 0.00	22.55 0.02 0.00	24.06 -0.07 -0.09	23.98 -0.12 -0.23	23.82 -0.12 -0.23	25.61 -0.10 0.00	25.15 -0.10 0.00	22.97 -0.07 -0.09	22.90 -0.07 -0.08	23.11 -0.07 -0.08	24.94 -0.10 -0.02	24.64 -0.10 -0.32	25.33 -0.10 -0.54	25.31 -0.10 -0.81	29.10 -0.09 -0.49	26.31 -0.05 -0.21	22.78 -0.02 -0.27	21.55 0.00 0.00	20.06 0.04 0.00

PUCKETT___SOLAR 323809	18.10	16.26	14.42	13.96	14.79	17.77	23.34	25.06	25.35	25.13	26.58	26.08	23.82	23.74	23.98	25.90	26.25	27.61	28.34	31.45	27.79	24.19	22.35	20.74
	0.61	0.58	0.49	0.50	0.54	0.67	0.81	0.70	0.64	0.59	0.87	0.83	0.53	0.55	0.58	0.82	0.66	0.72	0.76	0.95	0.86	0.65	0.80	0.72
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.31	-0.83	-0.83	0.00	0.00	-0.34	-0.30	-0.31	-0.06	-1.17	-2.00	-2.98	-1.81	-0.77	-1.01	0.00	0.00
PYRITES___HYD 24023	17.31	15.56	13.83	13.37	14.16	17.05	22.48	24.22	24.13	23.88	25.86	25.27	22.94	22.87	22.98	24.89	24.32	24.81	24.59	28.66	26.13	22.66	21.68	20.12
	-0.17	-0.13	-0.10	-0.09	-0.09	-0.05	-0.05	0.17	0.26	0.17	0.15	0.03	0.00	-0.02	-0.12	-0.13	-0.10	-0.07	0.00	-0.03	-0.03	0.14	0.13	0.10
	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
QUAKERRD_115KV_BK1 80622	17.08	15.37	13.62	13.23	14.02	16.78	22.01	23.68	23.65	23.49	25.01	24.57	22.62	22.60	22.85	24.54	24.48	25.19	25.19	28.85	26.02	22.39	20.93	19.62
	-0.40	-0.31	-0.31	-0.23	-0.23	-0.32	-0.52	-0.48	-0.50	-0.50	-0.69	-0.68	-0.44	-0.39	-0.35	-0.50	-0.34	-0.37	-0.42	-0.46	-0.39	-0.47	-0.63	-0.40
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.11	-0.28	-0.28	0.00	0.00	-0.12	-0.10	-0.10	-0.02	-0.40	-0.68	-1.01	-0.61	-0.26	-0.34	0.00	0.00
QUENSBRY_115KV_TB8 356137	18.90	16.87	14.99	14.46	15.41	18.61	24.53	27.33	29.13	28.91	27.92	27.42	26.06	25.89	26.12	27.10	30.77	34.64	38.04	37.89	31.34	28.22	23.25	21.38
	1.42	1.19	1.06	1.00	1.17	1.51	2.00	2.04	2.01	1.94	2.21	2.17	1.77	1.81	1.82	1.85	1.76	1.89	1.75	2.09	2.17	1.73	1.70	1.36
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.23	-3.26	-3.26	0.00	0.00	-1.35	-1.19	-1.20	-0.23	-4.60	-7.86	-11.70	-7.11	-3.02	-3.96	0.00	0.00
RAMAPO___LBMP 323565	18.41	16.47	14.63	14.09	14.90	17.89	23.59	26.27	27.61	27.47	27.23	26.79	25.34	25.15	25.37	26.74	29.19	32.02	34.46	35.47	29.75	26.61	22.69	20.94
	0.93	0.78	0.70	0.63	0.66	0.79	1.06	1.32	1.38	1.40	1.52	1.54	1.42	1.40	1.41	1.55	1.44	1.44	1.40	1.64	1.41	1.22	1.14	0.92
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.89	-2.36	-2.36	0.00	0.00	-0.98	-0.86	-0.87	-0.17	-3.33	-5.69	-8.47	-5.14	-2.18	-2.86	0.00	0.00
RANKINE____ 23646	17.92	16.23	14.35	14.00	14.84	17.72	22.98	23.65	23.74	23.71	25.99	25.68	22.86	22.81	23.08	25.40	24.66	25.52	25.60	28.96	26.16	22.51	21.70	20.62
	0.44	0.55	0.42	0.54	0.60	0.62	0.45	-0.55	-0.53	-0.40	0.28	0.43	-0.25	-0.23	-0.16	0.35	-0.32	-0.32	-0.42	-0.60	-0.37	-0.50	0.15	0.60
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.15	-0.40	-0.40	0.00	0.00	-0.16	-0.15	-0.15	-0.03	-0.56	-0.96	-1.43	-0.87	-0.37	-0.48	0.00	0.00
RAVENSWOOD_GT2_1 24244	18.62	16.64	14.78	14.23	15.04	18.06	23.88	26.72	28.17	28.05	27.66	27.24	25.83	25.65	25.86	27.20	29.81	32.80	35.40	36.21	30.18	27.18	23.04	21.20
	1.14	0.96	0.85	0.77	0.80	0.96	1.35	1.71	1.77	1.80	1.95	1.99	1.84	1.83	1.82	2.00	1.81	1.79	1.70	1.98	1.67	1.58	1.49	1.18
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.96	-2.54	-2.54	0.00	0.00	-1.05	-0.93	-0.94	-0.18	-3.58	-6.12	-9.11	-5.53	-2.35	-3.08	0.00	0.00
RAVENSWOOD_GT2_2 24245	18.62	16.64	14.78	14.23	15.04	18.06	23.88	26.72	28.17	28.05	27.66	27.24	25.83	25.65	25.86	27.20	29.81	32.80	35.40	36.21	30.18	27.18	23.04	21.20
	1.14	0.96	0.85	0.77	0.80	0.96	1.35	1.71	1.77	1.80	1.95	1.99	1.84	1.83	1.82	2.00	1.81	1.79	1.70	1.98	1.67	1.58	1.49	1.18
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.96	-2.54	-2.54	0.00	0.00	-1.05	-0.93	-0.94	-0.18	-3.58	-6.12	-9.11	-5.53	-2.35	-3.08	0.00	0.00
RAVENSWOOD_GT2_3 24246	18.64	16.64	14.78	14.24	15.04	18.08	23.90	26.74	28.20	28.07	27.66	27.24	25.85	25.65	25.86	27.20	29.83	32.80	35.43	36.24	30.20	27.18	23.04	21.20
	1.15	0.96	0.85	0.78	0.80	0.97	1.37	1.73	1.79	1.83	1.95	1.99	1.86	1.83	1.82	2.00	1.83	1.79	1.72	2.01	1.70	1.58	1.49	1.18
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.96	-2.54	-2.54	0.00	0.00	-1.05	-0.93	-0.94	-0.18	-3.58	-6.12	-9.11	-5.53	-2.35	-3.08	0.00	0.00
RAVENSWOOD_GT2_4 24247	18.64	16.64	14.78	14.24	15.04	18.08	23.90	26.74	28.20	28.07	27.66	27.24	25.85	25.65	25.86	27.20	29.83	32.80	35.43	36.24	30.20	27.18	23.04	21.20
	1.15	0.96	0.85	0.78	0.80	0.97	1.37	1.73	1.79	1.83	1.95	1.99	1.86	1.83	1.82	2.00	1.83	1.79	1.72	2.01	1.70	1.58	1.49	1.18
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.96	-2.54	-2.54	0.00	0.00	-1.05	-0.93	-0.94	-0.18	-3.58	-6.12	-9.11	-5.53	-2.35	-3.08	0.00	0.00
RAVENSWOOD_GT3_1 24248	18.64	16.64	14.78	14.23	15.04	18.08	23.88	26.72	28.17	28.07	27.66	27.24	25.83	25.65	25.86	27.20	29.83	32.80	35.40	36.21	30.18	27.18	23.04	21.20
	1.15	0.96	0.85	0.77	0.80	0.97	1.35	1.71	1.77	1.83	1.95	1.99	1.84	1.83	1.82	2.00	1.83	1.79	1.70	1.98	1.67	1.58	1.49	1.18
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.96	-2.54	-2.54	0.00	0.00	-1.05	-0.93	-0.94	-0.18	-3.58	-6.12	-9.11	-5.53	-2.35	-3.08	0.00	0.00
RAVENSWOOD_GT3_2 24249	18.64	16.64	14.78	14.23	15.04	18.08	23.88	26.72	28.17	28.07	27.66	27.24	25.83	25.65	25.86	27.20	29.83	32.80	35.40	36.21	30.18	27.18	23.04	21.20
	1.15	0.96	0.85	0.77	0.80	0.97	1.35	1.71	1.77	1.83	1.95	1.99	1.84	1.83	1.82	2.00	1.83	1.79	1.70	1.98	1.67	1.58	1.49	1.18
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.96	-2.54	-2.54	0.00	0.00	-1.05	-0.93	-0.94	-0.18	-3.58	-6.12	-9.11	-5.53	-2.35	-3.08	0.00	0.00
RAVENSWOOD_GT3_3 24250	18.66	16.65	14.79	14.24	15.06	18.09	23.92	26.77	28.22	28.10	27.69	27.27	25.88	25.67	25.88	27.23	29.86	32.83	35.45	36.26	30.20	27.21	23.06	21.22
	1.17	0.97	0.86	0.78	0.81	0.99	1.40	1.76	1.81	1.85	1.98	2.02	1.88	1.85	1.85	2.03	1.86	1.82	1.75	2.04	1.70	1.60	1.51	1.20
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.96	-2.54	-2.54	0.00	0.00	-1.05	-0.93	-0.94	-0.18	-3.58	-6.12	-9.11	-5.53	-2.35	-3.08	0.00	0.00
RAVENSWOOD_GT3_4 24251	18.66	16.65	14.79	14.24	15.06	18.09	23.92	26.77	28.22	28.10	27.69	27.27	25.88	25.67	25.88	27.23	29.86	32.83	35.45	36.26	30.20	27.21	23.06	21.22
	1.17	0.97	0.86	0.78	0.81	0.99	1.40	1.76	1.81	1.85	1.98	2.02	1.88	1.85	1.85	2.03	1.86	1.82	1.75	2.04	1.70	1.60	1.51	1.20
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.96	-2.54	-2.54	0.00	0.00	-1.05	-0.93	-0.94	-0.18	-3.58	-6.12	-9.11	-5.53	-2.35	-3.08	0.00	0.00
RAVENSWOOD_GT_1 23729	18.72	16.72	14.86	14.30	15.11	18.15	24.00	26.85	28.30	30.25	27.75	27.40	27.40	27.40	27.40	28.35	29.94	32.91	35.52	36.32	30.23	27.28	23.20	21.31
	1.22	1.03	0.92	0.83	0.85	1.04	1.46	1.83	1.89	1.92	2.03	2.09	1.95	1.92	1.94	2.10	1.93	1.89	1.82	2.09	1.73	1.67	1.64	1.28
	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.97	-2.54	-4.62	-0.01	-0.06	-2.51	-2.59	-2.36	-1.23	-3.59	-6.13	-9.11	-5.53	-2.35	-3.09	-0.01	-0.01

RAVENSWOOD_GT_10 24258	18.62 1.14 0.00	16.64 0.96 0.00	14.78 0.85 0.00	14.23 0.77 0.00	15.03 0.78 0.00	18.06 0.96 0.00	23.88 1.35 0.00	26.72 1.71 -0.96	28.17 1.77 -2.54	28.29 1.80 -2.78	27.66 1.95 0.00	27.25 1.99 -0.01	26.00 1.84 -1.22	25.82 1.81 -1.12	26.02 1.82 -1.10	27.32 2.00 -0.30	29.81 1.81 -3.58	32.80 1.79 -6.12	35.40 1.70 -9.11	36.21 1.98 -5.53	30.18 1.67 -2.35	27.16 1.55 -3.08	23.04 1.49 0.00	21.20 1.18 0.00
RAVENSWOOD_GT_11 24259	18.62 1.14 0.00	16.64 0.96 0.00	14.78 0.85 0.00	14.23 0.77 0.00	15.03 0.78 0.00	18.06 0.96 0.00	23.88 1.35 0.00	26.72 1.71 -0.96	28.17 1.77 -2.54	28.29 1.80 -2.78	27.61 1.90 0.00	27.25 1.99 -0.01	26.00 1.84 -1.22	25.84 1.83 -1.12	26.02 1.82 -1.10	27.32 2.00 -0.30	29.81 1.81 -3.58	32.78 1.77 -6.12	35.40 1.70 -9.11	36.21 1.98 -5.53	30.18 1.68 -2.35	27.16 1.55 -3.08	23.08 1.53 0.00	21.20 1.18 0.00
RAVENSWOOD_GT_4 24252	18.61 1.12 -0.01	16.63 0.94 -0.01	14.77 0.84 -0.01	14.22 0.75 -0.01	15.03 0.78 -0.01	18.05 0.94 -0.01	23.86 1.33 -0.01	26.70 1.68 -0.97	28.16 1.74 -2.54	29.64 1.80 -4.12	27.64 1.93 -0.01	27.26 1.97 -0.04	26.92 1.81 -2.16	26.89 1.81 -2.19	26.92 1.80 -2.02	27.97 1.98 -0.98	29.79 1.78 -3.59	32.78 1.77 -6.13	35.38 1.67 -9.11	36.18 1.95 -5.53	30.18 1.67 -2.35	27.14 1.53 -3.09	23.02 1.47 -0.01	21.19 1.16 -0.01
RAVENSWOOD_GT_5 24254	18.61 1.12 -0.01	16.63 0.94 -0.01	14.77 0.84 -0.01	14.22 0.75 -0.01	15.03 0.78 -0.01	18.05 0.94 -0.01	23.86 1.33 -0.01	26.70 1.68 -0.97	28.16 1.74 -2.54	29.64 1.80 -4.12	27.64 1.93 -0.01	27.26 1.97 -0.04	26.92 1.81 -2.16	26.89 1.81 -2.19	26.92 1.80 -2.02	27.97 1.98 -0.98	29.79 1.78 -3.59	32.78 1.77 -6.13	35.38 1.67 -9.11	36.18 1.95 -5.53	30.18 1.67 -2.35	27.14 1.53 -3.09	23.02 1.47 -0.01	21.19 1.16 -0.01
RAVENSWOOD_GT_6 24253	18.61 1.12 -0.01	16.63 0.94 -0.01	14.77 0.84 -0.01	14.22 0.75 -0.01	15.03 0.78 -0.01	18.05 0.94 -0.01	23.86 1.33 -0.01	26.70 1.68 -0.97	28.16 1.74 -2.54	29.64 1.80 -4.12	27.64 1.93 -0.01	27.26 1.97 -0.04	26.92 1.81 -2.16	26.89 1.81 -2.19	26.92 1.80 -2.02	27.97 1.98 -0.98	29.79 1.78 -3.59	32.78 1.77 -6.13	35.38 1.67 -9.11	36.18 1.95 -5.53	30.18 1.67 -2.35	27.14 1.53 -3.09	23.02 1.47 -0.01	21.19 1.16 -0.01
RAVENSWOOD_GT_7 24255	18.61 1.12 -0.01	16.63 0.94 -0.01	14.77 0.84 -0.01	14.22 0.75 -0.01	15.03 0.78 -0.01	18.05 0.94 -0.01	23.86 1.33 -0.01	26.70 1.68 -0.97	28.16 1.74 -2.54	29.64 1.80 -4.12	27.64 1.93 -0.01	27.26 1.97 -0.04	26.92 1.81 -2.16	26.89 1.81 -2.19	26.92 1.80 -2.02	27.97 1.98 -0.98	29.79 1.78 -3.59	32.78 1.77 -6.13	35.38 1.67 -9.11	36.18 1.95 -5.53	30.18 1.67 -2.35	27.14 1.53 -3.09	23.02 1.47 -0.01	21.19 1.16 -0.01
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	18.62 1.14 0.00	16.64 0.96 0.00	14.78 0.85 0.00	14.23 0.77 0.00	15.03 0.78 0.00	18.06 0.96 0.00	23.88 1.35 0.00	26.72 1.71 -0.96	28.17 1.77 -2.54	28.29 1.80 -2.78	27.66 1.95 0.00	27.25 1.99 -0.01	26.00 1.84 -1.22	25.82 1.81 -1.12	26.02 1.82 -1.10	27.32 2.00 -0.30	29.81 1.81 -3.58	32.80 1.79 -6.12	35.40 1.70 -9.11	36.21 1.98 -5.53	30.18 1.67 -2.35	27.16 1.55 -3.08	23.04 1.49 0.00	21.20 1.18 0.00
RAVENSWOOD_GT_9 24257	18.62 1.14 0.00	16.64 0.96 0.00	14.78 0.85 0.00	14.23 0.77 0.00	15.03 0.78 0.00	18.06 0.96 0.00	23.88 1.35 0.00	26.72 1.71 -0.96	28.17 1.77 -2.54	28.29 1.80 -2.78	27.66 1.95 0.00	27.25 1.99 -0.01	26.00 1.84 -1.22	25.82 1.81 -1.12	26.02 1.82 -1.10	27.32 2.00 -0.30	29.81 1.81 -3.58	32.80 1.79 -6.12	35.40 1.70 -9.11	36.21 1.98 -5.53	30.18 1.67 -2.35	27.16 1.55 -3.08	23.04 1.49 0.00	21.20 1.18 0.00
RAVENSWOOD___1 23533	18.72 1.22 -0.01	16.72 1.03 -0.01	14.86 0.92 -0.01	14.30 0.83 -0.01	15.11 0.85 -0.01	18.15 1.04 -0.01	24.00 1.46 -0.01	26.85 1.83 -0.97	28.30 1.89 -2.54	30.25 1.92 -4.62	27.75 2.03 -0.01	27.40 2.09 -0.06	27.40 1.95 -2.51	27.40 1.92 -2.59	27.40 1.94 -2.36	28.35 2.10 -1.23	29.94 1.93 -3.59	32.91 1.89 -6.13	35.52 1.82 -9.11	36.32 2.09 -5.53	30.23 1.73 -2.35	27.28 1.67 -3.09	23.20 1.64 -0.01	21.31 1.28 -0.01
RAVENSWOOD___2 23534	18.68 1.19 -0.01	16.69 1.00 -0.01	14.83 0.89 -0.01	14.28 0.81 -0.01	15.08 0.83 -0.01	18.12 1.01 -0.01	23.96 1.42 -0.01	26.80 1.78 -0.97	28.25 1.84 -2.54	30.20 1.87 -4.62	27.70 1.98 -0.01	27.35 2.04 -0.06	27.35 1.90 -2.51	27.35 1.88 -2.59	27.35 1.89 -2.36	28.32 2.08 -1.23	29.89 1.88 -3.59	32.86 1.84 -6.13	35.48 1.77 -9.11	36.26 2.04 -5.53	30.18 1.68 -2.35	27.24 1.62 -3.09	23.15 1.59 -0.01	21.27 1.24 -0.01
RAVENSWOOD___3 23535	18.64 1.15 0.00	16.64 0.96 0.00	14.78 0.85 0.00	14.23 0.77 0.00	15.04 0.80 0.00	18.08 0.97 0.00	23.88 1.35 0.00	26.72 1.71 -0.96	28.17 1.77 -2.54	28.07 1.83 -2.54	27.61 1.90 0.00	27.24 1.99 0.00	25.83 1.84 -1.05	25.65 1.83 -0.93	25.86 1.82 -0.94	27.20 2.00 -0.18	29.83 1.83 -3.58	32.80 1.79 -6.12	35.40 1.70 -9.11	36.21 1.98 -5.53	30.18 1.68 -2.35	27.18 1.58 -3.08	23.10 1.55 0.00	21.20 1.18 0.00
RAVENSWOOD___4 23820	18.72 1.22 -0.01	16.72 1.03 -0.01	14.86 0.92 -0.01	14.30 0.83 -0.01	15.11 0.85 -0.01	18.15 1.04 -0.01	24.00 1.46 -0.01	26.85 1.83 -0.97	28.30 1.89 -2.54	30.25 1.92 -4.62	27.75 2.03 -0.01	27.40 2.09 -0.06	27.40 1.95 -2.51	27.40 1.92 -2.59	27.40 1.94 -2.36	28.35 2.10 -1.23	29.94 1.93 -3.59	32.91 1.89 -6.13	35.52 1.82 -9.11	36.32 2.09 -5.53	30.23 1.73 -2.35	27.28 1.67 -3.09	23.20 1.64 -0.01	21.31 1.28 -0.01
RCPL_TRUST___DRP 24196	18.64 1.15 0.00	16.65 0.97 0.00	14.79 0.86 0.00	14.24 0.78 0.00	15.04 0.80 0.00	18.08 0.97 0.00	23.90 1.37 0.00	26.77 1.76 -0.96	28.22 1.81 -2.54	28.10 1.85 -2.54	27.69 1.98 0.00	27.27 2.02 0.00	25.88 1.88 -1.05	25.67 1.85 -0.93	25.90 1.87 -0.94	27.25 2.05 -0.18	29.86 1.86 -3.58	32.80 1.79 -6.12	35.40 1.70 -9.11	36.24 2.01 -5.53	30.20 1.70 -2.35	27.18 1.58 -3.08	23.06 1.51 0.00	21.22 1.20 0.00
RED___ROCHESTER 323720	17.62 0.14 0.00	15.89 0.20 0.00	14.07 0.14 0.00	13.68 0.21 0.00	14.49 0.24 0.00	17.32 0.22 0.00	22.71 0.18 0.00	24.40 0.24 -0.11	24.40 0.24 -0.29	24.26 0.26 -0.29	25.94 0.23 0.00	25.38 0.13 0.00	23.34 0.28 -0.12	23.34 0.34 -0.11	23.62 0.42 -0.11	25.36 0.32 -0.02	25.30 0.46 -0.41	26.09 0.50 -0.70	26.03 0.39 -1.05	29.82 0.49 -0.64	26.92 0.50 -0.27	23.15 0.27 -0.35	21.59 0.04 0.00	20.28 0.26 0.00
REGAN___SOLAR 323812	19.43 1.94 0.00	17.39 1.71 0.00	15.42 1.49 0.00	14.86 1.40 0.00	15.94 1.69 0.00	19.29 2.19 0.00	25.75 3.22 0.00	28.47 3.17 -1.24	30.18 3.03 -3.28	29.91 2.92 -3.28	29.00 3.29 0.00	28.35 3.10 0.00	26.90 2.59 -1.36	26.75 2.65 -1.20	26.92 2.61 -1.21	28.23 2.98 -0.24	31.90 2.86 -4.63	35.97 3.16 -7.92	39.47 3.10 -11.78	39.58 3.73 -7.16	32.70 3.51 -3.04	29.39 2.88 -3.99	24.29 2.74 0.00	22.22 2.20 0.00

RENSSELAER___COGEN 23796	17.87 0.38 0.00	16.00 0.31 0.00	14.26 0.33 0.00	13.77 0.31 0.00	14.57 0.33 0.00	17.48 0.38 0.00	23.02 0.49 0.00	25.85 0.60 -1.20	27.61 0.57 -3.17	27.45 0.57 -3.17	26.33 0.62 0.00	25.90 0.66 0.00	24.81 0.55 -1.31	24.62 0.57 -1.16	24.84 0.58 -1.17	25.90 0.65 -0.23	29.50 0.61 -4.47	33.18 0.65 -7.65	36.61 0.64 -11.38	36.35 0.74 -6.91	29.77 0.68 -2.93	26.94 0.56 -3.85	22.05 0.50 0.00	20.30 0.28 0.00
REPUBLIC_115KV_BARTNBRK 55605	19.67 2.19 0.00	17.55 1.87 0.00	15.56 1.63 0.00	14.97 1.51 0.00	16.05 1.81 0.00	19.48 2.38 0.00	24.60 2.07 0.00	27.38 2.09 -1.23	29.15 2.03 -3.25	28.94 1.97 -3.26	27.97 2.26 0.00	27.45 2.20 0.00	26.08 1.79 -1.35	25.91 1.83 -1.19	26.14 1.85 -1.20	27.15 1.90 -0.23	30.82 1.81 -4.59	34.71 1.97 -7.86	38.13 1.84 -11.69	38.00 2.21 -7.10	31.42 2.25 -3.01	28.28 1.80 -3.96	23.28 1.72 0.00	21.40 1.38 0.00
REVERE_CPPR_DRP 24186	17.99 0.51 0.00	16.15 0.47 0.00	14.35 0.42 0.00	13.85 0.39 0.00	14.67 0.43 0.00	17.68 0.58 0.00	23.25 0.72 0.00	24.94 0.84 -0.05	24.83 0.84 -0.13	24.60 0.76 -0.13	26.63 0.93 0.00	26.08 0.83 0.00	23.66 0.67 -0.05	23.60 0.66 -0.05	23.81 0.67 -0.05	25.83 0.80 -0.01	25.38 0.78 -0.18	25.99 0.80 -0.30	25.88 0.84 -0.45	30.03 1.06 -0.28	27.19 0.92 -0.12	23.42 0.74 -0.15	22.24 0.69 0.00	20.66 0.64 0.00
REYNOLDS_115KV_TB3 80639	18.01 0.52 0.00	16.11 0.42 0.00	14.35 0.42 0.00	13.85 0.39 0.00	14.66 0.41 0.00	17.60 0.50 0.00	23.18 0.65 0.00	26.02 0.77 -1.20	27.78 0.74 -3.17	27.62 0.74 -3.17	26.53 0.82 0.00	26.08 0.83 0.00	24.97 0.71 -1.32	24.78 0.73 -1.16	25.01 0.74 -1.17	26.07 0.83 -0.23	29.70 0.81 -4.47	33.36 0.82 -7.66	36.80 0.81 -11.39	36.56 0.95 -6.92	29.98 0.89 -2.94	27.12 0.74 -3.85	22.16 0.60 0.00	20.44 0.42 0.00
RIVERBAY____ 323610	18.91 1.42 -0.01	16.91 1.22 -0.01	15.04 1.10 -0.01	14.48 1.01 -0.01	15.28 1.03 -0.01	18.36 1.25 -0.01	24.18 1.64 -0.01	27.02 2.00 -0.97	28.44 2.03 -2.54	28.32 2.06 -2.55	27.93 2.21 -0.01	27.53 2.27 -0.01	26.09 2.09 -1.06	25.86 2.04 -0.94	26.10 2.06 -0.94	27.44 2.23 -0.19	30.06 2.05 -3.59	33.03 2.02 -6.13	35.70 1.99 -9.11	36.55 2.32 -5.53	30.34 1.83 -2.35	27.44 1.82 -3.09	23.31 1.75 -0.01	21.51 1.48 -0.01
RIVERSDE_115KV_TB3 55908	17.94 0.45 0.00	16.06 0.38 0.00	14.32 0.39 0.00	13.81 0.35 0.00	14.63 0.38 0.00	17.56 0.46 0.00	23.14 0.61 0.00	25.98 0.72 -1.20	27.74 0.69 -3.18	27.58 0.69 -3.18	26.48 0.77 0.00	26.03 0.78 0.00	24.93 0.67 -1.32	24.72 0.66 -1.17	24.94 0.67 -1.17	26.02 0.78 -0.23	29.64 0.73 -4.48	33.33 0.77 -7.67	36.77 0.76 -11.41	36.52 0.89 -6.93	29.91 0.81 -2.94	27.06 0.68 -3.86	22.09 0.54 0.00	20.38 0.36 0.00
ROARING___BROOK_WT_PWR 323790	17.34 -0.14 0.00	15.56 -0.13 0.00	13.82 -0.11 0.00	13.35 -0.11 0.00	14.15 -0.10 0.00	17.00 -0.10 0.00	22.42 -0.11 0.00	23.93 -0.12 0.00	23.80 -0.07 0.00	23.69 -0.02 0.00	25.73 0.03 0.00	25.30 0.05 0.00	22.97 0.02 0.00	22.91 0.02 0.00	23.12 0.02 0.00	25.04 0.03 0.00	24.40 -0.02 0.00	24.81 -0.07 0.00	24.45 -0.15 0.00	28.49 -0.20 0.00	25.97 -0.18 0.00	22.34 -0.18 0.00	21.34 -0.22 0.00	19.74 -0.28 0.00
ROCHESRG_115KV_T4 355643	17.47 -0.02 0.00	15.74 0.06 0.00	13.96 0.03 0.00	13.57 0.11 0.00	14.36 0.11 0.00	17.19 0.09 0.00	22.48 -0.05 0.00	24.16 0.00 -0.11	24.14 -0.02 -0.29	24.00 0.00 -0.29	25.53 -0.18 0.00	25.10 -0.15 0.00	23.11 0.05 -0.12	23.09 0.09 -0.11	23.36 0.16 -0.11	25.06 0.03 -0.02	25.00 0.17 -0.41	25.73 0.15 -0.70	25.71 0.07 -1.04	29.44 0.11 -0.63	26.58 0.16 -0.27	22.88 0.00 -0.35	21.36 -0.19 0.00	20.08 0.06 0.00
ROCHESTER_9_IC 23652	17.55 0.07 0.00	15.82 0.14 0.00	14.01 0.08 0.00	13.62 0.16 0.00	14.43 0.19 0.00	17.27 0.17 0.00	22.62 0.09 0.00	24.31 0.14 -0.11	24.31 0.14 -0.29	24.15 0.14 -0.29	25.71 0.00 0.00	25.25 0.00 0.00	23.25 0.18 -0.12	23.25 0.25 -0.11	23.50 0.30 -0.11	25.24 0.20 -0.02	25.17 0.34 -0.41	25.92 0.32 -0.70	25.89 0.25 -1.05	29.65 0.32 -0.64	26.77 0.34 -0.27	23.01 0.14 -0.35	21.49 -0.06 0.00	20.18 0.16 0.00
ROCKVIEW_13_KV_LD 356306	18.62 1.14 0.00	16.65 0.97 0.00	14.79 0.86 0.00	14.24 0.78 0.00	15.04 0.80 0.00	18.08 0.97 0.00	23.88 1.35 0.00	26.72 1.71 -0.96	28.17 1.77 -2.54	28.05 1.80 -2.54	27.66 1.95 0.00	27.22 1.97 0.00	25.78 1.79 -1.05	25.58 1.76 -0.93	25.83 1.80 -0.94	27.18 1.98 -0.18	29.83 1.83 -3.58	32.85 1.84 -6.12	35.47 1.77 -9.11	36.29 2.07 -5.53	30.28 1.78 -2.35	27.18 1.58 -3.08	23.04 1.49 0.00	21.20 1.18 0.00
ROME____115KV_TB2 80656	17.99 0.51 0.00	16.15 0.47 0.00	14.35 0.42 0.00	13.85 0.39 0.00	14.67 0.43 0.00	17.68 0.58 0.00	23.25 0.72 0.00	24.94 0.84 -0.05	24.83 0.84 -0.13	24.60 0.76 -0.13	26.63 0.93 0.00	26.08 0.83 0.00	23.66 0.67 -0.05	23.60 0.66 -0.05	23.81 0.67 -0.05	25.83 0.80 -0.01	25.38 0.78 -0.18	25.99 0.80 -0.30	25.88 0.84 -0.45	30.03 1.06 -0.28	27.19 0.92 -0.12	23.42 0.74 -0.15	22.24 0.69 0.00	20.66 0.64 0.00
ROSETON___1 23587	18.36 0.87 0.00	16.43 0.75 0.00	14.60 0.67 0.00	14.07 0.61 0.00	14.87 0.63 0.00	17.85 0.75 0.00	23.56 1.04 0.00	26.04 1.11 -0.88	27.32 1.12 -2.33	27.20 1.16 -2.33	26.94 1.23 0.00	26.51 1.26 0.00	25.06 1.15 -0.97	24.89 1.14 -0.85	25.11 1.15 -0.86	26.46 1.28 -0.17	28.88 1.17 -3.29	31.68 1.17 -5.62	34.12 1.16 -8.37	35.12 1.35 -5.08	29.49 1.18 -2.16	26.37 1.01 -2.83	22.54 0.99 0.00	20.76 0.74 0.00
ROSETON___2 23588	18.36 0.87 0.00	16.43 0.75 0.00	14.60 0.67 0.00	14.07 0.61 0.00	14.87 0.63 0.00	17.85 0.75 0.00	23.56 1.04 0.00	26.04 1.11 -0.88	27.32 1.12 -2.33	27.20 1.16 -2.33	26.94 1.23 0.00	26.51 1.26 0.00	25.06 1.15 -0.97	24.89 1.14 -0.85	25.11 1.15 -0.86	26.46 1.28 -0.17	28.88 1.17 -3.29	31.68 1.17 -5.62	34.12 1.16 -8.37	35.12 1.35 -5.08	29.49 1.18 -2.16	26.37 1.01 -2.83	22.54 0.99 0.00	20.76 0.74 0.00
ROTTTRDAM_115KV_TB3 80664	18.24 0.75 0.00	16.33 0.64 0.00	14.50 0.57 0.00	14.00 0.54 0.00	14.84 0.60 0.00	17.84 0.74 0.00	23.54 1.01 0.00	26.42 1.13 -1.24	28.25 1.10 -3.28	28.08 1.09 -3.28	26.92 1.21 0.00	26.46 1.21 0.00	25.34 1.03 -1.36	25.12 1.03 -1.20	25.35 1.04 -1.21	26.41 1.15 -0.24	30.15 1.10 -4.63	33.95 1.14 -7.92	37.48 1.11 -11.78	37.17 1.32 -7.16	30.42 1.23 -3.04	27.55 1.04 -3.99	22.48 0.93 0.00	20.76 0.74 0.00
RUSSELL___1 23602	17.62 0.14 0.00	15.89 0.20 0.00	14.07 0.14 0.00	13.68 0.22 0.00	14.49 0.24 0.00	17.33 0.22 0.00	22.71 0.18 0.00	24.40 0.24 -0.11	24.40 0.24 -0.29	24.26 0.26 -0.29	25.84 0.13 0.00	25.38 0.13 0.00	23.34 0.28 -0.12	23.34 0.34 -0.11	23.62 0.42 -0.11	25.39 0.35 -0.02	25.30 0.46 -0.41	26.06 0.47 -0.70	26.04 0.39 -1.05	29.82 0.49 -0.64	26.92 0.50 -0.27	23.11 0.23 -0.35	21.59 0.04 0.00	20.28 0.26 0.00

RUSSELL___2 23532	17.62 0.14 0.00	15.89 0.20 0.00	14.07 0.14 0.00	13.68 0.22 0.00	14.49 0.24 0.00	17.33 0.22 0.00	22.71 0.18 0.00	24.40 0.24 -0.11	24.40 0.24 -0.29	24.26 0.26 -0.29	25.84 0.13 0.00	25.38 0.13 0.00	23.34 0.28 -0.12	23.34 0.34 -0.11	23.62 0.42 -0.11	25.39 0.35 -0.02	25.30 0.46 -0.41	26.06 0.47 -0.70	26.04 0.39 -1.05	29.82 0.49 -0.64	26.92 0.50 -0.27	23.11 0.23 -0.35	21.59 0.04 0.00	20.28 0.26 0.00
RUSSELL___3 23549	17.62 0.14 0.00	15.89 0.20 0.00	14.07 0.14 0.00	13.68 0.22 0.00	14.49 0.24 0.00	17.33 0.22 0.00	22.71 0.18 0.00	24.40 0.24 -0.11	24.40 0.24 -0.29	24.26 0.26 -0.29	25.84 0.13 0.00	25.38 0.13 0.00	23.34 0.28 -0.12	23.34 0.34 -0.11	23.62 0.42 -0.11	25.39 0.35 -0.02	25.30 0.46 -0.41	26.06 0.47 -0.70	26.04 0.39 -1.05	29.82 0.49 -0.64	26.92 0.50 -0.27	23.11 0.23 -0.35	21.59 0.04 0.00	20.28 0.26 0.00
RUSSELL___4 23556	17.62 0.14 0.00	15.89 0.20 0.00	14.07 0.14 0.00	13.68 0.22 0.00	14.49 0.24 0.00	17.33 0.22 0.00	22.71 0.18 0.00	24.40 0.24 -0.11	24.40 0.24 -0.29	24.26 0.26 -0.29	25.84 0.13 0.00	25.38 0.13 0.00	23.34 0.28 -0.12	23.34 0.34 -0.11	23.62 0.42 -0.11	25.39 0.35 -0.02	25.30 0.46 -0.41	26.06 0.47 -0.70	26.04 0.39 -1.05	29.82 0.49 -0.64	26.92 0.50 -0.27	23.11 0.23 -0.35	21.59 0.04 0.00	20.28 0.26 0.00
RUSSELL___STATION 23914	17.62 0.14 0.00	15.89 0.20 0.00	14.07 0.14 0.00	13.68 0.22 0.00	14.49 0.24 0.00	17.33 0.22 0.00	22.71 0.18 0.00	24.40 0.24 -0.11	24.40 0.24 -0.29	24.26 0.26 -0.29	25.84 0.13 0.00	25.38 0.13 0.00	23.34 0.28 -0.12	23.34 0.34 -0.11	23.62 0.42 -0.11	25.39 0.35 -0.02	25.30 0.46 -0.41	26.06 0.47 -0.70	26.04 0.39 -1.05	29.82 0.49 -0.64	26.92 0.50 -0.27	23.11 0.23 -0.35	21.59 0.04 0.00	20.28 0.26 0.00
S SALMON___HYD 24043	17.70 0.21 0.00	15.90 0.22 0.00	14.10 0.17 0.00	13.64 0.17 0.00	14.44 0.20 0.00	17.39 0.29 0.00	22.93 0.41 0.00	24.56 0.43 -0.07	24.42 0.36 -0.19	24.19 0.29 -0.19	26.07 0.36 0.00	25.53 0.28 0.00	23.23 0.21 -0.08	23.17 0.21 -0.07	23.40 0.23 -0.07	25.21 0.18 -0.01	24.91 0.22 -0.27	25.60 0.25 -0.47	25.59 0.30 -0.70	29.55 0.43 -0.42	26.70 0.37 -0.18	23.17 0.41 -0.24	21.94 0.39 0.00	20.36 0.34 0.00
S.PERRY___115KV_TB1 80734	18.20 0.72 0.00	16.43 0.75 0.00	14.53 0.60 0.00	14.15 0.69 0.00	14.99 0.74 0.00	17.98 0.87 0.00	23.59 1.06 0.00	25.10 0.89 -0.16	25.13 0.84 -0.42	24.89 0.76 -0.42	26.66 0.95 0.00	26.16 0.91 0.00	23.60 0.48 -0.17	23.71 0.66 -0.15	24.01 0.76 -0.15	26.08 1.03 -0.03	25.99 0.98 -0.59	26.97 1.07 -1.01	27.18 1.08 -1.51	31.01 1.41 -0.92	27.85 1.31 -0.39	23.87 0.83 -0.51	22.41 0.86 0.00	21.00 0.98 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	17.68 0.19 0.00	16.01 0.33 0.00	14.17 0.24 0.00	13.82 0.36 0.00	14.64 0.40 0.00	17.48 0.38 0.00	22.64 0.11 0.00	23.52 -0.67 -0.15	23.59 -0.67 -0.38	23.55 -0.55 -0.38	25.53 -0.18 0.00	25.22 -0.03 0.00	22.69 -0.41 -0.16	22.66 -0.37 -0.14	22.94 -0.30 -0.14	25.02 -0.03 -0.03	24.50 -0.46 -0.54	25.34 -0.47 -0.93	25.38 -0.59 -1.38	28.73 -0.80 -0.84	25.99 -0.52 -0.36	22.38 -0.61 -0.47	21.34 -0.22 0.00	20.32 0.30 0.00
SAWYER___23_KV_LOAD 55526	17.68 0.19 0.00	16.01 0.33 0.00	14.17 0.24 0.00	13.82 0.36 0.00	14.64 0.40 0.00	17.48 0.38 0.00	22.64 0.11 0.00	23.52 -0.67 -0.15	23.59 -0.67 -0.38	23.55 -0.55 -0.38	25.53 -0.18 0.00	25.22 -0.03 0.00	22.69 -0.41 -0.16	22.66 -0.37 -0.14	22.94 -0.30 -0.14	25.02 -0.03 -0.03	24.50 -0.46 -0.54	25.34 -0.47 -0.93	25.38 -0.59 -1.38	28.73 -0.80 -0.84	25.99 -0.52 -0.36	22.38 -0.61 -0.47	21.34 -0.22 0.00	20.32 0.30 0.00
SELKIRK___I 23801	18.08 0.59 0.00	16.18 0.50 0.00	14.40 0.47 0.00	13.90 0.44 0.00	14.73 0.48 0.00	17.68 0.58 0.00	23.32 0.79 0.00	26.10 0.86 -1.18	27.80 0.81 -3.11	27.63 0.81 -3.12	26.61 0.90 0.00	26.16 0.91 0.00	25.02 0.78 -1.29	24.81 0.78 -1.14	25.03 0.79 -1.15	26.14 0.90 -0.22	29.67 0.85 -4.40	33.30 0.89 -7.52	36.67 0.88 -11.19	36.52 1.03 -6.80	30.01 0.97 -2.88	27.12 0.81 -3.79	22.31 0.75 0.00	20.54 0.52 0.00
SELKIRK___II 23799	17.96 0.47 0.00	16.07 0.39 0.00	14.32 0.39 0.00	13.82 0.36 0.00	14.63 0.38 0.00	17.56 0.46 0.00	23.14 0.61 0.00	25.95 0.70 -1.20	27.72 0.69 -3.16	27.56 0.69 -3.16	26.46 0.75 0.00	26.03 0.78 0.00	24.92 0.67 -1.31	24.71 0.66 -1.16	24.95 0.69 -1.16	26.02 0.78 -0.23	29.61 0.73 -4.45	33.25 0.75 -7.62	36.67 0.74 -11.34	36.44 0.86 -6.89	29.86 0.78 -2.92	27.01 0.65 -3.84	22.18 0.63 0.00	20.42 0.40 0.00
SENECA OSWGO___HYD 24041	17.75 0.26 0.00	15.95 0.27 0.00	14.14 0.21 0.00	13.68 0.21 0.00	14.50 0.26 0.00	17.43 0.32 0.00	22.98 0.45 0.00	24.54 0.41 -0.08	24.44 0.36 -0.21	24.26 0.33 -0.21	26.15 0.44 0.00	25.63 0.38 0.00	23.35 0.32 -0.09	23.31 0.34 -0.08	23.50 0.32 -0.08	25.26 0.22 -0.02	24.94 0.22 -0.30	25.63 0.22 -0.52	25.63 0.27 -0.77	29.53 0.37 -0.47	26.72 0.37 -0.20	23.21 0.43 -0.26	21.98 0.43 0.00	20.40 0.38 0.00
SENECA___115KV_TB3 355854	17.94 0.45 0.00	16.26 0.58 0.00	14.37 0.45 0.00	14.03 0.57 0.00	14.87 0.63 0.00	17.74 0.63 0.00	23.00 0.47 0.00	23.67 -0.53 -0.15	23.79 -0.48 -0.40	23.75 -0.36 -0.40	26.07 0.36 0.00	25.73 0.48 0.00	22.90 -0.21 -0.16	22.85 -0.18 -0.15	23.13 -0.12 -0.15	25.47 0.43 -0.03	24.71 -0.27 -0.56	25.57 -0.27 -0.96	25.65 -0.37 -1.43	29.01 -0.55 -0.87	26.21 -0.31 -0.37	22.56 -0.45 -0.48	21.75 0.19 0.00	20.66 0.64 0.00
SENECA___ENERGY 23797	17.56 0.07 0.00	15.78 0.09 0.00	13.98 0.06 0.00	13.56 0.09 0.00	14.39 0.14 0.00	17.27 0.17 0.00	22.73 0.20 0.00	24.27 0.10 -0.12	24.24 0.05 -0.32	24.10 0.07 -0.32	25.94 0.23 0.00	25.43 0.18 0.00	23.12 0.05 -0.13	23.07 0.07 -0.12	23.28 0.07 -0.12	25.19 0.15 -0.02	24.99 0.12 -0.45	25.81 0.15 -0.77	25.89 0.15 -1.15	29.56 0.17 -0.70	26.64 0.18 -0.30	22.98 0.07 -0.39	21.66 0.11 0.00	20.18 0.16 0.00
SHOEMAKER___GT 23640	18.24 0.75 0.00	16.33 0.64 0.00	14.50 0.57 0.00	13.97 0.51 0.00	14.77 0.53 0.00	17.72 0.61 0.00	23.38 0.86 0.00	25.86 0.99 -0.82	27.07 1.03 -2.17	26.93 1.04 -2.18	26.81 1.10 0.00	26.36 1.11 0.00	24.88 1.03 -0.90	24.69 1.01 -0.80	24.94 1.04 -0.80	26.35 1.18 -0.16	28.54 1.05 -3.07	31.21 1.07 -5.25	33.46 1.06 -7.81	34.67 1.23 -4.75	29.24 1.07 -2.01	26.09 0.92 -2.64	22.46 0.91 0.00	20.70 0.68 0.00
SHOEMAKR_138KV_BK 111 55601	18.24 0.75 0.00	16.33 0.64 0.00	14.50 0.57 0.00	13.97 0.51 0.00	14.77 0.53 0.00	17.74 0.63 0.00	23.38 0.86 0.00	25.88 1.01 -0.82	27.05 1.03 -2.15	26.93 1.07 -2.15	26.87 1.16 0.00	26.39 1.14 0.00	24.89 1.06 -0.89	24.71 1.03 -0.79	24.95 1.06 -0.79	26.35 1.18 -0.15	28.53 1.07 -3.04	31.16 1.07 -5.20	33.38 1.06 -7.73	34.62 1.23 -4.70	29.22 1.07 -1.99	26.06 0.92 -2.62	22.41 0.86 0.00	20.70 0.68 0.00

SHOREHAM_IC_1 23715	19.41 1.92 0.00	17.36 1.68 0.00	15.38 1.45 0.00	14.77 1.31 0.00	15.61 1.37 0.00	18.92 1.81 -0.01	24.80 2.27 0.00	27.85 2.84 -0.96	29.46 3.03 -2.56	29.28 3.01 -2.56	28.73 3.01 -0.02	29.11 3.03 -0.83	27.61 2.75 -1.92	27.88 2.75 -2.25	28.36 2.79 -2.47	29.67 3.15 -1.50	30.98 2.95 -3.61	34.13 3.06 -6.19	40.26 2.95 -12.72	41.86 3.44 -9.72	31.63 3.06 -2.42	28.41 2.59 -3.29	24.17 2.61 -0.01	22.19 2.16 -0.01
SHOREHAM_IC_2 23716	19.41 1.92 0.00	17.36 1.68 0.00	15.38 1.45 0.00	14.77 1.31 0.00	15.61 1.37 0.00	18.92 1.81 -0.01	24.80 2.27 0.00	27.85 2.84 -0.96	29.46 3.03 -2.56	29.28 3.01 -2.56	28.73 3.01 -0.02	29.11 3.03 -0.83	27.61 2.75 -1.92	27.88 2.75 -2.25	28.36 2.79 -2.47	29.67 3.15 -1.50	30.98 2.95 -3.61	34.13 3.06 -6.19	40.26 2.95 -12.72	41.86 3.44 -9.72	31.63 3.06 -2.42	28.41 2.59 -3.29	24.17 2.61 -0.01	22.19 2.16 -0.01
SISSONVILLE____ 23735	17.14 -0.35 0.00	15.40 -0.28 0.00	13.71 -0.22 0.00	13.23 -0.23 0.00	14.05 -0.20 0.00	16.88 -0.22 0.00	22.28 -0.25 0.00	23.93 -0.12 0.00	23.85 -0.02 0.00	23.64 -0.07 0.00	25.58 -0.13 0.00	25.05 -0.20 0.00	22.74 -0.21 0.00	22.66 -0.23 0.00	22.75 -0.35 0.00	24.62 -0.40 0.00	24.01 -0.42 0.00	24.49 -0.40 0.00	24.22 -0.37 0.00	28.23 -0.46 0.00	25.76 -0.39 0.00	22.41 -0.11 0.00	21.47 -0.09 0.00	19.94 -0.08 0.00
SITHE_IND_GS1 24169	17.15 -0.33 0.00	15.40 -0.28 0.00	13.66 -0.27 0.00	13.22 -0.24 0.00	14.00 -0.24 0.00	16.81 -0.29 0.00	22.12 -0.40 0.00	23.56 -0.55 -0.06	23.45 -0.57 -0.16	23.27 -0.59 -0.16	25.09 -0.62 0.00	24.62 -0.63 0.00	22.46 -0.55 -0.06	22.42 -0.53 -0.06	22.62 -0.53 -0.06	24.43 -0.60 -0.01	24.08 -0.56 -0.22	24.69 -0.57 -0.38	24.59 -0.56 -0.56	28.37 -0.66 -0.34	25.70 -0.60 -0.14	22.20 -0.52 -0.19	21.10 -0.45 0.00	19.66 -0.36 0.00
SITHE_IND_GS2 24170	17.15 -0.33 0.00	15.40 -0.28 0.00	13.66 -0.27 0.00	13.22 -0.24 0.00	14.00 -0.24 0.00	16.81 -0.29 0.00	22.12 -0.40 0.00	23.56 -0.55 -0.06	23.45 -0.57 -0.16	23.27 -0.59 -0.16	25.09 -0.62 0.00	24.62 -0.63 0.00	22.46 -0.55 -0.06	22.42 -0.53 -0.06	22.62 -0.53 -0.06	24.43 -0.60 -0.01	24.08 -0.56 -0.22	24.69 -0.57 -0.38	24.59 -0.56 -0.56	28.37 -0.66 -0.34	25.70 -0.60 -0.14	22.20 -0.52 -0.19	21.10 -0.45 0.00	19.66 -0.36 0.00
SITHE_IND_GS3 24171	17.15 -0.33 0.00	15.40 -0.28 0.00	13.66 -0.27 0.00	13.22 -0.24 0.00	14.00 -0.24 0.00	16.81 -0.29 0.00	22.12 -0.40 0.00	23.56 -0.55 -0.06	23.45 -0.57 -0.16	23.27 -0.59 -0.16	25.09 -0.62 0.00	24.62 -0.63 0.00	22.46 -0.55 -0.06	22.42 -0.53 -0.06	22.62 -0.53 -0.06	24.43 -0.60 -0.01	24.08 -0.56 -0.22	24.69 -0.57 -0.38	24.59 -0.56 -0.56	28.37 -0.66 -0.34	25.70 -0.60 -0.14	22.20 -0.52 -0.19	21.10 -0.45 0.00	19.66 -0.36 0.00
SITHE_IND_GS4 24172	17.15 -0.33 0.00	15.40 -0.28 0.00	13.66 -0.27 0.00	13.22 -0.24 0.00	14.00 -0.24 0.00	16.81 -0.29 0.00	22.12 -0.40 0.00	23.56 -0.55 -0.06	23.45 -0.57 -0.16	23.27 -0.59 -0.16	25.09 -0.62 0.00	24.62 -0.63 0.00	22.46 -0.55 -0.06	22.42 -0.53 -0.06	22.62 -0.53 -0.06	24.43 -0.60 -0.01	24.08 -0.56 -0.22	24.69 -0.57 -0.38	24.59 -0.56 -0.56	28.37 -0.66 -0.34	25.70 -0.60 -0.14	22.20 -0.52 -0.19	21.10 -0.45 0.00	19.66 -0.36 0.00
SITHE____BATAVIA 24024	17.87 0.38 0.00	16.17 0.49 0.00	14.32 0.39 0.00	13.96 0.50 0.00	14.80 0.56 0.00	17.67 0.56 0.00	22.95 0.43 0.00	24.23 0.05 -0.13	24.28 0.07 -0.34	24.15 0.10 -0.34	26.20 0.49 0.00	25.58 0.33 0.00	23.22 0.14 -0.14	23.22 0.21 -0.12	23.54 0.32 -0.13	25.54 0.50 -0.02	25.22 0.32 -0.48	26.05 0.35 -0.82	26.03 0.22 -1.22	29.69 0.26 -0.74	26.81 0.34 -0.31	23.03 0.09 -0.41	21.72 0.17 0.00	20.56 0.54 0.00
SITHE____INDEPEND 23800	17.15 -0.33 0.00	15.40 -0.28 0.00	13.66 -0.26 0.00	13.22 -0.24 0.00	14.00 -0.24 0.00	16.81 -0.29 0.00	22.12 -0.41 0.00	23.56 -0.55 -0.06	23.45 -0.57 -0.16	23.27 -0.59 -0.16	25.07 -0.64 0.00	24.62 -0.63 0.00	22.46 -0.55 -0.06	22.42 -0.53 -0.06	22.62 -0.53 -0.06	24.43 -0.60 -0.01	24.08 -0.56 -0.22	24.69 -0.57 -0.38	24.59 -0.57 -0.56	28.37 -0.66 -0.34	25.70 -0.60 -0.14	22.20 -0.52 -0.19	21.08 -0.47 0.00	19.66 -0.36 0.00
SITHE____MASSENA 23902	17.19 -0.30 0.00	15.45 -0.23 0.00	13.73 -0.20 0.00	13.27 -0.19 0.00	14.03 -0.21 0.00	16.85 -0.26 0.00	22.21 -0.32 0.00	23.86 -0.19 0.00	23.78 -0.10 0.00	23.57 -0.14 0.00	25.53 -0.18 0.00	25.00 -0.25 0.00	22.74 -0.21 0.00	22.66 -0.23 0.00	22.82 -0.28 0.00	24.69 -0.33 0.00	24.15 -0.27 0.00	24.64 -0.25 0.00	24.37 -0.22 0.00	28.38 -0.31 0.00	25.92 -0.24 0.00	22.39 -0.13 0.00	21.38 -0.17 0.00	19.92 -0.10 0.00
SITHE____OGDNSBRG 24021	17.29 -0.19 0.00	15.54 -0.14 0.00	13.83 -0.10 0.00	13.35 -0.11 0.00	14.13 -0.11 0.00	17.00 -0.10 0.00	22.44 -0.09 0.00	24.15 0.10 0.00	24.06 0.19 0.00	23.81 0.09 0.00	25.79 0.08 0.00	25.20 -0.05 0.00	22.90 -0.05 0.00	22.80 -0.09 0.00	22.96 -0.14 0.00	24.87 -0.15 0.00	24.30 -0.12 0.00	24.81 -0.07 0.00	24.59 0.00 0.00	28.66 -0.03 0.00	26.13 -0.03 0.00	22.62 0.09 0.00	21.64 0.09 0.00	20.10 0.08 0.00
SITHE____STERLING 23777	17.92 0.44 0.00	16.09 0.41 0.00	14.28 0.35 0.00	13.80 0.34 0.00	14.61 0.37 0.00	17.58 0.48 0.00	23.16 0.63 0.00	24.78 0.67 -0.06	24.66 0.64 -0.15	24.47 0.62 -0.15	26.46 0.75 0.00	25.93 0.68 0.00	23.55 0.55 -0.06	23.47 0.53 -0.05	23.70 0.55 -0.05	25.68 0.65 -0.01	25.24 0.61 -0.21	25.87 0.62 -0.36	25.79 0.66 -0.53	29.85 0.83 -0.32	27.02 0.73 -0.14	23.29 0.58 -0.18	22.11 0.56 0.00	20.54 0.52 0.00
SLEIGHT__34_KV_TB1 80719	17.89 0.40 0.00	16.09 0.41 0.00	14.25 0.32 0.00	13.81 0.35 0.00	14.66 0.41 0.00	17.62 0.51 0.00	23.25 0.72 0.00	24.91 0.75 -0.11	24.86 0.69 -0.30	24.70 0.69 -0.30	26.51 0.80 0.00	26.03 0.78 0.00	23.73 0.67 -0.12	23.71 0.71 -0.11	23.92 0.72 -0.11	25.84 0.80 -0.02	25.64 0.81 -0.42	26.42 0.82 -0.72	26.47 0.81 -1.07	30.37 1.03 -0.65	27.35 0.92 -0.27	23.58 0.70 -0.36	22.16 0.60 0.00	20.60 0.58 0.00
SOUTH CAIRO____GT 23612	18.34 0.86 0.00	16.42 0.74 0.00	14.64 0.71 0.00	14.11 0.65 0.00	14.97 0.73 0.00	17.94 0.84 0.00	23.74 1.22 0.00	26.36 1.18 -1.13	27.97 1.12 -2.97	27.78 1.09 -2.98	26.94 1.23 0.00	26.46 1.21 0.00	25.07 0.89 -1.23	24.85 0.87 -1.09	25.14 0.95 -1.10	26.46 1.23 -0.21	29.64 1.03 -4.20	33.29 1.22 -7.18	36.53 1.25 -10.68	36.70 1.52 -6.49	30.32 1.41 -2.75	27.18 1.04 -3.61	22.59 1.03 0.00	20.82 0.80 0.00
SOUTH HAMPTN____IC 23720	19.65 2.17 0.00	17.58 1.90 0.00	15.56 1.63 0.00	14.94 1.48 0.00	15.80 1.55 0.00	19.18 2.07 -0.01	25.09 2.57 0.00	28.19 3.17 -0.96	29.79 3.37 -2.55	29.66 3.39 -2.56	29.17 3.45 -0.02	29.54 3.46 -0.83	27.98 3.12 -1.92	28.22 3.09 -2.25	28.70 3.14 -2.47	30.05 3.53 -1.50	31.35 3.32 -3.61	34.51 3.44 -6.18	40.47 3.32 -12.56	42.11 3.87 -9.54	32.02 3.45 -2.41	28.70 2.88 -3.29	24.45 2.89 -0.01	22.45 2.42 -0.01

SOUTHDOWN_115KV_TB1 355954	18.55 1.07 0.00	16.86 1.18 0.00	14.85 0.92 0.00	14.44 0.98 0.00	15.33 1.08 0.00	18.33 1.23 0.00	23.83 1.31 0.00	24.38 0.17 -0.16	24.44 0.14 -0.43	24.42 0.28 -0.43	27.20 1.49 0.00	26.84 1.59 0.00	23.56 0.44 -0.18	23.43 0.39 -0.16	23.74 0.49 -0.16	26.40 1.35 -0.03	25.36 0.34 -0.60	26.26 0.35 -1.03	26.39 0.27 -1.53	29.79 0.17 -0.93	26.81 0.26 -0.39	23.09 0.05 -0.52	22.48 0.93 0.00	21.22 1.20 0.00
SOUTHOLD_69_KV_BK 2 55809	19.97 2.48 0.00	17.85 2.16 0.00	15.81 1.88 0.00	15.17 1.71 0.00	16.04 1.79 0.00	19.48 2.38 0.00	25.48 2.95 0.00	28.62 3.61 -0.96	30.26 3.84 -2.55	30.12 3.86 -2.55	29.71 3.98 -0.02	30.07 3.99 -0.83	28.42 3.56 -1.92	28.68 3.55 -2.25	29.14 3.58 -2.47	30.55 4.03 -1.50	31.81 3.79 -3.61	35.00 3.93 -6.18	40.96 3.81 -12.56	42.71 4.48 -9.54	32.54 3.98 -2.41	29.11 3.29 -3.29	24.76 3.21 0.00	22.80 2.78 0.00
SOUTHOLD___IC 23719	19.97 2.48 0.00	17.85 2.16 0.00	15.81 1.88 0.00	15.17 1.71 0.00	16.04 1.79 0.00	19.49 2.38 -0.01	25.48 2.95 0.00	28.62 3.61 -0.96	30.27 3.84 -2.55	30.13 3.87 -2.56	29.68 3.96 -0.02	30.07 3.99 -0.83	28.42 3.56 -1.92	28.68 3.55 -2.25	29.14 3.58 -2.47	30.55 4.03 -1.50	31.83 3.81 -3.61	34.98 3.91 -6.18	40.97 3.81 -12.56	42.71 4.47 -9.55	32.55 3.97 -2.41	29.11 3.29 -3.29	24.83 3.27 -0.01	22.81 2.78 -0.01
SPIERFLS_115KV_TB 1 80737	18.81 1.33 0.00	16.81 1.13 0.00	14.92 0.99 0.00	14.39 0.93 0.00	15.34 1.10 0.00	18.51 1.40 0.00	24.42 1.89 0.00	27.21 1.92 -1.23	29.01 1.89 -3.26	28.82 1.85 -3.26	27.82 2.11 0.00	27.32 2.07 0.00	25.99 1.70 -1.35	25.80 1.72 -1.19	26.05 1.76 -1.20	27.00 1.75 -0.23	30.68 1.66 -4.60	34.52 1.77 -7.87	37.92 1.62 -11.70	37.72 1.92 -7.11	31.21 2.04 -3.02	28.13 1.64 -3.96	23.17 1.62 0.00	21.32 1.30 0.00
ST LAWRENCE____ 23600	17.05 -0.44 0.00	15.31 -0.38 0.00	13.61 -0.32 0.00	13.15 -0.31 0.00	13.92 -0.33 0.00	16.71 -0.39 0.00	22.01 -0.52 0.00	23.54 -0.51 0.00	23.39 -0.48 0.00	23.24 -0.47 0.00	25.14 -0.57 0.00	24.64 -0.61 0.00	22.42 -0.53 0.00	22.36 -0.53 0.00	22.52 -0.58 0.00	24.37 -0.65 0.00	23.86 -0.56 0.00	24.34 -0.55 0.00	24.05 -0.54 0.00	28.03 -0.66 0.00	25.58 -0.58 0.00	22.07 -0.45 0.00	21.08 -0.47 0.00	19.64 -0.38 0.00
STATE_CA_115KV_115_LB 55624	17.96 0.47 0.00	16.06 0.38 0.00	14.32 0.39 0.00	13.82 0.36 0.00	14.64 0.40 0.00	17.58 0.48 0.00	23.18 0.65 0.00	25.98 0.72 -1.21	27.78 0.72 -3.19	27.62 0.71 -3.20	26.51 0.80 0.00	26.06 0.81 0.00	24.93 0.67 -1.32	24.75 0.69 -1.17	24.97 0.69 -1.18	26.05 0.80 -0.23	29.66 0.73 -4.51	33.37 0.77 -7.71	36.83 0.76 -11.47	36.58 0.92 -6.97	29.95 0.84 -2.96	27.08 0.68 -3.88	22.11 0.56 0.00	20.40 0.38 0.00
STATE_ST_34_KV_LOAD 55959	17.73 0.24 0.00	15.92 0.24 0.00	14.12 0.20 0.00	13.68 0.22 0.00	14.49 0.24 0.00	17.41 0.31 0.00	22.96 0.43 0.00	24.51 0.34 -0.12	24.47 0.29 -0.32	24.36 0.33 -0.32	26.15 0.44 0.00	25.68 0.43 0.00	23.40 0.32 -0.13	23.35 0.34 -0.12	23.56 0.35 -0.12	25.44 0.40 -0.02	25.26 0.39 -0.45	26.05 0.40 -0.77	26.15 0.42 -1.14	29.90 0.52 -0.69	26.92 0.47 -0.29	23.27 0.36 -0.39	21.92 0.37 0.00	20.38 0.36 0.00
STATION 5_MISC_HYD 23604	17.56 0.07 0.00	15.82 0.14 0.00	14.01 0.08 0.00	13.62 0.16 0.00	14.43 0.18 0.00	17.27 0.17 0.00	22.62 0.09 0.00	24.31 0.15 -0.11	24.31 0.14 -0.29	24.15 0.14 -0.29	25.81 0.10 0.00	25.25 0.00 0.00	23.25 0.18 -0.12	23.23 0.23 -0.11	23.50 0.30 -0.11	25.24 0.20 -0.02	25.17 0.34 -0.41	25.94 0.35 -0.70	25.89 0.25 -1.05	29.65 0.32 -0.64	26.77 0.34 -0.27	23.04 0.16 -0.35	21.51 -0.04 0.00	20.18 0.16 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	17.64 0.16 0.00	15.87 0.19 0.00	14.07 0.14 0.00	13.66 0.20 0.00	14.47 0.23 0.00	17.36 0.26 0.00	22.80 0.27 0.00	24.45 0.29 -0.11	24.43 0.26 -0.29	24.27 0.26 -0.30	25.97 0.26 0.00	25.48 0.23 0.00	23.32 0.25 -0.12	23.29 0.30 -0.11	23.55 0.35 -0.11	25.39 0.35 -0.02	25.28 0.44 -0.42	26.05 0.45 -0.71	26.05 0.39 -1.06	29.82 0.49 -0.64	26.90 0.47 -0.27	23.13 0.25 -0.36	21.68 0.13 0.00	20.26 0.24 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	17.43 -0.05 0.00	15.71 0.03 0.00	13.91 -0.01 0.00	13.53 0.07 0.00	14.33 0.09 0.00	17.15 0.05 0.00	22.48 -0.05 0.00	24.16 0.00 -0.11	24.14 -0.02 -0.29	24.00 0.00 -0.29	25.55 -0.15 0.00	25.10 -0.15 0.00	23.09 0.02 -0.12	23.09 0.09 -0.11	23.34 0.14 -0.11	25.09 0.05 -0.02	25.02 0.20 -0.41	25.76 0.17 -0.70	25.73 0.10 -1.04	29.47 0.14 -0.63	26.61 0.18 -0.27	22.85 -0.02 -0.35	21.36 -0.19 0.00	20.04 0.02 0.00
STA_56___34_KV_BUS2 355983	17.43 -0.05 0.00	15.71 0.03 0.00	13.91 -0.01 0.00	13.53 0.07 0.00	14.33 0.09 0.00	17.15 0.05 0.00	22.48 -0.05 0.00	24.16 0.00 -0.11	24.14 -0.02 -0.29	24.00 0.00 -0.29	25.55 -0.15 0.00	25.10 -0.15 0.00	23.09 0.02 -0.12	23.09 0.09 -0.11	23.34 0.14 -0.11	25.09 0.05 -0.02	25.02 0.20 -0.41	25.76 0.17 -0.70	25.73 0.10 -1.04	29.47 0.14 -0.63	26.61 0.18 -0.27	22.85 -0.02 -0.35	21.36 -0.19 0.00	20.04 0.02 0.00
STA_67___115KV_BK2 355882	17.52 0.03 0.00	15.79 0.11 0.00	13.98 0.06 0.00	13.61 0.15 0.00	14.42 0.17 0.00	17.24 0.14 0.00	22.57 0.05 0.00	24.26 0.10 -0.11	24.23 0.07 -0.29	24.10 0.09 -0.29	25.63 -0.08 0.00	25.20 -0.05 0.00	23.20 0.14 -0.12	23.18 0.18 -0.11	23.46 0.25 -0.11	25.17 0.13 -0.02	25.10 0.27 -0.41	25.86 0.27 -0.70	25.84 0.20 -1.05	29.59 0.26 -0.64	26.71 0.29 -0.27	22.95 0.07 -0.35	21.44 -0.11 0.00	20.14 0.12 0.00
STA_7___115KV_9TRANS 80674	17.62 0.14 0.00	15.89 0.20 0.00	14.07 0.14 0.00	13.68 0.22 0.00	14.49 0.24 0.00	17.33 0.22 0.00	22.71 0.18 0.00	24.40 0.24 -0.11	24.40 0.24 -0.29	24.26 0.26 -0.29	25.84 0.13 0.00	25.38 0.13 0.00	23.34 0.28 -0.12	23.34 0.34 -0.11	23.62 0.42 -0.11	25.39 0.35 -0.02	25.30 0.46 -0.41	26.06 0.47 -0.70	26.04 0.39 -1.05	29.82 0.49 -0.64	26.92 0.50 -0.27	23.11 0.23 -0.35	21.59 0.04 0.00	20.28 0.26 0.00
STA_82___115KV_TB1 80780	17.54 0.05 0.00	15.81 0.13 0.00	14.00 0.07 0.00	13.61 0.15 0.00	14.42 0.17 0.00	17.24 0.14 0.00	22.57 0.05 0.00	24.26 0.10 -0.11	24.26 0.10 -0.29	24.12 0.12 -0.29	25.66 -0.05 0.00	25.22 -0.03 0.00	23.20 0.14 -0.12	23.20 0.21 -0.11	23.46 0.25 -0.11	25.19 0.15 -0.02	25.13 0.29 -0.41	25.89 0.30 -0.71	25.87 0.22 -1.06	29.59 0.26 -0.64	26.72 0.29 -0.27	22.97 0.09 -0.36	21.47 -0.09 0.00	20.16 0.14 0.00
STEEL___WIND 323596	17.92 0.44 0.00	16.25 0.56 0.00	14.36 0.43 0.00	14.01 0.55 0.00	14.86 0.61 0.00	17.74 0.63 0.00	22.98 0.45 0.00	23.67 -0.53 -0.15	23.77 -0.50 -0.40	23.73 -0.38 -0.40	26.22 0.51 0.00	25.70 0.45 0.00	22.88 -0.23 -0.16	22.83 -0.21 -0.15	23.11 -0.14 -0.15	25.42 0.38 -0.03	24.69 -0.29 -0.56	25.55 -0.30 -0.96	25.63 -0.39 -1.43	28.99 -0.57 -0.87	26.18 -0.34 -0.37	22.56 -0.45 -0.48	21.72 0.17 0.00	20.64 0.62 0.00

STEPHTWN_115KV_BK_2 55603	18.04 0.56 0.00	16.14 0.45 0.00	14.37 0.45 0.00	13.88 0.42 0.00	14.72 0.47 0.00	17.70 0.60 0.00	23.38 0.86 0.00	26.14 0.89 -1.20	27.90 0.86 -3.17	27.73 0.85 -3.17	26.74 1.03 0.00	26.28 1.04 0.00	25.11 0.85 -1.31	24.92 0.87 -1.16	25.17 0.90 -1.17	26.27 1.03 -0.23	29.84 0.95 -4.47	33.55 1.02 -7.65	36.98 1.01 -11.38	36.78 1.18 -6.91	30.19 1.10 -2.93	27.27 0.90 -3.85	22.31 0.75 0.00	20.56 0.54 0.00
STEBEN_REC_LFGE 323667	18.24 0.75 0.00	16.51 0.83 0.00	14.58 0.65 0.00	14.20 0.74 0.00	15.09 0.84 0.00	18.09 0.99 0.00	23.65 1.13 0.00	24.71 0.46 -0.20	24.83 0.43 -0.53	24.72 0.47 -0.53	26.89 1.18 0.00	26.46 1.21 0.00	23.65 0.48 -0.22	23.59 0.50 -0.20	23.82 0.53 -0.20	26.13 1.08 -0.04	25.71 0.54 -0.75	26.74 0.57 -1.29	27.07 0.57 -1.91	30.46 0.60 -1.16	27.33 0.68 -0.49	23.58 0.41 -0.65	22.39 0.84 0.00	21.02 1.00 0.00
STONY__BROOK 24151	19.30 1.82 0.00	17.25 1.57 0.00	15.28 1.35 0.00	14.67 1.21 0.00	15.51 1.27 0.00	18.82 1.71 -0.01	24.67 2.14 0.00	27.68 2.67 -0.96	29.27 2.84 -2.56	29.12 2.84 -2.56	28.63 2.90 -0.02	29.01 2.93 -0.83	27.54 2.68 -1.92	27.79 2.65 -2.25	28.24 2.68 -2.47	29.53 3.00 -1.51	30.82 2.78 -3.61	33.98 2.89 -6.21	41.11 2.80 -13.71	42.85 3.27 -10.88	31.47 2.88 -2.44	28.28 2.46 -3.29	24.04 2.48 -0.01	22.07 2.04 -0.01
STURGEON_POOL_HYD 23609	18.45 0.96 0.00	16.50 0.82 0.00	14.64 0.71 0.00	14.11 0.65 0.00	14.89 0.64 0.00	17.84 0.74 0.00	23.56 1.04 0.00	26.17 1.15 -0.97	27.64 1.22 -2.55	27.52 1.26 -2.55	27.15 1.44 0.00	26.66 1.41 0.00	25.24 1.24 -1.06	25.01 1.19 -0.93	25.28 1.25 -0.94	26.65 1.45 -0.18	29.26 1.25 -3.60	32.28 1.24 -6.15	34.98 1.23 -9.15	35.69 1.43 -5.56	29.72 1.20 -2.36	26.68 1.06 -3.10	22.63 1.08 0.00	20.92 0.90 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	18.34 0.86 0.00	16.40 0.72 0.00	14.57 0.64 0.00	14.04 0.58 0.00	14.84 0.60 0.00	17.82 0.72 0.00	23.50 0.97 0.00	26.06 1.15 -0.85	27.34 1.22 -2.25	27.19 1.23 -2.25	27.05 1.34 0.00	26.59 1.34 0.00	25.12 1.24 -0.93	24.93 1.21 -0.82	25.17 1.25 -0.83	26.56 1.38 -0.16	28.84 1.25 -3.17	31.59 1.27 -5.43	33.90 1.23 -8.08	35.06 1.46 -4.91	29.49 1.26 -2.08	26.34 1.08 -2.73	22.56 1.01 0.00	20.82 0.80 0.00
SWANROAD_115KV_TB1 355699	17.38 -0.10 0.00	15.76 0.08 0.00	13.98 0.06 0.00	13.65 0.19 0.00	14.46 0.21 0.00	17.21 0.10 0.00	22.14 -0.38 0.00	23.08 -1.11 -0.14	23.17 -1.07 -0.37	23.11 -0.97 -0.37	24.89 -0.82 0.00	24.57 -0.68 0.00	22.27 -0.83 -0.15	22.22 -0.80 -0.14	22.49 -0.74 -0.14	24.45 -0.60 -0.03	24.04 -0.90 -0.52	24.86 -0.92 -0.89	24.88 -1.03 -1.32	28.18 -1.32 -0.80	25.50 -0.99 -0.34	21.96 -1.01 -0.45	20.84 -0.71 0.00	19.88 -0.14 0.00
SYNERGY__BIOGAS 323694	17.87 0.38 0.00	16.17 0.49 0.00	14.32 0.39 0.00	13.96 0.50 0.00	14.80 0.56 0.00	17.67 0.56 0.00	22.95 0.43 0.00	24.23 0.05 -0.13	24.28 0.07 -0.34	24.15 0.10 -0.34	26.20 0.49 0.00	25.58 0.33 0.00	23.22 0.14 -0.14	23.22 0.21 -0.12	23.54 0.32 -0.13	25.54 0.50 -0.02	25.22 0.32 -0.48	26.05 0.35 -0.82	26.03 0.22 -1.22	29.69 0.26 -0.74	26.81 0.34 -0.31	23.03 0.09 -0.41	21.72 0.17 0.00	20.56 0.54 0.00
SYRACUSE__ENERGY_ST1 323597	17.62 0.14 0.00	15.84 0.16 0.00	14.04 0.11 0.00	13.58 0.12 0.00	14.40 0.16 0.00	17.29 0.19 0.00	22.77 0.25 0.00	24.31 0.17 -0.10	24.24 0.12 -0.25	24.08 0.12 -0.25	25.89 0.18 0.00	25.43 0.18 0.00	23.19 0.14 -0.10	23.14 0.16 -0.09	23.33 0.14 -0.09	25.19 0.15 -0.02	24.90 0.12 -0.36	25.62 0.12 -0.61	25.65 0.15 -0.91	29.47 0.23 -0.55	26.60 0.21 -0.23	23.03 0.20 -0.31	21.77 0.22 0.00	20.24 0.22 0.00
SYRACUSE__ENERGY_ST2 323598	17.62 0.14 0.00	15.84 0.16 0.00	14.04 0.11 0.00	13.58 0.12 0.00	14.40 0.16 0.00	17.29 0.19 0.00	22.77 0.25 0.00	24.31 0.17 -0.10	24.24 0.12 -0.25	24.08 0.12 -0.25	25.89 0.18 0.00	25.43 0.18 0.00	23.19 0.14 -0.10	23.14 0.16 -0.09	23.33 0.14 -0.09	25.19 0.15 -0.02	24.90 0.12 -0.36	25.62 0.12 -0.61	25.65 0.15 -0.91	29.47 0.23 -0.55	26.60 0.21 -0.23	23.03 0.20 -0.31	21.77 0.22 0.00	20.24 0.22 0.00
SYRACUSE__POWER 24017	17.54 0.05 0.00	15.74 0.06 0.00	13.97 0.04 0.00	13.51 0.05 0.00	14.32 0.07 0.00	17.21 0.10 0.00	22.62 0.09 0.00	24.15 0.00 -0.10	24.11 -0.02 -0.26	23.95 -0.02 -0.26	25.71 0.00 0.00	25.25 0.00 0.00	23.05 0.00 -0.11	23.01 0.02 -0.10	23.19 0.00 -0.10	25.04 0.00 -0.02	24.79 0.00 -0.37	25.53 0.00 -0.64	25.57 0.02 -0.95	29.33 0.06 -0.58	26.45 0.05 -0.24	22.91 0.07 -0.32	21.64 0.09 0.00	20.12 0.10 0.00
TALLMAN_138KV_BK151 55660	18.46 0.98 0.00	16.51 0.83 0.00	14.65 0.72 0.00	14.13 0.67 0.00	14.93 0.68 0.00	17.92 0.82 0.00	23.65 1.13 0.00	26.34 1.39 -0.89	27.68 1.46 -2.35	27.56 1.49 -2.35	27.33 1.62 0.00	26.87 1.62 0.00	25.41 1.49 -0.97	25.22 1.46 -0.86	25.46 1.50 -0.87	26.84 1.65 -0.17	29.25 1.51 -3.32	32.08 1.52 -5.67	34.51 1.48 -8.44	35.54 1.72 -5.13	29.82 1.49 -2.18	26.69 1.31 -2.85	22.76 1.21 0.00	21.00 0.98 0.00
TEALLAVE_115KV_TB7 355573	17.48 0.00 0.00	15.70 0.02 0.00	13.93 0.00 0.00	13.47 0.01 0.00	14.27 0.03 0.00	17.14 0.03 0.00	22.55 0.02 0.00	24.04 -0.10 -0.08	23.97 -0.12 -0.22	23.82 -0.12 -0.22	25.58 -0.13 0.00	25.15 -0.10 0.00	22.94 -0.09 -0.09	22.90 -0.07 -0.08	23.11 -0.07 -0.08	24.94 -0.10 -0.02	24.64 -0.10 -0.31	25.30 -0.12 -0.54	25.29 -0.10 -0.80	29.09 -0.09 -0.49	26.28 -0.08 -0.21	22.75 -0.05 -0.27	21.55 0.00 0.00	20.06 0.04 0.00
TELGRAPH_34_KV_EAST 80808	17.69 0.21 0.00	16.03 0.35 0.00	14.19 0.26 0.00	13.85 0.39 0.00	14.67 0.43 0.00	17.50 0.39 0.00	22.66 0.14 0.00	23.77 -0.41 -0.13	23.84 -0.38 -0.35	23.75 -0.31 -0.35	25.61 -0.10 0.00	25.22 -0.03 0.00	22.86 -0.23 -0.15	22.86 -0.16 -0.13	23.16 -0.07 -0.13	25.14 0.10 -0.03	24.77 -0.15 -0.49	25.56 -0.17 -0.85	25.58 -0.27 -1.26	29.06 -0.40 -0.76	26.27 -0.21 -0.32	22.57 -0.38 -0.43	21.40 -0.15 0.00	20.32 0.30 0.00
TEMPLE__115KV_TB 2 55572	17.48 0.00 0.00	15.71 0.03 0.00	13.93 0.00 0.00	13.47 0.01 0.00	14.27 0.03 0.00	17.15 0.05 0.00	22.55 0.02 0.00	24.06 -0.07 -0.09	23.98 -0.12 -0.23	23.82 -0.12 -0.23	25.61 -0.10 0.00	25.15 -0.10 0.00	22.97 -0.07 -0.09	22.90 -0.07 -0.08	23.11 -0.07 -0.08	24.94 -0.10 -0.02	24.64 -0.10 -0.32	25.33 -0.10 -0.54	25.31 -0.10 -0.81	29.10 -0.09 -0.49	26.31 -0.05 -0.21	22.78 -0.02 -0.27	21.55 0.00 0.00	20.06 0.04 0.00
TIANA__69_KV_BK 1 55817	19.58 2.10 0.00	17.50 1.82 0.00	15.50 1.57 0.00	14.89 1.43 0.00	15.74 1.50 0.00	19.09 1.98 0.00	24.98 2.46 0.00	28.07 3.05 -0.96	29.69 3.27 -2.55	29.53 3.27 -2.55	29.07 3.34 -0.02	29.42 3.33 -0.83	27.86 3.01 -1.92	28.11 2.98 -2.25	28.59 3.03 -2.47	29.92 3.40 -1.50	31.23 3.20 -3.61	34.41 3.33 -6.18	40.35 3.20 -12.56	41.99 3.76 -9.54	31.91 3.35 -2.41	28.61 2.79 -3.29	24.29 2.74 0.00	22.36 2.34 0.00

TILDEN___115KV_TB1 80814	17.54 0.05 0.00	15.74 0.06 0.00	13.97 0.04 0.00	13.51 0.05 0.00	14.32 0.07 0.00	17.21 0.10 0.00	22.62 0.09 0.00	24.15 0.00 -0.10	24.11 -0.02 -0.26	23.95 -0.02 -0.26	25.71 0.00 0.00	25.25 0.00 0.00	23.05 0.00 -0.11	23.01 0.02 -0.10	23.19 0.00 -0.10	25.04 0.00 -0.02	24.79 0.00 -0.37	25.53 0.00 -0.64	25.57 0.02 -0.95	29.33 0.06 -0.58	26.45 0.05 -0.24	22.91 0.07 -0.32	21.64 0.09 0.00	20.12 0.10 0.00
TRIGEN___CC 323695	18.88 1.40 0.00	16.86 1.18 0.00	14.95 1.02 0.00	14.36 0.90 0.00	15.19 0.94 0.00	18.35 1.25 0.00	24.10 1.58 0.00	26.98 1.97 -0.96	28.51 2.10 -2.54	28.36 2.11 -2.54	27.94 2.21 -0.02	28.31 2.22 -0.83	26.88 2.02 -1.92	27.15 2.01 -2.25	27.60 2.03 -2.47	28.74 2.23 -1.49	30.07 2.05 -3.60	33.15 2.14 -6.13	35.77 2.07 -9.12	36.64 2.41 -5.54	30.62 2.12 -2.35	27.62 1.80 -3.29	23.36 1.81 0.00	21.52 1.50 0.00
TRINITY__115KV__4 BK 55933	17.90 0.42 0.00	16.01 0.33 0.00	14.28 0.35 0.00	13.78 0.32 0.00	14.59 0.34 0.00	17.51 0.41 0.00	23.07 0.54 0.00	25.90 0.65 -1.20	27.66 0.62 -3.17	27.50 0.62 -3.18	26.40 0.69 0.00	25.96 0.71 0.00	24.86 0.60 -1.32	24.65 0.60 -1.16	24.89 0.62 -1.17	25.95 0.70 -0.23	29.56 0.66 -4.48	33.25 0.70 -7.66	36.68 0.69 -11.40	36.42 0.80 -6.92	29.83 0.73 -2.94	26.99 0.61 -3.86	22.05 0.50 0.00	20.32 0.30 0.00
UNION___PROCESSING_DRP 323587	17.54 0.05 0.00	15.81 0.13 0.00	14.00 0.07 0.00	13.62 0.16 0.00	14.42 0.17 0.00	17.26 0.15 0.00	22.59 0.07 0.00	24.28 0.12 -0.11	24.26 0.10 -0.29	24.12 0.12 -0.29	25.66 -0.05 0.00	25.22 -0.03 0.00	23.23 0.16 -0.12	23.20 0.21 -0.11	23.48 0.28 -0.11	25.22 0.18 -0.02	25.13 0.29 -0.42	25.90 0.30 -0.71	25.87 0.22 -1.06	29.62 0.29 -0.64	26.74 0.31 -0.27	22.97 0.09 -0.36	21.47 -0.09 0.00	20.16 0.14 0.00
UPPER HUDSON___HYD 24058	18.81 1.33 0.00	16.81 1.13 0.00	14.92 0.99 0.00	14.39 0.93 0.00	15.34 1.10 0.00	18.51 1.40 0.00	24.42 1.89 0.00	27.21 1.92 -1.23	29.01 1.89 -3.26	28.82 1.85 -3.26	27.79 2.08 0.00	27.32 2.07 0.00	25.99 1.70 -1.35	25.80 1.72 -1.19	26.05 1.75 -1.20	27.00 1.75 -0.23	30.68 1.66 -4.60	34.55 1.79 -7.87	37.92 1.62 -11.70	37.72 1.92 -7.11	31.21 2.04 -3.02	28.13 1.64 -3.96	23.21 1.66 0.00	21.32 1.30 0.00
UPPER RAQUET___HYD 24056	17.14 -0.35 0.00	15.40 -0.28 0.00	13.71 -0.22 0.00	13.23 -0.23 0.00	14.05 -0.20 0.00	16.88 -0.22 0.00	22.28 -0.25 0.00	23.93 -0.12 0.00	23.85 -0.02 0.00	23.64 -0.07 0.00	25.58 -0.13 0.00	25.05 -0.20 0.00	22.74 -0.21 0.00	22.66 -0.23 0.00	22.75 -0.35 0.00	24.62 -0.40 0.00	24.01 -0.42 0.00	24.46 -0.42 0.00	24.22 -0.37 0.00	28.23 -0.46 0.00	25.76 -0.39 0.00	22.41 -0.11 0.00	21.42 -0.13 0.00	19.94 -0.08 0.00
VALLEY44_115KV_TB2 355964	18.17 0.68 0.00	16.48 0.80 0.00	14.54 0.61 0.00	14.19 0.73 0.00	15.04 0.80 0.00	17.96 0.86 0.00	23.29 0.77 0.00	23.23 -0.99 -0.16	23.35 -0.95 -0.43	23.34 -0.81 -0.43	26.56 0.85 0.00	26.18 0.93 0.00	22.48 -0.64 -0.18	22.43 -0.62 -0.16	22.70 -0.55 -0.16	25.68 0.63 -0.03	24.25 -0.78 -0.61	25.16 -0.77 -1.05	25.34 -0.81 -1.56	28.58 -1.06 -0.95	25.77 -0.78 -0.40	22.15 -0.90 -0.53	22.11 0.56 0.00	20.94 0.92 0.00
VALLEY___115KV_TB 1-4 80826	17.48 0.00 0.00	15.68 0.00 0.00	13.93 0.00 0.00	13.46 0.00 0.00	14.24 0.00 0.00	17.14 0.03 0.00	22.57 0.05 0.00	24.15 0.10 0.00	23.97 0.10 0.00	23.81 0.09 0.00	25.84 0.13 0.00	25.38 0.13 0.00	23.01 0.07 0.00	22.96 0.07 0.00	23.17 0.07 0.00	25.09 0.08 0.00	24.49 0.07 0.00	24.94 0.05 0.00	24.57 -0.02 0.00	28.64 -0.06 0.00	26.00 -0.16 0.00	22.32 -0.20 0.00	21.29 -0.26 0.00	19.78 -0.24 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	18.43 0.94 0.00	16.53 0.85 0.00	14.67 0.74 0.00	14.16 0.70 0.00	14.97 0.73 0.00	18.03 0.92 0.00	23.72 1.19 0.00	25.85 1.35 -0.45	26.43 1.36 -1.20	26.24 1.33 -1.20	27.25 1.54 0.00	26.76 1.51 0.00	24.70 1.26 -0.50	24.56 1.24 -0.44	24.83 1.29 -0.44	26.58 1.48 -0.09	27.48 1.37 -1.69	29.17 1.39 -2.89	30.29 1.40 -4.30	32.99 1.69 -2.61	28.75 1.49 -1.11	25.22 1.24 -1.45	22.74 1.19 0.00	21.04 1.02 0.00
VISCHER___FERRY HYD 24020	18.24 0.75 0.00	16.31 0.63 0.00	14.51 0.58 0.00	14.01 0.55 0.00	14.84 0.60 0.00	17.82 0.72 0.00	23.52 0.99 0.00	26.40 1.13 -1.22	28.18 1.10 -3.21	27.99 1.07 -3.21	26.89 1.18 0.00	26.46 1.21 0.00	25.31 1.03 -1.33	25.12 1.05 -1.18	25.34 1.06 -1.18	26.43 1.18 -0.23	30.08 1.12 -4.53	33.83 1.19 -7.75	37.31 1.18 -11.54	37.08 1.38 -7.01	30.41 1.28 -2.97	27.49 1.06 -3.90	22.54 0.99 0.00	20.72 0.70 0.00
V_A_10_SYNC_DSASP 323832	17.36 -0.12 0.00	15.70 0.02 0.00	13.90 -0.03 0.00	13.54 0.08 0.00	14.35 0.10 0.00	17.10 0.00 0.00	22.28 -0.25 0.00	23.86 -0.31 -0.12	23.88 -0.31 -0.32	23.77 -0.26 -0.32	25.30 -0.41 0.00	24.80 -0.45 0.00	22.92 -0.16 -0.13	22.87 -0.14 -0.12	23.14 -0.07 -0.12	24.74 -0.30 -0.02	24.72 -0.15 -0.45	25.50 -0.15 -0.77	25.49 -0.25 -1.14	29.04 -0.34 -0.69	26.27 -0.18 -0.29	22.64 -0.27 -0.39	21.08 -0.47 0.00	19.92 -0.10 0.00
V_CMM_10_SYNC_DSASP 323787	17.10 -0.38 0.00	15.35 -0.33 0.00	13.65 -0.28 0.00	13.19 -0.27 0.00	13.96 -0.28 0.00	16.74 -0.36 0.00	22.08 -0.45 0.00	23.59 -0.46 0.00	23.49 -0.38 0.00	23.31 -0.40 0.00	25.22 -0.49 0.00	24.72 -0.53 0.00	22.48 -0.46 0.00	22.43 -0.46 0.00	22.59 -0.51 0.00	24.44 -0.57 0.00	23.93 -0.49 0.00	24.41 -0.47 0.00	24.13 -0.47 0.00	28.12 -0.57 0.00	25.66 -0.50 0.00	22.14 -0.38 0.00	21.14 -0.41 0.00	19.70 -0.32 0.00
V_CMP_10_SYNC_DSASP 323788	17.43 -0.05 0.00	15.73 0.05 0.00	14.00 0.07 0.00	13.56 0.09 0.00	14.35 0.10 0.00	17.22 0.12 0.00	22.73 0.20 0.00	23.93 -0.12 0.00	23.94 0.07 0.00	23.76 0.05 0.00	25.71 0.00 0.00	25.12 -0.13 0.00	22.76 -0.18 0.00	22.62 -0.27 0.00	22.70 -0.39 0.00	24.49 -0.53 0.00	24.40 -0.02 0.00	24.99 0.10 0.00	24.79 0.20 0.00	28.81 0.12 0.00	26.29 0.13 0.00	22.68 0.16 0.00	21.59 0.04 0.00	20.02 0.00 0.00
V_E_10_SYNC_DSASP 323830	18.78 1.29 0.00	16.91 1.22 0.00	14.97 1.05 0.00	14.47 1.01 0.00	15.33 1.08 0.00	18.56 1.45 0.00	24.37 1.85 0.00	26.35 2.00 -0.30	26.58 1.91 -0.80	26.27 1.75 -0.80	27.89 2.18 0.00	27.29 2.04 0.00	24.88 1.61 -0.33	24.78 1.60 -0.29	25.08 1.69 -0.30	27.13 2.05 -0.06	27.48 1.93 -1.13	28.88 2.06 -1.93	29.60 2.14 -2.87	33.11 2.67 -1.75	29.20 2.30 -0.74	25.32 1.82 -0.97	23.36 1.81 0.00	21.62 1.60 0.00
V_F_30_NSYNC___DSASP 323816	18.57 1.08 0.00	16.59 0.91 0.00	14.75 0.82 0.00	14.23 0.77 0.00	15.11 0.87 0.00	18.20 1.10 0.00	24.04 1.51 0.00	26.87 1.59 -1.23	28.67 1.55 -3.25	28.46 1.49 -3.25	27.41 1.70 0.00	26.94 1.69 0.00	25.69 1.40 -1.35	25.50 1.42 -1.19	25.75 1.46 -1.20	26.83 1.58 -0.23	30.50 1.49 -4.59	34.33 1.59 -7.85	37.80 1.53 -11.68	37.60 1.81 -7.10	30.92 1.75 -3.01	27.92 1.44 -3.95	22.93 1.38 0.00	21.08 1.06 0.00

V_F_30_SYNC_DSASP 323786	17.96 0.47 0.00	16.06 0.38 0.00	14.32 0.39 0.00	13.82 0.36 0.00	14.64 0.40 0.00	17.58 0.48 0.00	23.16 0.63 0.00	25.98 0.72 -1.21	27.78 0.72 -3.19	27.59 0.69 -3.19	26.51 0.80 0.00	26.06 0.81 0.00	24.93 0.67 -1.32	24.75 0.69 -1.17	24.97 0.69 -1.18	26.05 0.80 -0.23	29.66 0.73 -4.50	33.37 0.77 -7.71	36.82 0.76 -11.47	36.55 0.89 -6.97	29.95 0.84 -2.96	27.08 0.68 -3.88	22.11 0.56 0.00	20.40 0.38 0.00
V_XM_10_SYNC_DSASP 323789	17.43 -0.05 0.00	15.73 0.05 0.00	14.00 0.07 0.00	13.56 0.09 0.00	14.35 0.10 0.00	17.22 0.12 0.00	22.73 0.20 0.00	23.93 -0.12 0.00	23.94 0.07 0.00	23.76 0.05 0.00	25.71 0.00 0.00	25.12 -0.13 0.00	22.76 -0.18 0.00	22.62 -0.27 0.00	22.70 -0.39 0.00	24.49 -0.53 0.00	24.40 -0.02 0.00	24.99 0.10 0.00	24.79 0.20 0.00	28.81 0.12 0.00	26.29 0.13 0.00	22.68 0.16 0.00	21.59 0.04 0.00	20.02 0.00 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	18.50 1.01 0.00	16.56 0.88 0.00	14.69 0.77 0.00	14.16 0.70 0.00	14.96 0.71 0.00	17.96 0.86 0.00	23.72 1.19 0.00	26.42 1.47 -0.90	27.77 1.53 -2.37	27.65 1.56 -2.37	27.41 1.70 0.00	26.94 1.69 0.00	25.49 1.56 -0.98	25.29 1.53 -0.87	25.54 1.57 -0.88	26.92 1.73 -0.17	29.36 1.59 -3.35	32.21 1.59 -5.73	34.67 1.55 -8.53	35.68 1.81 -5.18	29.92 1.57 -2.20	26.78 1.37 -2.88	22.82 1.27 0.00	21.04 1.02 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	18.64 1.15 0.00	16.65 0.97 0.00	14.79 0.86 0.00	14.24 0.78 0.00	15.04 0.80 0.00	18.08 0.97 0.00	23.90 1.37 0.00	26.77 1.76 -0.96	28.22 1.81 -2.54	28.10 1.85 -2.54	27.69 1.98 0.00	27.27 2.02 0.00	25.88 1.88 -1.05	25.67 1.85 -0.93	25.90 1.87 -0.94	27.25 2.05 -0.18	29.86 1.86 -3.58	32.80 1.79 -6.12	35.40 1.70 -9.11	36.24 2.01 -5.53	30.20 1.70 -2.35	27.18 1.58 -3.08	23.06 1.51 0.00	21.22 1.20 0.00
W50THST__13_KV_LOAD 356117	18.71 1.22 0.00	16.70 1.02 0.00	14.83 0.91 0.00	14.28 0.82 0.00	15.10 0.85 0.00	18.15 1.04 0.00	24.01 1.49 0.00	26.89 1.88 -0.96	28.36 1.96 -2.54	28.26 2.02 -2.54	27.87 2.16 0.00	27.45 2.20 0.00	26.01 2.02 -1.05	25.83 2.01 -0.93	26.04 2.01 -0.94	27.40 2.20 -0.18	30.00 2.00 -3.58	32.93 1.92 -6.12	35.52 1.82 -9.11	36.35 2.12 -5.53	30.31 1.80 -2.35	27.27 1.67 -3.08	23.15 1.59 0.00	21.28 1.26 0.00
WADING RIVER_IC_1 23522	19.41 1.92 0.00	17.36 1.68 0.00	15.38 1.45 0.00	14.77 1.31 0.00	15.61 1.37 0.00	18.92 1.81 -0.01	24.78 2.25 0.00	27.85 2.84 -0.96	29.43 3.01 -2.55	29.28 3.01 -2.56	28.76 3.03 -0.02	29.14 3.05 -0.83	27.63 2.77 -1.92	27.88 2.75 -2.25	28.36 2.79 -2.47	29.67 3.15 -1.50	30.98 2.95 -3.61	34.13 3.06 -6.18	40.10 2.95 -12.55	41.67 3.44 -9.53	31.63 3.06 -2.41	28.39 2.57 -3.29	24.17 2.61 -0.01	22.19 2.16 -0.01
WADING RIVER_IC_2 23547	19.41 1.92 0.00	17.36 1.68 0.00	15.38 1.45 0.00	14.77 1.31 0.00	15.61 1.37 0.00	18.92 1.81 -0.01	24.78 2.25 0.00	27.85 2.84 -0.96	29.43 3.01 -2.55	29.28 3.01 -2.56	28.76 3.03 -0.02	29.14 3.05 -0.83	27.63 2.77 -1.92	27.88 2.75 -2.25	28.36 2.79 -2.47	29.67 3.15 -1.50	30.98 2.95 -3.61	34.13 3.06 -6.18	40.10 2.95 -12.55	41.67 3.44 -9.53	31.63 3.06 -2.41	28.39 2.57 -3.29	24.17 2.61 -0.01	22.19 2.16 -0.01
WADING RIVER_IC_3 23601	19.41 1.92 0.00	17.36 1.68 0.00	15.38 1.45 0.00	14.77 1.31 0.00	15.61 1.37 0.00	18.92 1.81 -0.01	24.78 2.25 0.00	27.85 2.84 -0.96	29.43 3.01 -2.55	29.28 3.01 -2.56	28.76 3.03 -0.02	29.14 3.05 -0.83	27.63 2.77 -1.92	27.88 2.75 -2.25	28.36 2.79 -2.47	29.67 3.15 -1.50	30.98 2.95 -3.61	34.13 3.06 -6.18	40.10 2.95 -12.55	41.67 3.44 -9.53	31.63 3.06 -2.41	28.39 2.57 -3.29	24.17 2.61 -0.01	22.19 2.16 -0.01
WALDENNY_12_KV_BK2 80841	17.90 0.42 0.00	16.23 0.55 0.00	14.35 0.42 0.00	14.00 0.54 0.00	14.84 0.60 0.00	17.72 0.62 0.00	22.96 0.43 0.00	23.67 -0.53 -0.15	23.79 -0.48 -0.39	23.75 -0.36 -0.39	25.99 0.28 0.00	25.65 0.40 0.00	22.90 -0.21 -0.16	22.85 -0.18 -0.14	23.13 -0.12 -0.15	25.42 0.38 -0.03	24.71 -0.27 -0.56	25.57 -0.27 -0.95	25.64 -0.37 -1.42	29.01 -0.55 -0.86	26.21 -0.31 -0.37	22.55 -0.45 -0.48	21.68 0.13 0.00	20.60 0.58 0.00
WALDEN__HYDRO 24148	18.41 0.93 0.00	16.47 0.78 0.00	14.62 0.70 0.00	14.09 0.63 0.00	14.89 0.64 0.00	17.87 0.77 0.00	23.61 1.08 0.00	26.23 1.27 -0.90	27.57 1.31 -2.38	27.42 1.33 -2.38	27.12 1.41 0.00	26.66 1.41 0.00	25.24 1.31 -0.99	25.04 1.28 -0.87	25.29 1.32 -0.88	26.69 1.50 -0.17	29.15 1.37 -3.36	32.03 1.39 -5.75	34.56 1.40 -8.56	35.53 1.63 -5.20	29.77 1.41 -2.21	26.61 1.19 -2.90	22.71 1.16 0.00	20.92 0.90 0.00
WARRENSBURG____ 23737	18.81 1.33 0.00	16.81 1.13 0.00	14.92 0.99 0.00	14.39 0.93 0.00	15.34 1.10 0.00	18.51 1.40 0.00	24.42 1.89 0.00	27.21 1.92 -1.23	29.01 1.89 -3.26	28.82 1.85 -3.26	27.79 2.08 0.00	27.32 2.07 0.00	25.99 1.70 -1.35	25.80 1.72 -1.19	26.05 1.75 -1.20	27.00 1.75 -0.23	30.68 1.66 -4.60	34.55 1.79 -7.87	37.92 1.62 -11.70	37.72 1.92 -7.11	31.21 2.04 -3.02	28.13 1.64 -3.96	23.21 1.66 0.00	21.32 1.30 0.00
WATERSIDE____6 8 9 23538	18.72 1.22 -0.01	16.73 1.04 -0.01	14.86 0.92 -0.01	14.30 0.83 -0.01	15.11 0.85 -0.01	18.15 1.04 -0.01	24.00 1.46 -0.01	26.85 1.83 -0.97	28.30 1.89 -2.54	30.25 1.92 -4.62	27.80 2.08 -0.01	27.40 2.10 -0.06	27.40 1.95 -2.51	27.40 1.92 -2.59	27.40 1.94 -2.36	28.35 2.10 -1.23	29.94 1.93 -3.59	32.91 1.89 -6.13	35.52 1.82 -9.11	36.32 2.09 -5.53	30.23 1.73 -2.35	27.28 1.67 -3.09	23.13 1.57 -0.01	21.31 1.28 -0.01
WATKINRD_115KV_LN8_ILLION 55919	17.52 0.03 0.00	15.71 0.03 0.00	13.96 0.03 0.00	13.49 0.03 0.00	14.27 0.03 0.00	17.15 0.05 0.00	22.59 0.07 0.00	24.15 0.10 0.00	23.97 0.10 0.00	23.81 0.09 0.00	25.84 0.13 0.00	25.38 0.13 0.00	23.03 0.09 0.00	22.98 0.09 0.00	23.19 0.09 0.00	25.12 0.10 0.00	24.52 0.10 0.00	24.96 0.07 0.00	24.64 0.05 0.00	28.75 0.06 0.00	26.16 0.00 0.00	22.50 -0.02 0.00	21.49 -0.06 0.00	19.94 -0.08 0.00
WATSON__69_KV_BK 1 55734	19.41 1.92 0.00	17.34 1.66 0.00	15.35 1.42 0.00	14.75 1.29 0.00	15.60 1.35 0.00	18.92 1.81 0.00	24.80 2.28 0.00	27.83 2.81 -0.96	29.40 2.98 -2.54	29.24 2.99 -2.54	28.81 3.09 -0.02	29.19 3.11 -0.83	27.68 2.82 -1.92	27.90 2.77 -2.25	28.38 2.82 -2.47	29.67 3.15 -1.49	30.98 2.95 -3.60	34.13 3.09 -6.16	38.39 2.95 -10.84	39.68 3.44 -7.55	31.62 3.09 -2.38	28.41 2.59 -3.29	24.09 2.54 0.00	22.18 2.16 0.00
WDELAWARE__HYD 323627	18.19 0.70 0.00	16.28 0.60 0.00	14.44 0.52 0.00	13.92 0.46 0.00	14.69 0.44 0.00	17.62 0.51 0.00	23.29 0.77 0.00	25.83 0.96 -0.81	27.04 1.03 -2.14	26.92 1.07 -2.14	26.76 1.05 0.00	26.31 1.06 0.00	24.84 1.01 -0.89	24.61 0.94 -0.79	24.90 1.02 -0.79	26.35 1.18 -0.15	28.47 1.03 -3.02	31.10 1.05 -5.17	33.35 1.06 -7.70	34.66 1.29 -4.68	29.21 1.07 -1.98	26.03 0.90 -2.60	22.41 0.86 0.00	20.66 0.64 0.00

WEST BABYLON___IC 23714	19.29 1.80 0.00	17.23 1.55 0.00	15.25 1.32 0.00	14.66 1.20 0.00	15.50 1.25 0.00	18.80 1.69 0.00	24.64 2.12 0.00	27.63 2.62 -0.96	29.18 2.77 -2.54	29.03 2.77 -2.54	28.60 2.88 -0.02	28.99 2.90 -0.83	27.50 2.64 -1.92	27.72 2.59 -2.25	28.20 2.63 -2.47	29.44 2.93 -1.49	30.78 2.76 -3.60	33.91 2.89 -6.13	36.88 2.75 -9.53	37.96 3.24 -6.02	31.39 2.88 -2.36	28.23 2.41 -3.29	23.94 2.39 0.00	22.04 2.02 0.00
WEST CANADA___HYD 24049	17.54 0.05 0.00	15.73 0.05 0.00	13.97 0.04 0.00	13.49 0.03 0.00	14.27 0.03 0.00	17.15 0.05 0.00	22.59 0.07 0.00	24.12 0.07 0.00	23.94 0.07 0.00	23.78 0.07 0.00	25.79 0.08 0.00	25.33 0.08 0.00	23.01 0.07 0.00	22.96 0.07 0.00	23.17 0.07 0.00	25.09 0.08 0.00	24.49 0.07 0.00	24.96 0.07 0.00	24.67 0.07 0.00	28.78 0.09 0.00	26.21 0.05 0.00	22.57 0.05 0.00	21.59 0.04 0.00	20.04 0.02 0.00
WESTERN_NY_WIND 24143	17.85 0.37 0.00	16.15 0.47 0.00	14.32 0.39 0.00	13.96 0.50 0.00	14.79 0.54 0.00	17.65 0.55 0.00	22.93 0.41 0.00	24.18 0.00 -0.13	24.24 0.02 -0.34	24.13 0.07 -0.34	26.15 0.44 0.00	25.55 0.30 0.00	23.18 0.09 -0.14	23.18 0.16 -0.13	23.50 0.28 -0.13	25.52 0.47 -0.02	25.17 0.27 -0.48	26.02 0.30 -0.83	26.00 0.17 -1.23	29.62 0.17 -0.75	26.76 0.29 -0.32	22.99 0.05 -0.42	21.70 0.15 0.00	20.54 0.52 0.00
WESTOVER___LESR 323668	17.87 0.38 0.00	16.07 0.39 0.00	14.25 0.32 0.00	13.81 0.35 0.00	14.62 0.37 0.00	17.55 0.44 0.00	23.02 0.50 0.00	24.61 0.26 -0.30	24.90 0.24 -0.79	24.76 0.26 -0.79	26.27 0.57 0.00	25.83 0.58 0.00	23.57 0.30 -0.33	23.48 0.30 -0.29	23.71 0.32 -0.29	25.63 0.55 -0.06	25.85 0.32 -1.11	27.11 0.32 -1.90	27.77 0.34 -2.83	30.81 0.40 -1.72	27.28 0.39 -0.73	23.75 0.27 -0.96	22.00 0.45 0.00	20.50 0.48 0.00
WETHRSFD_WT_PWR 323626	17.82 0.33 0.00	16.12 0.44 0.00	14.26 0.33 0.00	13.90 0.44 0.00	14.74 0.50 0.00	17.62 0.51 0.00	22.91 0.38 0.00	23.81 -0.41 -0.17	23.94 -0.38 -0.45	23.88 -0.28 -0.45	26.12 0.41 0.00	25.60 0.35 0.00	22.95 -0.18 -0.19	22.90 -0.16 -0.17	23.15 -0.11 -0.17	25.35 0.30 -0.03	24.81 -0.24 -0.64	25.78 -0.20 -1.09	25.92 -0.29 -1.62	29.25 -0.43 -0.99	26.34 -0.24 -0.42	22.71 -0.36 -0.55	21.66 0.11 0.00	20.48 0.46 0.00
WHAVSTOR_138KV_BK127 55557	18.45 0.96 0.00	16.50 0.82 0.00	14.65 0.72 0.00	14.12 0.66 0.00	14.93 0.68 0.00	17.92 0.82 0.00	23.65 1.13 0.00	26.35 1.39 -0.90	27.68 1.43 -2.38	27.56 1.47 -2.38	27.30 1.59 0.00	26.87 1.62 0.00	25.42 1.49 -0.99	25.23 1.46 -0.87	25.45 1.48 -0.88	26.82 1.63 -0.17	29.27 1.49 -3.36	32.12 1.49 -5.74	34.59 1.45 -8.54	35.57 1.69 -5.19	29.82 1.46 -2.20	26.70 1.28 -2.89	22.76 1.21 0.00	20.98 0.96 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	18.45 0.96 0.00	16.50 0.82 0.00	14.65 0.72 0.00	14.12 0.66 0.00	14.93 0.68 0.00	17.92 0.82 0.00	23.65 1.13 0.00	26.35 1.39 -0.90	27.68 1.43 -2.38	27.56 1.47 -2.38	27.30 1.59 0.00	26.87 1.62 0.00	25.42 1.49 -0.99	25.23 1.46 -0.87	25.45 1.48 -0.88	26.82 1.63 -0.17	29.27 1.49 -3.36	32.12 1.49 -5.74	34.59 1.45 -8.54	35.57 1.69 -5.19	29.82 1.46 -2.20	26.70 1.28 -2.89	22.76 1.21 0.00	20.98 0.96 0.00
WHITEHAL_115KV_TB1 80871	19.15 1.66 0.00	17.09 1.41 0.00	15.17 1.24 0.00	14.62 1.16 0.00	15.63 1.38 0.00	18.90 1.80 0.00	24.60 2.07 0.00	27.38 2.09 -1.23	29.15 2.03 -3.25	28.94 1.97 -3.26	27.97 2.26 0.00	27.45 2.20 0.00	26.08 1.79 -1.35	25.91 1.83 -1.19	26.14 1.85 -1.20	27.15 1.90 -0.23	30.82 1.81 -4.59	34.71 1.97 -7.86	38.13 1.84 -11.69	38.00 2.21 -7.10	31.42 2.25 -3.01	28.28 1.80 -3.96	23.28 1.72 0.00	21.40 1.38 0.00
WHITEPLN_13_KV_LOAD 356215	18.67 1.19 0.00	16.70 1.02 0.00	14.83 0.91 0.00	14.27 0.81 0.00	15.09 0.84 0.00	18.11 1.01 0.00	23.97 1.44 0.00	26.79 1.78 -0.96	28.26 1.86 -2.52	28.13 1.90 -2.52	27.77 2.06 0.00	27.32 2.07 0.00	25.85 1.86 -1.05	25.65 1.83 -0.93	25.90 1.87 -0.93	27.28 2.08 -0.18	29.89 1.90 -3.56	32.92 1.94 -6.09	35.55 1.89 -9.06	36.41 2.21 -5.51	30.35 1.86 -2.34	27.24 1.64 -3.07	23.08 1.53 0.00	21.24 1.22 0.00
WM_FLOYD_69_KV_BK2 356380	19.39 1.91 0.00	17.33 1.65 0.00	15.35 1.42 0.00	14.74 1.28 0.00	15.60 1.35 0.00	18.90 1.80 0.00	24.76 2.23 0.00	27.83 2.81 -0.96	29.40 2.98 -2.55	29.25 2.99 -2.55	28.76 3.03 -0.02	29.11 3.03 -0.83	27.59 2.73 -1.92	27.86 2.72 -2.25	28.33 2.77 -2.47	29.62 3.10 -1.50	30.93 2.91 -3.61	34.11 3.04 -6.18	40.11 2.90 -12.61	41.71 3.41 -9.60	31.60 3.03 -2.41	28.36 2.55 -3.29	24.07 2.52 0.00	22.16 2.14 0.00
WOODARD___115KV_TB2 355635	17.47 -0.02 0.00	15.68 0.00 0.00	13.91 -0.01 0.00	13.46 0.00 0.00	14.26 0.01 0.00	17.12 0.02 0.00	22.53 0.00 0.00	24.06 -0.07 -0.09	23.98 -0.12 -0.23	23.82 -0.12 -0.23	25.61 -0.10 0.00	25.15 -0.10 0.00	22.95 -0.09 -0.09	22.90 -0.07 -0.08	23.11 -0.07 -0.08	24.91 -0.13 -0.02	24.64 -0.10 -0.32	25.31 -0.12 -0.54	25.31 -0.10 -0.81	29.10 -0.09 -0.49	26.29 -0.08 -0.21	22.75 -0.05 -0.27	21.53 -0.02 0.00	20.04 0.02 0.00
YORK___WARBASSE 23770	18.73 1.24 -0.01	16.73 1.04 -0.01	14.86 0.92 -0.01	14.30 0.83 -0.01	15.11 0.85 -0.01	18.14 1.03 -0.01	24.00 1.46 -0.01	26.85 1.83 -0.97	28.32 1.91 -2.54	30.30 1.97 -4.62	27.83 2.11 -0.01	27.45 2.15 -0.06	27.42 1.97 -2.51	27.45 1.97 -2.59	27.42 1.96 -2.36	28.40 2.15 -1.23	30.01 2.00 -3.59	32.96 1.94 -6.13	35.55 1.84 -9.11	36.38 2.15 -5.53	30.20 1.70 -2.35	27.30 1.69 -3.09	23.15 1.59 -0.01	21.31 1.28 -0.01