

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

12/26/2023

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	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1	17.05	15.64	10.82	12.14	12.48	13.67	18.28	19.08	16.95	18.49	23.62	24.16	24.63	24.28	24.11	22.67	26.58	30.26	30.54	33.34	27.19	29.06	23.01	22.07
24138	0.84	0.75	0.53	0.56	0.56	0.62	0.83	0.96	0.89	0.97	1.34	1.36	1.40	1.41	1.28	1.16	1.41	1.59	1.57	1.68	1.34	1.31	0.91	0.76
	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
74TH STREET_GT_1	17.08	15.66	10.84	12.16	12.51	13.69	18.30	19.09	16.96	18.50	23.63	24.17	24.62	24.28	24.12	22.67	26.58	30.27	30.56	33.37	27.21	29.08	23.03	22.10
24260	0.87	0.76	0.54	0.58	0.59	0.64	0.85	0.97	0.90	0.97	1.35	1.36	1.40	1.41	1.29	1.16	1.41	1.60	1.59	1.71	1.36	1.33	0.93	0.80
	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
74TH STREET_GT_2	17.08	15.66	10.84	12.16	12.51	13.69	18.30	19.09	16.96	18.50	23.63	24.17	24.62	24.28	24.12	22.67	26.58	30.27	30.56	33.37	27.21	29.08	23.03	22.10
24261	0.87	0.76	0.54	0.58	0.59	0.64	0.85	0.97	0.90	0.97	1.35	1.36	1.40	1.41	1.29	1.16	1.41	1.60	1.59	1.71	1.36	1.33	0.93	0.80
	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
ADK HUDSON___FALLS	16.97	15.60	10.76	12.09	12.46	13.69	18.32	19.17	17.07	18.60	23.73	24.24	24.66	24.29	24.28	22.90	26.97	30.75	30.92	33.76	27.38	29.32	23.19	22.22
24011	0.76	0.70	0.46	0.52	0.54	0.64	0.87	1.04	1.01	1.08	1.45	1.43	1.43	1.43	1.45	1.39	1.80	2.08	1.95	2.09	1.53	1.57	1.09	0.91
	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
ADK RESOURCE___RCVRY	17.05	15.66	10.80	12.14	12.52	13.77	18.44	19.31	17.23	18.78	23.94	24.41	24.80	24.43	24.44	23.07	27.25	31.06	31.20	34.06	27.56	29.50	23.30	22.30
23798	0.84	0.77	0.50	0.56	0.60	0.72	0.99	1.19	1.17	1.26	1.66	1.60	1.57	1.56	1.61	1.56	2.08	2.39	2.23	2.39	1.71	1.75	1.20	0.99
	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
ADK S GLENS___FALLS	16.97	15.60	10.76	12.09	12.46	13.69	18.32	19.17	17.07	18.60	23.73	24.24	24.66	24.29	24.28	22.90	26.97	30.75	30.92	33.76	27.38	29.32	23.19	22.22
24028	0.76	0.70	0.46	0.52	0.54	0.64	0.87	1.04	1.01	1.08	1.45	1.43	1.43	1.43	1.45	1.39	1.80	2.08	1.95	2.09	1.53	1.57	1.09	0.91
	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
ADK_NYS___DAM	16.85	15.55	10.74	12.07	12.39	13.50	18.01	18.84	16.74	18.23	23.13	23.60	24.01	23.66	23.66	22.33	26.08	29.71	29.85	32.67	26.76	28.68	22.71	21.79
23527	0.64	0.65	0.44	0.49	0.47	0.44	0.57	0.72	0.68	0.71	0.85	0.79	0.79	0.79	0.83	0.81	0.90	1.04	0.88	1.01	0.91	0.92	0.61	0.49
	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
AIR_PRODUCTS___DRP	16.41	15.12	10.44	11.74	12.07	13.20	17.55	18.28	16.21	17.66	22.38	22.89	23.32	22.98	22.94	21.64	25.33	28.85	29.07	31.76	25.92	27.79	22.04	21.19
24190	0.20	0.22	0.15	0.16	0.15	0.15	0.10	0.15	0.15	0.13	0.10	0.08	0.09	0.11	0.11	0.13	0.16	0.18	0.10	0.10	0.07	0.04	-0.06	-0.12
	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
AKWESSNE_115KV_BK	16.37	15.05	10.39	11.69	12.03	13.18	17.63	18.29	16.20	17.70	22.54	23.09	23.50	23.12	23.12	21.76	25.45	29.03	29.45	32.24	26.36	28.27	22.51	21.72
355683	0.16	0.15	0.10	0.11	0.11	0.13	0.18	0.17	0.14	0.17	0.26	0.28	0.27	0.25	0.29	0.25	0.28	0.35	0.47	0.57	0.50	0.51	0.42	0.41
	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_SOLAR	16.70	15.39	10.63	11.96	12.30	13.45	17.94	18.68	16.55	18.02	22.86	23.38	23.80	23.44	23.42	22.09	25.89	29.52	29.77	32.52	26.54	28.44	22.57	21.71
323833	0.50	0.49	0.34	0.38	0.39	0.40	0.49	0.55	0.49	0.50	0.58	0.57	0.57	0.57	0.60	0.58	0.72	0.85	0.79	0.86	0.69	0.69	0.47	0.40
	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_2_SOLAR	16.70	15.38	10.63	11.96	12.30	13.45	17.94	18.67	16.55	18.02	22.86	23.38	23.79	23.44	23.41	22.08	25.88	29.51	29.76	32.51	26.54	28.44	22.57	21.71
323834	0.49	0.49	0.34	0.38	0.38	0.40	0.49	0.54	0.49	0.49	0.57	0.57	0.56	0.57	0.59	0.57	0.71	0.84	0.78	0.85	0.68	0.69	0.47	0.40
	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	16.41	15.12	10.44	11.74	12.07	13.20	17.55	18.28	16.21	17.66	22.38	22.89	23.32	22.98	22.94	21.64	25.33	28.85	29.07	31.76	25.92	27.79	22.04	21.19
23571	0.20	0.22	0.15	0.16	0.15	0.15	0.10	0.15	0.15	0.13	0.10	0.08	0.09	0.11	0.11	0.13	0.16	0.18	0.10	0.10	0.07	0.04	-0.06	-0.12
	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___2 23572	16.41 0.20 0.00	15.12 0.22 0.00	10.44 0.15 0.00	11.74 0.16 0.00	12.07 0.15 0.00	13.20 0.15 0.00	17.55 0.10 0.00	18.28 0.15 0.00	16.21 0.15 0.00	17.66 0.13 0.00	22.38 0.10 0.00	22.89 0.08 0.00	23.32 0.09 0.00	22.98 0.11 0.00	22.94 0.11 0.00	21.64 0.13 0.00	25.33 0.16 0.00	28.85 0.18 0.00	29.07 0.10 0.00	31.76 0.10 0.00	25.92 0.07 0.00	27.79 0.04 0.00	22.04 -0.06 0.00	21.19 -0.12 0.00
ALBANY___3 23573	16.41 0.20 0.00	15.12 0.22 0.00	10.44 0.15 0.00	11.74 0.16 0.00	12.07 0.15 0.00	13.20 0.15 0.00	17.55 0.10 0.00	18.28 0.15 0.00	16.21 0.15 0.00	17.66 0.13 0.00	22.38 0.10 0.00	22.89 0.08 0.00	23.32 0.09 0.00	22.98 0.11 0.00	22.94 0.11 0.00	21.64 0.13 0.00	25.33 0.16 0.00	28.85 0.18 0.00	29.07 0.10 0.00	31.76 0.10 0.00	25.92 0.07 0.00	27.79 0.04 0.00	22.04 -0.06 0.00	21.19 -0.12 0.00
ALBANY___4 23574	16.41 0.20 0.00	15.12 0.22 0.00	10.44 0.15 0.00	11.74 0.16 0.00	12.07 0.15 0.00	13.20 0.15 0.00	17.55 0.10 0.00	18.28 0.15 0.00	16.21 0.15 0.00	17.66 0.13 0.00	22.38 0.10 0.00	22.89 0.08 0.00	23.32 0.09 0.00	22.98 0.11 0.00	22.94 0.11 0.00	21.64 0.13 0.00	25.33 0.16 0.00	28.85 0.18 0.00	29.07 0.10 0.00	31.76 0.10 0.00	25.92 0.07 0.00	27.79 0.04 0.00	22.04 -0.06 0.00	21.19 -0.12 0.00
ALBANY___LFGE 323615	16.53 0.32 0.00	15.23 0.33 0.00	10.52 0.22 0.00	11.83 0.24 0.00	12.16 0.25 0.00	13.30 0.25 0.00	17.71 0.26 0.00	18.45 0.32 0.00	16.37 0.30 0.00	17.83 0.31 0.00	22.62 0.34 0.00	23.14 0.33 0.00	23.58 0.35 0.00	23.23 0.36 0.00	23.19 0.37 0.00	21.87 0.36 0.00	25.62 0.45 0.00	29.17 0.50 0.00	29.39 0.42 0.00	32.10 0.44 0.00	26.19 0.34 0.00	28.07 0.32 0.00	22.26 0.16 0.00	21.40 0.09 0.00
ALCOA_PA_115KV_PL-6C 55860	16.45 0.24 0.00	15.13 0.23 0.00	10.44 0.14 0.00	11.76 0.18 0.00	12.10 0.18 0.00	13.26 0.20 0.00	17.73 0.28 0.00	18.40 0.28 0.00	16.29 0.22 0.00	17.78 0.26 0.00	22.64 0.36 0.00	23.19 0.39 0.00	23.61 0.38 0.00	23.24 0.37 0.00	23.24 0.41 0.00	21.88 0.37 0.00	25.60 0.43 0.00	29.20 0.53 0.00	29.63 0.66 0.00	32.45 0.79 0.00	26.52 0.67 0.00	28.44 0.69 0.00	22.65 0.55 0.00	21.85 0.54 0.00
ALCOA_RYNLDS___DRP 24188	16.45 0.24 0.00	15.13 0.23 0.00	10.44 0.14 0.00	11.76 0.18 0.00	12.10 0.18 0.00	13.26 0.20 0.00	17.73 0.28 0.00	18.40 0.28 0.00	16.29 0.22 0.00	17.78 0.26 0.00	22.64 0.36 0.00	23.19 0.39 0.00	23.61 0.38 0.00	23.24 0.37 0.00	23.24 0.41 0.00	21.88 0.37 0.00	25.60 0.43 0.00	29.20 0.53 0.00	29.63 0.66 0.00	32.45 0.79 0.00	26.52 0.67 0.00	28.44 0.69 0.00	22.65 0.55 0.00	21.85 0.54 0.00
ALCOA___DSASP 323711	16.45 0.24 0.00	15.13 0.23 0.00	10.44 0.15 0.00	11.76 0.18 0.00	12.10 0.18 0.00	13.26 0.20 0.00	17.73 0.28 0.00	18.40 0.28 0.00	16.29 0.22 0.00	17.78 0.26 0.00	22.64 0.36 0.00	23.19 0.38 0.00	23.61 0.38 0.00	23.23 0.36 0.00	23.24 0.41 0.00	21.88 0.37 0.00	25.60 0.43 0.00	29.20 0.53 0.00	29.63 0.66 0.00	32.45 0.79 0.00	26.52 0.67 0.00	28.44 0.69 0.00	22.65 0.55 0.00	21.85 0.54 0.00
ALLEGHENY___COGEN 23514	15.56 -0.65 0.00	14.29 -0.61 0.00	9.89 -0.41 0.00	11.15 -0.43 0.00	11.52 -0.40 0.00	12.78 -0.27 0.00	17.34 -0.11 0.00	17.92 -0.21 0.00	15.81 -0.25 0.00	17.20 -0.32 0.00	21.79 -0.49 0.00	22.41 -0.40 0.00	22.77 -0.46 0.00	22.29 -0.59 0.00	22.39 -0.44 0.00	21.06 -0.45 0.00	24.73 -0.45 0.00	28.26 -0.41 0.00	28.69 -0.28 0.00	31.17 -0.49 0.00	25.35 -0.50 0.00	27.12 -0.63 0.00	21.78 -0.32 0.00	21.13 -0.18 0.00
ALTAMONT_115KV_TB 2 55880	16.54 0.33 0.00	15.21 0.32 0.00	10.52 0.22 0.00	11.82 0.24 0.00	12.16 0.24 0.00	13.30 0.25 0.00	17.74 0.30 0.00	18.48 0.35 0.00	16.39 0.33 0.00	17.86 0.34 0.00	22.70 0.42 0.00	23.22 0.41 0.00	23.65 0.42 0.00	23.30 0.43 0.00	23.25 0.42 0.00	21.91 0.40 0.00	25.68 0.50 0.00	29.25 0.58 0.00	29.49 0.51 0.00	32.22 0.55 0.00	26.29 0.43 0.00	28.18 0.43 0.00	22.37 0.27 0.00	21.51 0.20 0.00
ALTONA_WT_PWR 323606	16.76 0.54 0.00	15.39 0.49 0.00	10.62 0.32 0.00	11.94 0.36 0.00	12.29 0.37 0.00	13.47 0.42 0.00	18.03 0.59 0.00	18.79 0.67 0.00	16.64 0.58 0.00	18.16 0.63 0.00	23.08 0.80 0.00	23.61 0.81 0.00	24.02 0.79 0.00	23.63 0.75 0.00	23.62 0.79 0.00	22.31 0.79 0.00	26.17 1.00 0.00	29.81 1.14 0.00	30.18 1.20 0.00	33.01 1.35 0.00	26.95 1.10 0.00	28.89 1.14 0.00	22.99 0.88 0.00	22.15 0.85 0.00
AMERICAN_REF_FUEL 24010	14.55 -1.66 0.00	13.35 -1.55 0.00	9.24 -1.05 0.00	10.46 -1.12 0.00	10.79 -1.13 0.00	11.96 -1.09 0.00	16.17 -1.28 0.00	16.44 -1.69 0.00	14.44 -1.62 0.00	15.85 -1.68 0.00	20.11 -2.17 0.00	20.67 -2.14 0.00	20.97 -2.25 0.00	20.52 -2.35 0.00	20.58 -2.25 0.00	19.26 -2.25 0.00	22.49 -2.68 0.00	25.56 -3.12 0.00	25.97 -3.01 0.00	28.27 -3.39 0.00	23.07 -2.78 0.00	24.67 -3.08 0.00	20.01 -2.09 0.00	19.68 -1.63 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	14.67 -1.54 0.00	13.37 -1.53 0.00	9.32 -0.97 0.00	10.49 -1.09 0.00	10.82 -1.10 0.00	12.07 -0.98 0.00	16.55 -0.89 0.00	16.89 -1.23 0.00	14.83 -1.22 0.00	16.18 -1.35 0.00	20.56 -1.72 0.00	21.17 -1.64 0.00	21.61 -1.62 0.00	21.29 -1.58 0.00	21.35 -1.48 0.00	20.00 -1.52 0.00	23.51 -1.66 0.00	26.87 -1.80 0.00	27.36 -1.62 0.00	29.71 -1.95 0.00	24.19 -1.66 0.00	25.83 -1.92 0.00	20.71 -1.39 0.00	20.17 -1.14 0.00
ARTHUR KILL_GT_1 23520	17.05 0.84 0.00	15.62 0.73 0.00	10.82 0.52 0.00	12.14 0.56 0.00	12.48 0.56 0.00	13.66 0.61 0.00	18.27 0.83 0.00	19.06 0.94 0.00	16.88 0.82 0.00	18.36 0.84 0.00	23.44 1.16 0.00	23.97 1.17 0.00	72.44 1.31 -47.91	46.37 1.31 -22.19	54.53 1.19 -30.51	97.04 1.09 -74.45	34.56 1.32 -8.07	158.93 1.53 -128.74	38.84 1.50 -8.36	89.06 1.62 -55.77	60.52 1.27 -33.40	118.73 1.24 -89.73	23.02 0.90 -0.02	22.11 0.80 0.00
ARTHUR_KILL_2 23512	17.01 0.80 0.00	15.59 0.69 0.00	10.79 0.50 0.00	12.11 0.53 0.00	12.45 0.53 0.00	13.63 0.58 0.00	18.22 0.78 0.00	19.01 0.89 0.00	16.83 0.77 0.00	18.31 0.78 0.00	23.38 1.10 0.00	23.91 1.10 0.00	72.37 1.24 -47.91	46.30 1.24 -22.19	54.46 1.12 -30.51	96.98 1.02 -74.45	34.48 1.24 -8.07	158.85 1.44 -128.74	38.74 1.41 -8.36	88.96 1.52 -55.77	60.43 1.18 -33.40	118.64 1.16 -89.73	22.95 0.83 -0.02	22.05 0.75 0.00
ARTHUR_KILL_3 23513	16.90 0.69 0.00	15.50 0.60 0.00	10.73 0.44 0.00	12.04 0.46 0.00	12.38 0.46 0.00	13.55 0.50 0.00	18.10 0.65 0.00	18.89 0.77 0.00	16.77 0.71 0.00	18.28 0.76 0.00	23.35 1.07 0.00	23.89 1.08 0.00	73.52 1.11 -49.18	46.19 1.13 -22.19	54.34 1.00 -30.51	96.86 0.90 -74.45	34.34 1.10 -8.07	158.64 1.24 -128.74	38.56 1.23 -8.36	88.75 1.32 -55.77	60.32 1.07 -33.40	101.12 1.02 -72.35	22.80 0.69 -0.02	21.87 0.56 0.00

ARTHUR_KILL_COGEN 323718	17.05 0.84 0.00	15.62 0.73 0.00	10.82 0.52 0.00	12.14 0.56 0.00	12.48 0.56 0.00	13.66 0.61 0.00	18.27 0.83 0.00	19.06 0.94 0.00	16.88 0.82 0.00	18.36 0.84 0.00	23.44 1.16 0.00	23.97 1.17 0.00	72.44 1.31 -47.91	46.37 1.31 -22.19	54.53 1.19 -30.51	97.04 1.09 -74.45	34.56 1.32 -8.07	158.93 1.53 -128.74	38.84 1.50 -8.36	89.06 1.62 -55.77	60.52 1.27 -33.40	118.73 1.24 -89.73	23.02 0.90 -0.02	22.11 0.80 0.00
ASHOKAN____ 23654	16.97 0.76 0.00	15.59 0.69 0.00	10.77 0.48 0.00	12.10 0.52 0.00	12.46 0.54 0.00	13.64 0.59 0.00	18.25 0.81 0.00	19.05 0.93 0.00	16.93 0.87 0.00	18.47 0.94 0.00	23.47 1.19 0.00	24.03 1.21 0.00	24.45 1.22 0.00	24.04 1.17 0.00	23.99 1.16 0.00	22.62 1.11 0.00	26.63 1.45 0.00	30.40 1.73 0.00	30.64 1.66 0.00	33.44 1.78 0.00	27.24 1.38 0.00	29.10 1.35 0.00	23.03 0.93 0.00	22.06 0.76 0.00
ASTORIA_EAST_ENERGY_CC1 323581	16.94 0.74 0.00	15.54 0.64 0.00	10.76 0.46 0.00	12.06 0.48 0.00	12.40 0.48 0.00	13.56 0.51 0.00	18.14 0.69 0.00	18.98 0.86 0.00	16.84 0.78 0.00	18.40 0.87 0.00	23.53 1.25 0.00	24.04 1.23 0.00	24.49 1.27 0.00	24.20 1.33 0.00	24.00 1.17 0.00	22.55 1.03 0.00	26.45 1.28 0.00	30.08 1.41 0.00	30.33 1.36 0.00	33.13 1.47 0.00	27.04 1.19 0.00	28.89 1.14 0.00	22.92 0.82 0.00	22.03 0.73 0.00
ASTORIA_EAST_ENERGY_CC2 323582	16.94 0.74 0.00	15.54 0.64 0.00	10.76 0.46 0.00	12.06 0.48 0.00	12.40 0.48 0.00	13.56 0.51 0.00	18.14 0.69 0.00	18.98 0.86 0.00	16.84 0.78 0.00	18.40 0.87 0.00	23.53 1.25 0.00	24.03 1.22 0.00	24.49 1.27 0.00	24.20 1.33 0.00	24.00 1.17 0.00	22.55 1.03 0.00	26.45 1.28 0.00	30.08 1.41 0.00	30.33 1.36 0.00	33.13 1.47 0.00	27.04 1.19 0.00	28.89 1.14 0.00	22.92 0.82 0.00	22.03 0.72 0.00
ASTORIA_GT2_1 24094	16.95 0.74 0.00	15.54 0.64 0.00	10.76 0.46 0.00	12.06 0.48 0.00	12.40 0.48 0.00	13.57 0.52 0.00	18.14 0.69 0.00	18.99 0.87 0.00	16.85 0.80 0.00	18.41 0.89 0.00	23.54 1.26 0.00	24.05 1.24 0.00	24.50 1.27 0.00	24.20 1.33 0.00	24.01 1.17 0.00	22.56 1.05 0.00	26.46 1.29 0.00	30.08 1.41 0.00	30.35 1.38 0.00	33.14 1.48 0.00	27.05 1.20 0.00	28.91 1.16 0.00	22.92 0.82 0.00	22.04 0.73 0.00
ASTORIA_GT2_2 24095	16.95 0.74 0.00	15.54 0.64 0.00	10.76 0.46 0.00	12.06 0.48 0.00	12.40 0.48 0.00	13.57 0.52 0.00	18.14 0.69 0.00	18.99 0.87 0.00	16.85 0.80 0.00	18.41 0.89 0.00	23.54 1.26 0.00	24.05 1.24 0.00	24.50 1.27 0.00	24.20 1.33 0.00	24.01 1.17 0.00	22.56 1.05 0.00	26.46 1.29 0.00	30.08 1.41 0.00	30.35 1.38 0.00	33.14 1.48 0.00	27.05 1.20 0.00	28.91 1.16 0.00	22.92 0.82 0.00	22.04 0.73 0.00
ASTORIA_GT2_3 24096	16.95 0.74 0.00	15.54 0.64 0.00	10.76 0.46 0.00	12.06 0.48 0.00	12.40 0.48 0.00	13.57 0.52 0.00	18.14 0.69 0.00	18.99 0.87 0.00	16.85 0.80 0.00	18.41 0.89 0.00	23.54 1.26 0.00	24.05 1.24 0.00	24.50 1.27 0.00	24.20 1.33 0.00	24.01 1.17 0.00	22.56 1.05 0.00	26.46 1.29 0.00	30.08 1.41 0.00	30.35 1.38 0.00	33.14 1.48 0.00	27.05 1.20 0.00	28.91 1.16 0.00	22.92 0.82 0.00	22.04 0.73 0.00
ASTORIA_GT2_4 24097	16.95 0.74 0.00	15.54 0.64 0.00	10.76 0.46 0.00	12.06 0.48 0.00	12.40 0.48 0.00	13.57 0.52 0.00	18.14 0.69 0.00	18.99 0.87 0.00	16.85 0.80 0.00	18.41 0.89 0.00	23.54 1.26 0.00	24.05 1.24 0.00	24.50 1.27 0.00	24.20 1.33 0.00	24.01 1.17 0.00	22.56 1.05 0.00	26.46 1.29 0.00	30.08 1.41 0.00	30.35 1.38 0.00	33.14 1.48 0.00	27.05 1.20 0.00	28.91 1.16 0.00	22.92 0.82 0.00	22.04 0.73 0.00
ASTORIA_GT3_1 24098	16.95 0.74 0.00	15.54 0.64 0.00	10.76 0.46 0.00	12.06 0.48 0.00	12.40 0.48 0.00	13.57 0.52 0.00	18.14 0.69 0.00	18.99 0.87 0.00	16.85 0.80 0.00	18.41 0.89 0.00	23.54 1.26 0.00	24.05 1.24 0.00	24.50 1.27 0.00	24.20 1.33 0.00	24.01 1.17 0.00	22.56 1.05 0.00	26.46 1.29 0.00	30.08 1.41 0.00	30.35 1.38 0.00	33.14 1.48 0.00	27.05 1.20 0.00	28.91 1.16 0.00	22.92 0.82 0.00	22.04 0.73 0.00
ASTORIA_GT3_2 24099	16.95 0.74 0.00	15.54 0.64 0.00	10.76 0.46 0.00	12.06 0.48 0.00	12.40 0.48 0.00	13.57 0.52 0.00	18.14 0.69 0.00	18.99 0.87 0.00	16.85 0.80 0.00	18.41 0.89 0.00	23.54 1.26 0.00	24.05 1.24 0.00	24.50 1.27 0.00	24.20 1.33 0.00	24.01 1.17 0.00	22.56 1.05 0.00	26.46 1.29 0.00	30.08 1.41 0.00	30.35 1.38 0.00	33.14 1.48 0.00	27.05 1.20 0.00	28.91 1.16 0.00	22.92 0.82 0.00	22.04 0.73 0.00
ASTORIA_GT3_3 24100	16.95 0.74 0.00	15.54 0.64 0.00	10.76 0.46 0.00	12.06 0.48 0.00	12.40 0.48 0.00	13.57 0.52 0.00	18.14 0.69 0.00	18.99 0.87 0.00	16.85 0.80 0.00	18.41 0.89 0.00	23.54 1.26 0.00	24.05 1.24 0.00	24.50 1.27 0.00	24.20 1.33 0.00	24.01 1.17 0.00	22.56 1.05 0.00	26.46 1.29 0.00	30.08 1.41 0.00	30.35 1.38 0.00	33.14 1.48 0.00	27.05 1.20 0.00	28.91 1.16 0.00	22.92 0.82 0.00	22.04 0.73 0.00
ASTORIA_GT3_4 24101	16.95 0.74 0.00	15.54 0.64 0.00	10.76 0.46 0.00	12.06 0.48 0.00	12.40 0.48 0.00	13.57 0.52 0.00	18.14 0.69 0.00	18.99 0.87 0.00	16.85 0.80 0.00	18.41 0.89 0.00	23.54 1.26 0.00	24.05 1.24 0.00	24.50 1.27 0.00	24.20 1.33 0.00	24.01 1.17 0.00	22.56 1.05 0.00	26.46 1.29 0.00	30.08 1.41 0.00	30.35 1.38 0.00	33.14 1.48 0.00	27.05 1.20 0.00	28.91 1.16 0.00	22.92 0.82 0.00	22.04 0.73 0.00
ASTORIA_GT4_1 24102	16.95 0.74 0.00	15.54 0.64 0.00	10.76 0.46 0.00	12.06 0.48 0.00	12.40 0.48 0.00	13.57 0.52 0.00	18.14 0.69 0.00	18.99 0.87 0.00	16.85 0.80 0.00	18.41 0.89 0.00	23.54 1.26 0.00	24.05 1.24 0.00	24.50 1.27 0.00	24.20 1.33 0.00	24.01 1.17 0.00	22.56 1.05 0.00	26.46 1.29 0.00	30.08 1.41 0.00	30.35 1.38 0.00	33.14 1.48 0.00	27.05 1.20 0.00	28.91 1.16 0.00	22.92 0.82 0.00	22.04 0.73 0.00
ASTORIA_GT4_2 24103	16.95 0.74 0.00	15.54 0.64 0.00	10.76 0.46 0.00	12.06 0.48 0.00	12.40 0.48 0.00	13.57 0.52 0.00	18.14 0.69 0.00	18.99 0.87 0.00	16.85 0.80 0.00	18.41 0.89 0.00	23.54 1.26 0.00	24.05 1.24 0.00	24.50 1.27 0.00	24.20 1.33 0.00	24.01 1.17 0.00	22.56 1.05 0.00	26.46 1.29 0.00	30.08 1.41 0.00	30.35 1.38 0.00	33.14 1.48 0.00	27.05 1.20 0.00	28.91 1.16 0.00	22.92 0.82 0.00	22.04 0.73 0.00
ASTORIA_GT4_3 24104	16.95 0.74 0.00	15.54 0.64 0.00	10.76 0.46 0.00	12.06 0.48 0.00	12.40 0.48 0.00	13.57 0.52 0.00	18.14 0.69 0.00	18.99 0.87 0.00	16.85 0.80 0.00	18.41 0.89 0.00	23.54 1.26 0.00	24.05 1.24 0.00	24.50 1.27 0.00	24.20 1.33 0.00	24.01 1.17 0.00	22.56 1.05 0.00	26.46 1.29 0.00	30.08 1.41 0.00	30.35 1.38 0.00	33.14 1.48 0.00	27.05 1.20 0.00	28.91 1.16 0.00	22.92 0.82 0.00	22.04 0.73 0.00

ASTORIA_GT4_4 24105	16.95 0.74 0.00	15.54 0.64 0.00	10.76 0.46 0.00	12.06 0.48 0.00	12.40 0.48 0.00	13.57 0.52 0.00	18.14 0.69 0.00	18.99 0.87 0.00	16.85 0.80 0.00	18.41 0.89 0.00	23.54 1.26 0.00	24.05 1.24 0.00	24.50 1.27 0.00	24.20 1.33 0.00	24.01 1.17 0.00	22.56 1.05 0.00	26.46 1.29 0.00	30.08 1.41 0.00	30.35 1.38 0.00	33.14 1.48 0.00	27.05 1.20 0.00	28.91 1.16 0.00	22.92 0.82 0.00	22.04 0.73 0.00
ASTORIA_GT_1 23523	16.98 0.77 0.00	15.57 0.67 0.00	10.77 0.48 0.00	12.08 0.50 0.00	12.42 0.50 0.00	13.59 0.53 0.00	18.17 0.73 0.00	19.02 0.90 0.00	16.89 0.83 0.00	18.44 0.92 0.00	23.58 1.30 0.00	24.09 1.28 0.00	24.55 1.32 0.00	24.25 1.38 0.00	24.04 1.21 0.00	22.60 1.09 0.00	26.52 1.34 0.00	30.15 1.48 0.00	30.41 1.43 0.00	33.21 1.54 0.00	27.10 1.25 0.00	28.97 1.22 0.00	22.96 0.86 0.00	22.07 0.77 0.00
ASTORIA_GT_10 24110	17.04 0.83 0.00	15.62 0.73 0.00	10.81 0.52 0.00	12.12 0.54 0.00	12.46 0.54 0.00	13.64 0.58 0.00	18.22 0.77 0.00	19.02 0.90 0.00	16.88 0.82 0.00	18.41 0.89 0.00	23.53 1.25 0.00	24.05 1.24 0.00	24.51 1.28 0.00	24.18 1.30 0.00	23.99 1.16 0.00	22.55 1.04 0.00	26.44 1.27 0.00	30.10 1.43 0.00	30.41 1.43 0.00	33.21 1.54 0.00	27.08 1.23 0.00	28.94 1.19 0.00	22.93 0.83 0.00	22.03 0.72 0.00
ASTORIA_GT_11 24225	17.04 0.83 0.00	15.62 0.73 0.00	10.81 0.52 0.00	12.12 0.54 0.00	12.46 0.54 0.00	13.64 0.58 0.00	18.22 0.77 0.00	19.02 0.90 0.00	16.88 0.82 0.00	18.41 0.89 0.00	23.53 1.25 0.00	24.05 1.24 0.00	24.51 1.28 0.00	24.18 1.30 0.00	23.99 1.16 0.00	22.55 1.04 0.00	26.44 1.27 0.00	30.10 1.43 0.00	30.41 1.43 0.00	33.21 1.54 0.00	27.08 1.23 0.00	28.94 1.19 0.00	22.93 0.83 0.00	22.03 0.72 0.00
ASTORIA_GT_12 24226	17.04 0.83 0.00	15.62 0.73 0.00	10.81 0.52 0.00	12.12 0.54 0.00	12.46 0.54 0.00	13.64 0.58 0.00	18.22 0.77 0.00	19.02 0.90 0.00	16.88 0.82 0.00	18.41 0.89 0.00	23.53 1.25 0.00	24.05 1.24 0.00	24.51 1.28 0.00	24.18 1.30 0.00	23.99 1.16 0.00	22.55 1.04 0.00	26.44 1.27 0.00	30.10 1.43 0.00	30.41 1.43 0.00	33.21 1.54 0.00	27.08 1.23 0.00	28.94 1.19 0.00	22.93 0.83 0.00	22.03 0.72 0.00
ASTORIA_GT_13 24227	17.04 0.83 0.00	15.62 0.73 0.00	10.81 0.52 0.00	12.12 0.54 0.00	12.46 0.54 0.00	13.64 0.58 0.00	18.22 0.77 0.00	19.02 0.90 0.00	16.88 0.82 0.00	18.41 0.89 0.00	23.53 1.25 0.00	24.05 1.24 0.00	24.51 1.28 0.00	24.18 1.30 0.00	23.99 1.16 0.00	22.55 1.04 0.00	26.44 1.27 0.00	30.10 1.43 0.00	30.41 1.43 0.00	33.21 1.54 0.00	27.08 1.23 0.00	28.94 1.19 0.00	22.93 0.83 0.00	22.03 0.72 0.00
ASTORIA_GT_5 24106	16.98 0.77 0.00	15.57 0.67 0.00	10.77 0.48 0.00	12.08 0.50 0.00	12.41 0.49 0.00	13.59 0.53 0.00	18.17 0.73 0.00	19.02 0.90 0.00	16.89 0.83 0.00	18.45 0.92 0.00	23.58 1.30 0.00	24.10 1.28 0.00	24.54 1.32 0.00	24.24 1.37 0.00	24.05 1.22 0.00	22.60 1.09 0.00	26.52 1.34 0.00	30.14 1.47 0.00	30.41 1.44 0.00	33.21 1.54 0.00	27.10 1.25 0.00	28.97 1.21 0.00	22.96 0.86 0.00	22.07 0.76 0.00
ASTORIA_GT_7 24107	16.98 0.77 0.00	15.57 0.67 0.00	10.77 0.48 0.00	12.08 0.50 0.00	12.41 0.49 0.00	13.59 0.53 0.00	18.17 0.73 0.00	19.02 0.90 0.00	16.89 0.83 0.00	18.45 0.92 0.00	23.58 1.30 0.00	24.10 1.28 0.00	24.54 1.32 0.00	24.24 1.37 0.00	24.05 1.22 0.00	22.60 1.09 0.00	26.52 1.34 0.00	30.14 1.47 0.00	30.41 1.44 0.00	33.21 1.54 0.00	27.10 1.25 0.00	28.97 1.21 0.00	22.96 0.86 0.00	22.07 0.76 0.00
ASTORIA_GT_8 24108	16.98 0.77 0.00	15.57 0.67 0.00	10.77 0.48 0.00	12.08 0.50 0.00	12.41 0.49 0.00	13.59 0.53 0.00	18.17 0.73 0.00	19.02 0.90 0.00	16.89 0.83 0.00	18.45 0.92 0.00	23.58 1.30 0.00	24.10 1.28 0.00	24.54 1.32 0.00	24.24 1.37 0.00	24.05 1.22 0.00	22.60 1.09 0.00	26.52 1.34 0.00	30.14 1.47 0.00	30.41 1.44 0.00	33.21 1.54 0.00	27.10 1.25 0.00	28.97 1.21 0.00	22.96 0.86 0.00	22.07 0.76 0.00
ASTORIA___2 24149	16.95 0.74 0.00	15.54 0.64 0.00	10.76 0.46 0.00	12.06 0.48 0.00	12.40 0.48 0.00	13.57 0.52 0.00	18.14 0.69 0.00	18.99 0.87 0.00	16.85 0.79 0.00	18.41 0.88 0.00	23.54 1.26 0.00	24.04 1.24 0.00	24.50 1.27 0.00	24.21 1.34 0.00	24.00 1.18 0.00	22.56 1.05 0.00	26.46 1.29 0.00	30.09 1.42 0.00	30.35 1.37 0.00	33.15 1.48 0.00	27.05 1.20 0.00	28.91 1.16 0.00	22.92 0.82 0.00	22.04 0.74 0.00
ASTORIA___3 23516	17.04 0.83 0.00	15.62 0.73 0.00	10.81 0.52 0.00	12.12 0.54 0.00	12.46 0.54 0.00	13.64 0.59 0.00	18.22 0.77 0.00	19.02 0.89 0.00	16.88 0.82 0.00	18.41 0.89 0.00	23.53 1.24 0.00	24.04 1.23 0.00	24.51 1.29 0.00	24.18 1.31 0.00	23.99 1.16 0.00	22.55 1.04 0.00	26.44 1.27 0.00	30.11 1.44 0.00	30.41 1.43 0.00	33.21 1.54 0.00	27.08 1.23 0.00	28.94 1.19 0.00	22.93 0.82 0.00	22.03 0.72 0.00
ASTORIA___4 23517	17.04 0.83 0.00	15.62 0.73 0.00	10.81 0.52 0.00	12.12 0.54 0.00	12.46 0.54 0.00	13.64 0.58 0.00	18.22 0.77 0.00	19.02 0.90 0.00	16.88 0.82 0.00	18.41 0.89 0.00	23.53 1.25 0.00	24.05 1.24 0.00	24.51 1.28 0.00	24.18 1.30 0.00	23.99 1.16 0.00	22.55 1.04 0.00	26.44 1.27 0.00	30.10 1.43 0.00	30.41 1.43 0.00	33.21 1.54 0.00	27.08 1.23 0.00	28.94 1.19 0.00	22.93 0.83 0.00	22.03 0.72 0.00
ASTORIA___5 23518	17.04 0.83 0.00	15.62 0.73 0.00	10.81 0.52 0.00	12.12 0.54 0.00	12.46 0.54 0.00	13.64 0.59 0.00	18.22 0.77 0.00	19.02 0.89 0.00	16.88 0.82 0.00	18.41 0.89 0.00	23.53 1.24 0.00	24.04 1.23 0.00	24.51 1.29 0.00	24.18 1.31 0.00	23.99 1.16 0.00	22.55 1.04 0.00	26.44 1.27 0.00	30.11 1.44 0.00	30.41 1.43 0.00	33.21 1.54 0.00	27.08 1.23 0.00	28.94 1.19 0.00	22.93 0.82 0.00	22.03 0.72 0.00
AST_ENERGY_2_CC3 323677	16.96 0.75 0.00	15.56 0.66 0.00	10.77 0.47 0.00	12.07 0.49 0.00	12.42 0.50 0.00	13.59 0.54 0.00	18.15 0.70 0.00	18.94 0.82 0.00	16.82 0.76 0.00	18.34 0.82 0.00	23.45 1.17 0.00	23.98 1.18 0.00	24.43 1.20 0.00	24.10 1.23 0.00	23.93 1.10 0.00	22.50 0.99 0.00	26.36 1.19 0.00	30.01 1.34 0.00	30.29 1.32 0.00	33.09 1.43 0.00	26.99 1.14 0.00	28.85 1.10 0.00	22.86 0.76 0.00	21.95 0.65 0.00
AST_ENERGY_2_CC4 323678	16.96 0.75 0.00	15.56 0.66 0.00	10.77 0.47 0.00	12.07 0.49 0.00	12.42 0.50 0.00	13.59 0.54 0.00	18.15 0.70 0.00	18.94 0.82 0.00	16.82 0.76 0.00	18.34 0.82 0.00	23.45 1.17 0.00	23.98 1.18 0.00	24.43 1.20 0.00	24.10 1.23 0.00	23.93 1.10 0.00	22.50 0.99 0.00	26.36 1.19 0.00	30.01 1.34 0.00	30.29 1.32 0.00	33.09 1.43 0.00	26.99 1.14 0.00	28.85 1.10 0.00	22.86 0.76 0.00	21.95 0.65 0.00

ATHENS_STG_1 23668	16.65 0.44 0.00	15.30 0.40 0.00	10.58 0.28 0.00	11.88 0.30 0.00	12.22 0.30 0.00	13.37 0.32 0.00	17.85 0.40 0.00	18.60 0.47 0.00	16.50 0.44 0.00	17.99 0.46 0.00	22.89 0.61 0.00	23.42 0.61 0.00	23.86 0.63 0.00	23.51 0.64 0.00	23.42 0.60 0.00	22.06 0.55 0.00	25.85 0.68 0.00	29.44 0.77 0.00	29.70 0.72 0.00	32.46 0.80 0.00	26.47 0.62 0.00	28.35 0.60 0.00	22.51 0.41 0.00	21.63 0.32 0.00
ATHENS_STG_2 23670	16.65 0.44 0.00	15.30 0.40 0.00	10.58 0.28 0.00	11.88 0.30 0.00	12.22 0.30 0.00	13.37 0.32 0.00	17.85 0.40 0.00	18.60 0.47 0.00	16.50 0.44 0.00	17.99 0.46 0.00	22.89 0.61 0.00	23.42 0.61 0.00	23.86 0.63 0.00	23.51 0.64 0.00	23.42 0.60 0.00	22.06 0.55 0.00	25.85 0.68 0.00	29.44 0.77 0.00	29.70 0.72 0.00	32.46 0.80 0.00	26.47 0.62 0.00	28.35 0.60 0.00	22.51 0.41 0.00	21.63 0.32 0.00
ATHENS_STG_3 23677	16.65 0.44 0.00	15.30 0.40 0.00	10.58 0.28 0.00	11.88 0.30 0.00	12.22 0.30 0.00	13.37 0.32 0.00	17.85 0.40 0.00	18.60 0.47 0.00	16.50 0.44 0.00	17.99 0.46 0.00	22.89 0.61 0.00	23.42 0.61 0.00	23.86 0.63 0.00	23.51 0.64 0.00	23.42 0.60 0.00	22.06 0.55 0.00	25.85 0.68 0.00	29.44 0.77 0.00	29.70 0.72 0.00	32.46 0.80 0.00	26.47 0.62 0.00	28.35 0.60 0.00	22.51 0.41 0.00	21.63 0.32 0.00
AUBURN___LFGE 323710	15.96 -0.25 0.00	14.64 -0.26 0.00	10.12 -0.17 0.00	11.39 -0.19 0.00	11.74 -0.18 0.00	12.89 -0.16 0.00	17.32 -0.13 0.00	17.95 -0.17 0.00	15.88 -0.18 0.00	17.34 -0.19 0.00	22.02 -0.25 0.00	22.59 -0.22 0.00	22.98 -0.25 0.00	22.60 -0.27 0.00	22.56 -0.27 0.00	21.26 -0.25 0.00	24.87 -0.30 0.00	28.31 -0.36 0.00	28.65 -0.33 0.00	31.22 -0.44 0.00	25.47 -0.39 0.00	27.36 -0.39 0.00	21.84 -0.27 0.00	21.10 -0.21 0.00
BABYLON_RES_REC 323704	17.44 1.18 -0.06	16.94 1.03 -1.01	11.24 0.73 -0.22	12.58 0.80 -0.21	12.70 0.78 0.00	13.90 0.85 0.00	18.60 1.15 0.00	19.35 1.23 0.00	28.94 1.16 -11.72	21.50 1.28 -2.70	26.02 1.73 -2.02	34.06 1.80 -9.44	25.05 1.82 0.00	24.70 1.83 0.00	24.47 1.64 0.00	22.90 1.39 0.00	26.93 1.76 0.00	30.76 2.09 0.00	30.92 1.94 0.00	33.79 2.13 0.00	27.51 1.66 0.00	29.44 1.69 0.00	23.34 1.25 0.00	22.36 1.06 0.00
BABYLON__69_KV_BK2 356345	17.65 1.38 -0.06	17.12 1.21 -1.01	11.36 0.85 -0.22	12.72 0.93 -0.21	12.84 0.92 0.00	14.06 1.01 0.00	18.83 1.38 0.00	19.58 1.46 0.00	29.15 1.37 -11.73	21.74 1.50 -2.71	26.30 2.00 -2.02	34.35 2.10 -9.44	25.34 2.11 0.00	24.99 2.12 0.00	24.74 1.91 0.00	23.14 1.63 0.00	27.22 2.05 0.00	31.11 2.45 0.00	31.28 2.30 0.00	34.18 2.51 0.00	27.82 1.96 0.00	29.78 2.03 0.00	23.60 1.50 0.00	22.60 1.29 0.00
BALL_HILL_WT_PWR 323825	14.88 -1.33 0.00	13.63 -1.27 0.00	9.46 -0.84 0.00	10.66 -0.92 0.00	11.01 -0.91 0.00	12.24 -0.81 0.00	16.64 -0.80 0.00	17.05 -1.08 0.00	14.97 -1.09 0.00	16.37 -1.15 0.00	20.76 -1.52 0.00	21.36 -1.45 0.00	21.70 -1.52 0.00	21.30 -1.57 0.00	21.34 -1.49 0.00	20.00 -1.51 0.00	23.41 -1.76 0.00	26.67 -2.00 0.00	27.14 -1.84 0.00	29.54 -2.12 0.00	24.06 -1.79 0.00	25.74 -2.01 0.00	20.73 -1.37 0.00	20.22 -1.09 0.00
BARON_WINDS___WT_PWR 323822	14.98 -1.23 0.00	13.75 -1.15 0.00	9.55 -0.75 0.00	10.73 -0.85 0.00	11.08 -0.84 0.00	12.25 -0.80 0.00	16.61 -0.84 0.00	17.16 -0.96 0.00	15.10 -0.96 0.00	16.51 -1.01 0.00	21.02 -1.26 0.00	21.65 -1.16 0.00	22.00 -1.22 0.00	21.55 -1.31 0.00	21.54 -1.29 0.00	20.21 -1.30 0.00	23.59 -1.58 0.00	26.94 -1.73 0.00	27.35 -1.63 0.00	29.78 -1.88 0.00	24.23 -1.62 0.00	26.05 -1.70 0.00	20.94 -1.16 0.00	20.35 -0.96 0.00
BARRETT_IC_1 23704	17.16 0.89 -0.05	16.70 0.78 -1.01	11.09 0.58 -0.22	12.40 0.61 -0.21	12.50 0.58 0.00	13.69 0.64 0.00	18.30 0.86 0.00	19.03 0.91 0.00	28.65 0.86 -11.72	21.22 0.99 -2.70	25.68 1.39 -2.02	33.68 1.42 -9.44	24.65 1.43 0.00	24.31 1.44 0.00	24.08 1.25 0.00	22.57 1.06 0.00	26.50 1.33 0.00	30.23 1.56 0.00	30.44 1.47 0.00	33.25 1.59 0.00	27.10 1.25 0.00	29.01 1.25 0.00	23.00 0.90 0.00	22.04 0.73 0.00
BARRETT_IC_10 23701	17.16 0.89 -0.05	16.70 0.78 -1.01	11.09 0.58 -0.22	12.40 0.61 -0.21	12.50 0.58 0.00	13.69 0.64 0.00	18.30 0.86 0.00	19.03 0.91 0.00	28.65 0.86 -11.72	21.22 0.99 -2.70	25.68 1.39 -2.02	33.68 1.42 -9.44	24.65 1.43 0.00	24.31 1.44 0.00	24.08 1.25 0.00	22.57 1.06 0.00	26.50 1.33 0.00	30.23 1.56 0.00	30.44 1.47 0.00	33.25 1.59 0.00	27.10 1.25 0.00	29.01 1.25 0.00	23.00 0.90 0.00	22.04 0.73 0.00
BARRETT_IC_11 23702	17.16 0.89 -0.05	16.70 0.78 -1.01	11.09 0.58 -0.22	12.40 0.61 -0.21	12.50 0.58 0.00	13.69 0.64 0.00	18.30 0.86 0.00	19.03 0.91 0.00	28.65 0.86 -11.72	21.22 0.99 -2.70	25.68 1.39 -2.02	33.68 1.42 -9.44	24.65 1.43 0.00	24.31 1.44 0.00	24.08 1.25 0.00	22.57 1.06 0.00	26.50 1.33 0.00	30.23 1.56 0.00	30.44 1.47 0.00	33.25 1.59 0.00	27.10 1.25 0.00	29.01 1.25 0.00	23.00 0.90 0.00	22.04 0.73 0.00
BARRETT_IC_12 23703	17.16 0.89 -0.05	16.70 0.78 -1.01	11.09 0.58 -0.22	12.40 0.61 -0.21	12.50 0.58 0.00	13.69 0.64 0.00	18.30 0.86 0.00	19.03 0.91 0.00	28.65 0.86 -11.72	21.22 0.99 -2.70	25.68 1.39 -2.02	33.68 1.42 -9.44	24.65 1.43 0.00	24.31 1.44 0.00	24.08 1.25 0.00	22.57 1.06 0.00	26.50 1.33 0.00	30.23 1.56 0.00	30.44 1.47 0.00	33.25 1.59 0.00	27.10 1.25 0.00	29.01 1.25 0.00	23.00 0.90 0.00	22.04 0.73 0.00
BARRETT_IC_2 23705	17.16 0.89 -0.05	16.70 0.78 -1.01	11.09 0.58 -0.22	12.40 0.61 -0.21	12.50 0.58 0.00	13.69 0.64 0.00	18.30 0.86 0.00	19.03 0.91 0.00	28.65 0.86 -11.72	21.22 0.99 -2.70	25.68 1.39 -2.02	33.68 1.42 -9.44	24.65 1.43 0.00	24.31 1.44 0.00	24.08 1.25 0.00	22.57 1.06 0.00	26.50 1.33 0.00	30.23 1.56 0.00	30.44 1.47 0.00	33.25 1.59 0.00	27.10 1.25 0.00	29.01 1.25 0.00	23.00 0.90 0.00	22.04 0.73 0.00
BARRETT_IC_3 23706	17.16 0.89 -0.05	16.70 0.78 -1.01	11.09 0.58 -0.22	12.40 0.61 -0.21	12.50 0.58 0.00	13.69 0.64 0.00	18.30 0.86 0.00	19.03 0.91 0.00	28.65 0.86 -11.72	21.22 0.99 -2.70	25.68 1.39 -2.02	33.68 1.42 -9.44	24.65 1.43 0.00	24.31 1.44 0.00	24.08 1.25 0.00	22.57 1.06 0.00	26.50 1.33 0.00	30.23 1.56 0.00	30.44 1.47 0.00	33.25 1.59 0.00	27.10 1.25 0.00	29.01 1.25 0.00	23.00 0.90 0.00	22.04 0.73 0.00
BARRETT_IC_4 23707	17.16 0.89 -0.05	16.70 0.78 -1.01	11.09 0.58 -0.22	12.40 0.61 -0.21	12.50 0.58 0.00	13.69 0.64 0.00	18.30 0.86 0.00	19.03 0.91 0.00	28.65 0.86 -11.72	21.22 0.99 -2.70	25.68 1.39 -2.02	33.68 1.42 -9.44	24.65 1.43 0.00	24.31 1.44 0.00	24.08 1.25 0.00	22.57 1.06 0.00	26.50 1.33 0.00	30.23 1.56 0.00	30.44 1.47 0.00	33.25 1.59 0.00	27.10 1.25 0.00	29.01 1.25 0.00	23.00 0.90 0.00	22.04 0.73 0.00

BARRETT_IC_5 23708	17.16 0.89 -0.05	16.70 0.78 -1.01	11.09 0.58 -0.22	12.40 0.61 -0.21	12.50 0.58 0.00	13.69 0.64 0.00	18.30 0.86 0.00	19.03 0.91 0.00	28.65 0.86 -11.72	21.22 0.99 -2.70	25.68 1.39 -2.02	33.68 1.42 -9.44	24.65 1.43 0.00	24.31 1.44 0.00	24.08 1.25 0.00	22.57 1.06 0.00	26.50 1.33 0.00	30.23 1.56 0.00	30.44 1.47 0.00	33.25 1.59 0.00	27.10 1.25 0.00	29.01 1.25 0.00	23.00 0.90 0.00	22.04 0.73 0.00
BARRETT_IC_6 23709	17.16 0.89 -0.05	16.70 0.78 -1.01	11.09 0.58 -0.22	12.40 0.61 -0.21	12.50 0.58 0.00	13.69 0.64 0.00	18.30 0.86 0.00	19.03 0.91 0.00	28.65 0.86 -11.72	21.22 0.99 -2.70	25.68 1.39 -2.02	33.68 1.42 -9.44	24.65 1.43 0.00	24.31 1.44 0.00	24.08 1.25 0.00	22.57 1.06 0.00	26.50 1.33 0.00	30.23 1.56 0.00	30.44 1.47 0.00	33.25 1.59 0.00	27.10 1.25 0.00	29.01 1.25 0.00	23.00 0.90 0.00	22.04 0.73 0.00
BARRETT_IC_7 23710	17.16 0.89 -0.05	16.70 0.78 -1.01	11.09 0.58 -0.22	12.40 0.61 -0.21	12.50 0.58 0.00	13.69 0.64 0.00	18.30 0.86 0.00	19.04 0.91 0.00	28.65 0.87 -11.72	21.22 1.00 -2.70	25.69 1.39 -2.02	33.68 1.43 -9.44	24.66 1.43 0.00	24.30 1.43 0.00	24.08 1.25 0.00	22.57 1.06 0.00	26.50 1.33 0.00	30.23 1.57 0.00	30.45 1.47 0.00	33.25 1.59 0.00	27.10 1.25 0.00	29.01 1.25 0.00	22.99 0.89 0.00	22.04 0.73 0.00
BARRETT_IC_8 23711	17.16 0.89 -0.05	16.70 0.78 -1.01	11.09 0.58 -0.22	12.40 0.61 -0.21	12.50 0.58 0.00	13.69 0.64 0.00	18.30 0.86 0.00	19.03 0.91 0.00	28.65 0.86 -11.72	21.22 0.99 -2.70	25.68 1.39 -2.02	33.68 1.42 -9.44	24.65 1.43 0.00	24.31 1.44 0.00	24.08 1.25 0.00	22.57 1.06 0.00	26.50 1.33 0.00	30.23 1.56 0.00	30.44 1.47 0.00	33.25 1.59 0.00	27.10 1.25 0.00	29.01 1.25 0.00	23.00 0.90 0.00	22.04 0.73 0.00
BARRETT_IC_9 23700	17.16 0.89 -0.05	16.70 0.78 -1.01	11.09 0.58 -0.22	12.40 0.61 -0.21	12.50 0.58 0.00	13.69 0.64 0.00	18.30 0.86 0.00	19.03 0.91 0.00	28.65 0.86 -11.72	21.22 0.99 -2.70	25.68 1.39 -2.02	33.68 1.42 -9.44	24.65 1.43 0.00	24.31 1.44 0.00	24.08 1.25 0.00	22.57 1.06 0.00	26.50 1.33 0.00	30.23 1.56 0.00	30.44 1.47 0.00	33.25 1.59 0.00	27.10 1.25 0.00	29.01 1.25 0.00	23.00 0.90 0.00	22.04 0.73 0.00
BARRETT___1 23545	17.16 0.89 -0.05	16.70 0.78 -1.01	11.09 0.58 -0.22	12.40 0.61 -0.21	12.50 0.58 0.00	13.69 0.64 0.00	18.30 0.86 0.00	19.03 0.91 0.00	28.65 0.86 -11.72	21.22 0.99 -2.70	25.68 1.39 -2.02	33.68 1.42 -9.44	24.65 1.43 0.00	24.31 1.44 0.00	24.08 1.25 0.00	22.57 1.06 0.00	26.50 1.33 0.00	30.23 1.56 0.00	30.44 1.47 0.00	33.25 1.59 0.00	27.10 1.25 0.00	29.01 1.25 0.00	23.00 0.90 0.00	22.04 0.73 0.00
BARRETT___2 23546	17.16 0.89 -0.05	16.70 0.78 -1.01	11.09 0.58 -0.22	12.40 0.61 -0.21	12.50 0.58 0.00	13.69 0.64 0.00	18.30 0.86 0.00	19.03 0.91 0.00	28.65 0.86 -11.72	21.22 0.99 -2.70	25.68 1.39 -2.02	33.68 1.42 -9.44	24.65 1.43 0.00	24.31 1.44 0.00	24.08 1.25 0.00	22.57 1.06 0.00	26.50 1.33 0.00	30.23 1.56 0.00	30.44 1.47 0.00	33.25 1.59 0.00	27.10 1.25 0.00	29.01 1.25 0.00	23.00 0.90 0.00	22.04 0.73 0.00
BATAVIA__115KV_TB1 55881	15.19 -1.02 0.00	13.93 -0.97 0.00	9.64 -0.66 0.00	10.90 -0.68 0.00	11.25 -0.67 0.00	12.48 -0.57 0.00	16.89 -0.55 0.00	17.29 -0.83 0.00	15.23 -0.83 0.00	16.69 -0.83 0.00	21.18 -1.10 0.00	21.77 -1.03 0.00	22.13 -1.10 0.00	21.69 -1.18 0.00	21.72 -1.11 0.00	20.38 -1.13 0.00	23.84 -1.33 0.00	27.12 -1.55 0.00	27.52 -1.45 0.00	29.96 -1.70 0.00	24.40 -1.45 0.00	26.07 -1.69 0.00	21.02 -1.09 0.00	20.54 -0.76 0.00
BAYONEEC___CTG1 323682	16.96 0.75 0.00	15.56 0.66 0.00	10.77 0.47 0.00	12.08 0.50 0.00	12.42 0.50 0.00	13.59 0.54 0.00	18.16 0.71 0.00	18.96 0.83 0.00	16.83 0.77 0.00	18.35 0.83 0.00	23.45 1.17 0.00	23.98 1.17 0.00	24.43 1.21 0.00	24.09 1.22 0.00	23.93 1.10 0.00	22.50 0.98 0.00	26.37 1.20 0.00	30.02 1.35 0.00	30.32 1.34 0.00	33.12 1.45 0.00	27.01 1.15 0.00	28.86 1.11 0.00	22.87 0.77 0.00	21.95 0.64 0.00
BAYONEEC___CTG10 323750	16.96 0.75 0.00	15.56 0.66 0.00	10.77 0.47 0.00	12.08 0.50 0.00	12.42 0.50 0.00	13.59 0.54 0.00	18.16 0.71 0.00	18.96 0.83 0.00	16.83 0.77 0.00	18.35 0.83 0.00	23.45 1.17 0.00	23.98 1.17 0.00	24.43 1.21 0.00	24.09 1.22 0.00	23.93 1.10 0.00	22.50 0.98 0.00	26.37 1.20 0.00	30.02 1.35 0.00	30.32 1.34 0.00	33.12 1.45 0.00	27.01 1.15 0.00	28.86 1.11 0.00	22.87 0.77 0.00	21.95 0.64 0.00
BAYONEEC___CTG2 323683	16.96 0.75 0.00	15.56 0.66 0.00	10.77 0.47 0.00	12.08 0.50 0.00	12.42 0.50 0.00	13.59 0.54 0.00	18.16 0.71 0.00	18.96 0.83 0.00	16.83 0.77 0.00	18.35 0.83 0.00	23.45 1.17 0.00	23.98 1.17 0.00	24.43 1.21 0.00	24.09 1.22 0.00	23.93 1.10 0.00	22.50 0.98 0.00	26.37 1.20 0.00	30.02 1.35 0.00	30.32 1.34 0.00	33.12 1.45 0.00	27.01 1.15 0.00	28.86 1.11 0.00	22.87 0.77 0.00	21.95 0.64 0.00
BAYONEEC___CTG3 323684	16.96 0.75 0.00	15.56 0.66 0.00	10.77 0.47 0.00	12.08 0.50 0.00	12.42 0.50 0.00	13.59 0.54 0.00	18.16 0.71 0.00	18.96 0.83 0.00	16.83 0.77 0.00	18.35 0.83 0.00	23.45 1.17 0.00	23.98 1.17 0.00	24.43 1.21 0.00	24.09 1.22 0.00	23.93 1.10 0.00	22.50 0.98 0.00	26.37 1.20 0.00	30.02 1.35 0.00	30.32 1.34 0.00	33.12 1.45 0.00	27.01 1.15 0.00	28.86 1.11 0.00	22.87 0.77 0.00	21.95 0.64 0.00
BAYONEEC___CTG4 323685	16.96 0.75 0.00	15.56 0.66 0.00	10.77 0.47 0.00	12.08 0.50 0.00	12.42 0.50 0.00	13.59 0.54 0.00	18.16 0.71 0.00	18.96 0.83 0.00	16.83 0.77 0.00	18.35 0.83 0.00	23.45 1.17 0.00	23.98 1.17 0.00	24.43 1.21 0.00	24.09 1.22 0.00	23.93 1.10 0.00	22.50 0.98 0.00	26.37 1.20 0.00	30.02 1.35 0.00	30.32 1.34 0.00	33.12 1.45 0.00	27.01 1.15 0.00	28.86 1.11 0.00	22.87 0.77 0.00	21.95 0.64 0.00
BAYONEEC___CTG5 323686	16.96 0.75 0.00	15.56 0.66 0.00	10.77 0.47 0.00	12.08 0.50 0.00	12.42 0.50 0.00	13.59 0.54 0.00	18.16 0.71 0.00	18.96 0.83 0.00	16.83 0.77 0.00	18.35 0.83 0.00	23.45 1.17 0.00	23.98 1.17 0.00	24.43 1.21 0.00	24.09 1.22 0.00	23.93 1.10 0.00	22.50 0.98 0.00	26.37 1.20 0.00	30.02 1.35 0.00	30.32 1.34 0.00	33.12 1.45 0.00	27.01 1.15 0.00	28.86 1.11 0.00	22.87 0.77 0.00	21.95 0.64 0.00
BAYONEEC___CTG6 323687	16.96 0.75 0.00	15.56 0.66 0.00	10.77 0.47 0.00	12.08 0.50 0.00	12.42 0.50 0.00	13.59 0.54 0.00	18.16 0.71 0.00	18.96 0.83 0.00	16.83 0.77 0.00	18.35 0.83 0.00	23.45 1.17 0.00	23.98 1.17 0.00	24.43 1.21 0.00	24.09 1.22 0.00	23.93 1.10 0.00	22.50 0.98 0.00	26.37 1.20 0.00	30.02 1.35 0.00	30.32 1.34 0.00	33.12 1.45 0.00	27.01 1.15 0.00	28.86 1.11 0.00	22.87 0.77 0.00	21.95 0.64 0.00

BAYONEEC___CTG7 323688	16.96 0.75 0.00	15.56 0.66 0.00	10.77 0.47 0.00	12.08 0.50 0.00	12.42 0.50 0.00	13.59 0.54 0.00	18.16 0.71 0.00	18.96 0.83 0.00	16.83 0.77 0.00	18.35 0.83 0.00	23.45 1.17 0.00	23.98 1.17 0.00	24.43 1.21 0.00	24.09 1.22 0.00	23.93 1.10 0.00	22.50 0.98 0.00	26.37 1.20 0.00	30.02 1.35 0.00	30.32 1.34 0.00	33.12 1.45 0.00	27.01 1.15 0.00	28.86 1.11 0.00	22.87 0.77 0.00	21.95 0.64 0.00
BAYONEEC___CTG8 323689	16.96 0.75 0.00	15.56 0.66 0.00	10.77 0.47 0.00	12.08 0.50 0.00	12.42 0.50 0.00	13.59 0.54 0.00	18.16 0.71 0.00	18.96 0.83 0.00	16.83 0.77 0.00	18.35 0.83 0.00	23.45 1.17 0.00	23.98 1.17 0.00	24.43 1.21 0.00	24.09 1.22 0.00	23.93 1.10 0.00	22.50 0.98 0.00	26.37 1.20 0.00	30.02 1.35 0.00	30.32 1.34 0.00	33.12 1.45 0.00	27.01 1.15 0.00	28.86 1.11 0.00	22.87 0.77 0.00	21.95 0.64 0.00
BAYONEEC___CTG9 323749	16.96 0.75 0.00	15.56 0.66 0.00	10.77 0.47 0.00	12.08 0.50 0.00	12.42 0.50 0.00	13.59 0.54 0.00	18.16 0.71 0.00	18.96 0.83 0.00	16.83 0.77 0.00	18.35 0.83 0.00	23.45 1.17 0.00	23.98 1.17 0.00	24.43 1.21 0.00	24.09 1.22 0.00	23.93 1.10 0.00	22.50 0.98 0.00	26.37 1.20 0.00	30.02 1.35 0.00	30.32 1.34 0.00	33.12 1.45 0.00	27.01 1.15 0.00	28.86 1.11 0.00	22.87 0.77 0.00	21.95 0.64 0.00
BEACON___LESR 323632	16.65 0.44 0.00	15.31 0.41 0.00	10.57 0.28 0.00	11.88 0.30 0.00	12.23 0.31 0.00	13.40 0.35 0.00	17.86 0.41 0.00	18.61 0.49 0.00	16.52 0.46 0.00	18.01 0.49 0.00	22.80 0.53 0.00	23.32 0.51 0.00	23.74 0.51 0.00	23.39 0.52 0.00	23.35 0.52 0.00	22.02 0.51 0.00	25.85 0.68 0.00	29.46 0.79 0.00	29.67 0.69 0.00	32.44 0.78 0.00	26.42 0.57 0.00	28.31 0.56 0.00	22.42 0.31 0.00	21.53 0.22 0.00
BEAVER RIVER___HYD 24048	15.92 -0.29 0.00	14.67 -0.23 0.00	10.10 -0.19 0.00	11.40 -0.18 0.00	11.81 -0.11 0.00	12.93 -0.13 0.00	17.38 -0.07 0.00	17.94 -0.18 0.00	15.70 -0.36 0.00	17.09 -0.44 0.00	21.63 -0.65 0.00	22.27 -0.53 0.00	23.03 -0.20 0.00	22.67 -0.20 0.00	22.77 -0.06 0.00	21.53 0.01 0.00	25.17 -0.01 0.00	28.69 0.02 0.00	29.06 0.08 0.00	31.66 0.00 0.00	25.81 -0.05 0.00	27.71 -0.05 0.00	21.98 -0.12 0.00	21.20 -0.11 0.00
BEEBEE_GT_13 23619	15.32 -0.89 0.00	14.05 -0.84 0.00	9.72 -0.57 0.00	10.97 -0.61 0.00	11.33 -0.59 0.00	12.50 -0.55 0.00	16.84 -0.60 0.00	17.36 -0.76 0.00	15.34 -0.72 0.00	16.77 -0.75 0.00	21.29 -0.99 0.00	21.84 -0.96 0.00	22.21 -1.02 0.00	21.81 -1.06 0.00	21.82 -1.01 0.00	20.50 -1.02 0.00	23.97 -1.21 0.00	27.27 -1.40 0.00	27.63 -1.34 0.00	30.11 -1.55 0.00	24.54 -1.31 0.00	26.28 -1.47 0.00	21.09 -1.01 0.00	20.50 -0.80 0.00
BENSHRST_27_KV_BENSHRST_1 355998	17.18 0.97 0.00	15.74 0.84 0.00	10.89 0.59 0.00	12.21 0.63 0.00	12.56 0.64 0.00	13.75 0.70 0.00	18.39 0.94 0.00	19.19 1.07 0.00	17.03 0.97 0.00	18.56 1.04 0.00	23.72 1.44 0.00	24.27 1.46 0.00	72.68 1.54 -47.91	46.60 1.54 -22.19	54.76 1.42 -30.51	97.25 1.29 -74.45	34.80 1.56 -8.07	159.17 1.76 -128.74	39.10 1.77 -8.36	89.35 1.92 -55.77	60.78 1.52 -33.40	118.99 1.51 -89.73	23.20 1.07 -0.02	22.27 0.96 0.00
BETHLEHEM___GRP 23843	16.41 0.20 0.00	15.12 0.22 0.00	10.44 0.15 0.00	11.74 0.16 0.00	12.07 0.15 0.00	13.20 0.15 0.00	17.55 0.10 0.00	18.28 0.15 0.00	16.21 0.15 0.00	17.66 0.13 0.00	22.38 0.10 0.00	22.89 0.08 0.00	23.32 0.09 0.00	22.98 0.11 0.00	22.94 0.11 0.00	21.64 0.13 0.00	25.33 0.16 0.00	28.85 0.18 0.00	29.07 0.10 0.00	31.76 0.10 0.00	25.92 0.07 0.00	27.79 0.04 0.00	22.04 -0.06 0.00	21.19 -0.12 0.00
BETHLEHEM___GS1 323560	16.41 0.20 0.00	15.12 0.22 0.00	10.44 0.15 0.00	11.74 0.16 0.00	12.07 0.15 0.00	13.20 0.14 0.00	17.56 0.11 0.00	18.28 0.15 0.00	16.21 0.15 0.00	17.66 0.13 0.00	22.38 0.10 0.00	22.89 0.08 0.00	23.32 0.09 0.00	22.98 0.11 0.00	22.94 0.11 0.00	21.64 0.13 0.00	25.33 0.16 0.00	28.85 0.18 0.00	29.07 0.09 0.00	31.76 0.10 0.00	25.92 0.07 0.00	27.79 0.04 0.00	22.04 -0.06 0.00	21.19 -0.12 0.00
BETHLEHEM___GS2 323561	16.41 0.20 0.00	15.12 0.22 0.00	10.44 0.15 0.00	11.74 0.16 0.00	12.07 0.15 0.00	13.20 0.14 0.00	17.56 0.11 0.00	18.28 0.15 0.00	16.21 0.15 0.00	17.66 0.13 0.00	22.38 0.10 0.00	22.89 0.08 0.00	23.32 0.09 0.00	22.98 0.11 0.00	22.94 0.11 0.00	21.64 0.13 0.00	25.33 0.16 0.00	28.85 0.18 0.00	29.07 0.09 0.00	31.76 0.10 0.00	25.92 0.07 0.00	27.79 0.04 0.00	22.04 -0.06 0.00	21.19 -0.12 0.00
BETHLEHEM___GS3 323562	16.41 0.20 0.00	15.12 0.22 0.00	10.44 0.15 0.00	11.74 0.16 0.00	12.07 0.15 0.00	13.20 0.14 0.00	17.56 0.11 0.00	18.28 0.15 0.00	16.21 0.15 0.00	17.66 0.13 0.00	22.38 0.10 0.00	22.89 0.08 0.00	23.32 0.09 0.00	22.98 0.11 0.00	22.94 0.11 0.00	21.64 0.13 0.00	25.33 0.16 0.00	28.85 0.18 0.00	29.07 0.09 0.00	31.76 0.10 0.00	25.92 0.07 0.00	27.79 0.04 0.00	22.04 -0.06 0.00	21.19 -0.12 0.00
BETHLEHEM___STEEL 23779	14.98 -1.23 0.00	13.73 -1.16 0.00	9.52 -0.78 0.00	10.75 -0.83 0.00	11.10 -0.82 0.00	12.31 -0.74 0.00	16.67 -0.77 0.00	17.08 -1.05 0.00	15.02 -1.04 0.00	16.47 -1.06 0.00	20.91 -1.37 0.00	21.50 -1.31 0.00	21.80 -1.43 0.00	21.34 -1.53 0.00	21.40 -1.43 0.00	20.03 -1.48 0.00	23.42 -1.75 0.00	26.64 -2.02 0.00	27.08 -1.90 0.00	29.50 -2.16 0.00	24.04 -1.81 0.00	25.71 -2.04 0.00	20.75 -1.35 0.00	20.29 -1.01 0.00
BETHLHEM_115KV_TB1 79974	16.44 0.22 0.00	15.14 0.24 0.00	10.46 0.16 0.00	11.76 0.18 0.00	12.09 0.18 0.00	13.22 0.17 0.00	17.59 0.14 0.00	18.32 0.20 0.00	16.25 0.19 0.00	17.70 0.18 0.00	22.45 0.17 0.00	22.96 0.15 0.00	23.39 0.16 0.00	23.05 0.17 0.00	23.01 0.17 0.00	21.70 0.19 0.00	25.41 0.23 0.00	28.94 0.27 0.00	29.16 0.18 0.00	31.86 0.20 0.00	25.99 0.14 0.00	27.86 0.11 0.00	22.11 0.00 0.00	21.26 -0.05 0.00
BETHPAGE_CC_5 323564	17.36 1.10 -0.05	16.88 0.96 -1.01	11.19 0.68 -0.22	12.53 0.74 -0.21	12.65 0.73 0.00	13.84 0.79 0.00	18.52 1.08 0.00	19.27 1.14 0.00	28.86 1.08 -11.72	21.43 1.21 -2.70	25.92 1.63 -2.02	33.95 1.70 -9.44	24.94 1.72 0.00	24.60 1.73 0.00	24.36 1.53 0.00	22.83 1.32 0.00	26.84 1.67 0.00	30.64 1.97 0.00	30.82 1.85 0.00	33.69 2.02 0.00	27.43 1.58 0.00	29.35 1.59 0.00	23.27 1.17 0.00	22.29 0.98 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	15.06 -1.15 0.00	13.81 -1.09 0.00	9.57 -0.72 0.00	10.81 -0.77 0.00	11.16 -0.76 0.00	12.38 -0.67 0.00	16.78 -0.67 0.00	17.19 -0.93 0.00	15.12 -0.93 0.00	16.58 -0.94 0.00	21.04 -1.24 0.00	21.63 -1.18 0.00	21.94 -1.29 0.00	21.47 -1.39 0.00	21.53 -1.30 0.00	20.16 -1.35 0.00	23.58 -1.59 0.00	26.83 -1.84 0.00	27.27 -1.71 0.00	29.70 -1.97 0.00	24.20 -1.66 0.00	25.88 -1.87 0.00	20.89 -1.22 0.00	20.41 -0.89 0.00

BINGHAMTON___COGEN 23790	15.98 -0.23 0.00	14.68 -0.22 0.00	10.16 -0.14 0.00	11.42 -0.16 0.00	11.77 -0.15 0.00	12.92 -0.13 0.00	17.38 -0.07 0.00	18.04 -0.09 0.00	15.93 -0.13 0.00	17.38 -0.14 0.00	22.08 -0.20 0.00	22.64 -0.17 0.00	23.02 -0.20 0.00	22.66 -0.22 0.00	22.61 -0.22 0.00	21.30 -0.21 0.00	24.92 -0.25 0.00	28.40 -0.27 0.00	28.75 -0.23 0.00	31.35 -0.31 0.00	25.56 -0.30 0.00	27.41 -0.34 0.00	21.86 -0.24 0.00	21.07 -0.23 0.00
BIXINCNT_115KV_LOAD 355685	15.01 -1.20 0.00	13.81 -1.09 0.00	9.63 -0.67 0.00	10.79 -0.79 0.00	11.19 -0.73 0.00	12.52 -0.53 0.00	17.01 -0.43 0.00	17.56 -0.57 0.00	15.45 -0.60 0.00	16.94 -0.58 0.00	21.26 -1.02 0.00	21.80 -1.00 0.00	22.16 -1.07 0.00	21.55 -1.32 0.00	21.63 -1.19 0.00	20.26 -1.25 0.00	23.88 -1.29 0.00	27.23 -1.44 0.00	27.59 -1.39 0.00	30.04 -1.62 0.00	24.44 -1.41 0.00	26.19 -1.56 0.00	21.15 -0.95 0.00	20.67 -0.64 0.00
BLACK RIVER___HYD 24047	15.78 -0.43 0.00	14.53 -0.37 0.00	10.01 -0.28 0.00	11.31 -0.27 0.00	11.71 -0.21 0.00	12.82 -0.24 0.00	17.26 -0.19 0.00	17.88 -0.24 0.00	15.66 -0.40 0.00	17.03 -0.49 0.00	21.47 -0.81 0.00	22.03 -0.79 0.00	22.88 -0.35 0.00	22.56 -0.31 0.00	22.62 -0.21 0.00	21.45 -0.06 0.00	25.10 -0.07 0.00	28.62 -0.05 0.00	28.94 -0.03 0.00	31.53 -0.12 0.00	25.68 -0.17 0.00	27.55 -0.20 0.00	21.85 -0.25 0.00	21.09 -0.22 0.00
BLACKRVR_115KV_TB2 79977	15.78 -0.43 0.00	14.53 -0.37 0.00	10.01 -0.28 0.00	11.31 -0.27 0.00	11.71 -0.21 0.00	12.82 -0.24 0.00	17.26 -0.19 0.00	17.88 -0.24 0.00	15.66 -0.40 0.00	17.03 -0.49 0.00	21.48 -0.80 0.00	22.03 -0.78 0.00	22.88 -0.35 0.00	22.56 -0.30 0.00	22.62 -0.21 0.00	21.45 -0.06 0.00	25.10 -0.07 0.00	28.62 -0.05 0.00	28.94 -0.03 0.00	31.53 -0.13 0.00	25.68 -0.17 0.00	27.55 -0.20 0.00	21.85 -0.25 0.00	21.09 -0.22 0.00
BLISS_WT_PWR 323608	14.91 -1.30 0.00	13.72 -1.18 0.00	9.58 -0.72 0.00	10.72 -0.86 0.00	11.13 -0.79 0.00	12.48 -0.57 0.00	16.97 -0.47 0.00	17.54 -0.58 0.00	15.43 -0.62 0.00	16.93 -0.59 0.00	21.18 -1.10 0.00	21.72 -1.09 0.00	22.09 -1.14 0.00	21.43 -1.44 0.00	21.54 -1.29 0.00	20.17 -1.34 0.00	23.82 -1.35 0.00	27.16 -1.51 0.00	27.51 -1.47 0.00	29.93 -1.73 0.00	24.36 -1.49 0.00	26.10 -1.65 0.00	21.09 -1.02 0.00	20.62 -0.69 0.00
BLUESTONE___WT_PWR 323821	16.05 -0.16 0.00	14.81 -0.09 0.00	10.32 0.03 0.00	11.67 0.09 0.00	12.07 0.15 0.00	13.27 0.21 0.00	17.95 0.50 0.00	18.61 0.49 0.00	16.39 0.33 0.00	17.81 0.29 0.00	22.66 0.38 0.00	23.21 0.41 0.00	23.55 0.32 0.00	23.34 0.47 0.00	23.39 0.55 0.00	22.06 0.55 0.00	25.67 0.50 0.00	29.26 0.59 0.00	29.41 0.43 0.00	32.01 0.35 0.00	26.31 0.46 0.00	27.99 0.24 0.00	22.21 0.11 0.00	21.28 -0.03 0.00
BLUE_CIRC_CHEM_DRP 24182	16.59 0.38 0.00	15.28 0.38 0.00	10.56 0.26 0.00	11.87 0.29 0.00	12.21 0.29 0.00	13.35 0.30 0.00	17.80 0.35 0.00	18.53 0.41 0.00	16.43 0.37 0.00	17.89 0.37 0.00	22.70 0.42 0.00	23.22 0.41 0.00	23.65 0.42 0.00	23.29 0.41 0.00	23.26 0.44 0.00	21.93 0.42 0.00	25.70 0.52 0.00	29.28 0.61 0.00	29.52 0.54 0.00	32.25 0.58 0.00	26.33 0.48 0.00	28.22 0.47 0.00	22.40 0.30 0.00	21.56 0.25 0.00
BOC_GAS_DRP 24189	16.50 0.29 0.00	15.18 0.28 0.00	10.49 0.19 0.00	11.78 0.20 0.00	12.13 0.21 0.00	13.26 0.20 0.00	17.68 0.23 0.00	18.41 0.28 0.00	16.33 0.27 0.00	17.79 0.27 0.00	22.61 0.33 0.00	23.12 0.31 0.00	23.55 0.32 0.00	23.21 0.34 0.00	23.15 0.32 0.00	21.82 0.31 0.00	25.55 0.38 0.00	29.11 0.44 0.00	29.34 0.37 0.00	32.06 0.40 0.00	26.17 0.32 0.00	28.05 0.30 0.00	22.28 0.18 0.00	21.43 0.12 0.00
BOONVILLE_115KV_TB1 79983	16.29 0.08 0.00	15.00 0.10 0.00	10.34 0.05 0.00	11.65 0.07 0.00	12.03 0.11 0.00	13.19 0.14 0.00	17.71 0.26 0.00	18.33 0.21 0.00	16.16 0.10 0.00	17.63 0.11 0.00	22.38 0.10 0.00	23.00 0.19 0.00	23.58 0.36 0.00	23.21 0.34 0.00	23.25 0.42 0.00	21.94 0.43 0.00	25.67 0.50 0.00	29.24 0.57 0.00	29.56 0.58 0.00	32.20 0.54 0.00	26.26 0.41 0.00	28.18 0.43 0.00	22.38 0.28 0.00	21.56 0.25 0.00
BORALEX_4TH_BRANCH 23824	16.85 0.64 0.00	15.55 0.65 0.00	10.74 0.44 0.00	12.07 0.49 0.00	12.39 0.47 0.00	13.50 0.44 0.00	18.01 0.56 0.00	18.84 0.72 0.00	16.74 0.68 0.00	18.23 0.70 0.00	23.13 0.85 0.00	23.60 0.79 0.00	24.01 0.79 0.00	23.66 0.79 0.00	23.66 0.83 0.00	22.33 0.81 0.00	26.08 0.90 0.00	29.71 1.04 0.00	29.85 0.88 0.00	32.67 1.00 0.00	26.76 0.91 0.00	28.68 0.92 0.00	22.71 0.61 0.00	21.79 0.48 0.00
BOWLINE___1 23526	16.82 0.61 0.00	15.44 0.54 0.00	10.68 0.38 0.00	11.98 0.40 0.00	12.33 0.41 0.00	13.50 0.45 0.00	18.06 0.61 0.00	18.84 0.71 0.00	16.70 0.64 0.00	18.19 0.67 0.00	23.19 0.91 0.00	23.75 0.94 0.00	24.21 0.98 0.00	23.85 0.98 0.00	23.70 0.87 0.00	22.31 0.79 0.00	26.17 1.00 0.00	29.81 1.14 0.00	30.10 1.12 0.00	32.89 1.23 0.00	26.82 0.97 0.00	28.68 0.93 0.00	22.73 0.63 0.00	21.81 0.50 0.00
BOWLINE___2 23595	16.82 0.61 0.00	15.44 0.54 0.00	10.68 0.38 0.00	11.98 0.40 0.00	12.33 0.41 0.00	13.50 0.45 0.00	18.06 0.61 0.00	18.84 0.71 0.00	16.70 0.64 0.00	18.19 0.67 0.00	23.19 0.91 0.00	23.75 0.94 0.00	24.21 0.98 0.00	23.85 0.98 0.00	23.70 0.87 0.00	22.31 0.79 0.00	26.17 1.00 0.00	29.81 1.14 0.00	30.10 1.12 0.00	32.89 1.23 0.00	26.83 0.98 0.00	28.68 0.93 0.00	22.73 0.63 0.00	21.81 0.50 0.00
BRADY___115KV_TB2 356060	16.52 0.31 0.00	15.19 0.30 0.00	10.49 0.19 0.00	11.81 0.23 0.00	12.17 0.25 0.00	13.36 0.31 0.00	17.89 0.44 0.00	18.58 0.46 0.00	16.42 0.36 0.00	17.90 0.38 0.00	22.73 0.45 0.00	23.29 0.48 0.00	23.72 0.50 0.00	23.34 0.47 0.00	23.40 0.57 0.00	22.05 0.54 0.00	25.83 0.66 0.00	29.50 0.83 0.00	29.99 1.02 0.00	32.85 1.19 0.00	26.82 0.96 0.00	28.72 0.97 0.00	22.85 0.75 0.00	22.02 0.71 0.00
BRANSCOMB___SOLAR 323811	16.83 0.62 0.00	15.47 0.58 0.00	10.68 0.39 0.00	12.01 0.43 0.00	12.37 0.44 0.00	13.55 0.50 0.00	18.12 0.67 0.00	18.91 0.79 0.00	16.81 0.75 0.00	18.33 0.80 0.00	23.33 1.05 0.00	23.83 1.02 0.00	24.26 1.03 0.00	23.90 1.03 0.00	23.88 1.05 0.00	22.51 1.00 0.00	26.46 1.28 0.00	30.15 1.48 0.00	30.34 1.37 0.00	33.14 1.48 0.00	26.97 1.12 0.00	28.89 1.14 0.00	22.89 0.78 0.00	21.96 0.65 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	17.60 1.33 -0.06	17.08 1.17 -1.01	11.34 0.83 -0.22	12.69 0.91 -0.21	12.81 0.89 0.00	14.01 0.96 0.00	18.79 1.34 0.00	19.50 1.38 0.00	29.08 1.30 -11.72	21.65 1.42 -2.70	26.20 1.91 -2.02	34.26 2.01 -9.44	25.23 2.01 0.00	24.89 2.02 0.00	24.62 1.79 0.00	23.02 1.51 0.00	27.08 1.91 0.00	30.93 2.26 0.00	31.07 2.09 0.00	33.96 2.30 0.00	27.65 1.80 0.00	29.62 1.87 0.00	23.51 1.41 0.00	22.52 1.22 0.00

BRISTLHL_115KV_TB1 79998	15.71 -0.50 0.00	14.44 -0.46 0.00	9.98 -0.31 0.00	11.24 -0.34 0.00	11.58 -0.34 0.00	12.69 -0.36 0.00	16.98 -0.46 0.00	17.61 -0.52 0.00	15.59 -0.47 0.00	17.01 -0.51 0.00	21.59 -0.69 0.00	22.09 -0.72 0.00	22.49 -0.74 0.00	22.15 -0.72 0.00	22.12 -0.71 0.00	-0.62 -0.62 0.00	24.42 -0.76 0.00	27.79 -0.88 0.00	28.05 -0.93 0.00	30.63 -1.04 0.00	25.00 -0.85 0.00	26.91 -0.84 0.00	21.49 -0.61 0.00	20.76 -0.55 0.00
BROOKHAVEN___DRP 24191	17.70 1.42 -0.07	17.15 1.24 -1.01	11.37 0.86 -0.22	12.74 0.96 -0.21	12.87 0.95 0.00	14.08 1.03 0.00	18.85 1.40 0.00	19.56 1.44 0.00	29.17 1.38 -11.74	21.82 1.53 -2.76	26.08 1.79 -2.02	34.09 1.84 -9.44	25.15 1.93 0.00	24.81 1.94 0.00	24.49 1.66 0.00	22.70 1.19 0.00	26.66 1.49 0.00	30.51 1.84 0.00	30.63 1.66 0.00	33.47 1.81 0.00	27.34 1.49 0.00	29.39 1.64 0.00	23.30 1.20 0.00	22.34 1.03 0.00
BROOKLYN_NAVY_YARD 23515	16.98 0.77 0.00	15.58 0.68 0.00	10.78 0.49 0.00	12.08 0.51 0.00	12.43 0.51 0.00	13.61 0.56 0.00	18.18 0.73 0.00	18.98 0.86 0.00	16.85 0.80 0.00	18.38 0.86 0.00	23.48 1.20 0.00	24.02 1.21 0.00	24.46 1.23 0.00	24.14 1.27 0.00	23.98 1.15 0.00	22.53 1.02 0.00	26.41 1.24 0.00	30.05 1.38 0.00	30.34 1.36 0.00	33.13 1.47 0.00	27.02 1.17 0.00	28.87 1.12 0.00	22.88 0.78 0.00	21.97 0.66 0.00
BROOKLYN___ARMY_DRP 323595	17.11 0.90 0.00	15.68 0.78 0.00	10.85 0.56 0.00	12.17 0.59 0.00	12.51 0.59 0.00	13.70 0.64 0.00	18.31 0.87 0.00	19.11 0.99 0.00	16.95 0.90 0.00	18.48 0.96 0.00	23.61 1.33 0.00	24.15 1.34 -47.91	72.55 1.41 -22.19	46.48 1.42 -30.51	54.63 1.29 -74.45	97.14 1.18 -8.07	34.67 1.43 -128.74	159.00 1.60 -8.36	38.94 1.61 -55.77	89.17 1.74 -33.40	60.63 1.38 -89.73	118.83 1.35 -0.02	23.09 0.96 0.00	22.17 0.86 0.00
BROOKVLE_69_KV_TB1 55790	17.35 1.09 -0.05	16.87 0.96 -1.01	11.19 0.68 -0.22	12.53 0.74 -0.21	12.65 0.73 0.00	13.85 0.80 0.00	18.52 1.07 0.00	19.29 1.16 0.00	28.88 1.10 -11.72	21.46 1.23 -2.70	25.96 1.66 -2.02	33.97 1.72 -9.44	24.97 1.74 0.00	24.60 1.73 0.00	24.40 1.57 0.00	22.88 1.37 0.00	26.89 1.72 0.00	30.69 2.02 0.00	30.89 1.91 0.00	33.74 2.08 0.00	27.48 1.63 0.00	29.39 1.64 0.00	23.28 1.18 0.00	22.30 0.99 0.00
BROOME_2_LFGE 323671	15.98 -0.23 0.00	14.68 -0.22 0.00	10.16 -0.14 0.00	11.42 -0.16 0.00	11.77 -0.15 0.00	12.92 -0.13 0.00	17.38 -0.07 0.00	18.04 -0.09 0.00	15.93 -0.13 0.00	17.38 -0.14 0.00	22.08 -0.21 0.00	22.64 -0.17 0.00	23.02 -0.20 0.00	22.66 -0.21 0.00	22.61 -0.22 0.00	21.30 -0.21 0.00	24.92 -0.25 0.00	28.40 -0.27 0.00	28.75 -0.23 0.00	31.35 -0.31 0.00	25.56 -0.29 0.00	27.41 -0.34 0.00	21.86 -0.24 0.00	21.08 -0.23 0.00
BROOME___LFGE 323600	15.98 -0.23 0.00	14.68 -0.22 0.00	10.16 -0.14 0.00	11.42 -0.16 0.00	11.77 -0.15 0.00	12.92 -0.13 0.00	17.38 -0.07 0.00	18.04 -0.09 0.00	15.93 -0.13 0.00	17.38 -0.14 0.00	22.08 -0.21 0.00	22.64 -0.17 0.00	23.02 -0.20 0.00	22.66 -0.21 0.00	22.61 -0.22 0.00	21.30 -0.21 0.00	24.92 -0.25 0.00	28.40 -0.27 0.00	28.75 -0.23 0.00	31.35 -0.31 0.00	25.56 -0.29 0.00	27.41 -0.34 0.00	21.86 -0.24 0.00	21.08 -0.23 0.00
BROWNFLS_115KV_TB_3_5 80003	15.88 -0.33 0.00	14.62 -0.27 0.00	10.08 -0.22 0.00	11.36 -0.22 0.00	11.74 -0.18 0.00	12.86 -0.19 0.00	17.26 -0.18 0.00	17.86 -0.26 0.00	15.70 -0.36 0.00	17.10 -0.42 0.00	21.69 -0.59 0.00	22.29 -0.52 0.00	22.90 -0.33 0.00	22.54 -0.33 0.00	22.62 -0.21 0.00	21.34 -0.16 0.00	24.97 -0.20 0.00	28.48 -0.19 0.00	28.90 -0.08 0.00	31.55 -0.11 0.00	25.74 -0.11 0.00	27.61 -0.15 0.00	21.92 -0.18 0.00	21.14 -0.17 0.00
BROWNSV1_27_KV_LOAD 356125	17.12 0.91 0.00	15.70 0.80 0.00	10.86 0.56 0.00	12.18 0.60 0.00	12.53 0.61 0.00	13.72 0.66 0.00	18.33 0.88 0.00	19.14 1.02 0.00	17.00 0.94 0.00	18.54 1.02 0.00	23.70 1.42 0.00	24.24 1.43 0.00	24.69 1.47 0.00	24.35 1.48 0.00	24.18 1.36 0.00	22.74 1.23 0.00	26.66 1.49 0.00	30.36 1.70 0.00	30.66 1.68 0.00	33.49 1.82 0.00	27.31 1.46 0.00	29.18 1.43 0.00	23.10 1.00 0.00	22.17 0.86 0.00
BURROWS___LYONSDAL 23803	16.19 -0.02 0.00	14.92 0.02 0.00	10.28 -0.02 0.00	11.59 0.01 0.00	11.98 0.06 0.00	13.13 0.07 0.00	17.63 0.18 0.00	18.22 0.10 0.00	16.02 -0.04 0.00	17.46 -0.06 0.00	22.16 -0.12 0.00	22.81 0.00 0.00	23.45 0.22 0.00	23.07 0.19 0.00	23.14 0.31 0.00	21.84 0.33 0.00	25.55 0.38 0.00	29.11 0.44 0.00	29.44 0.46 0.00	32.07 0.41 0.00	26.15 0.29 0.00	28.08 0.32 0.00	22.28 0.18 0.00	21.47 0.16 0.00
CAITHNESS_CC_1 323624	17.66 1.38 -0.07	17.11 1.20 -1.01	11.35 0.84 -0.22	12.72 0.93 -0.21	12.84 0.92 0.00	14.05 0.99 0.00	18.80 1.36 0.00	19.52 1.40 0.00	29.11 1.31 -11.74	21.71 1.43 -2.76	26.05 1.75 -2.02	34.06 1.81 -9.44	25.12 1.89 0.00	24.77 1.90 0.00	24.45 1.62 0.00	22.70 1.18 0.00	26.65 1.48 0.00	30.50 1.83 0.00	30.62 1.64 0.00	33.46 1.80 0.00	27.32 1.46 0.00	29.35 1.59 0.00	23.28 1.18 0.00	22.32 1.01 0.00
CALPINE BETH_PAGE_GT4 24209	17.31 1.05 -0.05	16.83 0.92 -1.01	11.17 0.66 -0.22	12.50 0.71 -0.21	12.62 0.70 0.00	13.80 0.75 0.00	18.47 1.02 0.00	19.22 1.10 0.00	28.83 1.05 -11.72	21.40 1.17 -2.70	25.86 1.57 -2.02	33.89 1.63 -9.44	24.87 1.65 0.00	24.53 1.66 0.00	24.31 1.48 0.00	22.77 1.26 0.00	26.77 1.60 0.00	30.57 1.90 0.00	30.75 1.78 0.00	33.61 1.95 0.00	27.36 1.51 0.00	29.27 1.52 0.00	23.20 1.10 0.00	22.23 0.93 0.00
CALPINE_BETH_PAGE_GT_4 323586	17.31 1.05 -0.05	16.83 0.92 -1.01	11.17 0.66 -0.22	12.50 0.71 -0.21	12.62 0.70 0.00	13.80 0.75 0.00	18.47 1.02 0.00	19.22 1.10 0.00	28.83 1.04 -11.72	21.39 1.17 -2.70	25.86 1.56 -2.02	33.88 1.63 -9.44	24.88 1.65 0.00	24.54 1.67 0.00	24.31 1.48 0.00	22.77 1.26 0.00	26.77 1.60 0.00	30.57 1.90 0.00	30.75 1.78 0.00	33.61 1.95 0.00	27.36 1.51 0.00	29.27 1.52 0.00	23.21 1.10 0.00	22.23 0.93 0.00
CALPINE_BP_GT1 23823	17.31 1.05 -0.05	16.83 0.92 -1.01	11.17 0.66 -0.22	12.50 0.71 -0.21	12.62 0.70 0.00	13.80 0.75 0.00	18.47 1.02 0.00	19.22 1.10 0.00	28.83 1.04 -11.72	21.39 1.17 -2.70	25.86 1.56 -2.02	33.88 1.63 -9.44	24.88 1.65 0.00	24.54 1.67 0.00	24.31 1.48 0.00	22.77 1.26 0.00	26.77 1.60 0.00	30.57 1.90 0.00	30.75 1.78 0.00	33.61 1.95 0.00	27.36 1.51 0.00	29.27 1.52 0.00	23.21 1.10 0.00	22.23 0.93 0.00
CALSPAN___DRP 24200	14.98 -1.23 0.00	13.73 -1.16 0.00	9.52 -0.78 0.00	10.75 -0.83 0.00	11.10 -0.82 0.00	12.31 -0.74 0.00	16.67 -0.77 0.00	17.08 -1.05 0.00	15.02 -1.04 0.00	16.47 -1.06 0.00	20.91 -1.37 0.00	21.50 -1.31 0.00	21.80 -1.43 0.00	21.34 -1.53 0.00	21.40 -1.43 0.00	20.03 -1.48 0.00	23.42 -1.75 0.00	26.64 -2.02 0.00	27.08 -1.90 0.00	29.50 -2.16 0.00	24.04 -1.81 0.00	25.71 -2.04 0.00	20.75 -1.35 0.00	20.29 -1.01 0.00

CALVERTON___SOLAR 323806	17.78 1.50 -0.07	17.22 1.31 -1.01	11.43 0.92 -0.22	12.80 1.02 -0.21	12.93 1.01 0.00	14.15 1.10 0.00	18.93 1.49 0.00	19.65 1.53 0.00	29.26 1.46 -11.74	21.87 1.58 -2.76	26.13 1.83 -2.02	34.13 1.88 -9.44	25.23 2.00 0.00	24.87 2.00 0.00	24.54 1.71 0.00	22.73 1.22 0.00	26.71 1.53 0.00	30.56 1.89 0.00	30.68 1.71 0.00	33.53 1.86 0.00	27.40 1.55 0.00	29.45 1.70 0.00	23.35 1.25 0.00	22.38 1.08 0.00
CANDIGU_WT_PWR 323617	14.98 -1.23 0.00	13.75 -1.15 0.00	9.55 -0.75 0.00	10.73 -0.85 0.00	11.08 -0.84 0.00	12.25 -0.80 0.00	16.61 -0.84 0.00	17.16 -0.96 0.00	15.10 -0.96 0.00	16.51 -1.01 0.00	21.02 -1.26 0.00	21.65 -1.16 0.00	22.00 -1.22 0.00	21.55 -1.31 0.00	21.54 -1.29 0.00	20.21 -1.30 0.00	23.59 -1.58 0.00	26.94 -1.73 0.00	27.35 -1.63 0.00	29.78 -1.88 0.00	24.23 -1.62 0.00	26.05 -1.70 0.00	20.94 -1.16 0.00	20.35 -0.96 0.00
CARR STREET_E_SYR 24060	15.85 -0.36 0.00	14.57 -0.33 0.00	10.07 -0.23 0.00	11.33 -0.25 0.00	11.67 -0.25 0.00	12.80 -0.25 0.00	17.15 -0.30 0.00	17.78 -0.35 0.00	15.75 -0.31 0.00	17.18 -0.34 0.00	21.80 -0.47 0.00	22.33 -0.48 0.00	22.73 -0.50 0.00	22.38 -0.49 0.00	22.34 -0.49 0.00	21.07 -0.44 0.00	24.64 -0.53 0.00	28.04 -0.63 0.00	28.34 -0.64 0.00	30.91 -0.75 0.00	25.22 -0.63 0.00	27.14 -0.61 0.00	21.67 -0.43 0.00	20.93 -0.38 0.00
CARTHAGE___PAPER 23857	15.97 -0.24 0.00	14.72 -0.18 0.00	10.14 -0.16 0.00	11.45 -0.13 0.00	11.85 -0.07 0.00	12.98 -0.07 0.00	17.46 0.02 0.00	18.06 -0.06 0.00	15.81 -0.25 0.00	17.20 -0.32 0.00	21.73 -0.55 0.00	22.33 -0.49 0.00	23.14 -0.09 0.00	22.82 -0.05 0.00	22.91 0.08 0.00	21.68 0.16 0.00	25.37 0.20 0.00	28.91 0.24 0.00	29.27 0.29 0.00	31.88 0.22 0.00	25.97 0.12 0.00	27.87 0.12 0.00	22.09 -0.01 0.00	21.31 0.00 0.00
CASSADAGA_WT_PWR 323784	14.79 -1.42 0.00	13.41 -1.48 0.00	9.39 -0.90 0.00	10.54 -1.04 0.00	10.84 -1.08 0.00	12.16 -0.89 0.00	16.69 -0.76 0.00	17.00 -1.12 0.00	14.99 -1.07 0.00	16.33 -1.20 0.00	20.74 -1.54 0.00	21.30 -1.51 0.00	21.79 -1.44 0.00	21.49 -1.38 0.00	21.53 -1.30 0.00	20.19 -1.32 0.00	23.79 -1.38 0.00	27.18 -1.49 0.00	27.66 -1.32 0.00	30.04 -1.62 0.00	24.47 -1.38 0.00	26.13 -1.62 0.00	20.96 -1.14 0.00	20.44 -0.86 0.00
CE_DUNWOOD___DRP 24194	16.91 0.70 0.00	15.51 0.62 0.00	10.73 0.44 0.00	12.04 0.46 0.00	12.39 0.47 0.00	13.57 0.51 0.00	18.13 0.68 0.00	18.92 0.79 0.00	16.79 0.73 0.00	18.31 0.78 0.00	23.35 1.07 0.00	23.90 1.09 0.00	24.35 1.13 0.00	24.00 1.13 0.00	23.85 1.02 0.00	22.44 0.93 0.00	26.32 1.15 0.00	29.98 1.31 0.00	30.25 1.27 0.00	33.04 1.38 0.00	26.94 1.09 0.00	28.81 1.06 0.00	22.83 0.73 0.00	21.91 0.60 0.00
CE_MILLWOOD___DRP 24193	16.87 0.67 0.00	15.49 0.60 0.00	10.71 0.42 0.00	12.03 0.44 0.00	12.37 0.45 0.00	13.54 0.49 0.00	18.11 0.66 0.00	18.89 0.76 0.00	16.76 0.70 0.00	18.27 0.75 0.00	23.30 1.02 0.00	23.84 1.04 0.00	24.29 1.07 0.00	23.95 1.08 0.00	23.80 0.97 0.00	22.39 0.88 0.00	26.28 1.10 0.00	29.93 1.25 0.00	30.19 1.22 0.00	32.99 1.33 0.00	26.90 1.05 0.00	28.76 1.01 0.00	22.80 0.70 0.00	21.88 0.57 0.00
CE_NYC2_DRP 24202	17.04 0.83 0.00	15.63 0.73 0.00	10.81 0.52 0.00	12.13 0.55 0.00	12.47 0.55 0.00	13.64 0.59 0.00	18.23 0.78 0.00	19.03 0.91 0.00	16.89 0.83 0.00	18.43 0.90 0.00	23.54 1.26 0.00	24.06 1.26 0.00	24.53 1.31 0.00	24.19 1.32 0.00	24.01 1.18 0.00	22.57 1.06 0.00	26.47 1.30 0.00	30.13 1.45 0.00	30.43 1.46 0.00	33.23 1.57 0.00	27.10 1.25 0.00	28.96 1.21 0.00	22.94 0.84 0.00	22.04 0.73 0.00
CE_NYC_DRP 24195	16.98 0.77 0.00	15.57 0.67 0.00	10.78 0.48 0.00	12.08 0.51 0.00	12.43 0.51 0.00	13.61 0.55 0.00	18.18 0.73 0.00	18.97 0.85 0.00	16.85 0.79 0.00	18.38 0.86 0.00	23.48 1.20 0.00	24.01 1.21 0.00	24.47 1.24 0.00	24.13 1.26 0.00	23.97 1.14 0.00	22.54 1.02 0.00	26.41 1.24 0.00	30.07 1.40 0.00	30.36 1.39 0.00	33.15 1.49 0.00	27.04 1.19 0.00	28.89 1.14 0.00	22.89 0.79 0.00	21.97 0.66 0.00
CHAFFEE___LFGE 323603	15.03 -1.18 0.00	13.78 -1.12 0.00	9.55 -0.75 0.00	10.78 -0.80 0.00	11.13 -0.79 0.00	12.34 -0.71 0.00	16.71 -0.74 0.00	17.13 -0.99 0.00	15.07 -0.98 0.00	16.52 -1.00 0.00	20.97 -1.30 0.00	21.56 -1.25 0.00	21.88 -1.35 0.00	21.43 -1.44 0.00	21.47 -1.36 0.00	20.11 -1.40 0.00	23.51 -1.66 0.00	26.76 -1.92 0.00	27.20 -1.78 0.00	29.62 -2.04 0.00	24.13 -1.72 0.00	25.81 -1.94 0.00	20.81 -1.29 0.00	20.33 -0.98 0.00
CHATEAUG_35_KV_LOAD 355732	16.66 0.45 0.00	15.31 0.42 0.00	10.56 0.27 0.00	11.88 0.30 0.00	12.22 0.30 0.00	13.40 0.35 0.00	17.94 0.49 0.00	18.67 0.55 0.00	16.53 0.47 0.00	18.06 0.53 0.00	22.97 0.69 0.00	23.51 0.71 0.00	23.90 0.68 0.00	23.51 0.64 0.00	23.51 0.68 0.00	22.19 0.68 0.00	26.01 0.84 0.00	29.65 0.97 0.00	30.07 1.09 0.00	32.91 1.25 0.00	26.88 1.03 0.00	28.82 1.07 0.00	22.92 0.82 0.00	22.10 0.79 0.00
CHATEAUG_WT_PWR 323614	16.64 0.43 0.00	15.30 0.40 0.00	10.55 0.26 0.00	11.87 0.29 0.00	12.22 0.29 0.00	13.39 0.34 0.00	17.92 0.48 0.00	18.66 0.54 0.00	16.51 0.45 0.00	18.03 0.51 0.00	22.94 0.66 0.00	23.47 0.66 0.00	23.88 0.65 0.00	23.49 0.62 0.00	23.48 0.65 0.00	22.16 0.65 0.00	25.98 0.81 0.00	29.60 0.93 0.00	29.98 1.00 0.00	32.81 1.14 0.00	26.79 0.94 0.00	28.72 0.97 0.00	22.86 0.76 0.00	22.03 0.73 0.00
CHAT_HIGH_FALL_HYD 323578	16.66 0.45 0.00	15.31 0.41 0.00	10.56 0.27 0.00	11.88 0.30 0.00	12.22 0.30 0.00	13.40 0.35 0.00	17.94 0.49 0.00	18.67 0.55 0.00	16.53 0.47 0.00	18.06 0.54 0.00	22.97 0.69 0.00	23.52 0.71 0.00	23.90 0.68 0.00	23.51 0.64 0.00	23.51 0.68 0.00	22.19 0.67 0.00	26.01 0.84 0.00	29.65 0.97 0.00	30.07 1.09 0.00	32.91 1.25 0.00	26.88 1.03 0.00	28.82 1.07 0.00	22.92 0.82 0.00	22.10 0.79 0.00
CHAUTAUQUA___LFGE 323629	14.86 -1.35 0.00	13.58 -1.32 0.00	9.45 -0.85 0.00	10.63 -0.95 0.00	10.98 -0.95 0.00	12.21 -0.84 0.00	16.68 -0.77 0.00	17.07 -1.05 0.00	14.99 -1.07 0.00	16.37 -1.16 0.00	20.76 -1.52 0.00	21.38 -1.43 0.00	21.77 -1.46 0.00	21.41 -1.47 0.00	21.44 -1.39 0.00	20.10 -1.41 0.00	23.58 -1.60 0.00	26.90 -1.77 0.00	27.39 -1.59 0.00	29.79 -1.87 0.00	24.26 -1.59 0.00	25.93 -1.82 0.00	20.81 -1.29 0.00	20.27 -1.04 0.00
CHERRYST_13_KV_LD 356241	17.01 0.80 0.00	15.60 0.70 0.00	10.79 0.50 0.00	12.11 0.53 0.00	12.46 0.54 0.00	13.64 0.59 0.00	18.23 0.78 0.00	19.02 0.90 0.00	16.90 0.84 0.00	18.44 0.91 0.00	23.56 1.28 0.00	24.09 1.28 0.00	24.54 1.32 0.00	24.20 1.33 0.00	24.04 1.21 0.00	22.60 1.09 0.00	26.50 1.33 0.00	30.16 1.49 0.00	30.46 1.48 0.00	33.24 1.58 0.00	27.11 1.25 0.00	28.97 1.22 0.00	22.94 0.84 0.00	22.02 0.71 0.00

CHESTROR_138KV_BK263 355645	16.75 0.54 0.00	15.37 0.47 0.00	10.64 0.34 0.00	11.94 0.36 0.00	12.29 0.37 0.00	13.46 0.41 0.00	17.99 0.54 0.00	18.76 0.63 0.00	16.63 0.57 0.00	18.13 0.60 0.00	23.10 0.81 0.00	23.65 0.83 0.00	24.10 0.87 0.00	23.73 0.86 0.00	23.60 0.77 0.00	22.22 0.71 0.00	26.07 0.90 0.00	29.69 1.02 0.00	29.98 1.01 0.00	32.75 1.10 0.00	26.72 0.86 0.00	28.56 0.82 0.00	22.66 0.56 0.00	21.76 0.45 0.00
CH_MIDHUDSON___DRP 24192	16.91 0.70 0.00	15.52 0.62 0.00	10.73 0.44 0.00	12.05 0.47 0.00	12.39 0.47 0.00	13.57 0.52 0.00	18.13 0.69 0.00	18.90 0.78 0.00	16.78 0.72 0.00	18.30 0.78 0.00	23.32 1.04 0.00	23.85 1.04 0.00	24.31 1.09 0.00	23.97 1.10 0.00	23.85 1.02 0.00	22.44 0.93 0.00	26.34 1.17 0.00	30.00 1.33 0.00	30.26 1.29 0.00	33.05 1.39 0.00	26.94 1.09 0.00	28.80 1.05 0.00	22.84 0.74 0.00	21.92 0.61 0.00
CH_MISC_IPPS 23765	16.99 0.77 0.00	15.59 0.69 0.00	10.78 0.49 0.00	12.10 0.52 0.00	12.45 0.53 0.00	13.64 0.59 0.00	18.24 0.79 0.00	19.02 0.89 0.00	16.88 0.82 0.00	18.41 0.88 0.00	23.46 1.18 0.00	23.99 1.18 0.00	24.47 1.24 0.00	24.11 1.24 0.00	23.99 1.16 0.00	22.57 1.06 0.00	26.50 1.33 0.00	30.20 1.53 0.00	30.46 1.49 0.00	33.27 1.61 0.00	27.12 1.27 0.00	28.98 1.23 0.00	22.98 0.87 0.00	22.04 0.73 0.00
CH_RES_BVR_FALLS 23983	16.09 -0.11 0.00	14.79 -0.11 0.00	10.20 -0.09 0.00	11.51 -0.07 0.00	11.84 -0.08 0.00	12.95 -0.10 0.00	17.28 -0.17 0.00	17.88 -0.24 0.00	15.86 -0.20 0.00	17.34 -0.18 0.00	22.15 -0.13 0.00	22.76 -0.06 0.00	23.20 -0.03 0.00	22.84 -0.03 0.00	22.85 0.02 0.00	21.49 -0.02 0.00	25.13 -0.04 0.00	28.64 -0.03 0.00	28.93 -0.04 0.00	31.67 0.01 0.00	25.90 0.05 0.00	27.81 0.06 0.00	22.15 0.05 0.00	21.37 0.06 0.00
CH_RES_NIAGARA 23895	14.47 -1.74 0.00	13.29 -1.61 0.00	9.20 -1.09 0.00	10.42 -1.17 0.00	10.74 -1.18 0.00	11.90 -1.15 0.00	16.08 -1.37 0.00	16.41 -1.72 0.00	14.37 -1.69 0.00	15.74 -1.78 0.00	19.98 -2.30 0.00	20.53 -2.28 0.00	20.83 -2.39 0.00	20.38 -2.49 0.00	20.44 -2.39 0.00	19.13 -2.39 0.00	22.32 -2.85 0.00	25.36 -3.31 0.00	25.77 -3.21 0.00	28.06 -3.60 0.00	22.90 -2.95 0.00	24.49 -3.26 0.00	19.87 -2.23 0.00	19.57 -1.74 0.00
CH_RES_SYRACUSE 23985	15.94 -0.27 0.00	14.64 -0.26 0.00	10.12 -0.18 0.00	11.39 -0.19 0.00	11.73 -0.19 0.00	12.87 -0.18 0.00	17.24 -0.20 0.00	17.88 -0.24 0.00	15.83 -0.23 0.00	17.28 -0.24 0.00	21.94 -0.34 0.00	22.53 -0.28 0.00	22.94 -0.29 0.00	22.57 -0.30 0.00	22.50 -0.33 0.00	21.20 -0.31 0.00	24.79 -0.38 0.00	28.22 -0.45 0.00	28.52 -0.45 0.00	31.12 -0.55 0.00	25.39 -0.46 0.00	27.31 -0.44 0.00	21.80 -0.30 0.00	21.05 -0.25 0.00
CLINTON_WT_PWR 323605	16.64 0.43 0.00	15.30 0.40 0.00	10.55 0.26 0.00	11.87 0.29 0.00	12.22 0.29 0.00	13.39 0.34 0.00	17.92 0.48 0.00	18.66 0.54 0.00	16.51 0.45 0.00	18.03 0.51 0.00	22.94 0.66 0.00	23.47 0.66 0.00	23.88 0.65 0.00	23.49 0.62 0.00	23.48 0.65 0.00	22.16 0.65 0.00	25.98 0.81 0.00	29.60 0.93 0.00	29.98 1.00 0.00	32.81 1.14 0.00	26.79 0.94 0.00	28.72 0.97 0.00	22.86 0.76 0.00	22.03 0.73 0.00
CLINTON___LFGE 323618	16.88 0.68 0.00	15.50 0.61 0.00	10.69 0.40 0.00	12.02 0.44 0.00	12.37 0.45 0.00	13.57 0.52 0.00	18.18 0.73 0.00	18.96 0.84 0.00	16.79 0.73 0.00	18.32 0.80 0.00	23.31 1.02 0.00	23.82 1.01 0.00	24.21 0.99 0.00	23.82 0.95 0.00	23.81 0.98 0.00	22.50 0.99 0.00	26.42 1.25 0.00	30.12 1.46 0.00	30.49 1.52 0.00	33.36 1.70 0.00	27.21 1.36 0.00	29.16 1.41 0.00	23.18 1.08 0.00	22.32 1.02 0.00
COBBLENY_34_KV_TB1 80064	15.03 -1.18 0.00	13.78 -1.12 0.00	9.55 -0.75 0.00	10.79 -0.80 0.00	11.13 -0.79 0.00	12.34 -0.71 0.00	16.71 -0.73 0.00	17.13 -1.00 0.00	15.07 -0.99 0.00	16.52 -1.00 0.00	20.97 -1.31 0.00	21.56 -1.25 0.00	21.88 -1.35 0.00	21.43 -1.44 0.00	21.47 -1.36 0.00	20.12 -1.40 0.00	23.51 -1.66 0.00	26.76 -1.91 0.00	27.19 -1.79 0.00	29.63 -2.04 0.00	24.13 -1.72 0.00	25.81 -1.94 0.00	20.81 -1.29 0.00	20.34 -0.97 0.00
COFFEEN___115KV_TB3 355620	15.83 -0.38 0.00	14.57 -0.32 0.00	10.05 -0.25 0.00	11.35 -0.23 0.00	11.75 -0.17 0.00	12.86 -0.19 0.00	17.34 -0.11 0.00	17.96 -0.16 0.00	15.75 -0.31 0.00	17.12 -0.40 0.00	21.58 -0.70 0.00	22.12 -0.69 0.00	22.97 -0.26 0.00	22.67 -0.20 0.00	22.70 -0.12 0.00	21.54 0.02 0.00	25.24 0.07 0.00	28.78 0.12 0.00	29.11 0.13 0.00	31.70 0.04 0.00	25.81 -0.04 0.00	27.68 -0.08 0.00	21.94 -0.16 0.00	21.16 -0.15 0.00
COLDSPRG_115KV_BK1 355956	15.45 -0.76 0.00	14.11 -0.79 0.00	9.82 -0.48 0.00	11.04 -0.54 0.00	11.39 -0.53 0.00	12.69 -0.36 0.00	17.30 -0.15 0.00	17.77 -0.35 0.00	15.67 -0.39 0.00	17.09 -0.44 0.00	21.66 -0.62 0.00	22.24 -0.58 0.00	22.63 -0.60 0.00	22.23 -0.64 0.00	22.24 -0.59 0.00	20.85 -0.66 0.00	24.49 -0.68 0.00	27.94 -0.73 0.00	28.43 -0.54 0.00	30.92 -0.74 0.00	25.17 -0.69 0.00	26.92 -0.84 0.00	21.63 -0.47 0.00	21.03 -0.28 0.00
COLONIE_LFGE___ 323577	16.67 0.46 0.00	15.34 0.44 0.00	10.60 0.30 0.00	11.91 0.33 0.00	12.25 0.33 0.00	13.39 0.34 0.00	17.88 0.43 0.00	18.65 0.53 0.00	16.56 0.50 0.00	18.04 0.52 0.00	22.92 0.64 0.00	23.42 0.61 0.00	23.86 0.63 0.00	23.50 0.63 0.00	23.48 0.65 0.00	22.13 0.62 0.00	25.94 0.76 0.00	29.55 0.88 0.00	29.75 0.77 0.00	32.51 0.85 0.00	26.53 0.67 0.00	28.44 0.68 0.00	22.55 0.45 0.00	21.66 0.35 0.00
COOPERNY_115KV_TB1 80082	16.59 0.38 0.00	15.23 0.33 0.00	10.55 0.25 0.00	11.84 0.26 0.00	12.19 0.27 0.00	13.34 0.29 0.00	17.84 0.40 0.00	18.59 0.46 0.00	16.47 0.41 0.00	17.95 0.43 0.00	22.86 0.58 0.00	23.40 0.59 0.00	23.83 0.61 0.00	23.48 0.61 0.00	23.38 0.54 0.00	22.01 0.50 0.00	25.80 0.63 0.00	29.38 0.71 0.00	29.68 0.70 0.00	32.42 0.76 0.00	26.45 0.60 0.00	28.30 0.55 0.00	22.48 0.38 0.00	21.61 0.30 0.00
COPENHAGEN_WT_PWR 323753	15.68 -0.52 0.00	14.45 -0.44 0.00	9.97 -0.33 0.00	11.26 -0.32 0.00	11.66 -0.26 0.00	12.74 -0.31 0.00	17.16 -0.29 0.00	17.78 -0.34 0.00	15.57 -0.49 0.00	16.93 -0.59 0.00	21.31 -0.97 0.00	21.85 -0.95 0.00	22.75 -0.48 0.00	22.44 -0.43 0.00	22.50 -0.33 0.00	21.34 -0.17 0.00	24.96 -0.21 0.00	28.46 -0.21 0.00	28.75 -0.22 0.00	31.36 -0.31 0.00	25.53 -0.32 0.00	27.41 -0.34 0.00	21.74 -0.36 0.00	21.01 -0.30 0.00
CORNELL_____ 23752	16.19 -0.02 0.00	14.87 -0.03 0.00	10.28 -0.02 0.00	11.56 -0.02 0.00	11.93 0.01 0.00	13.11 0.06 0.00	17.63 0.18 0.00	18.30 0.18 0.00	16.18 0.12 0.00	17.65 0.13 0.00	22.44 0.16 0.00	22.99 0.18 0.00	23.39 0.16 0.00	23.00 0.12 0.00	22.98 0.15 0.00	21.66 0.15 0.00	25.37 0.20 0.00	28.90 0.23 0.00	29.24 0.27 0.00	31.86 0.20 0.00	25.97 0.12 0.00	27.85 0.10 0.00	22.19 0.09 0.00	21.40 0.09 0.00

CORONA__69_KV_TB1 355595	17.28 1.02 -0.05	16.81 0.90 -1.01	11.15 0.64 -0.22	12.47 0.69 -0.21	12.60 0.67 0.00	13.79 0.74 0.00	18.44 0.99 0.00	19.19 1.07 0.00	28.80 1.01 -11.72	21.36 1.14 -2.70	25.83 1.54 -2.02	33.84 1.59 -9.44	24.84 1.61 0.00	24.49 1.61 0.00	24.28 1.45 0.00	22.77 1.26 0.00	26.76 1.58 0.00	30.53 1.86 0.00	30.75 1.78 0.00	33.59 1.92 0.00	27.37 1.52 0.00	29.27 1.52 0.00	23.20 1.09 0.00	22.22 0.91 0.00
CORTLAND__115KV_TB3 80093	16.12 -0.09 0.00	14.81 -0.09 0.00	10.24 -0.05 0.00	11.52 -0.06 0.00	11.87 -0.05 0.00	13.04 -0.01 0.00	17.51 0.06 0.00	18.17 0.05 0.00	16.07 0.02 0.00	17.54 0.02 0.00	22.28 0.00 0.00	22.84 0.03 0.00	23.25 0.02 0.00	22.88 0.00 0.00	22.85 0.02 0.00	21.54 0.03 0.00	25.21 0.04 0.00	28.70 0.03 0.00	29.04 0.06 0.00	31.65 -0.01 0.00	25.81 -0.04 0.00	27.70 -0.05 0.00	22.07 -0.03 0.00	21.27 -0.03 0.00
COXSACKIE__GT 23611	17.24 1.03 0.00	15.87 0.97 0.00	10.96 0.66 0.00	12.32 0.74 0.00	12.69 0.76 0.00	13.89 0.84 0.00	18.59 1.14 0.00	19.39 1.27 0.00	17.24 1.18 0.00	18.79 1.27 0.00	23.77 1.49 0.00	24.35 1.54 0.00	24.75 1.52 0.00	24.36 1.49 0.00	24.42 1.59 0.00	23.07 1.56 0.00	27.15 1.98 0.00	31.02 2.35 0.00	31.23 2.25 0.00	34.04 2.38 0.00	27.70 1.85 0.00	29.61 1.85 0.00	23.41 1.31 0.00	22.45 1.15 0.00
CPV_VALLEY__CC1 323721	16.63 0.42 0.00	15.27 0.37 0.00	10.58 0.28 0.00	11.88 0.30 0.00	12.22 0.30 0.00	13.37 0.32 0.00	17.86 0.41 0.00	18.62 0.50 0.00	16.51 0.45 0.00	17.99 0.47 0.00	22.92 0.64 0.00	23.46 0.65 0.00	23.91 0.68 0.00	23.56 0.69 0.00	23.43 0.61 0.00	22.06 0.55 0.00	25.86 0.68 0.00	29.45 0.78 0.00	29.74 0.76 0.00	32.48 0.82 0.00	26.51 0.66 0.00	28.35 0.60 0.00	22.50 0.40 0.00	21.61 0.31 0.00
CPV_VALLEY__CC2 323722	16.63 0.42 0.00	15.27 0.37 0.00	10.58 0.28 0.00	11.88 0.30 0.00	12.22 0.30 0.00	13.37 0.32 0.00	17.86 0.41 0.00	18.62 0.50 0.00	16.51 0.45 0.00	17.99 0.47 0.00	22.92 0.64 0.00	23.46 0.65 0.00	23.91 0.68 0.00	23.56 0.69 0.00	23.43 0.61 0.00	22.06 0.55 0.00	25.86 0.68 0.00	29.45 0.78 0.00	29.74 0.76 0.00	32.48 0.82 0.00	26.51 0.66 0.00	28.35 0.60 0.00	22.50 0.40 0.00	21.61 0.31 0.00
CRESCENT__HYD 24018	16.67 0.46 0.00	15.34 0.44 0.00	10.60 0.30 0.00	11.91 0.33 0.00	12.25 0.33 0.00	13.39 0.34 0.00	17.88 0.43 0.00	18.65 0.53 0.00	16.56 0.50 0.00	18.04 0.52 0.00	22.92 0.64 0.00	23.42 0.61 0.00	23.86 0.63 0.00	23.50 0.63 0.00	23.48 0.65 0.00	22.13 0.62 0.00	25.94 0.76 0.00	29.55 0.88 0.00	29.75 0.77 0.00	32.51 0.85 0.00	26.53 0.67 0.00	28.44 0.68 0.00	22.55 0.45 0.00	21.66 0.35 0.00
CRICKET__VALLEY_CC1 323756	16.77 0.56 0.00	15.41 0.51 0.00	10.65 0.36 0.00	11.95 0.37 0.00	12.30 0.38 0.00	13.46 0.41 0.00	17.94 0.50 0.00	18.70 0.58 0.00	16.60 0.54 0.00	18.11 0.59 0.00	23.06 0.78 0.00	23.57 0.76 0.00	24.02 0.79 0.00	23.70 0.82 0.00	23.59 0.76 0.00	22.21 0.70 0.00	26.06 0.89 0.00	29.67 1.00 0.00	29.89 0.92 0.00	32.67 1.01 0.00	26.61 0.76 0.00	28.45 0.70 0.00	22.59 0.49 0.00	21.68 0.38 0.00
CRICKET__VALLEY_CC2 323757	16.77 0.56 0.00	15.41 0.51 0.00	10.65 0.36 0.00	11.95 0.37 0.00	12.30 0.38 0.00	13.46 0.41 0.00	17.94 0.50 0.00	18.70 0.58 0.00	16.60 0.54 0.00	18.11 0.59 0.00	23.06 0.78 0.00	23.57 0.76 0.00	24.02 0.79 0.00	23.70 0.82 0.00	23.59 0.76 0.00	22.21 0.70 0.00	26.06 0.89 0.00	29.67 1.00 0.00	29.89 0.92 0.00	32.67 1.01 0.00	26.61 0.76 0.00	28.45 0.70 0.00	22.59 0.49 0.00	21.68 0.38 0.00
CRICKET__VALLEY_CC3 323758	16.77 0.56 0.00	15.41 0.51 0.00	10.65 0.36 0.00	11.95 0.37 0.00	12.30 0.38 0.00	13.46 0.41 0.00	17.94 0.50 0.00	18.70 0.58 0.00	16.60 0.54 0.00	18.11 0.59 0.00	23.06 0.78 0.00	23.57 0.76 0.00	24.02 0.79 0.00	23.70 0.82 0.00	23.59 0.76 0.00	22.21 0.70 0.00	26.06 0.89 0.00	29.67 1.00 0.00	29.89 0.92 0.00	32.67 1.01 0.00	26.61 0.76 0.00	28.45 0.70 0.00	22.59 0.49 0.00	21.68 0.38 0.00
CRUCIBLE__METL_DRP 24180	15.94 -0.27 0.00	14.64 -0.26 0.00	10.12 -0.18 0.00	11.39 -0.19 0.00	11.73 -0.19 0.00	12.87 -0.18 0.00	17.24 -0.20 0.00	17.88 -0.24 0.00	15.83 -0.23 0.00	17.28 -0.24 0.00	21.93 -0.35 0.00	22.53 -0.28 0.00	22.93 -0.29 0.00	22.57 -0.30 0.00	22.50 -0.33 0.00	21.20 -0.31 0.00	24.79 -0.38 0.00	28.22 -0.45 0.00	28.52 -0.46 0.00	31.12 -0.55 0.00	25.39 -0.46 0.00	27.31 -0.44 0.00	21.80 -0.30 0.00	21.05 -0.25 0.00
DAHOWA__HYDRO 323763	16.87 0.66 0.00	15.50 0.60 0.00	10.70 0.40 0.00	12.03 0.45 0.00	12.39 0.47 0.00	13.58 0.53 0.00	18.17 0.72 0.00	18.98 0.86 0.00	16.88 0.83 0.00	18.40 0.88 0.00	23.44 1.17 0.00	23.94 1.13 0.00	24.37 1.14 0.00	24.00 1.13 0.00	23.99 1.16 0.00	22.61 1.10 0.00	26.60 1.43 0.00	30.32 1.65 0.00	30.51 1.53 0.00	33.31 1.65 0.00	27.09 1.23 0.00	29.01 1.26 0.00	22.96 0.86 0.00	22.02 0.72 0.00
DANC__LFGE 323619	15.66 -0.55 0.00	14.42 -0.48 0.00	9.95 -0.35 0.00	11.22 -0.36 0.00	11.59 -0.33 0.00	12.69 -0.36 0.00	17.05 -0.40 0.00	17.67 -0.45 0.00	15.55 -0.51 0.00	16.92 -0.60 0.00	21.37 -0.91 0.00	21.89 -0.92 0.00	22.60 -0.63 0.00	22.28 -0.59 0.00	22.30 -0.53 0.00	21.11 -0.40 0.00	24.70 -0.47 0.00	28.14 -0.53 0.00	28.43 -0.54 0.00	31.00 -0.66 0.00	25.27 -0.58 0.00	27.15 -0.60 0.00	21.59 -0.51 0.00	20.86 -0.45 0.00
DANSKAMMER__1 23586	16.99 0.77 0.00	15.59 0.69 0.00	10.78 0.49 0.00	12.10 0.52 0.00	12.45 0.53 0.00	13.64 0.59 0.00	18.24 0.79 0.00	19.02 0.89 0.00	16.88 0.82 0.00	18.41 0.88 0.00	23.46 1.18 0.00	23.99 1.18 0.00	24.47 1.24 0.00	24.11 1.24 0.00	23.99 1.16 0.00	22.57 1.06 0.00	26.50 1.33 0.00	30.20 1.53 0.00	30.46 1.49 0.00	33.27 1.61 0.00	27.12 1.27 0.00	28.98 1.23 0.00	22.98 0.87 0.00	22.04 0.73 0.00
DANSKAMMER__2 23589	16.99 0.77 0.00	15.59 0.69 0.00	10.78 0.49 0.00	12.10 0.52 0.00	12.45 0.53 0.00	13.64 0.59 0.00	18.24 0.79 0.00	19.02 0.89 0.00	16.88 0.82 0.00	18.41 0.88 0.00	23.46 1.18 0.00	23.99 1.18 0.00	24.47 1.24 0.00	24.11 1.24 0.00	23.99 1.16 0.00	22.57 1.06 0.00	26.50 1.33 0.00	30.20 1.53 0.00	30.46 1.49 0.00	33.27 1.61 0.00	27.12 1.27 0.00	28.98 1.23 0.00	22.98 0.87 0.00	22.04 0.73 0.00
DANSKAMMER__3 23590	16.99 0.77 0.00	15.59 0.69 0.00	10.78 0.49 0.00	12.10 0.52 0.00	12.45 0.53 0.00	13.64 0.59 0.00	18.24 0.79 0.00	19.02 0.89 0.00	16.88 0.82 0.00	18.41 0.88 0.00	23.46 1.18 0.00	23.99 1.18 0.00	24.47 1.24 0.00	24.11 1.24 0.00	23.99 1.16 0.00	22.57 1.06 0.00	26.50 1.33 0.00	30.20 1.53 0.00	30.46 1.49 0.00	33.27 1.61 0.00	27.12 1.27 0.00	28.98 1.23 0.00	22.98 0.87 0.00	22.04 0.73 0.00

DANSKAMMER___4 23591	16.99 0.77 0.00	15.59 0.69 0.00	10.78 0.49 0.00	12.10 0.52 0.00	12.45 0.53 0.00	13.64 0.59 0.00	18.24 0.79 0.00	19.02 0.89 0.00	16.88 0.82 0.00	18.41 0.88 0.00	23.46 1.18 0.00	23.99 1.18 0.00	24.47 1.24 0.00	24.11 1.24 0.00	23.99 1.16 0.00	22.57 1.06 0.00	26.50 1.33 0.00	30.20 1.53 0.00	30.46 1.49 0.00	33.27 1.61 0.00	27.12 1.27 0.00	28.98 1.23 0.00	22.98 0.87 0.00	22.04 0.73 0.00
DANSKAMMER___DIESEL 23592	16.99 0.77 0.00	15.59 0.69 0.00	10.78 0.49 0.00	12.10 0.52 0.00	12.45 0.53 0.00	13.64 0.59 0.00	18.24 0.79 0.00	19.02 0.89 0.00	16.88 0.82 0.00	18.41 0.89 0.00	23.46 1.18 0.00	23.99 1.18 0.00	24.46 1.24 0.00	24.11 1.24 0.00	23.99 1.16 0.00	22.57 1.06 0.00	26.50 1.33 0.00	30.20 1.53 0.00	30.47 1.49 0.00	33.27 1.61 0.00	27.12 1.27 0.00	28.98 1.23 0.00	22.98 0.87 0.00	22.04 0.73 0.00
DARBY___SOLAR 323810	16.84 0.63 0.00	15.49 0.59 0.00	10.69 0.39 0.00	12.02 0.44 0.00	12.37 0.45 0.00	13.56 0.51 0.00	18.13 0.68 0.00	18.93 0.81 0.00	16.83 0.77 0.00	18.34 0.82 0.00	23.36 1.08 0.00	23.86 1.05 0.00	24.30 1.07 0.00	23.93 1.06 0.00	23.92 1.09 0.00	22.55 1.04 0.00	26.49 1.32 0.00	30.20 1.53 0.00	30.40 1.42 0.00	33.19 1.53 0.00	27.00 1.15 0.00	28.93 1.18 0.00	22.91 0.81 0.00	21.98 0.67 0.00
DASHVILLE___HYD 23610	16.84 0.63 0.00	15.45 0.55 0.00	10.69 0.39 0.00	11.99 0.41 0.00	12.33 0.41 0.00	13.51 0.46 0.00	18.06 0.61 0.00	18.84 0.71 0.00	16.72 0.66 0.00	18.24 0.72 0.00	23.28 1.00 0.00	23.82 1.01 0.00	24.28 1.05 0.00	23.92 1.05 0.00	23.76 0.93 0.00	22.35 0.84 0.00	26.25 1.08 0.00	29.90 1.23 0.00	30.17 1.20 0.00	32.96 1.30 0.00	26.87 1.01 0.00	28.71 0.96 0.00	22.77 0.67 0.00	21.85 0.54 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	18.05 1.77 -0.07	17.47 1.56 -1.01	11.59 1.08 -0.22	12.99 1.21 -0.21	13.13 1.21 0.00	14.38 1.33 0.00	19.25 1.80 0.00	19.98 1.85 0.00	29.58 1.78 -11.74	22.25 1.97 -2.76	26.50 2.21 -2.02	34.50 2.25 -9.44	25.62 2.39 0.00	25.25 2.38 0.00	24.92 2.09 0.00	23.07 1.55 0.00	27.13 1.96 0.00	31.08 2.41 0.00	31.19 2.21 0.00	34.11 2.45 0.00	27.84 1.99 0.00	29.91 2.16 0.00	23.69 1.59 0.00	22.70 1.39 0.00
DELAWARE___LFGE 323621	16.53 0.32 0.00	15.18 0.28 0.00	10.50 0.21 0.00	11.80 0.23 0.00	12.16 0.24 0.00	13.32 0.27 0.00	17.85 0.40 0.00	18.57 0.44 0.00	16.45 0.39 0.00	17.93 0.41 0.00	22.81 0.53 0.00	23.35 0.54 0.00	23.78 0.55 0.00	23.41 0.54 0.00	23.35 0.53 0.00	21.99 0.48 0.00	25.75 0.58 0.00	29.36 0.68 0.00	29.65 0.67 0.00	32.36 0.70 0.00	26.39 0.54 0.00	28.28 0.52 0.00	22.48 0.38 0.00	21.64 0.33 0.00
DERFIELD_115KV_TB7 355931	16.23 0.02 0.00	14.91 0.01 0.00	10.31 0.01 0.00	11.59 0.01 0.00	11.93 0.01 0.00	13.05 0.00 0.00	17.45 0.00 0.00	18.13 0.01 0.00	16.08 0.02 0.00	17.54 0.02 0.00	22.30 0.02 0.00	22.83 0.02 0.00	23.27 0.04 0.00	22.92 0.05 0.00	22.88 0.05 0.00	21.55 0.04 0.00	25.22 0.05 0.00	28.74 0.06 0.00	29.01 0.03 0.00	31.68 0.01 0.00	25.86 0.00 0.00	27.75 0.00 0.00	22.08 -0.02 0.00	21.27 -0.04 0.00
DOGLEVILLE___HYD 23807	16.22 0.01 0.00	14.93 0.03 0.00	10.31 0.01 0.00	11.57 0.00 0.00	11.91 -0.01 0.00	13.03 -0.03 0.00	17.43 -0.02 0.00	18.26 0.14 0.00	16.22 0.16 0.00	17.62 0.10 0.00	22.36 0.08 0.00	22.86 0.05 0.00	23.23 0.01 0.00	22.93 0.06 0.00	22.86 0.03 0.00	21.54 0.02 0.00	25.24 0.07 0.00	28.88 0.21 0.00	29.03 0.05 0.00	31.64 -0.02 0.00	25.82 -0.03 0.00	27.60 -0.15 0.00	21.82 -0.28 0.00	20.88 -0.43 0.00
DUNKIRK___115KV_TB_200 55889	14.88 -1.33 0.00	13.61 -1.29 0.00	9.45 -0.84 0.00	10.64 -0.94 0.00	10.99 -0.93 0.00	12.22 -0.83 0.00	16.68 -0.77 0.00	17.08 -1.04 0.00	14.99 -1.07 0.00	16.38 -1.14 0.00	20.77 -1.51 0.00	21.39 -1.43 0.00	21.77 -1.46 0.00	21.40 -1.47 0.00	21.43 -1.40 0.00	20.09 -1.42 0.00	23.55 -1.62 0.00	26.86 -1.81 0.00	27.36 -1.62 0.00	29.77 -1.89 0.00	24.23 -1.62 0.00	25.90 -1.85 0.00	20.80 -1.30 0.00	20.26 -1.05 0.00
DUNKIRK___1 23563	14.88 -1.33 0.00	13.61 -1.29 0.00	9.45 -0.84 0.00	10.64 -0.94 0.00	10.99 -0.93 0.00	12.22 -0.83 0.00	16.68 -0.77 0.00	17.08 -1.04 0.00	14.99 -1.07 0.00	16.38 -1.14 0.00	20.77 -1.51 0.00	21.39 -1.43 0.00	21.77 -1.46 0.00	21.40 -1.47 0.00	21.43 -1.40 0.00	20.09 -1.42 0.00	23.55 -1.62 0.00	26.86 -1.81 0.00	27.36 -1.62 0.00	29.77 -1.89 0.00	24.23 -1.62 0.00	25.90 -1.85 0.00	20.80 -1.30 0.00	20.26 -1.05 0.00
DUNKIRK___2 23564	14.88 -1.33 0.00	13.61 -1.29 0.00	9.45 -0.84 0.00	10.64 -0.94 0.00	10.99 -0.93 0.00	12.22 -0.83 0.00	16.68 -0.77 0.00	17.08 -1.04 0.00	14.99 -1.07 0.00	16.38 -1.14 0.00	20.77 -1.51 0.00	21.39 -1.43 0.00	21.77 -1.46 0.00	21.40 -1.47 0.00	21.43 -1.40 0.00	20.09 -1.42 0.00	23.55 -1.62 0.00	26.86 -1.81 0.00	27.36 -1.62 0.00	29.77 -1.89 0.00	24.23 -1.62 0.00	25.90 -1.85 0.00	20.80 -1.30 0.00	20.26 -1.05 0.00
DUNKIRK___3 23565	14.92 -1.29 0.00	13.66 -1.24 0.00	9.48 -0.81 0.00	10.68 -0.90 0.00	11.03 -0.89 0.00	12.26 -0.79 0.00	16.68 -0.76 0.00	17.10 -1.03 0.00	15.00 -1.06 0.00	16.40 -1.12 0.00	20.80 -1.48 0.00	21.40 -1.40 0.00	21.76 -1.47 0.00	21.37 -1.51 0.00	21.40 -1.44 0.00	20.06 -1.46 0.00	23.48 -1.69 0.00	26.76 -1.91 0.00	27.24 -1.74 0.00	29.66 -2.00 0.00	24.15 -1.70 0.00	25.83 -1.92 0.00	20.78 -1.32 0.00	20.26 -1.05 0.00
DUNKIRK___4 23566	14.92 -1.29 0.00	13.66 -1.24 0.00	9.48 -0.81 0.00	10.68 -0.90 0.00	11.03 -0.89 0.00	12.26 -0.79 0.00	16.68 -0.76 0.00	17.10 -1.03 0.00	15.00 -1.06 0.00	16.40 -1.12 0.00	20.80 -1.48 0.00	21.40 -1.40 0.00	21.76 -1.47 0.00	21.37 -1.51 0.00	21.40 -1.44 0.00	20.06 -1.46 0.00	23.48 -1.69 0.00	26.76 -1.91 0.00	27.24 -1.74 0.00	29.66 -2.00 0.00	24.15 -1.70 0.00	25.83 -1.92 0.00	20.78 -1.32 0.00	20.26 -1.05 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	16.94 0.73 0.00	15.54 0.65 0.00	10.75 0.46 0.00	12.07 0.49 0.00	12.41 0.49 0.00	13.58 0.53 0.00	18.15 0.70 0.00	18.94 0.82 0.00	16.81 0.76 0.00	18.34 0.82 0.00	23.41 1.13 0.00	23.96 1.15 0.00	24.41 1.18 0.00	24.06 1.19 0.00	23.91 1.08 0.00	22.49 0.98 0.00	26.39 1.22 0.00	30.05 1.38 0.00	30.30 1.33 0.00	33.11 1.45 0.00	26.99 1.14 0.00	28.86 1.11 0.00	22.87 0.77 0.00	21.95 0.64 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	16.86 0.64 0.00	15.47 0.57 0.00	10.70 0.41 0.00	12.02 0.44 0.00	12.36 0.44 0.00	13.54 0.48 0.00	18.11 0.66 0.00	18.88 0.75 0.00	16.74 0.68 0.00	18.25 0.73 0.00	23.27 0.99 0.00	23.81 1.00 0.00	24.27 1.04 0.00	23.91 1.04 0.00	23.78 0.95 0.00	22.38 0.87 0.00	26.27 1.10 0.00	29.93 1.25 0.00	30.20 1.23 0.00	32.99 1.33 0.00	26.90 1.05 0.00	28.76 1.01 0.00	22.80 0.70 0.00	21.88 0.58 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	17.01 0.80 0.00	15.60 0.70 0.00	10.79 0.50 0.00	12.10 0.52 0.00	12.44 0.52 0.00	13.62 0.56 0.00	18.20 0.75 0.00	19.00 0.87 0.00	16.85 0.79 0.00	18.38 0.86 0.00	23.47 1.19 0.00	23.97 1.16 0.00	24.44 1.22 0.00	24.12 1.25 0.00	23.93 1.10 0.00	22.50 0.99 0.00	26.39 1.22 0.00	30.02 1.35 0.00	30.35 1.38 0.00	33.15 1.49 0.00	27.03 1.18 0.00	28.90 1.15 0.00	22.91 0.81 0.00	22.03 0.72 0.00
E179THST_13_KV_LOAD 356214	17.08 0.87 0.00	15.65 0.76 0.00	10.83 0.54 0.00	12.14 0.56 0.00	12.48 0.57 0.00	13.66 0.61 0.00	18.27 0.82 0.00	19.07 0.95 0.00	16.92 0.86 0.00	18.46 0.93 0.00	23.56 1.28 0.00	24.08 1.27 0.00	24.55 1.32 0.00	24.22 1.35 0.00	24.04 1.21 0.00	22.60 1.09 0.00	26.51 1.33 0.00	30.15 1.48 0.00	30.50 1.52 0.00	33.30 1.64 0.00	27.16 1.30 0.00	29.02 1.27 0.00	23.00 0.90 0.00	22.11 0.81 0.00
EAST HAMPTON___GT 23717	18.20 1.92 -0.07	17.61 1.69 -1.01	11.69 1.18 -0.22	13.10 1.32 -0.21	13.25 1.33 0.00	14.52 1.47 0.00	19.43 1.98 0.00	20.18 2.06 0.00	29.75 1.95 -11.74	22.40 2.12 -2.76	26.78 2.48 -2.02	34.78 2.53 -9.44	25.89 2.66 0.00	25.53 2.65 0.00	25.19 2.36 0.00	23.34 1.83 0.00	27.46 2.29 0.00	31.47 2.80 0.00	31.59 2.61 0.00	34.53 2.86 0.00	28.17 2.31 0.00	30.24 2.49 0.00	23.95 1.84 0.00	22.92 1.62 0.00
EAST RIVER___6 23660	16.96 0.75 0.00	15.56 0.66 0.00	10.77 0.47 0.00	12.07 0.49 0.00	12.42 0.50 0.00	13.60 0.55 0.00	18.16 0.71 0.00	18.96 0.84 0.00	16.84 0.78 0.00	18.37 0.85 0.00	23.48 1.20 0.00	24.02 1.21 0.00	24.48 1.25 0.00	24.14 1.26 0.00	23.97 1.14 0.00	22.54 1.03 0.00	26.42 1.25 0.00	30.08 1.41 0.00	30.38 1.40 0.00	33.16 1.50 0.00	27.04 1.19 0.00	28.89 1.14 0.00	22.88 0.78 0.00	21.96 0.65 0.00
EAST RIVER___7 23524	16.96 0.75 0.00	15.56 0.66 0.00	10.77 0.47 0.00	12.07 0.49 0.00	12.42 0.50 0.00	13.60 0.55 0.00	18.16 0.71 0.00	18.96 0.84 0.00	16.84 0.78 0.00	18.37 0.85 0.00	23.48 1.20 0.00	24.02 1.21 0.00	24.48 1.25 0.00	24.14 1.26 0.00	23.97 1.14 0.00	22.54 1.03 0.00	26.42 1.25 0.00	30.08 1.41 0.00	30.38 1.40 0.00	33.16 1.50 0.00	27.04 1.19 0.00	28.89 1.14 0.00	22.88 0.78 0.00	21.96 0.65 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	16.91 0.70 0.00	15.51 0.62 0.00	10.73 0.44 0.00	12.04 0.46 0.00	12.39 0.47 0.00	13.57 0.51 0.00	18.13 0.68 0.00	18.92 0.79 0.00	16.79 0.73 0.00	18.31 0.78 0.00	23.35 1.07 0.00	23.90 1.09 0.00	24.35 1.13 0.00	24.00 1.13 0.00	23.85 1.02 0.00	22.44 0.93 0.00	26.32 1.15 0.00	29.98 1.31 0.00	30.25 1.27 0.00	33.04 1.38 0.00	26.94 1.09 0.00	28.81 1.06 0.00	22.83 0.73 0.00	21.91 0.60 0.00
EAST_HAMPTON___DIESEL 23722	18.20 1.92 -0.07	17.61 1.69 -1.01	11.69 1.18 -0.22	13.11 1.32 -0.21	13.25 1.33 0.00	14.52 1.47 0.00	19.43 1.98 0.00	20.18 2.06 0.00	29.75 1.95 -11.74	22.40 2.12 -2.76	26.78 2.48 -2.02	34.78 2.53 -9.44	25.89 2.66 0.00	25.53 2.65 0.00	25.19 2.36 0.00	23.34 1.83 0.00	27.46 2.29 0.00	31.47 2.80 0.00	31.59 2.61 0.00	34.53 2.87 0.00	28.17 2.31 0.00	30.24 2.49 0.00	23.95 1.84 0.00	22.92 1.62 0.00
EAST_PULASKI___ESR 323781	15.69 -0.52 0.00	14.42 -0.47 0.00	9.97 -0.33 0.00	11.22 -0.36 0.00	11.58 -0.34 0.00	12.68 -0.37 0.00	17.01 -0.44 0.00	17.63 -0.50 0.00	15.57 -0.49 0.00	16.98 -0.54 0.00	21.50 -0.78 0.00	22.00 -0.81 0.00	22.52 -0.70 0.00	22.19 -0.68 0.00	22.18 -0.65 0.00	20.97 -0.54 0.00	24.52 -0.65 0.00	27.93 -0.74 0.00	28.21 -0.77 0.00	30.78 -0.89 0.00	25.10 -0.75 0.00	27.00 -0.75 0.00	21.52 -0.58 0.00	20.79 -0.52 0.00
EAST_RIVER___1 323558	16.98 0.77 0.00	15.57 0.67 0.00	10.78 0.48 0.00	12.08 0.51 0.00	12.43 0.51 0.00	13.61 0.55 0.00	18.18 0.73 0.00	18.97 0.85 0.00	16.85 0.79 0.00	18.37 0.85 0.00	23.48 1.19 0.00	24.01 1.20 0.00	24.46 1.24 0.00	24.13 1.26 0.00	23.97 1.14 0.00	22.54 1.02 0.00	26.41 1.24 0.00	30.07 1.40 0.00	30.36 1.38 0.00	33.15 1.49 0.00	27.04 1.19 0.00	28.90 1.15 0.00	22.89 0.79 0.00	21.97 0.67 0.00
EAST_RIVER___2 323559	16.96 0.75 0.00	15.56 0.66 0.00	10.77 0.47 0.00	12.07 0.49 0.00	12.42 0.50 0.00	13.60 0.55 0.00	18.16 0.71 0.00	18.96 0.84 0.00	16.84 0.78 0.00	18.37 0.85 0.00	23.48 1.20 0.00	24.02 1.21 0.00	24.48 1.25 0.00	24.14 1.26 0.00	23.97 1.14 0.00	22.54 1.03 0.00	26.42 1.25 0.00	30.08 1.41 0.00	30.38 1.40 0.00	33.16 1.50 0.00	27.04 1.19 0.00	28.89 1.14 0.00	22.88 0.78 0.00	21.96 0.65 0.00
EAST___DELAWARE_HYD 23607	17.00 0.80 0.00	15.57 0.67 0.00	10.78 0.48 0.00	12.10 0.52 0.00	12.45 0.53 0.00	13.65 0.60 0.00	18.28 0.84 0.00	19.06 0.94 0.00	16.91 0.85 0.00	18.42 0.90 0.00	23.44 1.16 0.00	23.95 1.14 0.00	24.38 1.15 0.00	23.92 1.05 0.00	23.57 0.74 0.00	22.22 0.71 0.00	26.16 0.99 0.00	29.83 1.16 0.00	30.12 1.14 0.00	32.87 1.21 0.00	26.79 0.94 0.00	28.61 0.86 0.00	22.66 0.56 0.00	21.73 0.43 0.00
EIGHT_POINT___WT_PWR 323820	14.61 -1.60 0.00	13.46 -1.44 0.00	9.35 -0.94 0.00	10.48 -1.10 0.00	10.83 -1.10 0.00	12.02 -1.03 0.00	16.29 -1.15 0.00	16.85 -1.27 0.00	14.86 -1.20 0.00	16.24 -1.29 0.00	20.77 -1.51 0.00	21.40 -1.41 0.00	21.72 -1.51 0.00	21.19 -1.68 0.00	21.15 -1.68 0.00	19.83 -1.68 0.00	23.12 -2.05 0.00	26.42 -2.25 0.00	26.88 -2.10 0.00	29.19 -2.47 0.00	23.74 -2.11 0.00	25.57 -2.18 0.00	20.68 -1.42 0.00	20.17 -1.14 0.00
ELBRIDGE_115KV_TB2 80188	15.84 -0.36 0.00	14.55 -0.34 0.00	10.06 -0.23 0.00	11.32 -0.26 0.00	11.67 -0.25 0.00	12.79 -0.26 0.00	17.14 -0.31 0.00	17.77 -0.35 0.00	15.73 -0.32 0.00	17.17 -0.35 0.00	21.80 -0.48 0.00	22.34 -0.46 0.00	22.74 -0.49 0.00	22.38 -0.49 0.00	22.33 -0.50 0.00	21.05 -0.46 0.00	24.62 -0.55 0.00	28.02 -0.65 0.00	28.33 -0.65 0.00	30.90 -0.77 0.00	25.22 -0.63 0.00	27.12 -0.63 0.00	21.66 -0.44 0.00	20.92 -0.38 0.00
ELEC_TRO_TEK 24086	17.22 0.96 -0.05	16.76 0.85 -1.01	11.12 0.61 -0.22	12.44 0.65 -0.21	12.56 0.64 0.00	13.75 0.70 0.00	18.38 0.94 0.00	19.13 1.00 0.00	28.73 0.95 -11.72	21.29 1.07 -2.70	25.74 1.45 -2.02	33.74 1.49 -9.44	24.73 1.51 0.00	24.39 1.52 0.00	24.18 1.35 0.00	22.68 1.17 0.00	26.65 1.47 0.00	30.39 1.72 0.00	30.61 1.63 0.00	33.43 1.77 0.00	27.24 1.39 0.00	29.13 1.39 0.00	23.09 0.99 0.00	22.14 0.83 0.00
ELLENBURG_WT_PWR 323604	16.64 0.43 0.00	15.30 0.40 0.00	10.55 0.26 0.00	11.87 0.29 0.00	12.22 0.29 0.00	13.39 0.34 0.00	17.92 0.48 0.00	18.66 0.54 0.00	16.51 0.45 0.00	18.03 0.51 0.00	22.94 0.66 0.00	23.47 0.66 0.00	23.88 0.65 0.00	23.49 0.62 0.00	23.48 0.65 0.00	22.16 0.65 0.00	25.98 0.81 0.00	29.60 0.93 0.00	29.98 1.00 0.00	32.81 1.14 0.00	26.79 0.94 0.00	28.72 0.97 0.00	22.86 0.76 0.00	22.03 0.73 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	14.87 -1.34 0.00	13.63 -1.27 0.00	9.45 -0.85 0.00	10.68 -0.90 0.00	11.02 -0.90 0.00	12.22 -0.83 0.00	16.55 -0.90 0.00	16.93 -1.19 0.00	14.89 -1.17 0.00	16.32 -1.20 0.00	20.72 -1.56 0.00	21.30 -1.51 0.00	21.61 -1.61 0.00	21.17 -1.70 0.00	21.22 -1.61 0.00	19.86 -1.65 0.00	23.21 -1.96 0.00	26.41 -2.26 0.00	26.83 -2.15 0.00	29.22 -2.44 0.00	23.81 -2.04 0.00	25.47 -2.28 0.00	20.57 -1.53 0.00	20.14 -1.17 0.00
EMPIRE_CC_1 323656	16.54 0.33 0.00	15.23 0.33 0.00	10.52 0.22 0.00	11.82 0.24 0.00	12.16 0.24 0.00	13.28 0.23 0.00	17.70 0.25 0.00	18.44 0.32 0.00	16.39 0.33 0.00	17.82 0.29 0.00	22.58 0.30 0.00	23.07 0.27 0.00	23.52 0.30 0.00	23.17 0.30 0.00	23.16 0.32 0.00	21.80 0.29 0.00	25.53 0.36 0.00	29.06 0.39 0.00	29.26 0.28 0.00	32.00 0.34 0.00	26.13 0.28 0.00	28.07 0.32 0.00	22.27 0.17 0.00	21.44 0.13 0.00
EMPIRE_CC_2 323658	16.54 0.33 0.00	15.23 0.33 0.00	10.52 0.22 0.00	11.82 0.24 0.00	12.16 0.24 0.00	13.28 0.23 0.00	17.70 0.25 0.00	18.44 0.32 0.00	16.39 0.33 0.00	17.82 0.29 0.00	22.58 0.30 0.00	23.07 0.27 0.00	23.52 0.30 0.00	23.17 0.30 0.00	23.16 0.32 0.00	21.80 0.29 0.00	25.53 0.36 0.00	29.06 0.39 0.00	29.26 0.28 0.00	32.00 0.34 0.00	26.13 0.28 0.00	28.07 0.32 0.00	22.27 0.17 0.00	21.44 0.13 0.00
ENORWICH_115KV_TB1 80156	16.64 0.43 0.00	15.31 0.41 0.00	10.58 0.29 0.00	11.92 0.34 0.00	12.35 0.43 0.00	13.60 0.55 0.00	18.44 0.99 0.00	19.18 1.06 0.00	16.87 0.81 0.00	18.35 0.83 0.00	23.39 1.11 0.00	23.96 1.15 0.00	24.41 1.19 0.00	24.00 1.14 0.00	24.03 1.20 0.00	22.60 1.08 0.00	26.53 1.36 0.00	30.22 1.55 0.00	30.47 1.49 0.00	33.14 1.48 0.00	27.07 1.22 0.00	28.93 1.18 0.00	22.96 0.85 0.00	22.05 0.74 0.00
ERIE_ST__34_KV_TB1-2 80199	15.29 -0.92 0.00	14.02 -0.88 0.00	9.71 -0.58 0.00	10.97 -0.61 0.00	11.32 -0.60 0.00	12.55 -0.50 0.00	17.00 -0.44 0.00	17.43 -0.69 0.00	15.35 -0.71 0.00	16.82 -0.71 0.00	21.35 -0.93 0.00	21.93 -0.88 0.00	22.23 -1.00 0.00	21.77 -1.10 0.00	21.81 -1.02 0.00	20.43 -1.08 0.00	23.90 -1.27 0.00	27.20 -1.47 0.00	27.64 -1.34 0.00	30.10 -1.56 0.00	24.52 -1.34 0.00	26.23 -1.53 0.00	21.18 -0.92 0.00	20.67 -0.64 0.00
ERIE_WT_PWR 323693	14.99 -1.22 0.00	13.75 -1.15 0.00	9.52 -0.77 0.00	10.76 -0.82 0.00	11.11 -0.81 0.00	12.32 -0.73 0.00	16.69 -0.75 0.00	17.10 -1.03 0.00	15.03 -1.03 0.00	16.48 -1.04 0.00	20.93 -1.35 0.00	21.52 -1.29 0.00	21.82 -1.41 0.00	21.36 -1.51 0.00	21.41 -1.42 0.00	20.05 -1.46 0.00	23.44 -1.73 0.00	26.67 -2.00 0.00	27.12 -1.85 0.00	29.52 -2.14 0.00	24.05 -1.80 0.00	25.73 -2.02 0.00	20.76 -1.34 0.00	20.31 -1.00 0.00
ESPRGFLD_115KV_TB1 80157	16.78 0.57 0.00	15.39 0.49 0.00	10.63 0.33 0.00	11.97 0.39 0.00	12.36 0.44 0.00	13.59 0.54 0.00	18.27 0.82 0.00	18.96 0.84 0.00	16.76 0.70 0.00	18.29 0.77 0.00	23.26 0.98 0.00	23.86 1.05 0.00	24.32 1.09 0.00	23.93 1.06 0.00	23.88 1.05 0.00	22.45 0.93 0.00	26.34 1.16 0.00	30.06 1.39 0.00	30.44 1.46 0.00	33.20 1.54 0.00	27.03 1.17 0.00	29.00 1.24 0.00	23.10 1.00 0.00	22.32 1.01 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	16.18 -0.03 0.00	14.85 -0.05 0.00	10.27 -0.02 0.00	11.56 -0.02 0.00	11.92 0.00 0.00	13.10 0.04 0.00	17.61 0.16 0.00	18.28 0.15 0.00	16.16 0.10 0.00	17.63 0.11 0.00	22.40 0.13 0.00	22.96 0.15 0.00	23.35 0.13 0.00	22.97 0.10 0.00	22.95 0.12 0.00	21.63 0.12 0.00	25.34 0.16 0.00	28.86 0.19 0.00	29.20 0.22 0.00	31.81 0.15 0.00	25.93 0.08 0.00	27.82 0.07 0.00	22.17 0.07 0.00	21.38 0.07 0.00
ETNA____115KV_TB2 80207	16.18 -0.03 0.00	14.85 -0.05 0.00	10.27 -0.02 0.00	11.56 -0.02 0.00	11.92 0.00 0.00	13.10 0.04 0.00	17.61 0.16 0.00	18.28 0.15 0.00	16.16 0.10 0.00	17.63 0.11 0.00	22.40 0.13 0.00	22.96 0.15 0.00	23.35 0.13 0.00	22.97 0.10 0.00	22.95 0.12 0.00	21.63 0.12 0.00	25.34 0.16 0.00	28.86 0.19 0.00	29.20 0.22 0.00	31.81 0.15 0.00	25.93 0.08 0.00	27.82 0.07 0.00	22.17 0.07 0.00	21.38 0.07 0.00
EUCLID____115KV_TB2 356179	15.79 -0.42 0.00	14.51 -0.39 0.00	10.03 -0.27 0.00	11.28 -0.30 0.00	11.63 -0.30 0.00	12.75 -0.31 0.00	17.06 -0.39 0.00	17.69 -0.43 0.00	15.66 -0.39 0.00	17.10 -0.43 0.00	21.70 -0.58 0.00	22.21 -0.60 0.00	22.61 -0.61 0.00	22.26 -0.60 0.00	22.23 -0.61 0.00	20.97 -0.54 0.00	24.51 -0.66 0.00	27.89 -0.78 0.00	28.19 -0.79 0.00	30.76 -0.90 0.00	25.11 -0.75 0.00	27.01 -0.74 0.00	21.57 -0.53 0.00	20.85 -0.46 0.00
E_CANADA_CAP_HY 24051	16.97 0.77 0.00	15.56 0.66 0.00	10.74 0.44 0.00	12.11 0.52 0.00	12.50 0.58 0.00	13.74 0.69 0.00	18.42 0.97 0.00	19.11 0.98 0.00	16.91 0.85 0.00	18.46 0.94 0.00	23.43 1.16 0.00	24.04 1.23 0.00	24.51 1.28 0.00	24.12 1.24 0.00	24.09 1.26 0.00	22.63 1.11 0.00	26.60 1.43 0.00	30.37 1.70 0.00	30.76 1.79 0.00	33.57 1.90 0.00	27.31 1.46 0.00	29.32 1.56 0.00	23.34 1.24 0.00	22.57 1.26 0.00
E_CANADA_MHWK_HY 24050	16.22 0.01 0.00	14.93 0.03 0.00	10.31 0.01 0.00	11.57 0.00 0.00	11.91 -0.01 0.00	13.03 -0.03 0.00	17.43 -0.02 0.00	18.26 0.14 0.00	16.22 0.16 0.00	17.62 0.10 0.00	22.36 0.08 0.00	22.86 0.05 0.00	23.23 0.01 0.00	22.93 0.06 0.00	22.86 0.03 0.00	21.54 0.02 0.00	25.24 0.07 0.00	28.88 0.21 0.00	29.03 0.05 0.00	31.64 -0.02 0.00	25.82 -0.03 0.00	27.60 -0.15 0.00	21.82 -0.28 0.00	20.88 -0.43 0.00
E_FISHKILL__LBMP 23776	16.82 0.61 0.00	15.44 0.55 0.00	10.69 0.39 0.00	11.99 0.41 0.00	12.33 0.41 0.00	13.50 0.45 0.00	18.04 0.59 0.00	18.80 0.68 0.00	16.69 0.63 0.00	18.20 0.68 0.00	23.19 0.91 0.00	23.73 0.92 0.00	24.18 0.95 0.00	23.83 0.96 0.00	23.71 0.88 0.00	22.31 0.80 0.00	26.17 1.00 0.00	29.80 1.13 0.00	30.06 1.08 0.00	32.85 1.19 0.00	26.78 0.92 0.00	28.64 0.89 0.00	22.71 0.61 0.00	21.80 0.49 0.00
FALCON__SEABRD_CC1 323796	16.87 0.66 0.00	15.49 0.59 0.00	10.69 0.39 0.00	12.02 0.44 0.00	12.37 0.44 0.00	13.56 0.51 0.00	18.16 0.71 0.00	18.94 0.82 0.00	16.77 0.71 0.00	18.29 0.77 0.00	23.24 0.96 0.00	23.77 0.96 0.00	24.17 0.95 0.00	23.78 0.91 0.00	23.77 0.94 0.00	22.47 0.95 0.00	26.38 1.21 0.00	30.06 1.38 0.00	30.39 1.41 0.00	33.25 1.58 0.00	27.13 1.27 0.00	29.08 1.33 0.00	23.13 1.03 0.00	22.29 0.98 0.00
FALCON__SEABRD_CC2 323797	16.87 0.66 0.00	15.49 0.59 0.00	10.69 0.39 0.00	12.02 0.44 0.00	12.37 0.44 0.00	13.56 0.51 0.00	18.16 0.71 0.00	18.94 0.82 0.00	16.77 0.71 0.00	18.29 0.77 0.00	23.24 0.96 0.00	23.77 0.96 0.00	24.17 0.95 0.00	23.78 0.91 0.00	23.77 0.94 0.00	22.47 0.95 0.00	26.38 1.21 0.00	30.06 1.38 0.00	30.39 1.41 0.00	33.25 1.58 0.00	27.13 1.27 0.00	29.08 1.33 0.00	23.13 1.03 0.00	22.29 0.98 0.00

FAR ROCKAWAY___4 23548	17.38 1.12 -0.05	16.90 0.99 -1.01	11.22 0.71 -0.22	12.54 0.76 -0.21	12.67 0.75 0.00	13.87 0.82 0.00	18.57 1.12 0.00	19.32 1.20 0.00	28.91 1.13 -11.72	21.50 1.27 -2.70	26.01 1.71 -2.02	34.02 1.77 -9.44	25.02 1.79 0.00	24.67 1.80 0.00	24.46 1.63 0.00	22.94 1.43 0.00	26.96 1.79 0.00	30.77 2.10 0.00	31.00 2.03 0.00	33.85 2.19 0.00	27.58 1.73 0.00	29.48 1.73 0.00	23.35 1.25 0.00	22.37 1.06 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	16.99 0.78 0.00	15.59 0.69 0.00	10.79 0.49 0.00	12.10 0.52 0.00	12.44 0.52 0.00	13.62 0.57 0.00	18.20 0.75 0.00	18.99 0.87 0.00	16.86 0.81 0.00	18.40 0.87 0.00	23.50 1.22 0.00	24.04 1.23 0.00	24.49 1.26 0.00	24.15 1.28 0.00	23.99 1.16 0.00	22.55 1.04 0.00	26.43 1.26 0.00	30.10 1.42 0.00	30.38 1.40 0.00	33.18 1.52 0.00	27.06 1.21 0.00	28.92 1.17 0.00	22.92 0.81 0.00	21.99 0.69 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	17.00 0.79 0.00	15.60 0.70 0.00	10.79 0.50 0.00	12.11 0.53 0.00	12.45 0.53 0.00	13.63 0.58 0.00	18.21 0.76 0.00	19.00 0.88 0.00	16.87 0.82 0.00	18.40 0.87 0.00	23.51 1.23 0.00	24.05 1.24 0.00	24.50 1.27 0.00	24.16 1.29 0.00	24.00 1.17 0.00	22.56 1.05 0.00	26.45 1.28 0.00	30.12 1.45 0.00	30.41 1.43 0.00	33.21 1.54 0.00	27.08 1.23 0.00	28.95 1.20 0.00	22.93 0.83 0.00	22.01 0.70 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	16.99 0.78 0.00	15.58 0.68 0.00	10.78 0.49 0.00	12.09 0.52 0.00	12.44 0.52 0.00	13.62 0.57 0.00	18.19 0.74 0.00	18.98 0.86 0.00	16.86 0.80 0.00	18.38 0.86 0.00	23.49 1.21 0.00	24.03 1.21 0.00	24.48 1.25 0.00	24.13 1.26 0.00	23.98 1.15 0.00	22.54 1.03 0.00	26.42 1.25 0.00	30.08 1.41 0.00	30.38 1.40 0.00	33.16 1.50 0.00	27.05 1.20 0.00	28.91 1.16 0.00	22.91 0.80 0.00	21.98 0.67 0.00
FARRAGUT___LBMP 323566	16.98 0.77 0.00	15.57 0.68 0.00	10.78 0.48 0.00	12.09 0.51 0.00	12.43 0.51 0.00	13.61 0.55 0.00	18.18 0.73 0.00	18.97 0.85 0.00	16.84 0.78 0.00	18.37 0.85 0.00	23.47 1.19 0.00	24.00 1.20 0.00	24.45 1.23 0.00	24.11 1.24 0.00	23.95 1.12 0.00	22.52 1.01 0.00	26.40 1.23 0.00	30.06 1.39 0.00	30.35 1.37 0.00	33.15 1.48 0.00	27.03 1.18 0.00	28.89 1.14 0.00	22.89 0.79 0.00	21.97 0.66 0.00
FENNER___WINDPWR 24204	16.22 0.02 0.00	14.92 0.03 0.00	10.30 0.01 0.00	11.60 0.02 0.00	11.96 0.04 0.00	13.14 0.09 0.00	17.64 0.19 0.00	18.28 0.15 0.00	16.19 0.13 0.00	17.67 0.15 0.00	22.45 0.17 0.00	23.02 0.21 0.00	23.48 0.26 0.00	23.12 0.25 0.00	23.09 0.26 0.00	21.78 0.27 0.00	25.51 0.34 0.00	28.99 0.32 0.00	29.29 0.31 0.00	31.92 0.26 0.00	26.02 0.17 0.00	27.93 0.18 0.00	22.26 0.16 0.00	21.43 0.12 0.00
FIBERTEK___ENERGY 23856	15.94 -0.27 0.00	14.64 -0.26 0.00	10.12 -0.18 0.00	11.39 -0.19 0.00	11.73 -0.19 0.00	12.87 -0.18 0.00	17.24 -0.20 0.00	17.88 -0.24 0.00	15.83 -0.23 0.00	17.28 -0.24 0.00	21.93 -0.35 0.00	22.53 -0.28 0.00	22.93 -0.29 0.00	22.57 -0.30 0.00	22.50 -0.33 0.00	21.20 -0.31 0.00	24.79 -0.38 0.00	28.22 -0.45 0.00	28.52 -0.46 0.00	31.12 -0.55 0.00	25.39 -0.46 0.00	27.31 -0.44 0.00	21.80 -0.30 0.00	21.05 -0.25 0.00
FITZPATRICK___ 23598	15.62 -0.59 0.00	14.36 -0.54 0.00	9.92 -0.37 0.00	11.16 -0.42 0.00	11.50 -0.42 0.00	12.60 -0.46 0.00	16.84 -0.60 0.00	17.45 -0.67 0.00	15.46 -0.60 0.00	16.87 -0.65 0.00	21.40 -0.88 0.00	21.90 -0.91 0.00	22.30 -0.93 0.00	21.95 -0.92 0.00	21.92 -0.91 0.00	20.68 -0.83 0.00	24.16 -1.01 0.00	27.49 -1.18 0.00	27.78 -1.20 0.00	30.33 -1.33 0.00	24.77 -1.08 0.00	26.69 -1.06 0.00	21.33 -0.77 0.00	20.62 -0.69 0.00
FLOWRFLD_69_KV_BK1 356044	17.63 1.35 -0.07	17.08 1.17 -1.01	11.33 0.82 -0.22	12.69 0.91 -0.21	12.81 0.89 0.00	14.02 0.97 0.00	18.77 1.32 0.00	19.50 1.38 0.00	29.12 1.32 -11.74	21.78 1.49 -2.77	26.13 1.83 -2.02	34.16 1.91 -9.44	25.20 1.97 0.00	24.84 1.97 0.00	24.55 1.73 0.00	22.87 1.37 0.00	26.89 1.72 0.00	30.77 2.10 0.00	30.91 1.93 0.00	33.75 2.09 0.00	27.50 1.65 0.00	29.49 1.74 0.00	23.37 1.27 0.00	22.39 1.09 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	17.01 0.80 0.00	15.61 0.71 0.00	10.80 0.50 0.00	12.12 0.54 0.00	12.47 0.55 0.00	13.66 0.61 0.00	18.27 0.82 0.00	19.05 0.93 0.00	16.91 0.85 0.00	18.44 0.92 0.00	23.51 1.23 0.00	24.03 1.22 0.00	24.51 1.28 0.00	24.16 1.29 0.00	24.03 1.20 0.00	22.62 1.11 0.00	26.56 1.39 0.00	30.26 1.59 0.00	30.52 1.55 0.00	33.34 1.68 0.00	27.17 1.32 0.00	29.03 1.28 0.00	23.02 0.92 0.00	22.08 0.77 0.00
FORT ORANGE___ 23900	16.56 0.35 0.00	15.25 0.35 0.00	10.54 0.24 0.00	11.84 0.26 0.00	12.18 0.26 0.00	13.32 0.27 0.00	17.75 0.30 0.00	18.48 0.36 0.00	16.40 0.34 0.00	17.86 0.34 0.00	22.65 0.37 0.00	23.16 0.35 0.00	23.59 0.37 0.00	23.24 0.37 0.00	23.21 0.38 0.00	21.90 0.39 0.00	25.66 0.49 0.00	29.25 0.58 0.00	29.45 0.48 0.00	32.18 0.52 0.00	26.26 0.40 0.00	28.14 0.38 0.00	22.31 0.21 0.00	21.44 0.13 0.00
FORT_DRUM_COGEN 23780	15.79 -0.42 0.00	14.54 -0.36 0.00	10.02 -0.27 0.00	11.32 -0.26 0.00	11.72 -0.20 0.00	12.83 -0.23 0.00	17.27 -0.18 0.00	17.88 -0.24 0.00	15.67 -0.39 0.00	17.04 -0.48 0.00	21.49 -0.79 0.00	22.04 -0.77 0.00	22.88 -0.34 0.00	22.57 -0.30 0.00	22.63 -0.20 0.00	21.45 -0.06 0.00	25.10 -0.06 0.00	28.64 -0.03 0.00	28.95 -0.02 0.00	31.55 -0.11 0.00	25.68 -0.17 0.00	27.56 -0.19 0.00	21.86 -0.25 0.00	21.10 -0.21 0.00
FOX_HILLS___ESR 323835	17.07 0.86 0.00	15.64 0.75 0.00	10.83 0.53 0.00	12.14 0.57 0.00	12.49 0.57 0.00	13.67 0.62 0.00	18.28 0.83 0.00	19.07 0.95 0.00	16.91 0.85 0.00	18.41 0.89 0.00	23.51 1.23 0.00	24.05 1.24 0.00	72.48 1.34 -47.91	46.40 1.34 -22.19	54.56 1.22 -30.51	97.08 1.12 -74.45	34.59 1.35 -8.07	158.93 1.52 -128.74	38.87 1.54 -8.36	89.08 1.65 -55.77	60.55 1.30 -33.40	118.76 1.27 -89.73	23.03 0.91 -0.02	22.13 0.82 0.00
FPL_FAR_ROCK_GT1 24212	17.38 1.12 -0.05	16.90 0.99 -1.01	11.22 0.71 -0.22	12.54 0.76 -0.21	12.67 0.75 0.00	13.87 0.82 0.00	18.57 1.12 0.00	19.32 1.20 0.00	28.91 1.13 -11.72	21.49 1.27 -2.70	26.00 1.71 -2.02	34.02 1.76 -9.44	25.02 1.79 0.00	24.67 1.80 0.00	24.46 1.63 0.00	22.94 1.43 0.00	26.96 1.79 0.00	30.77 2.10 0.00	31.00 2.02 0.00	33.85 2.19 0.00	27.58 1.73 0.00	29.47 1.72 0.00	23.36 1.25 0.00	22.37 1.06 0.00
FPL_FAR_ROCK_GT2 23815	17.38 1.12 -0.05	16.90 0.99 -1.01	11.22 0.71 -0.22	12.54 0.76 -0.21	12.67 0.75 0.00	13.87 0.82 0.00	18.57 1.12 0.00	19.32 1.20 0.00	28.91 1.13 -11.72	21.49 1.27 -2.70	26.00 1.71 -2.02	34.02 1.76 -9.44	25.02 1.79 0.00	24.67 1.80 0.00	24.46 1.63 0.00	22.94 1.43 0.00	26.96 1.79 0.00	30.77 2.10 0.00	31.00 2.02 0.00	33.85 2.19 0.00	27.58 1.73 0.00	29.47 1.72 0.00	23.36 1.25 0.00	22.37 1.06 0.00

FRANKLIN_FALL_HYD 24054	16.67 0.46 0.00	15.31 0.42 0.00	10.56 0.27 0.00	11.89 0.31 0.00	12.24 0.32 0.00	13.43 0.38 0.00	17.99 0.54 0.00	18.72 0.60 0.00	16.57 0.51 0.00	18.17 0.64 0.00	23.11 0.83 0.00	23.64 0.83 0.00	24.04 0.81 0.00	23.63 0.76 0.00	23.63 0.81 0.00	22.31 0.80 0.00	26.16 0.99 0.00	29.84 1.17 0.00	30.28 1.31 0.00	33.14 1.48 0.00	27.06 1.21 0.00	28.98 1.23 0.00	23.05 0.95 0.00	22.18 0.87 0.00
FREEPORT_EQUS_GT1 23764	17.34 1.08 -0.05	16.86 0.95 -1.01	11.18 0.67 -0.22	12.51 0.73 -0.21	12.64 0.71 0.00	13.83 0.77 0.00	18.50 1.05 0.00	19.25 1.13 0.00	28.85 1.06 -11.72	21.42 1.19 -2.70	25.91 1.62 -2.02	33.93 1.67 -9.44	24.92 1.69 0.00	24.57 1.70 0.00	24.36 1.53 0.00	22.83 1.32 0.00	26.83 1.66 0.00	30.65 1.98 0.00	30.85 1.87 0.00	33.70 2.04 0.00	27.45 1.59 0.00	29.35 1.60 0.00	23.25 1.15 0.00	22.27 0.96 0.00
FREEPORT___CT2 23818	17.34 1.08 -0.05	16.86 0.95 -1.01	11.18 0.67 -0.22	12.51 0.73 -0.21	12.64 0.71 0.00	13.83 0.77 0.00	18.50 1.05 0.00	19.25 1.13 0.00	28.85 1.06 -11.72	21.42 1.19 -2.70	25.91 1.62 -2.02	33.93 1.67 -9.44	24.92 1.69 0.00	24.57 1.70 0.00	24.36 1.53 0.00	22.83 1.32 0.00	26.83 1.66 0.00	30.65 1.98 0.00	30.85 1.87 0.00	33.70 2.04 0.00	27.45 1.59 0.00	29.35 1.60 0.00	23.25 1.15 0.00	22.27 0.96 0.00
FRESHKLS_33_KV_LOAD 356253	17.05 0.84 0.00	15.62 0.73 0.00	10.82 0.52 0.00	12.13 0.56 0.00	12.48 0.56 0.00	13.66 0.61 0.00	18.27 0.82 0.00	19.06 0.94 0.00	16.88 0.82 0.00	18.36 0.84 0.00	23.44 1.16 0.00	23.98 1.17 0.00	72.43 1.30 -47.91	46.36 1.30 -22.19	54.53 1.19 -30.51	97.04 1.09 -74.45	34.56 1.32 -8.07	158.89 1.48 -128.74	38.84 1.51 -8.36	89.06 1.62 -55.77	60.52 1.27 -33.40	118.72 1.24 -89.73	23.01 0.89 -0.02	22.11 0.80 0.00
FULTON COGEN____ 23766	15.71 -0.50 0.00	14.44 -0.46 0.00	9.98 -0.31 0.00	11.24 -0.34 0.00	11.58 -0.34 0.00	12.69 -0.36 0.00	16.98 -0.46 0.00	17.61 -0.52 0.00	15.59 -0.47 0.00	17.01 -0.51 0.00	21.59 -0.69 0.00	22.09 -0.72 0.00	22.49 -0.74 0.00	22.15 -0.72 0.00	22.12 -0.71 0.00	20.89 -0.62 0.00	24.42 -0.76 0.00	27.79 -0.88 0.00	28.05 -0.93 0.00	30.63 -1.04 0.00	25.00 -0.85 0.00	26.91 -0.84 0.00	21.49 -0.61 0.00	20.76 -0.55 0.00
FULTON___LFGE 323630	17.55 1.34 0.00	16.10 1.20 0.00	11.12 0.83 0.00	12.53 0.95 0.00	12.93 1.01 0.00	14.23 1.18 0.00	19.15 1.70 0.00	19.97 1.85 0.00	17.68 1.62 0.00	19.26 1.73 0.00	24.43 2.15 0.00	25.03 2.22 0.00	25.45 2.22 0.00	25.12 2.25 0.00	25.16 2.34 0.00	23.74 2.23 0.00	28.05 2.88 0.00	32.04 3.37 0.00	32.40 3.42 0.00	35.27 3.61 0.00	28.63 2.78 0.00	30.64 2.88 0.00	24.30 2.20 0.00	23.33 2.02 0.00
G.F.CEMENT___DRP 24184	16.97 0.76 0.00	15.60 0.70 0.00	10.76 0.46 0.00	12.09 0.52 0.00	12.46 0.54 0.00	13.69 0.64 0.00	18.32 0.87 0.00	19.17 1.04 0.00	17.07 1.01 0.00	18.60 1.08 0.00	23.73 1.45 0.00	24.24 1.43 0.00	24.66 1.43 0.00	24.29 1.43 0.00	24.28 1.45 0.00	22.90 1.39 0.00	26.97 1.80 0.00	30.75 2.08 0.00	30.92 1.95 0.00	33.76 2.09 0.00	27.38 1.53 0.00	29.32 1.57 0.00	23.19 1.09 0.00	22.22 0.91 0.00
GARDENVILLE___LBMP 24039	14.92 -1.29 0.00	13.68 -1.22 0.00	9.48 -0.81 0.00	10.71 -0.87 0.00	11.05 -0.86 0.00	12.26 -0.79 0.00	16.62 -0.83 0.00	17.01 -1.11 0.00	14.96 -1.10 0.00	16.39 -1.13 0.00	20.81 -1.47 0.00	21.39 -1.42 0.00	21.71 -1.52 0.00	21.26 -1.61 0.00	21.31 -1.52 0.00	19.95 -1.56 0.00	23.32 -1.85 0.00	26.55 -2.13 0.00	26.98 -2.00 0.00	29.38 -2.29 0.00	23.94 -1.91 0.00	25.61 -2.14 0.00	20.68 -1.42 0.00	20.23 -1.08 0.00
GARDNVLA_35_KV_LD 355827	14.99 -1.22 0.00	13.75 -1.15 0.00	9.52 -0.77 0.00	10.76 -0.82 0.00	11.11 -0.81 0.00	12.32 -0.73 0.00	16.69 -0.76 0.00	17.10 -1.03 0.00	15.03 -1.02 0.00	16.49 -1.04 0.00	20.93 -1.35 0.00	21.53 -1.28 0.00	21.83 -1.40 0.00	21.38 -1.50 0.00	21.42 -1.41 0.00	20.06 -1.45 0.00	23.45 -1.72 0.00	26.69 -1.98 0.00	27.12 -1.86 0.00	29.55 -2.12 0.00	24.07 -1.78 0.00	25.74 -2.01 0.00	20.77 -1.33 0.00	20.32 -1.00 0.00
GELCKHM___115KV_LOAD 80723	15.84 -0.37 0.00	14.56 -0.34 0.00	10.06 -0.23 0.00	11.32 -0.25 0.00	11.67 -0.25 0.00	12.79 -0.26 0.00	17.13 -0.32 0.00	17.76 -0.36 0.00	15.73 -0.33 0.00	17.17 -0.35 0.00	21.79 -0.49 0.00	22.34 -0.47 0.00	22.74 -0.49 0.00	22.39 -0.48 0.00	22.34 -0.49 0.00	21.06 -0.45 0.00	24.63 -0.55 0.00	28.03 -0.65 0.00	28.32 -0.65 0.00	30.89 -0.77 0.00	25.22 -0.63 0.00	27.14 -0.62 0.00	21.66 -0.44 0.00	20.93 -0.38 0.00
GENERAL___MILLS 23808	14.98 -1.23 0.00	13.73 -1.16 0.00	9.52 -0.78 0.00	10.75 -0.83 0.00	11.10 -0.82 0.00	12.31 -0.74 0.00	16.67 -0.77 0.00	17.08 -1.05 0.00	15.02 -1.04 0.00	16.47 -1.06 0.00	20.91 -1.37 0.00	21.50 -1.31 0.00	21.80 -1.43 0.00	21.34 -1.53 0.00	21.40 -1.43 0.00	20.03 -1.48 0.00	23.42 -1.75 0.00	26.64 -2.02 0.00	27.08 -1.90 0.00	29.50 -2.16 0.00	24.04 -1.81 0.00	25.71 -2.04 0.00	20.75 -1.35 0.00	20.29 -1.01 0.00
GE_PLASTICS___DRP 24183	16.51 0.30 0.00	15.20 0.30 0.00	10.50 0.21 0.00	11.80 0.23 0.00	12.14 0.22 0.00	13.27 0.22 0.00	17.69 0.24 0.00	18.42 0.30 0.00	16.34 0.28 0.00	17.81 0.28 0.00	22.61 0.33 0.00	23.12 0.31 0.00	23.55 0.32 0.00	23.21 0.34 0.00	23.16 0.33 0.00	21.84 0.32 0.00	25.57 0.40 0.00	29.13 0.46 0.00	29.36 0.38 0.00	32.08 0.42 0.00	26.18 0.33 0.00	28.06 0.31 0.00	22.28 0.17 0.00	21.42 0.11 0.00
GILBOA___1 23756	16.57 0.36 0.00	15.23 0.33 0.00	10.53 0.23 0.00	11.83 0.25 0.00	12.17 0.25 0.00	13.28 0.23 0.00	17.75 0.30 0.00	18.48 0.35 0.00	16.38 0.32 0.00	17.86 0.34 0.00	22.72 0.44 0.00	23.24 0.44 0.00	23.68 0.45 0.00	23.33 0.46 0.00	23.25 0.42 0.00	21.91 0.40 0.00	25.67 0.50 0.00	29.23 0.56 0.00	29.49 0.52 0.00	32.22 0.56 0.00	26.29 0.44 0.00	28.17 0.41 0.00	22.37 0.27 0.00	21.53 0.22 0.00
GILBOA___2 23757	16.57 0.36 0.00	15.23 0.33 0.00	10.53 0.23 0.00	11.83 0.25 0.00	12.17 0.25 0.00	13.28 0.23 0.00	17.75 0.30 0.00	18.48 0.35 0.00	16.38 0.32 0.00	17.86 0.34 0.00	22.72 0.44 0.00	23.24 0.44 0.00	23.68 0.45 0.00	23.33 0.46 0.00	23.25 0.42 0.00	21.91 0.40 0.00	25.67 0.50 0.00	29.23 0.56 0.00	29.49 0.52 0.00	32.22 0.56 0.00	26.29 0.44 0.00	28.17 0.41 0.00	22.37 0.27 0.00	21.53 0.22 0.00
GILBOA___3 23758	16.57 0.36 0.00	15.23 0.33 0.00	10.53 0.23 0.00	11.83 0.25 0.00	12.17 0.25 0.00	13.28 0.23 0.00	17.75 0.30 0.00	18.48 0.35 0.00	16.38 0.32 0.00	17.86 0.34 0.00	22.72 0.44 0.00	23.24 0.44 0.00	23.68 0.45 0.00	23.33 0.46 0.00	23.25 0.42 0.00	21.91 0.40 0.00	25.67 0.50 0.00	29.23 0.56 0.00	29.49 0.52 0.00	32.22 0.56 0.00	26.29 0.44 0.00	28.17 0.41 0.00	22.37 0.27 0.00	21.53 0.22 0.00

GILBOA___4 23759	16.57 0.36 0.00	15.23 0.33 0.00	10.53 0.23 0.00	11.83 0.25 0.00	12.17 0.25 0.00	13.28 0.23 0.00	17.75 0.30 0.00	18.48 0.35 0.00	16.38 0.32 0.00	17.86 0.34 0.00	22.72 0.44 0.00	23.24 0.44 0.00	23.68 0.45 0.00	23.33 0.46 0.00	23.25 0.42 0.00	21.91 0.40 0.00	25.67 0.50 0.00	29.23 0.56 0.00	29.49 0.52 0.00	32.22 0.56 0.00	26.29 0.44 0.00	28.17 0.41 0.00	22.37 0.27 0.00	21.53 0.22 0.00
GILBOA____ 23599	16.57 0.36 0.00	15.23 0.33 0.00	10.53 0.23 0.00	11.83 0.25 0.00	12.17 0.25 0.00	13.28 0.23 0.00	17.75 0.30 0.00	18.48 0.35 0.00	16.38 0.32 0.00	17.86 0.34 0.00	22.72 0.44 0.00	23.25 0.44 0.00	23.68 0.45 0.00	23.32 0.46 0.00	23.25 0.42 0.00	21.91 0.40 0.00	25.67 0.50 0.00	29.24 0.57 0.00	29.50 0.52 0.00	32.22 0.56 0.00	26.29 0.44 0.00	28.16 0.41 0.00	22.37 0.27 0.00	21.53 0.22 0.00
GINNA____ 23603	14.75 -1.46 0.00	13.53 -1.37 0.00	9.36 -0.93 0.00	10.56 -1.02 0.00	10.89 -1.03 0.00	12.01 -1.04 0.00	16.16 -1.28 0.00	16.70 -1.43 0.00	14.76 -1.30 0.00	16.14 -1.38 0.00	20.49 -1.79 0.00	21.02 -1.79 0.00	21.38 -1.84 0.00	21.01 -1.86 0.00	21.01 -1.82 0.00	19.75 -1.76 0.00	23.11 -2.06 0.00	26.27 -2.40 0.00	26.60 -2.37 0.00	28.98 -2.68 0.00	23.62 -2.23 0.00	25.31 -2.44 0.00	20.26 -1.84 0.00	19.67 -1.64 0.00
GLEN PARK____ 23778	15.79 -0.42 0.00	14.53 -0.36 0.00	10.02 -0.27 0.00	11.32 -0.26 0.00	11.72 -0.20 0.00	12.83 -0.22 0.00	17.28 -0.16 0.00	17.91 -0.21 0.00	15.70 -0.36 0.00	17.07 -0.45 0.00	21.52 -0.76 0.00	22.05 -0.76 0.00	22.91 -0.32 0.00	22.60 -0.27 0.00	22.64 -0.19 0.00	21.48 -0.03 0.00	25.16 -0.01 0.00	28.70 0.03 0.00	29.02 0.05 0.00	31.61 -0.05 0.00	25.73 -0.12 0.00	27.60 -0.15 0.00	21.87 -0.23 0.00	21.11 -0.20 0.00
GLENDALE_27_KV_LOAD 356172	17.10 0.89 0.00	15.68 0.78 0.00	10.85 0.55 0.00	12.17 0.59 0.00	12.51 0.59 0.00	13.69 0.64 0.00	18.30 0.85 0.00	19.11 0.98 0.00	16.97 0.91 0.00	18.51 0.98 0.00	23.64 1.36 0.00	24.18 1.37 0.00	24.63 1.41 0.00	24.30 1.42 0.00	24.12 1.29 0.00	22.68 1.16 0.00	26.59 1.42 0.00	30.26 1.60 0.00	30.57 1.60 0.00	33.39 1.73 0.00	27.22 1.37 0.00	29.10 1.35 0.00	23.04 0.94 0.00	22.13 0.82 0.00
GLENWOOD_IC_1_G5 23712	17.31 1.05 -0.05	16.84 0.92 -1.01	11.17 0.66 -0.22	12.50 0.71 -0.21	12.62 0.70 0.00	13.81 0.76 0.00	18.48 1.03 0.00	19.23 1.11 0.00	28.84 1.06 -11.72	21.41 1.19 -2.70	25.89 1.59 -2.02	33.90 1.65 -9.44	24.90 1.67 0.00	24.54 1.67 0.00	24.33 1.51 0.00	22.82 1.31 0.00	26.82 1.65 0.00	30.60 1.93 0.00	30.81 1.83 0.00	33.65 1.98 0.00	27.40 1.55 0.00	29.31 1.56 0.00	23.22 1.12 0.00	22.25 0.94 0.00
GLENWOOD_IC_2_G1 23688	17.27 1.00 -0.05	16.80 0.89 -1.01	11.14 0.63 -0.22	12.47 0.68 -0.21	12.59 0.67 0.00	13.78 0.73 0.00	18.43 0.99 0.00	19.18 1.06 0.00	28.79 1.01 -11.72	21.35 1.13 -2.70	25.81 1.51 -2.02	33.82 1.56 -9.44	24.82 1.59 0.00	24.47 1.60 0.00	24.26 1.43 0.00	22.75 1.24 0.00	26.73 1.56 0.00	30.50 1.82 0.00	30.71 1.73 0.00	33.54 1.88 0.00	27.32 1.47 0.00	29.22 1.47 0.00	23.16 1.06 0.00	22.20 0.89 0.00
GLENWOOD_IC_3_G1 23689	17.27 1.00 -0.05	16.80 0.89 -1.01	11.14 0.63 -0.22	12.47 0.68 -0.21	12.59 0.67 0.00	13.78 0.73 0.00	18.43 0.99 0.00	19.18 1.06 0.00	28.79 1.01 -11.72	21.35 1.13 -2.70	25.81 1.51 -2.02	33.82 1.56 -9.44	24.82 1.59 0.00	24.47 1.60 0.00	24.26 1.43 0.00	22.75 1.24 0.00	26.73 1.56 0.00	30.50 1.82 0.00	30.71 1.73 0.00	33.54 1.88 0.00	27.32 1.47 0.00	29.22 1.47 0.00	23.16 1.06 0.00	22.20 0.89 0.00
GLENWOOD___4 23550	17.31 1.05 -0.05	16.84 0.92 -1.01	11.17 0.66 -0.22	12.50 0.71 -0.21	12.62 0.70 0.00	13.81 0.76 0.00	18.48 1.03 0.00	19.23 1.11 0.00	28.84 1.06 -11.72	21.41 1.19 -2.70	25.89 1.59 -2.02	33.90 1.65 -9.44	24.90 1.67 0.00	24.54 1.67 0.00	24.33 1.51 0.00	22.82 1.31 0.00	26.82 1.65 0.00	30.60 1.93 0.00	30.81 1.83 0.00	33.65 1.98 0.00	27.40 1.55 0.00	29.31 1.56 0.00	23.22 1.12 0.00	22.25 0.94 0.00
GLENWOOD___5 23614	17.31 1.05 -0.05	16.84 0.92 -1.01	11.17 0.66 -0.22	12.50 0.71 -0.21	12.62 0.70 0.00	13.81 0.76 0.00	18.48 1.03 0.00	19.23 1.11 0.00	28.84 1.06 -11.72	21.41 1.19 -2.70	25.89 1.59 -2.02	33.90 1.65 -9.44	24.90 1.67 0.00	24.54 1.67 0.00	24.33 1.51 0.00	22.82 1.31 0.00	26.82 1.65 0.00	30.60 1.93 0.00	30.81 1.83 0.00	33.65 1.98 0.00	27.40 1.55 0.00	29.31 1.56 0.00	23.22 1.12 0.00	22.25 0.94 0.00
GLOBAL GREEN_PORT_GT1 23814	18.18 1.90 -0.07	17.58 1.67 -1.01	11.67 1.16 -0.22	13.09 1.30 -0.21	13.23 1.31 0.00	14.50 1.44 0.00	19.41 1.96 0.00	20.15 2.03 0.00	29.73 1.93 -11.74	22.37 2.09 -2.76	26.75 2.45 -2.02	34.75 2.50 -9.44	25.86 2.64 0.00	25.50 2.63 0.00	25.17 2.34 0.00	23.32 1.81 0.00	27.43 2.27 0.00	31.44 2.76 0.00	31.56 2.58 0.00	34.48 2.82 0.00	28.13 2.28 0.00	30.21 2.46 0.00	23.91 1.81 0.00	22.90 1.59 0.00
GLOBE___DSASP 323697	14.45 -1.76 0.00	13.26 -1.64 0.00	9.18 -1.11 0.00	10.39 -1.19 0.00	10.72 -1.20 0.00	11.88 -1.18 0.00	16.05 -1.40 0.00	16.37 -1.75 0.00	14.33 -1.73 0.00	15.70 -1.82 0.00	19.93 -2.35 0.00	20.48 -2.33 0.00	20.77 -2.45 0.00	20.33 -2.54 0.00	20.39 -2.44 0.00	19.08 -2.44 0.00	22.27 -2.90 0.00	25.29 -3.38 0.00	25.68 -3.29 0.00	27.99 -3.67 0.00	22.84 -3.01 0.00	24.43 -3.32 0.00	19.84 -2.27 0.00	19.54 -1.77 0.00
GOETHSLN___LBMP 323567	16.89 0.69 0.00	15.49 0.60 0.00	10.73 0.44 0.00	12.04 0.45 0.00	12.37 0.45 0.00	13.54 0.49 0.00	18.10 0.65 0.00	18.89 0.76 0.00	16.76 0.71 0.00	18.28 0.75 0.00	23.34 1.06 0.00	23.88 1.07 0.00	24.33 1.10 0.00	23.99 1.12 0.00	23.82 0.99 0.00	22.40 0.89 0.00	26.26 1.09 0.00	29.90 1.23 0.00	30.20 1.22 0.00	32.97 1.31 0.00	26.91 1.06 0.00	28.76 1.01 0.00	22.78 0.68 0.00	21.86 0.55 0.00
GOLAH___69_KV_TB 1_2 80279	15.34 -0.87 0.00	14.07 -0.82 0.00	9.74 -0.56 0.00	10.99 -0.59 0.00	11.34 -0.58 0.00	12.53 -0.52 0.00	16.91 -0.53 0.00	17.42 -0.70 0.00	15.38 -0.68 0.00	16.82 -0.70 0.00	21.34 -0.94 0.00	21.91 -0.91 0.00	22.27 -0.96 0.00	21.86 -1.01 0.00	21.87 -0.96 0.00	20.55 -0.96 0.00	24.03 -1.14 0.00	27.36 -1.31 0.00	27.73 -1.25 0.00	30.21 -1.46 0.00	24.61 -1.24 0.00	26.34 -1.41 0.00	21.15 -0.95 0.00	20.58 -0.73 0.00
GOODYEAR_LAKE_HYD 323669	16.63 0.42 0.00	15.27 0.37 0.00	10.56 0.27 0.00	11.88 0.30 0.00	12.25 0.33 0.00	13.44 0.38 0.00	18.04 0.59 0.00	18.76 0.64 0.00	16.60 0.54 0.00	18.11 0.58 0.00	23.03 0.75 0.00	23.59 0.78 0.00	24.04 0.81 0.00	23.66 0.80 0.00	23.60 0.77 0.00	22.22 0.70 0.00	26.02 0.85 0.00	29.68 1.01 0.00	30.00 1.03 0.00	32.73 1.07 0.00	26.67 0.81 0.00	28.58 0.83 0.00	22.72 0.62 0.00	21.90 0.59 0.00

GOUDEY___115_KV_TB6_REV_LBMP_C 345031	15.98 -0.23 0.00	14.68 -0.22 0.00	10.16 -0.14 0.00	11.41 -0.16 0.00	11.77 -0.15 0.00	12.93 -0.13 0.00	17.39 -0.06 0.00	18.04 -0.08 0.00	15.93 -0.12 0.00	17.38 -0.14 0.00	22.07 -0.21 0.00	22.63 -0.18 0.00	23.02 -0.21 0.00	22.65 -0.22 0.00	22.61 -0.22 0.00	21.29 -0.22 0.00	24.91 -0.26 0.00	28.39 -0.28 0.00	28.75 -0.23 0.00	31.35 -0.31 0.00	25.55 -0.30 0.00	27.41 -0.34 0.00	21.86 -0.24 0.00	21.08 -0.23 0.00
GOUDEY___7 23579	15.99 -0.22 0.00	14.69 -0.21 0.00	10.17 -0.13 0.00	11.42 -0.15 0.00	11.78 -0.14 0.00	12.94 -0.11 0.00	17.40 -0.05 0.00	18.06 -0.06 0.00	15.95 -0.11 0.00	17.40 -0.12 0.00	22.09 -0.19 0.00	22.66 -0.15 0.00	23.04 -0.19 0.00	22.67 -0.20 0.00	22.63 -0.20 0.00	21.31 -0.20 0.00	24.93 -0.24 0.00	28.42 -0.25 0.00	28.77 -0.20 0.00	31.38 -0.28 0.00	25.57 -0.28 0.00	27.43 -0.32 0.00	21.88 -0.22 0.00	21.09 -0.21 0.00
GOUDEY___8 23580	15.98 -0.23 0.00	14.68 -0.22 0.00	10.16 -0.14 0.00	11.41 -0.16 0.00	11.77 -0.15 0.00	12.93 -0.13 0.00	17.39 -0.06 0.00	18.04 -0.08 0.00	15.93 -0.12 0.00	17.38 -0.14 0.00	22.07 -0.21 0.00	22.63 -0.18 0.00	23.02 -0.21 0.00	22.65 -0.22 0.00	22.61 -0.22 0.00	21.29 -0.22 0.00	24.91 -0.26 0.00	28.39 -0.28 0.00	28.75 -0.23 0.00	31.35 -0.31 0.00	25.55 -0.30 0.00	27.41 -0.34 0.00	21.86 -0.24 0.00	21.08 -0.23 0.00
GOWANUS_GT1_1 24077	17.11 0.90 0.00	15.68 0.78 0.00	10.85 0.56 0.00	12.17 0.59 0.00	12.51 0.59 0.00	13.70 0.64 0.00	18.31 0.87 0.00	19.11 0.99 0.00	16.95 0.90 0.00	18.48 0.96 0.00	23.61 1.33 0.00	24.15 1.34 0.00	72.55 1.41 -47.91	46.48 1.42 -22.19	54.63 1.29 -30.51	97.14 1.18 -74.45	34.67 1.43 -8.07	159.00 1.60 -128.74	38.94 1.61 -8.36	89.17 1.74 -55.77	60.63 1.38 -33.40	118.83 1.35 -89.73	23.09 0.96 -0.02	22.17 0.86 0.00
GOWANUS_GT1_2 24078	17.11 0.90 0.00	15.68 0.78 0.00	10.85 0.56 0.00	12.17 0.59 0.00	12.51 0.59 0.00	13.70 0.64 0.00	18.31 0.87 0.00	19.11 0.99 0.00	16.95 0.90 0.00	18.48 0.96 0.00	23.61 1.33 0.00	24.15 1.34 0.00	72.55 1.41 -47.91	46.48 1.42 -22.19	54.63 1.29 -30.51	97.14 1.18 -74.45	34.67 1.43 -8.07	159.00 1.60 -128.74	38.94 1.61 -8.36	89.17 1.74 -55.77	60.63 1.38 -33.40	118.83 1.35 -89.73	23.09 0.96 -0.02	22.17 0.86 0.00
GOWANUS_GT1_3 24079	17.11 0.90 0.00	15.68 0.78 0.00	10.85 0.56 0.00	12.17 0.59 0.00	12.51 0.59 0.00	13.70 0.64 0.00	18.31 0.87 0.00	19.11 0.99 0.00	16.95 0.90 0.00	18.48 0.96 0.00	23.61 1.33 0.00	24.15 1.34 0.00	72.55 1.41 -47.91	46.48 1.42 -22.19	54.63 1.29 -30.51	97.14 1.18 -74.45	34.67 1.43 -8.07	159.00 1.60 -128.74	38.94 1.61 -8.36	89.17 1.74 -55.77	60.63 1.38 -33.40	118.83 1.35 -89.73	23.09 0.96 -0.02	22.17 0.86 0.00
GOWANUS_GT1_4 24080	17.11 0.90 0.00	15.68 0.78 0.00	10.85 0.56 0.00	12.17 0.59 0.00	12.51 0.59 0.00	13.70 0.64 0.00	18.31 0.87 0.00	19.11 0.99 0.00	16.95 0.90 0.00	18.48 0.96 0.00	23.61 1.33 0.00	24.15 1.34 0.00	72.55 1.41 -47.91	46.48 1.42 -22.19	54.63 1.29 -30.51	97.14 1.18 -74.45	34.67 1.43 -8.07	159.00 1.60 -128.74	38.94 1.61 -8.36	89.17 1.74 -55.77	60.63 1.38 -33.40	118.83 1.35 -89.73	23.09 0.96 -0.02	22.17 0.86 0.00
GOWANUS_GT1_5 24084	17.11 0.90 0.00	15.68 0.78 0.00	10.85 0.56 0.00	12.17 0.59 0.00	12.51 0.59 0.00	13.70 0.64 0.00	18.31 0.87 0.00	19.11 0.99 0.00	16.95 0.90 0.00	18.48 0.96 0.00	23.61 1.33 0.00	24.15 1.34 0.00	72.55 1.41 -47.91	46.48 1.42 -22.19	54.63 1.29 -30.51	97.14 1.18 -74.45	34.67 1.43 -8.07	159.00 1.60 -128.74	38.94 1.61 -8.36	89.17 1.74 -55.77	60.63 1.38 -33.40	118.83 1.35 -89.73	23.09 0.96 -0.02	22.17 0.86 0.00
GOWANUS_GT1_6 24111	17.11 0.90 0.00	15.68 0.78 0.00	10.85 0.56 0.00	12.17 0.59 0.00	12.51 0.59 0.00	13.70 0.64 0.00	18.31 0.87 0.00	19.11 0.99 0.00	16.95 0.90 0.00	18.48 0.96 0.00	23.61 1.33 0.00	24.15 1.34 0.00	72.55 1.41 -47.91	46.48 1.42 -22.19	54.63 1.29 -30.51	97.14 1.18 -74.45	34.67 1.43 -8.07	159.00 1.60 -128.74	38.94 1.61 -8.36	89.17 1.74 -55.77	60.63 1.38 -33.40	118.83 1.35 -89.73	23.09 0.96 -0.02	22.17 0.86 0.00
GOWANUS_GT1_7 24112	17.11 0.90 0.00	15.68 0.78 0.00	10.85 0.56 0.00	12.17 0.59 0.00	12.51 0.59 0.00	13.70 0.64 0.00	18.31 0.87 0.00	19.11 0.99 0.00	16.95 0.90 0.00	18.48 0.96 0.00	23.61 1.33 0.00	24.15 1.34 0.00	72.55 1.41 -47.91	46.48 1.42 -22.19	54.63 1.29 -30.51	97.14 1.18 -74.45	34.67 1.43 -8.07	159.00 1.60 -128.74	38.94 1.61 -8.36	89.17 1.74 -55.77	60.63 1.38 -33.40	118.83 1.35 -89.73	23.09 0.96 -0.02	22.17 0.86 0.00
GOWANUS_GT1_8 24113	17.11 0.90 0.00	15.68 0.78 0.00	10.85 0.56 0.00	12.17 0.59 0.00	12.51 0.59 0.00	13.70 0.64 0.00	18.31 0.87 0.00	19.11 0.99 0.00	16.95 0.90 0.00	18.48 0.96 0.00	23.61 1.33 0.00	24.15 1.34 0.00	72.55 1.41 -47.91	46.48 1.42 -22.19	54.63 1.29 -30.51	97.14 1.18 -74.45	34.67 1.43 -8.07	159.00 1.60 -128.74	38.94 1.61 -8.36	89.17 1.74 -55.77	60.63 1.38 -33.40	118.83 1.35 -89.73	23.09 0.96 -0.02	22.17 0.86 0.00
GOWANUS_GT2_1 24114	17.10 0.89 0.00	15.67 0.78 0.00	10.85 0.55 0.00	12.17 0.59 0.00	12.51 0.59 0.00	13.69 0.64 0.00	18.31 0.87 0.00	19.11 0.99 0.00	16.95 0.90 0.00	18.48 0.95 0.00	23.61 1.33 0.00	24.15 1.34 0.00	72.56 1.42 -47.91	46.48 1.42 -22.19	54.63 1.29 -30.51	97.14 1.18 -74.45	34.67 1.42 -8.07	159.02 1.62 -128.74	38.94 1.60 -8.36	89.17 1.74 -55.77	60.63 1.38 -33.40	118.83 1.35 -89.73	23.09 0.97 -0.02	22.17 0.86 0.00
GOWANUS_GT2_2 24115	17.10 0.89 0.00	15.67 0.78 0.00	10.85 0.55 0.00	12.17 0.59 0.00	12.51 0.59 0.00	13.69 0.64 0.00	18.31 0.87 0.00	19.11 0.99 0.00	16.95 0.90 0.00	18.48 0.95 0.00	23.61 1.33 0.00	24.15 1.34 0.00	72.56 1.42 -47.91	46.48 1.42 -22.19	54.63 1.29 -30.51	97.14 1.18 -74.45	34.67 1.42 -8.07	159.02 1.62 -128.74	38.94 1.60 -8.36	89.17 1.74 -55.77	60.63 1.38 -33.40	118.83 1.35 -89.73	23.09 0.97 -0.02	22.17 0.86 0.00
GOWANUS_GT2_3 24116	17.10 0.89 0.00	15.67 0.78 0.00	10.85 0.55 0.00	12.17 0.59 0.00	12.51 0.59 0.00	13.69 0.64 0.00	18.31 0.87 0.00	19.11 0.99 0.00	16.95 0.90 0.00	18.48 0.95 0.00	23.61 1.33 0.00	24.15 1.34 0.00	72.56 1.42 -47.91	46.48 1.42 -22.19	54.63 1.29 -30.51	97.14 1.18 -74.45	34.67 1.42 -8.07	159.02 1.62 -128.74	38.94 1.60 -8.36	89.17 1.74 -55.77	60.63 1.38 -33.40	118.83 1.35 -89.73	23.09 0.97 -0.02	22.17 0.86 0.00
GOWANUS_GT2_4 24117	17.10 0.89 0.00	15.67 0.78 0.00	10.85 0.55 0.00	12.17 0.59 0.00	12.51 0.59 0.00	13.69 0.64 0.00	18.31 0.87 0.00	19.11 0.99 0.00	16.95 0.90 0.00	18.48 0.95 0.00	23.61 1.33 0.00	24.15 1.34 0.00	72.56 1.42 -47.91	46.48 1.42 -22.19	54.63 1.29 -30.51	97.14 1.18 -74.45	34.67 1.42 -8.07	159.02 1.62 -128.74	38.94 1.60 -8.36	89.17 1.74 -55.77	60.63 1.38 -33.40	118.83 1.35 -89.73	23.09 0.97 -0.02	22.17 0.86 0.00

GOWANUS_GT2_5 24118	17.10 0.89 0.00	15.67 0.78 0.00	10.85 0.55 0.00	12.17 0.59 0.00	12.51 0.59 0.00	13.69 0.64 0.00	18.31 0.87 0.00	19.11 0.99 0.00	16.95 0.90 0.00	18.48 0.95 0.00	23.61 1.33 0.00	24.15 1.34 0.00	72.56 1.42 -47.91	46.48 1.42 -22.19	54.63 1.29 -30.51	97.14 1.18 -74.45	34.67 1.42 -8.07	159.02 1.62 -128.74	38.94 1.60 -8.36	89.17 1.74 -55.77	60.63 1.38 -33.40	118.83 1.35 -89.73	23.09 0.97 -0.02	22.17 0.86 0.00
GOWANUS_GT2_6 24119	17.10 0.89 0.00	15.67 0.78 0.00	10.85 0.55 0.00	12.17 0.59 0.00	12.51 0.59 0.00	13.69 0.64 0.00	18.31 0.87 0.00	19.11 0.99 0.00	16.95 0.90 0.00	18.48 0.95 0.00	23.61 1.33 0.00	24.15 1.34 0.00	72.56 1.42 -47.91	46.48 1.42 -22.19	54.63 1.29 -30.51	97.14 1.18 -74.45	34.67 1.42 -8.07	159.02 1.62 -128.74	38.94 1.60 -8.36	89.17 1.74 -55.77	60.63 1.38 -33.40	118.83 1.35 -89.73	23.09 0.97 -0.02	22.17 0.86 0.00
GOWANUS_GT2_7 24120	17.10 0.89 0.00	15.67 0.78 0.00	10.85 0.55 0.00	12.17 0.59 0.00	12.51 0.59 0.00	13.69 0.64 0.00	18.31 0.87 0.00	19.11 0.99 0.00	16.95 0.90 0.00	18.48 0.95 0.00	23.61 1.33 0.00	24.15 1.34 0.00	72.56 1.42 -47.91	46.48 1.42 -22.19	54.63 1.29 -30.51	97.14 1.18 -74.45	34.67 1.42 -8.07	159.02 1.62 -128.74	38.94 1.60 -8.36	89.17 1.74 -55.77	60.63 1.38 -33.40	118.83 1.35 -89.73	23.09 0.97 -0.02	22.17 0.86 0.00
GOWANUS_GT2_8 24121	17.10 0.89 0.00	15.67 0.78 0.00	10.85 0.55 0.00	12.17 0.59 0.00	12.51 0.59 0.00	13.69 0.64 0.00	18.31 0.87 0.00	19.11 0.99 0.00	16.95 0.90 0.00	18.48 0.95 0.00	23.61 1.33 0.00	24.15 1.34 0.00	72.56 1.42 -47.91	46.48 1.42 -22.19	54.63 1.29 -30.51	97.14 1.18 -74.45	34.67 1.42 -8.07	159.02 1.62 -128.74	38.94 1.60 -8.36	89.17 1.74 -55.77	60.63 1.38 -33.40	118.83 1.35 -89.73	23.09 0.97 -0.02	22.17 0.86 0.00
GOWANUS_GT3_1 24122	17.10 0.89 0.00	15.67 0.78 0.00	10.85 0.55 0.00	12.17 0.59 0.00	12.51 0.59 0.00	13.69 0.64 0.00	18.31 0.87 0.00	19.11 0.99 0.00	16.95 0.90 0.00	18.48 0.95 0.00	23.61 1.33 0.00	24.15 1.34 0.00	72.56 1.42 -47.91	46.48 1.42 -22.19	54.63 1.29 -30.51	97.14 1.18 -74.45	34.67 1.42 -8.07	159.02 1.62 -128.74	38.94 1.60 -8.36	89.17 1.74 -55.77	60.63 1.38 -33.40	118.83 1.35 -89.73	23.09 0.97 -0.02	22.17 0.86 0.00
GOWANUS_GT3_2 24123	17.10 0.89 0.00	15.67 0.78 0.00	10.85 0.55 0.00	12.17 0.59 0.00	12.51 0.59 0.00	13.69 0.64 0.00	18.31 0.87 0.00	19.11 0.99 0.00	16.95 0.90 0.00	18.48 0.95 0.00	23.61 1.33 0.00	24.15 1.34 0.00	72.56 1.42 -47.91	46.48 1.42 -22.19	54.63 1.29 -30.51	97.14 1.18 -74.45	34.67 1.42 -8.07	159.02 1.62 -128.74	38.94 1.60 -8.36	89.17 1.74 -55.77	60.63 1.38 -33.40	118.83 1.35 -89.73	23.09 0.97 -0.02	22.17 0.86 0.00
GOWANUS_GT3_3 24124	17.10 0.89 0.00	15.67 0.78 0.00	10.85 0.55 0.00	12.17 0.59 0.00	12.51 0.59 0.00	13.69 0.64 0.00	18.31 0.87 0.00	19.11 0.99 0.00	16.95 0.90 0.00	18.48 0.95 0.00	23.61 1.33 0.00	24.15 1.34 0.00	72.56 1.42 -47.91	46.48 1.42 -22.19	54.63 1.29 -30.51	97.14 1.18 -74.45	34.67 1.42 -8.07	159.02 1.62 -128.74	38.94 1.60 -8.36	89.17 1.74 -55.77	60.63 1.38 -33.40	118.83 1.35 -89.73	23.09 0.97 -0.02	22.17 0.86 0.00
GOWANUS_GT3_4 24125	17.10 0.89 0.00	15.67 0.78 0.00	10.85 0.55 0.00	12.17 0.59 0.00	12.51 0.59 0.00	13.69 0.64 0.00	18.31 0.87 0.00	19.11 0.99 0.00	16.95 0.90 0.00	18.48 0.95 0.00	23.61 1.33 0.00	24.15 1.34 0.00	72.56 1.42 -47.91	46.48 1.42 -22.19	54.63 1.29 -30.51	97.14 1.18 -74.45	34.67 1.42 -8.07	159.02 1.62 -128.74	38.94 1.60 -8.36	89.17 1.74 -55.77	60.63 1.38 -33.40	118.83 1.35 -89.73	23.09 0.97 -0.02	22.17 0.86 0.00
GOWANUS_GT3_5 24126	17.10 0.89 0.00	15.67 0.78 0.00	10.85 0.55 0.00	12.17 0.59 0.00	12.51 0.59 0.00	13.69 0.64 0.00	18.31 0.87 0.00	19.11 0.99 0.00	16.95 0.90 0.00	18.48 0.95 0.00	23.61 1.33 0.00	24.15 1.34 0.00	72.56 1.42 -47.91	46.48 1.42 -22.19	54.63 1.29 -30.51	97.14 1.18 -74.45	34.67 1.42 -8.07	159.02 1.62 -128.74	38.94 1.60 -8.36	89.17 1.74 -55.77	60.63 1.38 -33.40	118.83 1.35 -89.73	23.09 0.97 -0.02	22.17 0.86 0.00
GOWANUS_GT3_6 24127	17.10 0.89 0.00	15.67 0.78 0.00	10.85 0.55 0.00	12.17 0.59 0.00	12.51 0.59 0.00	13.69 0.64 0.00	18.31 0.87 0.00	19.11 0.99 0.00	16.95 0.90 0.00	18.48 0.95 0.00	23.61 1.33 0.00	24.15 1.34 0.00	72.56 1.42 -47.91	46.48 1.42 -22.19	54.63 1.29 -30.51	97.14 1.18 -74.45	34.67 1.42 -8.07	159.02 1.62 -128.74	38.94 1.60 -8.36	89.17 1.74 -55.77	60.63 1.38 -33.40	118.83 1.35 -89.73	23.09 0.97 -0.02	22.17 0.86 0.00
GOWANUS_GT3_7 24128	17.10 0.89 0.00	15.67 0.78 0.00	10.85 0.55 0.00	12.17 0.59 0.00	12.51 0.59 0.00	13.69 0.64 0.00	18.31 0.87 0.00	19.11 0.99 0.00	16.95 0.90 0.00	18.48 0.95 0.00	23.61 1.33 0.00	24.15 1.34 0.00	72.56 1.42 -47.91	46.48 1.42 -22.19	54.63 1.29 -30.51	97.14 1.18 -74.45	34.67 1.42 -8.07	159.02 1.62 -128.74	38.94 1.60 -8.36	89.17 1.74 -55.77	60.63 1.38 -33.40	118.83 1.35 -89.73	23.09 0.97 -0.02	22.17 0.86 0.00
GOWANUS_GT3_8 24129	17.10 0.89 0.00	15.67 0.78 0.00	10.85 0.55 0.00	12.17 0.59 0.00	12.51 0.59 0.00	13.69 0.64 0.00	18.31 0.87 0.00	19.11 0.99 0.00	16.95 0.90 0.00	18.48 0.95 0.00	23.61 1.33 0.00	24.15 1.34 0.00	72.56 1.42 -47.91	46.48 1.42 -22.19	54.63 1.29 -30.51	97.14 1.18 -74.45	34.67 1.42 -8.07	159.02 1.62 -128.74	38.94 1.60 -8.36	89.17 1.74 -55.77	60.63 1.38 -33.40	118.83 1.35 -89.73	23.09 0.97 -0.02	22.17 0.86 0.00
GOWANUS_GT4_1 24130	17.11 0.90 0.00	15.68 0.78 0.00	10.85 0.56 0.00	12.17 0.59 0.00	12.51 0.59 0.00	13.70 0.64 0.00	18.31 0.87 0.00	19.11 0.99 0.00	16.95 0.90 0.00	18.48 0.96 0.00	23.61 1.33 0.00	24.15 1.34 0.00	72.55 1.41 -47.91	46.48 1.42 -22.19	54.63 1.29 -30.51	97.14 1.18 -74.45	34.67 1.43 -8.07	159.00 1.60 -128.74	38.94 1.61 -8.36	89.17 1.74 -55.77	60.63 1.38 -33.40	118.83 1.35 -89.73	23.09 0.96 -0.02	22.17 0.86 0.00
GOWANUS_GT4_2 24131	17.11 0.90 0.00	15.68 0.78 0.00	10.85 0.56 0.00	12.17 0.59 0.00	12.51 0.59 0.00	13.70 0.64 0.00	18.31 0.87 0.00	19.11 0.99 0.00	16.95 0.90 0.00	18.48 0.96 0.00	23.61 1.33 0.00	24.15 1.34 0.00	72.55 1.41 -47.91	46.48 1.42 -22.19	54.63 1.29 -30.51	97.14 1.18 -74.45	34.67 1.43 -8.07	159.00 1.60 -128.74	38.94 1.61 -8.36	89.17 1.74 -55.77	60.63 1.38 -33.40	118.83 1.35 -89.73	23.09 0.96 -0.02	22.17 0.86 0.00
GOWANUS_GT4_3 24132	17.11 0.90 0.00	15.68 0.78 0.00	10.85 0.56 0.00	12.17 0.59 0.00	12.51 0.59 0.00	13.70 0.64 0.00	18.31 0.87 0.00	19.11 0.99 0.00	16.95 0.90 0.00	18.48 0.96 0.00	23.61 1.33 0.00	24.15 1.34 0.00	72.55 1.41 -47.91	46.48 1.42 -22.19	54.63 1.29 -30.51	97.14 1.18 -74.45	34.67 1.43 -8.07	159.00 1.60 -128.74	38.94 1.61 -8.36	89.17 1.74 -55.77	60.63 1.38 -33.40	118.83 1.35 -89.73	23.09 0.96 -0.02	22.17 0.86 0.00

GOWANUS_GT4_4 24133	17.11 0.90 0.00	15.68 0.78 0.00	10.85 0.56 0.00	12.17 0.59 0.00	12.51 0.59 0.00	13.70 0.64 0.00	18.31 0.87 0.00	19.11 0.99 0.00	16.95 0.90 0.00	18.48 0.96 0.00	23.61 1.33 0.00	24.15 1.34 0.00	72.55 1.41 -47.91	46.48 1.42 -22.19	54.63 1.29 -30.51	97.14 1.18 -74.45	34.67 1.43 -8.07	159.00 1.60 -128.74	38.94 1.61 -8.36	89.17 1.74 -55.77	60.63 1.38 -33.40	118.83 1.35 -89.73	23.09 0.96 -0.02	22.17 0.86 0.00
GOWANUS_GT4_5 24134	17.11 0.90 0.00	15.68 0.78 0.00	10.85 0.56 0.00	12.17 0.59 0.00	12.51 0.59 0.00	13.70 0.64 0.00	18.31 0.87 0.00	19.11 0.99 0.00	16.95 0.90 0.00	18.48 0.96 0.00	23.61 1.33 0.00	24.15 1.34 0.00	72.55 1.41 -47.91	46.48 1.42 -22.19	54.63 1.29 -30.51	97.14 1.18 -74.45	34.67 1.43 -8.07	159.00 1.60 -128.74	38.94 1.61 -8.36	89.17 1.74 -55.77	60.63 1.38 -33.40	118.83 1.35 -89.73	23.09 0.96 -0.02	22.17 0.86 0.00
GOWANUS_GT4_6 24135	17.11 0.90 0.00	15.68 0.78 0.00	10.85 0.56 0.00	12.17 0.59 0.00	12.51 0.59 0.00	13.70 0.64 0.00	18.31 0.87 0.00	19.11 0.99 0.00	16.95 0.90 0.00	18.48 0.96 0.00	23.61 1.33 0.00	24.15 1.34 0.00	72.55 1.41 -47.91	46.48 1.42 -22.19	54.63 1.29 -30.51	97.14 1.18 -74.45	34.67 1.43 -8.07	159.00 1.60 -128.74	38.94 1.61 -8.36	89.17 1.74 -55.77	60.63 1.38 -33.40	118.83 1.35 -89.73	23.09 0.96 -0.02	22.17 0.86 0.00
GOWANUS_GT4_7 24136	17.11 0.90 0.00	15.68 0.78 0.00	10.85 0.56 0.00	12.17 0.59 0.00	12.51 0.59 0.00	13.70 0.64 0.00	18.31 0.87 0.00	19.11 0.99 0.00	16.95 0.90 0.00	18.48 0.96 0.00	23.61 1.33 0.00	24.15 1.34 0.00	72.55 1.41 -47.91	46.48 1.42 -22.19	54.63 1.29 -30.51	97.14 1.18 -74.45	34.67 1.43 -8.07	159.00 1.60 -128.74	38.94 1.61 -8.36	89.17 1.74 -55.77	60.63 1.38 -33.40	118.83 1.35 -89.73	23.09 0.96 -0.02	22.17 0.86 0.00
GOWANUS_GT4_8 24137	17.11 0.90 0.00	15.68 0.78 0.00	10.85 0.56 0.00	12.17 0.59 0.00	12.51 0.59 0.00	13.70 0.64 0.00	18.31 0.87 0.00	19.11 0.99 0.00	16.95 0.90 0.00	18.48 0.96 0.00	23.61 1.33 0.00	24.15 1.34 0.00	72.55 1.41 -47.91	46.48 1.42 -22.19	54.63 1.29 -30.51	97.14 1.18 -74.45	34.67 1.43 -8.07	159.00 1.60 -128.74	38.94 1.61 -8.36	89.17 1.74 -55.77	60.63 1.38 -33.40	118.83 1.35 -89.73	23.09 0.96 -0.02	22.17 0.86 0.00
GREENBSH_115KV_TB3 55895	16.47 0.27 0.00	15.17 0.27 0.00	10.48 0.19 0.00	11.78 0.20 0.00	12.12 0.20 0.00	13.25 0.19 0.00	17.63 0.18 0.00	18.36 0.24 0.00	16.29 0.23 0.00	17.74 0.22 0.00	22.50 0.22 0.00	23.01 0.20 0.00	23.44 0.21 0.00	23.09 0.22 0.00	23.06 0.23 0.00	21.75 0.24 0.00	25.47 0.30 0.00	29.01 0.34 0.00	29.22 0.24 0.00	31.93 0.27 0.00	26.06 0.20 0.00	27.93 0.18 0.00	22.15 0.05 0.00	21.30 -0.01 0.00
GREENDGE_115KV_TB5 80291	15.75 -0.46 0.00	14.38 -0.52 0.00	9.94 -0.35 0.00	11.19 -0.39 0.00	11.55 -0.37 0.00	12.74 -0.31 0.00	17.20 -0.24 0.00	17.81 -0.31 0.00	15.73 -0.33 0.00	17.19 -0.34 0.00	21.82 -0.46 0.00	22.40 -0.41 0.00	22.75 -0.47 0.00	22.35 -0.52 0.00	22.33 -0.50 0.00	21.03 -0.48 0.00	24.57 -0.60 0.00	27.84 -0.83 0.00	28.44 -0.54 0.00	30.94 -0.72 0.00	25.22 -0.63 0.00	27.04 -0.72 0.00	21.61 -0.49 0.00	20.94 -0.37 0.00
GREENIDGE___3 23582	15.75 -0.46 0.00	14.38 -0.52 0.00	9.94 -0.35 0.00	11.19 -0.39 0.00	11.55 -0.37 0.00	12.74 -0.31 0.00	17.20 -0.24 0.00	17.81 -0.31 0.00	15.73 -0.33 0.00	17.19 -0.34 0.00	21.82 -0.46 0.00	22.40 -0.41 0.00	22.75 -0.47 0.00	22.35 -0.52 0.00	22.33 -0.50 0.00	21.03 -0.48 0.00	24.57 -0.60 0.00	27.84 -0.83 0.00	28.44 -0.54 0.00	30.94 -0.72 0.00	25.22 -0.63 0.00	27.04 -0.72 0.00	21.61 -0.49 0.00	20.94 -0.37 0.00
GREENIDGE___4 23583	15.75 -0.46 0.00	14.38 -0.52 0.00	9.94 -0.35 0.00	11.19 -0.39 0.00	11.55 -0.37 0.00	12.74 -0.31 0.00	17.20 -0.24 0.00	17.81 -0.31 0.00	15.73 -0.33 0.00	17.19 -0.34 0.00	21.82 -0.46 0.00	22.40 -0.41 0.00	22.75 -0.48 0.00	22.35 -0.52 0.00	22.33 -0.50 0.00	21.03 -0.49 0.00	24.57 -0.60 0.00	27.84 -0.83 0.00	28.44 -0.54 0.00	30.94 -0.72 0.00	25.22 -0.63 0.00	27.04 -0.72 0.00	21.61 -0.49 0.00	20.94 -0.37 0.00
GREENLWN_69_KV_BK 3 55738	17.28 1.02 -0.05	16.80 0.89 -1.01	11.14 0.63 -0.22	12.48 0.69 -0.21	12.59 0.67 0.00	13.77 0.72 0.00	18.42 0.97 0.00	19.15 1.02 0.00	28.76 0.98 -11.72	21.32 1.11 -2.69	25.76 1.46 -2.02	33.79 1.54 -9.44	24.77 1.55 0.00	24.42 1.54 0.00	24.18 1.35 0.00	22.64 1.13 0.00	26.60 1.43 0.00	30.37 1.70 0.00	30.53 1.55 0.00	33.37 1.71 0.00	27.18 1.33 0.00	29.10 1.35 0.00	23.09 0.99 0.00	22.13 0.82 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	17.11 0.90 0.00	15.68 0.78 0.00	10.85 0.56 0.00	12.17 0.59 0.00	12.51 0.59 0.00	13.70 0.64 0.00	18.31 0.87 0.00	19.11 0.99 0.00	16.95 0.90 0.00	18.48 0.96 0.00	23.61 1.33 0.00	24.15 1.34 0.00	72.55 1.41 -47.91	46.48 1.42 -22.19	54.63 1.29 -30.51	97.14 1.18 -74.45	34.67 1.43 -8.07	159.00 1.60 -128.74	38.94 1.61 -8.36	89.17 1.74 -55.77	60.63 1.38 -33.40	118.83 1.35 -89.73	23.09 0.96 -0.02	22.17 0.86 0.00
GRISSOM___SOLAR 323813	17.55 1.34 0.00	16.10 1.20 0.00	11.12 0.83 0.00	12.53 0.95 0.00	12.93 1.01 0.00	14.23 1.18 0.00	19.15 1.70 0.00	19.97 1.85 0.00	17.68 1.62 0.00	19.26 1.73 0.00	24.43 2.15 0.00	25.03 2.22 0.00	25.45 2.22 0.00	25.12 2.25 0.00	25.16 2.34 0.00	23.74 2.23 0.00	28.05 2.88 0.00	32.04 3.37 0.00	32.40 3.42 0.00	35.27 3.61 0.00	28.63 2.78 0.00	30.64 2.88 0.00	24.30 2.20 0.00	23.33 2.02 0.00
GROVEVILLE___HYD 323602	17.01 0.80 0.00	15.61 0.71 0.00	10.80 0.50 0.00	12.12 0.54 0.00	12.47 0.55 0.00	13.66 0.61 0.00	18.27 0.82 0.00	19.05 0.93 0.00	16.91 0.85 0.00	18.44 0.92 0.00	23.51 1.23 0.00	24.03 1.22 0.00	24.51 1.28 0.00	24.16 1.29 0.00	24.03 1.20 0.00	22.62 1.11 0.00	26.56 1.39 0.00	30.26 1.59 0.00	30.52 1.55 0.00	33.34 1.68 0.00	27.17 1.32 0.00	29.03 1.28 0.00	23.02 0.92 0.00	22.08 0.77 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	15.94 -0.27 0.00	14.64 -0.26 0.00	10.12 -0.18 0.00	11.39 -0.19 0.00	11.73 -0.19 0.00	12.87 -0.18 0.00	17.24 -0.20 0.00	17.88 -0.24 0.00	15.83 -0.23 0.00	17.28 -0.24 0.00	21.93 -0.35 0.00	22.53 -0.28 0.00	22.93 -0.29 0.00	22.57 -0.30 0.00	22.50 -0.33 0.00	21.20 -0.31 0.00	24.79 -0.38 0.00	28.22 -0.45 0.00	28.52 -0.46 0.00	31.12 -0.55 0.00	25.39 -0.46 0.00	27.31 -0.44 0.00	21.80 -0.30 0.00	21.05 -0.25 0.00
HAMLTNNY_34_KV_TB 80303	15.91 -0.30 0.00	14.60 -0.30 0.00	10.09 -0.20 0.00	11.36 -0.22 0.00	11.71 -0.21 0.00	12.85 -0.20 0.00	17.24 -0.20 0.00	17.88 -0.24 0.00	15.83 -0.23 0.00	17.27 -0.25 0.00	21.94 -0.34 0.00	22.49 -0.32 0.00	22.88 -0.34 0.00	22.52 -0.35 0.00	22.48 -0.35 0.00	21.19 -0.32 0.00	24.78 -0.39 0.00	28.21 -0.46 0.00	28.51 -0.46 0.00	31.11 -0.56 0.00	25.38 -0.48 0.00	27.28 -0.47 0.00	21.79 -0.31 0.00	21.04 -0.27 0.00

HAMPSHIRE___PAPER_HYD 323593	15.88 -0.33 0.00	14.62 -0.27 0.00	10.08 -0.22 0.00	11.36 -0.22 0.00	11.74 -0.18 0.00	12.86 -0.19 0.00	17.26 -0.18 0.00	17.86 -0.26 0.00	15.70 -0.36 0.00	17.10 -0.42 0.00	21.69 -0.59 0.00	22.29 -0.52 0.00	22.90 -0.33 0.00	22.54 -0.34 0.00	22.62 -0.21 0.00	21.35 -0.16 0.00	24.97 -0.20 0.00	28.48 -0.18 0.00	28.90 -0.08 0.00	31.55 -0.11 0.00	25.74 -0.11 0.00	27.61 -0.15 0.00	21.92 -0.18 0.00	21.13 -0.17 0.00
HARDSCRABBLE_WT_PWR 323673	16.22 0.01 0.00	14.92 0.02 0.00	10.29 0.00 0.00	11.57 -0.01 0.00	11.91 -0.01 0.00	13.05 0.00 0.00	17.45 0.00 0.00	18.25 0.13 0.00	16.20 0.14 0.00	17.60 0.08 0.00	22.33 0.05 0.00	22.84 0.03 0.00	23.22 0.00 0.00	22.92 0.05 0.00	22.83 0.00 0.00	21.46 -0.04 0.00	25.13 -0.04 0.00	28.80 0.13 0.00	28.97 -0.01 0.00	31.61 -0.06 0.00	25.80 -0.06 0.00	27.60 -0.15 0.00	21.86 -0.25 0.00	20.97 -0.34 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	16.87 0.67 0.00	15.49 0.59 0.00	10.71 0.42 0.00	12.03 0.45 0.00	12.38 0.46 0.00	13.56 0.50 0.00	18.14 0.69 0.00	18.92 0.80 0.00	16.77 0.72 0.00	18.29 0.76 0.00	23.30 1.02 0.00	23.87 1.06 0.00	24.32 1.09 0.00	23.96 1.09 0.00	23.82 0.99 0.00	22.42 0.91 0.00	26.32 1.15 0.00	30.00 1.32 0.00	30.29 1.31 0.00	33.08 1.42 0.00	26.98 1.12 0.00	28.84 1.09 0.00	22.85 0.75 0.00	21.92 0.61 0.00
HARSNRAD_115KV_TB1 81005	14.73 -1.48 0.00	13.51 -1.39 0.00	9.35 -0.94 0.00	10.59 -0.99 0.00	10.93 -1.00 0.00	12.12 -0.94 0.00	16.39 -1.05 0.00	16.71 -1.42 0.00	14.69 -1.37 0.00	16.11 -1.41 0.00	20.45 -1.83 0.00	21.02 -1.79 0.00	21.33 -1.89 0.00	20.88 -1.99 0.00	20.94 -1.89 0.00	19.60 -1.91 0.00	22.89 -2.28 0.00	26.03 -2.64 0.00	26.43 -2.54 0.00	28.80 -2.86 0.00	23.47 -2.38 0.00	25.11 -2.65 0.00	20.32 -1.78 0.00	19.95 -1.36 0.00
HARZA MOOSE___RIVER 24016	16.19 -0.02 0.00	14.92 0.02 0.00	10.28 -0.02 0.00	11.59 0.01 0.00	11.98 0.06 0.00	13.13 0.07 0.00	17.63 0.18 0.00	18.22 0.10 0.00	16.02 -0.04 0.00	17.46 -0.06 0.00	22.16 -0.12 0.00	22.81 0.00 0.00	23.45 0.22 0.00	23.07 0.19 0.00	23.14 0.31 0.00	21.84 0.33 0.00	25.55 0.38 0.00	29.11 0.44 0.00	29.44 0.46 0.00	32.07 0.41 0.00	26.15 0.29 0.00	28.08 0.32 0.00	22.28 0.18 0.00	21.47 0.16 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	15.85 -0.36 0.00	14.56 -0.34 0.00	10.06 -0.23 0.00	11.32 -0.25 0.00	11.67 -0.25 0.00	12.80 -0.26 0.00	17.14 -0.31 0.00	17.77 -0.35 0.00	15.73 -0.32 0.00	17.18 -0.35 0.00	21.80 -0.48 0.00	22.33 -0.48 0.00	22.72 -0.50 0.00	22.37 -0.50 0.00	22.33 -0.50 0.00	21.07 -0.44 0.00	24.63 -0.54 0.00	28.03 -0.65 0.00	28.33 -0.65 0.00	30.89 -0.77 0.00	25.22 -0.63 0.00	27.13 -0.62 0.00	21.66 -0.44 0.00	20.93 -0.38 0.00
HELLGATE_13_KV_LD 55870	17.04 0.83 0.00	15.63 0.73 0.00	10.81 0.52 0.00	12.13 0.55 0.00	12.47 0.55 0.00	13.64 0.59 0.00	18.23 0.78 0.00	19.02 0.90 0.00	16.89 0.83 0.00	18.42 0.89 0.00	23.53 1.25 0.00	24.05 1.24 0.00	24.51 1.29 0.00	24.18 1.31 0.00	23.99 1.16 0.00	22.56 1.05 0.00	26.45 1.28 0.00	30.11 1.44 0.00	30.42 1.44 0.00	33.21 1.55 0.00	27.09 1.23 0.00	28.95 1.20 0.00	22.93 0.83 0.00	22.03 0.72 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	17.04 0.83 0.00	15.63 0.73 0.00	10.81 0.52 0.00	12.13 0.55 0.00	12.47 0.55 0.00	13.64 0.59 0.00	18.23 0.78 0.00	19.02 0.90 0.00	16.89 0.83 0.00	18.42 0.89 0.00	23.53 1.25 0.00	24.05 1.24 0.00	24.51 1.29 0.00	24.18 1.31 0.00	23.99 1.16 0.00	22.56 1.05 0.00	26.45 1.28 0.00	30.11 1.44 0.00	30.42 1.44 0.00	33.21 1.55 0.00	27.09 1.23 0.00	28.95 1.20 0.00	22.93 0.83 0.00	22.03 0.72 0.00
HEMPSTEAD____ 23647	17.24 0.98 -0.05	16.77 0.86 -1.01	11.12 0.61 -0.22	12.45 0.66 -0.21	12.57 0.65 0.00	13.75 0.70 0.00	18.39 0.95 0.00	19.15 1.02 0.00	28.76 0.98 -11.72	21.32 1.09 -2.70	25.77 1.48 -2.02	33.78 1.53 -9.44	24.78 1.56 0.00	24.43 1.56 0.00	24.22 1.39 0.00	22.71 1.19 0.00	26.68 1.51 0.00	30.45 1.78 0.00	30.65 1.68 0.00	33.49 1.83 0.00	27.27 1.42 0.00	29.17 1.42 0.00	23.11 1.01 0.00	22.15 0.84 0.00
HEWLETT__69_KV_BK3 55828	17.31 1.05 -0.05	16.84 0.93 -1.01	11.18 0.67 -0.22	12.50 0.71 -0.21	12.62 0.70 0.00	13.82 0.76 0.00	18.48 1.04 0.00	19.23 1.11 0.00	28.83 1.05 -11.72	21.41 1.19 -2.70	25.90 1.60 -2.02	33.91 1.65 -9.44	24.90 1.67 0.00	24.55 1.68 0.00	24.34 1.51 0.00	22.83 1.32 0.00	26.83 1.66 0.00	30.61 1.94 0.00	30.84 1.87 0.00	33.68 2.01 0.00	27.44 1.59 0.00	29.34 1.59 0.00	23.25 1.14 0.00	22.28 0.97 0.00
HICKLING___1 23621	15.55 -0.66 0.00	14.27 -0.63 0.00	9.89 -0.40 0.00	11.11 -0.47 0.00	11.47 -0.45 0.00	12.66 -0.39 0.00	17.13 -0.32 0.00	17.75 -0.37 0.00	15.62 -0.44 0.00	17.06 -0.47 0.00	21.66 -0.62 0.00	22.26 -0.55 0.00	22.62 -0.60 0.00	22.22 -0.65 0.00	22.18 -0.65 0.00	20.87 -0.64 0.00	24.39 -0.78 0.00	27.81 -0.86 0.00	28.26 -0.72 0.00	30.78 -0.88 0.00	25.03 -0.82 0.00	26.86 -0.89 0.00	21.50 -0.60 0.00	20.78 -0.52 0.00
HICKLING___2 23622	15.55 -0.66 0.00	14.27 -0.63 0.00	9.89 -0.40 0.00	11.11 -0.47 0.00	11.47 -0.45 0.00	12.66 -0.39 0.00	17.13 -0.32 0.00	17.75 -0.37 0.00	15.62 -0.44 0.00	17.06 -0.47 0.00	21.66 -0.62 0.00	22.26 -0.55 0.00	22.62 -0.60 0.00	22.22 -0.65 0.00	22.18 -0.65 0.00	20.87 -0.64 0.00	24.39 -0.78 0.00	27.81 -0.86 0.00	28.26 -0.72 0.00	30.78 -0.88 0.00	25.03 -0.82 0.00	26.86 -0.89 0.00	21.50 -0.60 0.00	20.78 -0.52 0.00
HIGH FALLS___HY 23754	17.09 0.88 0.00	15.66 0.76 0.00	10.83 0.54 0.00	12.16 0.58 0.00	12.51 0.59 0.00	13.72 0.66 0.00	18.38 0.93 0.00	19.17 1.04 0.00	17.00 0.95 0.00	18.54 1.02 0.00	23.63 1.35 0.00	24.13 1.33 0.00	24.55 1.33 0.00	24.14 1.27 0.00	24.00 1.17 0.00	22.62 1.11 0.00	26.61 1.44 0.00	30.34 1.67 0.00	30.65 1.68 0.00	33.45 1.79 0.00	27.26 1.41 0.00	29.10 1.35 0.00	23.06 0.96 0.00	22.12 0.81 0.00
HILLBURN___GT 23639	16.85 0.64 0.00	15.46 0.57 0.00	10.69 0.40 0.00	12.01 0.43 0.00	12.36 0.43 0.00	13.54 0.48 0.00	18.11 0.66 0.00	18.90 0.77 0.00	16.75 0.69 0.00	18.24 0.72 0.00	23.25 0.97 0.00	23.81 1.00 0.00	24.27 1.04 0.00	23.92 1.05 0.00	23.76 0.93 0.00	22.36 0.85 0.00	26.23 1.06 0.00	29.89 1.22 0.00	30.19 1.21 0.00	32.99 1.33 0.00	26.91 1.06 0.00	28.76 1.01 0.00	22.79 0.69 0.00	21.87 0.56 0.00
HILLSIDE_115KV_TB1 80332	15.52 -0.69 0.00	14.24 -0.65 0.00	9.87 -0.42 0.00	11.08 -0.50 0.00	11.43 -0.49 0.00	12.59 -0.46 0.00	17.02 -0.42 0.00	17.65 -0.48 0.00	15.53 -0.53 0.00	16.95 -0.58 0.00	21.50 -0.78 0.00	22.10 -0.71 0.00	22.44 -0.79 0.00	22.06 -0.82 0.00	22.00 -0.82 0.00	20.72 -0.79 0.00	24.21 -0.96 0.00	27.60 -1.07 0.00	28.06 -0.92 0.00	30.57 -1.09 0.00	24.87 -0.98 0.00	26.69 -1.06 0.00	21.33 -0.77 0.00	20.59 -0.72 0.00

HISHELDN_WT_PWR 323625	14.74 -1.47 0.00	13.52 -1.38 0.00	9.38 -0.92 0.00	10.60 -0.98 0.00	10.95 -0.97 0.00	12.15 -0.90 0.00	16.45 -0.99 0.00	16.89 -1.23 0.00	14.86 -1.20 0.00	16.29 -1.24 0.00	20.71 -1.57 0.00	21.30 -1.51 0.00	21.60 -1.63 0.00	21.12 -1.75 0.00	21.18 -1.65 0.00	19.85 -1.66 0.00	23.21 -1.96 0.00	26.44 -2.23 0.00	26.84 -2.13 0.00	29.22 -2.44 0.00	23.82 -2.03 0.00	25.55 -2.20 0.00	20.62 -1.48 0.00	20.13 -1.18 0.00
HOLTSVILLE_IC_1 23690	17.64 1.36 -0.07	17.10 1.19 -1.01	11.35 0.84 -0.22	12.71 0.92 -0.21	12.83 0.91 0.00	14.04 0.99 0.00	18.79 1.34 0.00	19.51 1.39 0.00	29.10 1.30 -11.74	21.71 1.42 -2.76	26.07 1.78 -2.02	34.10 1.84 -9.44	25.14 1.91 0.00	24.79 1.92 0.00	24.48 1.65 0.00	22.77 1.26 0.00	26.75 1.58 0.00	30.59 1.92 0.00	30.72 1.74 0.00	33.57 1.91 0.00	27.39 1.53 0.00	29.40 1.65 0.00	23.31 1.21 0.00	22.35 1.04 0.00
HOLTSVILLE_IC_10 23699	17.73 1.45 -0.07	17.17 1.26 -1.01	11.39 0.88 -0.22	12.76 0.97 -0.21	12.89 0.97 0.00	14.10 1.05 0.00	18.89 1.44 0.00	19.61 1.48 0.00	29.20 1.40 -11.74	21.81 1.53 -2.76	26.19 1.90 -2.02	34.21 1.96 -9.44	25.27 2.04 0.00	24.92 2.05 0.00	24.61 1.78 0.00	22.88 1.37 0.00	26.88 1.71 0.00	30.77 2.10 0.00	30.89 1.91 0.00	33.76 2.09 0.00	27.54 1.68 0.00	29.54 1.79 0.00	23.42 1.32 0.00	22.45 1.14 0.00
HOLTSVILLE_IC_2 23691	17.64 1.36 -0.07	17.10 1.19 -1.01	11.35 0.84 -0.22	12.71 0.92 -0.21	12.83 0.91 0.00	14.04 0.99 0.00	18.79 1.34 0.00	19.51 1.39 0.00	29.10 1.30 -11.74	21.71 1.42 -2.76	26.07 1.78 -2.02	34.10 1.84 -9.44	25.14 1.91 0.00	24.79 1.92 0.00	24.48 1.65 0.00	22.77 1.26 0.00	26.75 1.58 0.00	30.59 1.92 0.00	30.72 1.74 0.00	33.57 1.91 0.00	27.39 1.53 0.00	29.40 1.65 0.00	23.31 1.21 0.00	22.35 1.04 0.00
HOLTSVILLE_IC_3 23692	17.64 1.36 -0.07	17.10 1.19 -1.01	11.35 0.84 -0.22	12.71 0.92 -0.21	12.83 0.91 0.00	14.04 0.99 0.00	18.79 1.34 0.00	19.51 1.39 0.00	29.10 1.30 -11.74	21.71 1.42 -2.76	26.07 1.78 -2.02	34.10 1.84 -9.44	25.14 1.91 0.00	24.79 1.92 0.00	24.48 1.65 0.00	22.77 1.26 0.00	26.75 1.58 0.00	30.59 1.92 0.00	30.72 1.74 0.00	33.57 1.91 0.00	27.39 1.53 0.00	29.40 1.65 0.00	23.31 1.21 0.00	22.35 1.04 0.00
HOLTSVILLE_IC_4 23693	17.64 1.36 -0.07	17.10 1.19 -1.01	11.35 0.84 -0.22	12.71 0.92 -0.21	12.83 0.91 0.00	14.04 0.99 0.00	18.79 1.34 0.00	19.51 1.39 0.00	29.10 1.30 -11.74	21.71 1.42 -2.76	26.07 1.78 -2.02	34.10 1.84 -9.44	25.14 1.91 0.00	24.79 1.92 0.00	24.48 1.65 0.00	22.77 1.26 0.00	26.75 1.58 0.00	30.59 1.92 0.00	30.72 1.74 0.00	33.57 1.91 0.00	27.39 1.53 0.00	29.40 1.65 0.00	23.31 1.21 0.00	22.35 1.04 0.00
HOLTSVILLE_IC_5 23694	17.64 1.36 -0.07	17.10 1.19 -1.01	11.35 0.84 -0.22	12.71 0.92 -0.21	12.83 0.91 0.00	14.04 0.99 0.00	18.79 1.34 0.00	19.51 1.39 0.00	29.10 1.30 -11.74	21.71 1.42 -2.76	26.07 1.78 -2.02	34.10 1.84 -9.44	25.14 1.91 0.00	24.79 1.92 0.00	24.48 1.65 0.00	22.77 1.26 0.00	26.75 1.58 0.00	30.59 1.92 0.00	30.72 1.74 0.00	33.57 1.91 0.00	27.39 1.53 0.00	29.40 1.65 0.00	23.31 1.21 0.00	22.35 1.04 0.00
HOLTSVILLE_IC_6 23695	17.73 1.45 -0.07	17.17 1.26 -1.01	11.39 0.88 -0.22	12.76 0.97 -0.21	12.89 0.97 0.00	14.10 1.05 0.00	18.89 1.44 0.00	19.61 1.48 0.00	29.20 1.40 -11.74	21.81 1.53 -2.76	26.19 1.90 -2.02	34.21 1.96 -9.44	25.27 2.04 0.00	24.92 2.05 0.00	24.61 1.78 0.00	22.88 1.37 0.00	26.88 1.71 0.00	30.77 2.10 0.00	30.89 1.91 0.00	33.76 2.09 0.00	27.54 1.68 0.00	29.54 1.79 0.00	23.42 1.32 0.00	22.45 1.14 0.00
HOLTSVILLE_IC_7 23696	17.73 1.45 -0.07	17.17 1.26 -1.01	11.39 0.88 -0.22	12.76 0.97 -0.21	12.89 0.97 0.00	14.10 1.05 0.00	18.89 1.44 0.00	19.61 1.48 0.00	29.20 1.40 -11.74	21.81 1.53 -2.76	26.19 1.90 -2.02	34.21 1.96 -9.44	25.27 2.04 0.00	24.92 2.05 0.00	24.61 1.78 0.00	22.88 1.37 0.00	26.88 1.71 0.00	30.77 2.10 0.00	30.89 1.91 0.00	33.76 2.09 0.00	27.54 1.68 0.00	29.54 1.79 0.00	23.42 1.32 0.00	22.45 1.14 0.00
HOLTSVILLE_IC_8 23697	17.73 1.45 -0.07	17.17 1.26 -1.01	11.39 0.88 -0.22	12.76 0.97 -0.21	12.89 0.97 0.00	14.10 1.05 0.00	18.89 1.44 0.00	19.61 1.48 0.00	29.20 1.40 -11.74	21.81 1.53 -2.76	26.19 1.90 -2.02	34.21 1.96 -9.44	25.27 2.04 0.00	24.92 2.05 0.00	24.61 1.78 0.00	22.88 1.37 0.00	26.88 1.71 0.00	30.77 2.10 0.00	30.89 1.91 0.00	33.76 2.09 0.00	27.54 1.68 0.00	29.54 1.79 0.00	23.42 1.32 0.00	22.45 1.14 0.00
HOLTSVILLE_IC_9 23698	17.73 1.45 -0.07	17.17 1.26 -1.01	11.39 0.88 -0.22	12.76 0.97 -0.21	12.89 0.97 0.00	14.10 1.05 0.00	18.89 1.44 0.00	19.61 1.48 0.00	29.20 1.40 -11.74	21.81 1.53 -2.76	26.19 1.90 -2.02	34.21 1.96 -9.44	25.27 2.04 0.00	24.92 2.05 0.00	24.61 1.78 0.00	22.88 1.37 0.00	26.88 1.71 0.00	30.77 2.10 0.00	30.89 1.91 0.00	33.76 2.09 0.00	27.54 1.68 0.00	29.54 1.79 0.00	23.42 1.32 0.00	22.45 1.14 0.00
HOMER_HL_115KV_TB2 355744	15.64 -0.57 0.00	14.32 -0.58 0.00	9.93 -0.36 0.00	11.19 -0.39 0.00	11.56 -0.36 0.00	12.82 -0.23 0.00	17.36 -0.09 0.00	17.93 -0.19 0.00	15.80 -0.25 0.00	17.21 -0.31 0.00	21.74 -0.54 0.00	22.28 -0.53 0.00	22.60 -0.62 0.00	22.15 -0.72 0.00	22.14 -0.69 0.00	20.75 -0.76 0.00	24.31 -0.86 0.00	27.71 -0.96 0.00	28.20 -0.77 0.00	30.71 -0.95 0.00	24.99 -0.86 0.00	26.84 -0.91 0.00	21.65 -0.46 0.00	21.03 -0.28 0.00
HOWARD_WT_PWR 323690	14.63 -1.58 0.00	13.48 -1.41 0.00	9.38 -0.92 0.00	10.50 -1.08 0.00	10.85 -1.07 0.00	12.06 -0.99 0.00	16.34 -1.11 0.00	16.89 -1.24 0.00	14.89 -1.17 0.00	16.27 -1.25 0.00	20.81 -1.47 0.00	21.45 -1.36 0.00	21.78 -1.45 0.00	21.25 -1.62 0.00	21.20 -1.63 0.00	19.88 -1.63 0.00	23.18 -1.99 0.00	26.46 -2.21 0.00	26.94 -2.03 0.00	29.24 -2.42 0.00	23.78 -2.07 0.00	25.60 -2.16 0.00	20.70 -1.40 0.00	20.20 -1.11 0.00
HQ_GEN_CEDARS 23644	16.45 0.24 0.00	15.12 0.22 0.00	10.43 0.14 0.00	11.75 0.17 0.00	12.10 0.18 0.00	13.26 0.20 0.00	17.73 0.28 0.00	18.40 0.28 0.00	16.29 0.22 0.00	17.78 0.25 0.00	22.63 0.35 0.00	23.18 0.37 0.00	23.61 0.38 0.00	23.23 0.36 0.00	23.24 0.40 0.00	21.88 0.37 0.00	25.60 0.43 0.00	29.20 0.53 0.00	29.64 0.67 0.00	32.47 0.80 0.00	26.52 0.67 0.00	28.45 0.70 0.00	22.65 0.55 0.00	21.85 0.54 0.00
HQ_GEN_CEDARS_PROXY 323590	16.45 0.24 0.00	15.12 0.22 0.00	10.43 0.14 0.00	11.75 0.17 0.00	12.10 0.18 0.00	13.26 0.20 0.00	17.73 0.28 0.00	18.40 0.28 0.00	16.28 0.22 0.00	18.37 0.25 -0.59	22.63 0.35 0.00	23.18 0.37 0.00	23.61 0.38 0.00	23.23 0.35 0.00	23.24 0.40 0.00	21.88 0.37 0.00	25.60 0.43 0.00	29.20 0.53 0.00	30.27 0.66 -0.63	32.47 0.80 0.00	26.52 0.67 0.00	28.45 0.70 0.00	22.65 0.55 0.00	21.85 0.54 0.00

HQ_GEN_IMPORT 323601	16.32 0.11 0.00	15.00 0.10 0.00	10.36 0.06 0.00	11.65 0.07 0.00	12.00 0.08 0.00	13.14 0.09 0.00	17.56 0.11 0.00	18.23 0.11 0.00	16.15 0.09 0.00	17.64 0.12 0.00	22.44 0.16 0.00	22.98 0.17 0.00	23.40 0.17 0.00	23.03 0.16 0.00	23.01 0.17 0.00	21.67 0.15 0.00	25.35 0.18 0.00	28.90 0.23 0.00	29.26 0.28 0.00	32.00 0.34 0.00	26.15 0.30 0.00	28.06 0.31 0.00	22.35 0.24 0.00	21.56 0.25 0.00
HQ_GEN_WHEEL 23651	16.32 0.11 0.00	15.00 0.10 0.00	10.36 0.06 0.00	11.65 0.07 0.00	12.00 0.08 0.00	13.14 0.09 0.00	17.56 0.11 0.00	18.23 0.11 0.00	16.15 0.09 0.00	17.64 0.12 0.00	22.44 0.16 0.00	22.98 0.17 0.00	23.40 0.17 0.00	23.03 0.16 0.00	23.01 0.17 0.00	21.67 0.15 0.00	25.35 0.18 0.00	28.90 0.23 0.00	29.26 0.28 0.00	32.00 0.34 0.00	26.15 0.30 0.00	28.06 0.31 0.00	22.35 0.24 0.00	21.56 0.25 0.00
HUDSON AVE_GT_3 23810	17.00 0.79 0.00	15.60 0.70 0.00	10.79 0.50 0.00	12.11 0.53 0.00	12.45 0.53 0.00	13.63 0.58 0.00	18.21 0.76 0.00	19.00 0.88 0.00	16.88 0.82 0.00	18.41 0.88 0.00	23.52 1.24 0.00	24.06 1.25 0.00	24.51 1.28 0.00	24.17 1.30 0.00	24.00 1.17 0.00	22.57 1.06 0.00	26.45 1.28 0.00	30.12 1.45 0.00	30.41 1.43 0.00	33.21 1.55 0.00	27.08 1.23 0.00	28.95 1.20 0.00	22.93 0.83 0.00	22.01 0.70 0.00
HUDSON AVE_GT_4 23540	17.00 0.79 0.00	15.60 0.70 0.00	10.79 0.50 0.00	12.11 0.53 0.00	12.45 0.53 0.00	13.63 0.58 0.00	18.21 0.76 0.00	19.00 0.88 0.00	16.88 0.82 0.00	18.41 0.88 0.00	23.52 1.24 0.00	24.06 1.25 0.00	24.51 1.28 0.00	24.17 1.30 0.00	24.00 1.17 0.00	22.57 1.06 0.00	26.45 1.28 0.00	30.12 1.45 0.00	30.41 1.43 0.00	33.21 1.55 0.00	27.08 1.23 0.00	28.95 1.20 0.00	22.93 0.83 0.00	22.01 0.70 0.00
HUDSON AVE_GT_5 23657	17.00 0.79 0.00	15.60 0.70 0.00	10.79 0.50 0.00	12.11 0.53 0.00	12.45 0.53 0.00	13.63 0.58 0.00	18.21 0.76 0.00	19.00 0.88 0.00	16.88 0.82 0.00	18.41 0.88 0.00	23.52 1.24 0.00	24.06 1.25 0.00	24.51 1.28 0.00	24.17 1.30 0.00	24.00 1.17 0.00	22.57 1.06 0.00	26.45 1.28 0.00	30.12 1.45 0.00	30.41 1.43 0.00	33.21 1.55 0.00	27.08 1.23 0.00	28.95 1.20 0.00	22.93 0.83 0.00	22.01 0.70 0.00
HUDSON_AVE_10 24168	16.98 0.77 0.00	15.58 0.68 0.00	10.78 0.49 0.00	12.08 0.51 0.00	12.43 0.51 0.00	13.61 0.56 0.00	18.18 0.73 0.00	18.98 0.86 0.00	16.85 0.80 0.00	18.39 0.86 0.00	23.49 1.21 0.00	24.02 1.21 0.00	24.46 1.23 0.00	24.13 1.26 0.00	23.98 1.15 0.00	22.53 1.02 0.00	26.41 1.24 0.00	30.05 1.38 0.00	30.34 1.37 0.00	33.13 1.46 0.00	27.02 1.17 0.00	28.87 1.12 0.00	22.88 0.78 0.00	21.97 0.66 0.00
HUDSON___115KV_TB 4 355613	16.79 0.58 0.00	15.45 0.55 0.00	10.68 0.38 0.00	12.01 0.43 0.00	12.35 0.43 0.00	13.51 0.46 0.00	18.03 0.58 0.00	18.79 0.67 0.00	16.68 0.62 0.00	18.17 0.65 0.00	23.03 0.75 0.00	23.56 0.75 0.00	23.97 0.75 0.00	23.62 0.75 0.00	23.62 0.79 0.00	22.29 0.78 0.00	26.16 0.99 0.00	29.84 1.17 0.00	30.07 1.09 0.00	32.84 1.17 0.00	26.77 0.92 0.00	28.66 0.90 0.00	22.70 0.60 0.00	21.80 0.49 0.00
HUNTER MOUNT___DRP 323613	16.89 0.68 0.00	15.55 0.65 0.00	10.74 0.44 0.00	12.07 0.49 0.00	12.43 0.51 0.00	13.60 0.55 0.00	18.16 0.71 0.00	18.93 0.81 0.00	16.81 0.75 0.00	18.31 0.79 0.00	23.19 0.91 0.00	23.73 0.92 0.00	24.15 0.93 0.00	23.78 0.91 0.00	23.80 0.97 0.00	22.48 0.97 0.00	26.39 1.22 0.00	30.13 1.46 0.00	30.34 1.36 0.00	33.12 1.46 0.00	26.99 1.14 0.00	28.88 1.13 0.00	22.87 0.77 0.00	21.95 0.64 0.00
HUNTINGTON_RES_REC 323705	17.43 1.17 -0.05	16.93 1.02 -1.01	11.22 0.71 -0.22	12.57 0.78 -0.21	12.69 0.77 0.00	13.87 0.82 0.00	18.58 1.13 0.00	19.30 1.18 0.00	28.91 1.13 -11.72	21.61 1.28 -2.81	25.92 1.63 -2.02	33.95 1.70 -9.44	24.97 1.74 0.00	24.62 1.75 0.00	24.35 1.52 0.00	22.74 1.23 0.00	26.73 1.56 0.00	30.56 1.89 0.00	30.71 1.73 0.00	33.55 1.89 0.00	27.33 1.48 0.00	29.28 1.53 0.00	23.23 1.13 0.00	22.25 0.94 0.00
HUNTLEY___63 23557	14.82 -1.39 0.00	13.60 -1.30 0.00	9.42 -0.88 0.00	10.65 -0.93 0.00	10.99 -0.93 0.00	12.19 -0.86 0.00	16.49 -0.95 0.00	16.84 -1.28 0.00	14.79 -1.27 0.00	16.21 -1.31 0.00	20.58 -1.70 0.00	21.15 -1.66 0.00	21.47 -1.75 0.00	21.02 -1.85 0.00	21.08 -1.75 0.00	19.74 -1.78 0.00	23.06 -2.11 0.00	26.22 -2.45 0.00	26.63 -2.35 0.00	29.01 -2.65 0.00	23.65 -2.20 0.00	25.29 -2.47 0.00	20.46 -1.64 0.00	20.08 -1.23 0.00
HUNTLEY___64 23558	14.82 -1.39 0.00	13.60 -1.30 0.00	9.42 -0.88 0.00	10.65 -0.93 0.00	10.99 -0.93 0.00	12.19 -0.86 0.00	16.49 -0.95 0.00	16.84 -1.28 0.00	14.79 -1.27 0.00	16.21 -1.31 0.00	20.58 -1.70 0.00	21.15 -1.66 0.00	21.47 -1.75 0.00	21.02 -1.85 0.00	21.08 -1.75 0.00	19.74 -1.78 0.00	23.06 -2.11 0.00	26.22 -2.45 0.00	26.63 -2.35 0.00	29.01 -2.65 0.00	23.65 -2.20 0.00	25.29 -2.47 0.00	20.46 -1.64 0.00	20.08 -1.23 0.00
HUNTLEY___65 23559	14.82 -1.39 0.00	13.60 -1.30 0.00	9.42 -0.88 0.00	10.65 -0.93 0.00	10.99 -0.93 0.00	12.19 -0.86 0.00	16.49 -0.95 0.00	16.84 -1.28 0.00	14.79 -1.27 0.00	16.21 -1.31 0.00	20.58 -1.70 0.00	21.15 -1.66 0.00	21.47 -1.75 0.00	21.02 -1.85 0.00	21.08 -1.75 0.00	19.74 -1.78 0.00	23.06 -2.11 0.00	26.22 -2.45 0.00	26.63 -2.35 0.00	29.01 -2.65 0.00	23.65 -2.20 0.00	25.29 -2.47 0.00	20.46 -1.64 0.00	20.08 -1.23 0.00
HUNTLEY___66 23560	14.82 -1.39 0.00	13.60 -1.30 0.00	9.42 -0.88 0.00	10.65 -0.93 0.00	10.99 -0.93 0.00	12.19 -0.86 0.00	16.49 -0.95 0.00	16.84 -1.28 0.00	14.79 -1.27 0.00	16.21 -1.31 0.00	20.58 -1.70 0.00	21.15 -1.66 0.00	21.47 -1.75 0.00	21.02 -1.85 0.00	21.08 -1.75 0.00	19.74 -1.78 0.00	23.06 -2.11 0.00	26.22 -2.45 0.00	26.63 -2.35 0.00	29.01 -2.65 0.00	23.65 -2.20 0.00	25.29 -2.47 0.00	20.46 -1.64 0.00	20.08 -1.23 0.00
HUNTLEY___67 23561	14.76 -1.45 0.00	13.54 -1.36 0.00	9.38 -0.91 0.00	10.61 -0.97 0.00	10.95 -0.97 0.00	12.13 -0.92 0.00	16.42 -1.03 0.00	16.79 -1.33 0.00	14.76 -1.30 0.00	16.18 -1.34 0.00	20.54 -1.74 0.00	21.12 -1.69 0.00	21.42 -1.80 0.00	20.98 -1.89 0.00	21.03 -1.80 0.00	19.68 -1.83 0.00	22.99 -2.18 0.00	26.14 -2.54 0.00	26.56 -2.42 0.00	28.94 -2.72 0.00	23.59 -2.26 0.00	25.23 -2.52 0.00	20.39 -1.71 0.00	19.98 -1.33 0.00
HUNTLEY___68 23562	14.76 -1.45 0.00	13.54 -1.36 0.00	9.38 -0.91 0.00	10.61 -0.97 0.00	10.95 -0.97 0.00	12.13 -0.92 0.00	16.42 -1.03 0.00	16.79 -1.33 0.00	14.76 -1.30 0.00	16.18 -1.34 0.00	20.54 -1.74 0.00	21.12 -1.69 0.00	21.42 -1.80 0.00	20.98 -1.89 0.00	21.03 -1.80 0.00	19.68 -1.83 0.00	22.99 -2.18 0.00	26.14 -2.54 0.00	26.56 -2.42 0.00	28.94 -2.72 0.00	23.59 -2.26 0.00	25.23 -2.52 0.00	20.39 -1.71 0.00	19.98 -1.33 0.00

HYLAND___LFGE 323620	15.62 -0.59 0.00	14.34 -0.56 0.00	9.92 -0.37 0.00	11.19 -0.39 0.00	11.56 -0.36 0.00	12.83 -0.22 0.00	17.42 -0.03 0.00	18.00 -0.13 0.00	15.89 -0.17 0.00	17.27 -0.25 0.00	21.85 -0.43 0.00	22.48 -0.33 0.00	22.83 -0.39 0.00	22.35 -0.52 0.00	22.47 -0.36 0.00	21.14 -0.37 0.00	24.85 -0.33 0.00	28.42 -0.25 0.00	28.84 -0.13 0.00	31.34 -0.32 0.00	25.48 -0.37 0.00	27.25 -0.50 0.00	21.87 -0.23 0.00	21.22 -0.09 0.00
INDECK___CORINTH 23802	16.89 0.68 0.00	15.52 0.62 0.00	10.70 0.41 0.00	12.04 0.46 0.00	12.40 0.48 0.00	13.61 0.56 0.00	18.23 0.78 0.00	19.06 0.94 0.00	16.97 0.91 0.00	18.49 0.97 0.00	23.64 1.36 0.00	24.17 1.36 0.00	24.60 1.37 0.00	24.23 1.36 0.00	24.21 1.38 0.00	22.81 1.30 0.00	26.86 1.69 0.00	30.63 1.96 0.00	30.81 1.84 0.00	33.62 1.96 0.00	27.30 1.44 0.00	29.24 1.49 0.00	23.14 1.03 0.00	22.17 0.86 0.00
INDECK___ILION 23567	16.27 0.06 0.00	14.95 0.06 0.00	10.33 0.04 0.00	11.61 0.04 0.00	11.96 0.03 0.00	13.08 0.03 0.00	17.49 0.04 0.00	18.24 0.12 0.00	16.19 0.12 0.00	17.62 0.10 0.00	22.39 0.11 0.00	22.92 0.10 0.00	23.32 0.09 0.00	22.99 0.12 0.00	22.94 0.11 0.00	21.61 0.10 0.00	25.31 0.14 0.00	28.88 0.21 0.00	29.10 0.12 0.00	31.77 0.10 0.00	25.93 0.07 0.00	27.78 0.03 0.00	22.04 -0.06 0.00	21.17 -0.13 0.00
INDECK___OLEAN 23982	15.64 -0.57 0.00	14.32 -0.57 0.00	9.93 -0.36 0.00	11.19 -0.39 0.00	11.56 -0.36 0.00	12.82 -0.23 0.00	17.36 -0.09 0.00	17.93 -0.19 0.00	15.80 -0.25 0.00	17.21 -0.31 0.00	21.75 -0.53 0.00	22.29 -0.52 0.00	22.60 -0.63 0.00	22.14 -0.72 0.00	22.14 -0.69 0.00	20.75 -0.76 0.00	24.31 -0.86 0.00	27.72 -0.95 0.00	28.21 -0.77 0.00	30.70 -0.96 0.00	24.99 -0.86 0.00	26.84 -0.91 0.00	21.64 -0.46 0.00	21.03 -0.28 0.00
INDECK___OSWEGO 23783	15.67 -0.54 0.00	14.40 -0.50 0.00	9.96 -0.34 0.00	11.20 -0.38 0.00	11.54 -0.38 0.00	12.64 -0.41 0.00	16.91 -0.53 0.00	17.53 -0.59 0.00	15.52 -0.54 0.00	16.93 -0.59 0.00	21.47 -0.81 0.00	21.95 -0.86 0.00	22.37 -0.86 0.00	22.04 -0.83 0.00	22.01 -0.82 0.00	20.79 -0.72 0.00	24.30 -0.87 0.00	27.65 -1.02 0.00	27.93 -1.05 0.00	30.49 -1.17 0.00	24.90 -0.96 0.00	26.81 -0.94 0.00	21.41 -0.69 0.00	20.69 -0.62 0.00
INDECK___YERKES 23781	14.83 -1.38 0.00	13.61 -1.29 0.00	9.42 -0.87 0.00	10.66 -0.92 0.00	11.00 -0.92 0.00	12.19 -0.86 0.00	16.50 -0.95 0.00	16.85 -1.27 0.00	14.80 -1.26 0.00	16.23 -1.30 0.00	20.59 -1.69 0.00	21.17 -1.64 0.00	21.49 -1.74 0.00	21.04 -1.84 0.00	21.09 -1.74 0.00	19.75 -1.76 0.00	23.08 -2.10 0.00	26.25 -2.43 0.00	26.65 -2.32 0.00	29.02 -2.64 0.00	23.67 -2.18 0.00	25.31 -2.45 0.00	20.47 -1.63 0.00	20.09 -1.22 0.00
INDIAN POINT_GT_1 24139	16.86 0.65 0.00	15.47 0.58 0.00	10.70 0.41 0.00	12.02 0.43 0.00	12.36 0.44 0.00	13.53 0.48 0.00	18.09 0.64 0.00	18.87 0.75 0.00	16.74 0.68 0.00	18.25 0.73 0.00	23.27 0.99 0.00	23.82 1.01 0.00	24.27 1.05 0.00	23.93 1.05 0.00	23.78 0.95 0.00	22.37 0.86 0.00	26.25 1.08 0.00	29.90 1.23 0.00	30.18 1.20 0.00	32.96 1.30 0.00	26.89 1.04 0.00	28.74 0.99 0.00	22.78 0.68 0.00	21.86 0.55 0.00
INDIAN POINT_GT_2 23659	16.86 0.65 0.00	15.47 0.58 0.00	10.70 0.41 0.00	12.02 0.43 0.00	12.36 0.44 0.00	13.53 0.48 0.00	18.09 0.64 0.00	18.87 0.75 0.00	16.74 0.68 0.00	18.25 0.73 0.00	23.27 0.99 0.00	23.82 1.01 0.00	24.27 1.05 0.00	23.93 1.05 0.00	23.78 0.95 0.00	22.37 0.86 0.00	26.25 1.08 0.00	29.90 1.23 0.00	30.18 1.20 0.00	32.96 1.30 0.00	26.89 1.04 0.00	28.74 0.99 0.00	22.78 0.68 0.00	21.86 0.55 0.00
INDIAN POINT_GT_3 24019	16.86 0.65 0.00	15.47 0.58 0.00	10.70 0.41 0.00	12.02 0.43 0.00	12.36 0.44 0.00	13.53 0.48 0.00	18.09 0.64 0.00	18.87 0.75 0.00	16.74 0.68 0.00	18.25 0.73 0.00	23.27 0.99 0.00	23.82 1.01 0.00	24.27 1.05 0.00	23.93 1.05 0.00	23.78 0.95 0.00	22.37 0.86 0.00	26.25 1.08 0.00	29.90 1.23 0.00	30.18 1.20 0.00	32.96 1.30 0.00	26.89 1.04 0.00	28.74 0.99 0.00	22.78 0.68 0.00	21.86 0.55 0.00
INDIAN POINT___2 23530	16.84 0.63 0.00	15.45 0.56 0.00	10.69 0.40 0.00	12.00 0.42 0.00	12.35 0.42 0.00	13.52 0.47 0.00	18.08 0.63 0.00	18.86 0.74 0.00	16.72 0.67 0.00	18.23 0.70 0.00	23.24 0.96 0.00	23.79 0.98 0.00	24.25 1.02 0.00	23.90 1.03 0.00	23.75 0.91 0.00	22.34 0.83 0.00	26.21 1.04 0.00	29.85 1.18 0.00	30.14 1.16 0.00	32.93 1.26 0.00	26.86 1.01 0.00	28.71 0.96 0.00	22.76 0.66 0.00	21.84 0.53 0.00
INDIAN POINT___3 23531	16.85 0.64 0.00	15.46 0.57 0.00	10.70 0.40 0.00	12.01 0.43 0.00	12.35 0.43 0.00	13.52 0.47 0.00	18.08 0.63 0.00	18.86 0.74 0.00	16.73 0.67 0.00	18.24 0.71 0.00	23.25 0.97 0.00	23.80 0.99 0.00	24.25 1.02 0.00	23.90 1.03 0.00	23.76 0.93 0.00	22.35 0.84 0.00	26.22 1.05 0.00	29.87 1.20 0.00	30.15 1.17 0.00	32.93 1.27 0.00	26.86 1.01 0.00	28.72 0.97 0.00	22.76 0.66 0.00	21.84 0.54 0.00
INGHAM_C_115KV_TB7 356103	16.22 0.01 0.00	14.93 0.03 0.00	10.31 0.01 0.00	11.57 0.00 0.00	11.91 -0.01 0.00	13.03 -0.03 0.00	17.43 -0.02 0.00	18.26 0.14 0.00	16.22 0.16 0.00	17.62 0.10 0.00	22.36 0.08 0.00	22.86 0.05 0.00	23.23 0.01 0.00	22.93 0.06 0.00	22.86 0.03 0.00	21.54 0.02 0.00	25.24 0.07 0.00	28.88 0.21 0.00	29.03 0.05 0.00	31.64 -0.02 0.00	25.82 -0.03 0.00	27.60 -0.15 0.00	21.82 -0.28 0.00	20.88 -0.43 0.00
IP CORINTH___1 23988	16.89 0.68 0.00	15.52 0.62 0.00	10.70 0.41 0.00	12.04 0.46 0.00	12.40 0.48 0.00	13.61 0.56 0.00	18.23 0.78 0.00	19.06 0.94 0.00	16.97 0.91 0.00	18.49 0.97 0.00	23.65 1.37 0.00	24.17 1.36 0.00	24.60 1.38 0.00	24.23 1.36 0.00	24.21 1.38 0.00	22.81 1.30 0.00	26.86 1.69 0.00	30.63 1.96 0.00	30.81 1.84 0.00	33.62 1.96 0.00	27.30 1.44 0.00	29.25 1.49 0.00	23.14 1.03 0.00	22.16 0.86 0.00
IP___TICONDEROGA 23804	17.48 1.27 0.00	16.05 1.16 0.00	11.05 0.75 0.00	12.42 0.84 0.00	12.83 0.91 0.00	14.19 1.14 0.00	19.01 1.56 0.00	20.00 1.87 0.00	17.91 1.85 0.00	19.53 2.01 0.00	24.72 2.44 0.00	25.06 2.25 0.00	25.41 2.18 0.00	25.04 2.17 0.00	25.09 2.26 0.00	23.77 2.26 0.00	28.29 3.12 0.00	32.23 3.56 0.00	32.25 3.27 0.00	35.20 3.53 0.00	28.28 2.43 0.00	30.22 2.47 0.00	23.77 1.67 0.00	22.69 1.38 0.00
ISLIP_RES_REC 323679	17.78 1.50 -0.07	17.22 1.31 -1.01	11.43 0.91 -0.22	12.80 1.01 -0.21	12.93 1.01 0.00	14.14 1.09 0.00	18.95 1.51 0.00	19.69 1.57 0.00	29.26 1.47 -11.74	21.88 1.61 -2.75	26.31 2.01 -2.02	34.33 2.07 -9.44	25.39 2.16 0.00	25.04 2.17 0.00	24.72 1.89 0.00	23.00 1.49 0.00	27.03 1.85 0.00	30.94 2.26 0.00	31.05 2.08 0.00	33.93 2.27 0.00	27.67 1.81 0.00	29.68 1.92 0.00	23.53 1.42 0.00	22.53 1.23 0.00

JAMAICA__27_KV_LOAD 355505	17.13 0.92 0.00	15.72 0.82 0.00	10.88 0.59 0.00	12.19 0.60 0.00	12.54 0.62 0.00	13.73 0.68 0.00	18.33 0.89 0.00	19.17 1.04 0.00	17.01 0.96 0.00	18.57 1.05 0.00	23.71 1.43 0.00	24.26 1.45 0.00	24.66 1.44 0.00	24.38 1.51 0.00	24.23 1.40 0.00	22.72 1.21 0.00	26.64 1.47 0.00	30.28 1.61 0.00	30.54 1.56 0.00	33.36 1.70 0.00	27.21 1.36 0.00	29.05 1.30 0.00	23.04 0.93 0.00	22.14 0.84 0.00
JANIS__SOLAR 323808	16.41 0.20 0.00	15.08 0.18 0.00	10.42 0.13 0.00	11.73 0.15 0.00	12.13 0.21 0.00	13.35 0.30 0.00	18.04 0.59 0.00	18.74 0.62 0.00	16.52 0.45 0.00	17.99 0.46 0.00	22.89 0.61 0.00	23.44 0.63 0.00	23.87 0.64 0.00	23.47 0.60 0.00	23.48 0.65 0.00	22.12 0.61 0.00	25.96 0.79 0.00	29.58 0.90 0.00	29.89 0.91 0.00	32.52 0.86 0.00	26.53 0.68 0.00	28.40 0.65 0.00	22.59 0.49 0.00	21.74 0.43 0.00
JARVIS____ 23743	16.23 0.02 0.00	14.91 0.01 0.00	10.31 0.01 0.00	11.59 0.01 0.00	11.93 0.01 0.00	13.05 0.00 0.00	17.45 0.00 0.00	18.13 0.01 0.00	16.08 0.02 0.00	17.54 0.02 0.00	22.30 0.02 0.00	22.83 0.02 0.00	23.27 0.04 0.00	22.92 0.05 0.00	22.88 0.05 0.00	21.55 0.04 0.00	25.22 0.05 0.00	28.73 0.06 0.00	29.01 0.03 0.00	31.68 0.01 0.00	25.86 0.00 0.00	27.75 0.00 0.00	22.08 -0.02 0.00	21.27 -0.04 0.00
JENNISON____1 23625	16.29 0.08 0.00	15.00 0.10 0.00	10.41 0.12 0.00	11.74 0.16 0.00	12.14 0.22 0.00	13.34 0.29 0.00	18.02 0.58 0.00	18.71 0.59 0.00	16.50 0.43 0.00	17.95 0.42 0.00	22.84 0.56 0.00	23.40 0.59 0.00	23.78 0.55 0.00	23.48 0.61 0.00	23.49 0.66 0.00	22.13 0.62 0.00	25.86 0.69 0.00	29.47 0.80 0.00	29.69 0.72 0.00	32.33 0.67 0.00	26.47 0.62 0.00	28.24 0.49 0.00	22.43 0.33 0.00	21.54 0.23 0.00
JENNISON____2 23626	16.29 0.08 0.00	15.00 0.10 0.00	10.41 0.12 0.00	11.74 0.16 0.00	12.14 0.22 0.00	13.34 0.29 0.00	18.02 0.58 0.00	18.71 0.59 0.00	16.50 0.43 0.00	17.95 0.42 0.00	22.84 0.56 0.00	23.40 0.59 0.00	23.78 0.55 0.00	23.48 0.61 0.00	23.49 0.66 0.00	22.13 0.62 0.00	25.86 0.69 0.00	29.47 0.80 0.00	29.69 0.72 0.00	32.33 0.67 0.00	26.47 0.62 0.00	28.24 0.49 0.00	22.43 0.33 0.00	21.54 0.23 0.00
JERICOHO_RISE_WT_PWR 323719	16.61 0.40 0.00	15.26 0.36 0.00	10.53 0.23 0.00	11.85 0.27 0.00	12.18 0.27 0.00	13.36 0.31 0.00	17.88 0.44 0.00	18.60 0.48 0.00	16.46 0.40 0.00	17.99 0.47 0.00	22.90 0.62 0.00	23.43 0.62 0.00	23.83 0.61 0.00	23.44 0.57 0.00	23.44 0.61 0.00	22.11 0.60 0.00	25.91 0.74 0.00	29.52 0.85 0.00	29.93 0.95 0.00	32.75 1.09 0.00	26.75 0.90 0.00	28.68 0.93 0.00	22.83 0.73 0.00	22.01 0.70 0.00
KATONAH__115KV_46KV_TB4 355592	16.97 0.77 0.00	15.58 0.68 0.00	10.78 0.48 0.00	12.09 0.51 0.00	12.44 0.52 0.00	13.63 0.58 0.00	18.22 0.77 0.00	19.00 0.88 0.00	16.87 0.81 0.00	18.40 0.88 0.00	23.47 1.19 0.00	24.02 1.21 0.00	24.47 1.25 0.00	24.11 1.24 0.00	23.98 1.15 0.00	22.55 1.04 0.00	26.47 1.30 0.00	30.18 1.51 0.00	30.45 1.47 0.00	33.24 1.58 0.00	27.10 1.25 0.00	28.96 1.21 0.00	22.95 0.85 0.00	22.01 0.70 0.00
KCE_NY_1 323755	16.87 0.66 0.00	15.49 0.60 0.00	10.69 0.40 0.00	12.03 0.45 0.00	12.38 0.46 0.00	13.57 0.52 0.00	18.15 0.71 0.00	18.96 0.84 0.00	16.84 0.78 0.00	18.36 0.83 0.00	23.39 1.11 0.00	23.92 1.11 0.00	24.34 1.11 0.00	23.96 1.09 0.00	23.93 1.10 0.00	22.54 1.03 0.00	26.49 1.32 0.00	30.20 1.53 0.00	30.41 1.43 0.00	33.21 1.55 0.00	27.01 1.16 0.00	28.95 1.20 0.00	22.93 0.83 0.00	22.01 0.70 0.00
KCE_NY_6_ESR 323823	14.99 -1.22 0.00	13.75 -1.15 0.00	9.52 -0.77 0.00	10.76 -0.82 0.00	11.11 -0.81 0.00	12.32 -0.73 0.00	16.69 -0.75 0.00	17.10 -1.03 0.00	15.03 -1.03 0.00	16.48 -1.04 0.00	20.93 -1.35 0.00	21.52 -1.29 0.00	21.82 -1.41 0.00	21.36 -1.51 0.00	21.41 -1.42 0.00	20.05 -1.46 0.00	23.44 -1.73 0.00	26.67 -2.00 0.00	27.12 -1.85 0.00	29.52 -2.14 0.00	24.05 -1.80 0.00	25.73 -2.02 0.00	20.76 -1.34 0.00	20.31 -1.00 0.00
KEDC_PORT_JEFF_GT2 24210	17.69 1.42 -0.07	17.14 1.23 -1.01	11.37 0.86 -0.22	12.74 0.95 -0.21	12.86 0.94 0.00	14.07 1.02 0.00	18.84 1.39 0.00	19.57 1.45 0.00	29.16 1.36 -11.74	21.78 1.49 -2.76	26.14 1.84 -2.02	34.16 1.91 -9.44	25.22 1.99 0.00	24.87 2.00 0.00	24.56 1.73 0.00	22.83 1.33 0.00	26.83 1.66 0.00	30.71 2.03 0.00	30.83 1.86 0.00	33.69 2.03 0.00	27.47 1.62 0.00	29.48 1.73 0.00	23.38 1.28 0.00	22.41 1.10 0.00
KEDC_PORT_JEFF_GT3 24211	17.69 1.42 -0.07	17.14 1.23 -1.01	11.37 0.86 -0.22	12.74 0.95 -0.21	12.86 0.94 0.00	14.07 1.02 0.00	18.84 1.39 0.00	19.57 1.45 0.00	29.16 1.36 -11.74	21.78 1.49 -2.76	26.14 1.84 -2.02	34.16 1.91 -9.44	25.22 1.99 0.00	24.87 2.00 0.00	24.56 1.73 0.00	22.83 1.33 0.00	26.83 1.66 0.00	30.71 2.03 0.00	30.83 1.86 0.00	33.69 2.03 0.00	27.47 1.62 0.00	29.48 1.73 0.00	23.38 1.28 0.00	22.41 1.10 0.00
KEDC_GLWD_GT4 24219	17.31 1.04 -0.05	16.84 0.92 -1.01	11.17 0.66 -0.22	12.50 0.71 -0.21	12.62 0.70 0.00	13.81 0.76 0.00	18.48 1.03 0.00	19.24 1.11 0.00	28.84 1.06 -11.72	21.40 1.18 -2.70	25.88 1.59 -2.02	33.90 1.65 -9.44	24.90 1.67 0.00	24.54 1.67 0.00	24.33 1.51 0.00	22.82 1.31 0.00	26.82 1.65 0.00	30.60 1.93 0.00	30.80 1.83 0.00	33.65 1.99 0.00	27.40 1.55 0.00	29.31 1.56 0.00	23.22 1.12 0.00	22.25 0.94 0.00
KEDC_GLWD_GT5 24220	17.31 1.04 -0.05	16.84 0.92 -1.01	11.17 0.66 -0.22	12.50 0.71 -0.21	12.62 0.70 0.00	13.81 0.76 0.00	18.48 1.03 0.00	19.24 1.11 0.00	28.84 1.06 -11.72	21.40 1.18 -2.70	25.88 1.59 -2.02	33.90 1.65 -9.44	24.90 1.67 0.00	24.54 1.67 0.00	24.33 1.51 0.00	22.82 1.31 0.00	26.82 1.65 0.00	30.60 1.93 0.00	30.80 1.83 0.00	33.65 1.99 0.00	27.40 1.55 0.00	29.31 1.56 0.00	23.22 1.12 0.00	22.25 0.94 0.00
KENSICO____ 23655	16.91 0.70 0.00	15.51 0.62 0.00	10.73 0.44 0.00	12.04 0.46 0.00	12.39 0.47 0.00	13.57 0.51 0.00	18.13 0.68 0.00	18.92 0.79 0.00	16.79 0.73 0.00	18.31 0.78 0.00	23.35 1.07 0.00	23.90 1.09 0.00	24.35 1.13 0.00	24.00 1.13 0.00	23.85 1.02 0.00	22.44 0.93 0.00	26.32 1.15 0.00	29.98 1.31 0.00	30.25 1.27 0.00	33.04 1.38 0.00	26.94 1.09 0.00	28.81 1.06 0.00	22.83 0.73 0.00	21.91 0.60 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	17.10 0.89 0.00	15.67 0.77 0.00	10.84 0.55 0.00	12.17 0.59 0.00	12.52 0.60 0.00	13.73 0.68 0.00	18.40 0.95 0.00	19.18 1.06 0.00	17.02 0.96 0.00	18.55 1.03 0.00	23.62 1.34 0.00	24.13 1.32 0.00	24.56 1.33 0.00	24.13 1.27 0.00	24.00 1.17 0.00	22.62 1.11 0.00	26.62 1.45 0.00	30.36 1.69 0.00	30.66 1.68 0.00	33.46 1.80 0.00	27.27 1.41 0.00	29.11 1.35 0.00	23.06 0.96 0.00	22.11 0.81 0.00

KIAC_JFK_GT1 23816	17.08 0.87 0.00	15.67 0.78 0.00	10.85 0.55 0.00	12.15 0.57 0.00	12.51 0.58 0.00	13.69 0.64 0.00	18.27 0.82 0.00	19.10 0.98 0.00	16.96 0.90 0.00	18.51 0.99 0.00	23.64 1.36 0.00	24.17 1.36 0.00	24.58 1.35 0.00	24.30 1.43 0.00	24.15 1.32 0.00	22.65 1.13 0.00	26.54 1.37 0.00	30.18 1.51 0.00	30.44 1.46 0.00	33.25 1.58 0.00	27.12 1.26 0.00	28.95 1.20 0.00	22.96 0.86 0.00	22.07 0.76 0.00
KIAC_JFK_GT2 23817	17.08 0.87 0.00	15.67 0.78 0.00	10.85 0.55 0.00	12.15 0.57 0.00	12.51 0.58 0.00	13.69 0.64 0.00	18.27 0.82 0.00	19.10 0.98 0.00	16.96 0.90 0.00	18.51 0.99 0.00	23.64 1.36 0.00	24.17 1.36 0.00	24.58 1.35 0.00	24.30 1.43 0.00	24.15 1.32 0.00	22.65 1.13 0.00	26.54 1.37 0.00	30.18 1.51 0.00	30.44 1.46 0.00	33.25 1.58 0.00	27.12 1.26 0.00	28.95 1.20 0.00	22.96 0.86 0.00	22.07 0.76 0.00
KIAC_JFK____ 323774	17.07 0.87 0.00	15.67 0.78 0.00	10.85 0.55 0.00	12.15 0.57 0.00	12.51 0.59 0.00	13.69 0.64 0.00	18.27 0.82 0.00	19.10 0.98 0.00	16.96 0.90 0.00	18.51 0.98 0.00	23.63 1.36 0.00	24.17 1.36 0.00	24.58 1.35 0.00	24.30 1.43 0.00	24.15 1.32 0.00	22.64 1.13 0.00	26.54 1.37 0.00	30.17 1.50 0.00	30.43 1.46 0.00	33.24 1.58 0.00	27.11 1.26 0.00	28.95 1.20 0.00	22.96 0.85 0.00	22.07 0.76 0.00
KINTIGH____ 23543	14.82 -1.39 0.00	13.60 -1.30 0.00	9.42 -0.88 0.00	10.64 -0.94 0.00	10.98 -0.94 0.00	12.14 -0.91 0.00	16.39 -1.06 0.00	16.81 -1.31 0.00	14.81 -1.25 0.00	16.21 -1.31 0.00	20.58 -1.71 0.00	21.12 -1.69 0.00	21.45 -1.78 0.00	21.02 -1.85 0.00	21.05 -1.78 0.00	19.72 -1.80 0.00	23.03 -2.14 0.00	26.18 -2.49 0.00	26.58 -2.40 0.00	28.97 -2.69 0.00	23.62 -2.23 0.00	25.30 -2.45 0.00	20.40 -1.70 0.00	19.94 -1.37 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	16.89 0.67 0.00	15.50 0.61 0.00	10.69 0.40 0.00	12.02 0.44 0.00	12.37 0.45 0.00	13.57 0.52 0.00	18.18 0.73 0.00	18.96 0.84 0.00	16.79 0.73 0.00	18.32 0.80 0.00	23.31 1.02 0.00	23.82 1.01 0.00	24.22 0.99 0.00	23.82 0.95 0.00	23.81 0.98 0.00	22.50 0.99 0.00	26.42 1.25 0.00	30.13 1.46 0.00	30.49 1.52 0.00	33.36 1.70 0.00	27.21 1.36 0.00	29.16 1.41 0.00	23.18 1.08 0.00	22.32 1.02 0.00
LACHUTE____HYDRO 323717	17.48 1.27 0.00	16.06 1.16 0.00	11.05 0.75 0.00	12.42 0.84 0.00	12.83 0.91 0.00	14.19 1.14 0.00	19.01 1.56 0.00	20.00 1.87 0.00	17.91 1.85 0.00	19.53 2.01 0.00	24.72 2.44 0.00	25.06 2.25 0.00	25.41 2.18 0.00	25.04 2.17 0.00	25.09 2.26 0.00	23.77 2.26 0.00	28.29 3.11 0.00	32.23 3.56 0.00	32.25 3.27 0.00	35.20 3.53 0.00	28.28 2.43 0.00	30.22 2.47 0.00	23.77 1.67 0.00	22.69 1.38 0.00
LAWRNCALV_115KV_TB1 80681	16.17 -0.04 0.00	14.88 -0.02 0.00	10.26 -0.03 0.00	11.56 -0.02 0.00	11.91 -0.01 0.00	13.06 0.01 0.00	17.49 0.04 0.00	18.15 0.03 0.00	16.04 -0.02 0.00	17.49 -0.04 0.00	22.24 -0.04 0.00	22.79 -0.02 0.00	23.24 0.01 0.00	22.87 0.00 0.00	22.89 0.06 0.00	21.58 0.06 0.00	25.25 0.08 0.00	28.82 0.15 0.00	29.28 0.30 0.00	32.06 0.40 0.00	26.18 0.33 0.00	28.06 0.31 0.00	22.32 0.22 0.00	21.52 0.21 0.00
LEDERLE____ 23769	16.89 0.68 0.00	15.50 0.60 0.00	10.72 0.43 0.00	12.03 0.45 0.00	12.38 0.46 0.00	13.56 0.51 0.00	18.16 0.71 0.00	18.94 0.82 0.00	16.80 0.73 0.00	18.30 0.77 0.00	23.32 1.04 0.00	23.89 1.08 0.00	24.34 1.12 0.00	23.99 1.12 0.00	23.84 1.01 0.00	22.43 0.92 0.00	26.32 1.15 0.00	29.98 1.31 0.00	30.29 1.31 0.00	33.09 1.43 0.00	27.00 1.14 0.00	28.84 1.09 0.00	22.86 0.76 0.00	21.93 0.62 0.00
LIGHTHSE_115KV_TB6 355974	15.67 -0.54 0.00	14.41 -0.49 0.00	9.95 -0.34 0.00	11.21 -0.37 0.00	11.57 -0.35 0.00	12.67 -0.38 0.00	17.00 -0.45 0.00	17.62 -0.51 0.00	15.55 -0.51 0.00	16.95 -0.58 0.00	21.45 -0.83 0.00	21.96 -0.85 0.00	22.52 -0.71 0.00	22.19 -0.68 0.00	22.18 -0.65 0.00	20.97 -0.54 0.00	24.53 -0.64 0.00	27.93 -0.74 0.00	28.22 -0.75 0.00	30.78 -0.88 0.00	25.10 -0.75 0.00	26.99 -0.76 0.00	21.51 -0.59 0.00	20.77 -0.53 0.00
LINDEN COGEN____ 23786	16.89 0.68 0.00	15.49 0.59 0.00	10.73 0.43 0.00	12.03 0.45 0.00	12.37 0.45 0.00	13.54 0.49 0.00	18.09 0.64 0.00	18.88 0.75 0.00	16.76 0.70 0.00	18.27 0.74 0.00	23.33 1.05 0.00	23.87 1.06 0.00	24.32 1.09 0.00	23.98 1.11 0.00	23.81 0.98 0.00	22.39 0.88 0.00	26.24 1.07 0.00	29.88 1.21 0.00	30.18 1.20 0.00	32.95 1.29 0.00	26.90 1.05 0.00	28.75 1.00 0.00	22.77 0.67 0.00	21.85 0.54 0.00
LINDHRST_69_KV_BK1 356055	17.53 1.27 -0.06	17.02 1.11 -1.01	11.29 0.78 -0.22	12.64 0.85 -0.21	12.76 0.84 0.00	13.97 0.91 0.00	18.70 1.26 0.00	19.45 1.33 0.00	21.62 1.25 -11.72	26.15 1.40 -2.70	34.19 1.86 -2.02	34.19 1.94 -9.44	25.18 1.95 0.00	24.84 1.97 0.00	24.59 1.76 0.00	23.02 1.51 0.00	27.08 1.91 0.00	30.95 2.27 0.00	31.12 2.14 0.00	34.00 2.34 0.00	27.68 1.83 0.00	29.62 1.87 0.00	23.48 1.38 0.00	22.49 1.18 0.00
LIPA_MISC_IPP 23656	17.70 1.42 -0.07	17.15 1.24 -1.01	11.37 0.86 -0.22	12.74 0.96 -0.21	12.87 0.95 0.00	14.08 1.03 0.00	18.85 1.40 0.00	19.56 1.44 0.00	29.17 1.38 -11.74	21.82 1.53 -2.76	26.08 1.79 -2.02	34.09 1.84 -9.44	25.15 1.93 0.00	24.81 1.94 0.00	24.49 1.66 0.00	22.70 1.19 0.00	26.66 1.49 0.00	30.51 1.84 0.00	30.63 1.66 0.00	33.47 1.81 0.00	27.34 1.49 0.00	29.39 1.64 0.00	23.30 1.20 0.00	22.34 1.03 0.00
LISF____SOLAR 323691	17.74 1.46 -0.07	17.18 1.27 -1.01	11.40 0.89 -0.22	12.77 0.98 -0.21	12.90 0.98 0.00	14.11 1.06 0.00	18.89 1.44 0.00	19.61 1.48 0.00	29.20 1.40 -11.74	21.81 1.53 -2.76	26.12 1.82 -2.02	34.13 1.88 -9.44	25.20 1.97 0.00	24.85 1.98 0.00	24.54 1.70 0.00	22.74 1.23 0.00	26.71 1.54 0.00	30.56 1.89 0.00	30.69 1.71 0.00	33.53 1.87 0.00	27.39 1.54 0.00	29.44 1.69 0.00	23.34 1.24 0.00	22.38 1.07 0.00
LITTLE FALLS____HYD 24013	16.22 0.01 0.00	14.93 0.03 0.00	10.31 0.01 0.00	11.57 0.00 0.00	11.91 -0.01 0.00	13.03 -0.03 0.00	17.43 -0.02 0.00	18.26 0.14 0.00	16.22 0.16 0.00	17.62 0.10 0.00	22.36 0.08 0.00	22.86 0.05 0.00	23.23 0.01 0.00	22.93 0.06 0.00	22.86 0.03 0.00	21.54 0.02 0.00	25.24 0.07 0.00	28.88 0.21 0.00	29.03 0.05 0.00	31.64 -0.02 0.00	25.82 -0.03 0.00	27.60 -0.15 0.00	21.82 -0.28 0.00	20.88 -0.43 0.00
LITTLRIV_115KV_TB1 356100	16.36 0.15 0.00	15.06 0.16 0.00	10.39 0.09 0.00	11.71 0.13 0.00	12.08 0.16 0.00	13.26 0.21 0.00	17.79 0.34 0.00	18.48 0.36 0.00	16.30 0.24 0.00	17.77 0.24 0.00	22.57 0.29 0.00	23.10 0.29 0.00	23.57 0.34 0.00	23.20 0.33 0.00	23.26 0.43 0.00	21.93 0.41 0.00	25.68 0.50 0.00	29.35 0.68 0.00	29.89 0.91 0.00	32.74 1.08 0.00	26.71 0.85 0.00	28.58 0.83 0.00	22.71 0.61 0.00	21.87 0.56 0.00

LI_NEWBRDGE___DRP 323616	17.19 0.93 -0.05	16.73 0.82 -1.01	11.10 0.59 -0.22	12.42 0.63 -0.21	12.54 0.62 0.00	13.72 0.67 0.00	18.34 0.89 0.00	19.08 0.96 0.00	28.70 0.92 -11.72	21.25 1.03 -2.70	25.66 1.36 -2.02	33.67 1.42 -9.44	24.66 1.43 0.00	24.30 1.44 0.00	24.09 1.26 0.00	22.59 1.08 0.00	26.53 1.36 0.00	30.27 1.60 0.00	30.47 1.50 0.00	33.30 1.63 0.00	27.13 1.28 0.00	29.03 1.28 0.00	23.02 0.91 0.00	22.06 0.76 0.00
LOCKPORT_115KV_TB60_63_64 80432	14.75 -1.46 0.00	13.53 -1.37 0.00	9.37 -0.93 0.00	10.60 -0.98 0.00	10.94 -0.98 0.00	12.13 -0.92 0.00	16.41 -1.04 0.00	16.72 -1.40 0.00	14.69 -1.36 0.00	16.12 -1.40 0.00	20.46 -1.82 0.00	21.03 -1.78 0.00	21.35 -1.88 0.00	20.90 -1.98 0.00	20.95 -1.88 0.00	19.61 -1.90 0.00	22.92 -2.25 0.00	26.06 -2.62 0.00	26.46 -2.51 0.00	28.83 -2.83 0.00	23.49 -2.36 0.00	25.12 -2.63 0.00	20.35 -1.76 0.00	19.97 -1.34 0.00
LOCKPORT___CC1 323769	14.73 -1.48 0.00	13.51 -1.39 0.00	9.35 -0.94 0.00	10.59 -0.99 0.00	10.93 -0.99 0.00	12.12 -0.94 0.00	16.39 -1.06 0.00	16.71 -1.42 0.00	14.69 -1.37 0.00	16.11 -1.41 0.00	20.45 -1.82 0.00	21.02 -1.79 0.00	21.33 -1.89 0.00	20.88 -1.99 0.00	20.94 -1.89 0.00	19.60 -1.91 0.00	22.89 -2.28 0.00	26.03 -2.64 0.00	26.44 -2.53 0.00	28.79 -2.87 0.00	23.47 -2.38 0.00	25.10 -2.65 0.00	20.32 -1.78 0.00	19.94 -1.37 0.00
LOCKPORT___CC2 323770	14.73 -1.48 0.00	13.51 -1.39 0.00	9.35 -0.94 0.00	10.59 -0.99 0.00	10.93 -0.99 0.00	12.12 -0.94 0.00	16.39 -1.06 0.00	16.71 -1.42 0.00	14.69 -1.37 0.00	16.11 -1.41 0.00	20.45 -1.82 0.00	21.02 -1.79 0.00	21.33 -1.89 0.00	20.88 -1.99 0.00	20.94 -1.89 0.00	19.60 -1.91 0.00	22.89 -2.28 0.00	26.03 -2.64 0.00	26.44 -2.53 0.00	28.79 -2.87 0.00	23.47 -2.38 0.00	25.10 -2.65 0.00	20.32 -1.78 0.00	19.94 -1.37 0.00
LOCKPORT___CC3 323771	14.73 -1.48 0.00	13.51 -1.39 0.00	9.35 -0.94 0.00	10.59 -0.99 0.00	10.93 -0.99 0.00	12.12 -0.94 0.00	16.39 -1.06 0.00	16.71 -1.42 0.00	14.69 -1.37 0.00	16.11 -1.41 0.00	20.45 -1.82 0.00	21.02 -1.79 0.00	21.33 -1.89 0.00	20.88 -1.99 0.00	20.94 -1.89 0.00	19.60 -1.91 0.00	22.89 -2.28 0.00	26.03 -2.64 0.00	26.44 -2.53 0.00	28.79 -2.87 0.00	23.47 -2.38 0.00	25.10 -2.65 0.00	20.32 -1.78 0.00	19.94 -1.37 0.00
LONG_LAKE_PHOENIX 24014	15.71 -0.50 0.00	14.44 -0.46 0.00	9.98 -0.31 0.00	11.24 -0.34 0.00	11.58 -0.34 0.00	12.69 -0.36 0.00	16.98 -0.46 0.00	17.61 -0.52 0.00	15.59 -0.47 0.00	17.01 -0.51 0.00	21.59 -0.69 0.00	22.09 -0.72 0.00	22.49 -0.74 0.00	22.15 -0.72 0.00	22.12 -0.71 0.00	20.89 -0.62 0.00	24.42 -0.76 0.00	27.79 -0.88 0.00	28.05 -0.93 0.00	30.63 -1.04 0.00	25.00 -0.85 0.00	26.91 -0.84 0.00	21.49 -0.61 0.00	20.76 -0.55 0.00
LOVETT___3 23632	16.83 0.62 0.00	15.44 0.54 0.00	10.69 0.39 0.00	11.99 0.41 0.00	12.33 0.41 0.00	13.51 0.46 0.00	18.07 0.62 0.00	18.85 0.73 0.00	16.71 0.65 0.00	18.20 0.68 0.00	23.21 0.93 0.00	23.76 0.95 0.00	24.22 1.00 0.00	23.87 1.00 0.00	23.72 0.89 0.00	22.32 0.80 0.00	26.18 1.01 0.00	29.83 1.16 0.00	30.12 1.14 0.00	32.92 1.25 0.00	26.84 0.99 0.00	28.70 0.95 0.00	22.74 0.64 0.00	21.82 0.52 0.00
LOVETT___4 23642	16.83 0.62 0.00	15.44 0.54 0.00	10.69 0.39 0.00	11.99 0.41 0.00	12.33 0.41 0.00	13.51 0.46 0.00	18.07 0.62 0.00	18.85 0.73 0.00	16.71 0.65 0.00	18.20 0.68 0.00	23.21 0.93 0.00	23.76 0.95 0.00	24.22 1.00 0.00	23.87 1.00 0.00	23.72 0.89 0.00	22.32 0.80 0.00	26.18 1.01 0.00	29.83 1.16 0.00	30.12 1.14 0.00	32.92 1.25 0.00	26.84 0.99 0.00	28.70 0.95 0.00	22.74 0.64 0.00	21.82 0.52 0.00
LOVETT___5 23593	16.83 0.62 0.00	15.44 0.54 0.00	10.69 0.39 0.00	11.99 0.41 0.00	12.33 0.41 0.00	13.51 0.46 0.00	18.07 0.62 0.00	18.85 0.73 0.00	16.71 0.65 0.00	18.20 0.68 0.00	23.21 0.93 0.00	23.76 0.95 0.00	24.22 1.00 0.00	23.87 1.00 0.00	23.72 0.89 0.00	22.32 0.80 0.00	26.18 1.01 0.00	29.83 1.16 0.00	30.12 1.14 0.00	32.92 1.25 0.00	26.84 0.99 0.00	28.70 0.95 0.00	22.74 0.64 0.00	21.82 0.52 0.00
LOWER RAQUET___HYD 24057	16.09 -0.12 0.00	14.80 -0.09 0.00	10.21 -0.09 0.00	11.50 -0.08 0.00	11.86 -0.06 0.00	12.99 -0.05 0.00	17.41 -0.04 0.00	18.07 -0.05 0.00	15.95 -0.11 0.00	17.39 -0.13 0.00	22.11 -0.17 0.00	22.66 -0.15 0.00	23.12 -0.11 0.00	22.76 -0.12 0.00	22.79 -0.04 0.00	21.47 -0.03 0.00	25.14 -0.03 0.00	28.70 0.03 0.00	29.16 0.18 0.00	31.93 0.27 0.00	26.08 0.22 0.00	27.94 0.19 0.00	22.21 0.11 0.00	21.41 0.10 0.00
LOWER___HUDSON 24059	16.67 0.46 0.00	15.34 0.44 0.00	10.60 0.30 0.00	11.91 0.33 0.00	12.25 0.33 0.00	13.39 0.34 0.00	17.88 0.43 0.00	18.65 0.53 0.00	16.56 0.50 0.00	18.04 0.52 0.00	22.92 0.64 0.00	23.42 0.61 0.00	23.86 0.63 0.00	23.50 0.63 0.00	23.48 0.65 0.00	22.13 0.62 0.00	25.94 0.76 0.00	29.55 0.88 0.00	29.75 0.77 0.00	32.51 0.85 0.00	26.53 0.67 0.00	28.44 0.68 0.00	22.55 0.45 0.00	21.66 0.35 0.00
LOWVILLE_115KV_TB2 356335	16.05 -0.16 0.00	14.79 -0.11 0.00	10.18 -0.12 0.00	11.49 -0.09 0.00	11.90 -0.02 0.00	13.04 -0.02 0.00	17.52 0.08 0.00	18.05 -0.08 0.00	15.76 -0.30 0.00	17.16 -0.36 0.00	21.78 -0.51 0.00	22.48 -0.33 0.00	23.23 0.01 0.00	22.84 -0.03 0.00	22.98 0.15 0.00	21.70 0.19 0.00	25.36 0.19 0.00	28.91 0.23 0.00	29.28 0.30 0.00	31.87 0.21 0.00	25.98 0.13 0.00	27.92 0.17 0.00	22.13 0.03 0.00	21.35 0.04 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	16.87 0.66 0.00	15.50 0.60 0.00	10.70 0.41 0.00	12.03 0.45 0.00	12.39 0.47 0.00	13.57 0.52 0.00	18.15 0.70 0.00	18.94 0.82 0.00	16.83 0.77 0.00	18.35 0.83 0.00	23.37 1.09 0.00	23.88 1.07 0.00	24.32 1.09 0.00	23.95 1.08 0.00	23.92 1.09 0.00	22.54 1.03 0.00	26.47 1.30 0.00	30.18 1.51 0.00	30.38 1.41 0.00	33.18 1.52 0.00	27.00 1.15 0.00	28.94 1.19 0.00	22.93 0.83 0.00	22.01 0.70 0.00
LUTHERNY_35_KV_BK2 355980	16.87 0.66 0.00	15.49 0.60 0.00	10.70 0.40 0.00	12.03 0.45 0.00	12.38 0.46 0.00	13.57 0.52 0.00	18.15 0.70 0.00	18.96 0.84 0.00	16.84 0.78 0.00	18.36 0.84 0.00	23.40 1.12 0.00	23.92 1.11 0.00	24.34 1.11 0.00	23.96 1.09 0.00	23.93 1.10 0.00	22.54 1.03 0.00	26.49 1.32 0.00	30.20 1.53 0.00	30.41 1.43 0.00	33.21 1.54 0.00	27.01 1.16 0.00	28.95 1.20 0.00	22.93 0.83 0.00	22.01 0.70 0.00
LWR___OSWEGATCHIE_HYD 23850	15.88 -0.33 0.00	14.62 -0.27 0.00	10.08 -0.22 0.00	11.36 -0.22 0.00	11.74 -0.18 0.00	12.86 -0.19 0.00	17.26 -0.18 0.00	17.86 -0.26 0.00	15.70 -0.36 0.00	17.10 -0.42 0.00	21.69 -0.59 0.00	22.29 -0.52 0.00	22.90 -0.33 0.00	22.54 -0.33 0.00	22.62 -0.21 0.00	21.34 -0.16 0.00	24.97 -0.20 0.00	28.48 -0.19 0.00	28.90 -0.08 0.00	31.55 -0.11 0.00	25.74 -0.11 0.00	27.61 -0.15 0.00	21.92 -0.18 0.00	21.14 -0.17 0.00

LYONS_FALL_HYD 23570	16.19 -0.02 0.00	14.92 0.02 0.00	10.28 -0.02 0.00	11.59 0.01 0.00	11.98 0.06 0.00	13.13 0.07 0.00	17.63 0.18 0.00	18.22 0.10 0.00	16.02 -0.04 0.00	17.46 -0.06 0.00	22.16 -0.11 0.00	22.81 0.00 0.00	23.45 0.23 0.00	23.07 0.19 0.00	23.14 0.31 0.00	21.84 0.33 0.00	25.55 0.38 0.00	29.11 0.44 0.00	29.44 0.46 0.00	32.07 0.41 0.00	26.15 0.30 0.00	28.08 0.32 0.00	22.28 0.18 0.00	21.47 0.16 0.00
MADISON___COUNTY_LFGE 323628	16.38 0.17 0.00	15.08 0.18 0.00	10.41 0.12 0.00	11.72 0.14 0.00	12.08 0.16 0.00	13.27 0.22 0.00	17.81 0.36 0.00	18.48 0.36 0.00	16.37 0.30 0.00	17.86 0.34 0.00	22.69 0.41 0.00	23.27 0.46 0.00	23.75 0.52 0.00	23.39 0.52 0.00	23.37 0.54 0.00	22.05 0.53 0.00	25.83 0.65 0.00	29.34 0.67 0.00	29.63 0.66 0.00	32.29 0.63 0.00	26.32 0.47 0.00	28.24 0.49 0.00	22.47 0.36 0.00	21.63 0.32 0.00
MALONE___115KV_TB1 356076	16.67 0.46 0.00	15.31 0.42 0.00	10.56 0.27 0.00	11.89 0.31 0.00	12.24 0.32 0.00	13.43 0.38 0.00	17.99 0.54 0.00	18.72 0.60 0.00	16.57 0.51 0.00	18.17 0.64 0.00	23.11 0.83 0.00	23.64 0.83 0.00	24.04 0.81 0.00	23.63 0.76 0.00	23.63 0.81 0.00	22.31 0.80 0.00	26.16 0.99 0.00	29.84 1.17 0.00	30.28 1.31 0.00	33.14 1.48 0.00	27.06 1.21 0.00	28.98 1.23 0.00	23.05 0.95 0.00	22.18 0.87 0.00
MAPLEWOD_115KV_TB3 80458	16.62 0.41 0.00	15.30 0.40 0.00	10.57 0.27 0.00	11.88 0.30 0.00	12.22 0.30 0.00	13.36 0.31 0.00	17.80 0.36 0.00	18.56 0.43 0.00	16.47 0.41 0.00	17.95 0.43 0.00	22.77 0.49 0.00	23.29 0.48 0.00	23.74 0.51 0.00	23.38 0.51 0.00	23.35 0.52 0.00	22.01 0.50 0.00	25.80 0.62 0.00	29.38 0.71 0.00	29.59 0.62 0.00	32.33 0.67 0.00	26.38 0.53 0.00	28.28 0.52 0.00	22.43 0.32 0.00	21.56 0.25 0.00
MAPLE RIDGE_WT_1 323574	15.99 -0.22 0.00	14.70 -0.20 0.00	10.13 -0.16 0.00	11.44 -0.14 0.00	11.77 -0.15 0.00	12.86 -0.19 0.00	17.15 -0.30 0.00	17.71 -0.41 0.00	15.72 -0.34 0.00	17.20 -0.32 0.00	22.02 -0.26 0.00	22.66 -0.15 0.00	23.13 -0.10 0.00	22.76 -0.11 0.00	22.80 -0.03 0.00	21.43 -0.09 0.00	25.05 -0.12 0.00	28.54 -0.13 0.00	28.79 -0.19 0.00	31.54 -0.12 0.00	25.79 -0.06 0.00	27.71 -0.05 0.00	22.07 -0.03 0.00	21.30 -0.01 0.00
MAPLE RIDGE_WT_2 323611	15.99 -0.22 0.00	14.70 -0.20 0.00	10.13 -0.16 0.00	11.44 -0.14 0.00	11.77 -0.15 0.00	12.86 -0.19 0.00	17.15 -0.30 0.00	17.71 -0.41 0.00	15.72 -0.34 0.00	17.20 -0.32 0.00	22.02 -0.26 0.00	22.66 -0.15 0.00	23.13 -0.10 0.00	22.76 -0.11 0.00	22.80 -0.03 0.00	21.43 -0.09 0.00	25.05 -0.12 0.00	28.54 -0.13 0.00	28.79 -0.19 0.00	31.54 -0.12 0.00	25.79 -0.06 0.00	27.71 -0.05 0.00	22.07 -0.03 0.00	21.30 -0.01 0.00
MARBLE_RIVER_WT_PWR 323696	16.64 0.43 0.00	15.29 0.39 0.00	10.55 0.26 0.00	11.87 0.29 0.00	12.21 0.29 0.00	13.39 0.34 0.00	17.92 0.47 0.00	18.66 0.53 0.00	16.51 0.45 0.00	18.03 0.51 0.00	22.93 0.65 0.00	23.47 0.66 0.00	23.88 0.65 0.00	23.49 0.62 0.00	23.48 0.65 0.00	22.16 0.65 0.00	25.97 0.80 0.00	29.59 0.92 0.00	29.97 1.00 0.00	32.80 1.14 0.00	26.79 0.94 0.00	28.72 0.97 0.00	22.86 0.76 0.00	22.03 0.72 0.00
MARSHVLE_115KV_TB1 80742	17.01 0.80 0.00	15.59 0.69 0.00	10.76 0.47 0.00	12.13 0.55 0.00	12.52 0.60 0.00	13.76 0.71 0.00	18.46 1.01 0.00	19.16 1.04 0.00	16.97 0.91 0.00	18.52 1.00 0.00	23.51 1.23 0.00	24.11 1.31 0.00	24.58 1.35 0.00	24.19 1.32 0.00	24.17 1.34 0.00	22.71 1.20 0.00	26.70 1.53 0.00	30.49 1.82 0.00	30.87 1.90 0.00	33.68 2.02 0.00	27.39 1.54 0.00	29.40 1.65 0.00	23.39 1.28 0.00	22.61 1.30 0.00
MARSH_HILL_WT_PWR 323713	14.61 -1.60 0.00	13.46 -1.44 0.00	9.35 -0.94 0.00	10.48 -1.10 0.00	10.83 -1.10 0.00	12.02 -1.03 0.00	16.29 -1.15 0.00	16.85 -1.27 0.00	14.86 -1.20 0.00	16.24 -1.29 0.00	20.77 -1.51 0.00	21.40 -1.41 0.00	21.72 -1.51 0.00	21.19 -1.68 0.00	21.15 -1.68 0.00	19.83 -1.68 0.00	23.12 -2.05 0.00	26.42 -2.25 0.00	26.88 -2.10 0.00	29.19 -2.47 0.00	23.74 -2.11 0.00	25.57 -2.18 0.00	20.68 -1.42 0.00	20.17 -1.14 0.00
MCINTYRE_115KV_TB2 80467	16.57 0.36 0.00	15.25 0.36 0.00	10.52 0.23 0.00	11.86 0.28 0.00	12.24 0.32 0.00	13.45 0.39 0.00	18.03 0.58 0.00	18.74 0.61 0.00	16.52 0.46 0.00	18.01 0.49 0.00	22.86 0.58 0.00	23.40 0.59 0.00	23.85 0.62 0.00	23.47 0.60 0.00	23.55 0.72 0.00	22.20 0.69 0.00	26.02 0.85 0.00	29.75 1.09 0.00	30.31 1.34 0.00	33.22 1.56 0.00	27.09 1.24 0.00	28.99 1.24 0.00	23.03 0.93 0.00	22.19 0.88 0.00
MECO___69_KV_BK1 80468	17.55 1.34 0.00	16.10 1.20 0.00	11.12 0.83 0.00	12.53 0.95 0.00	12.93 1.01 0.00	14.23 1.18 0.00	19.15 1.70 0.00	19.97 1.85 0.00	17.68 1.62 0.00	19.26 1.73 0.00	24.43 2.15 0.00	25.03 2.22 0.00	25.45 2.22 0.00	25.12 2.25 0.00	25.16 2.34 0.00	23.74 2.23 0.00	28.05 2.88 0.00	32.04 3.37 0.00	32.40 3.42 0.00	35.27 3.60 0.00	28.63 2.78 0.00	30.64 2.88 0.00	24.30 2.20 0.00	23.33 2.02 0.00
MENANDS___115KV_TB5 355628	16.55 0.34 0.00	15.24 0.34 0.00	10.53 0.23 0.00	11.83 0.25 0.00	12.17 0.25 0.00	13.31 0.26 0.00	17.72 0.27 0.00	18.46 0.34 0.00	16.39 0.33 0.00	17.85 0.33 0.00	22.64 0.36 0.00	23.15 0.34 0.00	23.59 0.37 0.00	23.24 0.37 0.00	23.21 0.38 0.00	21.88 0.37 0.00	25.63 0.46 0.00	29.19 0.52 0.00	29.39 0.41 0.00	32.12 0.46 0.00	26.22 0.37 0.00	28.10 0.35 0.00	22.29 0.19 0.00	21.43 0.12 0.00
MG INDUSTRY___DRP 24185	16.59 0.38 0.00	15.28 0.38 0.00	10.56 0.26 0.00	11.87 0.29 0.00	12.21 0.29 0.00	13.35 0.30 0.00	17.80 0.35 0.00	18.53 0.41 0.00	16.43 0.37 0.00	17.89 0.37 0.00	22.70 0.42 0.00	23.22 0.41 0.00	23.65 0.42 0.00	23.29 0.41 0.00	23.26 0.44 0.00	21.93 0.42 0.00	25.70 0.52 0.00	29.28 0.61 0.00	29.52 0.54 0.00	32.25 0.58 0.00	26.33 0.48 0.00	28.22 0.47 0.00	22.40 0.30 0.00	21.56 0.25 0.00
MID___OSWEGATCHIE_HYD 23849	15.88 -0.33 0.00	14.62 -0.27 0.00	10.08 -0.22 0.00	11.36 -0.22 0.00	11.74 -0.18 0.00	12.86 -0.19 0.00	17.26 -0.18 0.00	17.86 -0.26 0.00	15.70 -0.36 0.00	17.10 -0.42 0.00	21.69 -0.59 0.00	22.29 -0.52 0.00	22.90 -0.33 0.00	22.54 -0.33 0.00	22.62 -0.21 0.00	21.34 -0.16 0.00	24.97 -0.20 0.00	28.48 -0.19 0.00	28.90 -0.08 0.00	31.55 -0.11 0.00	25.74 -0.11 0.00	27.61 -0.15 0.00	21.92 -0.18 0.00	21.14 -0.17 0.00
MID___RAQUETTE_HYD 23851	16.09 -0.12 0.00	14.80 -0.09 0.00	10.21 -0.09 0.00	11.50 -0.08 0.00	11.86 -0.06 0.00	12.99 -0.05 0.00	17.41 -0.04 0.00	18.07 -0.05 0.00	15.95 -0.11 0.00	17.39 -0.14 0.00	22.11 -0.17 0.00	22.66 -0.15 0.00	23.12 -0.11 0.00	22.76 -0.12 0.00	22.79 -0.04 0.00	21.47 -0.03 0.00	25.14 -0.03 0.00	28.70 0.03 0.00	29.16 0.18 0.00	31.93 0.27 0.00	26.08 0.22 0.00	27.94 0.19 0.00	22.21 0.11 0.00	21.41 0.10 0.00

MILLIKEN___1 23584	16.17 -0.04 0.00	14.85 -0.05 0.00	10.26 -0.03 0.00	11.55 -0.03 0.00	11.91 -0.01 0.00	13.09 0.03 0.00	17.60 0.15 0.00	18.26 0.14 0.00	16.15 0.09 0.00	17.62 0.10 0.00	22.39 0.11 0.00	22.95 0.14 0.00	23.34 0.12 0.00	22.95 0.08 0.00	22.93 0.10 0.00	21.62 0.11 0.00	25.32 0.15 0.00	28.83 0.16 0.00	29.17 0.20 0.00	31.79 0.12 0.00	25.91 0.06 0.00	27.80 0.05 0.00	22.15 0.05 0.00	21.36 0.06 0.00
MILLIKEN___2 23585	16.17 -0.04 0.00	14.85 -0.05 0.00	10.26 -0.03 0.00	11.55 -0.03 0.00	11.91 -0.01 0.00	13.09 0.03 0.00	17.60 0.15 0.00	18.26 0.14 0.00	16.15 0.09 0.00	17.62 0.10 0.00	22.39 0.11 0.00	22.95 0.14 0.00	23.34 0.12 0.00	22.95 0.08 0.00	22.93 0.10 0.00	21.62 0.11 0.00	25.32 0.15 0.00	28.83 0.16 0.00	29.17 0.20 0.00	31.79 0.12 0.00	25.91 0.06 0.00	27.80 0.05 0.00	22.15 0.05 0.00	21.36 0.06 0.00
MILLIKEN___DIESEL 23629	16.17 -0.04 0.00	14.85 -0.05 0.00	10.26 -0.03 0.00	11.55 -0.03 0.00	11.91 -0.01 0.00	13.09 0.03 0.00	17.60 0.15 0.00	18.26 0.14 0.00	16.15 0.09 0.00	17.62 0.10 0.00	22.39 0.11 0.00	22.95 0.14 0.00	23.34 0.12 0.00	22.95 0.08 0.00	22.93 0.10 0.00	21.62 0.11 0.00	25.32 0.15 0.00	28.83 0.16 0.00	29.17 0.20 0.00	31.79 0.12 0.00	25.91 0.06 0.00	27.80 0.05 0.00	22.15 0.05 0.00	21.36 0.06 0.00
MILLSEAT___LFGE 323607	15.04 -1.17 0.00	13.79 -1.11 0.00	9.54 -0.75 0.00	10.80 -0.78 0.00	11.14 -0.77 0.00	12.36 -0.69 0.00	16.73 -0.71 0.00	17.10 -1.02 0.00	15.05 -1.01 0.00	16.51 -1.01 0.00	20.94 -1.34 0.00	21.53 -1.28 0.00	21.87 -1.36 0.00	21.42 -1.45 0.00	21.45 -1.38 0.00	20.12 -1.39 0.00	23.53 -1.64 0.00	26.77 -1.90 0.00	27.18 -1.79 0.00	29.58 -2.08 0.00	24.10 -1.75 0.00	25.75 -2.00 0.00	20.80 -1.31 0.00	20.35 -0.96 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	16.87 0.67 0.00	15.49 0.60 0.00	10.71 0.42 0.00	12.03 0.44 0.00	12.37 0.45 0.00	13.54 0.49 0.00	18.11 0.66 0.00	18.89 0.76 0.00	16.76 0.70 0.00	18.27 0.75 0.00	23.30 1.02 0.00	23.84 1.04 0.00	24.29 1.07 0.00	23.95 1.08 0.00	23.80 0.97 0.00	22.39 0.88 0.00	26.28 1.10 0.00	29.93 1.25 0.00	30.19 1.22 0.00	32.99 1.33 0.00	26.90 1.05 0.00	28.76 1.01 0.00	22.80 0.70 0.00	21.88 0.57 0.00
MILLWOOD_13_KV_LOAD 356217	16.91 0.70 0.00	15.52 0.62 0.00	10.74 0.44 0.00	12.05 0.47 0.00	12.39 0.47 0.00	13.57 0.52 0.00	18.14 0.69 0.00	18.93 0.80 0.00	16.80 0.73 0.00	18.32 0.79 0.00	23.36 1.08 0.00	23.90 1.09 0.00	24.36 1.13 0.00	24.01 1.14 0.00	23.86 1.04 0.00	22.45 0.94 0.00	26.34 1.17 0.00	30.01 1.34 0.00	30.27 1.30 0.00	33.08 1.42 0.00	26.97 1.12 0.00	28.84 1.09 0.00	22.85 0.75 0.00	21.93 0.62 0.00
MODEL_CITY_ENERGY 24167	14.60 -1.61 0.00	13.40 -1.50 0.00	9.28 -1.02 0.00	10.50 -1.08 0.00	10.83 -1.09 0.00	12.01 -1.04 0.00	16.24 -1.21 0.00	16.51 -1.61 0.00	14.51 -1.55 0.00	15.92 -1.60 0.00	20.21 -2.07 0.00	20.76 -2.04 0.00	21.07 -2.15 0.00	20.62 -2.25 0.00	20.68 -2.15 0.00	19.36 -2.15 0.00	22.62 -2.56 0.00	25.70 -2.97 0.00	26.11 -2.87 0.00	28.42 -3.24 0.00	23.19 -2.66 0.00	24.79 -2.96 0.00	20.11 -1.99 0.00	19.76 -1.55 0.00
MODERN_LFGE___ 323580	14.60 -1.61 0.00	13.40 -1.50 0.00	9.28 -1.02 0.00	10.50 -1.08 0.00	10.83 -1.09 0.00	12.01 -1.04 0.00	16.24 -1.21 0.00	16.51 -1.61 0.00	14.51 -1.55 0.00	15.92 -1.60 0.00	20.21 -2.07 0.00	20.76 -2.04 0.00	21.07 -2.15 0.00	20.62 -2.25 0.00	20.68 -2.15 0.00	19.36 -2.15 0.00	22.62 -2.56 0.00	25.70 -2.97 0.00	26.11 -2.87 0.00	28.42 -3.24 0.00	23.19 -2.66 0.00	24.79 -2.96 0.00	20.11 -1.99 0.00	19.76 -1.55 0.00
MOHAWK_PAPER___DRP 24187	16.62 0.41 0.00	15.30 0.40 0.00	10.57 0.27 0.00	11.88 0.30 0.00	12.22 0.30 0.00	13.36 0.31 0.00	17.80 0.36 0.00	18.56 0.43 0.00	16.47 0.41 0.00	17.95 0.43 0.00	22.77 0.49 0.00	23.29 0.48 0.00	23.74 0.51 0.00	23.38 0.51 0.00	23.35 0.52 0.00	22.01 0.50 0.00	25.80 0.62 0.00	29.38 0.71 0.00	29.59 0.62 0.00	32.33 0.67 0.00	26.38 0.53 0.00	28.28 0.52 0.00	22.43 0.32 0.00	21.56 0.25 0.00
MOHICAN___35_KV_115KV_LD 80490	16.97 0.76 0.00	15.60 0.70 0.00	10.76 0.46 0.00	12.09 0.52 0.00	12.46 0.54 0.00	13.69 0.64 0.00	18.32 0.87 0.00	19.17 1.04 0.00	17.07 1.01 0.00	18.60 1.08 0.00	23.73 1.45 0.00	24.24 1.43 0.00	24.66 1.43 0.00	24.29 1.43 0.00	24.28 1.45 0.00	22.90 1.39 0.00	26.97 1.80 0.00	30.75 2.08 0.00	30.92 1.95 0.00	33.76 2.09 0.00	27.38 1.53 0.00	29.32 1.57 0.00	23.19 1.09 0.00	22.22 0.91 0.00
MONGAUP___HYD 23641	16.78 0.57 0.00	15.39 0.50 0.00	10.65 0.36 0.00	11.99 0.41 0.00	12.34 0.42 0.00	13.51 0.46 0.00	18.03 0.58 0.00	18.80 0.68 0.00	16.68 0.62 0.00	18.18 0.65 0.00	23.22 0.94 0.00	23.77 0.96 0.00	24.18 0.95 0.00	23.65 0.78 0.00	23.47 0.64 0.00	22.19 0.67 0.00	26.00 0.82 0.00	29.68 1.01 0.00	29.95 0.98 0.00	32.70 1.04 0.00	26.67 0.81 0.00	28.47 0.72 0.00	22.62 0.52 0.00	21.86 0.55 0.00
MONTAUK___DIESEL 23721	18.20 1.93 -0.07	17.61 1.70 -1.01	11.69 1.18 -0.22	13.11 1.32 -0.21	13.25 1.33 0.00	14.52 1.47 0.00	19.43 1.98 0.00	20.18 2.06 0.00	29.77 1.97 -11.74	22.45 2.18 -2.76	26.78 2.49 -2.02	34.78 2.53 -9.44	25.89 2.66 0.00	25.53 2.66 0.00	25.19 2.36 0.00	23.34 1.83 0.00	27.46 2.29 0.00	31.47 2.80 0.00	31.59 2.61 0.00	34.52 2.86 0.00	28.17 2.31 0.00	30.24 2.49 0.00	23.94 1.84 0.00	22.92 1.62 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	14.79 -1.42 0.00	13.42 -1.48 0.00	9.39 -0.90 0.00	10.54 -1.04 0.00	10.84 -1.08 0.00	12.16 -0.89 0.00	16.69 -0.76 0.00	17.00 -1.12 0.00	14.99 -1.07 0.00	16.32 -1.20 0.00	20.74 -1.54 0.00	21.30 -1.51 0.00	21.79 -1.44 0.00	21.49 -1.38 0.00	21.53 -1.30 0.00	20.19 -1.32 0.00	23.79 -1.38 0.00	27.18 -1.49 0.00	27.65 -1.33 0.00	30.05 -1.61 0.00	24.47 -1.38 0.00	26.13 -1.62 0.00	20.97 -1.14 0.00	20.45 -0.86 0.00
MORTIMER_115KV_TB3 55949	15.30 -0.91 0.00	14.04 -0.86 0.00	9.71 -0.58 0.00	10.96 -0.62 0.00	11.32 -0.61 0.00	12.49 -0.56 0.00	16.82 -0.63 0.00	17.34 -0.78 0.00	15.32 -0.74 0.00	16.75 -0.77 0.00	21.26 -1.02 0.00	21.82 -0.99 0.00	22.19 -1.04 0.00	21.78 -1.09 0.00	21.79 -1.04 0.00	20.46 -1.05 0.00	23.94 -1.23 0.00	27.23 -1.44 0.00	27.59 -1.38 0.00	30.07 -1.59 0.00	24.50 -1.35 0.00	26.25 -1.50 0.00	21.06 -1.04 0.00	20.48 -0.83 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	16.99 0.78 0.00	15.59 0.69 0.00	10.79 0.49 0.00	12.10 0.52 0.00	12.44 0.52 0.00	13.62 0.57 0.00	18.19 0.75 0.00	18.98 0.86 0.00	16.85 0.80 0.00	18.38 0.86 0.00	23.48 1.20 0.00	24.01 1.20 0.00	24.46 1.24 0.00	24.12 1.25 0.00	23.96 1.14 0.00	22.53 1.02 0.00	26.42 1.25 0.00	30.08 1.41 0.00	30.37 1.40 0.00	33.17 1.50 0.00	27.05 1.20 0.00	28.92 1.17 0.00	22.91 0.81 0.00	21.99 0.69 0.00

MUNSVILLE_WIND_PWR 323609	16.69 0.49 0.00	15.35 0.45 0.00	10.60 0.31 0.00	11.94 0.36 0.00	12.39 0.47 0.00	13.65 0.60 0.00	18.51 1.06 0.00	19.27 1.15 0.00	16.93 0.87 0.00	18.42 0.90 0.00	23.51 1.23 0.00	24.07 1.26 0.00	24.53 1.31 0.00	24.11 1.24 0.00	24.14 1.31 0.00	22.68 1.17 0.00	26.66 1.49 0.00	30.35 1.68 0.00	30.60 1.62 0.00	33.28 1.61 0.00	27.17 1.32 0.00	29.05 1.30 0.00	23.04 0.94 0.00	22.12 0.81 0.00
N SALMON___HYD 24042	16.67 0.46 0.00	15.31 0.42 0.00	10.56 0.27 0.00	11.89 0.31 0.00	12.24 0.32 0.00	13.43 0.38 0.00	17.99 0.54 0.00	18.72 0.60 0.00	16.57 0.51 0.00	18.17 0.65 0.00	23.11 0.83 0.00	23.64 0.83 0.00	24.04 0.81 0.00	23.63 0.76 0.00	23.63 0.81 0.00	22.31 0.80 0.00	26.16 0.99 0.00	29.84 1.17 0.00	30.29 1.31 0.00	33.14 1.48 0.00	27.06 1.21 0.00	28.98 1.23 0.00	23.05 0.95 0.00	22.18 0.87 0.00
N.AKRON___115KV_KNAPP 355671	15.04 -1.17 0.00	13.79 -1.11 0.00	9.54 -0.75 0.00	10.80 -0.78 0.00	11.14 -0.78 0.00	12.36 -0.69 0.00	16.73 -0.72 0.00	17.10 -1.03 0.00	15.04 -1.02 0.00	16.49 -1.03 0.00	20.93 -1.35 0.00	21.51 -1.30 0.00	21.85 -1.38 0.00	21.41 -1.46 0.00	21.45 -1.38 0.00	20.11 -1.40 0.00	23.52 -1.65 0.00	26.74 -1.93 0.00	27.14 -1.83 0.00	29.56 -2.10 0.00	24.08 -1.77 0.00	25.73 -2.02 0.00	20.78 -1.32 0.00	20.35 -0.96 0.00
N.BELMOR_69_KV_BK1 55787	17.32 1.05 -0.05	16.84 0.93 -1.01	11.17 0.66 -0.22	12.50 0.71 -0.21	12.62 0.70 0.00	13.81 0.76 0.00	18.47 1.02 0.00	19.23 1.10 0.00	28.83 1.05 -11.72	21.40 1.18 -2.70	25.87 1.58 -2.02	33.90 1.64 -9.44	24.89 1.66 0.00	24.53 1.66 0.00	24.33 1.50 0.00	22.80 1.29 0.00	26.80 1.63 0.00	30.60 1.93 0.00	30.80 1.83 0.00	33.65 1.98 0.00	27.40 1.55 0.00	29.30 1.55 0.00	23.22 1.12 0.00	22.25 0.94 0.00
N.E_GEN_SANDY PD 24062	16.35 0.52 0.38	15.59 0.50 -0.19	10.64 0.34 0.00	11.95 0.37 0.00	12.29 0.37 0.00	13.43 0.38 0.00	17.61 0.46 0.30	18.84 0.56 -0.16	16.58 0.53 0.00	18.08 0.56 0.00	22.97 0.69 0.00	23.47 0.66 0.00	23.91 0.68 0.00	23.56 0.69 0.00	23.51 0.68 0.00	22.16 0.64 0.00	25.96 0.79 0.00	32.25 0.89 -2.69	29.75 0.78 0.00	32.55 0.89 0.00	26.54 0.69 0.00	28.42 0.68 0.00	22.56 0.45 -0.01	21.66 0.35 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	16.85 0.64 0.00	15.46 0.57 0.00	10.69 0.40 0.00	12.01 0.43 0.00	12.36 0.43 0.00	13.53 0.48 0.00	18.10 0.65 0.00	18.88 0.76 0.00	16.74 0.68 0.00	18.24 0.72 0.00	23.25 0.97 0.00	23.80 1.00 0.00	24.27 1.04 0.00	23.91 1.04 0.00	23.76 0.93 0.00	22.35 0.84 0.00	26.23 1.06 0.00	29.89 1.21 0.00	30.18 1.21 0.00	32.98 1.32 0.00	26.89 1.04 0.00	28.75 1.00 0.00	22.78 0.68 0.00	21.86 0.55 0.00
N.QUEENS_27_KV_LOAD 356247	16.98 0.77 0.00	15.57 0.67 0.00	10.77 0.48 0.00	12.08 0.50 0.00	12.41 0.49 0.00	13.59 0.53 0.00	18.17 0.73 0.00	19.02 0.90 0.00	16.89 0.83 0.00	18.45 0.92 0.00	23.58 1.30 0.00	24.10 1.28 0.00	24.54 1.32 0.00	24.24 1.37 0.00	24.05 1.22 0.00	22.60 1.09 0.00	26.52 1.34 0.00	30.14 1.47 0.00	30.41 1.44 0.00	33.21 1.54 0.00	27.10 1.25 0.00	28.97 1.21 0.00	22.96 0.86 0.00	22.07 0.76 0.00
N.TROY___115KV_TB1 355778	16.67 0.46 0.00	15.34 0.44 0.00	10.60 0.30 0.00	11.91 0.33 0.00	12.25 0.33 0.00	13.39 0.34 0.00	17.88 0.43 0.00	18.65 0.53 0.00	16.56 0.50 0.00	18.05 0.52 0.00	22.92 0.64 0.00	23.42 0.61 0.00	23.86 0.63 0.00	23.51 0.63 0.00	23.48 0.65 0.00	22.13 0.62 0.00	25.94 0.76 0.00	29.55 0.88 0.00	29.75 0.77 0.00	32.51 0.85 0.00	26.53 0.67 0.00	28.44 0.68 0.00	22.55 0.45 0.00	21.66 0.35 0.00
NARROWS_GT1_1 24228	17.10 0.89 0.00	15.67 0.78 0.00	10.85 0.55 0.00	12.17 0.59 0.00	12.51 0.59 0.00	13.69 0.64 0.00	18.31 0.87 0.00	19.11 0.99 0.00	16.95 0.90 0.00	18.48 0.95 0.00	23.61 1.33 0.00	24.15 1.34 0.00	72.56 1.42 -47.91	46.48 1.42 -22.19	54.63 1.29 -30.51	97.14 1.18 -74.45	34.67 1.42 -8.07	159.02 1.62 -128.74	38.94 1.60 -8.36	89.17 1.74 -55.77	60.63 1.38 -33.40	118.83 1.35 -89.73	23.09 0.97 -0.02	22.17 0.86 0.00
NARROWS_GT1_2 24229	17.10 0.89 0.00	15.67 0.78 0.00	10.85 0.55 0.00	12.17 0.59 0.00	12.51 0.59 0.00	13.69 0.64 0.00	18.31 0.87 0.00	19.11 0.99 0.00	16.95 0.90 0.00	18.48 0.95 0.00	23.61 1.33 0.00	24.15 1.34 0.00	72.56 1.42 -47.91	46.48 1.42 -22.19	54.63 1.29 -30.51	97.14 1.18 -74.45	34.67 1.42 -8.07	159.02 1.62 -128.74	38.94 1.60 -8.36	89.17 1.74 -55.77	60.63 1.38 -33.40	118.83 1.35 -89.73	23.09 0.97 -0.02	22.17 0.86 0.00
NARROWS_GT1_3 24230	17.10 0.89 0.00	15.67 0.78 0.00	10.85 0.55 0.00	12.17 0.59 0.00	12.51 0.59 0.00	13.69 0.64 0.00	18.31 0.87 0.00	19.11 0.99 0.00	16.95 0.90 0.00	18.48 0.95 0.00	23.61 1.33 0.00	24.15 1.34 0.00	72.56 1.42 -47.91	46.48 1.42 -22.19	54.63 1.29 -30.51	97.14 1.18 -74.45	34.67 1.42 -8.07	159.02 1.62 -128.74	38.94 1.60 -8.36	89.17 1.74 -55.77	60.63 1.38 -33.40	118.83 1.35 -89.73	23.09 0.97 -0.02	22.17 0.86 0.00
NARROWS_GT1_4 24231	17.10 0.89 0.00	15.67 0.78 0.00	10.85 0.55 0.00	12.17 0.59 0.00	12.51 0.59 0.00	13.69 0.64 0.00	18.31 0.87 0.00	19.11 0.99 0.00	16.95 0.90 0.00	18.48 0.95 0.00	23.61 1.33 0.00	24.15 1.34 0.00	72.56 1.42 -47.91	46.48 1.42 -22.19	54.63 1.29 -30.51	97.14 1.18 -74.45	34.67 1.42 -8.07	159.02 1.62 -128.74	38.94 1.60 -8.36	89.17 1.74 -55.77	60.63 1.38 -33.40	118.83 1.35 -89.73	23.09 0.97 -0.02	22.17 0.86 0.00
NARROWS_GT1_5 24232	17.10 0.89 0.00	15.67 0.78 0.00	10.85 0.55 0.00	12.17 0.59 0.00	12.51 0.59 0.00	13.69 0.64 0.00	18.31 0.87 0.00	19.11 0.99 0.00	16.95 0.90 0.00	18.48 0.95 0.00	23.61 1.33 0.00	24.15 1.34 0.00	72.56 1.42 -47.91	46.48 1.42 -22.19	54.63 1.29 -30.51	97.14 1.18 -74.45	34.67 1.42 -8.07	159.02 1.62 -128.74	38.94 1.60 -8.36	89.17 1.74 -55.77	60.63 1.38 -33.40	118.83 1.35 -89.73	23.09 0.97 -0.02	22.17 0.86 0.00
NARROWS_GT1_6 24233	17.10 0.89 0.00	15.67 0.78 0.00	10.85 0.55 0.00	12.17 0.59 0.00	12.51 0.59 0.00	13.69 0.64 0.00	18.31 0.87 0.00	19.11 0.99 0.00	16.95 0.90 0.00	18.48 0.95 0.00	23.61 1.33 0.00	24.15 1.34 0.00	72.56 1.42 -47.91	46.48 1.42 -22.19	54.63 1.29 -30.51	97.14 1.18 -74.45	34.67 1.42 -8.07	159.02 1.62 -128.74	38.94 1.60 -8.36	89.17 1.74 -55.77	60.63 1.38 -33.40	118.83 1.35 -89.73	23.09 0.97 -0.02	22.17 0.86 0.00
NARROWS_GT1_7 24234	17.10 0.89 0.00	15.67 0.78 0.00	10.85 0.55 0.00	12.17 0.59 0.00	12.51 0.59 0.00	13.69 0.64 0.00	18.31 0.87 0.00	19.11 0.99 0.00	16.95 0.90 0.00	18.48 0.95 0.00	23.61 1.33 0.00	24.15 1.34 0.00	72.56 1.42 -47.91	46.48 1.42 -22.19	54.63 1.29 -30.51	97.14 1.18 -74.45	34.67 1.42 -8.07	159.02 1.62 -128.74	38.94 1.60 -8.36	89.17 1.74 -55.77	60.63 1.38 -33.40	118.83 1.35 -89.73	23.09 0.97 -0.02	22.17 0.86 0.00

NARROWS_GT1_8 24235	17.10 0.89 0.00	15.67 0.78 0.00	10.85 0.55 0.00	12.17 0.59 0.00	12.51 0.59 0.00	13.69 0.64 0.00	18.31 0.87 0.00	19.11 0.99 0.00	16.95 0.90 0.00	18.48 0.95 0.00	23.61 1.33 0.00	24.15 1.34 0.00	72.56 1.42 -47.91	46.48 1.42 -22.19	54.63 1.29 -30.51	97.14 1.18 -74.45	34.67 1.42 -8.07	159.02 1.62 -128.74	38.94 1.60 -8.36	89.17 1.74 -55.77	60.63 1.38 -33.40	118.83 1.35 -89.73	23.09 0.97 -0.02	22.17 0.86 0.00
NARROWS_GT2_1 24236	17.10 0.89 0.00	15.67 0.78 0.00	10.85 0.55 0.00	12.17 0.59 0.00	12.51 0.59 0.00	13.69 0.64 0.00	18.31 0.87 0.00	19.11 0.99 0.00	16.95 0.90 0.00	18.48 0.95 0.00	23.61 1.33 0.00	24.15 1.34 0.00	72.56 1.42 -47.91	46.48 1.42 -22.19	54.63 1.29 -30.51	97.14 1.18 -74.45	34.67 1.42 -8.07	159.02 1.62 -128.74	38.94 1.60 -8.36	89.17 1.74 -55.77	60.63 1.38 -33.40	118.83 1.35 -89.73	23.09 0.97 -0.02	22.17 0.86 0.00
NARROWS_GT2_2 24237	17.10 0.89 0.00	15.67 0.78 0.00	10.85 0.55 0.00	12.17 0.59 0.00	12.51 0.59 0.00	13.69 0.64 0.00	18.31 0.87 0.00	19.11 0.99 0.00	16.95 0.90 0.00	18.48 0.95 0.00	23.61 1.33 0.00	24.15 1.34 0.00	72.56 1.42 -47.91	46.48 1.42 -22.19	54.63 1.29 -30.51	97.14 1.18 -74.45	34.67 1.42 -8.07	159.02 1.62 -128.74	38.94 1.60 -8.36	89.17 1.74 -55.77	60.63 1.38 -33.40	118.83 1.35 -89.73	23.09 0.97 -0.02	22.17 0.86 0.00
NARROWS_GT2_3 24238	17.10 0.89 0.00	15.67 0.78 0.00	10.85 0.55 0.00	12.17 0.59 0.00	12.51 0.59 0.00	13.69 0.64 0.00	18.31 0.87 0.00	19.11 0.99 0.00	16.95 0.90 0.00	18.48 0.95 0.00	23.61 1.33 0.00	24.15 1.34 0.00	72.56 1.42 -47.91	46.48 1.42 -22.19	54.63 1.29 -30.51	97.14 1.18 -74.45	34.67 1.42 -8.07	159.02 1.62 -128.74	38.94 1.60 -8.36	89.17 1.74 -55.77	60.63 1.38 -33.40	118.83 1.35 -89.73	23.09 0.97 -0.02	22.17 0.86 0.00
NARROWS_GT2_4 24239	17.10 0.89 0.00	15.67 0.78 0.00	10.85 0.55 0.00	12.17 0.59 0.00	12.51 0.59 0.00	13.69 0.64 0.00	18.31 0.87 0.00	19.11 0.99 0.00	16.95 0.90 0.00	18.48 0.95 0.00	23.61 1.33 0.00	24.15 1.34 0.00	72.56 1.42 -47.91	46.48 1.42 -22.19	54.63 1.29 -30.51	97.14 1.18 -74.45	34.67 1.42 -8.07	159.02 1.62 -128.74	38.94 1.60 -8.36	89.17 1.74 -55.77	60.63 1.38 -33.40	118.83 1.35 -89.73	23.09 0.97 -0.02	22.17 0.86 0.00
NARROWS_GT2_5 24240	17.10 0.89 0.00	15.67 0.78 0.00	10.85 0.55 0.00	12.17 0.59 0.00	12.51 0.59 0.00	13.69 0.64 0.00	18.31 0.87 0.00	19.11 0.99 0.00	16.95 0.90 0.00	18.48 0.95 0.00	23.61 1.33 0.00	24.15 1.34 0.00	72.56 1.42 -47.91	46.48 1.42 -22.19	54.63 1.29 -30.51	97.14 1.18 -74.45	34.67 1.42 -8.07	159.02 1.62 -128.74	38.94 1.60 -8.36	89.17 1.74 -55.77	60.63 1.38 -33.40	118.83 1.35 -89.73	23.09 0.97 -0.02	22.17 0.86 0.00
NARROWS_GT2_6 24241	17.10 0.89 0.00	15.67 0.78 0.00	10.85 0.55 0.00	12.17 0.59 0.00	12.51 0.59 0.00	13.69 0.64 0.00	18.31 0.87 0.00	19.11 0.99 0.00	16.95 0.90 0.00	18.48 0.95 0.00	23.61 1.33 0.00	24.15 1.34 0.00	72.56 1.42 -47.91	46.48 1.42 -22.19	54.63 1.29 -30.51	97.14 1.18 -74.45	34.67 1.42 -8.07	159.02 1.62 -128.74	38.94 1.60 -8.36	89.17 1.74 -55.77	60.63 1.38 -33.40	118.83 1.35 -89.73	23.09 0.97 -0.02	22.17 0.86 0.00
NARROWS_GT2_7 24242	17.10 0.89 0.00	15.67 0.78 0.00	10.85 0.55 0.00	12.17 0.59 0.00	12.51 0.59 0.00	13.69 0.64 0.00	18.31 0.87 0.00	19.11 0.99 0.00	16.95 0.90 0.00	18.48 0.95 0.00	23.61 1.33 0.00	24.15 1.34 0.00	72.56 1.42 -47.91	46.48 1.42 -22.19	54.63 1.29 -30.51	97.14 1.18 -74.45	34.67 1.42 -8.07	159.02 1.62 -128.74	38.94 1.60 -8.36	89.17 1.74 -55.77	60.63 1.38 -33.40	118.83 1.35 -89.73	23.09 0.97 -0.02	22.17 0.86 0.00
NARROWS_GT2_8 24243	17.10 0.89 0.00	15.67 0.78 0.00	10.85 0.55 0.00	12.17 0.59 0.00	12.51 0.59 0.00	13.69 0.64 0.00	18.31 0.87 0.00	19.11 0.99 0.00	16.95 0.90 0.00	18.48 0.95 0.00	23.61 1.33 0.00	24.15 1.34 0.00	72.56 1.42 -47.91	46.48 1.42 -22.19	54.63 1.29 -30.51	97.14 1.18 -74.45	34.67 1.42 -8.07	159.02 1.62 -128.74	38.94 1.60 -8.36	89.17 1.74 -55.77	60.63 1.38 -33.40	118.83 1.35 -89.73	23.09 0.97 -0.02	22.17 0.86 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	16.89 0.68 0.00	15.55 0.65 0.00	10.74 0.44 0.00	12.07 0.49 0.00	12.43 0.51 0.00	13.60 0.55 0.00	18.16 0.71 0.00	18.93 0.81 0.00	16.81 0.75 0.00	18.31 0.79 0.00	23.19 0.91 0.00	23.73 0.92 0.00	24.15 0.93 0.00	23.78 0.91 0.00	23.80 0.97 0.00	22.48 0.97 0.00	26.39 1.22 0.00	30.13 1.46 0.00	30.34 1.36 0.00	33.12 1.46 0.00	26.99 1.14 0.00	28.88 1.13 0.00	22.87 0.77 0.00	21.95 0.64 0.00
NCHELSEA_115KV_TR2 355582	16.99 0.78 0.00	15.59 0.70 0.00	10.78 0.49 0.00	12.11 0.53 0.00	12.45 0.54 0.00	13.64 0.59 0.00	18.24 0.80 0.00	19.02 0.90 0.00	16.88 0.82 0.00	18.42 0.89 0.00	23.48 1.20 0.00	24.00 1.19 0.00	24.47 1.25 0.00	24.12 1.25 0.00	23.99 1.16 0.00	22.58 1.08 0.00	26.52 1.34 0.00	30.21 1.54 0.00	30.48 1.50 0.00	33.29 1.63 0.00	27.13 1.27 0.00	29.00 1.24 0.00	22.98 0.88 0.00	22.04 0.74 0.00
NEG CAPITAL___MECHNVIL 23645	16.88 0.67 0.00	15.50 0.60 0.00	10.69 0.40 0.00	12.03 0.45 0.00	12.38 0.46 0.00	13.56 0.51 0.00	18.14 0.69 0.00	18.93 0.80 0.00	16.82 0.76 0.00	18.36 0.84 0.00	23.38 1.10 0.00	23.86 1.04 0.00	24.30 1.08 0.00	23.98 1.11 0.00	23.94 1.11 0.00	22.53 1.02 0.00	26.46 1.29 0.00	30.16 1.50 0.00	30.37 1.39 0.00	33.16 1.50 0.00	27.00 1.15 0.00	28.92 1.17 0.00	22.91 0.81 0.00	21.99 0.69 0.00
NEG CENTRAL_HIGH_ACRES 23767	15.15 -1.06 0.00	13.90 -0.99 0.00	9.62 -0.68 0.00	10.85 -0.73 0.00	11.19 -0.73 0.00	12.33 -0.72 0.00	16.60 -0.85 0.00	17.15 -0.98 0.00	15.17 -0.89 0.00	16.59 -0.93 0.00	21.05 -1.23 0.00	21.61 -1.20 0.00	21.97 -1.25 0.00	21.58 -1.29 0.00	21.59 -1.24 0.00	20.29 -1.22 0.00	23.75 -1.43 0.00	27.02 -1.65 0.00	27.36 -1.62 0.00	29.81 -1.86 0.00	24.29 -1.56 0.00	26.03 -1.72 0.00	20.85 -1.25 0.00	20.24 -1.07 0.00
NEG CENTRAL___DRP 24199	15.78 -0.43 0.00	14.47 -0.43 0.00	10.01 -0.29 0.00	11.25 -0.33 0.00	11.61 -0.31 0.00	12.77 -0.28 0.00	17.19 -0.25 0.00	17.82 -0.30 0.00	15.76 -0.30 0.00	17.20 -0.32 0.00	21.85 -0.43 0.00	22.41 -0.40 0.00	22.78 -0.45 0.00	22.40 -0.48 0.00	22.36 -0.47 0.00	21.07 -0.44 0.00	24.64 -0.53 0.00	28.03 -0.63 0.00	28.47 -0.51 0.00	30.99 -0.68 0.00	25.26 -0.60 0.00	27.11 -0.64 0.00	21.64 -0.46 0.00	20.93 -0.38 0.00
NEG CENTRAL___INDECK 23768	15.46 -0.75 0.00	14.19 -0.71 0.00	9.82 -0.47 0.00	11.07 -0.50 0.00	11.44 -0.48 0.00	12.68 -0.37 0.00	17.19 -0.26 0.00	17.75 -0.37 0.00	15.66 -0.40 0.00	17.08 -0.44 0.00	21.67 -0.61 0.00	22.28 -0.53 0.00	22.64 -0.59 0.00	22.16 -0.71 0.00	22.23 -0.60 0.00	20.90 -0.61 0.00	24.49 -0.68 0.00	27.96 -0.71 0.00	28.39 -0.59 0.00	30.86 -0.81 0.00	25.11 -0.75 0.00	26.88 -0.87 0.00	21.60 -0.51 0.00	20.97 -0.34 0.00

NEG CENTRAL___SENECA 23627	15.73 -0.48 0.00	14.40 -0.50 0.00	9.96 -0.34 0.00	11.20 -0.37 0.00	11.56 -0.36 0.00	12.75 -0.30 0.00	17.20 -0.24 0.00	17.82 -0.30 0.00	15.74 -0.32 0.00	17.20 -0.33 0.00	21.84 -0.44 0.00	22.42 -0.39 0.00	22.78 -0.45 0.00	22.37 -0.50 0.00	22.36 -0.47 0.00	21.05 -0.46 0.00	24.62 -0.55 0.00	27.98 -0.69 0.00	28.49 -0.48 0.00	30.99 -0.67 0.00	25.24 -0.61 0.00	27.06 -0.69 0.00	21.62 -0.48 0.00	20.91 -0.39 0.00
NEG CENTRAL___STATE_STREET 24147	15.96 -0.25 0.00	14.64 -0.26 0.00	10.12 -0.17 0.00	11.39 -0.19 0.00	11.74 -0.18 0.00	12.89 -0.16 0.00	17.32 -0.13 0.00	17.95 -0.17 0.00	15.88 -0.18 0.00	17.34 -0.19 0.00	22.02 -0.25 0.00	22.59 -0.22 0.00	22.98 -0.25 0.00	22.60 -0.27 0.00	22.56 -0.27 0.00	21.26 -0.25 0.00	24.87 -0.30 0.00	28.31 -0.36 0.00	28.65 -0.33 0.00	31.22 -0.44 0.00	25.47 -0.39 0.00	27.36 -0.39 0.00	21.84 -0.27 0.00	21.10 -0.21 0.00
NEG MILLWOOD___DRP 24198	17.05 0.84 0.00	15.64 0.74 0.00	10.82 0.53 0.00	12.14 0.57 0.00	12.49 0.57 0.00	13.69 0.64 0.00	18.31 0.86 0.00	19.09 0.97 0.00	16.95 0.89 0.00	18.49 0.97 0.00	23.58 1.30 0.00	24.11 1.30 0.00	24.59 1.36 0.00	24.23 1.36 0.00	24.09 1.27 0.00	22.67 1.16 0.00	26.62 1.45 0.00	30.34 1.67 0.00	30.63 1.65 0.00	33.44 1.78 0.00	27.24 1.39 0.00	29.11 1.36 0.00	23.07 0.97 0.00	22.12 0.81 0.00
NEG NORTH_FLCN_SEA 23793	16.87 0.66 0.00	15.49 0.59 0.00	10.69 0.39 0.00	12.02 0.44 0.00	12.37 0.44 0.00	13.56 0.51 0.00	18.16 0.71 0.00	18.94 0.82 0.00	16.77 0.71 0.00	18.29 0.77 0.00	23.25 0.97 0.00	23.77 0.96 0.00	24.17 0.94 0.00	23.78 0.91 0.00	23.77 0.94 0.00	22.47 0.95 0.00	26.37 1.21 0.00	30.06 1.38 0.00	30.39 1.41 0.00	33.25 1.58 0.00	27.13 1.27 0.00	29.08 1.33 0.00	23.13 1.03 0.00	22.29 0.98 0.00
NEG NORTH_KES_CHATEGAY 23792	16.66 0.45 0.00	15.31 0.42 0.00	10.56 0.27 0.00	11.88 0.30 0.00	12.22 0.30 0.00	13.40 0.35 0.00	17.94 0.49 0.00	18.67 0.55 0.00	16.53 0.47 0.00	18.06 0.53 0.00	22.97 0.69 0.00	23.51 0.71 0.00	23.90 0.68 0.00	23.51 0.64 0.00	23.51 0.68 0.00	22.19 0.68 0.00	26.01 0.84 0.00	29.65 0.97 0.00	30.07 1.09 0.00	32.91 1.25 0.00	26.88 1.03 0.00	28.82 1.07 0.00	22.92 0.82 0.00	22.10 0.79 0.00
NEG NORTH___ALICE_FALLS 23915	16.89 0.67 0.00	15.50 0.61 0.00	10.69 0.40 0.00	12.02 0.44 0.00	12.37 0.45 0.00	13.57 0.52 0.00	18.18 0.73 0.00	18.96 0.84 0.00	16.79 0.73 0.00	18.32 0.80 0.00	23.31 1.02 0.00	23.82 1.01 0.00	24.22 0.99 0.00	23.82 0.95 0.00	23.81 0.98 0.00	22.50 0.99 0.00	26.42 1.25 0.00	30.13 1.46 0.00	30.49 1.52 0.00	33.36 1.70 0.00	27.21 1.36 0.00	29.16 1.41 0.00	23.18 1.08 0.00	22.32 1.02 0.00
NEG NORTH___LWR_SARANAC 23913	16.89 0.67 0.00	15.50 0.61 0.00	10.69 0.40 0.00	12.02 0.44 0.00	12.37 0.45 0.00	13.57 0.52 0.00	18.18 0.73 0.00	18.96 0.84 0.00	16.79 0.73 0.00	18.32 0.80 0.00	23.31 1.02 0.00	23.82 1.01 0.00	24.22 0.99 0.00	23.82 0.95 0.00	23.81 0.98 0.00	22.50 0.99 0.00	26.42 1.25 0.00	30.13 1.46 0.00	30.49 1.52 0.00	33.36 1.70 0.00	27.21 1.36 0.00	29.16 1.41 0.00	23.18 1.08 0.00	22.32 1.02 0.00
NEG NORTH___PLATTSBURG 23628	16.88 0.68 0.00	15.50 0.61 0.00	10.69 0.40 0.00	12.02 0.44 0.00	12.37 0.45 0.00	13.57 0.52 0.00	18.18 0.73 0.00	18.96 0.84 0.00	16.79 0.73 0.00	18.32 0.80 0.00	23.31 1.02 0.00	23.82 1.01 0.00	24.21 0.99 0.00	23.82 0.95 0.00	23.81 0.98 0.00	22.50 0.99 0.00	26.42 1.25 0.00	30.12 1.46 0.00	30.49 1.52 0.00	33.36 1.70 0.00	27.21 1.36 0.00	29.16 1.41 0.00	23.18 1.08 0.00	22.32 1.02 0.00
NEG WEST_LEA_LOCKPORT 23791	14.73 -1.48 0.00	13.51 -1.39 0.00	9.35 -0.94 0.00	10.59 -0.99 0.00	10.93 -1.00 0.00	12.12 -0.94 0.00	16.39 -1.05 0.00	16.71 -1.42 0.00	14.69 -1.37 0.00	16.11 -1.41 0.00	20.45 -1.83 0.00	21.02 -1.79 0.00	21.33 -1.89 0.00	20.88 -1.99 0.00	20.94 -1.89 0.00	19.60 -1.91 0.00	22.89 -2.28 0.00	26.03 -2.64 0.00	26.43 -2.54 0.00	28.80 -2.86 0.00	23.47 -2.38 0.00	25.11 -2.65 0.00	20.32 -1.78 0.00	19.95 -1.36 0.00
NEG WEST___LANCASTER 23811	15.42 -0.79 0.00	14.15 -0.75 0.00	9.80 -0.49 0.00	11.06 -0.52 0.00	11.42 -0.50 0.00	12.65 -0.40 0.00	17.12 -0.33 0.00	17.57 -0.55 0.00	15.48 -0.58 0.00	16.95 -0.57 0.00	21.49 -0.79 0.00	22.07 -0.74 0.00	22.36 -0.87 0.00	21.90 -0.98 0.00	21.93 -0.90 0.00	20.55 -0.96 0.00	24.03 -1.14 0.00	27.34 -1.33 0.00	27.79 -1.18 0.00	30.28 -1.39 0.00	24.66 -1.19 0.00	26.41 -1.35 0.00	21.32 -0.79 0.00	20.79 -0.52 0.00
NEG_PENN_ALLEGHNY 23528	15.98 -0.23 0.00	14.68 -0.22 0.00	10.16 -0.14 0.00	11.42 -0.16 0.00	11.77 -0.15 0.00	12.93 -0.12 0.00	17.39 -0.06 0.00	18.05 -0.07 0.00	15.94 -0.12 0.00	17.40 -0.12 0.00	22.09 -0.18 0.00	22.66 -0.15 0.00	23.04 -0.18 0.00	22.67 -0.20 0.00	22.63 -0.20 0.00	21.32 -0.19 0.00	24.94 -0.23 0.00	28.42 -0.25 0.00	28.78 -0.20 0.00	31.38 -0.29 0.00	25.57 -0.28 0.00	27.42 -0.33 0.00	21.87 -0.24 0.00	21.08 -0.22 0.00
NEG___GEN_MONROE 24207	15.34 -0.87 0.00	14.07 -0.82 0.00	9.74 -0.56 0.00	10.99 -0.59 0.00	11.34 -0.58 0.00	12.53 -0.52 0.00	16.91 -0.53 0.00	17.42 -0.70 0.00	15.38 -0.68 0.00	16.82 -0.70 0.00	21.34 -0.94 0.00	21.91 -0.91 0.00	22.27 -0.96 0.00	21.86 -1.01 0.00	21.87 -0.96 0.00	20.55 -0.96 0.00	24.03 -1.14 0.00	27.36 -1.31 0.00	27.73 -1.25 0.00	30.21 -1.46 0.00	24.61 -1.24 0.00	26.34 -1.41 0.00	21.15 -0.95 0.00	20.58 -0.73 0.00
NEPA___ENERGY 23901	15.01 -1.20 0.00	13.75 -1.15 0.00	9.54 -0.75 0.00	10.72 -0.86 0.00	11.07 -0.85 0.00	12.29 -0.76 0.00	16.74 -0.71 0.00	17.19 -0.93 0.00	15.07 -0.99 0.00	16.44 -1.09 0.00	20.81 -1.47 0.00	21.43 -1.38 0.00	21.77 -1.46 0.00	21.38 -1.49 0.00	21.37 -1.45 0.00	20.07 -1.44 0.00	23.49 -1.68 0.00	26.77 -1.90 0.00	27.31 -1.66 0.00	29.75 -1.92 0.00	24.20 -1.65 0.00	25.90 -1.85 0.00	20.80 -1.30 0.00	20.22 -1.09 0.00
NEVERSink___HYD 23608	17.05 0.84 0.00	15.61 0.71 0.00	10.80 0.51 0.00	12.13 0.55 0.00	12.48 0.56 0.00	13.69 0.64 0.00	18.33 0.89 0.00	19.12 0.99 0.00	16.95 0.89 0.00	18.47 0.95 0.00	23.50 1.22 0.00	24.01 1.20 0.00	24.44 1.22 0.00	24.00 1.13 0.00	23.73 0.90 0.00	22.37 0.86 0.00	26.33 1.16 0.00	30.03 1.35 0.00	30.32 1.34 0.00	33.08 1.42 0.00	26.97 1.12 0.00	28.80 1.05 0.00	22.82 0.72 0.00	21.89 0.58 0.00
NEWKRMKL_115KV_TB1 55635	16.50 0.28 0.00	15.19 0.30 0.00	10.50 0.20 0.00	11.80 0.22 0.00	12.14 0.22 0.00	13.27 0.22 0.00	17.66 0.21 0.00	18.40 0.27 0.00	16.32 0.26 0.00	17.78 0.26 0.00	22.55 0.27 0.00	23.07 0.26 0.00	23.51 0.28 0.00	23.15 0.28 0.00	23.12 0.29 0.00	21.81 0.29 0.00	25.53 0.36 0.00	29.08 0.41 0.00	29.29 0.31 0.00	32.00 0.34 0.00	26.11 0.26 0.00	27.98 0.23 0.00	22.19 0.09 0.00	21.34 0.03 0.00

NEWTON___FALLS_HYD 23847	15.88 -0.33 0.00	14.62 -0.27 0.00	10.08 -0.22 0.00	11.36 -0.22 0.00	11.74 -0.18 0.00	12.86 -0.19 0.00	17.26 -0.18 0.00	17.86 -0.26 0.00	15.70 -0.36 0.00	17.10 -0.42 0.00	21.69 -0.59 0.00	22.29 -0.52 0.00	22.90 -0.33 0.00	22.54 -0.33 0.00	22.62 -0.21 0.00	21.34 -0.16 0.00	24.97 -0.20 0.00	28.48 -0.19 0.00	28.90 -0.08 0.00	31.55 -0.11 0.00	25.74 -0.11 0.00	27.61 -0.15 0.00	21.92 -0.18 0.00	21.14 -0.17 0.00
NGRID_A1_DSASP 323792	14.47 -1.74 0.00	13.29 -1.61 0.00	9.20 -1.09 0.00	10.42 -1.17 0.00	10.74 -1.18 0.00	11.90 -1.15 0.00	16.08 -1.37 0.00	16.41 -1.72 0.00	14.37 -1.69 0.00	15.74 -1.78 0.00	19.98 -2.30 0.00	20.53 -2.28 0.00	20.83 -2.39 0.00	20.38 -2.49 0.00	20.44 -2.39 0.00	19.13 -2.39 0.00	22.32 -2.85 0.00	25.36 -3.31 0.00	25.77 -3.21 0.00	28.06 -3.60 0.00	22.90 -2.95 0.00	24.49 -3.26 0.00	19.87 -2.23 0.00	19.57 -1.74 0.00
NGRID_A2_DSASP 323793	14.47 -1.74 0.00	13.29 -1.61 0.00	9.20 -1.09 0.00	10.42 -1.17 0.00	10.74 -1.18 0.00	11.90 -1.15 0.00	16.08 -1.37 0.00	16.41 -1.72 0.00	14.37 -1.69 0.00	15.74 -1.78 0.00	19.98 -2.30 0.00	20.53 -2.28 0.00	20.83 -2.39 0.00	20.38 -2.49 0.00	20.44 -2.39 0.00	19.13 -2.39 0.00	22.32 -2.85 0.00	25.36 -3.31 0.00	25.77 -3.21 0.00	28.06 -3.60 0.00	22.90 -2.95 0.00	24.49 -3.26 0.00	19.87 -2.23 0.00	19.57 -1.74 0.00
NGRID_A4_DSASP 323807	14.47 -1.74 0.00	13.29 -1.61 0.00	9.20 -1.09 0.00	10.42 -1.17 0.00	10.74 -1.18 0.00	11.90 -1.15 0.00	16.08 -1.37 0.00	16.41 -1.72 0.00	14.37 -1.69 0.00	15.74 -1.78 0.00	19.98 -2.30 0.00	20.53 -2.28 0.00	20.83 -2.39 0.00	20.38 -2.49 0.00	20.44 -2.39 0.00	19.13 -2.39 0.00	22.32 -2.85 0.00	25.36 -3.31 0.00	25.77 -3.21 0.00	28.06 -3.60 0.00	22.90 -2.95 0.00	24.49 -3.26 0.00	19.87 -2.23 0.00	19.57 -1.74 0.00
NIAGARA_115E_LBMP 323715	14.53 -1.68 0.00	13.33 -1.57 0.00	9.23 -1.07 0.00	10.45 -1.13 0.00	10.78 -1.14 0.00	11.94 -1.11 0.00	16.14 -1.30 0.00	16.40 -1.72 0.00	14.40 -1.66 0.00	15.81 -1.71 0.00	20.06 -2.22 0.00	20.62 -2.19 0.00	20.92 -2.31 0.00	20.47 -2.40 0.00	20.53 -2.30 0.00	19.22 -2.29 0.00	22.44 -2.73 0.00	25.50 -3.17 0.00	25.91 -3.07 0.00	28.20 -3.46 0.00	23.02 -2.83 0.00	24.61 -3.14 0.00	19.98 -2.12 0.00	19.65 -1.66 0.00
NIAGARA_115W_LBMP 323714	14.45 -1.76 0.00	13.26 -1.64 0.00	9.18 -1.11 0.00	10.39 -1.19 0.00	10.72 -1.20 0.00	11.88 -1.17 0.00	16.05 -1.40 0.00	16.37 -1.75 0.00	14.33 -1.73 0.00	15.70 -1.82 0.00	19.92 -2.36 0.00	20.48 -2.33 0.00	20.78 -2.45 0.00	20.33 -2.54 0.00	20.39 -2.44 0.00	19.07 -2.44 0.00	22.27 -2.90 0.00	25.29 -3.38 0.00	25.70 -3.28 0.00	27.99 -3.68 0.00	22.84 -3.01 0.00	24.42 -3.33 0.00	19.83 -2.27 0.00	19.53 -1.78 0.00
NIAGARA_230_LBMP 323716	14.60 -1.61 0.00	13.40 -1.50 0.00	9.28 -1.02 0.00	10.50 -1.08 0.00	10.83 -1.09 0.00	11.99 -1.06 0.00	16.21 -1.24 0.00	16.55 -1.57 0.00	14.55 -1.50 0.00	15.96 -1.56 0.00	20.25 -2.03 0.00	20.81 -2.00 0.00	21.11 -2.12 0.00	20.67 -2.20 0.00	20.71 -2.12 0.00	19.38 -2.14 0.00	22.62 -2.56 0.00	25.70 -2.97 0.00	26.11 -2.86 0.00	28.45 -3.22 0.00	23.20 -2.65 0.00	24.82 -2.93 0.00	20.09 -2.02 0.00	19.71 -1.60 0.00
NIAGARA___115KV_198_GIBSON 55903	14.45 -1.76 0.00	13.26 -1.64 0.00	9.18 -1.11 0.00	10.39 -1.19 0.00	10.72 -1.20 0.00	11.88 -1.18 0.00	16.05 -1.40 0.00	16.37 -1.75 0.00	14.33 -1.73 0.00	15.70 -1.82 0.00	19.93 -2.35 0.00	20.48 -2.33 0.00	20.77 -2.45 0.00	20.33 -2.54 0.00	20.39 -2.44 0.00	19.08 -2.44 0.00	22.27 -2.90 0.00	25.29 -3.38 0.00	25.68 -3.29 0.00	27.99 -3.67 0.00	22.84 -3.01 0.00	24.43 -3.32 0.00	19.84 -2.27 0.00	19.54 -1.77 0.00
NIAGARA____ 23760	14.60 -1.61 0.00	13.40 -1.50 0.00	9.28 -1.02 0.00	10.50 -1.08 0.00	10.83 -1.09 0.00	11.99 -1.06 0.00	16.21 -1.24 0.00	16.55 -1.57 0.00	14.55 -1.50 0.00	15.96 -1.56 0.00	20.25 -2.03 0.00	20.81 -2.00 0.00	21.11 -2.12 0.00	20.67 -2.20 0.00	20.71 -2.12 0.00	19.38 -2.14 0.00	22.62 -2.56 0.00	25.70 -2.97 0.00	26.11 -2.86 0.00	28.45 -3.22 0.00	23.20 -2.65 0.00	24.82 -2.93 0.00	20.09 -2.02 0.00	19.71 -1.60 0.00
NINE_MILE_1 23575	15.62 -0.59 0.00	14.35 -0.55 0.00	9.92 -0.37 0.00	11.16 -0.42 0.00	11.49 -0.43 0.00	12.60 -0.46 0.00	16.84 -0.61 0.00	17.45 -0.67 0.00	15.46 -0.60 0.00	16.87 -0.65 0.00	21.40 -0.88 0.00	21.89 -0.91 0.00	22.29 -0.93 0.00	21.95 -0.92 0.00	21.92 -0.92 0.00	20.68 -0.83 0.00	24.16 -1.01 0.00	27.49 -1.18 0.00	27.78 -1.20 0.00	30.33 -1.33 0.00	24.77 -1.08 0.00	26.68 -1.06 0.00	21.33 -0.77 0.00	20.62 -0.69 0.00
NINE_MILE_2 23744	15.62 -0.59 0.00	14.36 -0.54 0.00	9.92 -0.37 0.00	11.16 -0.42 0.00	11.50 -0.42 0.00	12.60 -0.46 0.00	16.84 -0.60 0.00	17.45 -0.67 0.00	15.46 -0.60 0.00	16.87 -0.65 0.00	21.40 -0.88 0.00	21.90 -0.91 0.00	22.29 -0.93 0.00	21.95 -0.92 0.00	21.92 -0.92 0.00	20.68 -0.83 0.00	24.16 -1.01 0.00	27.49 -1.18 0.00	27.78 -1.20 0.00	30.33 -1.33 0.00	24.77 -1.08 0.00	26.69 -1.06 0.00	21.33 -0.77 0.00	20.62 -0.69 0.00
NM_CAPITAL___DRP 24208	16.52 0.31 0.00	15.22 0.32 0.00	10.51 0.22 0.00	11.82 0.24 0.00	12.16 0.24 0.00	13.28 0.23 0.00	17.69 0.24 0.00	18.43 0.30 0.00	16.35 0.29 0.00	17.81 0.29 0.00	22.59 0.31 0.00	23.10 0.29 0.00	23.54 0.31 0.00	23.19 0.32 0.00	23.16 0.33 0.00	21.84 0.32 0.00	25.57 0.40 0.00	29.12 0.45 0.00	29.33 0.35 0.00	32.05 0.38 0.00	26.16 0.30 0.00	28.04 0.29 0.00	22.23 0.13 0.00	21.38 0.07 0.00
NM_CENTRAL___DRP 24181	15.86 -0.35 0.00	14.57 -0.33 0.00	10.07 -0.22 0.00	11.34 -0.24 0.00	11.68 -0.24 0.00	12.81 -0.24 0.00	17.16 -0.29 0.00	17.79 -0.33 0.00	15.75 -0.31 0.00	17.19 -0.33 0.00	21.82 -0.46 0.00	22.35 -0.46 0.00	22.75 -0.48 0.00	22.40 -0.47 0.00	22.36 -0.47 0.00	21.09 -0.42 0.00	24.66 -0.51 0.00	28.06 -0.61 0.00	28.36 -0.62 0.00	30.92 -0.73 0.00	25.25 -0.61 0.00	27.16 -0.59 0.00	21.68 -0.42 0.00	20.94 -0.36 0.00
NM_FRONTIER___DRP 24179	14.45 -1.76 0.00	13.26 -1.64 0.00	9.18 -1.11 0.00	10.39 -1.19 0.00	10.72 -1.20 0.00	11.88 -1.18 0.00	16.05 -1.40 0.00	16.37 -1.75 0.00	14.33 -1.73 0.00	15.70 -1.82 0.00	19.93 -2.35 0.00	20.48 -2.33 0.00	20.77 -2.45 0.00	20.33 -2.54 0.00	20.39 -2.44 0.00	19.08 -2.44 0.00	22.27 -2.90 0.00	25.29 -3.38 0.00	25.68 -3.29 0.00	27.99 -3.67 0.00	22.84 -3.01 0.00	24.43 -3.32 0.00	19.84 -2.27 0.00	19.54 -1.77 0.00
NM_ST_REGIS___HYD 24053	16.25 0.04 0.00	14.94 0.04 0.00	10.31 0.01 0.00	11.61 0.03 0.00	11.96 0.04 0.00	13.11 0.06 0.00	17.57 0.12 0.00	18.24 0.12 0.00	16.12 0.06 0.00	17.60 0.08 0.00	22.38 0.10 0.00	22.93 0.12 0.00	23.37 0.15 0.00	22.99 0.12 0.00	23.02 0.19 0.00	21.70 0.19 0.00	25.42 0.25 0.00	29.01 0.34 0.00	29.47 0.49 0.00	32.27 0.60 0.00	26.35 0.50 0.00	28.23 0.48 0.00	22.44 0.34 0.00	21.62 0.31 0.00

NORTHPORT___1 23551	17.43 1.17 -0.05	16.94 1.03 -1.01	11.24 0.73 -0.22	12.59 0.80 -0.21	12.70 0.77 0.00	13.86 0.81 0.00	18.57 1.12 0.00	19.26 1.14 0.00	28.84 1.06 -11.72	21.36 1.14 -2.70	25.92 1.62 -2.02	33.96 1.71 -9.44	24.92 1.69 0.00	24.57 1.70 0.00	24.27 1.45 0.00	22.69 1.18 0.00	26.67 1.50 0.00	30.44 1.77 0.00	30.56 1.58 0.00	33.44 1.78 0.00	27.24 1.38 0.00	29.20 1.46 0.00	23.23 1.13 0.00	22.29 0.98 0.00
NORTHPORT___2 23552	17.43 1.17 -0.05	16.94 1.03 -1.01	11.24 0.73 -0.22	12.59 0.80 -0.21	12.70 0.77 0.00	13.86 0.81 0.00	18.57 1.12 0.00	19.26 1.14 0.00	28.84 1.06 -11.72	21.36 1.14 -2.70	25.92 1.62 -2.02	33.96 1.71 -9.44	24.92 1.69 0.00	24.57 1.70 0.00	24.27 1.45 0.00	22.69 1.18 0.00	26.67 1.50 0.00	30.44 1.77 0.00	30.56 1.58 0.00	33.44 1.78 0.00	27.24 1.38 0.00	29.20 1.46 0.00	23.23 1.13 0.00	22.29 0.98 0.00
NORTHPORT___3 23553	17.25 0.98 -0.05	16.77 0.86 -1.01	11.12 0.61 -0.22	12.45 0.67 -0.21	12.57 0.65 0.00	13.74 0.69 0.00	18.37 0.92 0.00	19.10 0.98 0.00	28.74 0.95 -11.72	21.32 1.10 -2.70	25.69 1.40 -2.02	33.71 1.46 -9.44	24.70 1.48 0.00	24.35 1.47 0.00	24.10 1.27 0.00	22.55 1.04 0.00	26.50 1.33 0.00	30.25 1.58 0.00	30.40 1.42 0.00	33.25 1.59 0.00	27.07 1.22 0.00	28.99 1.24 0.00	23.02 0.92 0.00	22.07 0.76 0.00
NORTHPORT___4 23650	17.25 0.98 -0.05	16.77 0.86 -1.01	11.12 0.61 -0.22	12.45 0.67 -0.21	12.57 0.65 0.00	13.74 0.69 0.00	18.37 0.92 0.00	19.10 0.98 0.00	28.74 0.95 -11.72	21.32 1.10 -2.70	25.69 1.40 -2.02	33.71 1.46 -9.44	24.70 1.48 0.00	24.35 1.47 0.00	24.10 1.27 0.00	22.55 1.04 0.00	26.50 1.33 0.00	30.25 1.58 0.00	30.40 1.42 0.00	33.25 1.59 0.00	27.07 1.22 0.00	28.99 1.24 0.00	23.02 0.92 0.00	22.07 0.76 0.00
NORTHPORT___IC 23718	17.43 1.17 -0.05	16.94 1.03 -1.01	11.24 0.73 -0.22	12.59 0.80 -0.21	12.70 0.77 0.00	13.86 0.81 0.00	18.57 1.12 0.00	19.26 1.14 0.00	28.84 1.06 -11.72	21.36 1.14 -2.70	25.92 1.62 -2.02	33.96 1.71 -9.44	24.92 1.69 0.00	24.57 1.70 0.00	24.27 1.45 0.00	22.69 1.18 0.00	26.67 1.50 0.00	30.44 1.77 0.00	30.56 1.58 0.00	33.44 1.78 0.00	27.24 1.38 0.00	29.20 1.46 0.00	23.23 1.13 0.00	22.29 0.98 0.00
NORTH___COUNTRY_ESR 323785	16.61 0.40 0.00	15.26 0.36 0.00	10.53 0.23 0.00	11.85 0.27 0.00	12.18 0.27 0.00	13.36 0.31 0.00	17.88 0.44 0.00	18.60 0.48 0.00	16.46 0.40 0.00	17.99 0.47 0.00	22.90 0.62 0.00	23.43 0.62 0.00	23.83 0.61 0.00	23.44 0.57 0.00	23.44 0.61 0.00	22.11 0.60 0.00	25.91 0.74 0.00	29.52 0.85 0.00	29.93 0.95 0.00	32.75 1.09 0.00	26.75 0.90 0.00	28.68 0.93 0.00	22.83 0.73 0.00	22.01 0.70 0.00
NPX_GEN_1385_PROXY 323591	17.36 1.10 -0.05	16.86 0.94 -1.01	11.13 0.62 -0.22	12.52 0.73 -0.21	12.62 0.70 0.00	13.72 0.67 0.00	18.44 0.99 0.00	19.03 0.90 0.00	28.66 0.88 -11.72	21.63 0.82 -3.29	25.47 1.17 -2.02	28.10 1.29 -4.00	24.36 1.13 0.00	24.02 1.15 0.00	23.70 0.87 0.00	22.21 0.69 0.00	26.31 1.14 0.00	30.06 1.39 0.00	30.51 0.90 -0.63	33.03 1.37 0.00	26.68 0.83 0.00	28.62 0.86 0.00	23.02 0.92 0.00	22.18 0.87 0.00
NPX_GEN_CSC 323557	17.85 1.57 -0.07	17.28 1.37 -1.01	11.47 0.95 -0.22	12.85 1.06 -0.21	12.98 1.06 0.00	14.20 1.15 0.00	18.98 1.54 0.00	19.69 1.57 0.00	29.33 1.53 -11.74	22.54 1.67 -3.35	26.05 1.75 -2.02	34.03 1.77 -9.44	25.17 1.95 0.00	24.82 1.95 0.00	24.47 1.64 0.00	22.59 1.08 0.00	26.55 1.38 0.00	30.39 1.72 0.00	31.14 1.53 -0.63	33.33 1.67 0.00	27.29 1.43 0.00	29.35 1.60 0.00	23.27 1.17 0.00	22.32 1.01 0.00
NSINS_S_GLNS_FALLS 23858	16.96 0.75 0.00	15.58 0.68 0.00	10.75 0.45 0.00	12.08 0.50 0.00	12.45 0.53 0.00	13.67 0.62 0.00	18.31 0.86 0.00	19.15 1.02 0.00	17.05 0.99 0.00	18.58 1.06 0.00	23.73 1.45 0.00	24.24 1.43 0.00	24.67 1.44 0.00	24.30 1.43 0.00	24.28 1.46 0.00	22.89 1.38 0.00	26.97 1.80 0.00	30.73 2.06 0.00	30.92 1.95 0.00	33.73 2.07 0.00	27.38 1.53 0.00	29.32 1.57 0.00	23.20 1.10 0.00	22.22 0.91 0.00
NUCOR_STEEL___DRP 24197	15.95 -0.26 0.00	14.64 -0.26 0.00	10.12 -0.17 0.00	11.39 -0.19 0.00	11.74 -0.18 0.00	12.89 -0.16 0.00	17.30 -0.15 0.00	17.93 -0.19 0.00	15.87 -0.19 0.00	17.32 -0.21 0.00	21.99 -0.29 0.00	22.55 -0.26 0.00	22.94 -0.29 0.00	22.57 -0.30 0.00	22.53 -0.30 0.00	21.24 -0.27 0.00	24.85 -0.32 0.00	28.29 -0.38 0.00	28.61 -0.36 0.00	31.19 -0.47 0.00	25.45 -0.41 0.00	27.34 -0.41 0.00	21.83 -0.27 0.00	21.08 -0.23 0.00
NUMBER_THREE_WT_PWR 323818	16.02 -0.19 0.00	14.77 -0.13 0.00	10.16 -0.14 0.00	11.47 -0.11 0.00	11.88 -0.04 0.00	13.01 -0.04 0.00	17.50 0.05 0.00	18.01 -0.11 0.00	15.72 -0.34 0.00	17.12 -0.40 0.00	21.71 -0.57 0.00	22.43 -0.38 0.00	23.19 -0.04 0.00	22.80 -0.07 0.00	22.95 0.12 0.00	21.67 0.16 0.00	25.31 0.14 0.00	28.85 0.18 0.00	29.22 0.25 0.00	31.81 0.15 0.00	25.94 0.08 0.00	27.88 0.12 0.00	22.10 0.00 0.00	21.32 0.01 0.00
NYISO_LBMP_REFERENCE 24008	16.21 0.00 0.00	14.90 0.00 0.00	10.29 0.00 0.00	11.58 0.00 0.00	11.92 0.00 0.00	13.05 0.00 0.00	17.45 0.00 0.00	18.12 0.00 0.00	16.06 0.00 0.00	17.52 0.00 0.00	22.28 0.00 0.00	22.81 0.00 0.00	23.23 0.00 0.00	22.87 0.00 0.00	22.83 0.00 0.00	21.51 0.00 0.00	25.17 0.00 0.00	28.67 0.00 0.00	28.98 0.00 0.00	31.66 0.00 0.00	25.85 0.00 0.00	27.75 0.00 0.00	22.10 0.00 0.00	21.31 0.00 0.00
NYPA_BRENTWD___GT 24164	17.60 1.33 -0.06	17.08 1.17 -1.01	11.34 0.83 -0.22	12.69 0.91 -0.21	12.81 0.89 0.00	14.01 0.96 0.00	18.79 1.34 0.00	19.50 1.38 0.00	29.04 1.26 -11.72	21.60 1.37 -2.70	26.19 1.90 -2.02	34.26 2.00 -9.44	25.23 2.01 0.00	24.90 2.02 0.00	24.62 1.79 0.00	23.02 1.51 0.00	27.08 1.91 0.00	30.93 2.26 0.00	31.07 2.09 0.00	33.97 2.30 0.00	27.65 1.80 0.00	29.62 1.87 0.00	23.51 1.41 0.00	22.52 1.22 0.00
NYPA_GOWANUS___GT5 24156	17.10 0.89 0.00	15.67 0.78 0.00	10.85 0.55 0.00	12.17 0.59 0.00	12.51 0.59 0.00	13.69 0.64 0.00	18.31 0.87 0.00	19.11 0.99 0.00	16.95 0.90 0.00	18.48 0.95 0.00	23.61 1.33 0.00	24.15 1.34 0.00	72.56 1.42 -47.91	46.48 1.42 -22.19	54.63 1.29 -30.51	97.14 1.18 -74.45	34.66 1.42 -8.07	159.02 1.62 -128.74	38.93 1.60 -8.36	89.17 1.74 -55.77	60.63 1.38 -33.40	118.83 1.35 -89.73	23.09 0.97 -0.02	22.17 0.86 0.00
NYPA_GOWANUS___GT6 24157	17.10 0.89 0.00	15.67 0.78 0.00	10.85 0.55 0.00	12.17 0.59 0.00	12.51 0.59 0.00	13.69 0.64 0.00	18.31 0.87 0.00	19.11 0.99 0.00	16.95 0.90 0.00	18.48 0.95 0.00	23.61 1.33 0.00	24.15 1.34 0.00	72.56 1.42 -47.91	46.48 1.42 -22.19	54.63 1.29 -30.51	97.14 1.18 -74.45	34.66 1.42 -8.07	159.02 1.62 -128.74	38.93 1.60 -8.36	89.17 1.74 -55.77	60.63 1.38 -33.40	118.83 1.35 -89.73	23.09 0.97 -0.02	22.17 0.86 0.00

NYPA_HARLEM__RVR__GT1 24160	16.97 0.76 0.00	15.56 0.66 0.00	10.77 0.48 0.00	12.07 0.49 0.00	12.41 0.49 0.00	13.58 0.53 0.00	18.16 0.71 0.00	18.99 0.87 0.00	16.85 0.79 0.00	18.40 0.88 0.00	23.52 1.24 0.00	24.02 1.21 0.00	24.48 1.26 0.00	24.18 1.31 0.00	23.99 1.16 0.00	22.54 1.03 0.00	26.44 1.27 0.00	30.07 1.40 0.00	30.34 1.37 0.00	33.15 1.49 0.00	27.05 1.19 0.00	28.91 1.16 0.00	22.92 0.82 0.00	22.04 0.73 0.00
NYPA_HARLEM__RVR__GT2 24161	16.97 0.76 0.00	15.56 0.66 0.00	10.77 0.48 0.00	12.07 0.49 0.00	12.41 0.49 0.00	13.58 0.53 0.00	18.16 0.71 0.00	18.99 0.87 0.00	16.85 0.79 0.00	18.40 0.88 0.00	23.52 1.24 0.00	24.02 1.21 0.00	24.48 1.26 0.00	24.18 1.31 0.00	23.99 1.16 0.00	22.54 1.03 0.00	26.44 1.27 0.00	30.07 1.40 0.00	30.34 1.37 0.00	33.15 1.49 0.00	27.05 1.19 0.00	28.91 1.16 0.00	22.92 0.82 0.00	22.04 0.73 0.00
NYPA_KENT____GT 24152	17.08 0.87 0.00	15.66 0.76 0.00	10.83 0.54 0.00	12.15 0.57 0.00	12.49 0.57 0.00	13.67 0.62 0.00	18.28 0.83 0.00	19.08 0.96 0.00	16.93 0.87 0.00	18.46 0.94 0.00	23.59 1.31 0.00	24.11 1.30 0.00	53.44 1.37 -28.83	37.61 1.38 -13.35	42.44 1.25 -18.36	67.44 1.13 -44.80	31.40 1.37 -4.86	107.70 1.56 -77.47	35.55 1.54 -5.03	66.89 1.67 -33.56	47.28 1.33 -20.10	83.05 1.29 -54.00	23.03 0.91 -0.01	22.11 0.80 0.00
NYPA_POUCH1____GT 24155	17.07 0.86 0.00	15.64 0.75 0.00	10.83 0.53 0.00	12.14 0.57 0.00	12.49 0.57 0.00	13.67 0.62 0.00	18.28 0.83 0.00	19.08 0.96 0.00	16.91 0.85 0.00	18.41 0.89 0.00	23.52 1.24 0.00	24.05 1.24 0.00	72.49 1.35 -47.91	46.40 1.34 -22.19	54.56 1.22 -30.51	97.07 1.12 -74.45	34.59 1.35 -8.07	158.96 1.56 -128.74	38.87 1.53 -8.36	89.07 1.64 -55.77	60.54 1.28 -33.40	118.76 1.27 -89.73	23.04 0.91 -0.02	22.13 0.82 0.00
NYPA_VERNON____GT2 24162	17.05 0.84 0.00	15.64 0.74 0.00	10.82 0.53 0.00	12.13 0.55 0.00	12.47 0.56 0.00	13.65 0.60 0.00	18.25 0.80 0.00	19.05 0.92 0.00	16.91 0.85 0.00	18.44 0.92 0.00	23.56 1.28 0.00	24.08 1.28 0.00	34.31 1.33 -9.75	28.73 1.34 -4.52	30.25 1.20 -6.21	37.75 1.08 -15.15	28.13 1.32 -1.64	56.37 1.49 -26.21	32.15 1.48 -1.70	44.62 1.60 -11.35	33.93 1.28 -6.80	47.26 1.24 -18.27	22.96 0.86 0.00	22.06 0.75 0.00
NYPA_VERNON____GT3 24163	17.05 0.84 0.00	15.64 0.74 0.00	10.82 0.53 0.00	12.13 0.55 0.00	12.47 0.56 0.00	13.65 0.60 0.00	18.25 0.80 0.00	19.05 0.92 0.00	16.91 0.85 0.00	18.44 0.92 0.00	23.56 1.28 0.00	24.08 1.28 0.00	34.31 1.33 -9.75	28.73 1.34 -4.52	30.25 1.20 -6.21	37.75 1.08 -15.15	28.13 1.32 -1.64	56.37 1.49 -26.21	32.15 1.48 -1.70	44.62 1.60 -11.35	33.93 1.28 -6.80	47.26 1.24 -18.27	22.96 0.86 0.00	22.06 0.75 0.00
NYPA__ASTORIA_CC1 323568	17.04 0.83 0.00	15.62 0.73 0.00	10.81 0.52 0.00	12.12 0.54 0.00	12.46 0.54 0.00	13.64 0.59 0.00	18.22 0.77 0.00	19.02 0.89 0.00	16.88 0.82 0.00	18.41 0.89 0.00	23.53 1.24 0.00	24.04 1.23 0.00	24.51 1.29 0.00	24.18 1.31 0.00	23.99 1.16 0.00	22.55 1.04 0.00	26.44 1.27 0.00	30.11 1.44 0.00	30.41 1.43 0.00	33.21 1.54 0.00	27.08 1.23 0.00	28.94 1.19 0.00	22.93 0.82 0.00	22.03 0.72 0.00
NYPA__ASTORIA_CC2 323569	17.04 0.83 0.00	15.62 0.73 0.00	10.81 0.52 0.00	12.12 0.54 0.00	12.46 0.54 0.00	13.64 0.59 0.00	18.22 0.77 0.00	19.02 0.89 0.00	16.88 0.82 0.00	18.41 0.89 0.00	23.53 1.24 0.00	24.04 1.23 0.00	24.51 1.29 0.00	24.18 1.31 0.00	23.99 1.16 0.00	22.55 1.04 0.00	26.44 1.27 0.00	30.11 1.44 0.00	30.41 1.43 0.00	33.21 1.54 0.00	27.08 1.23 0.00	28.94 1.19 0.00	22.93 0.82 0.00	22.03 0.72 0.00
NYPA__HOLTSVILL 23794	17.64 1.36 -0.07	17.10 1.19 -1.01	11.35 0.84 -0.22	12.71 0.92 -0.21	12.83 0.91 0.00	14.04 0.99 0.00	18.79 1.34 0.00	19.51 1.39 0.00	29.10 1.30 -11.74	21.71 1.42 -2.76	26.07 1.78 -2.02	34.10 1.84 -9.44	25.14 1.91 0.00	24.79 1.92 0.00	24.48 1.65 0.00	22.77 1.26 0.00	26.75 1.58 0.00	30.59 1.92 0.00	30.72 1.74 0.00	33.57 1.91 0.00	27.39 1.53 0.00	29.40 1.65 0.00	23.31 1.21 0.00	22.35 1.04 0.00
NYPA__HELLGATE_GT1 24158	16.97 0.76 0.00	15.56 0.66 0.00	10.77 0.48 0.00	12.07 0.49 0.00	12.41 0.49 0.00	13.58 0.53 0.00	18.16 0.71 0.00	18.99 0.87 0.00	16.85 0.79 0.00	18.40 0.88 0.00	23.52 1.24 0.00	24.02 1.21 0.00	24.48 1.26 0.00	24.18 1.31 0.00	23.99 1.16 0.00	22.54 1.03 0.00	26.44 1.27 0.00	30.07 1.40 0.00	30.33 1.36 0.00	33.14 1.47 0.00	27.05 1.19 0.00	28.91 1.16 0.00	22.92 0.82 0.00	22.04 0.73 0.00
NYPA__HELLGATE_GT2 24159	16.97 0.76 0.00	15.56 0.66 0.00	10.77 0.48 0.00	12.07 0.49 0.00	12.41 0.49 0.00	13.58 0.53 0.00	18.16 0.71 0.00	18.99 0.87 0.00	16.85 0.79 0.00	18.40 0.88 0.00	23.52 1.24 0.00	24.02 1.21 0.00	24.48 1.26 0.00	24.18 1.31 0.00	23.99 1.16 0.00	22.54 1.03 0.00	26.44 1.27 0.00	30.07 1.40 0.00	30.33 1.36 0.00	33.14 1.47 0.00	27.05 1.19 0.00	28.91 1.16 0.00	22.92 0.82 0.00	22.04 0.73 0.00
NYS_BARGE__HYD 23848	14.75 -1.46 0.00	13.53 -1.37 0.00	9.37 -0.93 0.00	10.60 -0.98 0.00	10.94 -0.98 0.00	12.13 -0.92 0.00	16.41 -1.04 0.00	16.72 -1.40 0.00	14.70 -1.36 0.00	16.13 -1.40 0.00	20.46 -1.82 0.00	21.03 -1.78 0.00	21.35 -1.88 0.00	20.89 -1.98 0.00	20.95 -1.88 0.00	19.61 -1.90 0.00	22.92 -2.25 0.00	26.06 -2.61 0.00	26.47 -2.50 0.00	28.82 -2.84 0.00	23.49 -2.36 0.00	25.12 -2.64 0.00	20.34 -1.76 0.00	19.97 -1.34 0.00
OAK_ORCHARD__HYD 24046	15.30 -0.91 0.00	14.04 -0.85 0.00	9.71 -0.58 0.00	10.96 -0.62 0.00	11.31 -0.61 0.00	12.49 -0.56 0.00	16.82 -0.63 0.00	17.34 -0.78 0.00	15.32 -0.74 0.00	16.75 -0.77 0.00	21.26 -1.02 0.00	21.82 -0.99 0.00	22.19 -1.04 0.00	21.78 -1.10 0.00	21.79 -1.04 0.00	20.46 -1.05 0.00	23.94 -1.23 0.00	27.23 -1.44 0.00	27.60 -1.38 0.00	30.06 -1.60 0.00	24.50 -1.35 0.00	26.25 -1.50 0.00	21.06 -1.04 0.00	20.48 -0.83 0.00
OAKDALE__35_KV_LOAD 356122	15.98 -0.23 0.00	14.68 -0.22 0.00	10.16 -0.14 0.00	11.42 -0.16 0.00	11.77 -0.15 0.00	12.92 -0.13 0.00	17.37 -0.08 0.00	18.03 -0.10 0.00	15.93 -0.13 0.00	17.37 -0.15 0.00	22.07 -0.21 0.00	22.63 -0.18 0.00	23.01 -0.22 0.00	22.64 -0.23 0.00	22.60 -0.23 0.00	21.29 -0.22 0.00	24.90 -0.27 0.00	28.37 -0.30 0.00	28.72 -0.25 0.00	31.33 -0.34 0.00	25.54 -0.32 0.00	27.39 -0.36 0.00	21.85 -0.25 0.00	21.07 -0.24 0.00
OCC_CHEM__DRP 24175	14.47 -1.74 0.00	13.28 -1.61 0.00	9.20 -1.09 0.00	10.42 -1.17 0.00	10.74 -1.18 0.00	11.90 -1.15 0.00	16.08 -1.37 0.00	16.40 -1.72 0.00	14.37 -1.69 0.00	15.74 -1.78 0.00	19.98 -2.30 0.00	20.53 -2.28 0.00	20.83 -2.40 0.00	20.39 -2.48 0.00	20.44 -2.39 0.00	19.13 -2.38 0.00	22.32 -2.85 0.00	25.36 -3.31 0.00	25.76 -3.22 0.00	28.07 -3.59 0.00	22.90 -2.95 0.00	24.49 -3.26 0.00	19.88 -2.22 0.00	19.58 -1.73 0.00

OH_GEN_PROXY 24063	18.84 -1.58 -4.21	17.14 -1.47 -3.70	9.30 -0.99 0.00	10.52 -1.06 0.00	10.85 -1.07 0.00	17.45 -1.03 -5.43	24.57 -1.21 -8.32	30.08 -1.51 -13.47	14.61 -1.45 0.00	16.61 -1.50 -0.59	20.33 -1.95 0.00	20.89 -1.92 0.00	21.19 -2.03 0.00	20.75 -2.12 0.00	20.79 -2.04 0.00	19.45 -2.06 0.00	22.70 -2.47 0.00	25.80 -2.87 0.00	26.86 -2.75 -0.63	28.56 -3.10 0.00	23.30 -2.55 0.00	24.93 -2.82 0.00	20.15 -1.95 0.00	19.75 -1.56 0.00
OLIN_CORP_DRP 24177	14.55 -1.66 0.00	13.35 -1.55 0.00	9.24 -1.05 0.00	10.46 -1.12 0.00	10.79 -1.13 0.00	11.96 -1.09 0.00	16.17 -1.28 0.00	16.44 -1.69 0.00	14.43 -1.62 0.00	15.84 -1.68 0.00	20.11 -2.17 0.00	20.66 -2.15 0.00	20.97 -2.26 0.00	20.52 -2.35 0.00	20.58 -2.25 0.00	19.26 -2.25 0.00	22.49 -2.68 0.00	25.55 -3.12 0.00	25.96 -3.02 0.00	28.29 -3.38 0.00	23.07 -2.78 0.00	24.67 -3.08 0.00	20.02 -2.09 0.00	19.68 -1.63 0.00
OLIN_CORP_DSASP 323712	14.47 -1.74 0.00	13.29 -1.61 0.00	9.20 -1.09 0.00	10.42 -1.17 0.00	10.74 -1.18 0.00	11.90 -1.15 0.00	16.08 -1.37 0.00	16.41 -1.72 0.00	14.37 -1.69 0.00	15.74 -1.78 0.00	19.98 -2.30 0.00	20.53 -2.28 0.00	20.83 -2.39 0.00	20.38 -2.49 0.00	20.44 -2.39 0.00	19.13 -2.39 0.00	22.32 -2.85 0.00	25.36 -3.31 0.00	25.77 -3.21 0.00	28.06 -3.60 0.00	22.90 -2.95 0.00	24.49 -3.26 0.00	19.87 -2.23 0.00	19.57 -1.74 0.00
ONEIDA_HERK_LFGE 323681	16.29 0.08 0.00	15.00 0.10 0.00	10.35 0.05 0.00	11.66 0.08 0.00	12.03 0.11 0.00	13.19 0.14 0.00	17.70 0.26 0.00	18.33 0.21 0.00	16.17 0.11 0.00	17.64 0.11 0.00	22.39 0.11 0.00	23.01 0.20 0.00	23.58 0.35 0.00	23.21 0.34 0.00	23.24 0.41 0.00	21.93 0.42 0.00	25.66 0.49 0.00	29.23 0.56 0.00	29.55 0.57 0.00	32.20 0.54 0.00	26.26 0.40 0.00	28.18 0.43 0.00	22.37 0.27 0.00	21.56 0.25 0.00
ONEIDA___115KV_TB4 55905	16.38 0.17 0.00	15.08 0.18 0.00	10.41 0.12 0.00	11.72 0.14 0.00	12.08 0.16 0.00	13.27 0.22 0.00	17.81 0.36 0.00	18.48 0.36 0.00	16.37 0.30 0.00	17.86 0.34 0.00	22.69 0.41 0.00	23.27 0.46 0.00	23.75 0.52 0.00	23.39 0.52 0.00	23.37 0.54 0.00	22.05 0.53 0.00	25.83 0.65 0.00	29.34 0.67 0.00	29.63 0.66 0.00	32.29 0.63 0.00	26.32 0.47 0.00	28.24 0.49 0.00	22.47 0.36 0.00	21.63 0.32 0.00
ONONDAGA_REF_OCCRA 23987	15.96 -0.25 0.00	14.66 -0.24 0.00	10.14 -0.16 0.00	11.40 -0.18 0.00	11.75 -0.17 0.00	12.89 -0.16 0.00	17.28 -0.17 0.00	17.92 -0.20 0.00	15.87 -0.19 0.00	17.32 -0.20 0.00	21.99 -0.29 0.00	22.53 -0.28 0.00	22.94 -0.29 0.00	22.58 -0.29 0.00	22.54 -0.30 0.00	21.25 -0.26 0.00	24.85 -0.32 0.00	28.29 -0.38 0.00	28.59 -0.38 0.00	31.18 -0.48 0.00	25.45 -0.40 0.00	27.36 -0.39 0.00	21.83 -0.27 0.00	21.08 -0.23 0.00
ONONDAGA___COGEN 23986	15.94 -0.27 0.00	14.64 -0.26 0.00	10.12 -0.18 0.00	11.39 -0.19 0.00	11.73 -0.19 0.00	12.87 -0.18 0.00	17.24 -0.20 0.00	17.88 -0.24 0.00	15.83 -0.23 0.00	17.28 -0.24 0.00	21.93 -0.35 0.00	22.53 -0.28 0.00	22.93 -0.29 0.00	22.57 -0.30 0.00	22.50 -0.33 0.00	21.20 -0.31 0.00	24.79 -0.38 0.00	28.22 -0.45 0.00	28.52 -0.46 0.00	31.12 -0.55 0.00	25.39 -0.46 0.00	27.31 -0.44 0.00	21.80 -0.30 0.00	21.05 -0.25 0.00
ONTARIO___LFGE 23819	15.73 -0.48 0.00	14.40 -0.50 0.00	9.96 -0.34 0.00	11.20 -0.38 0.00	11.56 -0.36 0.00	12.75 -0.30 0.00	17.20 -0.25 0.00	17.82 -0.30 0.00	15.74 -0.32 0.00	17.20 -0.32 0.00	21.84 -0.44 0.00	22.42 -0.39 0.00	22.78 -0.45 0.00	22.37 -0.50 0.00	22.36 -0.47 0.00	21.05 -0.46 0.00	24.62 -0.55 0.00	27.99 -0.69 0.00	28.49 -0.48 0.00	30.99 -0.67 0.00	25.24 -0.61 0.00	27.06 -0.69 0.00	21.61 -0.49 0.00	20.91 -0.39 0.00
ORANGEVILLE_WT_PWR 323706	14.74 -1.47 0.00	13.51 -1.38 0.00	9.38 -0.92 0.00	10.60 -0.98 0.00	10.94 -0.98 0.00	12.14 -0.91 0.00	16.45 -1.00 0.00	16.91 -1.21 0.00	14.87 -1.19 0.00	16.31 -1.22 0.00	20.74 -1.54 0.00	21.33 -1.48 0.00	21.64 -1.59 0.00	21.16 -1.72 0.00	21.20 -1.63 0.00	19.88 -1.63 0.00	23.24 -1.93 0.00	26.49 -2.18 0.00	26.89 -2.09 0.00	29.27 -2.39 0.00	23.85 -2.00 0.00	25.60 -2.15 0.00	20.66 -1.45 0.00	20.14 -1.17 0.00
ORANGEVILLE___ESR 323794	14.74 -1.47 0.00	13.51 -1.38 0.00	9.38 -0.92 0.00	10.60 -0.98 0.00	10.94 -0.98 0.00	12.14 -0.91 0.00	16.45 -1.00 0.00	16.91 -1.21 0.00	14.87 -1.19 0.00	16.31 -1.22 0.00	20.74 -1.54 0.00	21.33 -1.48 0.00	21.64 -1.59 0.00	21.16 -1.72 0.00	21.20 -1.63 0.00	19.88 -1.63 0.00	23.24 -1.93 0.00	26.49 -2.18 0.00	26.89 -2.09 0.00	29.27 -2.39 0.00	23.85 -2.00 0.00	25.60 -2.15 0.00	20.66 -1.45 0.00	20.14 -1.17 0.00
OSWEGATCHIE___HYD 24044	15.88 -0.33 0.00	14.62 -0.27 0.00	10.08 -0.22 0.00	11.36 -0.22 0.00	11.74 -0.18 0.00	12.86 -0.19 0.00	17.26 -0.18 0.00	17.86 -0.26 0.00	15.70 -0.36 0.00	17.10 -0.42 0.00	21.69 -0.59 0.00	22.29 -0.52 0.00	22.90 -0.33 0.00	22.54 -0.34 0.00	22.62 -0.21 0.00	21.35 -0.16 0.00	24.97 -0.20 0.00	28.48 -0.18 0.00	28.90 -0.08 0.00	31.55 -0.11 0.00	25.74 -0.11 0.00	27.61 -0.15 0.00	21.92 -0.18 0.00	21.13 -0.17 0.00
OSWEGO___5 23606	15.71 -0.50 0.00	14.43 -0.46 0.00	9.98 -0.32 0.00	11.23 -0.35 0.00	11.57 -0.35 0.00	12.67 -0.38 0.00	16.96 -0.49 0.00	17.58 -0.54 0.00	15.57 -0.49 0.00	16.99 -0.53 0.00	21.56 -0.72 0.00	22.06 -0.75 0.00	22.46 -0.76 0.00	22.11 -0.76 0.00	22.08 -0.75 0.00	20.83 -0.68 0.00	24.35 -0.82 0.00	27.71 -0.97 0.00	28.00 -0.97 0.00	30.56 -1.10 0.00	24.96 -0.90 0.00	26.86 -0.89 0.00	21.46 -0.64 0.00	20.74 -0.57 0.00
OSWEGO___6 23613	15.71 -0.50 0.00	14.43 -0.46 0.00	9.98 -0.32 0.00	11.23 -0.35 0.00	11.57 -0.35 0.00	12.67 -0.38 0.00	16.96 -0.49 0.00	17.58 -0.54 0.00	15.57 -0.49 0.00	16.99 -0.53 0.00	21.56 -0.72 0.00	22.06 -0.75 0.00	22.46 -0.76 0.00	22.11 -0.76 0.00	22.08 -0.75 0.00	20.83 -0.68 0.00	24.35 -0.82 0.00	27.71 -0.97 0.00	28.00 -0.97 0.00	30.56 -1.10 0.00	24.96 -0.90 0.00	26.86 -0.89 0.00	21.46 -0.64 0.00	20.74 -0.57 0.00
OUTOKUMPU-AB___DRP 24206	14.82 -1.39 0.00	13.60 -1.30 0.00	9.42 -0.88 0.00	10.65 -0.93 0.00	10.99 -0.93 0.00	12.19 -0.86 0.00	16.49 -0.95 0.00	16.84 -1.28 0.00	14.79 -1.27 0.00	16.21 -1.31 0.00	20.58 -1.70 0.00	21.15 -1.66 0.00	21.47 -1.75 0.00	21.02 -1.85 0.00	21.08 -1.75 0.00	19.74 -1.78 0.00	23.06 -2.11 0.00	26.22 -2.45 0.00	26.63 -2.35 0.00	29.01 -2.65 0.00	23.65 -2.20 0.00	25.29 -2.47 0.00	20.46 -1.64 0.00	20.08 -1.23 0.00
OXBOW___BTM 323836	14.68 -1.53 0.00	13.48 -1.42 0.00	9.33 -0.96 0.00	10.56 -1.02 0.00	10.90 -1.02 0.00	12.08 -0.97 0.00	16.33 -1.12 0.00	16.67 -1.45 0.00	14.62 -1.44 0.00	16.03 -1.50 0.00	20.35 -1.94 0.00	20.90 -1.91 0.00	21.22 -2.01 0.00	20.77 -2.10 0.00	20.83 -2.00 0.00	19.50 -2.01 0.00	22.77 -2.40 0.00	25.88 -2.80 0.00	26.29 -2.69 0.00	28.63 -3.04 0.00	23.35 -2.50 0.00	24.97 -2.78 0.00	20.23 -1.87 0.00	19.88 -1.43 0.00

OXBOW____ 24026	14.68 -1.53 0.00	13.48 -1.42 0.00	9.33 -0.96 0.00	10.56 -1.02 0.00	10.90 -1.02 0.00	12.08 -0.97 0.00	16.33 -1.12 0.00	16.67 -1.45 0.00	14.62 -1.44 0.00	16.03 -1.50 0.00	20.35 -1.94 0.00	20.91 -1.90 0.00	21.22 -2.01 0.00	20.77 -2.11 0.00	20.83 -2.00 0.00	19.50 -2.01 0.00	22.77 -2.40 0.00	25.88 -2.80 0.00	26.29 -2.69 0.00	28.63 -3.04 0.00	23.35 -2.50 0.00	24.97 -2.78 0.00	20.23 -1.87 0.00	19.88 -1.43 0.00
OXY_CHEM_DSASP 323612	14.47 -1.74 0.00	13.28 -1.61 0.00	9.20 -1.09 0.00	10.42 -1.17 0.00	10.74 -1.18 0.00	11.90 -1.15 0.00	16.08 -1.37 0.00	16.40 -1.72 0.00	14.37 -1.69 0.00	15.74 -1.78 0.00	19.98 -2.30 0.00	20.53 -2.28 0.00	20.83 -2.40 0.00	20.39 -2.48 0.00	20.44 -2.39 0.00	19.13 -2.38 0.00	22.32 -2.85 0.00	25.36 -3.31 0.00	25.76 -3.22 0.00	28.07 -3.59 0.00	22.90 -2.95 0.00	24.49 -3.26 0.00	19.88 -2.22 0.00	19.58 -1.73 0.00
OZONE_PARK_ESR 323760	17.12 0.91 0.00	15.70 0.80 0.00	10.86 0.56 0.00	12.19 0.61 0.00	12.53 0.61 0.00	13.72 0.67 0.00	18.34 0.89 0.00	19.15 1.03 0.00	17.00 0.95 0.00	18.54 1.02 0.00	23.70 1.42 0.00	24.24 1.43 0.00	24.69 1.47 0.00	24.35 1.48 0.00	24.18 1.36 0.00	22.74 1.23 0.00	26.66 1.49 0.00	30.38 1.71 0.00	30.67 1.69 0.00	33.49 1.83 0.00	27.31 1.46 0.00	29.19 1.44 0.00	23.11 1.01 0.00	22.18 0.87 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	14.47 -1.74 0.00	13.28 -1.61 0.00	9.20 -1.09 0.00	10.42 -1.17 0.00	10.74 -1.18 0.00	11.90 -1.15 0.00	16.08 -1.37 0.00	16.40 -1.72 0.00	14.37 -1.69 0.00	15.74 -1.78 0.00	19.98 -2.30 0.00	20.53 -2.28 0.00	20.83 -2.40 0.00	20.39 -2.48 0.00	20.44 -2.39 0.00	19.13 -2.38 0.00	22.32 -2.85 0.00	25.36 -3.31 0.00	25.76 -3.22 0.00	28.07 -3.59 0.00	22.90 -2.95 0.00	24.49 -3.26 0.00	19.88 -2.22 0.00	19.58 -1.73 0.00
PACKARD__115KV_DUPONT_184 80571	14.47 -1.74 0.00	13.28 -1.61 0.00	9.20 -1.09 0.00	10.42 -1.17 0.00	10.74 -1.18 0.00	11.90 -1.15 0.00	16.08 -1.37 0.00	16.40 -1.72 0.00	14.37 -1.69 0.00	15.74 -1.78 0.00	19.98 -2.30 0.00	20.53 -2.28 0.00	20.83 -2.40 0.00	20.39 -2.48 0.00	20.44 -2.39 0.00	19.13 -2.38 0.00	22.32 -2.85 0.00	25.36 -3.31 0.00	25.76 -3.22 0.00	28.07 -3.59 0.00	22.90 -2.95 0.00	24.49 -3.26 0.00	19.88 -2.22 0.00	19.58 -1.73 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	17.00 0.79 0.00	15.58 0.69 0.00	10.79 0.49 0.00	12.09 0.51 0.00	12.43 0.51 0.00	13.61 0.55 0.00	18.19 0.74 0.00	18.99 0.87 0.00	16.85 0.79 0.00	18.38 0.86 0.00	23.46 1.18 0.00	23.96 1.16 0.00	24.43 1.21 0.00	24.11 1.24 0.00	23.92 1.10 0.00	22.49 0.98 0.00	26.38 1.21 0.00	30.01 1.34 0.00	30.36 1.38 0.00	33.15 1.49 0.00	27.03 1.18 0.00	28.90 1.15 0.00	22.91 0.80 0.00	22.03 0.72 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	17.11 0.90 0.00	15.65 0.75 0.00	10.83 0.54 0.00	12.15 0.57 0.00	12.50 0.58 0.00	13.68 0.63 0.00	18.28 0.84 0.00	19.06 0.94 0.00	16.90 0.84 0.00	18.45 0.93 0.00	23.56 1.28 0.00	24.03 1.22 0.00	24.52 1.30 0.00	24.20 1.33 0.00	24.02 1.19 0.00	22.58 1.07 0.00	26.49 1.32 0.00	30.13 1.46 0.00	30.49 1.52 0.00	33.29 1.63 0.00	27.14 1.29 0.00	28.99 1.24 0.00	23.00 0.90 0.00	22.12 0.81 0.00
PATROON__115KV_TB1 80586	16.53 0.32 0.00	15.23 0.33 0.00	10.52 0.23 0.00	11.83 0.24 0.00	12.17 0.25 0.00	13.30 0.25 0.00	17.71 0.26 0.00	18.45 0.32 0.00	16.37 0.31 0.00	17.84 0.31 0.00	22.63 0.35 0.00	23.14 0.33 0.00	23.58 0.35 0.00	23.23 0.36 0.00	23.19 0.37 0.00	21.87 0.37 0.00	25.62 0.45 0.00	29.17 0.50 0.00	29.39 0.41 0.00	32.10 0.44 0.00	26.19 0.34 0.00	28.07 0.32 0.00	22.26 0.16 0.00	21.40 0.09 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	15.30 -0.91 0.00	14.03 -0.87 0.00	9.72 -0.58 0.00	10.97 -0.61 0.00	11.32 -0.60 0.00	12.55 -0.50 0.00	17.00 -0.45 0.00	17.43 -0.69 0.00	15.35 -0.71 0.00	16.82 -0.71 0.00	21.33 -0.95 0.00	21.92 -0.89 0.00	22.22 -1.01 0.00	21.75 -1.12 0.00	21.79 -1.04 0.00	20.41 -1.10 0.00	23.87 -1.30 0.00	27.17 -1.50 0.00	27.61 -1.37 0.00	30.08 -1.58 0.00	24.51 -1.35 0.00	26.22 -1.54 0.00	21.16 -0.94 0.00	20.66 -0.65 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	17.05 0.84 0.00	15.64 0.74 0.00	10.82 0.53 0.00	12.14 0.57 0.00	12.49 0.57 0.00	13.69 0.64 0.00	18.31 0.86 0.00	19.09 0.97 0.00	16.95 0.89 0.00	18.49 0.97 0.00	23.58 1.30 0.00	24.11 1.30 0.00	24.59 1.36 0.00	24.23 1.36 0.00	24.09 1.27 0.00	22.67 1.16 0.00	26.62 1.45 0.00	30.34 1.67 0.00	30.63 1.65 0.00	33.44 1.78 0.00	27.24 1.39 0.00	29.11 1.36 0.00	23.07 0.97 0.00	22.12 0.81 0.00
PEEKSKILL____ 23653	16.86 0.65 0.00	15.47 0.57 0.00	10.70 0.41 0.00	12.01 0.43 0.00	12.36 0.44 0.00	13.53 0.48 0.00	18.09 0.64 0.00	18.87 0.75 0.00	16.74 0.68 0.00	18.25 0.73 0.00	23.27 0.99 0.00	23.82 1.01 0.00	24.27 1.05 0.00	23.93 1.06 0.00	23.78 0.95 0.00	22.37 0.86 0.00	26.25 1.08 0.00	29.90 1.23 0.00	30.17 1.20 0.00	32.96 1.30 0.00	26.89 1.04 0.00	28.74 0.99 0.00	22.78 0.68 0.00	21.86 0.55 0.00
PGE MADISON__WINDPWR 24146	16.69 0.49 0.00	15.35 0.45 0.00	10.60 0.31 0.00	11.94 0.36 0.00	12.39 0.47 0.00	13.65 0.60 0.00	18.51 1.06 0.00	19.27 1.15 0.00	16.93 0.87 0.00	18.42 0.90 0.00	23.51 1.23 0.00	24.07 1.26 0.00	24.53 1.31 0.00	24.11 1.24 0.00	24.14 1.31 0.00	22.68 1.17 0.00	26.66 1.49 0.00	30.35 1.68 0.00	30.60 1.62 0.00	33.28 1.61 0.00	27.17 1.32 0.00	29.05 1.30 0.00	23.04 0.94 0.00	22.12 0.81 0.00
PIERCEFIELD__HYD 23852	16.09 -0.12 0.00	14.80 -0.09 0.00	10.21 -0.09 0.00	11.50 -0.08 0.00	11.86 -0.06 0.00	12.99 -0.05 0.00	17.41 -0.04 0.00	18.07 -0.05 0.00	15.95 -0.11 0.00	17.39 -0.14 0.00	22.11 -0.17 0.00	22.66 -0.15 0.00	23.12 -0.11 0.00	22.76 -0.12 0.00	22.79 -0.04 0.00	21.47 -0.03 0.00	25.14 -0.03 0.00	28.70 0.03 0.00	29.16 0.18 0.00	31.93 0.27 0.00	26.08 0.22 0.00	27.94 0.19 0.00	22.21 0.11 0.00	21.41 0.10 0.00
PINELAWN_CC_1 323563	17.44 1.18 -0.06	16.94 1.03 -1.01	11.24 0.73 -0.22	12.58 0.80 -0.21	12.70 0.78 0.00	13.90 0.85 0.00	18.60 1.15 0.00	19.35 1.23 0.00	28.94 1.16 -11.72	21.50 1.28 -2.70	26.02 1.73 -2.02	34.06 1.80 -9.44	25.05 1.82 0.00	24.70 1.83 0.00	24.47 1.64 0.00	22.90 1.39 0.00	26.93 1.76 0.00	30.76 2.09 0.00	30.92 1.94 0.00	33.79 2.13 0.00	27.51 1.66 0.00	29.44 1.69 0.00	23.34 1.25 0.00	22.36 1.06 0.00
PJM_GEN_HTP_PROXY 323702	16.96 0.75 0.00	15.56 0.66 0.00	10.77 0.47 0.00	12.08 0.49 0.00	12.42 0.50 0.00	13.59 0.54 0.00	18.16 0.72 0.00	18.96 0.84 0.00	16.83 0.77 0.00	18.36 0.84 0.00	23.45 1.17 0.00	23.98 1.17 0.00	24.44 1.21 0.00	24.09 1.22 0.00	23.93 1.10 0.00	22.50 0.99 0.00	26.38 1.21 0.00	30.03 1.36 0.00	30.32 1.34 0.00	33.12 1.46 0.00	27.01 1.15 0.00	28.87 1.12 0.00	22.87 0.77 0.00	21.95 0.64 0.00

PJM_GEN_KEystone 24065	16.00 -0.21 0.00	14.68 -0.22 0.00	10.16 -0.13 0.00	11.42 -0.15 0.00	11.77 -0.14 0.00	12.95 -0.10 0.00	17.41 -0.04 0.00	18.06 -0.06 0.00	15.96 -0.10 0.00	17.39 -0.13 0.00	22.10 -0.17 0.00	22.66 -0.15 0.00	23.06 -0.17 0.00	22.67 -0.20 0.00	22.59 -0.24 0.00	21.23 -0.29 0.00	24.85 -0.32 0.00	28.31 -0.36 0.00	28.69 -0.29 0.00	31.31 -0.36 0.00	25.52 -0.33 0.00	27.33 -0.42 0.00	21.81 -0.30 0.00	21.05 -0.26 0.00
PJM_GEN_NEPTUNE_PROXY 323594	17.18 0.92 -0.05	16.73 0.82 -1.01	11.09 0.58 -0.22	12.41 0.63 -0.21	12.54 0.62 0.00	13.72 0.66 0.00	18.33 0.88 0.00	19.07 0.94 0.00	28.69 0.90 -11.72	21.23 1.01 -2.70	25.64 1.34 -2.02	33.65 1.40 -9.44	24.63 1.41 0.00	24.29 1.42 0.00	24.08 1.25 0.00	22.57 1.06 0.00	26.52 1.35 0.00	30.25 1.58 0.00	30.46 1.48 0.00	33.28 1.61 0.00	27.11 1.26 0.00	29.02 1.26 0.00	23.00 0.90 0.00	22.05 0.74 0.00
PJM_GEN_VFT_PROXY 323633	16.89 0.68 0.00	15.49 0.59 0.00	10.73 0.43 0.00	12.03 0.45 0.00	12.37 0.45 0.00	13.54 0.49 0.00	18.09 0.64 0.00	18.88 0.75 0.00	16.76 0.70 0.00	18.27 0.74 0.00	23.33 1.05 0.00	23.87 1.06 0.00	24.32 1.09 0.00	23.98 1.11 0.00	23.81 0.98 0.00	22.39 0.88 0.00	26.24 1.07 0.00	29.88 1.21 0.00	30.18 1.20 0.00	32.95 1.29 0.00	26.90 1.05 0.00	28.75 1.00 0.00	22.77 0.67 0.00	21.85 0.54 0.00
PLATSBRG_115KV_PMLD1 355749	16.85 0.65 0.00	15.48 0.58 0.00	10.68 0.39 0.00	12.01 0.43 0.00	12.36 0.44 0.00	13.55 0.50 0.00	18.14 0.70 0.00	18.92 0.80 0.00	16.76 0.70 0.00	18.27 0.75 0.00	23.22 0.94 0.00	23.75 0.94 0.00	24.15 0.92 0.00	23.76 0.89 0.00	23.75 0.92 0.00	22.44 0.93 0.00	26.35 1.18 0.00	30.02 1.35 0.00	30.36 1.38 0.00	33.22 1.55 0.00	27.10 1.25 0.00	29.05 1.30 0.00	23.11 1.01 0.00	22.27 0.96 0.00
PLEASANTVLY___LBMP 24000	16.82 0.61 0.00	15.44 0.54 0.00	10.68 0.38 0.00	11.99 0.41 0.00	12.33 0.41 0.00	13.50 0.44 0.00	18.02 0.57 0.00	18.79 0.67 0.00	16.67 0.62 0.00	18.19 0.66 0.00	23.17 0.89 0.00	23.70 0.89 0.00	24.15 0.93 0.00	23.81 0.94 0.00	23.69 0.86 0.00	22.30 0.78 0.00	26.15 0.98 0.00	29.78 1.11 0.00	30.03 1.06 0.00	32.82 1.16 0.00	26.75 0.90 0.00	28.62 0.86 0.00	22.70 0.60 0.00	21.79 0.48 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	16.92 0.71 0.00	15.52 0.62 0.00	10.74 0.45 0.00	12.05 0.47 0.00	12.39 0.47 0.00	13.58 0.53 0.00	18.14 0.70 0.00	18.92 0.80 0.00	16.79 0.73 0.00	18.32 0.79 0.00	23.36 1.08 0.00	23.91 1.10 0.00	24.36 1.13 0.00	24.00 1.14 0.00	23.86 1.04 0.00	22.45 0.94 0.00	26.34 1.17 0.00	30.01 1.34 0.00	30.28 1.30 0.00	33.07 1.41 0.00	26.96 1.11 0.00	28.83 1.08 0.00	22.85 0.75 0.00	21.92 0.61 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	16.92 0.71 0.00	15.52 0.62 0.00	10.74 0.45 0.00	12.05 0.47 0.00	12.39 0.47 0.00	13.58 0.53 0.00	18.14 0.70 0.00	18.92 0.80 0.00	16.79 0.73 0.00	18.32 0.79 0.00	23.36 1.08 0.00	23.91 1.10 0.00	24.36 1.13 0.00	24.00 1.14 0.00	23.86 1.04 0.00	22.45 0.94 0.00	26.34 1.17 0.00	30.01 1.34 0.00	30.28 1.30 0.00	33.07 1.41 0.00	26.96 1.11 0.00	28.83 1.08 0.00	22.85 0.75 0.00	21.92 0.61 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	16.95 0.74 0.00	15.56 0.66 0.00	10.76 0.46 0.00	12.08 0.50 0.00	12.42 0.50 0.00	13.61 0.56 0.00	18.18 0.73 0.00	18.95 0.83 0.00	16.83 0.77 0.00	18.36 0.84 0.00	23.40 1.12 0.00	23.93 1.12 0.00	24.38 1.15 0.00	24.03 1.16 0.00	23.92 1.09 0.00	22.51 1.00 0.00	26.44 1.27 0.00	30.12 1.44 0.00	30.38 1.40 0.00	33.18 1.52 0.00	27.03 1.18 0.00	28.89 1.14 0.00	22.91 0.81 0.00	21.98 0.67 0.00
POLETTI____ 23519	16.96 0.75 0.00	15.56 0.66 0.00	10.77 0.47 0.00	12.08 0.49 0.00	12.42 0.50 0.00	13.59 0.54 0.00	18.15 0.70 0.00	18.94 0.82 0.00	16.82 0.76 0.00	18.35 0.82 0.00	23.46 1.18 0.00	23.99 1.18 0.00	24.43 1.20 0.00	24.10 1.23 0.00	23.94 1.11 0.00	22.50 0.99 0.00	26.37 1.19 0.00	30.01 1.34 0.00	30.31 1.33 0.00	33.09 1.43 0.00	26.99 1.14 0.00	28.85 1.10 0.00	22.87 0.77 0.00	21.95 0.64 0.00
POMONA____ESR 323819	16.85 0.64 0.00	15.46 0.57 0.00	10.69 0.40 0.00	12.01 0.43 0.00	12.36 0.43 0.00	13.53 0.48 0.00	18.10 0.65 0.00	18.88 0.76 0.00	16.74 0.68 0.00	18.23 0.71 0.00	23.25 0.97 0.00	23.80 0.99 0.00	24.27 1.04 0.00	23.91 1.04 0.00	23.76 0.93 0.00	22.35 0.84 0.00	26.23 1.06 0.00	29.88 1.21 0.00	30.18 1.20 0.00	32.98 1.32 0.00	26.89 1.04 0.00	28.75 1.00 0.00	22.78 0.68 0.00	21.86 0.56 0.00
PORT_JEFF_3 23555	17.68 1.40 -0.07	17.13 1.22 -1.01	11.36 0.85 -0.22	12.73 0.94 -0.21	12.85 0.93 0.00	14.06 1.01 0.00	18.83 1.38 0.00	19.55 1.43 0.00	29.14 1.34 -11.74	21.76 1.47 -2.76	26.13 1.83 -2.02	34.15 1.90 -9.44	25.20 1.97 0.00	24.84 1.97 0.00	24.54 1.71 0.00	22.82 1.31 0.00	26.82 1.64 0.00	30.68 2.01 0.00	30.80 1.83 0.00	33.66 2.00 0.00	27.46 1.61 0.00	29.46 1.71 0.00	23.37 1.27 0.00	22.39 1.09 0.00
PORT_JEFF_4 23616	17.68 1.40 -0.07	17.13 1.22 -1.01	11.36 0.85 -0.22	12.73 0.94 -0.21	12.85 0.93 0.00	14.06 1.01 0.00	18.83 1.38 0.00	19.55 1.43 0.00	29.14 1.34 -11.74	21.76 1.47 -2.76	26.13 1.83 -2.02	34.15 1.90 -9.44	25.20 1.97 0.00	24.84 1.97 0.00	24.54 1.71 0.00	22.82 1.31 0.00	26.82 1.64 0.00	30.68 2.01 0.00	30.80 1.83 0.00	33.66 2.00 0.00	27.46 1.61 0.00	29.46 1.71 0.00	23.37 1.27 0.00	22.39 1.09 0.00
PORT_JEFF_IC 23713	17.69 1.42 -0.07	17.14 1.23 -1.01	11.37 0.86 -0.22	12.74 0.95 -0.21	12.86 0.94 0.00	14.07 1.02 0.00	18.84 1.39 0.00	19.57 1.45 0.00	29.16 1.36 -11.74	21.78 1.49 -2.76	26.14 1.84 -2.02	34.16 1.91 -9.44	25.22 1.99 0.00	24.87 2.00 0.00	24.56 1.73 0.00	22.83 1.33 0.00	26.83 1.66 0.00	30.71 2.03 0.00	30.83 1.86 0.00	33.69 2.03 0.00	27.47 1.62 0.00	29.48 1.73 0.00	23.38 1.28 0.00	22.41 1.10 0.00
PPL PILGRIM_ST_GT1 24216	17.60 1.33 -0.06	17.08 1.17 -1.01	11.34 0.83 -0.22	12.69 0.91 -0.21	12.81 0.89 0.00	14.01 0.96 0.00	18.79 1.34 0.00	19.50 1.38 0.00	29.04 1.26 -11.72	21.60 1.37 -2.70	26.19 1.90 -2.02	34.26 2.00 -9.44	25.23 2.01 0.00	24.90 2.02 0.00	24.62 1.79 0.00	23.02 1.51 0.00	27.08 1.91 0.00	30.93 2.26 0.00	31.07 2.09 0.00	33.97 2.30 0.00	27.65 1.80 0.00	29.62 1.87 0.00	23.51 1.41 0.00	22.52 1.22 0.00
PPL PILGRIM_ST_GT2 24217	17.60 1.33 -0.06	17.08 1.17 -1.01	11.34 0.83 -0.22	12.69 0.91 -0.21	12.81 0.89 0.00	14.01 0.96 0.00	18.79 1.34 0.00	19.50 1.38 0.00	29.04 1.26 -11.72	21.60 1.37 -2.70	26.19 1.90 -2.02	34.26 2.00 -9.44	25.23 2.01 0.00	24.90 2.02 0.00	24.62 1.79 0.00	23.02 1.51 0.00	27.08 1.91 0.00	30.93 2.26 0.00	31.07 2.09 0.00	33.97 2.30 0.00	27.65 1.80 0.00	29.62 1.87 0.00	23.51 1.41 0.00	22.52 1.22 0.00

PPL_SHRM_GT3 24213	17.87 1.59 -0.07	17.29 1.38 -1.01	11.47 0.96 -0.22	12.85 1.07 -0.21	12.99 1.06 0.00	14.21 1.16 0.00	19.00 1.55 0.00	19.71 1.59 0.00	29.34 1.54 -11.74	21.95 1.67 -2.76	26.07 1.78 -2.02	34.06 1.80 -9.44	25.20 1.97 0.00	24.84 1.97 0.00	24.49 1.66 0.00	22.62 1.11 0.00	26.58 1.41 0.00	30.43 1.76 0.00	30.54 1.57 0.00	33.37 1.72 0.00	27.31 1.46 0.00	29.38 1.63 0.00	23.30 1.20 0.00	22.34 1.04 0.00
PPL_SHRM_GT4 24214	17.87 1.59 -0.07	17.29 1.38 -1.01	11.47 0.96 -0.22	12.85 1.07 -0.21	12.99 1.06 0.00	14.21 1.16 0.00	19.00 1.55 0.00	19.71 1.59 0.00	29.34 1.54 -11.74	21.95 1.67 -2.76	26.07 1.78 -2.02	34.06 1.80 -9.44	25.20 1.97 0.00	24.84 1.97 0.00	24.49 1.66 0.00	22.62 1.11 0.00	26.58 1.41 0.00	30.43 1.76 0.00	30.54 1.57 0.00	33.37 1.72 0.00	27.31 1.46 0.00	29.38 1.63 0.00	23.30 1.20 0.00	22.34 1.04 0.00
PROJECT___ORANGE 1 24174	15.87 -0.34 0.00	14.58 -0.32 0.00	10.07 -0.22 0.00	11.34 -0.24 0.00	11.68 -0.24 0.00	12.81 -0.24 0.00	17.17 -0.28 0.00	17.80 -0.32 0.00	15.76 -0.30 0.00	17.20 -0.32 0.00	21.83 -0.45 0.00	22.35 -0.45 0.00	22.76 -0.46 0.00	22.41 -0.46 0.00	22.37 -0.46 0.00	21.10 -0.41 0.00	24.67 -0.50 0.00	28.08 -0.59 0.00	28.38 -0.60 0.00	30.95 -0.71 0.00	25.26 -0.60 0.00	27.17 -0.58 0.00	21.70 -0.41 0.00	20.96 -0.35 0.00
PROJECT___ORANGE 2 24166	15.87 -0.34 0.00	14.58 -0.32 0.00	10.07 -0.22 0.00	11.34 -0.24 0.00	11.68 -0.24 0.00	12.81 -0.24 0.00	17.17 -0.28 0.00	17.80 -0.32 0.00	15.76 -0.30 0.00	17.20 -0.32 0.00	21.83 -0.45 0.00	22.35 -0.45 0.00	22.76 -0.46 0.00	22.41 -0.46 0.00	22.37 -0.46 0.00	21.10 -0.41 0.00	24.67 -0.50 0.00	28.08 -0.59 0.00	28.38 -0.60 0.00	30.95 -0.71 0.00	25.26 -0.60 0.00	27.17 -0.58 0.00	21.70 -0.41 0.00	20.96 -0.35 0.00
PUCKETT___SOLAR 323809	16.13 -0.08 0.00	14.83 -0.07 0.00	10.27 -0.02 0.00	11.56 -0.02 0.00	11.93 0.01 0.00	13.11 0.06 0.00	17.66 0.21 0.00	18.33 0.21 0.00	16.18 0.12 0.00	17.63 0.10 0.00	22.40 0.12 0.00	22.96 0.15 0.00	23.35 0.12 0.00	23.00 0.12 0.00	22.97 0.15 0.00	21.65 0.14 0.00	25.32 0.15 0.00	28.86 0.19 0.00	29.18 0.20 0.00	31.80 0.14 0.00	25.96 0.10 0.00	27.79 0.04 0.00	22.13 0.03 0.00	21.30 -0.01 0.00
PYRITES___HYD 24023	16.45 0.24 0.00	15.16 0.27 0.00	10.46 0.16 0.00	11.79 0.21 0.00	12.17 0.25 0.00	13.38 0.33 0.00	17.96 0.52 0.00	18.67 0.54 0.00	16.45 0.38 0.00	17.93 0.40 0.00	22.76 0.48 0.00	23.29 0.49 0.00	23.76 0.54 0.00	23.40 0.53 0.00	23.46 0.63 0.00	22.12 0.61 0.00	25.90 0.73 0.00	29.63 0.96 0.00	30.22 1.24 0.00	33.13 1.47 0.00	27.00 1.14 0.00	28.88 1.13 0.00	22.93 0.83 0.00	22.08 0.77 0.00
QUAKERRD_115KV_BK1 80622	15.10 -1.11 0.00	13.85 -1.04 0.00	9.59 -0.71 0.00	10.81 -0.77 0.00	11.16 -0.76 0.00	12.29 -0.76 0.00	16.54 -0.91 0.00	17.07 -1.05 0.00	15.09 -0.96 0.00	16.50 -1.02 0.00	20.95 -1.33 0.00	21.49 -1.32 0.00	21.86 -1.37 0.00	21.47 -1.40 0.00	21.47 -1.37 0.00	20.18 -1.33 0.00	23.60 -1.57 0.00	26.85 -1.83 0.00	27.18 -1.79 0.00	29.63 -2.03 0.00	24.15 -1.70 0.00	25.90 -1.85 0.00	20.75 -1.35 0.00	20.14 -1.17 0.00
QUENSBRY_115KV_TB8 356137	16.97 0.77 0.00	15.60 0.70 0.00	10.76 0.46 0.00	12.09 0.51 0.00	12.46 0.54 0.00	13.69 0.64 0.00	18.33 0.89 0.00	19.19 1.07 0.00	17.09 1.04 0.00	18.64 1.11 0.00	23.80 1.52 0.00	24.30 1.49 0.00	24.72 1.49 0.00	24.36 1.49 0.00	24.35 1.52 0.00	22.96 1.45 0.00	27.07 1.90 0.00	30.85 2.18 0.00	31.03 2.06 0.00	33.85 2.19 0.00	27.46 1.60 0.00	29.40 1.65 0.00	23.24 1.14 0.00	22.25 0.95 0.00
RAMAPO___LBMP 323565	16.79 0.58 0.00	15.41 0.52 0.00	10.66 0.37 0.00	11.97 0.39 0.00	12.32 0.40 0.00	13.49 0.44 0.00	18.04 0.59 0.00	18.81 0.69 0.00	16.68 0.62 0.00	18.17 0.64 0.00	23.15 0.88 0.00	23.71 0.90 0.00	24.17 0.95 0.00	23.81 0.94 0.00	23.67 0.84 0.00	22.27 0.76 0.00	26.13 0.96 0.00	29.76 1.09 0.00	30.06 1.08 0.00	32.85 1.19 0.00	26.79 0.94 0.00	28.65 0.90 0.00	22.71 0.60 0.00	21.79 0.48 0.00
RANKINE____ 23646	14.98 -1.23 0.00	13.73 -1.16 0.00	9.52 -0.78 0.00	10.75 -0.83 0.00	11.10 -0.82 0.00	12.31 -0.74 0.00	16.67 -0.77 0.00	17.08 -1.05 0.00	15.02 -1.04 0.00	16.47 -1.06 0.00	20.91 -1.37 0.00	21.50 -1.31 0.00	21.80 -1.43 0.00	21.34 -1.53 0.00	21.40 -1.43 0.00	20.03 -1.48 0.00	23.42 -1.75 0.00	26.64 -2.02 0.00	27.08 -1.90 0.00	29.50 -2.16 0.00	24.04 -1.81 0.00	25.71 -2.04 0.00	20.75 -1.35 0.00	20.29 -1.01 0.00
RAVENSWOOD_GT2_1 24244	16.99 0.78 0.00	15.59 0.69 0.00	10.79 0.49 0.00	12.10 0.52 0.00	12.44 0.52 0.00	13.62 0.57 0.00	18.19 0.75 0.00	18.98 0.86 0.00	16.85 0.79 0.00	18.38 0.86 0.00	23.48 1.20 0.00	24.01 1.20 0.00	24.46 1.24 0.00	24.12 1.25 0.00	23.96 1.13 0.00	22.53 1.02 0.00	26.41 1.23 0.00	30.07 1.40 0.00	30.37 1.39 0.00	33.16 1.50 0.00	27.05 1.20 0.00	28.91 1.16 0.00	22.90 0.80 0.00	21.99 0.68 0.00
RAVENSWOOD_GT2_2 24245	16.99 0.78 0.00	15.59 0.69 0.00	10.79 0.49 0.00	12.10 0.52 0.00	12.44 0.52 0.00	13.62 0.57 0.00	18.19 0.75 0.00	18.98 0.86 0.00	16.85 0.79 0.00	18.38 0.86 0.00	23.48 1.20 0.00	24.01 1.20 0.00	24.46 1.24 0.00	24.12 1.25 0.00	23.96 1.13 0.00	22.53 1.02 0.00	26.41 1.23 0.00	30.07 1.40 0.00	30.37 1.39 0.00	33.16 1.50 0.00	27.05 1.20 0.00	28.91 1.16 0.00	22.90 0.80 0.00	21.99 0.68 0.00
RAVENSWOOD_GT2_3 24246	17.00 0.79 0.00	15.59 0.69 0.00	10.79 0.50 0.00	12.10 0.53 0.00	12.45 0.53 0.00	13.63 0.57 0.00	18.20 0.75 0.00	18.99 0.86 0.00	16.86 0.80 0.00	18.38 0.86 0.00	23.49 1.21 0.00	24.02 1.21 0.00	24.48 1.25 0.00	24.13 1.26 0.00	23.97 1.14 0.00	22.54 1.03 0.00	26.42 1.25 0.00	30.08 1.41 0.00	30.38 1.40 0.00	33.18 1.52 0.00	27.06 1.20 0.00	28.92 1.17 0.00	22.91 0.81 0.00	22.00 0.69 0.00
RAVENSWOOD_GT2_4 24247	17.00 0.79 0.00	15.59 0.69 0.00	10.79 0.50 0.00	12.10 0.53 0.00	12.45 0.53 0.00	13.63 0.57 0.00	18.20 0.75 0.00	18.99 0.86 0.00	16.86 0.80 0.00	18.38 0.86 0.00	23.49 1.21 0.00	24.02 1.21 0.00	24.48 1.25 0.00	24.13 1.26 0.00	23.97 1.14 0.00	22.54 1.03 0.00	26.42 1.25 0.00	30.08 1.41 0.00	30.38 1.40 0.00	33.18 1.52 0.00	27.06 1.20 0.00	28.92 1.17 0.00	22.91 0.81 0.00	22.00 0.69 0.00
RAVENSWOOD_GT3_1 24248	16.99 0.78 0.00	15.59 0.69 0.00	10.79 0.49 0.00	12.10 0.52 0.00	12.44 0.52 0.00	13.62 0.57 0.00	18.19 0.75 0.00	18.98 0.86 0.00	16.85 0.79 0.00	18.38 0.86 0.00	23.48 1.20 0.00	24.01 1.20 0.00	24.46 1.24 0.00	24.12 1.25 0.00	23.96 1.13 0.00	22.53 1.02 0.00	26.41 1.23 0.00	30.07 1.40 0.00	30.37 1.39 0.00	33.16 1.50 0.00	27.05 1.20 0.00	28.91 1.16 0.00	22.90 0.80 0.00	21.99 0.68 0.00

RAVENSWOOD_GT3_2 24249	16.99 0.78 0.00	15.59 0.69 0.00	10.79 0.49 0.00	12.10 0.52 0.00	12.44 0.52 0.00	13.62 0.57 0.00	18.19 0.75 0.00	18.98 0.86 0.00	16.85 0.79 0.00	18.38 0.86 0.00	23.48 1.20 0.00	24.01 1.20 0.00	24.46 1.24 0.00	24.12 1.25 0.00	23.96 1.13 0.00	22.53 1.02 0.00	26.41 1.23 0.00	30.07 1.40 0.00	30.37 1.39 0.00	33.16 1.50 0.00	27.05 1.20 0.00	28.91 1.16 0.00	22.90 0.80 0.00	21.99 0.68 0.00
RAVENSWOOD_GT3_3 24250	17.01 0.80 0.00	15.60 0.71 0.00	10.80 0.50 0.00	12.11 0.53 0.00	12.46 0.54 0.00	13.64 0.58 0.00	18.22 0.77 0.00	19.00 0.88 0.00	16.87 0.82 0.00	18.40 0.88 0.00	23.51 1.23 0.00	24.04 1.24 0.00	24.50 1.27 0.00	24.16 1.29 0.00	24.00 1.16 0.00	22.56 1.05 0.00	26.45 1.28 0.00	30.11 1.44 0.00	30.41 1.43 0.00	33.21 1.55 0.00	27.08 1.23 0.00	28.95 1.20 0.00	22.93 0.83 0.00	22.01 0.71 0.00
RAVENSWOOD_GT3_4 24251	17.01 0.80 0.00	15.60 0.71 0.00	10.80 0.50 0.00	12.11 0.53 0.00	12.46 0.54 0.00	13.64 0.58 0.00	18.22 0.77 0.00	19.00 0.88 0.00	16.87 0.82 0.00	18.40 0.88 0.00	23.51 1.23 0.00	24.04 1.24 0.00	24.50 1.27 0.00	24.16 1.29 0.00	24.00 1.16 0.00	22.56 1.05 0.00	26.45 1.28 0.00	30.11 1.44 0.00	30.41 1.43 0.00	33.21 1.55 0.00	27.08 1.23 0.00	28.95 1.20 0.00	22.93 0.83 0.00	22.01 0.71 0.00
RAVENSWOOD_GT_1 23729	17.05 0.84 0.00	15.64 0.74 0.00	10.82 0.53 0.00	12.13 0.55 0.00	12.48 0.56 0.00	13.65 0.60 0.00	18.25 0.80 0.00	19.05 0.92 0.00	16.91 0.85 0.00	18.44 0.92 0.00	23.56 1.28 0.00	24.09 1.28 0.00	34.31 1.33 -9.75	28.73 1.34 -4.52	30.25 1.20 -6.21	37.75 1.08 -15.15	28.14 1.32 -1.64	56.36 1.48 -26.21	32.16 1.48 -1.70	44.62 1.59 -11.35	33.93 1.28 -6.80	47.26 1.24 -18.27	22.96 0.86 0.00	22.06 0.75 0.00
RAVENSWOOD_GT_10 24258	16.99 0.78 0.00	15.59 0.69 0.00	10.79 0.49 0.00	12.10 0.52 0.00	12.44 0.52 0.00	13.62 0.57 0.00	18.19 0.74 0.00	18.98 0.85 0.00	16.85 0.79 0.00	18.38 0.85 0.00	23.48 1.20 0.00	24.01 1.20 0.00	25.59 1.23 -1.12	24.64 1.25 -0.52	24.67 1.13 -0.72	24.27 1.02 -1.75	26.59 1.23 -0.19	33.09 1.40 -3.02	30.57 1.39 -0.20	34.47 1.49 -1.31	27.83 1.20 -0.78	31.01 1.16 -2.11	22.90 0.80 0.00	21.98 0.68 0.00
RAVENSWOOD_GT_11 24259	16.99 0.78 0.00	15.59 0.69 0.00	10.79 0.49 0.00	12.10 0.52 0.00	12.44 0.52 0.00	13.62 0.57 0.00	18.19 0.74 0.00	18.98 0.85 0.00	16.85 0.79 0.00	18.38 0.85 0.00	23.48 1.20 0.00	24.01 1.20 0.00	25.59 1.23 -1.12	24.64 1.25 -0.52	24.67 1.13 -0.72	24.27 1.02 -1.75	26.59 1.23 -0.19	33.09 1.40 -3.02	30.57 1.39 -0.20	34.47 1.49 -1.31	27.83 1.20 -0.78	31.01 1.16 -2.11	22.90 0.80 0.00	21.98 0.68 0.00
RAVENSWOOD_GT_4 24252	16.99 0.78 0.00	15.58 0.68 0.00	10.78 0.49 0.00	12.09 0.52 0.00	12.44 0.52 0.00	13.62 0.57 0.00	18.19 0.74 0.00	18.97 0.85 0.00	16.84 0.78 0.00	18.37 0.84 0.00	23.46 1.18 0.00	24.00 1.19 0.00	31.88 1.23 -7.43	27.55 1.24 -3.44	28.68 1.12 -4.73	34.06 1.01 -11.54	27.65 1.23 -1.25	50.02 1.39 -19.96	31.65 1.38 -1.29	41.80 1.49 -8.64	32.21 1.18 -5.18	42.81 1.15 -13.91	22.90 0.80 0.00	21.98 0.67 0.00
RAVENSWOOD_GT_5 24254	16.99 0.78 0.00	15.58 0.68 0.00	10.78 0.49 0.00	12.09 0.52 0.00	12.44 0.52 0.00	13.62 0.57 0.00	18.19 0.74 0.00	18.97 0.85 0.00	16.84 0.78 0.00	18.37 0.84 0.00	23.46 1.18 0.00	24.00 1.19 0.00	31.88 1.23 -7.43	27.55 1.24 -3.44	28.68 1.12 -4.73	34.06 1.01 -11.54	27.65 1.23 -1.25	50.02 1.39 -19.96	31.65 1.38 -1.29	41.80 1.49 -8.64	32.21 1.18 -5.18	42.81 1.15 -13.91	22.90 0.80 0.00	21.98 0.67 0.00
RAVENSWOOD_GT_6 24253	16.99 0.78 0.00	15.58 0.68 0.00	10.78 0.49 0.00	12.09 0.52 0.00	12.44 0.52 0.00	13.62 0.57 0.00	18.19 0.74 0.00	18.97 0.85 0.00	16.84 0.78 0.00	18.37 0.84 0.00	23.46 1.18 0.00	24.00 1.19 0.00	31.88 1.23 -7.43	27.55 1.24 -3.44	28.68 1.12 -4.73	34.06 1.01 -11.54	27.65 1.23 -1.25	50.02 1.39 -19.96	31.65 1.38 -1.29	41.80 1.49 -8.64	32.21 1.18 -5.18	42.81 1.15 -13.91	22.90 0.80 0.00	21.98 0.67 0.00
RAVENSWOOD_GT_7 24255	16.99 0.78 0.00	15.58 0.68 0.00	10.78 0.49 0.00	12.09 0.52 0.00	12.44 0.52 0.00	13.62 0.57 0.00	18.19 0.74 0.00	18.97 0.85 0.00	16.84 0.78 0.00	18.37 0.84 0.00	23.46 1.18 0.00	24.00 1.19 0.00	31.88 1.23 -7.43	27.55 1.24 -3.44	28.68 1.12 -4.73	34.06 1.01 -11.54	27.65 1.23 -1.25	50.02 1.39 -19.96	31.65 1.38 -1.29	41.80 1.49 -8.64	32.21 1.18 -5.18	42.81 1.15 -13.91	22.90 0.80 0.00	21.98 0.67 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	16.99 0.78 0.00	15.59 0.69 0.00	10.79 0.49 0.00	12.10 0.52 0.00	12.44 0.52 0.00	13.62 0.57 0.00	18.19 0.74 0.00	18.98 0.85 0.00	16.85 0.79 0.00	18.38 0.85 0.00	23.48 1.20 0.00	24.01 1.20 0.00	25.59 1.23 -1.12	24.64 1.25 -0.52	24.67 1.13 -0.72	24.27 1.02 -1.75	26.59 1.23 -0.19	33.09 1.40 -3.02	30.57 1.39 -0.20	34.47 1.49 -1.31	27.83 1.20 -0.78	31.01 1.16 -2.11	22.90 0.80 0.00	21.98 0.68 0.00
RAVENSWOOD_GT_9 24257	16.99 0.78 0.00	15.59 0.69 0.00	10.79 0.49 0.00	12.10 0.52 0.00	12.44 0.52 0.00	13.62 0.57 0.00	18.19 0.74 0.00	18.98 0.85 0.00	16.85 0.79 0.00	18.38 0.85 0.00	23.48 1.20 0.00	24.01 1.20 0.00	25.59 1.23 -1.12	24.64 1.25 -0.52	24.67 1.13 -0.72	24.27 1.02 -1.75	26.59 1.23 -0.19	33.09 1.40 -3.02	30.57 1.39 -0.20	34.47 1.49 -1.31	27.83 1.20 -0.78	31.01 1.16 -2.11	22.90 0.80 0.00	21.98 0.68 0.00
RAVENSWOOD___1 23533	17.03 0.82 0.00	15.62 0.72 0.00	10.81 0.51 0.00	12.12 0.54 0.00	12.46 0.54 0.00	13.64 0.59 0.00	18.22 0.78 0.00	19.02 0.89 0.00	16.88 0.82 0.00	18.41 0.89 0.00	23.52 1.24 0.00	24.05 1.24 0.00	14.91 1.29 9.60	19.73 1.31 4.45	17.88 1.17 6.12	7.64 1.06 14.92	24.83 1.28 1.62	4.31 1.45 25.81	28.74 1.44 1.67	22.03 1.55 11.18	20.39 1.24 6.69	10.96 1.20 17.99	22.93 0.83 0.00	22.03 0.72 0.00
RAVENSWOOD___2 23534	17.03 0.82 0.00	15.62 0.72 0.00	10.81 0.51 0.00	12.12 0.54 0.00	12.46 0.54 0.00	13.64 0.59 0.00	18.22 0.78 0.00	19.02 0.89 0.00	16.88 0.82 0.00	18.41 0.89 0.00	23.52 1.24 0.00	24.05 1.24 0.00	14.91 1.29 9.60	19.73 1.31 4.45	17.88 1.17 6.12	7.64 1.06 14.92	24.83 1.28 1.62	4.31 1.45 25.81	28.74 1.44 1.67	22.03 1.55 11.18	20.39 1.24 6.69	10.96 1.20 17.99	22.93 0.83 0.00	22.03 0.72 0.00
RAVENSWOOD___3 23535	16.99 0.78 0.00	15.59 0.69 0.00	10.79 0.49 0.00	12.10 0.52 0.00	12.44 0.52 0.00	13.62 0.57 0.00	18.19 0.75 0.00	18.98 0.86 0.00	16.85 0.79 0.00	18.37 0.85 0.00	23.47 1.19 0.00	24.01 1.20 0.00	24.46 1.24 0.00	24.13 1.26 0.00	23.96 1.13 0.00	22.53 1.02 0.00	26.41 1.24 0.00	30.07 1.40 0.00	30.37 1.39 0.00	33.16 1.50 0.00	27.05 1.20 0.00	28.91 1.16 0.00	22.90 0.80 0.00	21.99 0.68 0.00

RAVENSWOOD___4 23820	17.03 0.82 0.00	15.62 0.72 0.00	10.81 0.51 0.00	12.12 0.54 0.00	12.46 0.54 0.00	13.64 0.59 0.00	18.22 0.78 0.00	19.02 0.89 0.00	16.88 0.82 0.00	18.41 0.89 0.00	23.52 1.24 0.00	24.05 1.24 0.00	14.91 1.29 9.60	19.73 1.31 4.45	17.88 1.17 6.12	7.64 1.06 14.92	24.83 1.28 1.62	4.31 1.45 25.81	28.74 1.44 1.67	22.03 1.55 11.18	20.39 1.24 6.69	10.96 1.20 17.99	22.93 0.83 0.00	22.03 0.72 0.00
RCPI_TRUST___DRP 24196	16.99 0.78 0.00	15.58 0.68 0.00	10.78 0.49 0.00	12.09 0.51 0.00	12.43 0.51 0.00	13.62 0.56 0.00	18.19 0.74 0.00	18.99 0.86 0.00	16.86 0.80 0.00	18.39 0.87 0.00	23.50 1.21 0.00	24.03 1.22 0.00	24.49 1.26 0.00	24.14 1.27 0.00	23.98 1.15 0.00	22.55 1.04 0.00	26.43 1.26 0.00	30.09 1.42 0.00	30.38 1.40 0.00	33.17 1.51 0.00	27.06 1.20 0.00	28.92 1.17 0.00	22.90 0.80 0.00	21.98 0.67 0.00
RED___ROCHESTER 323720	15.38 -0.83 0.00	14.11 -0.79 0.00	9.76 -0.54 0.00	11.02 -0.56 0.00	11.36 -0.55 0.00	12.55 -0.50 0.00	16.92 -0.53 0.00	17.44 -0.68 0.00	15.40 -0.65 0.00	16.85 -0.67 0.00	21.39 -0.89 0.00	21.96 -0.85 0.00	22.32 -0.90 0.00	21.92 -0.95 0.00	21.93 -0.90 0.00	20.60 -0.91 0.00	24.10 -1.07 0.00	27.43 -1.24 0.00	27.80 -1.18 0.00	30.28 -1.38 0.00	24.67 -1.18 0.00	26.41 -1.34 0.00	21.19 -0.91 0.00	20.59 -0.72 0.00
REGAN___SOLAR 323812	17.55 1.34 0.00	16.10 1.20 0.00	11.12 0.83 0.00	12.53 0.95 0.00	12.93 1.01 0.00	14.23 1.18 0.00	19.15 1.70 0.00	19.97 1.85 0.00	17.68 1.62 0.00	19.26 1.73 0.00	24.43 2.15 0.00	25.03 2.22 0.00	25.45 2.22 0.00	25.12 2.25 0.00	25.16 2.34 0.00	23.74 2.23 0.00	28.05 2.88 0.00	32.04 3.37 0.00	32.40 3.42 0.00	35.27 3.61 0.00	28.63 2.78 0.00	30.64 2.88 0.00	24.30 2.20 0.00	23.33 2.02 0.00
RENSSELAER___COGEN 23796	16.47 0.26 0.00	15.17 0.27 0.00	10.48 0.19 0.00	11.78 0.20 0.00	12.12 0.20 0.00	13.25 0.19 0.00	17.63 0.18 0.00	18.36 0.24 0.00	16.29 0.23 0.00	17.74 0.22 0.00	22.50 0.22 0.00	23.00 0.20 0.00	23.44 0.21 0.00	23.09 0.23 0.00	23.06 0.23 0.00	21.75 0.24 0.00	25.47 0.30 0.00	29.01 0.34 0.00	29.22 0.24 0.00	31.93 0.26 0.00	26.06 0.20 0.00	27.93 0.18 0.00	22.15 0.05 0.00	21.30 -0.01 0.00
REPUBLIC_115KV_BARTNBRK 55605	17.58 1.37 0.00	16.15 1.25 0.00	11.11 0.81 0.00	12.49 0.91 0.00	12.91 0.99 0.00	14.28 1.22 0.00	19.12 1.68 0.00	20.14 2.02 0.00	18.05 1.99 0.00	19.68 2.16 0.00	24.88 2.60 0.00	25.22 2.41 0.00	25.57 2.34 0.00	25.19 2.32 0.00	25.25 2.42 0.00	23.92 2.40 0.00	28.47 3.30 0.00	32.46 3.78 0.00	32.45 3.47 0.00	35.40 3.74 0.00	28.45 2.60 0.00	30.37 2.62 0.00	23.89 1.78 0.00	22.79 1.48 0.00
REVERE_CPPR_DRP 24186	16.48 0.27 0.00	15.18 0.28 0.00	10.48 0.18 0.00	11.80 0.22 0.00	12.17 0.25 0.00	13.36 0.31 0.00	17.96 0.51 0.00	18.63 0.50 0.00	16.47 0.41 0.00	18.00 0.47 0.00	22.85 0.57 0.00	23.45 0.64 0.00	23.98 0.75 0.00	23.60 0.73 0.00	23.61 0.78 0.00	22.28 0.77 0.00	26.10 0.93 0.00	29.68 1.01 0.00	29.99 1.01 0.00	32.67 1.00 0.00	26.63 0.77 0.00	28.55 0.80 0.00	22.69 0.59 0.00	21.83 0.52 0.00
REYNOLDS_115KV_TB3 80639	16.56 0.34 0.00	15.25 0.35 0.00	10.53 0.24 0.00	11.84 0.25 0.00	12.17 0.25 0.00	13.31 0.26 0.00	17.72 0.27 0.00	18.47 0.35 0.00	16.39 0.34 0.00	17.85 0.33 0.00	22.65 0.37 0.00	23.15 0.34 0.00	23.59 0.37 0.00	23.24 0.37 0.00	23.21 0.38 0.00	21.88 0.37 0.00	25.63 0.45 0.00	29.19 0.51 0.00	29.38 0.41 0.00	32.12 0.46 0.00	26.22 0.37 0.00	28.11 0.36 0.00	22.30 0.20 0.00	21.44 0.13 0.00
RIVERBAY____ 323610	17.11 0.90 0.00	15.65 0.75 0.00	10.83 0.54 0.00	12.15 0.57 0.00	12.50 0.58 0.00	13.68 0.63 0.00	18.28 0.84 0.00	19.06 0.94 0.00	16.90 0.84 0.00	18.45 0.93 0.00	23.56 1.28 0.00	24.03 1.22 0.00	24.52 1.30 0.00	24.20 1.33 0.00	24.02 1.19 0.00	22.58 1.07 0.00	26.49 1.32 0.00	30.13 1.46 0.00	30.49 1.52 0.00	33.29 1.63 0.00	27.14 1.29 0.00	28.99 1.24 0.00	23.00 0.90 0.00	22.12 0.81 0.00
RIVERSDE_115KV_TB3 55908	16.52 0.31 0.00	15.22 0.32 0.00	10.51 0.22 0.00	11.82 0.24 0.00	12.16 0.24 0.00	13.28 0.23 0.00	17.69 0.24 0.00	18.43 0.30 0.00	16.35 0.29 0.00	17.81 0.29 0.00	22.59 0.31 0.00	23.10 0.29 0.00	23.54 0.31 0.00	23.19 0.32 0.00	23.16 0.33 0.00	21.84 0.32 0.00	25.57 0.40 0.00	29.12 0.45 0.00	29.33 0.35 0.00	32.05 0.38 0.00	26.16 0.30 0.00	28.04 0.29 0.00	22.23 0.13 0.00	21.38 0.07 0.00
ROARING___BROOK_WT_PWR 323790	15.99 -0.22 0.00	14.70 -0.20 0.00	10.13 -0.16 0.00	11.44 -0.14 0.00	11.77 -0.15 0.00	12.86 -0.19 0.00	17.15 -0.30 0.00	17.71 -0.41 0.00	15.72 -0.34 0.00	17.20 -0.32 0.00	22.02 -0.26 0.00	22.66 -0.15 0.00	23.13 -0.10 0.00	22.76 -0.11 0.00	22.80 -0.03 0.00	21.43 -0.09 0.00	25.05 -0.12 0.00	28.54 -0.13 0.00	28.79 -0.19 0.00	31.54 -0.12 0.00	25.79 -0.06 0.00	27.71 -0.05 0.00	22.07 -0.03 0.00	21.30 -0.01 0.00
ROCHESRG_115KV_T4 355643	15.25 -0.96 0.00	13.99 -0.91 0.00	9.68 -0.61 0.00	10.93 -0.65 0.00	11.27 -0.65 0.00	12.44 -0.61 0.00	16.76 -0.69 0.00	17.26 -0.86 0.00	15.25 -0.81 0.00	16.68 -0.84 0.00	21.17 -1.11 0.00	21.72 -1.09 0.00	22.08 -1.15 0.00	21.68 -1.19 0.00	21.69 -1.14 0.00	20.37 -1.14 0.00	23.81 -1.36 0.00	27.09 -1.58 0.00	27.45 -1.52 0.00	29.92 -1.74 0.00	24.39 -1.47 0.00	26.13 -1.62 0.00	20.98 -1.12 0.00	20.40 -0.90 0.00
ROCHESTER_9_IC 23652	15.32 -0.89 0.00	14.05 -0.84 0.00	9.72 -0.57 0.00	10.97 -0.61 0.00	11.33 -0.59 0.00	12.50 -0.55 0.00	16.84 -0.60 0.00	17.36 -0.76 0.00	15.34 -0.72 0.00	16.77 -0.75 0.00	21.29 -0.99 0.00	21.84 -0.96 0.00	22.21 -1.02 0.00	21.81 -1.06 0.00	21.82 -1.01 0.00	20.50 -1.02 0.00	23.97 -1.21 0.00	27.27 -1.40 0.00	27.63 -1.34 0.00	30.11 -1.55 0.00	24.54 -1.31 0.00	26.28 -1.47 0.00	21.09 -1.01 0.00	20.50 -0.80 0.00
ROCKVIEW_13_KV_LD 356306	16.97 0.76 0.00	15.57 0.67 0.00	10.77 0.48 0.00	12.08 0.50 0.00	12.43 0.50 0.00	13.61 0.55 0.00	18.19 0.74 0.00	18.99 0.87 0.00	16.85 0.80 0.00	18.39 0.86 0.00	23.46 1.18 0.00	24.02 1.21 0.00	24.47 1.24 0.00	24.12 1.25 0.00	23.97 1.14 0.00	22.54 1.03 0.00	26.45 1.28 0.00	30.13 1.46 0.00	30.39 1.41 0.00	33.20 1.54 0.00	27.07 1.21 0.00	28.93 1.18 0.00	22.93 0.83 0.00	22.00 0.69 0.00
ROME____115KV_TB2 80656	16.48 0.27 0.00	15.18 0.28 0.00	10.48 0.18 0.00	11.80 0.22 0.00	12.17 0.25 0.00	13.36 0.31 0.00	17.96 0.51 0.00	18.63 0.50 0.00	16.47 0.41 0.00	18.00 0.47 0.00	22.85 0.57 0.00	23.45 0.64 0.00	23.98 0.75 0.00	23.60 0.73 0.00	23.61 0.78 0.00	22.28 0.77 0.00	26.10 0.93 0.00	29.68 1.01 0.00	29.99 1.01 0.00	32.67 1.00 0.00	26.63 0.77 0.00	28.55 0.80 0.00	22.69 0.59 0.00	21.83 0.52 0.00

ROSETON___1 23587	16.79 0.58 0.00	15.42 0.52 0.00	10.67 0.37 0.00	11.97 0.39 0.00	12.31 0.39 0.00	13.48 0.43 0.00	18.01 0.56 0.00	18.78 0.65 0.00	16.66 0.60 0.00	18.16 0.64 0.00	23.14 0.86 0.00	23.68 0.87 0.00	24.13 0.90 0.00	23.79 0.91 0.00	23.66 0.83 0.00	22.27 0.76 0.00	26.12 0.95 0.00	29.74 1.07 0.00	30.01 1.03 0.00	32.79 1.13 0.00	26.74 0.88 0.00	28.59 0.84 0.00	22.68 0.58 0.00	21.78 0.47 0.00
ROSETON___2 23588	16.79 0.58 0.00	15.42 0.52 0.00	10.67 0.37 0.00	11.97 0.39 0.00	12.31 0.39 0.00	13.48 0.43 0.00	18.01 0.56 0.00	18.78 0.65 0.00	16.66 0.60 0.00	18.16 0.64 0.00	23.14 0.86 0.00	23.68 0.87 0.00	24.13 0.90 0.00	23.79 0.91 0.00	23.66 0.83 0.00	22.27 0.76 0.00	26.12 0.95 0.00	29.74 1.07 0.00	30.01 1.03 0.00	32.79 1.13 0.00	26.74 0.88 0.00	28.59 0.84 0.00	22.68 0.58 0.00	21.78 0.47 0.00
ROTRDAM_115KV_TB3 80664	16.62 0.41 0.00	15.28 0.38 0.00	10.55 0.26 0.00	11.87 0.29 0.00	12.22 0.29 0.00	13.37 0.32 0.00	17.87 0.42 0.00	18.61 0.49 0.00	16.51 0.45 0.00	18.01 0.49 0.00	22.91 0.63 0.00	23.44 0.63 0.00	23.88 0.65 0.00	23.51 0.64 0.00	23.48 0.64 0.00	22.12 0.61 0.00	25.93 0.76 0.00	29.55 0.87 0.00	29.80 0.82 0.00	32.55 0.89 0.00	26.52 0.67 0.00	28.44 0.69 0.00	22.58 0.48 0.00	21.72 0.41 0.00
RUSSELL___1 23602	15.38 -0.83 0.00	14.11 -0.79 0.00	9.76 -0.53 0.00	11.02 -0.56 0.00	11.37 -0.55 0.00	12.55 -0.50 0.00	16.92 -0.53 0.00	17.44 -0.69 0.00	15.41 -0.65 0.00	16.85 -0.67 0.00	21.39 -0.89 0.00	21.96 -0.86 0.00	22.33 -0.90 0.00	21.92 -0.95 0.00	21.93 -0.90 0.00	20.60 -0.91 0.00	24.10 -1.07 0.00	27.43 -1.24 0.00	27.79 -1.18 0.00	30.28 -1.38 0.00	24.67 -1.18 0.00	26.42 -1.34 0.00	21.19 -0.91 0.00	20.59 -0.72 0.00
RUSSELL___2 23532	15.38 -0.83 0.00	14.11 -0.79 0.00	9.76 -0.53 0.00	11.02 -0.56 0.00	11.37 -0.55 0.00	12.55 -0.50 0.00	16.92 -0.53 0.00	17.44 -0.69 0.00	15.41 -0.65 0.00	16.85 -0.67 0.00	21.39 -0.89 0.00	21.96 -0.86 0.00	22.33 -0.90 0.00	21.92 -0.95 0.00	21.93 -0.90 0.00	20.60 -0.91 0.00	24.10 -1.07 0.00	27.43 -1.24 0.00	27.79 -1.18 0.00	30.28 -1.38 0.00	24.67 -1.18 0.00	26.42 -1.34 0.00	21.19 -0.91 0.00	20.59 -0.72 0.00
RUSSELL___3 23549	15.38 -0.83 0.00	14.11 -0.79 0.00	9.76 -0.53 0.00	11.02 -0.56 0.00	11.37 -0.55 0.00	12.55 -0.50 0.00	16.92 -0.53 0.00	17.44 -0.69 0.00	15.41 -0.65 0.00	16.85 -0.67 0.00	21.39 -0.89 0.00	21.96 -0.86 0.00	22.33 -0.90 0.00	21.92 -0.95 0.00	21.93 -0.90 0.00	20.60 -0.91 0.00	24.10 -1.07 0.00	27.43 -1.24 0.00	27.79 -1.18 0.00	30.28 -1.38 0.00	24.67 -1.18 0.00	26.42 -1.34 0.00	21.19 -0.91 0.00	20.59 -0.72 0.00
RUSSELL___4 23556	15.38 -0.83 0.00	14.11 -0.79 0.00	9.76 -0.53 0.00	11.02 -0.56 0.00	11.37 -0.55 0.00	12.55 -0.50 0.00	16.92 -0.53 0.00	17.44 -0.69 0.00	15.41 -0.65 0.00	16.85 -0.67 0.00	21.39 -0.89 0.00	21.96 -0.86 0.00	22.33 -0.90 0.00	21.92 -0.95 0.00	21.93 -0.90 0.00	20.60 -0.91 0.00	24.10 -1.07 0.00	27.43 -1.24 0.00	27.79 -1.18 0.00	30.28 -1.38 0.00	24.67 -1.18 0.00	26.42 -1.34 0.00	21.19 -0.91 0.00	20.59 -0.72 0.00
RUSSELL___STATION 23914	15.38 -0.83 0.00	14.11 -0.79 0.00	9.76 -0.53 0.00	11.02 -0.56 0.00	11.37 -0.55 0.00	12.55 -0.50 0.00	16.92 -0.53 0.00	17.44 -0.69 0.00	15.41 -0.65 0.00	16.85 -0.67 0.00	21.39 -0.89 0.00	21.96 -0.86 0.00	22.33 -0.90 0.00	21.92 -0.95 0.00	21.93 -0.90 0.00	20.60 -0.91 0.00	24.10 -1.07 0.00	27.43 -1.24 0.00	27.79 -1.18 0.00	30.28 -1.38 0.00	24.67 -1.18 0.00	26.42 -1.34 0.00	21.19 -0.91 0.00	20.59 -0.72 0.00
S SALMON___HYD 24043	15.67 -0.54 0.00	14.41 -0.49 0.00	9.95 -0.34 0.00	11.21 -0.37 0.00	11.57 -0.35 0.00	12.67 -0.38 0.00	17.00 -0.45 0.00	17.62 -0.51 0.00	15.55 -0.51 0.00	16.95 -0.58 0.00	21.45 -0.83 0.00	21.96 -0.85 0.00	22.52 -0.71 0.00	22.19 -0.68 0.00	22.18 -0.65 0.00	20.97 -0.54 0.00	24.53 -0.64 0.00	27.93 -0.74 0.00	28.22 -0.75 0.00	30.78 -0.88 0.00	25.10 -0.75 0.00	26.99 -0.76 0.00	21.51 -0.59 0.00	20.77 -0.53 0.00
S.PERRY__115KV_TB1 80734	15.46 -0.75 0.00	14.19 -0.71 0.00	9.82 -0.47 0.00	11.07 -0.51 0.00	11.44 -0.48 0.00	12.68 -0.37 0.00	17.19 -0.26 0.00	17.75 -0.38 0.00	15.66 -0.40 0.00	17.07 -0.45 0.00	21.67 -0.61 0.00	22.28 -0.53 0.00	22.64 -0.59 0.00	22.16 -0.71 0.00	22.23 -0.60 0.00	20.89 -0.62 0.00	24.49 -0.68 0.00	27.97 -0.70 0.00	28.39 -0.59 0.00	30.86 -0.80 0.00	25.11 -0.75 0.00	26.88 -0.88 0.00	21.60 -0.51 0.00	20.97 -0.34 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	14.80 -1.41 0.00	13.58 -1.32 0.00	9.41 -0.89 0.00	10.63 -0.95 0.00	10.98 -0.95 0.00	12.16 -0.89 0.00	16.46 -0.98 0.00	16.83 -1.29 0.00	14.80 -1.26 0.00	16.23 -1.29 0.00	20.60 -1.68 0.00	21.18 -1.63 0.00	21.49 -1.74 0.00	21.04 -1.83 0.00	21.09 -1.74 0.00	19.74 -1.78 0.00	23.05 -2.12 0.00	26.22 -2.45 0.00	26.64 -2.34 0.00	29.03 -2.63 0.00	23.66 -2.19 0.00	25.31 -2.45 0.00	20.45 -1.65 0.00	20.04 -1.27 0.00
SAWYER___23_KV_LOAD 55526	14.80 -1.41 0.00	13.58 -1.32 0.00	9.41 -0.89 0.00	10.63 -0.95 0.00	10.98 -0.95 0.00	12.16 -0.89 0.00	16.46 -0.98 0.00	16.83 -1.29 0.00	14.80 -1.26 0.00	16.23 -1.29 0.00	20.60 -1.68 0.00	21.18 -1.63 0.00	21.49 -1.74 0.00	21.04 -1.83 0.00	21.09 -1.74 0.00	19.74 -1.78 0.00	23.05 -2.12 0.00	26.22 -2.45 0.00	26.64 -2.34 0.00	29.03 -2.63 0.00	23.66 -2.19 0.00	25.31 -2.45 0.00	20.45 -1.65 0.00	20.04 -1.27 0.00
SELKIRK___I 23801	16.59 0.38 0.00	15.28 0.38 0.00	10.56 0.26 0.00	11.87 0.29 0.00	12.21 0.29 0.00	13.35 0.30 0.00	17.80 0.35 0.00	18.53 0.40 0.00	16.43 0.37 0.00	17.89 0.37 0.00	22.70 0.42 0.00	23.22 0.41 0.00	23.65 0.42 0.00	23.29 0.42 0.00	23.26 0.43 0.00	21.93 0.42 0.00	25.70 0.52 0.00	29.28 0.61 0.00	29.52 0.54 0.00	32.25 0.58 0.00	26.33 0.48 0.00	28.22 0.47 0.00	22.40 0.30 0.00	21.56 0.25 0.00
SELKIRK___II 23799	16.51 0.30 0.00	15.20 0.30 0.00	10.50 0.21 0.00	11.80 0.23 0.00	12.14 0.22 0.00	13.27 0.22 0.00	17.69 0.25 0.00	18.42 0.30 0.00	16.34 0.28 0.00	17.81 0.28 0.00	22.61 0.32 0.00	23.12 0.31 0.00	23.55 0.32 0.00	23.21 0.34 0.00	23.16 0.33 0.00	21.84 0.32 0.00	25.57 0.40 0.00	29.13 0.46 0.00	29.36 0.38 0.00	32.08 0.42 0.00	26.18 0.33 0.00	28.06 0.31 0.00	22.28 0.17 0.00	21.42 0.11 0.00
SENECA OSWGO___HYD 24041	15.71 -0.50 0.00	14.44 -0.46 0.00	9.98 -0.31 0.00	11.24 -0.34 0.00	11.58 -0.34 0.00	12.69 -0.36 0.00	16.99 -0.46 0.00	17.61 -0.52 0.00	15.59 -0.47 0.00	17.01 -0.52 0.00	21.59 -0.69 0.00	22.09 -0.72 0.00	22.49 -0.74 0.00	22.15 -0.72 0.00	22.12 -0.71 0.00	20.89 -0.62 0.00	24.42 -0.76 0.00	27.79 -0.88 0.00	28.05 -0.93 0.00	30.62 -1.04 0.00	25.00 -0.85 0.00	26.91 -0.84 0.00	21.49 -0.61 0.00	20.76 -0.55 0.00

SENECA___115KV_TB3 355854	15.00 -1.21 0.00	13.76 -1.14 0.00	9.53 -0.76 0.00	10.77 -0.81 0.00	11.12 -0.80 0.00	12.33 -0.72 0.00	16.71 -0.74 0.00	17.10 -1.02 0.00	15.05 -1.01 0.00	16.49 -1.03 0.00	20.94 -1.34 0.00	21.53 -1.28 0.00	21.84 -1.39 0.00	21.38 -1.49 0.00	21.43 -1.40 0.00	20.07 -1.44 0.00	23.46 -1.71 0.00	26.70 -1.97 0.00	27.13 -1.85 0.00	29.55 -2.11 0.00	24.07 -1.78 0.00	25.75 -2.00 0.00	20.79 -1.31 0.00	20.33 -0.98 0.00
SENECA___ENERGY 23797	15.67 -0.54 0.00	14.37 -0.53 0.00	9.94 -0.35 0.00	11.18 -0.39 0.00	11.53 -0.39 0.00	12.68 -0.37 0.00	17.07 -0.38 0.00	17.70 -0.43 0.00	15.65 -0.41 0.00	17.08 -0.44 0.00	21.70 -0.58 0.00	22.25 -0.56 0.00	22.62 -0.60 0.00	22.24 -0.63 0.00	22.21 -0.62 0.00	20.92 -0.59 0.00	24.46 -0.71 0.00	27.84 -0.84 0.00	28.24 -0.74 0.00	30.75 -0.91 0.00	25.07 -0.78 0.00	26.91 -0.85 0.00	21.49 -0.61 0.00	20.78 -0.53 0.00
SHOEMAKER___GT 23640	16.71 0.50 0.00	15.34 0.44 0.00	10.62 0.32 0.00	11.93 0.35 0.00	12.27 0.35 0.00	13.43 0.38 0.00	17.95 0.50 0.00	18.71 0.59 0.00	16.59 0.53 0.00	18.09 0.57 0.00	23.04 0.76 0.00	23.59 0.78 0.00	24.03 0.81 0.00	23.67 0.80 0.00	23.55 0.72 0.00	22.18 0.67 0.00	26.01 0.84 0.00	29.63 0.96 0.00	29.92 0.94 0.00	32.68 1.02 0.00	26.66 0.80 0.00	28.50 0.75 0.00	22.62 0.52 0.00	21.73 0.42 0.00
SHOEMAKR_138KV_BK 111 55601	16.71 0.50 0.00	15.34 0.44 0.00	10.61 0.32 0.00	11.92 0.34 0.00	12.26 0.34 0.00	13.42 0.37 0.00	17.95 0.50 0.00	18.71 0.59 0.00	16.59 0.53 0.00	18.08 0.56 0.00	23.03 0.75 0.00	23.58 0.78 0.00	24.03 0.80 0.00	23.66 0.79 0.00	23.54 0.71 0.00	22.17 0.66 0.00	26.00 0.83 0.00	29.63 0.95 0.00	29.91 0.93 0.00	32.67 1.00 0.00	26.64 0.79 0.00	28.49 0.75 0.00	22.61 0.51 0.00	21.72 0.41 0.00
SHOREHAM_IC_1 23715	17.87 1.59 -0.07	17.29 1.38 -1.01	11.47 0.96 -0.22	12.85 1.07 -0.21	12.99 1.06 0.00	14.21 1.16 0.00	19.00 1.55 0.00	19.71 1.59 0.00	29.34 1.54 -11.74	21.95 1.67 -2.76	26.07 1.78 -2.02	34.06 1.80 -9.44	25.20 1.97 0.00	24.84 1.97 0.00	24.49 1.66 0.00	22.62 1.11 0.00	26.58 1.41 0.00	30.43 1.76 0.00	30.54 1.57 0.00	33.37 1.72 0.00	27.31 1.46 0.00	29.38 1.63 0.00	23.30 1.20 0.00	22.34 1.04 0.00
SHOREHAM_IC_2 23716	17.87 1.59 -0.07	17.29 1.38 -1.01	11.47 0.96 -0.22	12.85 1.07 -0.21	12.99 1.06 0.00	14.21 1.16 0.00	19.00 1.55 0.00	19.71 1.59 0.00	29.34 1.54 -11.74	21.95 1.67 -2.76	26.07 1.78 -2.02	34.06 1.80 -9.44	25.20 1.97 0.00	24.84 1.97 0.00	24.49 1.66 0.00	22.62 1.11 0.00	26.58 1.41 0.00	30.43 1.76 0.00	30.54 1.57 0.00	33.37 1.72 0.00	27.31 1.46 0.00	29.38 1.63 0.00	23.30 1.20 0.00	22.34 1.04 0.00
SISSONVILLE____ 23735	16.09 -0.12 0.00	14.80 -0.09 0.00	10.21 -0.09 0.00	11.50 -0.08 0.00	11.86 -0.06 0.00	12.99 -0.05 0.00	17.41 -0.04 0.00	18.07 -0.05 0.00	15.95 -0.11 0.00	17.39 -0.14 0.00	22.11 -0.17 0.00	22.66 -0.15 0.00	23.12 -0.11 0.00	22.76 -0.12 0.00	22.79 -0.04 0.00	21.47 -0.03 0.00	25.14 -0.03 0.00	28.70 0.03 0.00	29.16 0.18 0.00	31.93 0.27 0.00	26.08 0.22 0.00	27.94 0.19 0.00	22.21 0.11 0.00	21.41 0.10 0.00
SITHE_IND_GS1 24169	15.63 -0.58 0.00	14.36 -0.54 0.00	9.92 -0.37 0.00	11.17 -0.41 0.00	11.50 -0.42 0.00	12.60 -0.45 0.00	16.84 -0.61 0.00	17.45 -0.68 0.00	15.45 -0.60 0.00	16.87 -0.66 0.00	21.39 -0.89 0.00	21.89 -0.92 0.00	22.28 -0.95 0.00	21.93 -0.94 0.00	21.90 -0.93 0.00	20.67 -0.84 0.00	24.14 -1.03 0.00	27.47 -1.20 0.00	27.76 -1.22 0.00	30.30 -1.36 0.00	24.76 -1.10 0.00	26.68 -1.07 0.00	21.34 -0.76 0.00	20.64 -0.67 0.00
SITHE_IND_GS2 24170	15.63 -0.58 0.00	14.36 -0.54 0.00	9.92 -0.37 0.00	11.17 -0.41 0.00	11.50 -0.42 0.00	12.60 -0.45 0.00	16.84 -0.61 0.00	17.45 -0.68 0.00	15.45 -0.60 0.00	16.87 -0.66 0.00	21.39 -0.89 0.00	21.89 -0.92 0.00	22.28 -0.95 0.00	21.93 -0.94 0.00	21.90 -0.93 0.00	20.67 -0.84 0.00	24.14 -1.03 0.00	27.47 -1.20 0.00	27.76 -1.22 0.00	30.30 -1.36 0.00	24.76 -1.10 0.00	26.68 -1.07 0.00	21.34 -0.76 0.00	20.64 -0.67 0.00
SITHE_IND_GS3 24171	15.63 -0.58 0.00	14.36 -0.54 0.00	9.92 -0.37 0.00	11.17 -0.41 0.00	11.50 -0.42 0.00	12.60 -0.45 0.00	16.84 -0.61 0.00	17.45 -0.68 0.00	15.45 -0.60 0.00	16.87 -0.66 0.00	21.39 -0.89 0.00	21.89 -0.92 0.00	22.28 -0.95 0.00	21.93 -0.94 0.00	21.90 -0.93 0.00	20.67 -0.84 0.00	24.14 -1.03 0.00	27.47 -1.20 0.00	27.76 -1.22 0.00	30.30 -1.36 0.00	24.76 -1.10 0.00	26.68 -1.07 0.00	21.34 -0.76 0.00	20.64 -0.67 0.00
SITHE_IND_GS4 24172	15.63 -0.58 0.00	14.36 -0.54 0.00	9.92 -0.37 0.00	11.17 -0.41 0.00	11.50 -0.42 0.00	12.60 -0.45 0.00	16.84 -0.61 0.00	17.45 -0.68 0.00	15.45 -0.60 0.00	16.87 -0.66 0.00	21.39 -0.89 0.00	21.89 -0.92 0.00	22.28 -0.95 0.00	21.93 -0.94 0.00	21.90 -0.93 0.00	20.67 -0.84 0.00	24.14 -1.03 0.00	27.47 -1.20 0.00	27.76 -1.22 0.00	30.30 -1.36 0.00	24.76 -1.10 0.00	26.68 -1.07 0.00	21.34 -0.76 0.00	20.64 -0.67 0.00
SITHE___BATAVIA 24024	15.22 -0.99 0.00	13.95 -0.94 0.00	9.66 -0.64 0.00	10.92 -0.66 0.00	11.27 -0.65 0.00	12.50 -0.56 0.00	16.92 -0.53 0.00	17.33 -0.79 0.00	15.27 -0.79 0.00	16.73 -0.79 0.00	21.22 -1.06 0.00	21.82 -0.99 0.00	22.16 -1.06 0.00	21.73 -1.14 0.00	21.77 -1.06 0.00	20.42 -1.09 0.00	23.88 -1.29 0.00	27.19 -1.49 0.00	27.59 -1.38 0.00	30.02 -1.64 0.00	24.45 -1.40 0.00	26.13 -1.63 0.00	21.06 -1.04 0.00	20.57 -0.73 0.00
SITHE___INDEPEND 23800	15.63 -0.58 0.00	14.36 -0.54 0.00	9.92 -0.37 0.00	11.17 -0.41 0.00	11.51 -0.41 0.00	12.60 -0.45 0.00	16.84 -0.61 0.00	17.45 -0.68 0.00	15.45 -0.60 0.00	16.87 -0.65 0.00	21.39 -0.89 0.00	21.89 -0.92 0.00	22.28 -0.95 0.00	21.94 -0.93 0.00	21.90 -0.93 0.00	20.67 -0.84 0.00	24.14 -1.03 0.00	27.47 -1.20 0.00	27.75 -1.22 0.00	30.30 -1.36 0.00	24.76 -1.10 0.00	26.68 -1.07 0.00	21.34 -0.76 0.00	20.64 -0.67 0.00
SITHE___MASSENA 23902	16.45 0.24 0.00	15.13 0.23 0.00	10.44 0.15 0.00	11.76 0.18 0.00	12.10 0.18 0.00	13.26 0.20 0.00	17.73 0.28 0.00	18.40 0.28 0.00	16.29 0.22 0.00	17.78 0.26 0.00	22.64 0.36 0.00	23.19 0.38 0.00	23.61 0.38 0.00	23.24 0.37 0.00	23.24 0.41 0.00	21.88 0.37 0.00	25.60 0.43 0.00	29.20 0.53 0.00	29.64 0.66 0.00	32.45 0.79 0.00	26.52 0.67 0.00	28.44 0.69 0.00	22.65 0.55 0.00	21.85 0.54 0.00
SITHE___OGDNSBRG 24021	16.55 0.34 0.00	15.23 0.34 0.00	10.51 0.22 0.00	11.85 0.27 0.00	12.22 0.30 0.00	13.42 0.37 0.00	17.99 0.54 0.00	18.69 0.57 0.00	16.49 0.43 0.00	17.98 0.45 0.00	22.82 0.54 0.00	23.36 0.56 0.00	23.81 0.59 0.00	23.42 0.55 0.00	23.50 0.67 0.00	22.16 0.65 0.00	25.96 0.79 0.00	29.68 1.01 0.00	30.21 1.24 0.00	33.11 1.45 0.00	27.01 1.16 0.00	28.91 1.16 0.00	22.98 0.87 0.00	22.14 0.83 0.00

SITHE___STERLING 23777	16.38 0.17 0.00	15.08 0.18 0.00	10.41 0.12 0.00	11.72 0.14 0.00	12.08 0.16 0.00	13.27 0.22 0.00	17.81 0.36 0.00	18.48 0.36 0.00	16.36 0.30 0.00	17.86 0.34 0.00	22.69 0.40 0.00	23.27 0.46 0.00	23.75 0.52 0.00	23.40 0.52 0.00	23.37 0.54 0.00	22.05 0.54 0.00	25.83 0.65 0.00	29.34 0.67 0.00	29.63 0.66 0.00	32.29 0.63 0.00	26.32 0.47 0.00	28.24 0.49 0.00	22.46 0.36 0.00	21.63 0.32 0.00
SLEIGHT__34_KV_TB1 80719	15.47 -0.74 0.00	14.19 -0.71 0.00	9.81 -0.48 0.00	11.06 -0.52 0.00	11.41 -0.51 0.00	12.57 -0.48 0.00	16.93 -0.51 0.00	17.51 -0.61 0.00	15.48 -0.58 0.00	16.93 -0.60 0.00	21.50 -0.78 0.00	22.06 -0.76 0.00	22.42 -0.80 0.00	22.03 -0.84 0.00	22.02 -0.81 0.00	20.71 -0.79 0.00	24.23 -0.94 0.00	27.58 -1.09 0.00	27.92 -1.06 0.00	30.42 -1.24 0.00	24.79 -1.06 0.00	26.57 -1.18 0.00	21.26 -0.85 0.00	20.60 -0.71 0.00
SOUTH CAIRO___GT 23612	17.09 0.88 0.00	15.73 0.83 0.00	10.86 0.57 0.00	12.22 0.64 0.00	12.58 0.65 0.00	13.77 0.72 0.00	18.40 0.96 0.00	19.19 1.07 0.00	17.05 0.99 0.00	18.58 1.05 0.00	23.51 1.24 0.00	24.08 1.27 0.00	24.48 1.26 0.00	24.10 1.23 0.00	24.15 1.32 0.00	22.80 1.29 0.00	26.82 1.65 0.00	30.64 1.97 0.00	30.85 1.87 0.00	33.65 1.99 0.00	27.40 1.55 0.00	29.30 1.55 0.00	23.18 1.08 0.00	22.24 0.93 0.00
SOUTH HAMPTN___IC 23720	17.97 1.69 -0.07	17.39 1.48 -1.01	11.54 1.03 -0.22	12.93 1.15 -0.21	13.07 1.15 0.00	14.31 1.26 0.00	19.14 1.70 0.00	19.87 1.75 0.00	29.47 1.67 -11.74	22.10 1.82 -2.76	26.37 2.07 -2.02	34.37 2.12 -9.44	25.48 2.25 0.00	25.12 2.25 0.00	24.78 1.95 0.00	22.93 1.42 0.00	26.96 1.79 0.00	30.88 2.21 0.00	30.99 2.01 0.00	33.86 2.20 0.00	27.67 1.82 0.00	29.73 1.98 0.00	23.56 1.46 0.00	22.58 1.27 0.00
SOUTHDOW_115KV_TB1 355954	15.29 -0.92 0.00	13.94 -0.96 0.00	9.72 -0.58 0.00	10.92 -0.66 0.00	11.25 -0.66 0.00	12.56 -0.49 0.00	17.17 -0.27 0.00	17.59 -0.53 0.00	15.50 -0.56 0.00	16.92 -0.61 0.00	21.47 -0.81 0.00	22.06 -0.75 0.00	22.49 -0.74 0.00	22.13 -0.74 0.00	22.14 -0.69 0.00	20.76 -0.75 0.00	24.40 -0.77 0.00	27.85 -0.82 0.00	28.33 -0.64 0.00	30.81 -0.86 0.00	25.08 -0.78 0.00	26.79 -0.97 0.00	21.49 -0.61 0.00	20.91 -0.39 0.00
SOUTHOLD_69_KV_BK 2 55809	18.18 1.90 -0.07	17.58 1.67 -1.01	11.67 1.16 -0.22	13.09 1.30 -0.21	13.23 1.31 0.00	14.50 1.44 0.00	19.41 1.96 0.00	20.15 2.03 0.00	29.74 1.94 -11.74	22.42 2.14 -2.76	26.75 2.46 -2.02	34.76 2.50 -9.44	25.86 2.64 0.00	25.50 2.63 0.00	25.17 2.34 0.00	23.32 1.81 0.00	27.43 2.27 0.00	31.43 2.76 0.00	31.56 2.58 0.00	34.48 2.82 0.00	28.13 2.28 0.00	30.21 2.46 0.00	23.91 1.81 0.00	22.90 1.59 0.00
SOUTHOLD___IC 23719	18.18 1.90 -0.07	17.58 1.67 -1.01	11.67 1.16 -0.22	13.09 1.30 -0.21	13.23 1.31 0.00	14.50 1.44 0.00	19.41 1.96 0.00	20.15 2.03 0.00	29.73 1.93 -11.74	22.37 2.09 -2.76	26.75 2.45 -2.02	34.75 2.50 -9.44	25.86 2.64 0.00	25.50 2.63 0.00	25.17 2.34 0.00	23.32 1.81 0.00	27.43 2.27 0.00	31.44 2.76 0.00	31.56 2.58 0.00	34.48 2.82 0.00	28.13 2.28 0.00	30.21 2.46 0.00	23.91 1.81 0.00	22.90 1.59 0.00
SOUTH_FORK_WT_PWR 323839	18.20 1.92 -0.07	17.61 1.69 -1.01	11.69 1.18 -0.22	13.11 1.32 -0.21	13.25 1.33 0.00	14.52 1.47 0.00	19.43 1.98 0.00	20.18 2.06 0.00	29.75 1.95 -11.74	22.40 2.12 -2.76	26.78 2.48 -2.02	34.78 2.53 -9.44	25.89 2.66 0.00	25.53 2.65 0.00	25.19 2.36 0.00	23.34 1.83 0.00	27.46 2.29 0.00	31.47 2.80 0.00	31.59 2.61 0.00	34.53 2.87 0.00	28.17 2.31 0.00	30.24 2.49 0.00	23.95 1.84 0.00	22.92 1.62 0.00
SPIERFLS_115KV_TB 1 80737	16.89 0.68 0.00	15.52 0.62 0.00	10.70 0.41 0.00	12.04 0.46 0.00	12.40 0.48 0.00	13.61 0.56 0.00	18.23 0.78 0.00	19.06 0.94 0.00	16.97 0.91 0.00	18.49 0.97 0.00	23.65 1.37 0.00	24.17 1.36 0.00	24.60 1.38 0.00	24.23 1.36 0.00	24.21 1.38 0.00	22.81 1.30 0.00	26.86 1.69 0.00	30.63 1.96 0.00	30.81 1.84 0.00	33.62 1.96 0.00	27.30 1.44 0.00	29.25 1.49 0.00	23.14 1.03 0.00	22.16 0.86 0.00
ST LAWRENCE____ 23600	16.29 0.08 0.00	14.97 0.07 0.00	10.34 0.04 0.00	11.63 0.05 0.00	11.97 0.05 0.00	13.11 0.06 0.00	17.52 0.08 0.00	18.19 0.07 0.00	16.11 0.05 0.00	17.60 0.07 0.00	22.41 0.13 0.00	22.96 0.15 0.00	23.36 0.14 0.00	22.99 0.12 0.00	22.98 0.15 0.00	21.63 0.12 0.00	25.31 0.13 0.00	28.86 0.19 0.00	29.28 0.30 0.00	32.05 0.39 0.00	26.20 0.35 0.00	28.10 0.35 0.00	22.39 0.28 0.00	21.60 0.29 0.00
STATE_CA_115KV_115_LB 55624	16.53 0.32 0.00	15.23 0.33 0.00	10.52 0.23 0.00	11.83 0.24 0.00	12.17 0.25 0.00	13.30 0.25 0.00	17.71 0.26 0.00	18.45 0.32 0.00	16.37 0.31 0.00	17.84 0.31 0.00	22.63 0.35 0.00	23.14 0.33 0.00	23.58 0.35 0.00	23.23 0.36 0.00	23.20 0.37 0.00	21.87 0.37 0.00	25.62 0.45 0.00	29.18 0.51 0.00	29.39 0.41 0.00	32.11 0.44 0.00	26.20 0.34 0.00	28.07 0.32 0.00	22.26 0.16 0.00	21.40 0.09 0.00
STATE_ST_34_KV_LOAD 55959	15.96 -0.25 0.00	14.64 -0.26 0.00	10.12 -0.17 0.00	11.39 -0.19 0.00	11.74 -0.18 0.00	12.89 -0.16 0.00	17.32 -0.13 0.00	17.95 -0.17 0.00	15.88 -0.18 0.00	17.34 -0.19 0.00	22.02 -0.25 0.00	22.59 -0.22 0.00	22.98 -0.25 0.00	22.60 -0.27 0.00	22.56 -0.27 0.00	21.26 -0.25 0.00	24.87 -0.30 0.00	28.31 -0.36 0.00	28.65 -0.33 0.00	31.22 -0.44 0.00	25.47 -0.39 0.00	27.36 -0.39 0.00	21.84 -0.27 0.00	21.10 -0.21 0.00
STATION 5_MISC_HYD 23604	15.32 -0.89 0.00	14.06 -0.84 0.00	9.72 -0.57 0.00	10.97 -0.61 0.00	11.33 -0.60 0.00	12.50 -0.55 0.00	16.84 -0.61 0.00	17.36 -0.76 0.00	15.34 -0.72 0.00	16.77 -0.75 0.00	21.29 -0.99 0.00	21.85 -0.96 0.00	22.21 -1.02 0.00	21.81 -1.06 0.00	21.82 -1.01 0.00	20.50 -1.02 0.00	23.97 -1.21 0.00	27.27 -1.40 0.00	27.64 -1.33 0.00	30.11 -1.55 0.00	24.54 -1.31 0.00	26.28 -1.47 0.00	21.09 -1.01 0.00	20.50 -0.81 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	15.59 -0.62 0.00	14.30 -0.60 0.00	9.89 -0.41 0.00	11.15 -0.43 0.00	11.51 -0.41 0.00	12.69 -0.36 0.00	17.09 -0.35 0.00	17.67 -0.45 0.00	15.62 -0.44 0.00	17.08 -0.44 0.00	21.69 -0.59 0.00	22.25 -0.56 0.00	22.63 -0.60 0.00	22.22 -0.65 0.00	22.22 -0.61 0.00	20.90 -0.61 0.00	24.45 -0.72 0.00	27.83 -0.84 0.00	28.22 -0.76 0.00	30.73 -0.94 0.00	25.03 -0.82 0.00	26.82 -0.94 0.00	21.45 -0.65 0.00	20.79 -0.51 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	15.28 -0.93 0.00	14.03 -0.87 0.00	9.70 -0.59 0.00	10.95 -0.63 0.00	11.29 -0.63 0.00	12.46 -0.59 0.00	16.79 -0.66 0.00	17.31 -0.81 0.00	15.30 -0.76 0.00	16.74 -0.79 0.00	21.25 -1.03 0.00	21.80 -1.01 0.00	22.17 -1.06 0.00	21.77 -1.10 0.00	21.78 -1.05 0.00	20.46 -1.05 0.00	23.93 -1.24 0.00	27.23 -1.44 0.00	27.58 -1.39 0.00	30.05 -1.61 0.00	24.49 -1.36 0.00	26.24 -1.52 0.00	21.04 -1.06 0.00	20.44 -0.87 0.00

STA_56___34_KV_BUS2 355983	15.28 -0.93 0.00	14.03 -0.87 0.00	9.70 -0.59 0.00	10.95 -0.63 0.00	11.29 -0.63 0.00	12.46 -0.59 0.00	16.79 -0.66 0.00	17.31 -0.81 0.00	15.30 -0.76 0.00	16.74 -0.79 0.00	21.25 -1.03 0.00	21.80 -1.01 0.00	22.17 -1.06 0.00	21.77 -1.10 0.00	21.78 -1.05 0.00	20.46 -1.05 0.00	23.93 -1.24 0.00	27.23 -1.44 0.00	27.58 -1.39 0.00	30.05 -1.61 0.00	24.49 -1.36 0.00	26.24 -1.52 0.00	21.04 -1.06 0.00	20.44 -0.87 0.00
STA_67___115KV_BK2 355882	15.29 -0.92 0.00	14.03 -0.87 0.00	9.71 -0.59 0.00	10.95 -0.63 0.00	11.30 -0.62 0.00	12.48 -0.58 0.00	16.81 -0.64 0.00	17.32 -0.80 0.00	15.30 -0.76 0.00	16.74 -0.78 0.00	21.24 -1.04 0.00	21.80 -1.01 0.00	22.16 -1.06 0.00	21.76 -1.11 0.00	21.77 -1.06 0.00	20.44 -1.07 0.00	23.91 -1.26 0.00	27.21 -1.47 0.00	27.57 -1.41 0.00	30.04 -1.63 0.00	24.49 -1.37 0.00	26.23 -1.52 0.00	21.05 -1.05 0.00	20.47 -0.84 0.00
STA_7___115KV_9TRANS 80674	15.38 -0.83 0.00	14.11 -0.79 0.00	9.76 -0.53 0.00	11.02 -0.56 0.00	11.37 -0.55 0.00	12.55 -0.50 0.00	16.92 -0.53 0.00	17.44 -0.69 0.00	15.41 -0.65 0.00	16.85 -0.67 0.00	21.39 -0.89 0.00	21.96 -0.86 0.00	22.33 -0.90 0.00	21.92 -0.95 0.00	21.93 -0.90 0.00	20.60 -0.91 0.00	24.10 -1.07 0.00	27.43 -1.24 0.00	27.79 -1.18 0.00	30.28 -1.38 0.00	24.67 -1.18 0.00	26.42 -1.34 0.00	21.19 -0.91 0.00	20.59 -0.72 0.00
STA_82___115KV_TB1 80780	15.30 -0.91 0.00	14.04 -0.86 0.00	9.71 -0.58 0.00	10.96 -0.62 0.00	11.31 -0.61 0.00	12.48 -0.57 0.00	16.82 -0.63 0.00	17.33 -0.79 0.00	15.31 -0.74 0.00	16.75 -0.78 0.00	21.26 -1.02 0.00	21.81 -1.00 0.00	22.17 -1.05 0.00	21.77 -1.10 0.00	21.78 -1.05 0.00	20.46 -1.05 0.00	23.92 -1.25 0.00	27.22 -1.45 0.00	27.58 -1.40 0.00	30.06 -1.60 0.00	24.50 -1.36 0.00	26.24 -1.51 0.00	21.06 -1.05 0.00	20.48 -0.83 0.00
STEEL___WIND 323596	14.99 -1.22 0.00	13.75 -1.15 0.00	9.52 -0.77 0.00	10.76 -0.82 0.00	11.11 -0.81 0.00	12.32 -0.73 0.00	16.69 -0.75 0.00	17.10 -1.03 0.00	15.03 -1.03 0.00	16.48 -1.04 0.00	20.93 -1.35 0.00	21.52 -1.29 0.00	21.82 -1.41 0.00	21.36 -1.51 0.00	21.41 -1.42 0.00	20.05 -1.46 0.00	23.44 -1.73 0.00	26.67 -2.00 0.00	27.12 -1.85 0.00	29.52 -2.14 0.00	24.05 -1.80 0.00	25.73 -2.02 0.00	20.76 -1.34 0.00	20.31 -1.00 0.00
STEPHTWN_115KV_BK_2 55603	16.65 0.44 0.00	15.31 0.42 0.00	10.57 0.28 0.00	11.88 0.30 0.00	12.23 0.31 0.00	13.40 0.35 0.00	17.86 0.41 0.00	18.61 0.49 0.00	16.52 0.46 0.00	18.01 0.49 0.00	22.80 0.53 0.00	23.33 0.52 0.00	23.74 0.51 0.00	23.39 0.52 0.00	23.35 0.52 0.00	22.02 0.51 0.00	25.85 0.68 0.00	29.46 0.79 0.00	29.67 0.69 0.00	32.44 0.78 0.00	26.42 0.57 0.00	28.31 0.56 0.00	22.42 0.31 0.00	21.53 0.22 0.00
STEBUBEN_REC_LFGE 323667	14.83 -1.37 0.00	13.66 -1.24 0.00	9.49 -0.80 0.00	10.63 -0.95 0.00	10.99 -0.93 0.00	12.20 -0.85 0.00	16.55 -0.90 0.00	17.10 -1.03 0.00	15.08 -0.98 0.00	16.48 -1.04 0.00	21.06 -1.22 0.00	21.68 -1.13 0.00	22.01 -1.21 0.00	21.50 -1.37 0.00	21.46 -1.37 0.00	20.13 -1.38 0.00	23.49 -1.68 0.00	26.80 -1.87 0.00	27.30 -1.68 0.00	29.64 -2.03 0.00	24.09 -1.76 0.00	25.92 -1.84 0.00	20.92 -1.18 0.00	20.39 -0.92 0.00
STILLWATER___SOLAR 323814	16.85 0.64 0.00	15.49 0.59 0.00	10.69 0.40 0.00	12.02 0.44 0.00	12.37 0.45 0.00	13.56 0.51 0.00	18.12 0.68 0.00	18.92 0.80 0.00	16.81 0.75 0.00	18.33 0.80 0.00	23.33 1.05 0.00	23.84 1.03 0.00	24.27 1.05 0.00	23.91 1.04 0.00	23.89 1.06 0.00	22.51 1.00 0.00	26.44 1.27 0.00	30.13 1.46 0.00	30.34 1.36 0.00	33.14 1.47 0.00	26.97 1.12 0.00	28.90 1.15 0.00	22.90 0.80 0.00	21.99 0.68 0.00
STONY___BROOK 24151	17.64 1.36 -0.07	17.09 1.18 -1.01	11.34 0.83 -0.22	12.70 0.91 -0.21	12.82 0.90 0.00	14.02 0.97 0.00	18.78 1.34 0.00	19.52 1.39 0.00	29.12 1.32 -11.74	21.75 1.46 -2.77	26.12 1.82 -2.02	34.15 1.89 -9.44	25.20 1.97 0.00	24.84 1.97 0.00	24.55 1.72 0.00	22.85 1.35 0.00	26.87 1.69 0.00	30.75 2.07 0.00	30.88 1.90 0.00	33.72 2.06 0.00	27.48 1.63 0.00	29.48 1.73 0.00	23.36 1.26 0.00	22.38 1.08 0.00
STURGEON_POOL_HYD 23609	16.88 0.67 0.00	15.48 0.58 0.00	10.71 0.42 0.00	12.02 0.44 0.00	12.36 0.44 0.00	13.54 0.49 0.00	18.10 0.66 0.00	18.88 0.76 0.00	16.75 0.69 0.00	18.28 0.76 0.00	23.33 1.05 0.00	23.87 1.06 0.00	24.33 1.11 0.00	23.97 1.10 0.00	23.82 0.98 0.00	22.40 0.89 0.00	26.31 1.13 0.00	29.96 1.29 0.00	30.24 1.26 0.00	33.03 1.37 0.00	26.92 1.07 0.00	28.77 1.02 0.00	22.82 0.72 0.00	21.89 0.59 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	16.77 0.56 0.00	15.40 0.50 0.00	10.65 0.36 0.00	11.96 0.38 0.00	12.31 0.39 0.00	13.47 0.42 0.00	18.01 0.57 0.00	18.78 0.66 0.00	16.65 0.59 0.00	18.15 0.63 0.00	23.13 0.85 0.00	23.68 0.87 0.00	24.13 0.90 0.00	23.78 0.91 0.00	23.64 0.81 0.00	22.25 0.74 0.00	26.11 0.94 0.00	29.75 1.08 0.00	30.03 1.06 0.00	32.80 1.15 0.00	26.76 0.91 0.00	28.62 0.87 0.00	22.69 0.59 0.00	21.78 0.47 0.00
SWANROAD_115KV_TB1 355699	14.56 -1.65 0.00	13.36 -1.54 0.00	9.25 -1.05 0.00	10.47 -1.11 0.00	10.80 -1.12 0.00	11.97 -1.08 0.00	16.19 -1.26 0.00	16.45 -1.68 0.00	14.44 -1.61 0.00	15.86 -1.67 0.00	20.12 -2.16 0.00	20.67 -2.14 0.00	20.99 -2.24 0.00	20.54 -2.33 0.00	20.59 -2.24 0.00	19.28 -2.24 0.00	22.51 -2.66 0.00	25.58 -3.09 0.00	25.98 -2.99 0.00	28.31 -3.36 0.00	23.09 -2.76 0.00	24.69 -3.06 0.00	20.04 -2.06 0.00	19.70 -1.60 0.00
SYNERGY___BIOGAS 323694	15.22 -0.99 0.00	13.95 -0.94 0.00	9.66 -0.64 0.00	10.92 -0.66 0.00	11.27 -0.65 0.00	12.50 -0.56 0.00	16.92 -0.53 0.00	17.33 -0.79 0.00	15.27 -0.79 0.00	16.73 -0.79 0.00	21.22 -1.06 0.00	21.82 -0.99 0.00	22.16 -1.06 0.00	21.73 -1.14 0.00	21.77 -1.06 0.00	20.42 -1.09 0.00	23.88 -1.29 0.00	27.19 -1.49 0.00	27.59 -1.38 0.00	30.02 -1.64 0.00	24.45 -1.40 0.00	26.13 -1.63 0.00	21.06 -1.04 0.00	20.57 -0.73 0.00
SYRACUSE___ENERGY_ST1 323597	15.94 -0.27 0.00	14.64 -0.26 0.00	10.12 -0.18 0.00	11.39 -0.19 0.00	11.73 -0.19 0.00	12.87 -0.18 0.00	17.24 -0.20 0.00	17.88 -0.24 0.00	15.83 -0.23 0.00	17.28 -0.24 0.00	21.93 -0.35 0.00	22.53 -0.28 0.00	22.93 -0.29 0.00	22.57 -0.30 0.00	22.50 -0.33 0.00	21.20 -0.31 0.00	24.79 -0.38 0.00	28.22 -0.45 0.00	28.52 -0.46 0.00	31.12 -0.55 0.00	25.39 -0.46 0.00	27.31 -0.44 0.00	21.80 -0.30 0.00	21.05 -0.25 0.00
SYRACUSE___ENERGY_ST2 323598	15.94 -0.27 0.00	14.64 -0.26 0.00	10.12 -0.18 0.00	11.39 -0.19 0.00	11.73 -0.19 0.00	12.87 -0.18 0.00	17.24 -0.20 0.00	17.88 -0.24 0.00	15.83 -0.23 0.00	17.28 -0.24 0.00	21.93 -0.35 0.00	22.53 -0.28 0.00	22.93 -0.29 0.00	22.57 -0.30 0.00	22.50 -0.33 0.00	21.20 -0.31 0.00	24.79 -0.38 0.00	28.22 -0.45 0.00	28.52 -0.46 0.00	31.12 -0.55 0.00	25.39 -0.46 0.00	27.31 -0.44 0.00	21.80 -0.30 0.00	21.05 -0.25 0.00

SYRACUSE___POWER 24017	15.95 -0.26 0.00	14.64 -0.25 0.00	10.13 -0.17 0.00	11.39 -0.19 0.00	11.74 -0.18 0.00	12.88 -0.17 0.00	17.26 -0.19 0.00	17.90 -0.22 0.00	15.85 -0.21 0.00	17.30 -0.23 0.00	21.96 -0.32 0.00	22.51 -0.31 0.00	22.91 -0.31 0.00	22.55 -0.32 0.00	22.51 -0.32 0.00	21.22 -0.29 0.00	24.82 -0.35 0.00	28.25 -0.41 0.00	28.55 -0.43 0.00	31.15 -0.52 0.00	25.41 -0.44 0.00	27.33 -0.43 0.00	21.81 -0.29 0.00	21.06 -0.25 0.00
TALLMAN___138KV_BK151 55660	16.83 0.62 0.00	15.45 0.55 0.00	10.69 0.39 0.00	11.99 0.41 0.00	12.34 0.42 0.00	13.51 0.46 0.00	18.08 0.63 0.00	18.87 0.74 0.00	16.72 0.66 0.00	18.21 0.69 0.00	23.22 0.94 0.00	23.78 0.97 0.00	24.24 1.01 0.00	23.88 1.01 0.00	23.72 0.90 0.00	22.33 0.82 0.00	26.20 1.03 0.00	29.84 1.17 0.00	30.14 1.16 0.00	32.94 1.27 0.00	26.87 1.01 0.00	28.72 0.97 0.00	22.76 0.66 0.00	21.84 0.53 0.00
TEALLAVE_115KV_TB7 355573	15.86 -0.35 0.00	14.57 -0.33 0.00	10.07 -0.22 0.00	11.34 -0.24 0.00	11.68 -0.24 0.00	12.81 -0.24 0.00	17.16 -0.29 0.00	17.79 -0.33 0.00	15.75 -0.31 0.00	17.19 -0.33 0.00	21.82 -0.46 0.00	22.35 -0.46 0.00	22.75 -0.48 0.00	22.40 -0.47 0.00	22.36 -0.47 0.00	21.09 -0.42 0.00	24.66 -0.51 0.00	28.06 -0.61 0.00	28.36 -0.62 0.00	30.92 -0.73 0.00	25.25 -0.61 0.00	27.16 -0.59 0.00	21.68 -0.42 0.00	20.94 -0.36 0.00
TELGRAPH_34_KV_EAST 80808	14.96 -1.25 0.00	13.72 -1.18 0.00	9.50 -0.80 0.00	10.74 -0.84 0.00	11.08 -0.84 0.00	12.28 -0.77 0.00	16.63 -0.82 0.00	16.98 -1.14 0.00	14.94 -1.12 0.00	16.38 -1.14 0.00	20.79 -1.49 0.00	21.37 -1.44 0.00	21.70 -1.53 0.00	21.25 -1.62 0.00	21.30 -1.52 0.00	19.97 -1.55 0.00	23.34 -1.83 0.00	26.54 -2.13 0.00	26.93 -2.04 0.00	29.33 -2.33 0.00	23.89 -1.96 0.00	25.55 -2.21 0.00	20.64 -1.46 0.00	20.22 -1.09 0.00
TEMPLE___115KV_TB 2 55572	15.87 -0.34 0.00	14.58 -0.32 0.00	10.07 -0.22 0.00	11.34 -0.24 0.00	11.68 -0.24 0.00	12.81 -0.24 0.00	17.17 -0.28 0.00	17.80 -0.32 0.00	15.76 -0.30 0.00	17.20 -0.32 0.00	21.83 -0.45 0.00	22.35 -0.45 0.00	22.76 -0.46 0.00	22.41 -0.46 0.00	22.37 -0.46 0.00	21.10 -0.41 0.00	24.67 -0.50 0.00	28.08 -0.59 0.00	28.38 -0.60 0.00	30.95 -0.71 0.00	25.26 -0.60 0.00	27.17 -0.58 0.00	21.70 -0.41 0.00	20.96 -0.35 0.00
TIANA____69_KV_BK 1 55817	17.92 1.64 -0.07	17.35 1.44 -1.01	11.51 1.00 -0.22	12.90 1.11 -0.21	13.03 1.11 0.00	14.27 1.22 0.00	19.09 1.64 0.00	19.81 1.69 0.00	29.43 1.63 -11.74	22.09 1.81 -2.76	26.31 2.01 -2.02	34.30 2.04 -9.44	25.41 2.18 0.00	25.05 2.18 0.00	24.71 1.89 0.00	22.87 1.36 0.00	26.88 1.71 0.00	30.78 2.11 0.00	30.90 1.93 0.00	33.76 2.09 0.00	27.59 1.74 0.00	29.65 1.90 0.00	23.50 1.40 0.00	22.52 1.22 0.00
TILDEN___115KV_TB1 80814	15.95 -0.26 0.00	14.64 -0.25 0.00	10.13 -0.17 0.00	11.39 -0.19 0.00	11.74 -0.18 0.00	12.88 -0.17 0.00	17.26 -0.19 0.00	17.90 -0.22 0.00	15.85 -0.21 0.00	17.30 -0.23 0.00	21.96 -0.32 0.00	22.51 -0.31 0.00	22.91 -0.31 0.00	22.55 -0.32 0.00	22.51 -0.32 0.00	21.22 -0.29 0.00	24.82 -0.35 0.00	28.25 -0.41 0.00	28.55 -0.43 0.00	31.15 -0.52 0.00	25.41 -0.44 0.00	27.33 -0.43 0.00	21.81 -0.29 0.00	21.06 -0.25 0.00
TRIGEN___CC 323695	17.22 0.96 -0.05	16.76 0.85 -1.01	11.12 0.61 -0.22	12.44 0.65 -0.21	12.56 0.64 0.00	13.75 0.70 0.00	18.38 0.94 0.00	19.13 1.00 0.00	28.73 0.95 -11.72	21.29 1.07 -2.70	25.74 1.45 -2.02	33.74 1.49 -9.44	24.73 1.51 0.00	24.39 1.52 0.00	24.18 1.35 0.00	22.68 1.17 0.00	26.65 1.47 0.00	30.39 1.72 0.00	30.61 1.63 0.00	33.43 1.77 0.00	27.24 1.39 0.00	29.13 1.39 0.00	23.09 0.99 0.00	22.14 0.83 0.00
TRINITY___115KV___4 BK 55933	16.49 0.28 0.00	15.18 0.28 0.00	10.49 0.20 0.00	11.79 0.21 0.00	12.13 0.21 0.00	13.26 0.20 0.00	17.65 0.20 0.00	18.39 0.26 0.00	16.31 0.25 0.00	17.76 0.24 0.00	22.53 0.25 0.00	23.04 0.23 0.00	23.48 0.25 0.00	23.12 0.25 0.00	23.09 0.26 0.00	21.77 0.26 0.00	25.50 0.33 0.00	29.04 0.37 0.00	29.25 0.27 0.00	31.96 0.30 0.00	26.09 0.23 0.00	27.96 0.21 0.00	22.18 0.08 0.00	21.32 0.01 0.00
UNION___PROCESSING_DRP 323587	15.30 -0.91 0.00	14.04 -0.86 0.00	9.71 -0.58 0.00	10.96 -0.62 0.00	11.32 -0.61 0.00	12.49 -0.56 0.00	16.82 -0.63 0.00	17.34 -0.78 0.00	15.32 -0.74 0.00	16.75 -0.77 0.00	21.26 -1.02 0.00	21.82 -0.99 0.00	22.19 -1.04 0.00	21.78 -1.09 0.00	21.79 -1.04 0.00	20.46 -1.05 0.00	23.94 -1.23 0.00	27.23 -1.44 0.00	27.59 -1.38 0.00	30.07 -1.59 0.00	24.50 -1.35 0.00	26.25 -1.50 0.00	21.06 -1.04 0.00	20.48 -0.83 0.00
UPPER HUDSON___HYD 24058	16.89 0.68 0.00	15.52 0.62 0.00	10.70 0.41 0.00	12.04 0.46 0.00	12.40 0.48 0.00	13.61 0.56 0.00	18.23 0.78 0.00	19.06 0.94 0.00	16.97 0.91 0.00	18.49 0.97 0.00	23.64 1.36 0.00	24.17 1.36 0.00	24.60 1.37 0.00	24.23 1.36 0.00	24.21 1.38 0.00	22.81 1.30 0.00	26.86 1.69 0.00	30.63 1.96 0.00	30.81 1.84 0.00	33.62 1.96 0.00	27.30 1.44 0.00	29.24 1.49 0.00	23.14 1.03 0.00	22.17 0.86 0.00
UPPER RAQUET___HYD 24056	16.09 -0.12 0.00	14.80 -0.09 0.00	10.21 -0.09 0.00	11.50 -0.08 0.00	11.86 -0.06 0.00	12.99 -0.05 0.00	17.41 -0.04 0.00	18.07 -0.05 0.00	15.95 -0.11 0.00	17.39 -0.13 0.00	22.11 -0.17 0.00	22.66 -0.15 0.00	23.12 -0.11 0.00	22.76 -0.12 0.00	22.79 -0.04 0.00	21.47 -0.03 0.00	25.14 -0.03 0.00	28.70 0.03 0.00	29.16 0.18 0.00	31.93 0.27 0.00	26.08 0.22 0.00	27.94 0.19 0.00	22.21 0.11 0.00	21.41 0.10 0.00
VALLEY44_115KV_TB2 355964	15.58 -0.63 0.00	14.27 -0.63 0.00	9.89 -0.41 0.00	11.15 -0.43 0.00	11.51 -0.41 0.00	12.78 -0.28 0.00	17.27 -0.17 0.00	17.84 -0.29 0.00	15.72 -0.34 0.00	17.14 -0.39 0.00	21.65 -0.63 0.00	22.20 -0.61 0.00	22.50 -0.73 0.00	22.04 -0.83 0.00	22.04 -0.79 0.00	20.66 -0.85 0.00	24.19 -0.99 0.00	27.57 -1.10 0.00	28.05 -0.93 0.00	30.55 -1.12 0.00	24.86 -0.99 0.00	26.70 -1.05 0.00	21.54 -0.56 0.00	20.95 -0.36 0.00
VALLEY___115KV_TB 1-4 80826	16.24 0.03 0.00	14.93 0.04 0.00	10.30 0.01 0.00	11.59 0.00 0.00	11.93 0.01 0.00	13.06 0.01 0.00	17.47 0.03 0.00	18.25 0.13 0.00	16.19 0.13 0.00	17.62 0.09 0.00	22.36 0.08 0.00	22.89 0.08 0.00	23.28 0.06 0.00	22.96 0.09 0.00	22.89 0.06 0.00	21.54 0.02 0.00	25.22 0.05 0.00	28.86 0.19 0.00	29.05 0.07 0.00	31.69 0.03 0.00	25.87 0.01 0.00	27.69 -0.06 0.00	21.96 -0.15 0.00	21.09 -0.22 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	16.74 0.53 0.00	15.35 0.46 0.00	10.62 0.32 0.00	11.94 0.36 0.00	12.30 0.38 0.00	13.49 0.44 0.00	18.08 0.63 0.00	18.81 0.69 0.00	16.69 0.63 0.00	18.19 0.67 0.00	23.12 0.85 0.00	23.66 0.85 0.00	24.08 0.85 0.00	23.69 0.82 0.00	23.63 0.80 0.00	22.25 0.74 0.00	26.08 0.91 0.00	29.73 1.06 0.00	30.03 1.05 0.00	32.77 1.11 0.00	26.73 0.88 0.00	28.62 0.87 0.00	22.75 0.64 0.00	21.87 0.57 0.00

VISCHER___FERRY HYD 24020	16.67 0.46 0.00	15.34 0.44 0.00	10.60 0.30 0.00	11.91 0.33 0.00	12.25 0.33 0.00	13.39 0.34 0.00	17.88 0.43 0.00	18.65 0.53 0.00	16.56 0.50 0.00	18.04 0.52 0.00	22.92 0.64 0.00	23.42 0.61 0.00	23.86 0.63 0.00	23.50 0.63 0.00	23.48 0.65 0.00	22.13 0.62 0.00	25.94 0.76 0.00	29.55 0.88 0.00	29.75 0.77 0.00	32.51 0.85 0.00	26.53 0.67 0.00	28.44 0.68 0.00	22.55 0.45 0.00	21.66 0.35 0.00
V_A_10_SYNC_DSASP 323832	14.82 -1.39 0.00	13.60 -1.30 0.00	9.42 -0.88 0.00	10.64 -0.94 0.00	10.98 -0.94 0.00	12.14 -0.91 0.00	16.39 -1.06 0.00	16.81 -1.31 0.00	14.81 -1.25 0.00	16.22 -1.31 0.00	20.58 -1.71 0.00	21.12 -1.69 0.00	21.45 -1.78 0.00	21.02 -1.85 0.00	21.05 -1.78 0.00	19.72 -1.80 0.00	23.03 -2.14 0.00	26.19 -2.48 0.00	26.59 -2.39 0.00	28.97 -2.70 0.00	23.62 -2.23 0.00	25.30 -2.45 0.00	20.40 -1.70 0.00	19.94 -1.37 0.00
V_CMM_10_SYNC_DSASP 323787	16.36 0.15 0.00	15.03 0.14 0.00	10.38 0.08 0.00	11.68 0.10 0.00	12.02 0.10 0.00	13.17 0.12 0.00	17.61 0.16 0.00	18.27 0.15 0.00	16.18 0.12 0.00	17.68 0.15 0.00	22.51 0.23 0.00	23.06 0.25 0.00	23.47 0.24 0.00	23.10 0.23 0.00	23.09 0.26 0.00	21.74 0.22 0.00	25.42 0.25 0.00	28.99 0.32 0.00	29.41 0.43 0.00	32.20 0.54 0.00	26.32 0.47 0.00	28.23 0.48 0.00	22.49 0.39 0.00	21.70 0.39 0.00
V_CMP_10_SYNC_DSASP 323788	16.85 0.65 0.00	15.48 0.58 0.00	10.68 0.39 0.00	12.01 0.43 0.00	12.36 0.44 0.00	13.55 0.50 0.00	18.14 0.70 0.00	18.92 0.80 0.00	16.76 0.70 0.00	18.27 0.75 0.00	23.22 0.94 0.00	23.75 0.94 0.00	24.15 0.92 0.00	23.76 0.89 0.00	23.75 0.92 0.00	22.44 0.93 0.00	26.35 1.18 0.00	30.03 1.36 0.00	30.36 1.38 0.00	33.22 1.55 0.00	27.10 1.25 0.00	29.05 1.30 0.00	23.11 1.01 0.00	22.27 0.97 0.00
V_D_10_SYNC_DSASP 323841	16.45 0.24 0.00	15.13 0.23 0.00	10.44 0.15 0.00	11.76 0.18 0.00	12.10 0.18 0.00	13.26 0.20 0.00	17.73 0.28 0.00	18.40 0.28 0.00	16.29 0.22 0.00	17.78 0.26 0.00	22.64 0.36 0.00	23.19 0.38 0.00	23.61 0.38 0.00	23.23 0.36 0.00	23.24 0.41 0.00	21.88 0.37 0.00	25.60 0.43 0.00	29.20 0.53 0.00	29.63 0.66 0.00	32.45 0.79 0.00	26.52 0.67 0.00	28.44 0.69 0.00	22.65 0.55 0.00	21.85 0.54 0.00
V_E_10_SYNC_DSASP 323830	16.69 0.49 0.00	15.35 0.45 0.00	10.60 0.31 0.00	11.94 0.36 0.00	12.39 0.47 0.00	13.65 0.60 0.00	18.51 1.06 0.00	19.27 1.15 0.00	16.93 0.87 0.00	18.42 0.90 0.00	23.51 1.23 0.00	24.07 1.26 0.00	24.53 1.31 0.00	24.11 1.24 0.00	24.14 1.31 0.00	22.68 1.17 0.00	26.66 1.49 0.00	30.35 1.68 0.00	30.60 1.62 0.00	33.28 1.61 0.00	27.17 1.32 0.00	29.05 1.30 0.00	23.04 0.94 0.00	22.12 0.81 0.00
V_F_30_NSYNC___DSASP 323816	16.87 0.66 0.00	15.50 0.60 0.00	10.70 0.41 0.00	12.03 0.45 0.00	12.39 0.47 0.00	13.57 0.52 0.00	18.15 0.70 0.00	18.94 0.82 0.00	16.83 0.77 0.00	18.35 0.82 0.00	23.37 1.09 0.00	23.88 1.07 0.00	24.32 1.09 0.00	23.95 1.08 0.00	23.92 1.09 0.00	22.54 1.03 0.00	26.47 1.30 0.00	30.18 1.51 0.00	30.38 1.41 0.00	33.18 1.52 0.00	27.00 1.15 0.00	28.94 1.19 0.00	22.93 0.83 0.00	22.01 0.70 0.00
V_F_30_SYNC_DSASP 323786	16.53 0.32 0.00	15.23 0.33 0.00	10.52 0.23 0.00	11.83 0.24 0.00	12.17 0.25 0.00	13.30 0.25 0.00	17.71 0.26 0.00	18.45 0.32 0.00	16.37 0.31 0.00	17.84 0.31 0.00	22.63 0.35 0.00	23.14 0.33 0.00	23.58 0.35 0.00	23.23 0.36 0.00	23.19 0.37 0.00	21.87 0.37 0.00	25.62 0.45 0.00	29.17 0.50 0.00	29.39 0.41 0.00	32.10 0.44 0.00	26.19 0.34 0.00	28.07 0.32 0.00	22.26 0.16 0.00	21.40 0.09 0.00
V_XM_10_SYNC_DSASP 323789	16.85 0.65 0.00	15.48 0.58 0.00	10.68 0.39 0.00	12.01 0.43 0.00	12.36 0.44 0.00	13.55 0.50 0.00	18.14 0.70 0.00	18.92 0.80 0.00	16.76 0.70 0.00	18.27 0.75 0.00	23.22 0.94 0.00	23.75 0.94 0.00	24.15 0.92 0.00	23.76 0.89 0.00	23.75 0.92 0.00	22.44 0.93 0.00	26.35 1.18 0.00	30.03 1.36 0.00	30.36 1.38 0.00	33.22 1.55 0.00	27.10 1.25 0.00	29.05 1.30 0.00	23.11 1.01 0.00	22.27 0.97 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	16.88 0.67 0.00	15.49 0.60 0.00	10.72 0.42 0.00	12.03 0.44 0.00	12.37 0.45 0.00	13.55 0.50 0.00	18.14 0.69 0.00	18.92 0.80 0.00	16.78 0.72 0.00	18.28 0.76 0.00	23.30 1.02 0.00	23.87 1.05 0.00	24.32 1.09 0.00	23.97 1.10 0.00	23.81 0.98 0.00	22.41 0.90 0.00	26.30 1.13 0.00	29.95 1.28 0.00	30.25 1.28 0.00	33.05 1.39 0.00	26.97 1.12 0.00	28.82 1.07 0.00	22.84 0.73 0.00	21.91 0.60 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	16.96 0.75 0.00	15.56 0.66 0.00	10.77 0.47 0.00	12.08 0.49 0.00	12.42 0.50 0.00	13.59 0.54 0.00	18.17 0.72 0.00	18.96 0.84 0.00	16.83 0.77 0.00	18.36 0.84 0.00	23.45 1.17 0.00	23.98 1.17 0.00	24.43 1.21 0.00	24.09 1.22 0.00	23.93 1.10 0.00	22.50 0.99 0.00	26.38 1.21 0.00	30.04 1.36 0.00	30.32 1.35 0.00	33.12 1.46 0.00	27.01 1.16 0.00	28.87 1.12 0.00	22.87 0.77 0.00	21.95 0.64 0.00
W50THST__13_KV_LOAD 356117	17.05 0.84 0.00	15.65 0.75 0.00	10.82 0.53 0.00	12.14 0.56 0.00	12.48 0.56 0.00	13.67 0.62 0.00	18.28 0.83 0.00	19.09 0.96 0.00	16.95 0.90 0.00	18.49 0.97 0.00	23.62 1.34 0.00	24.17 1.36 0.00	24.63 1.41 0.00	24.28 1.41 0.00	24.11 1.28 0.00	22.68 1.16 0.00	26.59 1.42 0.00	30.26 1.59 0.00	30.54 1.57 0.00	33.33 1.67 0.00	27.19 1.34 0.00	29.05 1.30 0.00	23.00 0.90 0.00	22.07 0.76 0.00
WADING RIVER_IC_1 23522	17.86 1.58 -0.07	17.29 1.38 -1.01	11.47 0.96 -0.22	12.85 1.06 -0.21	12.98 1.06 0.00	14.21 1.16 0.00	18.99 1.54 0.00	19.69 1.57 0.00	29.34 1.54 -11.74	21.95 1.67 -2.76	26.05 1.75 -2.02	34.03 1.77 -9.44	25.18 1.95 0.00	24.82 1.95 0.00	24.46 1.63 0.00	22.59 1.08 0.00	26.54 1.37 0.00	30.39 1.72 0.00	30.50 1.52 0.00	33.33 1.67 0.00	27.28 1.43 0.00	29.35 1.60 0.00	23.27 1.17 0.00	22.32 1.01 0.00
WADING RIVER_IC_2 23547	17.86 1.58 -0.07	17.29 1.38 -1.01	11.47 0.96 -0.22	12.85 1.06 -0.21	12.98 1.06 0.00	14.21 1.16 0.00	18.99 1.54 0.00	19.69 1.57 0.00	29.34 1.54 -11.74	21.95 1.67 -2.76	26.05 1.75 -2.02	34.03 1.77 -9.44	25.18 1.95 0.00	24.82 1.95 0.00	24.46 1.63 0.00	22.59 1.08 0.00	26.54 1.37 0.00	30.39 1.72 0.00	30.50 1.52 0.00	33.33 1.67 0.00	27.28 1.43 0.00	29.35 1.60 0.00	23.27 1.17 0.00	22.32 1.01 0.00
WADING RIVER_IC_3 23601	17.86 1.58 -0.07	17.29 1.38 -1.01	11.47 0.96 -0.22	12.85 1.06 -0.21	12.98 1.06 0.00	14.21 1.16 0.00	18.99 1.54 0.00	19.69 1.57 0.00	29.34 1.54 -11.74	21.95 1.67 -2.76	26.05 1.75 -2.02	34.03 1.77 -9.44	25.18 1.95 0.00	24.82 1.95 0.00	24.46 1.63 0.00	22.59 1.08 0.00	26.54 1.37 0.00	30.39 1.72 0.00	30.50 1.52 0.00	33.33 1.67 0.00	27.28 1.43 0.00	29.35 1.60 0.00	23.27 1.17 0.00	22.32 1.01 0.00

WALDENNY_12_KV_BK2 80841	14.98 -1.23 0.00	13.74 -1.16 0.00	9.52 -0.77 0.00	10.76 -0.82 0.00	11.10 -0.82 0.00	12.32 -0.73 0.00	16.69 -0.76 0.00	17.08 -1.04 0.00	15.02 -1.04 0.00	16.47 -1.05 0.00	20.92 -1.36 0.00	21.51 -1.30 0.00	21.81 -1.42 0.00	21.36 -1.51 0.00	21.41 -1.42 0.00	20.05 -1.46 0.00	23.44 -1.73 0.00	26.66 -2.01 0.00	27.09 -1.88 0.00	29.51 -2.15 0.00	24.04 -1.81 0.00	25.71 -2.04 0.00	20.76 -1.34 0.00	20.31 -1.00 0.00
WALDEN___HYDRO 24148	16.95 0.74 0.00	15.56 0.66 0.00	10.76 0.47 0.00	12.08 0.50 0.00	12.41 0.49 0.00	13.62 0.56 0.00	18.22 0.78 0.00	18.97 0.85 0.00	16.85 0.79 0.00	18.35 0.83 0.00	23.43 1.15 0.00	23.96 1.15 0.00	24.39 1.17 0.00	24.06 1.19 0.00	23.93 1.11 0.00	22.49 0.98 0.00	26.47 1.30 0.00	30.13 1.45 0.00	30.41 1.43 0.00	33.22 1.55 0.00	27.08 1.22 0.00	28.93 1.18 0.00	22.93 0.83 0.00	21.99 0.69 0.00
WARRENSBURG___ 23737	16.89 0.68 0.00	15.52 0.62 0.00	10.70 0.41 0.00	12.04 0.46 0.00	12.40 0.48 0.00	13.61 0.56 0.00	18.23 0.78 0.00	19.06 0.94 0.00	16.97 0.91 0.00	18.49 0.97 0.00	23.64 1.36 0.00	24.17 1.36 0.00	24.60 1.37 0.00	24.23 1.36 0.00	24.21 1.38 0.00	22.81 1.30 0.00	26.86 1.69 0.00	30.63 1.96 0.00	30.81 1.84 0.00	33.62 1.96 0.00	27.30 1.44 0.00	29.24 1.49 0.00	23.14 1.03 0.00	22.17 0.86 0.00
WATERSIDE___6 8 9 23538	17.03 0.82 0.00	15.62 0.72 0.00	10.81 0.51 0.00	12.12 0.54 0.00	12.46 0.54 0.00	13.64 0.59 0.00	18.22 0.77 0.00	19.02 0.90 0.00	16.88 0.82 0.00	18.41 0.89 0.00	23.52 1.24 0.00	24.05 1.24 0.00	14.91 1.29 9.60	19.72 1.30 4.45	17.89 1.17 6.12	7.64 1.06 14.92	24.83 1.28 1.62	4.30 1.44 25.81	28.74 1.44 1.67	22.03 1.55 11.18	20.39 1.24 6.69	10.96 1.20 17.99	22.93 0.83 0.00	22.03 0.72 0.00
WATKINRD_115KV_LN8_ILLION 55919	16.27 0.06 0.00	14.95 0.06 0.00	10.33 0.04 0.00	11.61 0.04 0.00	11.96 0.03 0.00	13.08 0.03 0.00	17.49 0.04 0.00	18.24 0.12 0.00	16.19 0.12 0.00	17.62 0.10 0.00	22.39 0.11 0.00	22.92 0.10 0.00	23.32 0.09 0.00	22.99 0.12 0.00	22.94 0.11 0.00	21.61 0.10 0.00	25.31 0.14 0.00	28.88 0.21 0.00	29.10 0.12 0.00	31.77 0.10 0.00	25.93 0.07 0.00	27.78 0.03 0.00	22.04 -0.06 0.00	21.17 -0.13 0.00
WATSON___69_KV_BK 1 55734	17.72 1.45 -0.06	17.18 1.27 -1.01	11.40 0.89 -0.22	12.77 0.98 -0.21	12.89 0.97 0.00	14.11 1.06 0.00	18.91 1.46 0.00	19.64 1.52 0.00	29.21 1.42 -11.73	21.79 1.54 -2.72	26.35 2.06 -2.02	34.41 2.16 -9.44	25.41 2.19 0.00	25.07 2.19 0.00	24.78 1.95 0.00	23.17 1.66 0.00	27.26 2.09 0.00	31.17 2.50 0.00	31.31 2.33 0.00	34.21 2.55 0.00	27.85 1.99 0.00	29.81 2.06 0.00	23.64 1.54 0.00	22.64 1.34 0.00
WDELAWARE___HYD 323627	17.01 0.81 0.00	15.58 0.68 0.00	10.78 0.49 0.00	12.10 0.52 0.00	12.46 0.54 0.00	13.66 0.61 0.00	18.29 0.84 0.00	19.07 0.95 0.00	16.91 0.85 0.00	18.43 0.91 0.00	23.45 1.17 0.00	23.96 1.15 0.00	24.39 1.16 0.00	23.94 1.06 0.00	23.61 0.77 0.00	22.24 0.73 0.00	26.19 1.01 0.00	29.86 1.19 0.00	30.16 1.18 0.00	32.91 1.24 0.00	26.82 0.97 0.00	28.64 0.89 0.00	22.69 0.59 0.00	21.76 0.45 0.00
WEST BABYLON___IC 23714	17.61 1.34 -0.06	17.08 1.17 -1.01	11.34 0.83 -0.22	12.69 0.90 -0.21	12.81 0.89 0.00	14.02 0.97 0.00	18.78 1.34 0.00	19.53 1.41 0.00	29.11 1.33 -11.72	21.69 1.46 -2.70	26.24 1.95 -2.02	34.29 2.04 -9.44	25.29 2.06 0.00	24.94 2.07 0.00	24.69 1.86 0.00	23.10 1.59 0.00	27.17 2.00 0.00	31.06 2.39 0.00	31.22 2.24 0.00	34.11 2.45 0.00	27.76 1.91 0.00	29.72 1.96 0.00	23.56 1.45 0.00	22.56 1.25 0.00
WEST CANADA___HYD 24049	16.23 0.02 0.00	14.91 0.01 0.00	10.31 0.01 0.00	11.59 0.01 0.00	11.93 0.01 0.00	13.05 0.00 0.00	17.45 0.00 0.00	18.13 0.01 0.00	16.08 0.02 0.00	17.54 0.02 0.00	22.30 0.02 0.00	22.83 0.02 0.00	23.27 0.04 0.00	22.92 0.05 0.00	22.88 0.05 0.00	21.55 0.04 0.00	25.22 0.05 0.00	28.73 0.06 0.00	29.01 0.03 0.00	31.68 0.01 0.00	25.86 0.00 0.00	27.75 0.00 0.00	22.08 -0.02 0.00	21.27 -0.04 0.00
WESTERN_NY_WIND 24143	15.19 -1.02 0.00	13.93 -0.97 0.00	9.64 -0.66 0.00	10.90 -0.68 0.00	11.25 -0.67 0.00	12.48 -0.57 0.00	16.89 -0.55 0.00	17.29 -0.83 0.00	15.23 -0.83 0.00	16.69 -0.83 0.00	21.18 -1.10 0.00	21.77 -1.03 0.00	22.13 -1.10 0.00	21.69 -1.18 0.00	21.72 -1.11 0.00	20.38 -1.13 0.00	23.84 -1.33 0.00	27.12 -1.55 0.00	27.52 -1.45 0.00	29.96 -1.70 0.00	24.40 -1.45 0.00	26.07 -1.69 0.00	21.02 -1.09 0.00	20.54 -0.76 0.00
WESTOVER___LESR 323668	15.99 -0.22 0.00	14.69 -0.21 0.00	10.17 -0.13 0.00	11.42 -0.15 0.00	11.78 -0.14 0.00	12.94 -0.11 0.00	17.40 -0.05 0.00	18.06 -0.06 0.00	15.95 -0.11 0.00	17.40 -0.12 0.00	22.09 -0.19 0.00	22.66 -0.15 0.00	23.04 -0.19 0.00	22.67 -0.20 0.00	22.63 -0.20 0.00	21.31 -0.20 0.00	24.93 -0.24 0.00	28.42 -0.25 0.00	28.77 -0.20 0.00	31.38 -0.28 0.00	25.57 -0.28 0.00	27.43 -0.32 0.00	21.88 -0.22 0.00	21.09 -0.21 0.00
WETHRSFD_WT_PWR 323626	14.74 -1.47 0.00	13.52 -1.38 0.00	9.38 -0.91 0.00	10.60 -0.98 0.00	10.94 -0.98 0.00	12.14 -0.91 0.00	16.45 -0.99 0.00	16.92 -1.20 0.00	14.88 -1.17 0.00	16.31 -1.21 0.00	20.76 -1.52 0.00	21.35 -1.46 0.00	21.65 -1.58 0.00	21.16 -1.71 0.00	21.22 -1.61 0.00	19.90 -1.61 0.00	23.25 -1.92 0.00	26.51 -2.16 0.00	26.90 -2.07 0.00	29.29 -2.37 0.00	23.87 -1.98 0.00	25.62 -2.13 0.00	20.67 -1.43 0.00	20.15 -1.15 0.00
WHAVSTOR_138KV_BK127 55557	16.83 0.62 0.00	15.44 0.54 0.00	10.69 0.39 0.00	11.99 0.41 0.00	12.33 0.41 0.00	13.51 0.46 0.00	18.07 0.62 0.00	18.85 0.73 0.00	16.71 0.65 0.00	18.20 0.68 0.00	23.21 0.93 0.00	23.76 0.95 0.00	24.22 1.00 0.00	23.87 1.00 0.00	23.71 0.88 0.00	22.32 0.80 0.00	26.18 1.01 0.00	29.82 1.15 0.00	30.12 1.14 0.00	32.91 1.25 0.00	26.84 0.99 0.00	28.70 0.95 0.00	22.74 0.64 0.00	21.82 0.51 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	16.83 0.62 0.00	15.44 0.54 0.00	10.69 0.39 0.00	11.99 0.41 0.00	12.33 0.41 0.00	13.51 0.46 0.00	18.07 0.62 0.00	18.85 0.73 0.00	16.71 0.65 0.00	18.20 0.68 0.00	23.21 0.93 0.00	23.76 0.95 0.00	24.22 1.00 0.00	23.87 1.00 0.00	23.71 0.88 0.00	22.32 0.80 0.00	26.18 1.01 0.00	29.82 1.15 0.00	30.12 1.14 0.00	32.91 1.25 0.00	26.84 0.99 0.00	28.70 0.95 0.00	22.74 0.64 0.00	21.82 0.51 0.00
WHITEHAL_115KV_TB1 80871	17.20 0.99 0.00	15.79 0.89 0.00	10.87 0.57 0.00	12.22 0.63 0.00	12.61 0.69 0.00	13.93 0.88 0.00	18.65 1.21 0.00	19.61 1.48 0.00	17.55 1.49 0.00	19.13 1.60 0.00	24.27 1.99 0.00	24.61 1.80 0.00	24.93 1.70 0.00	24.57 1.70 0.00	24.63 1.80 0.00	23.32 1.81 0.00	27.74 2.56 0.00	31.59 2.92 0.00	31.66 2.69 0.00	34.56 2.90 0.00	27.79 1.94 0.00	29.73 1.98 0.00	23.41 1.31 0.00	22.35 1.04 0.00

WHITEPLN_13_KV_LOAD 356215	17.03 0.82 0.00	15.62 0.72 0.00	10.81 0.51 0.00	12.13 0.55 0.00	12.47 0.55 0.00	13.66 0.61 0.00	18.28 0.83 0.00	19.08 0.96 0.00	16.94 0.88 0.00	18.48 0.96 0.00	23.58 1.30 0.00	24.13 1.32 0.00	24.60 1.37 0.00	24.24 1.37 0.00	24.09 1.26 0.00	22.67 1.15 0.00	26.60 1.43 0.00	30.31 1.64 0.00	30.57 1.59 0.00	33.38 1.72 0.00	27.21 1.36 0.00	29.07 1.32 0.00	23.03 0.93 0.00	22.09 0.78 0.00
WM_FLOYD_69_KV_BK2 356380	17.77 1.49 -0.07	17.21 1.30 -1.01	11.42 0.90 -0.22	12.79 1.00 -0.21	12.91 0.99 0.00	14.13 1.08 0.00	18.92 1.48 0.00	19.64 1.52 0.00	29.25 1.45 -11.74	21.90 1.62 -2.76	26.18 1.89 -2.02	34.19 1.94 -9.44	25.26 2.04 0.00	24.91 2.03 0.00	24.59 1.76 0.00	22.79 1.28 0.00	26.78 1.61 0.00	30.65 1.98 0.00	30.77 1.79 0.00	33.61 1.95 0.00	27.46 1.61 0.00	29.50 1.75 0.00	23.39 1.29 0.00	22.42 1.11 0.00
WOODARD__115KV_TB2 355635	15.84 -0.37 0.00	14.55 -0.34 0.00	10.06 -0.23 0.00	11.32 -0.26 0.00	11.66 -0.26 0.00	12.79 -0.27 0.00	17.12 -0.32 0.00	17.75 -0.37 0.00	15.72 -0.34 0.00	17.16 -0.36 0.00	21.77 -0.51 0.00	22.28 -0.53 0.00	22.69 -0.54 0.00	22.34 -0.53 0.00	22.30 -0.53 0.00	21.05 -0.46 0.00	24.61 -0.56 0.00	28.00 -0.67 0.00	28.30 -0.68 0.00	30.87 -0.79 0.00	25.20 -0.66 0.00	27.11 -0.64 0.00	21.65 -0.45 0.00	20.91 -0.39 0.00
YORK___WARBASSE 23770	17.11 0.90 0.00	15.68 0.78 0.00	10.85 0.56 0.00	12.17 0.59 0.00	12.51 0.59 0.00	13.70 0.64 0.00	18.31 0.87 0.00	19.11 0.99 0.00	16.95 0.90 0.00	18.48 0.96 0.00	23.61 1.33 0.00	24.15 1.34 0.00	72.55 1.41 -47.91	46.48 1.42 -22.19	54.63 1.29 -30.51	97.14 1.18 -74.45	34.67 1.43 -8.07	159.00 1.60 -128.74	38.94 1.61 -8.36	89.17 1.74 -55.77	60.63 1.38 -33.40	118.83 1.35 -89.73	23.09 0.96 -0.02	22.17 0.86 0.00