

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

### --- Marginal Cost of Congestion

## Generator Data

06/14/2023

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	19.39	17.30	16.82	15.94	15.44	14.82	17.83	21.15	20.28	21.74	22.23	22.79	23.87	22.91	25.13	27.99	62.41	26.81	25.10	25.62	24.31	24.43	21.40	21.45
24138	0.96	0.81	0.70	0.66	0.65	0.66	0.80	1.12	1.19	1.43	1.49	1.62	1.90	1.85	1.76	1.69	4.54	1.99	1.86	1.74	1.62	1.55	1.30	1.24
	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	-3.17	-6.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	19.44	17.34	16.86	15.98	15.48	14.85	17.86	21.17	20.30	21.76	22.25	22.79	23.87	22.90	25.14	28.00	62.41	26.82	25.11	25.64	24.35	24.47	21.44	21.49
24260	1.00	0.84	0.74	0.70	0.69	0.69	0.83	1.14	1.21	1.44	1.51	1.63	1.90	1.84	1.77	1.70	4.54	2.01	1.87	1.76	1.66	1.60	1.34	1.27
	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	-3.17	-6.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	19.44	17.34	16.86	15.98	15.48	14.85	17.86	21.17	20.30	21.76	22.25	22.79	23.87	22.90	25.14	28.00	62.41	26.82	25.11	25.64	24.35	24.47	21.44	21.49
24261	1.00	0.84	0.74	0.70	0.69	0.69	0.83	1.14	1.21	1.44	1.51	1.63	1.90	1.84	1.77	1.70	4.54	2.01	1.87	1.76	1.66	1.60	1.34	1.27
	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	-3.17	-6.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	19.59	17.48	17.03	16.15	15.65	15.03	18.13	21.41	20.38	21.65	22.07	22.50	23.52	22.55	22.36	22.58	61.92	26.53	24.92	25.43	24.27	24.31	21.63	21.76
24011	1.15	0.99	0.91	0.87	0.86	0.87	1.11	1.38	1.29	1.33	1.34	1.34	1.56	1.48	1.42	1.41	4.04	1.72	1.67	1.55	1.58	1.43	1.54	1.55
	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	-0.74	-1.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	19.72	17.59	17.13	16.25	15.76	15.15	18.29	21.59	20.53	21.80	22.21	22.63	23.65	22.66	22.47	22.75	62.47	26.74	25.12	25.58	24.42	24.46	21.75	21.89
23798	1.28	1.09	1.01	0.97	0.96	0.99	1.27	1.56	1.44	1.48	1.48	1.47	1.69	1.60	1.53	1.59	4.59	1.93	1.87	1.69	1.73	1.59	1.66	1.68
	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	-0.73	-1.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	19.59	17.48	17.03	16.15	15.65	15.03	18.13	21.41	20.38	21.65	22.07	22.50	23.52	22.55	22.36	22.58	61.92	26.53	24.92	25.43	24.27	24.31	21.63	21.76
24028	1.15	0.99	0.91	0.87	0.86	0.87	1.11	1.38	1.29	1.33	1.34	1.34	1.56	1.48	1.42	1.41	4.04	1.72	1.67	1.55	1.58	1.43	1.54	1.55
	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	-0.74	-1.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	19.57	17.50	17.06	16.17	15.66	14.98	17.94	21.16	20.10	21.38	21.75	22.26	23.19	22.23	22.32	22.61	60.92	26.16	24.50	25.29	24.03	24.17	21.22	21.32
23527	1.14	1.01	0.94	0.89	0.86	0.82	0.91	1.13	1.01	1.06	1.02	1.10	1.22	1.17	1.19	1.05	3.04	1.35	1.25	1.40	1.34	1.30	1.13	1.11
	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	-0.93	-1.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	18.72	16.83	16.43	15.59	15.08	14.38	17.24	20.28	19.34	20.59	21.00	21.49	22.41	21.51	21.41	21.63	58.90	25.27	23.70	24.33	23.12	23.25	20.40	20.48
24190	0.28	0.33	0.31	0.31	0.28	0.22	0.21	0.25	0.25	0.28	0.27	0.32	0.44	0.44	0.45	0.44	1.02	0.46	0.45	0.45	0.43	0.37	0.31	0.27
	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	-0.75	-1.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	18.46	16.52	16.18	15.33	14.83	14.16	17.07	20.01	19.00	20.25	20.67	21.06	21.76	20.87	20.02	19.47	57.53	24.68	23.06	23.68	22.48	22.72	20.01	20.12
355683	0.03	0.02	0.06	0.05	0.04	0.01	0.05	-0.02	-0.09	-0.06	-0.06	-0.10	-0.21	-0.19	-0.18	-0.11	-0.35	-0.14	-0.19	-0.20	-0.21	-0.15	-0.07	-0.09
	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	18.72	16.83	16.43	15.59	15.08	14.38	17.24	20.28	19.34	20.59	21.00	21.49	22.41	21.51	21.41	21.63	58.90	25.27	23.70	24.33	23.12	23.25	20.40	20.48
23571	0.28	0.33	0.31	0.31	0.28	0.22	0.21	0.25	0.25	0.28	0.27	0.32	0.44	0.44	0.45	0.44	1.02	0.46	0.45	0.45	0.43	0.37	0.31	0.27
	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	-0.75	-1.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___2	18.72	16.83	16.43	15.59	15.08	14.38	17.24	20.28	19.34	20.59	21.00	21.49	22.41	21.51	21.41	21.63	58.90	25.27	23.70	24.33	23.12	23.25	20.40	20.48
23572	0.28	0.33	0.31	0.31	0.28	0.22	0.21	0.25	0.25	0.28	0.27	0.32	0.44	0.44	0.45	0.44	1.02	0.46	0.45	0.45	0.43	0.37	0.31	0.27
	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	-0.75	-1.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___3	18.72	16.83	16.43	15.59	15.08	14.38	17.24	20.28	19.34	20.59	21.00	21.49	22.41	21.51	21.41	21.63	58.90	25.27	23.70	24.33	23.12	23.25	20.40	20.48
23573	0.28	0.33	0.31	0.31	0.28	0.22	0.21	0.25	0.25	0.28	0.27	0.32	0.44	0.44	0.45	0.44	1.02	0.46	0.45	0.45	0.43	0.37	0.31	0.27
	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	-0.75	-1.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___4 23574	18.72 0.28 0.00	16.83 0.33 0.00	16.43 0.31 0.00	15.59 0.31 0.00	15.08 0.28 0.00	14.38 0.22 0.00	17.24 0.21 0.00	20.28 0.25 0.00	19.34 0.25 0.00	20.59 0.28 0.00	21.00 0.27 0.00	21.49 0.32 0.00	22.41 0.44 0.00	21.51 0.44 0.00	21.41 0.45 -0.75	21.63 0.44 -1.61	58.90 1.02 0.00	25.27 0.46 0.00	23.70 0.45 0.00	24.33 0.45 0.00	23.12 0.43 0.00	23.25 0.37 0.00	20.40 0.31 0.00	20.48 0.27 0.00
ALBANY___LFGE 323615	18.90 0.46 0.00	16.97 0.48 0.00	16.57 0.44 0.00	15.71 0.43 0.00	15.20 0.40 0.00	14.51 0.35 0.00	17.39 0.37 0.00	20.47 0.44 0.00	19.54 0.44 0.00	20.81 0.49 0.00	21.22 0.49 0.00	21.72 0.56 0.00	22.67 0.70 0.00	21.75 0.69 0.00	21.63 0.68 -0.75	21.83 0.64 -1.60	59.51 1.63 0.00	25.52 0.71 0.00	23.94 0.69 0.00	24.57 0.69 0.00	23.35 0.65 0.00	23.48 0.60 0.00	20.60 0.51 0.00	20.68 0.46 0.00
ALCOA_PA_115KV_PL-6C 55860	18.59 0.15 0.00	16.63 0.13 0.00	16.28 0.16 0.00	15.42 0.14 0.00	14.93 0.13 0.00	14.26 0.10 0.00	17.19 0.17 0.00	20.15 0.12 0.00	19.09 0.00 0.00	20.37 0.05 0.00	20.78 0.04 0.00	21.18 0.02 0.00	21.88 -0.09 0.00	20.99 -0.07 0.00	20.13 -0.08 0.00	19.58 0.00 0.00	57.87 0.00 0.00	24.82 0.01 0.00	23.20 -0.05 0.00	23.83 -0.06 0.00	22.62 -0.07 0.00	22.86 -0.01 0.00	20.13 0.04 0.00	20.24 0.03 0.00
ALCOA_RYNLDS___DRP 24188	18.59 0.15 0.00	16.63 0.13 0.00	16.28 0.16 0.00	15.42 0.14 0.00	14.93 0.13 0.00	14.26 0.10 0.00	17.19 0.17 0.00	20.15 0.12 0.00	19.09 0.00 0.00	20.37 0.05 0.00	20.78 0.04 0.00	21.18 0.02 0.00	21.88 -0.09 0.00	20.99 -0.07 0.00	20.13 -0.08 0.00	19.58 0.00 0.00	57.87 0.00 0.00	24.82 0.01 0.00	23.20 -0.05 0.00	23.83 -0.06 0.00	22.62 -0.07 0.00	22.86 -0.01 0.00	20.13 0.04 0.00	20.24 0.03 0.00
ALCOA___DSASP 323711	18.59 0.15 0.00	16.63 0.13 0.00	16.28 0.16 0.00	15.42 0.14 0.00	14.93 0.13 0.00	14.26 0.10 0.00	17.19 0.16 0.00	20.15 0.12 0.00	19.09 0.00 0.00	20.37 0.05 0.00	20.78 0.04 0.00	21.18 0.02 0.00	21.88 -0.09 0.00	20.99 -0.07 0.00	20.13 -0.08 0.00	19.58 0.00 0.00	57.87 0.00 0.00	24.82 0.01 0.00	23.20 -0.05 0.00	23.83 -0.06 0.00	22.62 -0.07 0.00	22.86 -0.01 0.00	20.13 0.04 0.00	20.24 0.03 0.00
ALLEGHENY___COGEN 23514	18.97 0.54 0.00	17.05 0.56 0.00	16.60 0.48 0.00	15.76 0.48 0.00	15.31 0.52 0.00	14.82 0.66 0.00	17.87 0.85 0.00	20.93 0.90 0.00	20.04 0.94 0.00	21.31 0.99 0.00	21.67 0.94 0.00	21.83 0.67 0.00	22.45 0.48 0.00	21.31 0.25 0.00	20.28 0.07 0.00	19.59 0.00 33.78	24.43 0.33 0.00	24.67 -0.15 0.00	23.32 0.07 0.00	24.33 0.45 0.00	23.18 0.50 0.00	23.43 0.56 0.00	20.53 0.44 0.00	21.05 0.84 0.00
ALTAMONT_115KV_TB 2 55880	18.95 0.51 0.00	16.96 0.47 0.00	16.55 0.43 0.00	15.68 0.41 0.00	15.18 0.39 0.00	14.52 0.36 0.00	17.44 0.41 0.00	20.55 0.52 0.00	19.59 0.50 0.00	20.87 0.55 0.00	21.29 0.55 0.00	21.77 0.61 0.00	22.72 0.75 0.00	21.79 0.73 0.00	21.62 0.71 -0.70	21.77 0.67 -1.51	59.66 1.79 0.00	25.58 0.77 0.00	23.99 0.75 0.00	24.63 0.75 0.00	23.41 0.72 0.00	23.55 0.67 0.00	20.67 0.58 0.00	20.77 0.55 0.00
ALTONA_WT_PWR 323606	19.12 0.69 0.00	17.08 0.58 0.00	16.66 0.54 0.00	15.75 0.47 0.00	15.21 0.42 0.00	14.53 0.37 0.00	17.53 0.50 0.00	20.52 0.49 0.00	19.38 0.29 0.00	20.60 0.29 0.00	20.92 0.18 0.00	21.29 0.13 0.00	22.08 0.11 0.00	21.15 0.08 0.00	20.29 0.08 0.00	20.00 0.42 0.00	59.95 2.07 0.00	25.73 0.92 0.00	24.03 0.78 0.00	24.51 0.63 0.00	23.15 0.46 0.00	23.58 0.70 0.00	20.82 0.73 0.00	20.94 0.73 0.00
AMERICAN_REF_FUEL 24010	17.89 -0.55 0.00	16.09 -0.41 0.00	15.67 -0.45 0.00	14.88 -0.40 0.00	14.41 -0.38 0.00	13.96 -0.20 0.00	16.72 -0.31 0.00	19.36 -0.67 0.00	18.58 -0.51 0.00	19.80 -0.52 0.00	20.20 -0.53 0.00	20.40 -0.76 0.00	21.08 -0.89 0.00	20.12 -0.95 0.00	19.31 -0.90 0.00	18.64 -0.94 0.00	16.24 -2.54 39.10	23.39 -1.42 0.00	21.79 -1.46 0.00	22.62 -1.26 0.00	21.47 -1.22 0.00	21.70 -1.17 0.00	19.15 -0.94 0.00	19.79 -0.42 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	18.26 -0.18 0.00	16.49 -0.01 0.00	16.07 -0.05 0.00	15.36 0.08 0.00	14.96 0.17 0.00	14.51 0.35 0.00	17.51 0.48 0.00	20.62 0.59 0.00	19.76 0.66 0.00	21.13 0.82 0.00	21.41 0.67 0.00	21.51 0.35 0.00	22.37 0.40 0.00	21.37 0.31 0.00	20.28 0.07 0.00	19.29 -0.29 0.00	22.33 -0.81 34.73	24.07 -0.74 0.00	22.55 -0.70 0.00	23.54 -0.34 0.00	22.34 -0.35 0.00	22.68 -0.19 0.00	19.92 -0.17 0.00	20.59 0.37 0.00
ARTHUR_KILL_GT_1 23520	19.35 0.91 0.00	17.25 0.75 0.00	16.77 0.65 0.00	15.88 0.60 0.00	15.38 0.59 0.00	14.77 0.61 0.00	17.73 0.70 0.00	20.96 0.93 0.00	-95.72 0.97 115.79	21.47 1.16 0.00	21.95 1.22 0.01	22.48 1.32 0.01	23.57 1.61 0.00	22.67 1.60 0.00	24.93 1.56 -3.17	27.79 1.49 -6.71	61.34 3.75 0.29	26.63 1.82 0.00	24.99 1.74 0.00	25.51 1.63 0.00	24.24 1.55 0.00	24.35 1.48 0.00	21.33 1.24 0.00	21.36 1.15 0.00
ARTHUR_KILL_2 23512	19.30 0.86 0.00	17.20 0.71 0.00	16.73 0.61 0.00	15.84 0.56 0.00	15.35 0.55 0.00	14.73 0.57 0.00	17.68 0.66 0.00	20.91 0.88 0.00	-95.78 0.92 115.79	21.41 1.10 0.00	21.89 1.16 0.01	22.41 1.26 0.01	23.51 1.54 0.00	22.60 1.54 0.00	24.87 1.50 -3.17	27.73 1.44 -6.71	61.17 3.58 0.29	26.56 1.74 0.00	24.92 1.67 0.00	25.44 1.56 0.00	24.16 1.48 0.00	24.28 1.41 0.00	21.27 1.18 0.00	21.31 1.10 0.00
ARTHUR_KILL_3 23513	19.23 0.80 0.00	17.14 0.65 0.00	16.67 0.55 0.00	15.80 0.52 0.00	15.30 0.51 0.00	14.66 0.50 0.00	17.59 0.56 0.00	20.85 0.82 0.00	-95.81 0.89 115.80	21.42 1.11 0.00	21.91 1.18 0.00	22.47 1.30 0.00	23.54 1.57 0.00	22.59 1.53 0.00	24.86 1.49 -3.17	27.75 1.45 -6.72	61.67 3.80 0.00	26.53 1.71 0.00	24.84 1.60 0.00	25.35 1.47 0.00	24.08 1.39 0.00	24.21 1.34 0.00	21.20 1.11 0.00	21.25 1.04 0.00
ARTHUR_KILL_COGEN 323718	19.35 0.91 0.00	17.25 0.75 0.00	16.77 0.65 0.00	15.88 0.60 0.00	15.38 0.59 0.00	14.77 0.61 0.00	17.73 0.70 0.00	20.96 0.93 0.00	-95.72 0.97 115.79	21.47 1.16 0.00	21.95 1.22 0.01	22.48 1.32 0.01	23.57 1.61 0.00	22.67 1.60 0.00	24.93 1.56 -3.17	27.79 1.49 -6.71	61.34 3.75 0.29	26.63 1.82 0.00	24.99 1.74 0.00	25.51 1.63 0.00	24.24 1.55 0.00	24.35 1.48 0.00	21.33 1.24 0.00	21.36 1.15 0.00
ASHOKAN____ 23654	19.00 0.56 0.00	16.97 0.48 0.00	16.54 0.42 0.00	15.67 0.39 0.00	15.15 0.36 0.00	14.51 0.35 0.00	17.45 0.42 0.00	20.59 0.56 0.00	19.68 0.59 0.00	20.95 0.63 0.00	21.41 0.68 0.00	21.97 0.80 0.00	23.01 1.05 0.00	22.15 1.09 0.00	21.37 0.86 -0.30	21.07 0.84 -0.65	60.01 2.13 0.00	25.71 0.90 0.00	24.22 0.97 0.00	24.89 1.01 0.00	23.67 0.98 0.00	23.76 0.89 0.00	20.79 0.70 0.00	20.85 0.63 0.00

ASTORIA_EAST_ENERGY_CC1 323581	19.33 0.89 0.00	17.21 0.71 0.00	16.74 0.62 0.00	15.86 0.58 0.00	15.37 0.57 0.00	14.74 0.58 0.00	17.71 0.68 0.00	20.95 0.92 0.00	20.12 1.03 0.00	21.52 1.20 0.00	21.99 1.26 0.00	22.53 1.37 0.00	23.60 1.63 0.00	22.67 1.61 0.00	24.88 1.51 -3.17	27.76 1.46 -6.71	61.46 3.59 0.00	26.49 1.68 0.00	24.84 1.59 0.00	25.38 1.50 0.00	24.12 1.43 0.00	24.24 1.37 0.00	21.24 1.15 0.00	21.27 1.06 0.00
ASTORIA_EAST_ENERGY_CC2 323582	19.33 0.89 0.00	17.21 0.71 0.00	16.74 0.62 0.00	15.86 0.58 0.00	15.37 0.57 0.00	14.74 0.58 0.00	17.71 0.68 0.00	20.95 0.92 0.00	20.12 1.03 0.00	21.52 1.20 0.00	21.99 1.26 0.00	22.53 1.37 0.00	23.60 1.63 0.00	22.67 1.61 0.00	24.88 1.51 -3.17	27.76 1.46 -6.71	61.47 3.59 0.00	26.49 1.68 0.00	24.84 1.59 0.00	25.38 1.50 0.00	24.12 1.43 0.00	24.24 1.37 0.00	21.24 1.15 0.00	21.27 1.06 0.00
ASTORIA_GT2_1 24094	19.34 0.90 0.00	17.21 0.72 0.00	16.74 0.62 0.00	15.87 0.59 0.00	15.37 0.58 0.00	14.74 0.58 0.00	17.71 0.69 0.00	20.96 0.93 0.00	20.12 1.03 0.00	21.53 1.22 0.00	22.01 1.28 0.00	22.55 1.38 0.00	23.61 1.64 0.00	22.68 1.62 0.00	24.90 1.53 -3.17	27.77 1.47 -6.71	61.51 3.63 0.00	26.50 1.69 0.00	24.86 1.61 0.00	25.39 1.51 0.00	24.13 1.45 0.00	24.25 1.38 0.00	21.26 1.17 0.00	21.28 1.07 0.00
ASTORIA_GT2_2 24095	19.34 0.90 0.00	17.21 0.72 0.00	16.74 0.62 0.00	15.87 0.59 0.00	15.37 0.58 0.00	14.74 0.58 0.00	17.71 0.69 0.00	20.96 0.93 0.00	20.12 1.03 0.00	21.53 1.22 0.00	22.01 1.28 0.00	22.55 1.38 0.00	23.61 1.64 0.00	22.68 1.62 0.00	24.90 1.53 -3.17	27.77 1.47 -6.71	61.51 3.63 0.00	26.50 1.69 0.00	24.86 1.61 0.00	25.39 1.51 0.00	24.13 1.45 0.00	24.25 1.38 0.00	21.26 1.17 0.00	21.28 1.07 0.00
ASTORIA_GT2_3 24096	19.34 0.90 0.00	17.21 0.72 0.00	16.74 0.62 0.00	15.87 0.59 0.00	15.37 0.58 0.00	14.74 0.58 0.00	17.71 0.69 0.00	20.96 0.93 0.00	20.12 1.03 0.00	21.53 1.22 0.00	22.01 1.28 0.00	22.55 1.38 0.00	23.61 1.64 0.00	22.68 1.62 0.00	24.90 1.53 -3.17	27.77 1.47 -6.71	61.51 3.63 0.00	26.50 1.69 0.00	24.86 1.61 0.00	25.39 1.51 0.00	24.13 1.45 0.00	24.25 1.38 0.00	21.26 1.17 0.00	21.28 1.07 0.00
ASTORIA_GT2_4 24097	19.34 0.90 0.00	17.21 0.72 0.00	16.74 0.62 0.00	15.87 0.59 0.00	15.37 0.58 0.00	14.74 0.58 0.00	17.71 0.69 0.00	20.96 0.93 0.00	20.12 1.03 0.00	21.53 1.22 0.00	22.01 1.28 0.00	22.55 1.38 0.00	23.61 1.64 0.00	22.68 1.62 0.00	24.90 1.53 -3.17	27.77 1.47 -6.71	61.51 3.63 0.00	26.50 1.69 0.00	24.86 1.61 0.00	25.39 1.51 0.00	24.13 1.45 0.00	24.25 1.38 0.00	21.26 1.17 0.00	21.28 1.07 0.00
ASTORIA_GT3_1 24098	19.34 0.90 0.00	17.21 0.72 0.00	16.74 0.62 0.00	15.87 0.59 0.00	15.37 0.58 0.00	14.74 0.58 0.00	17.71 0.69 0.00	20.96 0.93 0.00	20.12 1.03 0.00	21.53 1.22 0.00	22.01 1.28 0.00	22.55 1.38 0.00	23.61 1.64 0.00	22.68 1.62 0.00	24.90 1.53 -3.17	27.77 1.47 -6.71	61.51 3.63 0.00	26.50 1.69 0.00	24.86 1.61 0.00	25.39 1.51 0.00	24.13 1.45 0.00	24.25 1.38 0.00	21.26 1.17 0.00	21.28 1.07 0.00
ASTORIA_GT3_2 24099	19.34 0.90 0.00	17.21 0.72 0.00	16.74 0.62 0.00	15.87 0.59 0.00	15.37 0.58 0.00	14.74 0.58 0.00	17.71 0.69 0.00	20.96 0.93 0.00	20.12 1.03 0.00	21.53 1.22 0.00	22.01 1.28 0.00	22.55 1.38 0.00	23.61 1.64 0.00	22.68 1.62 0.00	24.90 1.53 -3.17	27.77 1.47 -6.71	61.51 3.63 0.00	26.50 1.69 0.00	24.86 1.61 0.00	25.39 1.51 0.00	24.13 1.45 0.00	24.25 1.38 0.00	21.26 1.17 0.00	21.28 1.07 0.00
ASTORIA_GT3_3 24100	19.34 0.90 0.00	17.21 0.72 0.00	16.74 0.62 0.00	15.87 0.59 0.00	15.37 0.58 0.00	14.74 0.58 0.00	17.71 0.69 0.00	20.96 0.93 0.00	20.12 1.03 0.00	21.53 1.22 0.00	22.01 1.28 0.00	22.55 1.38 0.00	23.61 1.64 0.00	22.68 1.62 0.00	24.90 1.53 -3.17	27.77 1.47 -6.71	61.51 3.63 0.00	26.50 1.69 0.00	24.86 1.61 0.00	25.39 1.51 0.00	24.13 1.45 0.00	24.25 1.38 0.00	21.26 1.17 0.00	21.28 1.07 0.00
ASTORIA_GT3_4 24101	19.34 0.90 0.00	17.21 0.72 0.00	16.74 0.62 0.00	15.87 0.59 0.00	15.37 0.58 0.00	14.74 0.58 0.00	17.71 0.69 0.00	20.96 0.93 0.00	20.12 1.03 0.00	21.53 1.22 0.00	22.01 1.28 0.00	22.55 1.38 0.00	23.61 1.64 0.00	22.68 1.62 0.00	24.90 1.53 -3.17	27.77 1.47 -6.71	61.51 3.63 0.00	26.50 1.69 0.00	24.86 1.61 0.00	25.39 1.51 0.00	24.13 1.45 0.00	24.25 1.38 0.00	21.26 1.17 0.00	21.28 1.07 0.00
ASTORIA_GT4_1 24102	19.34 0.90 0.00	17.21 0.72 0.00	16.74 0.62 0.00	15.87 0.59 0.00	15.37 0.58 0.00	14.74 0.58 0.00	17.71 0.69 0.00	20.96 0.93 0.00	20.12 1.03 0.00	21.53 1.22 0.00	22.01 1.28 0.00	22.55 1.38 0.00	23.61 1.64 0.00	22.68 1.62 0.00	24.90 1.53 -3.17	27.77 1.47 -6.71	61.51 3.63 0.00	26.50 1.69 0.00	24.86 1.61 0.00	25.39 1.51 0.00	24.13 1.45 0.00	24.25 1.38 0.00	21.26 1.17 0.00	21.28 1.07 0.00
ASTORIA_GT4_2 24103	19.34 0.90 0.00	17.21 0.72 0.00	16.74 0.62 0.00	15.87 0.59 0.00	15.37 0.58 0.00	14.74 0.58 0.00	17.71 0.69 0.00	20.96 0.93 0.00	20.12 1.03 0.00	21.53 1.22 0.00	22.01 1.28 0.00	22.55 1.38 0.00	23.61 1.64 0.00	22.68 1.62 0.00	24.90 1.53 -3.17	27.77 1.47 -6.71	61.51 3.63 0.00	26.50 1.69 0.00	24.86 1.61 0.00	25.39 1.51 0.00	24.13 1.45 0.00	24.25 1.38 0.00	21.26 1.17 0.00	21.28 1.07 0.00
ASTORIA_GT4_3 24104	19.34 0.90 0.00	17.21 0.72 0.00	16.74 0.62 0.00	15.87 0.59 0.00	15.37 0.58 0.00	14.74 0.58 0.00	17.71 0.69 0.00	20.96 0.93 0.00	20.12 1.03 0.00	21.53 1.22 0.00	22.01 1.28 0.00	22.55 1.38 0.00	23.61 1.64 0.00	22.68 1.62 0.00	24.90 1.53 -3.17	27.77 1.47 -6.71	61.51 3.63 0.00	26.50 1.69 0.00	24.86 1.61 0.00	25.39 1.51 0.00	24.13 1.45 0.00	24.25 1.38 0.00	21.26 1.17 0.00	21.28 1.07 0.00
ASTORIA_GT4_4 24105	19.34 0.90 0.00	17.21 0.72 0.00	16.74 0.62 0.00	15.87 0.59 0.00	15.37 0.58 0.00	14.74 0.58 0.00	17.71 0.69 0.00	20.96 0.93 0.00	20.12 1.03 0.00	21.53 1.22 0.00	22.01 1.28 0.00	22.55 1.38 0.00	23.61 1.64 0.00	22.68 1.62 0.00	24.90 1.53 -3.17	27.77 1.47 -6.71	61.51 3.63 0.00	26.50 1.69 0.00	24.86 1.61 0.00	25.39 1.51 0.00	24.13 1.45 0.00	24.25 1.38 0.00	21.26 1.17 0.00	21.28 1.07 0.00
ASTORIA_GT_1 23523	19.37 0.93 0.00	17.24 0.74 0.00	16.77 0.65 0.00	15.89 0.61 0.00	15.39 0.60 0.00	14.77 0.61 0.00	17.74 0.72 0.00	21.00 0.97 0.00	20.17 1.08 0.00	21.58 1.26 0.00	22.05 1.32 0.00	22.60 1.43 0.00	23.66 1.70 0.00	22.73 1.67 0.00	24.94 1.57 -3.17	27.81 1.51 -6.71	61.64 3.76 0.00	26.56 1.75 0.00	24.90 1.66 0.00	25.44 1.56 0.00	24.18 1.49 0.00	24.30 1.43 0.00	21.30 1.21 0.00	21.31 1.10 0.00

ASTORIA_GT_10 24110	19.30 0.86 0.00	17.21 0.72 0.00	16.73 0.62 0.00	15.87 0.59 0.00	15.37 0.57 0.00	14.75 0.59 0.00	17.72 0.69 0.00	20.98 0.95 0.00	20.12 1.03 0.00	21.55 1.23 0.00	22.05 1.31 0.00	22.58 1.41 0.00	23.63 1.67 0.00	22.69 1.63 0.00	24.94 1.57 -3.17	27.80 1.50 -6.71	61.75 3.88 0.00	26.57 1.76 0.00	24.90 1.65 0.00	25.42 1.54 0.00	24.14 1.46 0.00	24.26 1.39 0.00	21.26 1.17 0.00	21.32 1.11 0.00
ASTORIA_GT_11 24225	19.30 0.86 0.00	17.21 0.72 0.00	16.73 0.62 0.00	15.87 0.59 0.00	15.37 0.57 0.00	14.75 0.59 0.00	17.72 0.69 0.00	20.98 0.95 0.00	20.12 1.03 0.00	21.55 1.23 0.00	22.05 1.31 0.00	22.58 1.41 0.00	23.63 1.67 0.00	22.69 1.63 0.00	24.94 1.57 -3.17	27.80 1.50 -6.71	61.75 3.88 0.00	26.57 1.76 0.00	24.90 1.65 0.00	25.42 1.54 0.00	24.14 1.46 0.00	24.26 1.39 0.00	21.26 1.17 0.00	21.32 1.11 0.00
ASTORIA_GT_12 24226	19.30 0.86 0.00	17.21 0.72 0.00	16.73 0.62 0.00	15.86 0.59 0.00	15.37 0.57 0.00	14.75 0.59 0.00	17.72 0.69 0.00	20.98 0.95 0.00	20.13 1.04 0.00	21.55 1.23 0.00	22.04 1.30 0.00	22.57 1.41 0.00	23.64 1.67 0.00	22.69 1.63 0.00	24.93 1.56 -3.17	27.79 1.50 -6.71	61.75 3.88 0.00	26.57 1.75 0.00	24.90 1.65 0.00	25.42 1.54 0.00	24.15 1.46 0.00	24.26 1.39 0.00	21.26 1.17 0.00	21.32 1.11 0.00
ASTORIA_GT_13 24227	19.30 0.86 0.00	17.21 0.72 0.00	16.73 0.62 0.00	15.86 0.59 0.00	15.37 0.57 0.00	14.75 0.59 0.00	17.72 0.69 0.00	20.98 0.95 0.00	20.13 1.04 0.00	21.55 1.23 0.00	22.04 1.30 0.00	22.57 1.41 0.00	23.64 1.67 0.00	22.69 1.63 0.00	24.93 1.56 -3.17	27.79 1.50 -6.71	61.75 3.88 0.00	26.57 1.75 0.00	24.90 1.65 0.00	25.42 1.54 0.00	24.15 1.46 0.00	24.26 1.39 0.00	21.26 1.17 0.00	21.32 1.11 0.00
ASTORIA_GT_5 24106	19.37 0.93 0.00	17.24 0.74 0.00	16.77 0.65 0.00	15.89 0.61 0.00	15.39 0.60 0.00	14.77 0.61 0.00	17.74 0.72 0.00	21.00 0.97 0.00	20.17 1.08 0.00	21.58 1.26 0.00	22.05 1.32 0.00	22.60 1.43 0.00	23.66 1.70 0.00	22.73 1.67 0.00	24.94 1.57 -3.17	27.81 1.51 -6.71	61.64 3.76 0.00	26.56 1.75 0.00	24.90 1.66 0.00	25.44 1.56 0.00	24.18 1.49 0.00	24.30 1.43 0.00	21.30 1.21 0.00	21.31 1.10 0.00
ASTORIA_GT_7 24107	19.37 0.93 0.00	17.24 0.74 0.00	16.77 0.65 0.00	15.89 0.61 0.00	15.39 0.60 0.00	14.77 0.61 0.00	17.74 0.72 0.00	21.00 0.97 0.00	20.17 1.08 0.00	21.58 1.26 0.00	22.05 1.32 0.00	22.60 1.43 0.00	23.66 1.70 0.00	22.73 1.67 0.00	24.94 1.57 -3.17	27.81 1.51 -6.71	61.64 3.76 0.00	26.56 1.75 0.00	24.90 1.66 0.00	25.44 1.56 0.00	24.18 1.49 0.00	24.30 1.43 0.00	21.30 1.21 0.00	21.31 1.10 0.00
ASTORIA_GT_8 24108	19.38 0.94 0.00	17.24 0.74 0.00	16.77 0.65 0.00	15.89 0.61 0.00	15.39 0.60 0.00	14.77 0.61 0.00	17.75 0.72 0.00	21.00 0.97 0.00	20.17 1.08 0.00	21.58 1.26 0.00	22.07 1.34 0.00	22.60 1.44 0.00	23.65 1.69 0.00	22.73 1.67 0.00	24.95 1.58 -3.17	27.81 1.51 -6.71	61.63 3.76 0.00	26.56 1.75 0.00	24.90 1.66 0.00	25.44 1.56 0.00	24.18 1.49 0.00	24.30 1.43 0.00	21.30 1.21 0.00	21.31 1.10 0.00
ASTORIA___2 24149	19.34 0.90 0.00	17.21 0.72 0.00	16.74 0.62 0.00	15.87 0.59 0.00	15.37 0.57 0.00	14.74 0.58 0.00	17.71 0.69 0.00	20.96 0.93 0.00	20.12 1.03 0.00	21.53 1.21 0.00	22.01 1.27 0.00	22.54 1.38 0.00	23.61 1.64 0.00	22.68 1.62 0.00	24.90 1.53 -3.17	27.76 1.47 -6.71	61.51 3.63 0.00	26.50 1.69 0.00	24.85 1.61 0.00	25.39 1.51 0.00	24.13 1.45 0.00	24.25 1.38 0.00	21.26 1.17 0.00	21.28 1.07 0.00
ASTORIA___3 23516	19.30 0.86 0.00	17.21 0.72 0.00	16.73 0.62 0.00	15.86 0.58 0.00	15.36 0.57 0.00	14.75 0.59 0.00	17.72 0.69 0.00	20.98 0.95 0.00	20.13 1.04 0.00	21.55 1.23 0.00	22.03 1.30 0.00	22.57 1.41 0.00	23.64 1.67 0.00	22.69 1.63 0.00	24.93 1.56 -3.17	27.79 1.50 -6.71	61.75 3.88 0.00	26.57 1.75 0.00	24.90 1.65 0.00	25.42 1.54 0.00	24.15 1.46 0.00	24.26 1.39 0.00	21.26 1.17 0.00	21.32 1.11 0.00
ASTORIA___4 23517	19.30 0.86 0.00	17.21 0.72 0.00	16.73 0.62 0.00	15.87 0.59 0.00	15.37 0.57 0.00	14.75 0.59 0.00	17.72 0.69 0.00	20.98 0.95 0.00	20.12 1.03 0.00	21.55 1.23 0.00	22.05 1.31 0.00	22.58 1.41 0.00	23.63 1.67 0.00	22.69 1.63 0.00	24.94 1.57 -3.17	27.80 1.50 -6.71	61.75 3.88 0.00	26.57 1.76 0.00	24.90 1.65 0.00	25.42 1.54 0.00	24.14 1.46 0.00	24.26 1.39 0.00	21.26 1.17 0.00	21.32 1.11 0.00
ASTORIA___5 23518	19.30 0.86 0.00	17.21 0.72 0.00	16.73 0.62 0.00	15.86 0.59 0.00	15.37 0.57 0.00	14.75 0.59 0.00	17.72 0.69 0.00	20.98 0.95 0.00	20.13 1.04 0.00	21.55 1.23 0.00	22.04 1.30 0.00	22.57 1.41 0.00	23.64 1.67 0.00	22.69 1.63 0.00	24.93 1.56 -3.17	27.79 1.50 -6.71	61.75 3.88 0.00	26.57 1.75 0.00	24.90 1.65 0.00	25.42 1.54 0.00	24.15 1.46 0.00	24.26 1.39 0.00	21.26 1.17 0.00	21.32 1.11 0.00
AST_ENERGY_2_CC3 323677	19.29 0.85 0.00	17.20 0.71 0.00	16.73 0.61 0.00	15.85 0.57 0.00	15.36 0.57 0.00	14.73 0.57 0.00	17.70 0.67 0.00	20.97 0.94 0.00	20.11 1.02 0.00	21.54 1.22 0.00	22.00 1.26 0.00	22.54 1.38 0.00	23.60 1.64 0.00	22.66 1.60 0.00	24.90 1.53 -3.17	27.78 1.48 -6.72	61.76 3.89 0.00	26.55 1.74 0.00	24.87 1.62 0.00	25.40 1.51 0.00	24.12 1.43 0.00	24.25 1.37 0.00	21.25 1.16 0.00	21.30 1.09 0.00
AST_ENERGY_2_CC4 323678	19.29 0.85 0.00	17.20 0.71 0.00	16.73 0.61 0.00	15.85 0.57 0.00	15.36 0.57 0.00	14.73 0.57 0.00	17.70 0.67 0.00	20.97 0.94 0.00	20.11 1.02 0.00	21.54 1.22 0.00	22.00 1.26 0.00	22.54 1.38 0.00	23.60 1.64 0.00	22.66 1.60 0.00	24.90 1.53 -3.17	27.78 1.48 -6.72	61.76 3.89 0.00	26.55 1.74 0.00	24.87 1.62 0.00	25.40 1.51 0.00	24.12 1.43 0.00	24.25 1.37 0.00	21.25 1.16 0.00	21.30 1.09 0.00
ATHENS_STG_1 23668	19.00 0.56 0.00	16.99 0.49 0.00	16.55 0.43 0.00	15.68 0.40 0.00	15.16 0.37 0.00	14.52 0.36 0.00	17.44 0.42 0.00	20.58 0.55 0.00	19.64 0.55 0.00	20.96 0.64 0.00	21.38 0.65 0.00	21.88 0.72 0.00	22.83 0.86 0.00	21.91 0.84 0.00	21.63 0.82 -0.61	21.68 0.78 -1.31	59.94 2.06 0.00	25.69 0.87 0.00	24.11 0.86 0.00	24.73 0.85 0.00	23.49 0.81 0.00	23.63 0.76 0.00	20.74 0.64 0.00	20.82 0.61 0.00
ATHENS_STG_2 23670	19.00 0.56 0.00	16.99 0.49 0.00	16.55 0.43 0.00	15.68 0.40 0.00	15.16 0.37 0.00	14.52 0.36 0.00	17.44 0.42 0.00	20.58 0.55 0.00	19.64 0.55 0.00	20.96 0.64 0.00	21.38 0.65 0.00	21.88 0.72 0.00	22.83 0.86 0.00	21.91 0.84 0.00	21.63 0.82 -0.61	21.68 0.78 -1.31	59.94 2.06 0.00	25.69 0.87 0.00	24.11 0.86 0.00	24.73 0.85 0.00	23.49 0.81 0.00	23.63 0.76 0.00	20.74 0.64 0.00	20.82 0.61 0.00

ATHENS_STG_3 23677	19.00 0.56 0.00	16.99 0.49 0.00	16.55 0.43 0.00	15.68 0.40 0.00	15.16 0.37 0.00	14.52 0.36 0.00	17.44 0.42 0.00	20.58 0.55 0.00	19.64 0.55 0.00	20.96 0.64 0.00	21.38 0.65 0.00	21.88 0.72 0.00	22.83 0.86 0.00	21.91 0.84 0.00	21.63 0.82 -0.61	21.68 0.78 -1.31	59.94 2.06 0.00	25.69 0.87 0.00	24.11 0.86 0.00	24.73 0.85 0.00	23.49 0.81 0.00	23.63 0.76 0.00	20.74 0.64 0.00	20.82 0.61 0.00
AUBURN____LFG 323710	18.63 0.19 0.00	16.70 0.20 0.00	16.33 0.21 0.00	15.51 0.23 0.00	15.04 0.24 0.00	14.46 0.30 0.00	17.40 0.37 0.00	20.47 0.44 0.00	19.47 0.38 0.00	20.76 0.44 0.00	21.10 0.37 0.00	21.40 0.24 0.00	22.19 0.22 0.00	21.32 0.26 0.00	20.40 0.19 0.00	19.83 0.25 0.00	58.66 0.78 0.00	25.10 0.28 0.00	23.55 0.30 0.00	24.18 0.29 0.00	22.99 0.30 0.00	23.15 0.28 0.00	20.29 0.20 0.00	20.43 0.22 0.00
BABYLON_RES_REC 323704	19.39 0.95 0.00	17.30 0.81 0.00	16.89 0.77 0.00	16.07 0.79 0.00	15.63 0.84 0.00	15.29 0.86 -0.26	20.62 1.06 -2.54	21.27 1.24 0.00	20.16 1.07 0.00	22.22 1.29 -0.61	33.33 1.51 -11.09	109.98 1.61 -87.21	196.10 1.87 -172.27	118.77 1.72 -95.99	46.75 1.77 -24.78	70.90 1.77 -49.54	69.98 4.47 -7.64	36.93 2.02 -10.09	47.59 1.91 -22.43	26.53 1.83 -0.82	24.36 1.67 0.00	24.51 1.64 0.00	21.54 1.45 0.00	21.57 1.36 0.00
BABYLON__69_KV_BK2 356345	19.53 1.10 0.00	17.42 0.92 0.00	17.00 0.88 0.00	16.18 0.90 0.00	15.74 0.94 0.00	15.39 0.97 -0.26	20.75 1.19 -2.54	21.42 1.39 0.00	20.30 1.21 0.00	22.37 1.44 -0.61	33.49 1.67 -11.09	110.16 1.79 -87.21	196.30 2.06 -172.27	118.95 1.90 -95.99	46.92 1.94 -24.78	71.08 1.96 -49.54	70.42 4.91 -7.64	37.14 2.23 -10.09	47.75 2.07 -22.43	26.69 1.98 -0.82	24.50 1.81 0.00	24.66 1.79 0.00	21.68 1.59 0.00	21.73 1.52 0.00
BARON_WINDS____WT_PWR 323822	18.13 -0.31 0.00	16.35 -0.14 0.00	15.92 -0.20 0.00	15.12 -0.16 0.00	14.68 -0.11 0.00	14.19 0.03 0.00	17.07 0.04 0.00	20.13 0.10 0.00	19.28 0.19 0.00	20.62 0.30 0.00	21.06 0.33 0.00	21.40 0.24 0.00	22.20 0.24 0.00	20.96 -0.11 0.00	19.79 -0.41 0.00	19.12 -0.46 0.00	30.92 -1.02 25.94	24.05 -0.77 0.00	22.62 -0.63 0.00	23.43 -0.45 0.00	22.26 -0.43 0.00	22.39 -0.48 0.00	19.66 -0.43 0.00	20.24 0.04 0.00
BARRETT_IC_1 23704	19.35 0.91 0.00	17.27 0.77 0.00	16.83 0.71 0.00	16.00 0.72 0.00	15.56 0.76 0.00	15.20 0.78 -0.26	20.51 0.95 -2.54	21.18 1.15 0.00	20.13 1.04 0.00	22.19 1.26 -0.61	33.28 1.46 -11.09	109.93 1.55 -87.21	196.07 1.83 -172.27	118.80 1.74 -96.00	46.68 1.70 -24.78	70.74 1.62 -49.54	69.68 4.17 -7.64	36.87 1.96 -10.10	47.53 1.84 -22.44	26.47 1.76 -0.83	24.32 1.62 -0.01	24.46 1.58 -0.01	21.46 1.37 0.00	29.02 1.26 -7.54
BARRETT_IC_10 23701	19.35 0.91 0.00	17.27 0.77 0.00	16.83 0.71 0.00	16.00 0.72 0.00	15.56 0.76 0.00	15.20 0.78 -0.26	20.51 0.95 -2.54	21.18 1.15 0.00	20.13 1.04 0.00	22.19 1.26 -0.61	33.28 1.46 -11.09	109.93 1.55 -87.21	196.07 1.83 -172.27	118.80 1.74 -96.00	46.68 1.70 -24.78	70.74 1.62 -49.54	69.68 4.17 -7.64	36.87 1.96 -10.10	47.53 1.84 -22.44	26.47 1.76 -0.83	24.32 1.62 -0.01	24.46 1.58 -0.01	21.46 1.37 0.00	29.02 1.26 -7.54
BARRETT_IC_11 23702	19.35 0.91 0.00	17.27 0.77 0.00	16.83 0.71 0.00	16.00 0.72 0.00	15.56 0.76 0.00	15.20 0.78 -0.26	20.51 0.95 -2.54	21.18 1.15 0.00	20.13 1.04 0.00	22.19 1.26 -0.61	33.28 1.46 -11.09	109.93 1.55 -87.21	196.07 1.83 -172.27	118.80 1.74 -96.00	46.68 1.70 -24.78	70.74 1.62 -49.54	69.68 4.17 -7.64	36.87 1.96 -10.10	47.53 1.84 -22.44	26.47 1.76 -0.83	24.32 1.62 -0.01	24.46 1.58 -0.01	21.46 1.37 0.00	29.02 1.26 -7.54
BARRETT_IC_12 23703	19.35 0.91 0.00	17.27 0.77 0.00	16.83 0.71 0.00	16.00 0.72 0.00	15.56 0.76 0.00	15.20 0.78 -0.26	20.51 0.95 -2.54	21.18 1.15 0.00	20.13 1.04 0.00	22.19 1.26 -0.61	33.28 1.46 -11.09	109.93 1.55 -87.21	196.07 1.83 -172.27	118.80 1.74 -96.00	46.68 1.70 -24.78	70.74 1.62 -49.54	69.68 4.17 -7.64	36.87 1.96 -10.10	47.53 1.84 -22.44	26.47 1.76 -0.83	24.32 1.62 -0.01	24.46 1.58 -0.01	21.46 1.37 0.00	29.02 1.26 -7.54
BARRETT_IC_2 23705	19.35 0.91 0.00	17.27 0.77 0.00	16.83 0.71 0.00	16.00 0.72 0.00	15.56 0.76 0.00	15.20 0.78 -0.26	20.51 0.95 -2.54	21.18 1.15 0.00	20.13 1.04 0.00	22.19 1.26 -0.61	33.28 1.46 -11.09	109.93 1.55 -87.21	196.07 1.83 -172.27	118.80 1.74 -96.00	46.68 1.70 -24.78	70.74 1.62 -49.54	69.68 4.17 -7.64	36.87 1.96 -10.10	47.53 1.84 -22.44	26.47 1.76 -0.83	24.32 1.62 -0.01	24.46 1.58 -0.01	21.46 1.37 0.00	29.02 1.26 -7.54
BARRETT_IC_3 23706	19.35 0.91 0.00	17.27 0.77 0.00	16.83 0.71 0.00	16.00 0.72 0.00	15.56 0.76 0.00	15.20 0.78 -0.26	20.51 0.95 -2.54	21.18 1.15 0.00	20.13 1.04 0.00	22.19 1.26 -0.61	33.28 1.46 -11.09	109.93 1.55 -87.21	196.07 1.83 -172.27	118.80 1.74 -96.00	46.68 1.70 -24.78	70.74 1.62 -49.54	69.68 4.17 -7.64	36.87 1.96 -10.10	47.53 1.84 -22.44	26.47 1.76 -0.83	24.32 1.62 -0.01	24.46 1.58 -0.01	21.46 1.37 0.00	29.02 1.26 -7.54
BARRETT_IC_4 23707	19.35 0.91 0.00	17.27 0.77 0.00	16.83 0.71 0.00	16.00 0.72 0.00	15.56 0.76 0.00	15.20 0.78 -0.26	20.51 0.95 -2.54	21.18 1.15 0.00	20.13 1.04 0.00	22.19 1.26 -0.61	33.28 1.46 -11.09	109.93 1.55 -87.21	196.07 1.83 -172.27	118.80 1.74 -96.00	46.68 1.70 -24.78	70.74 1.62 -49.54	69.68 4.17 -7.64	36.87 1.96 -10.10	47.53 1.84 -22.44	26.47 1.76 -0.83	24.32 1.62 -0.01	24.46 1.58 -0.01	21.46 1.37 0.00	29.02 1.26 -7.54
BARRETT_IC_5 23708	19.35 0.91 0.00	17.27 0.77 0.00	16.83 0.71 0.00	16.00 0.72 0.00	15.56 0.76 0.00	15.20 0.78 -0.26	20.51 0.95 -2.54	21.18 1.15 0.00	20.13 1.04 0.00	22.19 1.26 -0.61	33.28 1.46 -11.09	109.93 1.55 -87.21	196.07 1.83 -172.27	118.80 1.74 -96.00	46.68 1.70 -24.78	70.74 1.62 -49.54	69.68 4.17 -7.64	36.87 1.96 -10.10	47.53 1.84 -22.44	26.47 1.76 -0.83	24.32 1.62 -0.01	24.46 1.58 -0.01	21.46 1.37 0.00	29.02 1.26 -7.54
BARRETT_IC_6 23709	19.35 0.91 0.00	17.27 0.77 0.00	16.83 0.71 0.00	16.00 0.72 0.00	15.56 0.76 0.00	15.20 0.78 -0.26	20.51 0.95 -2.54	21.18 1.15 0.00	20.13 1.04 0.00	22.19 1.26 -0.61	33.28 1.46 -11.09	109.93 1.55 -87.21	196.07 1.83 -172.27	118.80 1.74 -96.00	46.68 1.70 -24.78	70.74 1.62 -49.54	69.68 4.17 -7.64	36.87 1.96 -10.10	47.53 1.84 -22.44	26.47 1.76 -0.83	24.32 1.62 -0.01	24.46 1.58 -0.01	21.46 1.37 0.00	29.02 1.26 -7.54
BARRETT_IC_7 23710	19.35 0.91 0.00	17.27 0.77 0.00	16.83 0.71 0.00	16.00 0.72 0.00	15.56 0.76 0.00	15.20 0.78 -0.26	20.51 0.95 -2.54	21.18 1.15 0.00	20.13 1.04 0.00	22.19 1.26 -0.61	33.29 1.46 -11.09	109.92 1.55 -87.21	196.06 1.83 -172.27	118.79 1.74 -95.99	46.69 1.70 -24.78	70.74 1.62 -49.54	69.70 4.19 -7.64	36.88 1.96 -10.10	47.53 1.84 -22.44	26.47 1.76 -0.83	24.31 1.62 0.00	24.45 1.58 0.00	21.46 1.37 0.00	29.02 1.26 -7.54

BARRETT_IC_8 23711	19.35 0.91 0.00	17.27 0.77 0.00	16.83 0.71 0.00	16.00 0.72 0.00	15.56 0.76 0.00	15.20 0.78 -0.26	20.51 0.95 -2.54	21.18 1.15 0.00	20.13 1.04 0.00	22.19 1.26 -0.61	33.28 1.46 -11.09	109.93 1.55 -87.21	196.07 1.83 -172.27	118.80 1.74 -96.00	46.68 1.70 -24.78	70.74 1.62 -49.54	69.68 4.17 -7.64	36.87 1.96 -10.10	47.53 1.84 -22.44	26.47 1.76 -0.83	24.32 1.62 -0.01	24.46 1.58 -0.01	21.46 1.37 0.00	29.02 1.26 -7.54
BARRETT_IC_9 23700	19.35 0.91 0.00	17.27 0.77 0.00	16.83 0.71 0.00	16.00 0.72 0.00	15.56 0.76 0.00	15.20 0.78 -0.26	20.51 0.95 -2.54	21.18 1.15 0.00	20.13 1.04 0.00	22.19 1.26 -0.61	33.28 1.46 -11.09	109.93 1.55 -87.21	196.07 1.83 -172.27	118.80 1.74 -96.00	46.68 1.70 -24.78	70.74 1.62 -49.54	69.68 4.17 -7.64	36.87 1.96 -10.10	47.53 1.84 -22.44	26.47 1.76 -0.83	24.32 1.62 -0.01	24.46 1.58 -0.01	21.46 1.37 0.00	29.02 1.26 -7.54
BARRETT___1 23545	19.35 0.91 0.00	17.27 0.77 0.00	16.83 0.71 0.00	16.00 0.72 0.00	15.56 0.76 0.00	15.20 0.78 -0.26	20.51 0.95 -2.54	21.18 1.15 0.00	20.13 1.04 0.00	22.19 1.26 -0.61	33.28 1.46 -11.09	109.93 1.55 -87.21	196.07 1.83 -172.27	118.80 1.74 -96.00	46.68 1.70 -24.78	70.74 1.62 -49.54	69.68 4.17 -7.64	36.87 1.96 -10.10	47.53 1.84 -22.44	26.47 1.76 -0.83	24.32 1.62 -0.01	24.46 1.58 -0.01	21.46 1.37 0.00	29.02 1.26 -7.54
BARRETT___2 23546	19.35 0.91 0.00	17.27 0.77 0.00	16.83 0.71 0.00	16.00 0.72 0.00	15.56 0.76 0.00	15.20 0.78 -0.26	20.51 0.95 -2.54	21.18 1.15 0.00	20.13 1.04 0.00	22.19 1.26 -0.61	33.28 1.46 -11.09	109.93 1.55 -87.21	196.07 1.83 -172.27	118.80 1.74 -96.00	46.68 1.70 -24.78	70.74 1.62 -49.54	69.68 4.17 -7.64	36.87 1.96 -10.10	47.53 1.84 -22.44	26.47 1.76 -0.83	24.32 1.62 -0.01	24.46 1.58 -0.01	21.46 1.37 0.00	29.02 1.26 -7.54
BATAVIA___115KV_TB1 55881	18.56 0.13 0.00	16.67 0.18 0.00	16.25 0.12 0.00	15.41 0.13 0.00	14.95 0.16 0.00	14.48 0.32 0.00	17.42 0.39 0.00	20.34 0.31 0.00	19.50 0.41 0.00	20.81 0.49 0.00	21.25 0.51 0.00	21.56 0.40 0.00	22.24 0.28 0.00	21.20 0.13 0.00	20.26 0.05 0.00	19.56 -0.03 0.00	17.23 0.22 40.87	24.62 -0.19 0.00	22.98 -0.27 0.00	23.82 -0.06 0.00	22.63 -0.06 0.00	22.86 -0.01 0.00	20.09 0.00 0.00	20.62 0.41 0.00
BAYONEEC___CTG1 323682	19.30 0.86 0.00	17.21 0.71 0.00	16.73 0.61 0.00	15.86 0.58 0.00	15.37 0.57 0.00	14.73 0.57 0.00	17.70 0.67 0.00	20.97 0.94 0.00	20.10 1.01 0.00	21.54 1.22 0.00	22.01 1.28 0.00	22.56 1.40 0.00	23.63 1.67 0.00	22.68 1.62 0.00	24.94 1.56 -3.17	27.81 1.51 -6.72	61.86 3.98 0.00	26.58 1.77 0.00	24.92 1.67 0.00	25.43 1.55 0.00	24.15 1.47 0.00	24.28 1.41 0.00	21.27 1.19 0.00	21.32 1.11 0.00
BAYONEEC___CTG10 323750	19.30 0.86 0.00	17.21 0.71 0.00	16.73 0.61 0.00	15.86 0.58 0.00	15.37 0.57 0.00	14.73 0.57 0.00	17.70 0.67 0.00	20.97 0.94 0.00	20.10 1.01 0.00	21.54 1.22 0.00	22.01 1.28 0.00	22.56 1.40 0.00	23.63 1.67 0.00	22.68 1.62 0.00	24.94 1.56 -3.17	27.81 1.51 -6.72	61.86 3.98 0.00	26.58 1.77 0.00	24.92 1.67 0.00	25.43 1.55 0.00	24.15 1.47 0.00	24.28 1.41 0.00	21.27 1.19 0.00	21.32 1.11 0.00
BAYONEEC___CTG2 323683	19.30 0.86 0.00	17.21 0.71 0.00	16.73 0.61 0.00	15.86 0.58 0.00	15.37 0.57 0.00	14.73 0.57 0.00	17.70 0.67 0.00	20.97 0.94 0.00	20.10 1.01 0.00	21.54 1.22 0.00	22.01 1.28 0.00	22.56 1.40 0.00	23.63 1.67 0.00	22.68 1.62 0.00	24.94 1.56 -3.17	27.81 1.51 -6.72	61.86 3.98 0.00	26.58 1.77 0.00	24.92 1.67 0.00	25.43 1.55 0.00	24.15 1.47 0.00	24.28 1.41 0.00	21.27 1.19 0.00	21.32 1.11 0.00
BAYONEEC___CTG3 323684	19.30 0.86 0.00	17.21 0.71 0.00	16.73 0.61 0.00	15.86 0.58 0.00	15.37 0.57 0.00	14.73 0.57 0.00	17.70 0.67 0.00	20.97 0.94 0.00	20.10 1.01 0.00	21.54 1.22 0.00	22.01 1.28 0.00	22.56 1.40 0.00	23.63 1.67 0.00	22.68 1.62 0.00	24.94 1.56 -3.17	27.81 1.51 -6.72	61.86 3.98 0.00	26.58 1.77 0.00	24.92 1.67 0.00	25.43 1.55 0.00	24.15 1.47 0.00	24.28 1.41 0.00	21.27 1.19 0.00	21.32 1.11 0.00
BAYONEEC___CTG4 323685	19.30 0.86 0.00	17.21 0.71 0.00	16.73 0.61 0.00	15.86 0.58 0.00	15.37 0.57 0.00	14.73 0.57 0.00	17.70 0.67 0.00	20.97 0.94 0.00	20.10 1.01 0.00	21.54 1.22 0.00	22.01 1.28 0.00	22.56 1.40 0.00	23.63 1.67 0.00	22.68 1.62 0.00	24.94 1.56 -3.17	27.81 1.51 -6.72	61.86 3.98 0.00	26.58 1.77 0.00	24.92 1.67 0.00	25.43 1.55 0.00	24.15 1.47 0.00	24.28 1.41 0.00	21.27 1.19 0.00	21.32 1.11 0.00
BAYONEEC___CTG5 323686	19.30 0.86 0.00	17.21 0.71 0.00	16.73 0.61 0.00	15.86 0.58 0.00	15.37 0.57 0.00	14.73 0.57 0.00	17.70 0.67 0.00	20.97 0.94 0.00	20.10 1.01 0.00	21.54 1.22 0.00	22.01 1.28 0.00	22.56 1.40 0.00	23.63 1.67 0.00	22.68 1.62 0.00	24.94 1.56 -3.17	27.81 1.51 -6.72	61.86 3.98 0.00	26.58 1.77 0.00	24.92 1.67 0.00	25.43 1.55 0.00	24.15 1.47 0.00	24.28 1.41 0.00	21.27 1.19 0.00	21.32 1.11 0.00
BAYONEEC___CTG6 323687	19.30 0.86 0.00	17.21 0.71 0.00	16.73 0.61 0.00	15.86 0.58 0.00	15.37 0.57 0.00	14.73 0.57 0.00	17.70 0.67 0.00	20.97 0.94 0.00	20.10 1.01 0.00	21.54 1.22 0.00	22.01 1.28 0.00	22.56 1.40 0.00	23.63 1.67 0.00	22.68 1.62 0.00	24.94 1.56 -3.17	27.81 1.51 -6.72	61.86 3.98 0.00	26.58 1.77 0.00	24.92 1.67 0.00	25.43 1.55 0.00	24.15 1.47 0.00	24.28 1.41 0.00	21.27 1.19 0.00	21.32 1.11 0.00
BAYONEEC___CTG7 323688	19.30 0.86 0.00	17.21 0.71 0.00	16.73 0.61 0.00	15.86 0.58 0.00	15.37 0.57 0.00	14.73 0.57 0.00	17.70 0.67 0.00	20.97 0.94 0.00	20.10 1.01 0.00	21.54 1.22 0.00	22.01 1.28 0.00	22.56 1.40 0.00	23.63 1.67 0.00	22.68 1.62 0.00	24.94 1.56 -3.17	27.81 1.51 -6.72	61.86 3.98 0.00	26.58 1.77 0.00	24.92 1.67 0.00	25.43 1.55 0.00	24.15 1.47 0.00	24.28 1.41 0.00	21.27 1.19 0.00	21.32 1.11 0.00
BAYONEEC___CTG8 323689	19.30 0.86 0.00	17.21 0.71 0.00	16.73 0.61 0.00	15.86 0.58 0.00	15.37 0.57 0.00	14.73 0.57 0.00	17.70 0.67 0.00	20.97 0.94 0.00	20.10 1.01 0.00	21.54 1.22 0.00	22.01 1.28 0.00	22.56 1.40 0.00	23.63 1.67 0.00	22.68 1.62 0.00	24.94 1.56 -3.17	27.81 1.51 -6.72	61.86 3.98 0.00	26.58 1.77 0.00	24.92 1.67 0.00	25.43 1.55 0.00	24.15 1.47 0.00	24.28 1.41 0.00	21.27 1.19 0.00	21.32 1.11 0.00
BAYONEEC___CTG9 323749	19.30 0.86 0.00	17.21 0.71 0.00	16.73 0.61 0.00	15.86 0.58 0.00	15.37 0.57 0.00	14.73 0.57 0.00	17.70 0.67 0.00	20.97 0.94 0.00	20.10 1.01 0.00	21.54 1.22 0.00	22.01 1.28 0.00	22.56 1.40 0.00	23.63 1.67 0.00	22.68 1.62 0.00	24.94 1.56 -3.17	27.81 1.51 -6.72	61.86 3.98 0.00	26.58 1.77 0.00	24.92 1.67 0.00	25.43 1.55 0.00	24.15 1.47 0.00	24.28 1.41 0.00	21.27 1.19 0.00	21.32 1.11 0.00

BEACON___LESR 323632	18.96 0.52 0.00	17.00 0.50 0.00	16.58 0.46 0.00	15.71 0.44 0.00	15.22 0.43 0.00	14.53 0.37 0.00	17.49 0.46 0.00	20.59 0.56 0.00	19.61 0.52 0.00	20.91 0.59 0.00	21.35 0.62 0.00	21.83 0.66 0.00	22.78 0.81 0.00	21.89 0.82 0.00	21.76 0.79 -0.76	21.99 0.77 -1.63	59.91 2.03 0.00	25.66 0.85 0.00	24.07 0.82 0.00	24.72 0.84 0.00	23.49 0.80 0.00	23.62 0.75 0.00	20.71 0.62 0.00	20.79 0.58 0.00
BEAVER RIVER___HYD 24048	18.93 0.50 0.00	16.92 0.42 0.00	16.49 0.36 0.00	15.62 0.34 0.00	15.15 0.35 0.00	14.53 0.37 0.00	17.57 0.55 0.00	20.73 0.70 0.00	19.67 0.57 0.00	20.86 0.54 0.00	21.31 0.57 0.00	21.72 0.55 0.00	22.38 0.42 0.00	21.42 0.36 0.00	20.54 0.33 0.00	19.95 0.37 0.00	59.00 1.12 0.00	25.40 0.58 0.00	23.89 0.64 0.00	24.48 0.59 0.00	23.16 0.47 0.00	23.43 0.56 0.00	20.52 0.43 0.00	20.64 0.43 0.00
BEEBEE_GT_13 23619	18.37 -0.07 0.00	16.48 -0.01 0.00	16.06 -0.06 0.00	15.23 -0.05 0.00	14.76 -0.04 0.00	14.25 0.09 0.00	17.14 0.11 0.00	20.07 0.04 0.00	19.23 0.14 0.00	20.49 0.18 0.00	20.92 0.19 0.00	21.22 0.06 0.00	21.97 0.00 0.00	21.00 -0.06 0.00	20.12 -0.09 0.00	19.47 -0.12 0.00	13.76 -0.17 43.95	24.51 -0.31 0.00	22.89 -0.36 0.00	23.65 -0.23 0.00	22.46 -0.23 0.00	22.66 -0.21 0.00	19.89 -0.20 0.00	20.27 0.07 0.00
BENSHRST_27_KV_BENSHRST_1 355998	19.51 1.07 0.00	17.38 0.88 0.00	16.89 0.77 0.00	16.00 0.73 0.00	15.50 0.70 0.00	14.88 0.72 0.00	17.88 0.86 0.00	21.19 1.16 0.00	20.32 1.23 0.00	21.77 1.45 0.00	22.26 1.53 0.00	22.81 1.65 0.00	23.90 1.94 0.00	22.96 1.89 0.00	25.20 1.82 -3.17	28.04 1.74 -6.71	62.44 4.57 0.00	26.88 2.06 0.00	25.22 1.97 0.00	25.75 1.87 0.00	24.45 1.76 0.00	24.56 1.69 0.00	21.51 1.42 0.00	21.54 1.33 0.00
BETHLEHEM___GRP 23843	18.72 0.28 0.00	16.83 0.33 0.00	16.43 0.31 0.00	15.59 0.31 0.00	15.08 0.28 0.00	14.38 0.22 0.00	17.24 0.21 0.00	20.28 0.25 0.00	19.34 0.25 0.00	20.59 0.28 0.00	21.00 0.27 0.00	21.49 0.32 0.00	22.41 0.44 0.00	21.51 0.44 0.00	21.41 0.45 -0.75	21.63 0.44 -1.61	58.90 1.02 0.00	25.27 0.46 0.00	23.70 0.45 0.00	24.33 0.45 0.00	23.12 0.43 0.00	23.25 0.37 0.00	20.40 0.31 0.00	20.48 0.27 0.00
BETHLEHEM___GS1 323560	18.72 0.28 0.00	16.83 0.33 0.00	16.43 0.31 0.00	15.58 0.30 0.00	15.08 0.28 0.00	14.38 0.22 0.00	17.24 0.21 0.00	20.28 0.25 0.00	19.34 0.25 0.00	20.60 0.28 0.00	21.00 0.27 0.00	21.49 0.32 0.00	22.41 0.45 0.00	21.51 0.44 0.00	21.41 0.45 -0.75	21.63 0.43 -1.61	58.90 1.02 0.00	25.27 0.46 0.00	23.70 0.45 0.00	24.33 0.44 0.00	23.12 0.43 0.00	23.25 0.37 0.00	20.40 0.31 0.00	20.48 0.27 0.00
BETHLEHEM___GS2 323561	18.72 0.28 0.00	16.83 0.33 0.00	16.43 0.31 0.00	15.58 0.30 0.00	15.08 0.28 0.00	14.38 0.22 0.00	17.24 0.21 0.00	20.28 0.25 0.00	19.34 0.25 0.00	20.60 0.28 0.00	21.00 0.27 0.00	21.49 0.32 0.00	22.41 0.45 0.00	21.51 0.44 0.00	21.41 0.45 -0.75	21.63 0.43 -1.61	58.90 1.02 0.00	25.27 0.46 0.00	23.70 0.45 0.00	24.33 0.44 0.00	23.12 0.43 0.00	23.25 0.37 0.00	20.40 0.31 0.00	20.48 0.27 0.00
BETHLEHEM___GS3 323562	18.72 0.28 0.00	16.83 0.33 0.00	16.43 0.31 0.00	15.58 0.30 0.00	15.08 0.28 0.00	14.38 0.22 0.00	17.24 0.21 0.00	20.28 0.25 0.00	19.34 0.25 0.00	20.60 0.28 0.00	21.00 0.27 0.00	21.49 0.32 0.00	22.41 0.45 0.00	21.51 0.44 0.00	21.41 0.45 -0.75	21.63 0.43 -1.61	58.90 1.02 0.00	25.27 0.46 0.00	23.70 0.45 0.00	24.33 0.44 0.00	23.12 0.43 0.00	23.25 0.37 0.00	20.40 0.31 0.00	20.48 0.27 0.00
BETHLEHEM___STEEL 23779	18.26 -0.18 0.00	16.43 -0.07 0.00	16.00 -0.12 0.00	15.20 -0.08 0.00	14.74 -0.06 0.00	14.27 0.11 0.00	17.12 0.10 0.00	19.99 -0.04 0.00	19.19 0.10 0.00	20.48 0.16 0.00	20.91 0.17 0.00	21.14 -0.02 0.00	21.87 -0.10 0.00	20.85 -0.22 0.00	19.93 -0.28 0.00	19.23 -0.35 0.00	20.17 -0.71 37.00	24.14 -0.68 0.00	22.53 -0.72 0.00	23.39 -0.49 0.00	22.20 -0.49 0.00	22.44 -0.43 0.00	19.74 -0.35 0.00	20.36 0.15 0.00
BETHLHEM_115KV_TB1 79974	18.77 0.33 0.00	16.86 0.36 0.00	16.45 0.33 0.00	15.61 0.33 0.00	15.09 0.30 0.00	14.41 0.25 0.00	17.28 0.25 0.00	20.33 0.30 0.00	19.39 0.30 0.00	20.65 0.33 0.00	21.06 0.33 0.00	21.55 0.38 0.00	22.47 0.51 0.00	21.57 0.50 0.00	21.46 0.51 -0.74	21.66 0.48 -1.60	59.05 1.17 0.00	25.34 0.52 0.00	23.76 0.51 0.00	24.39 0.51 0.00	23.18 0.49 0.00	23.31 0.44 0.00	20.45 0.36 0.00	20.54 0.33 0.00
BETHPAGE_CC_5 323564	19.38 0.94 0.00	17.30 0.81 0.00	16.88 0.76 0.00	16.05 0.77 0.00	15.60 0.81 0.00	15.26 0.83 -0.26	20.58 1.02 -2.54	21.24 1.21 0.00	20.17 1.08 0.00	22.23 1.30 -0.61	33.34 1.52 -11.09	109.98 1.61 -87.21	196.13 1.89 -172.27	118.84 1.79 -95.99	46.74 1.76 -24.78	70.83 1.71 -49.54	69.85 4.34 -7.64	36.91 2.00 -10.09	47.56 1.88 -22.43	26.49 1.78 -0.82	24.33 1.65 0.00	24.51 1.64 0.00	21.51 1.42 0.00	21.78 1.35 -0.22
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	18.30 -0.14 0.00	16.46 -0.03 0.00	16.04 -0.08 0.00	15.23 -0.05 0.00	14.77 -0.03 0.00	14.30 0.14 0.00	17.16 0.13 0.00	20.04 0.01 0.00	19.25 0.16 0.00	20.55 0.23 0.00	20.97 0.24 0.00	21.20 0.04 0.00	21.94 -0.03 0.00	20.91 -0.15 0.00	19.99 -0.21 0.00	19.29 -0.30 0.00	20.79 -0.56 36.52	24.21 -0.60 0.00	22.60 -0.64 0.00	23.46 -0.42 0.00	22.26 -0.43 0.00	22.51 -0.36 0.00	19.79 -0.30 0.00	20.41 0.20 0.00
BINGHAMTON___COGEN 23790	18.49 0.06 0.00	16.59 0.09 0.00	16.16 0.04 0.00	15.34 0.06 0.00	14.87 0.08 0.00	14.29 0.13 0.00	17.19 0.16 0.00	20.28 0.24 0.00	19.35 0.26 0.00	20.65 0.33 0.00	21.07 0.34 0.00	21.49 0.33 0.00	22.37 0.40 0.00	21.41 0.35 0.00	20.48 0.27 0.00	19.79 0.21 0.00	47.22 0.67 11.33	24.96 0.15 0.00	23.41 0.16 0.00	24.11 0.23 0.00	22.89 0.20 0.00	23.09 0.22 0.00	20.21 0.12 0.00	20.47 0.26 0.00
BIXINCNT_115KV_LOAD 355685	18.41 -0.03 0.00	16.59 0.09 0.00	16.15 0.03 0.00	15.34 0.06 0.00	14.90 0.10 0.00	14.41 0.24 0.00	17.30 0.28 0.00	20.35 0.32 0.00	19.54 0.45 0.00	20.87 0.55 0.00	21.25 0.52 0.00	21.38 0.21 0.00	22.07 0.10 0.00	21.04 -0.02 0.00	20.01 -0.20 0.00	19.32 -0.27 0.00	23.35 -0.38 34.14	24.09 -0.72 0.00	22.64 -0.61 0.00	23.51 -0.38 0.00	22.30 -0.39 0.00	22.57 -0.30 0.00	19.78 -0.31 0.00	20.50 0.30 0.00
BLACK RIVER___HYD 24047	18.98 0.54 0.00	16.94 0.45 0.00	16.48 0.35 0.00	15.63 0.35 0.00	15.16 0.36 0.00	14.58 0.42 0.00	17.65 0.63 0.00	20.87 0.84 0.00	19.84 0.74 0.00	21.00 0.68 0.00	21.46 0.73 0.00	21.86 0.70 0.00	22.43 0.46 0.00	21.45 0.39 0.00	20.57 0.36 0.00	19.98 0.40 0.00	66.80 1.18 -7.75	25.42 0.61 0.00	23.98 0.73 0.00	24.53 0.65 0.00	23.15 0.46 0.00	23.48 0.60 0.00	20.51 0.42 0.00	20.63 0.42 0.00

BLACKRVR_115KV_TB2 79977	18.97 0.54 0.00	16.94 0.45 0.00	16.48 0.35 0.00	15.63 0.35 0.00	15.16 0.36 0.00	14.58 0.42 0.00	17.65 0.63 0.00	20.87 0.84 0.00	19.84 0.74 0.00	21.00 0.68 0.00	21.46 0.72 0.00	21.86 0.70 0.00	22.43 0.47 0.00	21.45 0.39 0.00	20.56 0.36 0.00	19.98 0.39 0.00	66.80 1.18 -7.75	25.43 0.61 0.00	23.98 0.73 0.00	24.53 0.65 0.00	23.15 0.46 0.00	23.48 0.61 0.00	20.51 0.42 0.00	20.63 0.42 0.00
BLISS_WT_PWR 323608	18.42 -0.02 0.00	16.60 0.10 0.00	16.15 0.03 0.00	15.34 0.06 0.00	14.90 0.11 0.00	14.41 0.25 0.00	17.31 0.29 0.00	20.37 0.34 0.00	19.56 0.47 0.00	20.90 0.59 0.00	21.28 0.55 0.00	21.36 0.19 0.00	22.01 0.05 0.00	20.98 -0.08 0.00	19.96 -0.24 0.00	19.28 -0.31 0.00	23.64 -0.09 34.14	23.98 -0.84 0.00	22.57 -0.68 0.00	23.44 -0.44 0.00	22.24 -0.45 0.00	22.51 -0.36 0.00	19.71 -0.38 0.00	20.48 0.27 0.00
BLUE_CIRC_CHEM_DRP 24182	19.01 0.58 0.00	17.06 0.56 0.00	16.65 0.53 0.00	15.79 0.51 0.00	15.28 0.48 0.00	14.60 0.44 0.00	17.50 0.48 0.00	20.59 0.56 0.00	19.63 0.54 0.00	20.89 0.57 0.00	21.30 0.56 0.00	21.77 0.61 0.00	22.71 0.74 0.00	21.79 0.73 0.00	21.59 0.72 -0.66	21.69 0.69 -1.42	59.71 1.83 0.00	25.59 0.78 0.00	24.04 0.79 0.00	24.67 0.78 0.00	23.44 0.75 0.00	23.57 0.70 0.00	20.70 0.61 0.00	20.80 0.59 0.00
BOC_GAS_DRP 24189	18.87 0.44 0.00	16.90 0.41 0.00	16.49 0.37 0.00	15.63 0.35 0.00	15.13 0.33 0.00	14.47 0.31 0.00	17.36 0.33 0.00	20.45 0.42 0.00	19.52 0.42 0.00	20.79 0.47 0.00	21.20 0.47 0.00	21.69 0.53 0.00	22.61 0.65 0.00	21.70 0.63 0.00	21.54 0.63 -0.70	21.69 0.60 -1.51	59.42 1.55 0.00	25.48 0.66 0.00	23.90 0.65 0.00	24.53 0.65 0.00	23.31 0.62 0.00	23.45 0.58 0.00	20.58 0.49 0.00	20.68 0.47 0.00
BOONVILLE_115KV_TB1 79983	18.85 0.41 0.00	16.84 0.35 0.00	16.43 0.31 0.00	15.57 0.29 0.00	15.09 0.30 0.00	14.48 0.32 0.00	17.46 0.43 0.00	20.59 0.55 0.00	19.61 0.52 0.00	20.86 0.54 0.00	21.30 0.57 0.00	21.75 0.59 0.00	22.57 0.60 0.00	21.63 0.57 0.00	20.69 0.49 0.00	20.02 0.44 0.00	59.23 1.35 0.00	25.44 0.62 0.00	23.88 0.63 0.00	24.52 0.63 0.00	23.25 0.56 0.00	23.46 0.59 0.00	20.56 0.47 0.00	20.68 0.47 0.00
BORALEX_4TH_BRANCH 23824	19.57 1.14 0.00	17.50 1.01 0.00	17.06 0.94 0.00	16.17 0.89 0.00	15.66 0.86 0.00	14.98 0.82 0.00	17.94 0.91 0.00	21.16 1.13 0.00	20.10 1.01 0.00	21.38 1.06 0.00	21.75 1.02 0.00	22.26 1.10 0.00	23.19 1.22 0.00	22.23 1.17 0.00	22.32 1.19 -0.93	22.61 1.05 -1.98	60.92 3.04 0.00	26.16 1.35 0.00	24.50 1.25 0.00	25.29 1.40 0.00	24.03 1.34 0.00	24.17 1.30 0.00	21.22 1.13 0.00	21.32 1.11 0.00
BOWLINE___1 23526	19.14 0.70 0.00	17.07 0.57 0.00	16.61 0.49 0.00	15.74 0.46 0.00	15.24 0.45 0.00	14.62 0.46 0.00	17.56 0.54 0.00	20.80 0.77 0.00	19.90 0.81 0.00	21.30 0.98 0.00	21.77 1.04 0.00	22.31 1.15 0.00	23.36 1.39 0.00	22.42 1.36 0.00	18.05 1.30 3.46	13.80 1.24 7.02	61.18 3.30 0.00	26.30 1.48 0.00	24.62 1.37 0.00	25.20 1.31 0.00	23.94 1.25 0.00	24.07 1.20 0.00	21.08 0.99 0.00	21.14 0.94 0.00
BOWLINE___2 23595	19.14 0.70 0.00	17.07 0.57 0.00	16.61 0.49 0.00	15.74 0.46 0.00	15.25 0.45 0.00	14.62 0.46 0.00	17.57 0.54 0.00	20.80 0.77 0.00	19.90 0.81 0.00	21.30 0.99 0.00	21.77 1.04 0.00	22.31 1.15 0.00	23.36 1.39 0.00	22.42 1.36 0.00	18.05 1.30 3.46	13.80 1.24 7.02	61.19 3.31 0.00	26.30 1.48 0.00	24.62 1.37 0.00	25.20 1.32 0.00	23.94 1.25 0.00	24.07 1.20 0.00	21.08 0.99 0.00	21.15 0.94 0.00
BRADY___115KV_TB2 356060	18.78 0.34 0.00	16.79 0.29 0.00	16.44 0.31 0.00	15.57 0.29 0.00	15.07 0.27 0.00	14.41 0.25 0.00	17.41 0.38 0.00	20.41 0.37 0.00	19.28 0.18 0.00	20.56 0.24 0.00	20.97 0.23 0.00	21.38 0.22 0.00	22.09 0.13 0.00	21.18 0.12 0.00	20.29 0.09 0.00	19.79 0.20 0.00	58.50 0.62 0.00	25.12 0.30 0.00	23.48 0.23 0.00	24.10 0.22 0.00	22.88 0.19 0.00	23.15 0.28 0.00	20.35 0.27 0.00	20.44 0.23 0.00
BRANSCOMB___SOLAR 323811	19.46 1.02 0.00	17.38 0.89 0.00	16.94 0.83 0.00	16.06 0.78 0.00	15.55 0.76 0.00	14.91 0.75 0.00	17.95 0.93 0.00	21.17 1.14 0.00	20.16 1.07 0.00	21.41 1.09 0.00	21.86 1.13 0.00	22.31 1.15 0.00	23.29 1.33 0.00	22.35 1.29 0.00	22.21 1.25 -0.76	22.42 1.20 -1.63	61.28 3.41 0.00	26.28 1.46 0.00	24.64 1.39 0.00	25.25 1.37 0.00	24.05 1.36 0.00	24.14 1.27 0.00	21.33 1.24 0.00	21.43 1.22 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	19.41 0.97 0.00	17.32 0.82 0.00	16.91 0.79 0.00	16.10 0.82 0.00	15.67 0.88 0.00	15.32 0.90 -0.26	20.67 1.11 -2.54	21.31 1.28 0.00	20.17 1.07 0.00	22.22 1.30 -0.61	33.33 1.50 -11.09	109.97 1.60 -87.21	196.11 1.87 -172.27	118.72 1.67 -95.99	46.72 1.73 -24.78	70.87 1.74 -49.54	69.68 4.17 -7.64	36.84 1.93 -10.09	47.46 1.78 -22.43	26.38 1.68 -0.82	24.22 1.53 0.00	24.36 1.48 0.00	21.46 1.37 0.00	21.25 1.38 0.34
BRISTLHL_115KV_TB1 79998	18.15 -0.29 0.00	16.25 -0.25 0.00	15.85 -0.27 0.00	15.03 -0.25 0.00	14.57 -0.22 0.00	13.99 -0.17 0.00	16.81 -0.22 0.00	19.76 -0.27 0.00	18.84 -0.25 0.00	20.00 -0.32 0.00	20.40 -0.33 0.00	20.81 -0.35 0.00	21.60 -0.36 0.00	20.70 -0.37 0.00	19.83 -0.38 0.00	19.19 -0.40 0.00	86.56 -1.26 -29.94	24.25 -0.56 0.00	22.70 -0.54 0.00	23.36 -0.52 0.00	22.20 -0.49 0.00	22.37 -0.50 0.00	19.59 -0.51 0.00	19.76 -0.44 0.00
BROOKHAVEN___DRP 24191	19.17 0.73 0.00	17.12 0.62 0.00	16.72 0.60 0.00	15.91 0.63 0.00	15.49 0.69 0.00	15.15 0.73 -0.26	20.45 0.89 -2.54	21.04 1.01 0.00	19.90 0.81 0.00	21.94 1.01 -0.61	33.02 1.20 -11.09	109.65 1.28 -87.21	195.73 1.50 -172.27	118.37 1.32 -95.99	46.43 1.45 -24.78	70.67 1.55 -49.54	69.30 3.79 -7.64	36.73 1.83 -10.09	47.28 1.60 -22.43	26.21 1.50 -0.82	24.02 1.33 0.00	24.16 1.28 0.00	21.33 1.24 0.00	20.90 1.10 0.41
BROOKLYN_NAVY_YARD 23515	19.30 0.86 0.00	17.21 0.72 0.00	16.73 0.61 0.00	15.86 0.58 0.00	15.36 0.57 0.00	14.74 0.58 0.00	17.71 0.68 0.00	20.99 0.96 0.00	20.11 1.02 0.00	21.55 1.23 0.00	22.01 1.27 0.00	22.56 1.39 0.00	23.63 1.67 0.00	22.67 1.61 0.00	24.92 1.55 -3.17	27.78 1.49 -6.71	61.77 3.90 0.01	26.57 1.75 0.00	24.89 1.64 0.00	25.41 1.53 0.00	24.13 1.45 0.00	24.27 1.39 0.00	21.27 1.19 0.00	21.32 1.11 0.00
BROOKLYN___ARMY_DRP 323595	19.40 0.97 0.00	17.29 0.79 0.00	16.81 0.69 0.00	15.93 0.65 0.00	15.42 0.63 0.00	14.81 0.65 0.00	17.79 0.76 0.00	21.07 1.04 0.00	20.20 1.11 0.00	21.63 1.32 0.00	22.13 1.40 0.00	22.67 1.51 0.00	23.74 1.78 0.00	22.81 1.74 0.00	25.05 1.68 -3.17	27.91 1.61 -6.71	62.04 4.17 0.00	26.70 1.89 0.00	25.06 1.81 0.00	25.59 1.70 0.00	24.29 1.60 0.00	24.41 1.54 0.00	21.38 1.29 0.00	21.42 1.21 0.00



BROOKVLE_69_KV_TB1 55790	19.46 1.02 0.00	17.36 0.86 0.00	16.91 0.79 0.00	16.05 0.77 0.00	15.58 0.79 0.00	15.22 0.80 -0.26	20.54 0.98 -2.54	21.26 1.23 0.00	20.27 1.18 0.00	22.35 1.42 -0.61	33.42 1.60 -11.09	110.08 1.71 -87.21	196.20 1.96 -172.27	118.99 1.94 -95.99	46.83 1.85 -24.78	70.88 1.75 -49.54	70.09 4.58 -7.64	36.97 2.07 -10.09	47.62 1.94 -22.43	26.56 1.86 -0.82	24.40 1.72 0.00	24.54 1.66 0.00	21.49 1.40 0.00	22.43 1.35 -0.86
BROOME_2_LFGE 323671	18.50 0.06 0.00	16.59 0.09 0.00	16.16 0.04 0.00	15.34 0.06 0.00	14.87 0.08 0.00	14.29 0.13 0.00	17.19 0.16 0.00	20.28 0.25 0.00	19.35 0.26 0.00	20.65 0.33 0.00	21.07 0.34 0.00	21.49 0.33 0.00	22.36 0.40 0.00	21.41 0.35 0.00	20.48 0.28 0.00	19.79 0.21 0.00	47.22 0.67 11.33	24.96 0.14 0.00	23.41 0.16 0.00	24.11 0.23 0.00	22.89 0.20 0.00	23.09 0.22 0.00	20.21 0.12 0.00	20.46 0.26 0.00
BROOME__LFGE 323600	18.50 0.06 0.00	16.59 0.09 0.00	16.16 0.04 0.00	15.34 0.06 0.00	14.87 0.08 0.00	14.29 0.13 0.00	17.19 0.16 0.00	20.28 0.25 0.00	19.35 0.26 0.00	20.65 0.33 0.00	21.07 0.34 0.00	21.49 0.33 0.00	22.36 0.40 0.00	21.41 0.35 0.00	20.48 0.28 0.00	19.79 0.21 0.00	47.22 0.67 11.33	24.96 0.14 0.00	23.41 0.16 0.00	24.11 0.23 0.00	22.89 0.20 0.00	23.09 0.22 0.00	20.21 0.12 0.00	20.46 0.26 0.00
BROWNFLS_115KV_TB_3_5 80003	18.84 0.41 0.00	16.84 0.35 0.00	16.43 0.31 0.00	15.57 0.29 0.00	15.08 0.29 0.00	14.46 0.30 0.00	17.48 0.45 0.00	20.57 0.54 0.00	19.42 0.33 0.00	20.61 0.29 0.00	21.03 0.30 0.00	21.43 0.27 0.00	22.10 0.14 0.00	21.17 0.10 0.00	20.30 0.09 0.00	19.82 0.23 0.00	58.64 0.77 0.00	25.21 0.40 0.00	23.65 0.40 0.00	24.25 0.36 0.00	22.96 0.27 0.00	23.24 0.36 0.00	20.39 0.29 0.00	20.50 0.29 0.00
BROWNSV1_27_KV_LOAD 356125	19.50 1.06 0.00	17.38 0.89 0.00	16.90 0.78 0.00	16.01 0.73 0.00	15.51 0.72 0.00	14.88 0.72 0.00	17.88 0.86 0.00	21.21 1.18 0.00	20.34 1.25 0.00	21.79 1.48 0.00	22.28 1.55 0.00	22.84 1.67 0.00	23.91 1.95 0.00	22.94 1.88 0.00	25.19 1.81 -3.17	28.04 1.74 -6.72	62.55 4.68 0.00	26.88 2.06 0.00	25.18 1.94 0.00	25.71 1.82 0.00	24.41 1.72 0.00	24.54 1.67 0.00	21.50 1.41 0.00	21.55 1.34 0.00
BURROWS__LYONSDAL 23803	18.88 0.44 0.00	16.87 0.37 0.00	16.45 0.33 0.00	15.59 0.31 0.00	15.11 0.32 0.00	14.50 0.34 0.00	17.49 0.47 0.00	20.63 0.60 0.00	19.64 0.55 0.00	20.87 0.55 0.00	21.32 0.59 0.00	21.76 0.60 0.00	22.55 0.58 0.00	21.60 0.54 0.00	20.68 0.47 0.00	20.02 0.44 0.00	59.20 1.33 0.00	25.44 0.63 0.00	23.89 0.64 0.00	24.53 0.64 0.00	23.24 0.55 0.00	23.47 0.60 0.00	20.57 0.48 0.00	20.69 0.47 0.00
CAITHNESS_CC_1 323624	19.18 0.74 0.00	17.13 0.63 0.00	16.72 0.60 0.00	15.92 0.64 0.00	15.50 0.70 0.00	15.16 0.74 -0.26	20.46 0.89 -2.54	21.04 1.01 0.00	19.91 0.82 0.00	21.94 1.02 -0.61	33.02 1.20 -11.09	109.66 1.29 -87.21	195.76 1.52 -172.27	118.40 1.35 -95.99	46.44 1.46 -24.78	70.67 1.54 -49.54	69.29 3.78 -7.64	36.71 1.80 -10.09	47.27 1.59 -22.43	26.20 1.49 -0.82	24.02 1.33 0.00	24.15 1.28 0.00	21.33 1.24 0.00	20.91 1.10 0.41
CALPINE BETH_PAGE_GT4 24209	19.38 0.94 0.00	17.29 0.80 0.00	16.87 0.75 0.00	16.04 0.76 0.00	15.59 0.80 0.00	15.24 0.82 -0.26	20.56 1.00 -2.54	21.22 1.19 0.00	20.16 1.07 0.00	22.23 1.30 -0.61	33.34 1.52 -11.09	109.98 1.61 -87.21	196.11 1.88 -172.27	118.84 1.79 -95.99	46.70 1.72 -24.78	70.78 1.66 -49.54	69.70 4.19 -7.64	36.84 1.93 -10.09	47.51 1.83 -22.43	26.44 1.74 -0.82	24.29 1.60 0.00	24.50 1.62 0.00	21.50 1.41 0.00	22.06 1.35 -0.50
CALPINE_BETH_PAGE_GT_4 323586	19.37 0.93 0.00	17.29 0.80 0.00	16.87 0.75 0.00	16.03 0.76 0.00	15.59 0.80 0.00	15.24 0.82 -0.26	20.56 1.00 -2.54	21.22 1.19 0.00	20.16 1.07 0.00	22.22 1.29 -0.61	33.33 1.51 -11.09	109.97 1.60 -87.21	196.12 1.88 -172.27	118.84 1.79 -95.99	46.70 1.71 -24.78	70.78 1.65 -49.54	69.70 4.19 -7.64	36.84 1.93 -10.09	47.51 1.83 -22.43	26.44 1.74 -0.82	24.29 1.60 0.00	24.50 1.62 0.00	21.50 1.41 0.00	22.06 1.35 -0.50
CALPINE_BP_GT1 23823	19.37 0.93 0.00	17.29 0.80 0.00	16.87 0.75 0.00	16.03 0.76 0.00	15.59 0.80 0.00	15.24 0.82 -0.26	20.56 1.00 -2.54	21.22 1.19 0.00	20.16 1.07 0.00	22.22 1.29 -0.61	33.33 1.51 -11.09	109.97 1.60 -87.21	196.12 1.88 -172.27	118.84 1.79 -95.99	46.70 1.71 -24.78	70.78 1.65 -49.54	69.70 4.19 -7.64	36.84 1.93 -10.09	47.51 1.83 -22.43	26.44 1.74 -0.82	24.29 1.60 0.00	24.50 1.62 0.00	21.50 1.41 0.00	22.06 1.35 -0.50
CALSPAN__DRP 24200	18.26 -0.18 0.00	16.43 -0.07 0.00	16.00 -0.12 0.00	15.20 -0.08 0.00	14.74 -0.06 0.00	14.27 0.11 0.00	17.12 0.10 0.00	19.99 -0.04 0.00	19.19 0.10 0.00	20.48 0.16 0.00	20.91 0.17 0.00	21.14 -0.02 0.00	21.87 -0.10 0.00	20.85 -0.22 0.00	19.93 -0.28 0.00	19.23 -0.35 0.00	20.17 -0.71 37.00	24.14 -0.68 0.00	22.53 -0.72 0.00	23.39 -0.49 0.00	22.20 -0.49 0.00	22.44 -0.43 0.00	19.74 -0.35 0.00	20.36 0.15 0.00
CALVERTON__SOLAR 323806	19.19 0.75 0.00	17.14 0.64 0.00	16.73 0.61 0.00	15.93 0.65 0.00	15.50 0.71 0.00	15.17 0.75 -0.26	20.48 0.91 -2.54	21.07 1.04 0.00	19.93 0.84 0.00	21.96 1.03 -0.61	33.04 1.22 -11.09	109.67 1.30 -87.21	195.75 1.52 -172.27	118.39 1.34 -95.99	46.45 1.47 -24.78	70.71 1.59 -49.54	69.47 3.96 -7.64	36.80 1.89 -10.09	47.34 1.66 -22.43	26.27 1.57 -0.82	24.08 1.39 0.00	24.20 1.33 0.00	21.36 1.27 0.00	20.92 1.12 0.41
CANDIGU_WT_PWR 323617	18.13 -0.31 0.00	16.35 -0.14 0.00	15.92 -0.20 0.00	15.12 -0.16 0.00	14.68 -0.11 0.00	14.19 0.03 0.00	17.07 0.04 0.00	20.13 0.10 0.00	19.28 0.19 0.00	20.62 0.30 0.00	21.06 0.33 0.00	21.40 0.24 0.00	22.20 0.24 0.00	20.96 -0.11 0.00	19.79 -0.41 0.00	19.12 -0.46 0.00	30.92 -1.02 25.94	24.05 -0.77 0.00	22.62 -0.63 0.00	23.43 -0.45 0.00	22.26 -0.43 0.00	22.39 -0.48 0.00	19.66 -0.43 0.00	20.24 0.04 0.00
CARR STREET_E_SYR 24060	18.27 -0.17 0.00	16.36 -0.14 0.00	15.96 -0.16 0.00	15.13 -0.15 0.00	14.66 -0.13 0.00	14.08 -0.08 0.00	16.90 -0.13 0.00	19.87 -0.16 0.00	18.96 -0.13 0.00	20.14 -0.18 0.00	20.56 -0.18 0.00	20.96 -0.20 0.00	21.76 -0.20 0.00	20.85 -0.22 0.00	19.97 -0.23 0.00	19.34 -0.25 0.00	39.09 -0.81 17.98	24.42 -0.40 0.00	22.88 -0.36 0.00	23.55 -0.33 0.00	22.42 -0.27 0.00	22.58 -0.30 0.00	19.77 -0.32 0.00	19.96 -0.26 0.00
CARTHAGE__PAPER 23857	19.04 0.60 0.00	17.00 0.51 0.00	16.56 0.44 0.00	15.69 0.41 0.00	15.22 0.42 0.00	14.62 0.46 0.00	17.70 0.67 0.00	20.89 0.86 0.00	19.83 0.74 0.00	21.01 0.69 0.00	21.47 0.74 0.00	21.89 0.73 0.00	22.50 0.53 0.00	21.53 0.47 0.00	20.62 0.42 0.00	20.02 0.44 0.00	59.23 1.35 0.00	25.51 0.70 0.00	24.04 0.79 0.00	24.62 0.74 0.00	23.27 0.58 0.00	23.57 0.69 0.00	20.62 0.53 0.00	20.73 0.52 0.00

CASSADAGA_WT_PWR 323784	18.33 -0.11 0.00	16.57 0.08 0.00	16.17 0.05 0.00	15.45 0.17 0.00	15.05 0.26 0.00	14.61 0.45 0.00	17.61 0.59 0.00	20.78 0.75 0.00	19.92 0.83 0.00	21.32 1.01 0.00	21.58 0.84 0.00	21.64 0.48 0.00	22.50 0.54 0.00	21.48 0.42 0.00	20.37 0.16 0.00	19.37 -0.21 0.00	22.73 -0.66 34.49	24.15 -0.67 0.00	22.64 -0.61 0.00	23.66 -0.22 0.00	22.45 -0.23 0.00	22.82 -0.06 0.00	20.03 -0.06 0.00	20.70 0.49 0.00
CE_DUNWOOD___DRP 24194	19.26 0.82 0.00	17.18 0.68 0.00	16.71 0.59 0.00	15.84 0.56 0.00	15.34 0.54 0.00	14.71 0.55 0.00	17.68 0.65 0.00	20.94 0.91 0.00	20.03 0.94 0.00	21.45 1.14 0.00	21.93 1.19 0.00	22.47 1.30 0.00	23.51 1.55 0.00	22.57 1.51 0.00	24.90 1.46 -3.24	27.83 1.39 -6.86	61.58 3.70 0.00	26.46 1.64 0.00	24.78 1.53 0.00	25.34 1.46 0.00	24.07 1.38 0.00	24.20 1.32 0.00	21.20 1.11 0.00	21.25 1.05 0.00
CE_MILLWOOD___DRP 24193	19.22 0.78 0.00	17.15 0.65 0.00	16.69 0.56 0.00	15.82 0.54 0.00	15.31 0.52 0.00	14.69 0.52 0.00	17.66 0.63 0.00	20.90 0.87 0.00	20.00 0.91 0.00	21.41 1.09 0.00	21.88 1.15 0.00	22.42 1.25 0.00	23.46 1.49 0.00	22.52 1.46 0.00	24.88 1.41 -3.27	27.86 1.34 -6.94	61.42 3.54 0.00	26.40 1.59 0.00	24.73 1.48 0.00	25.30 1.41 0.00	24.03 1.34 0.00	24.16 1.28 0.00	21.16 1.07 0.00	21.22 1.02 0.00
CE_NYC2_DRP 24202	19.32 0.88 0.00	17.23 0.73 0.00	16.75 0.63 0.00	15.88 0.60 0.00	15.38 0.58 0.00	14.76 0.60 0.00	17.74 0.71 0.00	21.00 0.97 0.00	20.15 1.06 0.00	21.57 1.26 0.00	22.07 1.34 0.00	22.61 1.44 0.00	23.67 1.70 0.00	22.73 1.67 0.00	24.97 1.60 -3.17	27.82 1.53 -6.71	61.85 3.98 0.00	26.60 1.79 0.00	24.94 1.69 0.00	25.46 1.58 0.00	24.17 1.49 0.00	24.29 1.42 0.00	21.28 1.19 0.00	21.34 1.13 0.00
CE_NYC_DRP 24195	19.32 0.88 0.00	17.22 0.73 0.00	16.75 0.63 0.00	15.88 0.60 0.00	15.38 0.59 0.00	14.76 0.60 0.00	17.72 0.70 0.00	21.00 0.97 0.00	20.13 1.04 0.00	21.57 1.25 0.00	22.05 1.32 0.00	22.60 1.44 0.00	23.66 1.70 0.00	22.71 1.65 0.00	24.96 1.59 -3.17	27.82 1.53 -6.72	61.89 4.02 0.00	26.61 1.79 0.00	24.93 1.68 0.00	25.45 1.57 0.00	24.17 1.48 0.00	24.30 1.42 0.00	21.28 1.20 0.00	21.34 1.13 0.00
CHAFFEE___LFGE 323603	18.31 -0.13 0.00	16.47 -0.03 0.00	16.03 -0.10 0.00	15.22 -0.06 0.00	14.76 -0.04 0.00	14.28 0.12 0.00	17.16 0.13 0.00	20.05 0.02 0.00	19.27 0.18 0.00	20.58 0.26 0.00	21.02 0.29 0.00	21.23 0.07 0.00	21.96 -0.01 0.00	20.95 -0.11 0.00	20.02 -0.18 0.00	19.32 -0.27 0.00	21.87 -0.33 35.68	24.22 -0.59 0.00	22.64 -0.61 0.00	23.50 -0.38 0.00	22.30 -0.39 0.00	22.56 -0.31 0.00	19.81 -0.28 0.00	20.44 0.23 0.00
CHATEAUG_35_KV_LOAD 355732	19.01 0.58 0.00	16.99 0.49 0.00	16.58 0.46 0.00	15.68 0.40 0.00	15.16 0.36 0.00	14.48 0.32 0.00	17.46 0.44 0.00	20.45 0.41 0.00	19.32 0.23 0.00	20.55 0.24 0.00	20.88 0.15 0.00	21.25 0.09 0.00	22.01 0.04 0.00	21.08 0.01 0.00	20.24 0.04 0.00	19.90 0.31 0.00	59.46 1.58 0.00	25.51 0.69 0.00	23.80 0.55 0.00	24.30 0.42 0.00	22.96 0.27 0.00	23.39 0.52 0.00	20.66 0.57 0.00	20.77 0.56 0.00
CHATEAUG_WT_PWR 323614	19.02 0.59 0.00	16.99 0.49 0.00	16.58 0.46 0.00	15.69 0.41 0.00	15.16 0.36 0.00	14.48 0.32 0.00	17.46 0.43 0.00	20.45 0.42 0.00	19.32 0.23 0.00	20.55 0.24 0.00	20.88 0.15 0.00	21.25 0.09 0.00	22.02 0.06 0.00	21.09 0.03 0.00	20.23 0.03 0.00	19.91 0.33 0.00	59.58 1.70 0.00	25.55 0.74 0.00	23.86 0.61 0.00	24.36 0.48 0.00	23.01 0.31 0.00	23.44 0.57 0.00	20.70 0.60 0.00	20.81 0.60 0.00
CHAT_HIGH_FALL_HYD 323578	19.01 0.58 0.00	16.99 0.49 0.00	16.58 0.46 0.00	15.68 0.40 0.00	15.16 0.36 0.00	14.48 0.32 0.00	17.46 0.44 0.00	20.45 0.41 0.00	19.32 0.23 0.00	20.55 0.24 0.00	20.88 0.15 0.00	21.25 0.09 0.00	22.01 0.05 0.00	21.08 0.01 0.00	20.24 0.04 0.00	19.89 0.31 0.00	59.46 1.58 0.00	25.51 0.69 0.00	23.80 0.55 0.00	24.30 0.42 0.00	22.96 0.27 0.00	23.39 0.52 0.00	20.66 0.57 0.00	20.77 0.56 0.00
CHAUTAUQUA___LFGE 323629	18.32 -0.11 0.00	16.54 0.05 0.00	16.11 -0.01 0.00	15.37 0.09 0.00	14.95 0.16 0.00	14.48 0.32 0.00	17.43 0.40 0.00	20.53 0.50 0.00	19.66 0.57 0.00	21.04 0.72 0.00	21.39 0.66 0.00	21.57 0.41 0.00	22.42 0.45 0.00	21.43 0.36 0.00	20.38 0.18 0.00	19.49 -0.10 0.00	22.52 -0.08 35.28	24.32 -0.49 0.00	22.74 -0.51 0.00	23.66 -0.22 0.00	22.46 -0.23 0.00	22.77 -0.10 0.00	19.98 -0.10 0.00	20.62 0.41 0.00
CHERRYST_13_KV_LD 356241	19.37 0.93 0.00	17.27 0.77 0.00	16.79 0.67 0.00	15.92 0.64 0.00	15.42 0.63 0.00	14.80 0.64 0.00	17.78 0.75 0.00	21.08 1.05 0.00	20.21 1.12 0.00	21.66 1.34 0.00	22.14 1.41 0.00	22.69 1.53 0.00	23.76 1.80 0.00	22.80 1.74 0.00	25.04 1.67 -3.17	27.91 1.61 -6.72	62.16 4.28 0.00	26.71 1.89 0.00	25.01 1.76 0.00	25.53 1.65 0.00	24.24 1.55 0.00	24.36 1.49 0.00	21.34 1.25 0.00	21.39 1.18 0.00
CHESTROR_138KV_BK263 355645	19.07 0.64 0.00	17.03 0.53 0.00	16.57 0.45 0.00	15.71 0.43 0.00	15.21 0.41 0.00	14.58 0.42 0.00	17.52 0.50 0.00	20.73 0.70 0.00	19.82 0.73 0.00	21.19 0.88 0.00	21.65 0.92 0.00	22.18 1.01 0.00	23.19 1.23 0.00	22.26 1.20 0.00	18.62 1.15 2.74	15.64 1.06 5.00	60.74 2.87 0.00	26.09 1.27 0.00	24.44 1.20 0.00	25.05 1.17 0.00	23.81 1.12 0.00	23.95 1.07 0.00	20.98 0.89 0.00	21.05 0.84 0.00
CH_MIDHUDSON___DRP 24192	19.29 0.85 0.00	17.21 0.72 0.00	16.75 0.63 0.00	15.86 0.58 0.00	15.35 0.55 0.00	14.72 0.56 0.00	17.71 0.68 0.00	20.95 0.92 0.00	20.00 0.91 0.00	21.39 1.07 0.00	21.84 1.10 0.00	22.37 1.21 0.00	23.37 1.41 0.00	22.43 1.37 0.00	22.71 1.34 -1.17	23.33 1.27 -2.48	61.21 3.33 0.00	26.30 1.48 0.00	24.64 1.40 0.00	25.25 1.37 0.00	24.05 1.36 0.00	24.18 1.31 0.00	21.19 1.10 0.00	21.24 1.04 0.00
CH_MISC_IPPS 23765	19.36 0.92 0.00	17.27 0.78 0.00	16.80 0.68 0.00	15.90 0.62 0.00	15.35 0.56 0.00	14.72 0.56 0.00	17.71 0.68 0.00	20.96 0.93 0.00	19.96 0.87 0.00	21.33 1.02 0.00	21.79 1.06 0.00	22.34 1.18 0.00	23.28 1.32 0.00	22.32 1.26 0.00	22.12 1.22 -0.70	22.21 1.14 -1.49	60.87 2.99 0.00	26.16 1.34 0.00	24.51 1.27 0.00	25.20 1.32 0.00	24.17 1.48 0.00	24.33 1.45 0.00	21.29 1.21 0.00	21.35 1.13 0.00
CH_RES_BVR_FALLS 23983	18.37 -0.06 0.00	16.41 -0.09 0.00	16.02 -0.10 0.00	15.17 -0.11 0.00	14.69 -0.11 0.00	14.06 -0.10 0.00	16.96 -0.07 0.00	19.95 -0.08 0.00	18.95 -0.14 0.00	20.10 -0.22 0.00	20.55 -0.19 0.00	20.92 -0.25 0.00	21.67 -0.29 0.00	20.84 -0.22 0.00	20.03 -0.17 0.00	19.46 -0.13 0.00	57.48 -0.40 0.00	24.68 -0.14 0.00	23.09 -0.16 0.00	23.71 -0.17 0.00	22.46 -0.22 0.00	22.64 -0.23 0.00	19.91 -0.18 0.00	20.02 -0.19 0.00

CH_RES_NIAGARA 23895	17.63 -0.81 0.00	15.91 -0.58 0.00	15.50 -0.62 0.00	14.71 -0.57 0.00	14.25 -0.54 0.00	13.80 -0.35 0.00	16.55 -0.48 0.00	19.21 -0.82 0.00	18.46 -0.63 0.00	19.67 -0.65 0.00	20.05 -0.68 0.00	20.25 -0.91 0.00	20.90 -1.06 0.00	19.97 -1.10 0.00	19.17 -1.03 0.00	18.51 -1.07 0.00	14.31 -3.42 40.14	23.24 -1.57 0.00	21.63 -1.61 0.00	22.46 -1.42 0.00	21.31 -1.38 0.00	21.54 -1.33 0.00	19.02 -1.07 0.00	19.66 -0.55 0.00
CH_RES_SYRACUSE 23985	18.38 -0.06 0.00	16.46 -0.03 0.00	16.06 -0.06 0.00	15.23 -0.05 0.00	14.78 -0.02 0.00	14.19 0.03 0.00	17.06 0.03 0.00	20.06 0.03 0.00	19.12 0.03 0.00	20.32 0.00 0.00	20.72 -0.01 0.00	21.12 -0.04 0.00	21.93 -0.04 0.00	21.02 -0.04 0.00	20.12 -0.08 0.00	19.50 -0.09 0.00	57.55 -0.33 0.00	24.64 -0.18 0.00	23.09 -0.15 0.00	23.76 -0.13 0.00	22.58 -0.11 0.00	22.74 -0.14 0.00	19.92 -0.18 0.00	20.08 -0.13 0.00
CLINTON_WT_PWR 323605	19.02 0.59 0.00	16.99 0.49 0.00	16.58 0.46 0.00	15.69 0.41 0.00	15.16 0.36 0.00	14.48 0.32 0.00	17.46 0.43 0.00	20.45 0.42 0.00	19.32 0.23 0.00	20.55 0.24 0.00	20.88 0.15 0.00	21.25 0.09 0.00	22.02 0.06 0.00	21.09 0.03 0.00	20.23 0.03 0.00	19.91 0.33 0.00	59.58 1.70 0.00	25.55 0.74 0.00	23.86 0.61 0.00	24.36 0.48 0.00	23.01 0.31 0.00	23.44 0.57 0.00	20.70 0.60 0.00	20.81 0.60 0.00
CLINTON___LFGE 323618	19.24 0.81 0.00	17.18 0.68 0.00	16.75 0.63 0.00	15.83 0.55 0.00	15.29 0.50 0.00	14.61 0.45 0.00	17.63 0.61 0.00	20.64 0.61 0.00	19.46 0.37 0.00	20.69 0.37 0.00	21.00 0.27 0.00	21.39 0.22 0.00	22.20 0.24 0.00	21.26 0.20 0.00	20.38 0.17 0.00	20.12 0.53 0.00	60.39 2.51 0.00	25.95 1.14 0.00	24.24 0.99 0.00	24.73 0.85 0.00	23.35 0.66 0.00	23.76 0.89 0.00	20.97 0.88 0.00	21.08 0.87 0.00
COBBLENY_34_KV_TB1 80064	18.31 -0.13 0.00	16.47 -0.03 0.00	16.03 -0.10 0.00	15.21 -0.06 0.00	14.76 -0.04 0.00	14.28 0.12 0.00	17.16 0.13 0.00	20.05 0.02 0.00	19.27 0.18 0.00	20.57 0.26 0.00	21.01 0.28 0.00	21.23 0.06 0.00	21.96 0.00 0.00	20.95 -0.11 0.00	19.99 -0.21 0.00	19.30 -0.28 0.00	21.75 -0.45 35.68	24.22 -0.59 0.00	22.64 -0.61 0.00	23.50 -0.38 0.00	22.31 -0.38 0.00	22.56 -0.31 0.00	19.81 -0.28 0.00	20.43 0.23 0.00
COFFEEN___115KV_TB3 355620	19.07 0.63 0.00	17.03 0.53 0.00	16.56 0.44 0.00	15.70 0.42 0.00	15.23 0.44 0.00	14.66 0.50 0.00	17.76 0.73 0.00	21.00 0.97 0.00	19.97 0.87 0.00	21.15 0.83 0.00	21.60 0.86 0.00	22.01 0.85 0.00	22.55 0.59 0.00	21.56 0.50 0.00	20.66 0.45 0.00	20.08 0.49 0.00	67.40 1.42 -8.10	25.54 0.73 0.00	24.11 0.86 0.00	24.70 0.82 0.00	23.32 0.63 0.00	23.64 0.76 0.00	20.63 0.54 0.00	20.75 0.54 0.00
COLDSPRG_115KV_BK1 355956	18.58 0.14 0.00	16.77 0.28 0.00	16.34 0.22 0.00	15.57 0.29 0.00	15.15 0.36 0.00	14.67 0.51 0.00	17.65 0.63 0.00	20.86 0.83 0.00	20.01 0.92 0.00	21.40 1.09 0.00	21.74 1.01 0.00	21.92 0.76 0.00	22.81 0.84 0.00	21.77 0.71 0.00	20.72 0.52 0.00	19.84 0.25 0.00	25.53 0.91 33.26	24.79 -0.02 0.00	23.19 -0.06 0.00	24.12 0.23 0.00	22.88 0.19 0.00	23.17 0.30 0.00	20.33 0.24 0.00	20.94 0.73 0.00
COLONIE_LFGE___ 323577	19.25 0.81 0.00	17.21 0.72 0.00	16.78 0.66 0.00	15.91 0.63 0.00	15.39 0.60 0.00	14.74 0.58 0.00	17.73 0.70 0.00	20.92 0.89 0.00	19.92 0.83 0.00	21.19 0.88 0.00	21.61 0.88 0.00	22.10 0.94 0.00	23.04 1.07 0.00	22.08 1.02 0.00	22.01 1.00 -0.80	22.21 0.91 -1.72	60.38 2.51 0.00	25.91 1.10 0.00	24.27 1.03 0.00	24.95 1.07 0.00	23.72 1.03 0.00	23.84 0.96 0.00	20.96 0.87 0.00	21.05 0.85 0.00
COOPERNY_115KV_TB1 80082	18.89 0.45 0.00	16.87 0.37 0.00	16.43 0.31 0.00	15.57 0.29 0.00	15.08 0.28 0.00	14.46 0.30 0.00	17.38 0.35 0.00	20.53 0.50 0.00	19.62 0.53 0.00	20.96 0.65 0.00	21.42 0.69 0.00	21.92 0.76 0.00	22.88 0.91 0.00	21.95 0.89 0.00	19.61 0.85 1.44	17.27 0.79 3.09	59.98 2.10 0.00	25.73 0.92 0.00	24.12 0.87 0.00	24.73 0.85 0.00	23.50 0.81 0.00	23.65 0.77 0.00	20.73 0.64 0.00	20.82 0.61 0.00
COPENHAGEN_WT_PWR 323753	18.86 0.43 0.00	16.85 0.35 0.00	16.37 0.25 0.00	15.53 0.25 0.00	15.06 0.27 0.00	14.49 0.34 0.00	17.55 0.53 0.00	20.76 0.73 0.00	19.73 0.64 0.00	20.87 0.55 0.00	21.33 0.60 0.00	21.73 0.57 0.00	22.28 0.32 0.00	21.32 0.26 0.00	20.46 0.26 0.00	19.88 0.29 0.00	67.51 0.91 -8.73	25.30 0.49 0.00	23.84 0.60 0.00	24.34 0.46 0.00	22.93 0.25 0.00	23.28 0.40 0.00	20.34 0.26 0.00	20.49 0.28 0.00
CORNELL_____ 23752	18.69 0.25 0.00	16.73 0.24 0.00	16.32 0.20 0.00	15.48 0.20 0.00	15.01 0.22 0.00	14.44 0.28 0.00	17.39 0.36 0.00	20.48 0.45 0.00	19.53 0.44 0.00	20.80 0.48 0.00	21.21 0.48 0.00	21.64 0.48 0.00	22.51 0.55 0.00	21.51 0.44 0.00	20.52 0.31 0.00	19.85 0.27 0.00	48.17 1.03 10.74	25.20 0.38 0.00	23.64 0.40 0.00	24.34 0.46 0.00	23.13 0.44 0.00	23.30 0.42 0.00	20.37 0.28 0.00	20.55 0.35 0.00
CORONA_AV_69_KV_TB1 355595	19.46 1.02 0.00	17.35 0.86 0.00	16.91 0.79 0.00	16.06 0.78 0.00	15.61 0.82 0.00	15.26 0.84 -0.26	20.58 1.02 -2.54	21.28 1.25 0.00	20.24 1.15 0.00	22.31 1.38 -0.61	33.41 1.58 -11.09	110.08 1.71 -87.21	196.20 1.97 -172.27	118.95 1.90 -95.99	46.78 1.80 -24.78	70.83 1.71 -49.54	69.93 4.42 -7.64	37.05 2.13 -10.10	47.68 1.99 -22.44	26.64 1.93 -0.82	24.47 1.78 0.00	24.60 1.72 0.00	21.55 1.46 0.00	26.14 1.36 -4.56
CORTLAND_115KV_TB3 80093	18.57 0.14 0.00	16.63 0.13 0.00	16.21 0.09 0.00	15.38 0.10 0.00	14.91 0.12 0.00	14.32 0.16 0.00	17.24 0.21 0.00	20.32 0.28 0.00	19.38 0.29 0.00	20.63 0.32 0.00	21.05 0.32 0.00	21.49 0.32 0.00	22.35 0.38 0.00	21.40 0.33 0.00	20.44 0.23 0.00	19.77 0.19 0.00	48.71 0.61 9.78	25.02 0.21 0.00	23.47 0.22 0.00	24.16 0.28 0.00	22.95 0.26 0.00	23.14 0.26 0.00	20.25 0.16 0.00	20.43 0.23 0.00
COXSACKIE___GT 23611	19.64 1.20 0.00	17.62 1.12 0.00	17.20 1.08 0.00	16.31 1.03 0.00	15.79 1.00 0.00	15.10 0.94 0.00	18.11 1.09 0.00	21.24 1.21 0.00	20.28 1.19 0.00	21.42 1.10 0.00	21.82 1.09 0.00	22.24 1.08 0.00	23.37 1.41 0.00	22.58 1.52 0.00	22.04 1.33 -0.51	22.03 1.36 -1.09	61.22 3.35 0.00	26.34 1.52 0.00	24.92 1.67 0.00	25.59 1.70 0.00	24.36 1.68 0.00	24.52 1.65 0.00	21.46 1.37 0.00	21.50 1.29 0.00
CPV_VALLEY___CC1 323721	18.94 0.50 0.00	16.90 0.41 0.00	16.46 0.34 0.00	15.60 0.32 0.00	15.10 0.31 0.00	14.48 0.32 0.00	17.40 0.37 0.00	20.58 0.55 0.00	19.68 0.58 0.00	21.03 0.71 0.00	21.49 0.76 0.00	22.01 0.84 0.00	23.00 1.03 0.00	22.06 1.00 0.00	19.10 0.96 2.07	16.05 0.91 4.43	60.23 2.36 0.00	25.87 1.06 0.00	24.24 0.99 0.00	24.84 0.95 0.00	23.60 0.91 0.00	23.74 0.87 0.00	20.81 0.72 0.00	20.89 0.67 0.00

CPV_VALLEY___CC2 323722	18.94 0.50 0.00	16.90 0.41 0.00	16.46 0.34 0.00	15.60 0.32 0.00	15.10 0.31 0.00	14.48 0.32 0.00	17.40 0.37 0.00	20.58 0.55 0.00	19.68 0.58 0.00	21.03 0.71 0.00	21.49 0.76 0.00	22.01 0.84 0.00	23.00 1.03 0.00	22.06 1.00 0.00	19.10 0.96 2.07	16.05 0.91 4.43	60.23 2.36 0.00	25.87 1.06 0.00	24.24 0.99 0.00	24.84 0.95 0.00	23.60 0.91 0.00	23.74 0.87 0.00	20.81 0.72 0.00	20.89 0.67 0.00
CRESCENT___HYD 24018	19.25 0.81 0.00	17.21 0.72 0.00	16.78 0.66 0.00	15.91 0.63 0.00	15.39 0.60 0.00	14.74 0.58 0.00	17.73 0.70 0.00	20.92 0.89 0.00	19.92 0.83 0.00	21.19 0.88 0.00	21.61 0.88 0.00	22.10 0.94 0.00	23.04 1.07 0.00	22.08 1.02 0.00	22.01 1.00 -0.80	22.21 0.91 -1.72	60.38 2.51 0.00	25.91 1.10 0.00	24.27 1.03 0.00	24.95 1.07 0.00	23.72 1.03 0.00	23.84 0.96 0.00	20.96 0.87 0.00	21.05 0.85 0.00
CRICKET___VALLEY_CC1 323756	19.15 0.72 0.00	17.11 0.61 0.00	16.64 0.52 0.00	15.77 0.49 0.00	15.27 0.48 0.00	14.64 0.48 0.00	17.62 0.59 0.00	20.85 0.81 0.00	19.90 0.81 0.00	21.27 0.95 0.00	21.65 0.92 0.00	22.17 1.01 0.00	23.19 1.22 0.00	22.27 1.21 0.00	23.65 1.25 -2.20	25.42 1.18 -4.66	60.84 2.97 0.00	26.16 1.34 0.00	24.50 1.25 0.00	25.07 1.18 0.00	23.82 1.13 0.00	23.94 1.06 0.00	21.00 0.91 0.00	21.07 0.86 0.00
CRICKET___VALLEY_CC2 323757	19.15 0.72 0.00	17.11 0.61 0.00	16.64 0.52 0.00	15.77 0.49 0.00	15.27 0.48 0.00	14.64 0.48 0.00	17.62 0.59 0.00	20.85 0.81 0.00	19.90 0.81 0.00	21.27 0.95 0.00	21.65 0.92 0.00	22.17 1.01 0.00	23.19 1.22 0.00	22.27 1.21 0.00	23.65 1.25 -2.20	25.42 1.18 -4.66	60.84 2.97 0.00	26.16 1.34 0.00	24.50 1.25 0.00	25.07 1.18 0.00	23.82 1.13 0.00	23.94 1.06 0.00	21.00 0.91 0.00	21.07 0.86 0.00
CRICKET___VALLEY_CC3 323758	19.15 0.72 0.00	17.11 0.61 0.00	16.64 0.52 0.00	15.77 0.49 0.00	15.27 0.48 0.00	14.64 0.48 0.00	17.62 0.59 0.00	20.85 0.81 0.00	19.90 0.81 0.00	21.27 0.95 0.00	21.65 0.92 0.00	22.17 1.01 0.00	23.19 1.22 0.00	22.27 1.21 0.00	23.65 1.25 -2.20	25.42 1.18 -4.66	60.84 2.97 0.00	26.16 1.34 0.00	24.50 1.25 0.00	25.07 1.18 0.00	23.82 1.13 0.00	23.94 1.06 0.00	21.00 0.91 0.00	21.07 0.86 0.00
CRUCIBLE_METL_DRP 24180	18.38 -0.06 0.00	16.46 -0.03 0.00	16.06 -0.06 0.00	15.23 -0.05 0.00	14.78 -0.02 0.00	14.19 0.03 0.00	17.06 0.03 0.00	20.06 0.03 0.00	19.12 0.03 0.00	20.31 0.00 0.00	20.72 -0.01 0.00	21.12 -0.04 0.00	21.93 -0.04 0.00	21.02 -0.04 0.00	20.12 -0.09 0.00	19.49 -0.09 0.00	57.55 -0.33 0.00	24.63 -0.18 0.00	23.09 -0.15 0.00	23.76 -0.13 0.00	22.58 -0.11 0.00	22.74 -0.14 0.00	19.91 -0.18 0.00	20.08 -0.13 0.00
DAHOWA___HYDRO 323763	19.52 1.09 0.00	17.44 0.94 0.00	17.00 0.88 0.00	16.11 0.84 0.00	15.60 0.81 0.00	14.97 0.82 0.00	18.04 1.01 0.00	21.27 1.24 0.00	20.25 1.16 0.00	21.52 1.20 0.00	21.95 1.21 0.00	22.40 1.24 0.00	23.39 1.43 0.00	22.43 1.37 0.00	22.27 1.32 -0.75	22.49 1.29 -1.61	61.55 3.68 0.00	26.39 1.58 0.00	24.75 1.51 0.00	25.34 1.46 0.00	24.15 1.46 0.00	24.23 1.35 0.00	21.44 1.35 0.00	21.54 1.33 0.00
DANC___LFGE 323619	18.59 0.15 0.00	16.62 0.12 0.00	16.17 0.05 0.00	15.33 0.05 0.00	14.87 0.08 0.00	14.30 0.13 0.00	17.27 0.24 0.00	20.38 0.35 0.00	19.39 0.30 0.00	20.54 0.22 0.00	20.98 0.25 0.00	21.37 0.21 0.00	22.02 0.05 0.00	21.07 0.01 0.00	20.21 0.01 0.00	19.59 0.01 0.00	70.01 -0.02 -12.16	24.87 0.06 0.00	23.39 0.14 0.00	23.95 0.07 0.00	22.65 -0.04 0.00	22.96 0.09 0.00	20.07 -0.02 0.00	20.22 0.02 0.00
DANSKAMMER___1 23586	19.36 0.92 0.00	17.27 0.78 0.00	16.80 0.68 0.00	15.90 0.62 0.00	15.35 0.56 0.00	14.72 0.56 0.00	17.71 0.68 0.00	20.96 0.93 0.00	19.96 0.87 0.00	21.33 1.02 0.00	21.79 1.06 0.00	22.34 1.18 0.00	23.28 1.32 0.00	22.32 1.26 0.00	22.12 1.22 -0.70	22.21 1.14 -1.49	60.87 2.99 0.00	26.16 1.34 0.00	24.51 1.27 0.00	25.20 1.32 0.00	24.17 1.48 0.00	24.33 1.45 0.00	21.29 1.21 0.00	21.35 1.13 0.00
DANSKAMMER___2 23589	19.36 0.92 0.00	17.27 0.78 0.00	16.80 0.68 0.00	15.90 0.62 0.00	15.35 0.56 0.00	14.72 0.56 0.00	17.71 0.68 0.00	20.96 0.93 0.00	19.96 0.87 0.00	21.33 1.02 0.00	21.79 1.06 0.00	22.34 1.18 0.00	23.28 1.32 0.00	22.32 1.26 0.00	22.12 1.22 -0.70	22.21 1.14 -1.49	60.87 2.99 0.00	26.16 1.34 0.00	24.51 1.27 0.00	25.20 1.32 0.00	24.17 1.48 0.00	24.33 1.45 0.00	21.29 1.21 0.00	21.35 1.13 0.00
DANSKAMMER___3 23590	19.36 0.92 0.00	17.27 0.78 0.00	16.80 0.68 0.00	15.90 0.62 0.00	15.35 0.56 0.00	14.72 0.56 0.00	17.71 0.68 0.00	20.96 0.93 0.00	19.96 0.87 0.00	21.33 1.02 0.00	21.79 1.06 0.00	22.34 1.18 0.00	23.28 1.32 0.00	22.32 1.26 0.00	22.12 1.22 -0.70	22.21 1.14 -1.49	60.87 2.99 0.00	26.16 1.34 0.00	24.51 1.27 0.00	25.20 1.32 0.00	24.17 1.48 0.00	24.33 1.45 0.00	21.29 1.21 0.00	21.35 1.13 0.00
DANSKAMMER___4 23591	19.36 0.92 0.00	17.27 0.78 0.00	16.80 0.68 0.00	15.90 0.62 0.00	15.35 0.56 0.00	14.72 0.56 0.00	17.71 0.68 0.00	20.96 0.93 0.00	19.96 0.87 0.00	21.33 1.02 0.00	21.79 1.06 0.00	22.34 1.18 0.00	23.28 1.32 0.00	22.32 1.26 0.00	22.12 1.22 -0.70	22.21 1.14 -1.49	60.87 2.99 0.00	26.16 1.34 0.00	24.51 1.27 0.00	25.20 1.32 0.00	24.17 1.48 0.00	24.33 1.45 0.00	21.29 1.21 0.00	21.35 1.13 0.00
DANSKAMMER___DIESEL 23592	19.36 0.92 0.00	17.27 0.78 0.00	16.80 0.68 0.00	15.90 0.62 0.00	15.36 0.56 0.00	14.72 0.56 0.00	17.71 0.68 0.00	20.96 0.93 0.00	19.96 0.87 0.00	21.34 1.02 0.00	21.79 1.06 0.00	22.34 1.18 0.00	23.29 1.32 0.00	22.32 1.26 0.00	22.13 1.22 -0.70	22.21 1.14 -1.49	60.87 2.99 0.00	26.16 1.34 0.00	24.51 1.27 0.00	25.20 1.32 0.00	24.17 1.48 0.00	24.32 1.45 0.00	21.29 1.21 0.00	21.35 1.14 0.00
DARBY___SOLAR 323810	19.45 1.02 0.00	17.38 0.88 0.00	16.94 0.82 0.00	16.06 0.78 0.00	15.55 0.76 0.00	14.91 0.75 0.00	17.96 0.93 0.00	21.19 1.16 0.00	20.18 1.09 0.00	21.44 1.12 0.00	21.87 1.14 0.00	22.34 1.18 0.00	23.32 1.36 0.00	22.37 1.30 0.00	22.22 1.25 -0.76	22.42 1.21 -1.63	61.30 3.42 0.00	26.29 1.48 0.00	24.65 1.41 0.00	25.26 1.37 0.00	24.06 1.37 0.00	24.14 1.27 0.00	21.34 1.25 0.00	21.45 1.24 0.00
DASHVILLE___HYD 23610	19.05 0.61 0.00	16.98 0.48 0.00	16.51 0.39 0.00	15.63 0.35 0.00	15.12 0.32 0.00	14.50 0.34 0.00	17.45 0.43 0.00	20.68 0.65 0.00	19.76 0.67 0.00	21.17 0.85 0.00	21.63 0.90 0.00	22.19 1.03 0.00	23.21 1.25 0.00	22.26 1.20 0.00	21.33 1.12 0.00	20.67 1.06 -0.02	60.62 2.75 0.00	26.02 1.21 0.00	24.40 1.15 0.00	25.00 1.12 0.00	23.80 1.11 0.00	23.93 1.05 0.00	20.95 0.86 0.00	21.01 0.80 0.00

DEERFIELD_69_KV_DEERFIELD LD 355887	19.51 1.08 0.00	17.43 0.93 0.00	17.02 0.90 0.00	16.20 0.92 0.00	15.77 0.98 0.00	15.43 1.01 -0.26	20.81 1.25 -2.54	21.47 1.44 0.00	20.33 1.24 0.00	22.42 1.49 -0.61	33.50 1.67 -11.09	110.12 1.75 -87.21	196.11 1.87 -172.27	118.81 1.76 -95.99	46.90 1.92 -24.78	71.13 2.00 -49.54	70.85 5.34 -7.64	37.41 2.50 -10.09	47.90 2.22 -22.43	26.83 2.13 -0.82	24.59 1.90 0.00	24.69 1.82 0.00	21.77 1.69 0.00	21.32 1.51 0.40
DELAWARE___LFGE 323621	18.90 0.46 0.00	16.90 0.40 0.00	16.48 0.36 0.00	15.62 0.34 0.00	15.14 0.34 0.00	14.52 0.36 0.00	17.48 0.45 0.00	20.62 0.59 0.00	19.67 0.58 0.00	21.00 0.68 0.00	21.44 0.70 0.00	21.87 0.71 0.00	22.80 0.83 0.00	21.86 0.80 0.00	20.94 0.74 0.00	20.27 0.69 0.00	53.14 1.89 6.62	25.60 0.78 0.00	24.02 0.77 0.00	24.67 0.79 0.00	23.44 0.75 0.00	23.61 0.73 0.00	20.66 0.57 0.00	20.79 0.58 0.00
DERFIELD_115KV_TB7 355931	18.46 0.02 0.00	16.51 0.02 0.00	16.12 0.00 0.00	15.28 0.00 0.00	14.80 0.00 0.00	14.16 0.00 0.00	17.03 0.00 0.00	20.05 0.02 0.00	19.12 0.03 0.00	20.34 0.02 0.00	20.75 0.02 0.00	21.20 0.04 0.00	22.03 0.07 0.00	21.13 0.06 0.00	20.27 0.06 0.00	19.63 0.04 0.00	58.10 0.23 0.00	24.92 0.10 0.00	23.36 0.12 0.00	24.00 0.12 0.00	22.80 0.11 0.00	22.97 0.09 0.00	20.16 0.06 0.00	20.27 0.06 0.00
DOGLEVILLE___HYD 23807	18.27 -0.16 0.00	16.28 -0.21 0.00	15.86 -0.26 0.00	15.05 -0.23 0.00	14.59 -0.21 0.00	13.95 -0.21 0.00	16.71 -0.32 0.00	19.78 -0.25 0.00	18.81 -0.28 0.00	20.04 -0.28 0.00	20.51 -0.22 0.00	21.26 0.09 0.00	22.16 0.19 0.00	21.22 0.16 0.00	20.31 0.10 0.00	19.56 -0.03 0.00	58.20 0.33 0.00	24.73 -0.09 0.00	23.29 0.05 0.00	24.00 0.12 0.00	22.83 0.14 0.00	22.91 0.04 0.00	20.09 0.00 0.00	20.13 -0.08 0.00
DUNKIRK___115KV_TB_200 55889	18.32 -0.12 0.00	16.53 0.04 0.00	16.10 -0.02 0.00	15.36 0.08 0.00	14.93 0.14 0.00	14.45 0.29 0.00	17.39 0.36 0.00	20.48 0.45 0.00	19.62 0.52 0.00	20.98 0.67 0.00	21.34 0.61 0.00	21.54 0.38 0.00	22.40 0.43 0.00	21.41 0.34 0.00	20.36 0.16 0.00	19.49 -0.09 0.00	22.54 0.02 35.35	24.33 -0.48 0.00	22.75 -0.50 0.00	23.66 -0.22 0.00	22.45 -0.24 0.00	22.76 -0.12 0.00	19.97 -0.12 0.00	20.60 0.39 0.00
DUNKIRK___1 23563	18.32 -0.12 0.00	16.53 0.04 0.00	16.10 -0.02 0.00	15.36 0.08 0.00	14.93 0.14 0.00	14.45 0.29 0.00	17.39 0.36 0.00	20.48 0.45 0.00	19.62 0.52 0.00	20.98 0.67 0.00	21.34 0.61 0.00	21.54 0.38 0.00	22.40 0.43 0.00	21.41 0.34 0.00	20.36 0.16 0.00	19.49 -0.09 0.00	22.54 0.02 35.35	24.33 -0.48 0.00	22.75 -0.50 0.00	23.66 -0.22 0.00	22.45 -0.24 0.00	22.76 -0.12 0.00	19.97 -0.12 0.00	20.60 0.39 0.00
DUNKIRK___2 23564	18.32 -0.12 0.00	16.53 0.04 0.00	16.10 -0.02 0.00	15.36 0.08 0.00	14.93 0.14 0.00	14.45 0.29 0.00	17.39 0.36 0.00	20.48 0.45 0.00	19.62 0.52 0.00	20.98 0.67 0.00	21.34 0.61 0.00	21.54 0.38 0.00	22.40 0.43 0.00	21.41 0.34 0.00	20.36 0.16 0.00	19.49 -0.09 0.00	22.54 0.02 35.35	24.33 -0.48 0.00	22.75 -0.50 0.00	23.66 -0.22 0.00	22.45 -0.24 0.00	22.76 -0.12 0.00	19.97 -0.12 0.00	20.60 0.39 0.00
DUNKIRK___3 23565	18.27 -0.17 0.00	16.48 -0.01 0.00	16.05 -0.07 0.00	15.29 0.02 0.00	14.87 0.07 0.00	14.38 0.22 0.00	17.28 0.26 0.00	20.32 0.30 0.00	19.47 0.38 0.00	20.83 0.51 0.00	21.20 0.47 0.00	21.41 0.25 0.00	22.25 0.28 0.00	21.26 0.19 0.00	20.26 0.06 0.00	19.43 -0.16 0.00	22.33 -0.14 35.40	24.27 -0.55 0.00	22.68 -0.57 0.00	23.56 -0.32 0.00	22.36 -0.33 0.00	22.64 -0.23 0.00	19.88 -0.20 0.00	20.50 0.29 0.00
DUNKIRK___4 23566	18.27 -0.17 0.00	16.48 -0.01 0.00	16.05 -0.07 0.00	15.29 0.02 0.00	14.87 0.07 0.00	14.38 0.22 0.00	17.28 0.26 0.00	20.32 0.30 0.00	19.47 0.38 0.00	20.83 0.51 0.00	21.20 0.47 0.00	21.41 0.25 0.00	22.25 0.28 0.00	21.26 0.19 0.00	20.26 0.06 0.00	19.43 -0.16 0.00	22.33 -0.14 35.40	24.27 -0.55 0.00	22.68 -0.57 0.00	23.56 -0.32 0.00	22.36 -0.33 0.00	22.64 -0.23 0.00	19.88 -0.20 0.00	20.50 0.29 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	19.29 0.85 0.00	17.20 0.71 0.00	16.74 0.62 0.00	15.86 0.58 0.00	15.37 0.57 0.00	14.73 0.57 0.00	17.71 0.68 0.00	20.98 0.95 0.00	20.08 0.99 0.00	21.50 1.19 0.00	21.98 1.25 0.00	22.52 1.36 0.00	23.57 1.60 0.00	22.62 1.56 0.00	24.88 1.51 -3.17	27.74 1.44 -6.71	61.71 3.83 0.00	26.51 1.70 0.00	24.84 1.59 0.00	25.39 1.51 0.00	24.11 1.42 0.00	24.24 1.36 0.00	21.24 1.15 0.00	21.29 1.09 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	19.18 0.74 0.00	17.11 0.61 0.00	16.65 0.53 0.00	15.77 0.49 0.00	15.26 0.46 0.00	14.63 0.47 0.00	17.59 0.57 0.00	20.82 0.79 0.00	19.88 0.78 0.00	21.26 0.95 0.00	21.72 0.98 0.00	22.27 1.10 0.00	23.26 1.30 0.00	22.31 1.25 0.00	20.85 1.21 0.56	19.50 1.13 1.21	60.87 3.00 0.00	26.15 1.33 0.00	24.51 1.26 0.00	25.13 1.25 0.00	23.96 1.27 0.00	24.10 1.23 0.00	21.10 1.01 0.00	21.16 0.96 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	19.34 0.90 0.00	17.22 0.72 0.00	16.75 0.63 0.00	15.88 0.60 0.00	15.38 0.58 0.00	14.75 0.59 0.00	17.74 0.71 0.00	20.99 0.96 0.00	20.13 1.04 0.00	21.53 1.22 0.00	22.02 1.29 0.00	22.55 1.39 0.00	23.61 1.64 0.00	22.68 1.62 0.00	24.91 1.54 -3.17	27.77 1.47 -6.71	61.60 3.72 0.00	26.55 1.74 0.00	24.88 1.63 0.00	25.43 1.55 0.00	24.16 1.47 0.00	24.29 1.42 0.00	21.27 1.19 0.00	21.31 1.10 0.00
E179THST_13_KV_LOAD 356214	19.43 0.99 0.00	17.30 0.80 0.00	16.82 0.70 0.00	15.94 0.66 0.00	15.44 0.65 0.00	14.82 0.66 0.00	17.82 0.79 0.00	21.09 1.06 0.00	20.24 1.15 0.00	21.65 1.33 0.00	22.14 1.41 0.00	22.68 1.52 0.00	23.74 1.77 0.00	22.80 1.74 0.00	25.02 1.65 -3.17	27.88 1.58 -6.71	61.92 4.04 0.00	26.70 1.88 0.00	25.01 1.76 0.00	25.56 1.68 0.00	24.28 1.59 0.00	24.40 1.53 0.00	21.38 1.29 0.00	21.40 1.19 0.00
EAST HAMPTON___GT 23717	19.76 1.33 0.00	17.66 1.17 0.00	17.25 1.12 0.00	16.42 1.14 0.00	15.98 1.19 0.00	15.64 1.22 -0.26	21.07 1.51 -2.54	21.79 1.76 0.00	20.62 1.53 0.00	22.75 1.82 -0.61	33.81 1.99 -11.09	110.43 2.06 -87.21	196.28 2.04 -172.27	119.04 1.99 -95.99	47.19 2.21 -24.78	71.36 2.24 -49.54	71.85 6.34 -7.64	37.86 2.95 -10.09	48.32 2.64 -22.43	27.26 2.55 -0.82	24.97 2.28 0.00	25.08 2.20 0.00	22.10 2.01 0.00	21.61 1.80 0.40
EAST RIVER___6 23660	19.31 0.88 0.00	17.22 0.73 0.00	16.76 0.64 0.00	15.90 0.62 0.00	15.40 0.61 0.00	14.78 0.62 0.00	17.73 0.70 0.00	21.01 0.98 0.00	20.14 1.05 0.00	21.57 1.25 0.00	22.06 1.32 0.00	22.58 1.42 0.00	23.65 1.68 0.00	22.69 1.63 0.00	24.95 1.58 -3.17	27.82 1.52 -6.72	61.90 4.02 0.00	26.61 1.79 0.00	24.92 1.67 0.00	25.43 1.55 0.00	24.15 1.47 0.00	24.27 1.40 0.00	21.26 1.18 0.00	21.32 1.11 0.00

EAST RIVER___7 23524	19.31 0.88 0.00	17.22 0.73 0.00	16.76 0.64 0.00	15.90 0.62 0.00	15.40 0.61 0.00	14.78 0.62 0.00	17.73 0.70 0.00	21.01 0.98 0.00	20.14 1.05 0.00	21.57 1.25 0.00	22.06 1.32 0.00	22.58 1.42 0.00	23.65 1.68 0.00	22.69 1.63 0.00	24.95 1.58 -3.17	27.82 1.52 -6.72	61.90 4.02 0.00	26.61 1.79 0.00	24.92 1.67 0.00	25.43 1.55 0.00	24.15 1.47 0.00	24.27 1.40 0.00	21.26 1.18 0.00	21.32 1.11 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	19.26 0.82 0.00	17.18 0.68 0.00	16.71 0.59 0.00	15.84 0.56 0.00	15.34 0.54 0.00	14.71 0.55 0.00	17.68 0.65 0.00	20.94 0.91 0.00	20.03 0.94 0.00	21.45 1.14 0.00	21.93 1.19 0.00	22.47 1.30 0.00	23.51 1.55 0.00	22.57 1.51 0.00	24.90 1.46 -3.24	27.83 1.39 -6.86	61.58 3.70 0.00	26.46 1.64 0.00	24.78 1.53 0.00	25.34 1.46 0.00	24.07 1.38 0.00	24.20 1.32 0.00	21.20 1.11 0.00	21.25 1.05 0.00
EAST_HAMPTON___DIESEL 23722	19.76 1.32 0.00	17.66 1.17 0.00	17.25 1.12 0.00	16.41 1.13 0.00	15.98 1.19 0.00	15.64 1.22 -0.26	21.07 1.50 -2.54	21.79 1.76 0.00	20.62 1.53 0.00	22.74 1.81 -0.61	33.81 1.98 -11.09	110.43 2.06 -87.21	196.29 2.05 -172.27	119.05 2.00 -95.99	47.19 2.21 -24.78	71.36 2.24 -49.54	71.85 6.34 -7.64	37.86 2.95 -10.09	48.32 2.64 -22.43	27.26 2.55 -0.82	24.97 2.28 0.00	25.07 2.20 0.00	22.09 2.00 0.00	21.61 1.80 0.40
EAST_PULASKI___ESR 323781	18.32 -0.11 0.00	16.39 -0.10 0.00	15.98 -0.14 0.00	15.16 -0.12 0.00	14.69 -0.10 0.00	14.11 -0.05 0.00	16.99 -0.03 0.00	20.01 -0.02 0.00	19.07 -0.03 0.00	20.21 -0.10 0.00	20.63 -0.11 0.00	21.04 -0.12 0.00	21.76 -0.20 0.00	20.85 -0.22 0.00	19.96 -0.24 0.00	19.32 -0.26 0.00	82.43 -0.85 -25.40	24.46 -0.35 0.00	22.97 -0.28 0.00	23.60 -0.29 0.00	22.38 -0.31 0.00	22.63 -0.24 0.00	19.80 -0.29 0.00	19.96 -0.25 0.00
EAST_RIVER___1 323558	19.32 0.88 0.00	17.22 0.73 0.00	16.75 0.63 0.00	15.88 0.60 0.00	15.38 0.59 0.00	14.76 0.60 0.00	17.72 0.69 0.00	21.01 0.98 0.00	20.13 1.04 0.00	21.57 1.25 0.00	22.04 1.31 0.00	22.59 1.43 0.00	23.66 1.70 0.00	22.71 1.65 0.00	24.96 1.59 -3.17	27.82 1.52 -6.72	61.89 4.02 0.00	26.61 1.79 0.00	24.93 1.68 0.00	25.45 1.57 0.00	24.17 1.48 0.00	24.30 1.42 0.00	21.28 1.20 0.00	21.34 1.12 0.00
EAST_RIVER___2 323559	19.31 0.88 0.00	17.22 0.73 0.00	16.76 0.64 0.00	15.90 0.62 0.00	15.40 0.61 0.00	14.78 0.62 0.00	17.73 0.70 0.00	21.01 0.98 0.00	20.14 1.05 0.00	21.57 1.25 0.00	22.06 1.32 0.00	22.58 1.42 0.00	23.65 1.68 0.00	22.69 1.63 0.00	24.95 1.58 -3.17	27.82 1.52 -6.72	61.90 4.02 0.00	26.61 1.79 0.00	24.92 1.67 0.00	25.43 1.55 0.00	24.15 1.47 0.00	24.27 1.40 0.00	21.26 1.18 0.00	21.32 1.11 0.00
EAST___DELAWARE_HYD 23607	18.74 0.30 0.00	16.73 0.23 0.00	16.27 0.15 0.00	15.40 0.12 0.00	14.92 0.12 0.00	14.31 0.15 0.00	17.23 0.21 0.00	20.41 0.37 0.00	19.49 0.39 0.00	20.88 0.56 0.00	21.27 0.54 0.00	21.76 0.60 0.00	22.74 0.78 0.00	21.81 0.75 0.00	20.32 0.78 0.67	18.89 0.74 1.44	59.78 1.91 0.00	25.63 0.81 0.00	24.06 0.82 0.00	24.68 0.79 0.00	23.52 0.83 0.00	23.65 0.77 0.00	20.69 0.60 0.00	20.73 0.52 0.00
EIGHT_POINT___WT_PWR 323820	18.08 -0.36 0.00	16.33 -0.16 0.00	15.87 -0.25 0.00	15.07 -0.21 0.00	14.70 -0.09 0.00	14.23 0.08 0.00	17.16 0.13 0.00	20.21 0.18 0.00	19.40 0.30 0.00	20.69 0.37 0.00	21.20 0.46 0.00	21.64 0.48 0.00	22.32 0.36 0.00	20.56 -0.50 0.00	19.32 -0.88 0.00	18.75 -0.83 0.00	29.12 -1.97 26.79	23.62 -1.20 0.00	22.25 -1.00 0.00	23.10 -0.78 0.00	22.08 -0.61 0.00	22.12 -0.76 0.00	19.53 -0.56 0.00	20.20 -0.01 0.00
ELBRIDGE_115KV_TB2 80188	18.31 -0.13 0.00	16.39 -0.10 0.00	16.01 -0.11 0.00	15.18 -0.09 0.00	14.72 -0.07 0.00	14.14 -0.02 0.00	16.99 -0.03 0.00	19.99 -0.04 0.00	19.04 -0.05 0.00	20.25 -0.06 0.00	20.64 -0.09 0.00	21.04 -0.13 0.00	21.85 -0.12 0.00	20.95 -0.12 0.00	20.04 -0.16 0.00	19.43 -0.16 0.00	57.36 -0.51 0.00	24.56 -0.26 0.00	23.02 -0.23 0.00	23.67 -0.22 0.00	22.49 -0.20 0.00	22.65 -0.22 0.00	19.85 -0.24 0.00	20.02 -0.19 0.00
ELEC_TRO_TEK 24086	19.36 0.92 0.00	17.28 0.78 0.00	16.84 0.72 0.00	16.00 0.72 0.00	15.56 0.76 0.00	15.20 0.78 -0.26	20.51 0.95 -2.54	21.18 1.15 0.00	20.14 1.05 0.00	22.21 1.28 -0.61	33.30 1.47 -11.09	109.93 1.56 -87.21	196.06 1.82 -172.27	118.80 1.75 -95.99	46.71 1.72 -24.78	70.78 1.66 -49.54	69.76 4.25 -7.64	36.87 1.96 -10.09	47.53 1.85 -22.43	26.47 1.76 -0.82	24.31 1.62 0.00	24.45 1.58 0.00	21.45 1.36 0.00	23.25 1.27 -1.76
ELLENBURG_WT_PWR 323604	19.02 0.59 0.00	16.99 0.49 0.00	16.58 0.46 0.00	15.69 0.41 0.00	15.16 0.36 0.00	14.48 0.32 0.00	17.46 0.43 0.00	20.45 0.42 0.00	19.32 0.23 0.00	20.55 0.24 0.00	20.88 0.15 0.00	21.25 0.09 0.00	22.02 0.06 0.00	21.09 0.03 0.00	20.23 0.03 0.00	19.91 0.33 0.00	59.58 1.70 0.00	25.55 0.74 0.00	23.86 0.61 0.00	24.36 0.48 0.00	23.01 0.31 0.00	23.44 0.57 0.00	20.70 0.60 0.00	20.81 0.60 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	18.19 -0.25 0.00	16.37 -0.12 0.00	15.95 -0.17 0.00	15.15 -0.13 0.00	14.68 -0.11 0.00	14.21 0.06 0.00	17.05 0.03 0.00	19.89 -0.14 0.00	19.11 0.01 0.00	20.38 0.06 0.00	20.80 0.06 0.00	21.02 -0.14 0.00	21.75 -0.21 0.00	20.73 -0.33 0.00	19.83 -0.37 0.00	19.15 -0.44 0.00	19.11 -0.99 37.77	24.03 -0.78 0.00	22.42 -0.83 0.00	23.27 -0.61 0.00	22.08 -0.61 0.00	22.33 -0.55 0.00	19.65 -0.44 0.00	20.27 0.06 0.00
EMPIRE_CC_1 323656	18.99 0.56 0.00	17.00 0.50 0.00	16.58 0.46 0.00	15.71 0.43 0.00	15.21 0.41 0.00	14.55 0.39 0.00	17.44 0.41 0.00	20.54 0.51 0.00	19.59 0.50 0.00	20.84 0.53 0.00	21.22 0.49 0.00	21.69 0.53 0.00	22.59 0.62 0.00	21.70 0.63 0.00	21.87 0.64 -1.03	22.39 0.62 -2.19	59.35 1.47 0.00	25.52 0.71 0.00	23.89 0.65 0.00	24.54 0.66 0.00	23.33 0.64 0.00	23.46 0.59 0.00	20.63 0.54 0.00	20.74 0.53 0.00
EMPIRE_CC_2 323658	18.99 0.56 0.00	17.00 0.50 0.00	16.58 0.46 0.00	15.71 0.43 0.00	15.21 0.41 0.00	14.55 0.39 0.00	17.44 0.41 0.00	20.54 0.51 0.00	19.59 0.50 0.00	20.84 0.53 0.00	21.22 0.49 0.00	21.69 0.53 0.00	22.59 0.62 0.00	21.70 0.63 0.00	21.87 0.64 -1.03	22.39 0.62 -2.19	59.35 1.47 0.00	25.52 0.71 0.00	23.89 0.65 0.00	24.54 0.66 0.00	23.33 0.64 0.00	23.46 0.59 0.00	20.63 0.54 0.00	20.74 0.53 0.00
ENORWICH_115KV_TB1 80156	19.50 1.07 0.00	17.42 0.92 0.00	16.94 0.82 0.00	16.08 0.80 0.00	15.62 0.83 0.00	15.07 0.91 0.00	18.20 1.18 0.00	21.46 1.43 0.00	20.46 1.36 0.00	21.66 1.34 0.00	22.07 1.34 0.00	22.49 1.33 0.00	23.47 1.50 0.00	22.56 1.50 0.00	21.39 1.18 0.00	20.57 0.98 0.00	52.24 3.75 9.39	26.40 1.58 0.00	24.76 1.51 0.00	25.57 1.69 0.00	24.33 1.63 0.00	24.44 1.56 0.00	21.22 1.13 0.00	21.31 1.10 0.00

ERIE_ST__34_KV_TB1-2 80199	18.33 -0.11 0.00	16.49 -0.01 0.00	16.04 -0.08 0.00	15.24 -0.04 0.00	14.78 -0.02 0.00	14.29 0.14 0.00	17.16 0.14 0.00	20.09 0.06 0.00	19.27 0.18 0.00	20.60 0.28 0.00	21.02 0.29 0.00	21.26 0.10 0.00	22.02 0.06 0.00	21.00 -0.06 0.00	20.09 -0.11 0.00	19.41 -0.17 0.00	21.12 -0.24 36.52	24.38 -0.44 0.00	22.75 -0.49 0.00	23.60 -0.28 0.00	22.40 -0.29 0.00	22.64 -0.23 0.00	19.90 -0.19 0.00	20.49 0.28 0.00
ERIE_WT_PWR 323693	18.28 -0.16 0.00	16.45 -0.05 0.00	16.02 -0.10 0.00	15.22 -0.06 0.00	14.75 -0.04 0.00	14.28 0.12 0.00	17.14 0.12 0.00	20.01 -0.02 0.00	19.22 0.13 0.00	20.51 0.19 0.00	20.95 0.21 0.00	21.16 0.00 0.00	21.88 -0.08 0.00	20.87 -0.20 0.00	19.97 -0.24 0.00	19.26 -0.33 0.00	20.26 -0.62 37.00	24.16 -0.65 0.00	22.56 -0.69 0.00	23.41 -0.47 0.00	22.22 -0.47 0.00	22.45 -0.42 0.00	19.75 -0.34 0.00	20.37 0.16 0.00
ESPRGFLD_115KV_TB1 80157	19.44 1.00 0.00	17.37 0.87 0.00	16.97 0.85 0.00	16.08 0.81 0.00	15.59 0.79 0.00	15.00 0.84 0.00	18.12 1.09 0.00	21.28 1.26 0.00	20.29 1.20 0.00	21.66 1.34 0.00	22.11 1.38 0.00	22.36 1.19 0.00	23.34 1.38 0.00	22.37 1.31 0.00	21.72 1.19 -0.32	21.46 1.19 -0.69	61.12 3.24 0.00	26.33 1.51 0.00	24.64 1.39 0.00	25.30 1.42 0.00	24.03 1.35 0.00	24.28 1.41 0.00	21.12 1.03 0.00	21.28 1.07 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	18.68 0.24 0.00	16.72 0.22 0.00	16.31 0.19 0.00	15.47 0.19 0.00	15.00 0.21 0.00	14.42 0.26 0.00	17.37 0.34 0.00	20.46 0.43 0.00	19.51 0.42 0.00	20.77 0.46 0.00	21.18 0.45 0.00	21.61 0.45 0.00	22.48 0.51 0.00	21.49 0.42 0.00	20.51 0.30 0.00	19.84 0.26 0.00	48.99 0.98 9.87	25.18 0.36 0.00	23.62 0.37 0.00	24.32 0.44 0.00	23.11 0.42 0.00	23.28 0.40 0.00	20.35 0.27 0.00	20.53 0.33 0.00
ETNA____115KV_TB2 80207	18.68 0.24 0.00	16.72 0.22 0.00	16.31 0.19 0.00	15.47 0.19 0.00	15.00 0.21 0.00	14.42 0.26 0.00	17.37 0.34 0.00	20.46 0.43 0.00	19.51 0.42 0.00	20.77 0.46 0.00	21.18 0.45 0.00	21.61 0.45 0.00	22.48 0.51 0.00	21.49 0.42 0.00	20.51 0.30 0.00	19.84 0.26 0.00	48.99 0.98 9.87	25.18 0.36 0.00	23.62 0.37 0.00	24.32 0.44 0.00	23.11 0.42 0.00	23.28 0.40 0.00	20.35 0.27 0.00	20.53 0.33 0.00
EUCLID____115KV_TB2 356179	18.19 -0.25 0.00	16.28 -0.21 0.00	15.89 -0.23 0.00	15.06 -0.21 0.00	14.60 -0.20 0.00	14.02 -0.14 0.00	16.83 -0.19 0.00	19.79 -0.24 0.00	18.88 -0.21 0.00	20.06 -0.26 0.00	20.46 -0.27 0.00	20.87 -0.29 0.00	21.67 -0.30 0.00	20.76 -0.31 0.00	19.88 -0.32 0.00	19.26 -0.33 0.00	34.39 -1.04 22.44	24.32 -0.49 0.00	22.79 -0.46 0.00	23.45 -0.44 0.00	22.29 -0.40 0.00	22.46 -0.42 0.00	19.68 -0.41 0.00	19.85 -0.36 0.00
E_CANADA_CAP_HY 24051	19.79 1.35 0.00	17.69 1.19 0.00	17.30 1.18 0.00	16.40 1.12 0.00	15.89 1.09 0.00	15.27 1.11 0.00	18.43 1.41 0.00	21.60 1.57 0.00	20.57 1.48 0.00	21.85 1.54 0.00	22.31 1.57 0.00	22.47 1.31 0.00	23.53 1.57 0.00	22.53 1.47 0.00	22.08 1.38 -0.49	22.06 1.42 -1.06	61.88 4.00 0.00	26.71 1.90 0.00	24.99 1.74 0.00	25.63 1.74 0.00	24.37 1.69 0.00	24.66 1.79 0.00	21.43 1.34 0.00	21.58 1.37 0.00
E_CANADA_MHWK_HY 24050	18.27 -0.16 0.00	16.28 -0.21 0.00	15.86 -0.26 0.00	15.05 -0.23 0.00	14.59 -0.21 0.00	13.95 -0.21 0.00	16.71 -0.32 0.00	19.78 -0.25 0.00	18.81 -0.28 0.00	20.04 -0.28 0.00	20.51 -0.22 0.00	21.26 0.09 0.00	22.16 0.19 0.00	21.22 0.16 0.00	20.31 0.10 0.00	19.56 -0.03 0.00	58.20 0.33 0.00	24.73 -0.09 0.00	23.29 0.05 0.00	24.00 0.12 0.00	22.83 0.14 0.00	22.91 0.04 0.00	20.09 0.00 0.00	20.13 -0.08 0.00
E_FISHKILL____LBMP 23776	19.18 0.75 0.00	17.13 0.63 0.00	16.66 0.54 0.00	15.79 0.51 0.00	15.29 0.50 0.00	14.66 0.50 0.00	17.62 0.60 0.00	20.85 0.82 0.00	19.94 0.85 0.00	21.33 1.01 0.00	21.77 1.04 0.00	22.30 1.14 0.00	23.32 1.35 0.00	22.39 1.33 0.00	24.00 1.30 -2.50	26.11 1.24 -5.29	61.12 3.24 0.00	26.26 1.45 0.00	24.60 1.36 0.00	25.18 1.30 0.00	23.92 1.23 0.00	24.05 1.18 0.00	21.08 0.99 0.00	21.15 0.94 0.00
FALCON____SEABRD_CC1 323796	19.22 0.78 0.00	17.16 0.67 0.00	16.73 0.61 0.00	15.82 0.53 0.00	15.26 0.46 0.00	14.56 0.40 0.00	17.56 0.53 0.00	20.55 0.52 0.00	19.39 0.30 0.00	20.61 0.30 0.00	20.92 0.18 0.00	21.29 0.13 0.00	22.10 0.13 0.00	21.16 0.10 0.00	20.29 0.08 0.00	20.03 0.44 0.00	60.32 2.44 0.00	25.91 1.09 0.00	24.20 0.95 0.00	24.69 0.80 0.00	23.31 0.62 0.00	23.72 0.85 0.00	20.95 0.86 0.00	21.07 0.86 0.00
FALCON____SEABRD_CC2 323797	19.22 0.78 0.00	17.16 0.67 0.00	16.73 0.61 0.00	15.82 0.53 0.00	15.26 0.46 0.00	14.56 0.40 0.00	17.56 0.53 0.00	20.55 0.52 0.00	19.39 0.30 0.00	20.61 0.30 0.00	20.92 0.18 0.00	21.29 0.13 0.00	22.10 0.13 0.00	21.16 0.10 0.00	20.29 0.08 0.00	20.03 0.44 0.00	60.32 2.44 0.00	25.91 1.09 0.00	24.20 0.95 0.00	24.69 0.80 0.00	23.31 0.62 0.00	23.72 0.85 0.00	20.95 0.86 0.00	21.07 0.86 0.00
FAR ROCKAWAY____4 23548	19.59 1.15 0.00	17.47 0.97 0.00	17.02 0.89 0.00	16.17 0.89 0.00	15.72 0.92 0.00	15.36 0.94 -0.26	20.71 1.15 -2.54	21.44 1.41 0.00	20.39 1.30 0.00	22.47 1.54 -0.61	33.58 1.76 -11.09	110.28 1.91 -87.21	196.35 2.11 -172.27	119.08 2.03 -95.99	46.76 1.78 -24.78	70.75 1.62 -49.54	69.82 4.31 -7.64	37.27 2.36 -10.10	47.89 2.20 -22.44	26.85 2.14 -0.82	24.67 1.98 0.00	24.79 1.91 0.00	21.72 1.63 0.00	26.61 1.52 -4.88
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	19.33 0.89 0.00	17.24 0.74 0.00	16.76 0.64 0.00	15.89 0.61 0.00	15.39 0.60 0.00	14.76 0.60 0.00	17.73 0.71 0.00	21.02 0.99 0.00	20.15 1.06 0.00	21.59 1.27 0.00	22.07 1.34 0.00	22.61 1.45 0.00	23.68 1.71 0.00	22.73 1.67 0.00	24.98 1.61 -3.17	27.85 1.54 -6.72	61.95 4.08 0.00	26.63 1.81 0.00	24.95 1.70 0.00	25.48 1.60 0.00	24.18 1.50 0.00	24.32 1.44 0.00	21.30 1.22 0.00	21.35 1.14 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	19.35 0.91 0.00	17.25 0.76 0.00	16.77 0.65 0.00	15.90 0.62 0.00	15.40 0.60 0.00	14.77 0.61 0.00	17.75 0.72 0.00	21.03 1.00 0.00	20.16 1.07 0.00	21.61 1.29 0.00	22.08 1.35 0.00	22.63 1.46 0.00	23.70 1.73 0.00	22.74 1.68 0.00	25.00 1.63 -3.17	27.86 1.56 -6.72	62.01 4.13 0.00	26.65 1.84 0.00	24.97 1.72 0.00	25.49 1.61 0.00	24.21 1.52 0.00	24.34 1.46 0.00	21.32 1.24 0.00	21.37 1.16 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	19.33 0.89 0.00	17.23 0.73 0.00	16.76 0.64 0.00	15.88 0.60 0.00	15.39 0.59 0.00	14.76 0.60 0.00	17.73 0.70 0.00	21.02 0.99 0.00	20.14 1.05 0.00	21.59 1.27 0.00	22.07 1.33 0.00	22.61 1.45 0.00	23.68 1.71 0.00	22.72 1.66 0.00	24.98 1.60 -3.17	27.84 1.54 -6.72	61.95 4.07 0.00	26.63 1.81 0.00	24.94 1.69 0.00	25.47 1.58 0.00	24.18 1.50 0.00	24.31 1.44 0.00	21.30 1.21 0.00	21.35 1.14 0.00

FARRAGUT___LBMP 323566	19.31 0.87 0.00	17.22 0.73 0.00	16.75 0.63 0.00	15.87 0.59 0.00	15.38 0.58 0.00	14.75 0.59 0.00	17.71 0.69 0.00	20.99 0.96 0.00	20.12 1.03 0.00	21.57 1.25 0.00	22.04 1.31 0.00	22.58 1.42 0.00	23.65 1.69 0.00	22.70 1.64 0.00	24.95 1.58 -3.17	27.82 1.52 -6.72	61.89 4.01 0.00	26.60 1.78 0.00	24.92 1.67 0.00	25.44 1.56 0.00	24.16 1.47 0.00	24.29 1.42 0.00	21.28 1.20 0.00	21.33 1.12 0.00
FENNER___WINDPWR 24204	18.70 0.26 0.00	16.70 0.20 0.00	16.30 0.18 0.00	15.45 0.17 0.00	14.98 0.19 0.00	14.40 0.23 0.00	17.33 0.31 0.00	20.42 0.39 0.00	19.48 0.39 0.00	20.70 0.38 0.00	21.13 0.39 0.00	21.58 0.42 0.00	22.44 0.48 0.00	21.54 0.47 0.00	20.60 0.40 0.00	19.91 0.33 0.00	49.45 0.94 9.36	25.20 0.38 0.00	23.61 0.37 0.00	24.26 0.38 0.00	23.06 0.37 0.00	23.26 0.38 0.00	20.39 0.30 0.00	20.52 0.32 0.00
FIBERTEK___ENERGY 23856	18.38 -0.06 0.00	16.46 -0.03 0.00	16.06 -0.06 0.00	15.23 -0.05 0.00	14.78 -0.02 0.00	14.19 0.03 0.00	17.06 0.03 0.00	20.06 0.03 0.00	19.12 0.03 0.00	20.31 0.00 0.00	20.72 -0.01 0.00	21.12 -0.04 0.00	21.93 -0.04 0.00	21.02 -0.04 0.00	20.12 -0.09 0.00	19.49 -0.09 0.00	57.55 -0.33 0.00	24.63 -0.18 0.00	23.09 -0.15 0.00	23.76 -0.13 0.00	22.58 -0.11 0.00	22.74 -0.14 0.00	19.91 -0.18 0.00	20.08 -0.13 0.00
FITZPATRICK____ 23598	17.96 -0.48 0.00	16.07 -0.42 0.00	15.69 -0.43 0.00	14.88 -0.40 0.00	14.41 -0.38 0.00	13.83 -0.33 0.00	16.61 -0.42 0.00	19.51 -0.52 0.00	18.59 -0.50 0.00	19.74 -0.58 0.00	20.14 -0.60 0.00	20.54 -0.62 0.00	21.32 -0.65 0.00	20.43 -0.64 0.00	19.58 -0.63 0.00	18.96 -0.62 0.00	-249.72 -1.99 305.60	23.94 -0.88 0.00	22.43 -0.82 0.00	23.06 -0.82 0.00	21.92 -0.77 0.00	22.09 -0.78 0.00	19.37 -0.72 0.00	19.53 -0.67 0.00
FLOWRFLD_69_KV_BK1 356044	19.35 0.91 0.00	17.28 0.78 0.00	16.87 0.75 0.00	16.06 0.78 0.00	15.63 0.84 0.00	15.29 0.87 -0.26	20.62 1.06 -2.54	21.22 1.19 0.00	20.07 0.98 0.00	22.13 1.21 -0.61	33.26 1.44 -11.09	109.88 1.50 -87.21	195.99 1.75 -172.27	118.60 1.55 -95.99	46.71 1.72 -24.78	70.88 1.76 -49.54	69.75 4.24 -7.64	36.92 2.02 -10.09	47.43 1.75 -22.43	26.34 1.64 -0.82	24.17 1.48 0.00	24.31 1.44 0.00	21.52 1.43 0.00	21.13 1.31 0.39
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	19.40 0.96 0.00	17.31 0.81 0.00	16.84 0.72 0.00	15.93 0.65 0.00	15.39 0.60 0.00	14.76 0.60 0.00	17.76 0.73 0.00	21.03 1.00 0.00	20.04 0.95 0.00	21.42 1.11 0.00	21.88 1.15 0.00	22.44 1.27 0.00	23.40 1.43 0.00	22.44 1.38 0.00	22.45 1.33 -0.91	22.76 1.24 -1.94	61.17 3.29 0.00	26.29 1.48 0.00	24.63 1.39 0.00	25.31 1.43 0.00	24.23 1.54 0.00	24.37 1.50 0.00	21.34 1.25 0.00	21.39 1.17 0.00
FORT ORANGE____ 23900	18.93 0.49 0.00	16.98 0.49 0.00	16.58 0.46 0.00	15.72 0.44 0.00	15.21 0.42 0.00	14.52 0.36 0.00	17.41 0.39 0.00	20.48 0.46 0.00	19.54 0.44 0.00	20.78 0.46 0.00	21.19 0.46 0.00	21.67 0.51 0.00	22.63 0.66 0.00	21.73 0.67 0.00	21.60 0.66 -0.74	21.80 0.64 -1.58	59.51 1.64 0.00	25.51 0.69 0.00	23.95 0.70 0.00	24.59 0.71 0.00	23.38 0.69 0.00	23.52 0.64 0.00	20.63 0.54 0.00	20.70 0.49 0.00
FORT_DRUM_COGEN 23780	18.97 0.53 0.00	16.94 0.45 0.00	16.48 0.36 0.00	15.63 0.35 0.00	15.16 0.36 0.00	14.58 0.42 0.00	17.65 0.62 0.00	20.86 0.83 0.00	19.82 0.73 0.00	20.99 0.67 0.00	21.44 0.71 0.00	21.85 0.69 0.00	22.43 0.46 0.00	21.45 0.39 0.00	20.56 0.36 0.00	19.98 0.39 0.00	66.43 1.17 -7.38	25.42 0.61 0.00	23.97 0.72 0.00	24.53 0.65 0.00	23.15 0.46 0.00	23.47 0.60 0.00	20.51 0.42 0.00	20.64 0.43 0.00
FPL_FAR_ROCK_GT1 24212	19.59 1.15 0.00	17.47 0.97 0.00	17.02 0.89 0.00	16.17 0.89 0.00	15.72 0.92 0.00	15.36 0.94 -0.26	20.71 1.15 -2.54	21.44 1.40 0.00	20.39 1.30 0.00	22.47 1.54 -0.61	33.58 1.76 -11.09	110.28 1.91 -87.21	196.35 2.11 -172.27	119.09 2.03 -95.99	46.76 1.78 -24.78	70.75 1.62 -49.54	69.82 4.31 -7.64	37.27 2.35 -10.10	47.89 2.20 -22.44	26.85 2.14 -0.82	24.67 1.98 0.00	24.79 1.92 0.00	21.72 1.63 0.00	26.61 1.52 -4.88
FPL_FAR_ROCK_GT2 23815	19.59 1.15 0.00	17.47 0.97 0.00	17.02 0.89 0.00	16.17 0.89 0.00	15.72 0.92 0.00	15.36 0.94 -0.26	20.71 1.15 -2.54	21.44 1.40 0.00	20.39 1.30 0.00	22.47 1.54 -0.61	33.58 1.76 -11.09	110.28 1.91 -87.21	196.35 2.11 -172.27	119.09 2.03 -95.99	46.76 1.78 -24.78	70.75 1.62 -49.54	69.82 4.31 -7.64	37.27 2.35 -10.10	47.89 2.20 -22.44	26.85 2.14 -0.82	24.67 1.98 0.00	24.79 1.92 0.00	21.72 1.63 0.00	26.61 1.52 -4.88
FRANKLIN_FALL_HYD 24054	19.07 0.63 0.00	17.04 0.54 0.00	16.63 0.51 0.00	15.74 0.46 0.00	15.22 0.43 0.00	14.55 0.39 0.00	17.58 0.55 0.00	20.62 0.59 0.00	19.42 0.32 0.00	20.70 0.38 0.00	21.04 0.31 0.00	21.45 0.29 0.00	22.20 0.24 0.00	21.25 0.18 0.00	20.39 0.18 0.00	20.04 0.45 0.00	59.71 1.84 0.00	25.61 0.79 0.00	23.91 0.67 0.00	24.46 0.58 0.00	23.11 0.42 0.00	23.51 0.63 0.00	20.73 0.64 0.00	20.81 0.60 0.00
FREEPORT_EQUS_GT1 23764	19.46 1.02 0.00	17.37 0.87 0.00	16.92 0.80 0.00	16.08 0.80 0.00	15.64 0.84 0.00	15.29 0.86 -0.26	20.62 1.05 -2.54	21.31 1.28 0.00	20.25 1.16 0.00	22.32 1.39 -0.61	33.42 1.60 -11.09	110.03 1.66 -87.21	196.15 1.92 -172.27	118.89 1.83 -95.99	46.79 1.80 -24.78	70.85 1.73 -49.54	69.95 4.44 -7.64	36.97 2.06 -10.09	47.71 2.03 -22.43	26.66 1.95 -0.82	24.46 1.77 0.00	24.61 1.74 0.00	21.58 1.49 0.00	23.09 1.40 -1.48
FREEPORT___CT2 23818	19.46 1.02 0.00	17.37 0.87 0.00	16.92 0.80 0.00	16.08 0.80 0.00	15.64 0.84 0.00	15.29 0.86 -0.26	20.62 1.05 -2.54	21.31 1.28 0.00	20.25 1.16 0.00	22.32 1.39 -0.61	33.42 1.60 -11.09	110.03 1.66 -87.21	196.15 1.92 -172.27	118.89 1.83 -95.99	46.79 1.80 -24.78	70.85 1.73 -49.54	69.95 4.44 -7.64	36.97 2.06 -10.09	47.71 2.03 -22.43	26.66 1.95 -0.82	24.46 1.77 0.00	24.61 1.74 0.00	21.58 1.49 0.00	23.09 1.40 -1.48
FRESHKLS_33_KV_LOAD 356253	19.36 0.92 0.00	17.25 0.75 0.00	16.77 0.65 0.00	15.88 0.60 0.00	15.38 0.59 0.00	14.77 0.61 0.00	17.73 0.70 0.00	20.96 0.93 0.00	-95.72 0.97 115.79	21.48 1.16 0.00	21.96 1.23 0.00	22.49 1.33 0.00	23.58 1.61 0.00	22.67 1.61 0.00	24.93 1.56 -3.17	27.79 1.49 -6.71	61.34 3.75 0.29	26.63 1.81 0.00	24.99 1.74 0.00	25.51 1.63 0.00	24.23 1.54 0.00	24.35 1.48 0.00	21.33 1.24 0.00	21.36 1.15 0.00
FULTON COGEN____ 23766	18.15 -0.29 0.00	16.25 -0.25 0.00	15.85 -0.27 0.00	15.03 -0.25 0.00	14.57 -0.22 0.00	13.99 -0.17 0.00	16.81 -0.22 0.00	19.76 -0.27 0.00	18.84 -0.25 0.00	20.00 -0.32 0.00	20.40 -0.33 0.00	20.81 -0.35 0.00	21.60 -0.36 0.00	20.70 -0.37 0.00	19.83 -0.38 0.00	19.19 -0.40 0.00	86.56 -1.26 -29.94	24.25 -0.56 0.00	22.70 -0.54 0.00	23.36 -0.52 0.00	22.20 -0.49 0.00	22.37 -0.50 0.00	19.59 -0.51 0.00	19.76 -0.44 0.00



FULTON___LFGE 323630	20.16 1.73 0.00	17.96 1.47 0.00	17.54 1.42 0.00	16.61 1.33 0.00	16.10 1.30 0.00	15.49 1.33 0.00	18.67 1.64 0.00	22.00 1.97 0.00	20.94 1.85 0.00	22.26 1.95 0.00	22.69 1.96 0.00	22.93 1.77 0.00	24.35 2.39 0.00	23.30 2.24 0.00	22.77 2.00 -0.57	22.66 1.86 -1.21	63.45 5.57 0.00	27.30 2.48 0.00	25.56 2.32 0.00	26.25 2.37 0.00	25.03 2.34 0.00	25.24 2.37 0.00	21.78 1.69 0.00	21.89 1.68 0.00
G.F.CEMENT___DRP 24184	19.59 1.15 0.00	17.48 0.99 0.00	17.03 0.91 0.00	16.15 0.87 0.00	15.65 0.86 0.00	15.03 0.87 0.00	18.13 1.11 0.00	21.41 1.38 0.00	20.38 1.29 0.00	21.65 1.33 0.00	22.07 1.34 0.00	22.50 1.34 0.00	23.52 1.56 0.00	22.55 1.48 0.00	22.36 1.42 -0.74	22.58 1.41 -1.58	61.92 4.04 0.00	26.53 1.72 0.00	24.92 1.67 0.00	25.43 1.55 0.00	24.27 1.58 0.00	24.31 1.43 0.00	21.63 1.54 0.00	21.76 1.55 0.00
GARDENVILLE___LBMP 24039	18.21 -0.22 0.00	16.40 -0.10 0.00	15.97 -0.14 0.00	15.17 -0.11 0.00	14.71 -0.08 0.00	14.24 0.08 0.00	17.09 0.07 0.00	19.95 -0.08 0.00	19.16 0.06 0.00	20.44 0.12 0.00	20.86 0.12 0.00	21.09 -0.07 0.00	21.82 -0.15 0.00	20.79 -0.27 0.00	19.87 -0.33 0.00	19.18 -0.40 0.00	19.88 -0.88 37.12	24.08 -0.74 0.00	22.48 -0.77 0.00	23.33 -0.55 0.00	22.15 -0.54 0.00	22.40 -0.48 0.00	19.70 -0.39 0.00	20.32 0.11 0.00
GARDNVLA_35_KV_LD 355827	18.29 -0.14 0.00	16.46 -0.04 0.00	16.03 -0.09 0.00	15.22 -0.05 0.00	14.76 -0.04 0.00	14.28 0.13 0.00	17.15 0.12 0.00	20.02 -0.01 0.00	19.23 0.14 0.00	20.52 0.20 0.00	20.96 0.23 0.00	21.19 0.03 0.00	21.92 -0.04 0.00	20.89 -0.17 0.00	19.97 -0.23 0.00	19.28 -0.31 0.00	20.39 -0.54 36.95	24.19 -0.62 0.00	22.58 -0.67 0.00	23.44 -0.45 0.00	22.24 -0.44 0.00	22.49 -0.38 0.00	19.78 -0.31 0.00	20.40 0.19 0.00
GELCKHM___115KV_LOAD 80723	18.26 -0.17 0.00	16.35 -0.14 0.00	15.96 -0.16 0.00	15.13 -0.14 0.00	14.67 -0.12 0.00	14.08 0.11 0.00	16.93 0.10 0.00	19.90 -0.04 0.00	18.98 0.10 0.00	20.16 0.16 0.00	20.57 0.17 0.00	20.96 -0.02 0.00	21.76 -0.10 0.00	20.85 -0.22 0.00	19.98 -0.28 0.00	19.35 -0.35 0.00	42.37 -0.71 14.77	24.46 -0.36 0.00	22.91 -0.72 0.00	23.57 -0.49 0.00	22.41 -0.49 0.00	22.58 -0.43 0.00	19.77 -0.35 0.00	19.95 -0.27 0.00
GENERAL___MILLS 23808	18.26 -0.18 0.00	16.43 -0.07 0.00	16.00 -0.12 0.00	15.20 -0.08 0.00	14.74 -0.06 0.00	14.27 0.11 0.00	17.12 0.10 0.00	19.99 -0.04 0.00	19.19 0.10 0.00	20.48 0.16 0.00	20.91 0.17 0.00	21.14 -0.02 0.00	21.87 -0.10 0.00	20.85 -0.22 0.00	19.93 -0.28 0.00	19.23 -0.35 0.00	20.17 -0.71 37.00	24.14 -0.68 0.00	22.53 -0.72 0.00	23.39 -0.49 0.00	22.20 -0.49 0.00	22.44 -0.43 0.00	19.74 -0.35 0.00	20.36 0.15 0.00
GE_PLASTICS___DRP 24183	18.89 0.45 0.00	16.94 0.44 0.00	16.53 0.40 0.00	15.67 0.39 0.00	15.16 0.37 0.00	14.49 0.33 0.00	17.38 0.35 0.00	20.47 0.44 0.00	19.52 0.42 0.00	20.79 0.47 0.00	21.20 0.47 0.00	21.67 0.51 0.00	22.61 0.64 0.00	21.70 0.63 0.00	21.55 0.63 -0.71	21.73 0.61 -1.54	59.43 1.56 0.00	25.49 0.67 0.00	23.91 0.67 0.00	24.54 0.66 0.00	23.32 0.63 0.00	23.46 0.59 0.00	20.59 0.50 0.00	20.68 0.47 0.00
GILBOA___1 23756	18.90 0.46 0.00	16.90 0.41 0.00	16.47 0.35 0.00	15.61 0.33 0.00	15.11 0.32 0.00	14.47 0.31 0.00	17.39 0.37 0.00	20.51 0.48 0.00	19.57 0.48 0.00	20.87 0.55 0.00	21.29 0.55 0.00	21.77 0.61 0.00	22.70 0.74 0.00	21.77 0.71 0.00	21.21 0.69 -0.32	20.93 0.64 -0.70	59.60 1.73 0.00	25.47 0.65 0.00	23.96 0.72 0.00	24.60 0.72 0.00	23.37 0.68 0.00	23.52 0.64 0.00	20.63 0.54 0.00	20.74 0.53 0.00
GILBOA___2 23757	18.90 0.46 0.00	16.90 0.41 0.00	16.47 0.35 0.00	15.61 0.33 0.00	15.11 0.32 0.00	14.47 0.31 0.00	17.39 0.37 0.00	20.51 0.48 0.00	19.57 0.48 0.00	20.87 0.55 0.00	21.29 0.55 0.00	21.77 0.61 0.00	22.70 0.74 0.00	21.77 0.71 0.00	21.21 0.69 -0.32	20.93 0.64 -0.70	59.60 1.73 0.00	25.47 0.65 0.00	23.96 0.72 0.00	24.60 0.72 0.00	23.37 0.68 0.00	23.52 0.64 0.00	20.63 0.54 0.00	20.74 0.53 0.00
GILBOA___3 23758	18.90 0.46 0.00	16.90 0.41 0.00	16.47 0.35 0.00	15.61 0.33 0.00	15.11 0.32 0.00	14.47 0.31 0.00	17.39 0.37 0.00	20.51 0.48 0.00	19.57 0.48 0.00	20.87 0.55 0.00	21.29 0.55 0.00	21.77 0.61 0.00	22.70 0.74 0.00	21.77 0.71 0.00	21.21 0.69 -0.32	20.93 0.64 -0.70	59.60 1.73 0.00	25.47 0.65 0.00	23.96 0.72 0.00	24.60 0.72 0.00	23.37 0.68 0.00	23.52 0.64 0.00	20.63 0.54 0.00	20.74 0.53 0.00
GILBOA___4 23759	18.90 0.46 0.00	16.90 0.41 0.00	16.47 0.35 0.00	15.61 0.33 0.00	15.11 0.32 0.00	14.47 0.31 0.00	17.39 0.37 0.00	20.51 0.48 0.00	19.57 0.48 0.00	20.87 0.55 0.00	21.29 0.55 0.00	21.77 0.61 0.00	22.70 0.74 0.00	21.77 0.71 0.00	21.21 0.69 -0.32	20.93 0.64 -0.70	59.60 1.73 0.00	25.47 0.65 0.00	23.96 0.72 0.00	24.60 0.72 0.00	23.37 0.68 0.00	23.52 0.64 0.00	20.63 0.54 0.00	20.74 0.53 0.00
GILBOA___ 23599	18.90 0.46 0.00	16.90 0.40 0.00	16.47 0.35 0.00	15.61 0.33 0.00	15.11 0.32 0.00	14.47 0.31 0.00	17.39 0.36 0.00	20.51 0.48 0.00	19.57 0.48 0.00	20.87 0.55 0.00	21.29 0.56 0.00	21.77 0.61 0.00	22.71 0.74 0.00	21.77 0.71 0.00	21.22 0.69 -0.32	20.93 0.64 -0.70	59.60 1.72 0.00	25.47 0.66 0.00	23.96 0.72 0.00	24.60 0.72 0.00	23.37 0.68 0.00	23.52 0.64 0.00	20.63 0.54 0.00	20.74 0.53 0.00
GINNA___ 23603	17.48 -0.96 0.00	15.66 -0.83 0.00	15.28 -0.84 0.00	14.48 -0.80 0.00	14.05 -0.75 0.00	13.54 -0.62 0.00	16.30 -0.72 0.00	19.12 -0.91 0.00	18.30 -0.79 0.00	19.50 -0.82 0.00	19.90 -0.83 0.00	20.21 -0.95 0.00	20.93 -1.03 0.00	20.02 -1.04 0.00	19.19 -1.02 0.00	18.57 -1.02 0.00	10.70 -2.92 44.25	23.39 -1.43 0.00	21.85 -1.40 0.00	22.54 -1.34 0.00	21.41 -1.28 0.00	21.59 -1.29 0.00	18.92 -1.17 0.00	19.23 -0.98 0.00
GLEN PARK___ 23778	19.04 0.60 0.00	17.00 0.50 0.00	16.54 0.42 0.00	15.68 0.40 0.00	15.21 0.42 0.00	14.63 0.47 0.00	17.72 0.70 0.00	20.96 0.93 0.00	19.93 0.84 0.00	21.11 0.79 0.00	21.56 0.82 0.00	21.96 0.80 0.00	22.51 0.54 0.00	21.53 0.47 0.00	20.63 0.43 0.00	20.04 0.46 0.00	67.23 1.34 -8.01	25.50 0.68 0.00	24.07 0.82 0.00	24.65 0.77 0.00	23.27 0.58 0.00	23.59 0.71 0.00	20.59 0.50 0.00	20.71 0.50 0.00
GLENDALE_27_KV_LOAD 356172	19.40 0.97 0.00	17.30 0.81 0.00	16.82 0.70 0.00	15.94 0.66 0.00	15.44 0.65 0.00	14.82 0.66 0.00	17.81 0.78 0.00	21.10 1.07 0.00	20.25 1.16 0.00	21.69 1.37 0.00	22.19 1.46 0.00	22.73 1.57 0.00	23.80 1.83 0.00	22.85 1.79 0.00	25.08 1.71 -3.17	27.94 1.64 -6.71	62.19 4.32 0.00	26.75 1.93 0.00	25.07 1.82 0.00	25.59 1.70 0.00	24.30 1.61 0.00	24.42 1.54 0.00	21.39 1.30 0.00	21.44 1.22 0.00

GLENWOOD_IC_1_G5 23712	19.40 0.97 0.00	17.31 0.82 0.00	16.86 0.74 0.00	16.00 0.72 0.00	15.53 0.74 0.00	15.17 0.74 -0.26	20.47 0.91 -2.54	21.18 1.15 0.00	20.21 1.12 0.00	22.27 1.34 -0.61	33.33 1.50 -11.09	109.97 1.60 -87.21	196.06 1.82 -172.27	118.89 1.84 -95.99	46.70 1.71 -24.78	70.76 1.63 -49.54	69.74 4.23 -7.64	36.83 1.92 -10.09	47.48 1.80 -22.43	26.42 1.71 -0.82	24.28 1.59 0.00	24.41 1.53 0.00	21.38 1.29 0.00	22.26 1.28 -0.77
GLENWOOD_IC_2_G1 23688	19.33 0.90 0.00	17.25 0.76 0.00	16.80 0.68 0.00	15.94 0.66 0.00	15.46 0.67 0.00	15.10 0.67 -0.26	20.38 0.82 -2.54	21.08 1.05 0.00	20.13 1.04 0.00	22.17 1.25 -0.61	33.20 1.38 -11.09	109.85 1.48 -87.21	195.97 1.74 -172.27	118.74 1.69 -95.99	46.61 1.63 -24.78	70.69 1.56 -49.54	69.60 4.09 -7.64	36.76 1.86 -10.09	47.41 1.73 -22.43	26.36 1.66 -0.82	24.24 1.54 0.00	24.36 1.49 0.00	21.34 1.25 0.00	21.39 1.18 0.00
GLENWOOD_IC_3_G1 23689	19.33 0.90 0.00	17.25 0.76 0.00	16.80 0.68 0.00	15.94 0.66 0.00	15.46 0.67 0.00	15.10 0.67 -0.26	20.38 0.82 -2.54	21.08 1.05 0.00	20.13 1.04 0.00	22.17 1.25 -0.61	33.20 1.38 -11.09	109.85 1.48 -87.21	195.97 1.74 -172.27	118.74 1.69 -95.99	46.61 1.63 -24.78	70.69 1.56 -49.54	69.60 4.09 -7.64	36.76 1.86 -10.09	47.41 1.73 -22.43	26.36 1.66 -0.82	24.24 1.54 0.00	24.36 1.49 0.00	21.34 1.25 0.00	21.39 1.18 0.00
GLENWOOD___4 23550	19.40 0.97 0.00	17.31 0.82 0.00	16.86 0.74 0.00	16.00 0.72 0.00	15.53 0.74 0.00	15.17 0.74 -0.26	20.47 0.91 -2.54	21.18 1.15 0.00	20.21 1.12 0.00	22.27 1.34 -0.61	33.33 1.50 -11.09	109.98 1.61 -87.21	196.09 1.85 -172.27	118.89 1.84 -95.99	46.73 1.74 -24.78	70.78 1.66 -49.54	69.83 4.32 -7.64	36.86 1.95 -10.09	47.51 1.83 -22.43	26.45 1.75 -0.82	24.31 1.62 0.00	24.44 1.57 0.00	21.41 1.31 0.00	22.26 1.28 -0.77
GLENWOOD___5 23614	19.40 0.97 0.00	17.31 0.82 0.00	16.86 0.74 0.00	16.00 0.72 0.00	15.53 0.74 0.00	15.17 0.74 -0.26	20.47 0.91 -2.54	21.18 1.15 0.00	20.21 1.12 0.00	22.27 1.34 -0.61	33.33 1.50 -11.09	109.98 1.61 -87.21	196.09 1.85 -172.27	118.89 1.84 -95.99	46.73 1.74 -24.78	70.78 1.66 -49.54	69.83 4.32 -7.64	36.86 1.95 -10.09	47.51 1.83 -22.43	26.45 1.75 -0.82	24.31 1.62 0.00	24.44 1.57 0.00	21.41 1.31 0.00	22.26 1.28 -0.77
GLOBAL GREEN_PORT_GT1 23814	19.72 1.28 0.00	17.62 1.13 0.00	17.20 1.08 0.00	16.37 1.09 0.00	15.94 1.15 0.00	15.60 1.18 -0.26	21.02 1.46 -2.54	21.73 1.70 0.00	20.58 1.49 0.00	22.69 1.76 -0.61	33.77 1.95 -11.09	110.38 2.00 -87.21	196.01 1.78 -172.27	118.90 1.85 -95.99	47.17 2.18 -24.78	71.34 2.21 -49.54	71.74 6.22 -7.64	37.81 2.90 -10.09	48.27 2.59 -22.43	27.21 2.50 -0.82	24.93 2.24 0.00	25.02 2.15 0.00	22.04 1.95 0.00	21.55 1.75 0.40
GLOBE___DSASP 323697	17.56 -0.87 0.00	15.87 -0.63 0.00	15.46 -0.66 0.00	14.67 -0.61 0.00	14.21 -0.59 0.00	13.76 -0.40 0.00	16.50 -0.53 0.00	19.14 -0.88 0.00	18.41 -0.68 0.00	19.59 -0.73 0.00	19.97 -0.76 0.00	20.17 -0.99 0.00	20.83 -1.14 0.00	19.89 -1.17 0.00	19.07 -1.13 0.00	18.42 -1.16 0.00	14.03 -3.71 40.14	23.17 -1.65 0.00	21.56 -1.68 0.00	22.39 -1.50 0.00	21.23 -1.46 0.00	21.47 -1.40 0.00	18.96 -1.13 0.00	19.60 -0.61 0.00
GOETHSLN___LBMP 323567	19.23 0.79 0.00	17.14 0.65 0.00	16.67 0.55 0.00	15.80 0.52 0.00	15.31 0.51 0.00	14.67 0.51 0.00	17.59 0.57 0.00	20.85 0.82 0.00	-95.81 0.89 115.80	21.43 1.11 0.00	21.92 1.18 0.00	22.47 1.31 0.00	23.54 1.57 0.00	22.59 1.53 0.00	24.86 1.49 -3.17	27.75 1.45 -6.72	61.67 3.79 0.00	26.52 1.71 0.00	24.84 1.59 0.00	25.34 1.46 0.00	24.08 1.39 0.00	24.21 1.33 0.00	21.20 1.11 0.00	21.25 1.04 0.00
GOLAH___69_KV_TB 1_2 80279	18.44 0.00 0.00	16.56 0.07 0.00	16.15 0.04 0.00	15.35 0.07 0.00	14.88 0.09 0.00	14.37 0.21 0.00	17.31 0.28 0.00	20.24 0.20 0.00	19.37 0.28 0.00	20.64 0.32 0.00	21.06 0.33 0.00	21.37 0.21 0.00	22.09 0.12 0.00	21.10 0.04 0.00	20.16 -0.04 0.00	19.48 -0.10 0.00	14.59 -0.13 43.16	24.51 -0.31 0.00	22.88 -0.36 0.00	23.66 -0.22 0.00	22.47 -0.23 0.00	22.68 -0.19 0.00	19.91 -0.18 0.00	20.36 0.15 0.00
GOODYEAR_LAKE_HYD 323669	19.08 0.64 0.00	17.06 0.56 0.00	16.64 0.51 0.00	15.77 0.49 0.00	15.28 0.49 0.00	14.68 0.52 0.00	17.71 0.69 0.00	20.88 0.85 0.00	19.92 0.83 0.00	21.29 0.97 0.00	21.74 1.01 0.00	22.11 0.95 0.00	23.06 1.10 0.00	22.11 1.05 0.00	21.16 0.95 0.00	20.49 0.90 0.00	60.34 2.46 0.00	25.89 1.07 0.00	24.26 1.01 0.00	24.93 1.04 0.00	23.67 0.98 0.00	23.86 0.99 0.00	20.83 0.74 0.00	20.97 0.76 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	18.49 0.05 0.00	16.58 0.09 0.00	16.16 0.04 0.00	15.34 0.06 0.00	14.87 0.08 0.00	14.29 0.13 0.00	17.19 0.16 0.00	20.28 0.25 0.00	19.35 0.26 0.00	20.65 0.34 0.00	21.08 0.35 0.00	21.50 0.34 0.00	22.38 0.41 0.00	21.43 0.37 0.00	20.48 0.27 0.00	19.78 0.20 0.00	46.95 0.70 11.62	24.96 0.14 0.00	23.41 0.17 0.00	24.12 0.23 0.00	22.89 0.20 0.00	23.10 0.22 0.00	20.22 0.13 0.00	20.48 0.27 0.00
GOUDEY___7 23579	18.50 0.07 0.00	16.60 0.10 0.00	16.17 0.05 0.00	15.35 0.07 0.00	14.89 0.09 0.00	14.30 0.14 0.00	17.20 0.18 0.00	20.29 0.26 0.00	19.37 0.28 0.00	20.67 0.35 0.00	21.10 0.37 0.00	21.53 0.36 0.00	22.40 0.43 0.00	21.45 0.39 0.00	20.50 0.29 0.00	19.80 0.22 0.00	47.00 0.75 11.62	24.98 0.16 0.00	23.43 0.19 0.00	24.14 0.25 0.00	22.91 0.22 0.00	23.12 0.24 0.00	20.23 0.15 0.00	20.49 0.29 0.00
GOUDEY___8 23580	18.49 0.05 0.00	16.58 0.09 0.00	16.16 0.04 0.00	15.34 0.06 0.00	14.87 0.08 0.00	14.29 0.13 0.00	17.19 0.16 0.00	20.28 0.25 0.00	19.35 0.26 0.00	20.65 0.34 0.00	21.08 0.35 0.00	21.50 0.34 0.00	22.38 0.41 0.00	21.43 0.37 0.00	20.48 0.27 0.00	19.78 0.20 0.00	46.95 0.70 11.62	24.96 0.14 0.00	23.41 0.17 0.00	24.12 0.23 0.00	22.89 0.20 0.00	23.10 0.22 0.00	20.22 0.13 0.00	20.48 0.27 0.00
GOWANUS_GT1_1 24077	19.40 0.97 0.00	17.29 0.79 0.00	16.81 0.69 0.00	15.93 0.65 0.00	15.42 0.63 0.00	14.81 0.65 0.00	17.79 0.76 0.00	21.07 1.04 0.00	20.20 1.11 0.00	21.63 1.32 0.00	22.13 1.40 0.00	22.67 1.51 0.00	23.74 1.78 0.00	22.81 1.74 0.00	25.05 1.68 -3.17	27.91 1.61 -6.71	62.04 4.17 0.00	26.70 1.89 0.00	25.06 1.81 0.00	25.59 1.70 0.00	24.29 1.60 0.00	24.41 1.54 0.00	21.38 1.29 0.00	21.42 1.21 0.00
GOWANUS_GT1_2 24078	19.40 0.97 0.00	17.29 0.79 0.00	16.81 0.69 0.00	15.93 0.65 0.00	15.42 0.63 0.00	14.81 0.65 0.00	17.79 0.76 0.00	21.07 1.04 0.00	20.20 1.11 0.00	21.63 1.32 0.00	22.13 1.40 0.00	22.67 1.51 0.00	23.74 1.78 0.00	22.81 1.74 0.00	25.05 1.68 -3.17	27.91 1.61 -6.71	62.04 4.17 0.00	26.70 1.89 0.00	25.06 1.81 0.00	25.59 1.70 0.00	24.29 1.60 0.00	24.41 1.54 0.00	21.38 1.29 0.00	21.42 1.21 0.00

GOWANUS_GT1_3 24079	19.40 0.97 0.00	17.29 0.79 0.00	16.81 0.69 0.00	15.93 0.65 0.00	15.42 0.63 0.00	14.81 0.65 0.00	17.79 0.76 0.00	21.07 1.04 0.00	20.20 1.11 0.00	21.63 1.32 0.00	22.13 1.40 0.00	22.67 1.51 0.00	23.74 1.78 0.00	22.81 1.74 0.00	25.05 1.68 -3.17	27.91 1.61 -6.71	62.04 4.17 0.00	26.70 1.89 0.00	25.06 1.81 0.00	25.59 1.70 0.00	24.29 1.60 0.00	24.41 1.54 0.00	21.38 1.29 0.00	21.42 1.21 0.00
GOWANUS_GT1_4 24080	19.40 0.97 0.00	17.29 0.79 0.00	16.81 0.69 0.00	15.93 0.65 0.00	15.42 0.63 0.00	14.81 0.65 0.00	17.79 0.76 0.00	21.07 1.04 0.00	20.20 1.11 0.00	21.63 1.32 0.00	22.13 1.40 0.00	22.67 1.51 0.00	23.74 1.78 0.00	22.81 1.74 0.00	25.05 1.68 -3.17	27.91 1.61 -6.71	62.04 4.17 0.00	26.70 1.89 0.00	25.06 1.81 0.00	25.59 1.70 0.00	24.29 1.60 0.00	24.41 1.54 0.00	21.38 1.29 0.00	21.42 1.21 0.00
GOWANUS_GT1_5 24084	19.40 0.97 0.00	17.29 0.79 0.00	16.81 0.69 0.00	15.93 0.65 0.00	15.42 0.63 0.00	14.81 0.65 0.00	17.79 0.76 0.00	21.07 1.04 0.00	20.20 1.11 0.00	21.63 1.32 0.00	22.13 1.40 0.00	22.67 1.51 0.00	23.74 1.78 0.00	22.81 1.74 0.00	25.05 1.68 -3.17	27.91 1.61 -6.71	62.04 4.17 0.00	26.70 1.89 0.00	25.06 1.81 0.00	25.59 1.70 0.00	24.29 1.60 0.00	24.41 1.54 0.00	21.38 1.29 0.00	21.42 1.21 0.00
GOWANUS_GT1_6 24111	19.40 0.97 0.00	17.29 0.79 0.00	16.81 0.69 0.00	15.93 0.65 0.00	15.42 0.63 0.00	14.81 0.65 0.00	17.79 0.76 0.00	21.07 1.04 0.00	20.20 1.11 0.00	21.63 1.32 0.00	22.13 1.40 0.00	22.67 1.51 0.00	23.74 1.78 0.00	22.81 1.74 0.00	25.05 1.68 -3.17	27.91 1.61 -6.71	62.04 4.17 0.00	26.70 1.89 0.00	25.06 1.81 0.00	25.59 1.70 0.00	24.29 1.60 0.00	24.41 1.54 0.00	21.38 1.29 0.00	21.42 1.21 0.00
GOWANUS_GT1_7 24112	19.40 0.97 0.00	17.29 0.79 0.00	16.81 0.69 0.00	15.93 0.65 0.00	15.42 0.63 0.00	14.81 0.65 0.00	17.79 0.76 0.00	21.07 1.04 0.00	20.20 1.11 0.00	21.63 1.32 0.00	22.13 1.40 0.00	22.67 1.51 0.00	23.74 1.78 0.00	22.81 1.74 0.00	25.05 1.68 -3.17	27.91 1.61 -6.71	62.04 4.17 0.00	26.70 1.89 0.00	25.06 1.81 0.00	25.59 1.70 0.00	24.29 1.60 0.00	24.41 1.54 0.00	21.38 1.29 0.00	21.42 1.21 0.00
GOWANUS_GT1_8 24113	19.40 0.97 0.00	17.29 0.79 0.00	16.81 0.69 0.00	15.93 0.65 0.00	15.42 0.63 0.00	14.81 0.65 0.00	17.79 0.76 0.00	21.07 1.04 0.00	20.20 1.11 0.00	21.63 1.32 0.00	22.13 1.40 0.00	22.67 1.51 0.00	23.74 1.78 0.00	22.81 1.74 0.00	25.05 1.68 -3.17	27.91 1.61 -6.71	62.04 4.17 0.00	26.70 1.89 0.00	25.06 1.81 0.00	25.59 1.70 0.00	24.29 1.60 0.00	24.41 1.54 0.00	21.38 1.29 0.00	21.42 1.21 0.00
GOWANUS_GT2_1 24114	19.40 0.96 0.00	17.29 0.79 0.00	16.81 0.69 0.00	15.93 0.65 0.00	15.42 0.63 0.00	14.80 0.64 0.00	17.79 0.76 0.00	21.07 1.04 0.00	20.21 1.11 0.00	21.63 1.32 0.00	22.12 1.39 0.00	22.66 1.50 0.00	23.75 1.78 0.00	22.80 1.74 0.00	25.05 1.68 -3.17	27.90 1.61 -6.71	62.04 4.17 0.00	26.71 1.89 0.00	25.06 1.81 0.00	25.59 1.70 0.00	24.29 1.60 0.00	24.41 1.54 0.00	21.38 1.29 0.00	21.42 1.21 0.00
GOWANUS_GT2_2 24115	19.40 0.96 0.00	17.29 0.79 0.00	16.81 0.69 0.00	15.93 0.65 0.00	15.42 0.63 0.00	14.80 0.64 0.00	17.79 0.76 0.00	21.07 1.04 0.00	20.21 1.11 0.00	21														

GOWANUS_GT3_2 24123	19.40 0.96 0.00	17.29 0.79 0.00	16.81 0.69 0.00	15.93 0.65 0.00	15.42 0.63 0.00	14.80 0.64 0.00	17.79 0.76 0.00	21.07 1.04 0.00	20.21 1.11 0.00	21.63 1.32 0.00	22.12 1.39 0.00	22.66 1.50 0.00	23.75 1.78 0.00	22.80 1.74 0.00	25.05 1.68 -3.17	27.90 1.61 -6.71	62.04 4.17 0.00	26.71 1.89 0.00	25.06 1.81 0.00	25.59 1.70 0.00	24.29 1.60 0.00	24.41 1.54 0.00	21.38 1.29 0.00	21.42 1.21 0.00
GOWANUS_GT3_3 24124	19.40 0.96 0.00	17.29 0.79 0.00	16.81 0.69 0.00	15.93 0.65 0.00	15.42 0.63 0.00	14.80 0.64 0.00	17.79 0.76 0.00	21.07 1.04 0.00	20.21 1.11 0.00	21.63 1.32 0.00	22.12 1.39 0.00	22.66 1.50 0.00	23.75 1.78 0.00	22.80 1.74 0.00	25.05 1.68 -3.17	27.90 1.61 -6.71	62.04 4.17 0.00	26.71 1.89 0.00	25.06 1.81 0.00	25.59 1.70 0.00	24.29 1.60 0.00	24.41 1.54 0.00	21.38 1.29 0.00	21.42 1.21 0.00
GOWANUS_GT3_4 24125	19.40 0.96 0.00	17.29 0.79 0.00	16.81 0.69 0.00	15.93 0.65 0.00	15.42 0.63 0.00	14.80 0.64 0.00	17.79 0.76 0.00	21.07 1.04 0.00	20.21 1.11 0.00	21.63 1.32 0.00	22.12 1.39 0.00	22.66 1.50 0.00	23.75 1.78 0.00	22.80 1.74 0.00	25.05 1.68 -3.17	27.90 1.61 -6.71	62.04 4.17 0.00	26.71 1.89 0.00	25.06 1.81 0.00	25.59 1.70 0.00	24.29 1.60 0.00	24.41 1.54 0.00	21.38 1.29 0.00	21.42 1.21 0.00
GOWANUS_GT3_5 24126	19.40 0.96 0.00	17.29 0.79 0.00	16.81 0.69 0.00	15.93 0.65 0.00	15.42 0.63 0.00	14.80 0.64 0.00	17.79 0.76 0.00	21.07 1.04 0.00	20.21 1.11 0.00	21.63 1.32 0.00	22.12 1.39 0.00	22.66 1.50 0.00	23.75 1.78 0.00	22.80 1.74 0.00	25.05 1.68 -3.17	27.90 1.61 -6.71	62.04 4.17 0.00	26.71 1.89 0.00	25.06 1.81 0.00	25.59 1.70 0.00	24.29 1.60 0.00	24.41 1.54 0.00	21.38 1.29 0.00	21.42 1.21 0.00
GOWANUS_GT3_6 24127	19.40 0.96 0.00	17.29 0.79 0.00	16.81 0.69 0.00	15.93 0.65 0.00	15.42 0.63 0.00	14.80 0.64 0.00	17.79 0.76 0.00	21.07 1.04 0.00	20.21 1.11 0.00	21.63 1.32 0.00	22.12 1.39 0.00	22.66 1.50 0.00	23.75 1.78 0.00	22.80 1.74 0.00	25.05 1.68 -3.17	27.90 1.61 -6.71	62.04 4.17 0.00	26.71 1.89 0.00	25.06 1.81 0.00	25.59 1.70 0.00	24.29 1.60 0.00	24.41 1.54 0.00	21.38 1.29 0.00	21.42 1.21 0.00
GOWANUS_GT3_7 24128	19.40 0.96 0.00	17.29 0.79 0.00	16.81 0.69 0.00	15.93 0.65 0.00	15.42 0.63 0.00	14.80 0.64 0.00	17.79 0.76 0.00	21.07 1.04 0.00	20.21 1.11 0.00	21.63 1.32 0.00	22.12 1.39 0.00	22.66 1.50 0.00	23.75 1.78 0.00	22.80 1.74 0.00	25.05 1.68 -3.17	27.90 1.61 -6.71	62.04 4.17 0.00	26.71 1.89 0.00	25.06 1.81 0.00	25.59 1.70 0.00	24.29 1.60 0.00	24.41 1.54 0.00	21.38 1.29 0.00	21.42 1.21 0.00
GOWANUS_GT3_8 24129	19.40 0.96 0.00	17.29 0.79 0.00	16.81 0.69 0.00	15.93 0.65 0.00	15.42 0.63 0.00	14.80 0.64 0.00	17.79 0.76 0.00	21.07 1.04 0.00	20.21 1.11 0.00	21.63 1.32 0.00	22.12 1.39 0.00	22.66 1.50 0.00	23.75 1.78 0.00	22.80 1.74 0.00	25.05 1.68 -3.17	27.90 1.61 -6.71	62.04 4.17 0.00	26.71 1.89 0.00	25.06 1.81 0.00	25.59 1.70 0.00	24.29 1.60 0.00	24.41 1.54 0.00	21.38 1.29 0.00	21.42 1.21 0.00
GOWANUS_GT4_1 24130	19.40 0.97 0.00	17.29 0.79 0.00	16.81 0.69 0.00	15.93 0.65 0.00	15.42 0.63 0.00	14.81 0.65 0.00	17.79 0.76 0.00	21.07 1.04 0.00	20.20 1.11 0.00	21.63 1.32 0.00	22.13 1.40 0.00	22.67 1.51 0.00	23.74 1.78 0.00	22.81 1.74 0.00	25.05 1.68 -3.17	27.91 1.61 -6.71	62.04 4.17 0.00	26.70 1.89 0.00	25.06 1.81 0.00	25.59 1.70 0.00	24.29 1.60 0.00	24.41 1.54 0.00	21.38 1.29 0.00	21.42 1.21 0.00
GOWANUS_GT4_2 24131	19.40 0.97 0.00	17.29 0.79 0.00	16.81 0.69 0.00	15.93 0.65 0.00	15.42 0.63 0.00	14.81 0.65 0.00	17.79 0.76 0.00	21.07 1.04 0.00	20.20 1.11 0.00	21.63 1.32 0.00	22.13 1.40 0.00	22.67 1.51 0.00	23.74 1.78 0.00	22.81 1.74 0.00	25.05 1.68 -3.17	27.91 1.61 -6.71	62.04 4.17 0.00	26.70 1.89 0.00	25.06 1.81 0.00	25.59 1.70 0.00	24.29 1.60 0.00	24.41 1.54 0.00	21.38 1.29 0.00	21.42 1.21 0.00
GOWANUS_GT4_3 24132	19.40 0.97 0.00	17.29 0.79 0.00	16.81 0.69 0.00	15.93 0.65 0.00	15.42 0.63 0.00	14.81 0.65 0.00	17.79 0.76 0.00	21.07 1.04 0.00	20.20 1.11 0.00	21.63 1.32 0.00	22.13 1.40 0.00	22.67 1.51 0.00	23.74 1.78 0.00	22.81 1.74 0.00	25.05 1.68 -3.17	27.91 1.61 -6.71	62.04 4.17 0.00	26.70 1.89 0.00	25.06 1.81 0.00	25.59 1.70 0.00	24.29 1.60 0.00	24.41 1.54 0.00	21.38 1.29 0.00	21.42 1.21 0.00
GOWANUS_GT4_4 24133	19.40 0.97 0.00	17.29 0.79 0.00	16.81 0.69 0.00	15.93 0.65 0.00	15.42 0.63 0.00	14.81 0.65 0.00	17.79 0.76 0.00	21.07 1.04 0.00	20.20 1.11 0.00	21.63 1.32 0.00	22.13 1.40 0.00	22.67 1.51 0.00	23.74 1.78 0.00	22.81 1.74 0.00	25.05 1.68 -3.17	27.91 1.61 -6.71	62.04 4.17 0.00	26.70 1.89 0.00	25.06 1.81 0.00	25.59 1.70 0.00	24.29 1.60 0.00	24.41 1.54 0.00	21.38 1.29 0.00	21.42 1.21 0.00
GOWANUS_GT4_5 24134	19.40 0.97 0.00	17.29 0.79 0.00	16.81 0.69 0.00	15.93 0.65 0.00	15.42 0.63 0.00	14.81 0.65 0.00	17.79 0.76 0.00	21.07 1.04 0.00	20.20 1.11 0.00	21.63 1.32 0.00	22.13 1.40 0.00	22.67 1.51 0.00	23.74 1.78 0.00	22.81 1.74 0.00	25.05 1.68 -3.17	27.91 1.61 -6.71	62.04 4.17 0.00	26.70 1.89 0.00	25.06 1.81 0.00	25.59 1.70 0.00	24.29 1.60 0.00	24.41 1.54 0.00	21.38 1.29 0.00	21.42 1.21 0.00
GOWANUS_GT4_6 24135	19.40 0.97 0.00	17.29 0.79 0.00	16.81 0.69 0.00	15.93 0.65 0.00	15.42 0.63 0.00	14.81 0.65 0.00	17.79 0.76 0.00	21.07 1.04 0.00	20.20 1.11 0.00	21.63 1.32 0.00	22.13 1.40 0.00	22.67 1.51 0.00	23.74 1.78 0.00	22.81 1.74 0.00	25.05 1.68 -3.17	27.91 1.61 -6.71	62.04 4.17 0.00	26.70 1.89 0.00	25.06 1.81 0.00	25.59 1.70 0.00	24.29 1.60 0.00	24.41 1.54 0.00	21.38 1.29 0.00	21.42 1.21 0.00
GOWANUS_GT4_7 24136	19.40 0.97 0.00	17.29 0.79 0.00	16.81 0.69 0.00	15.93 0.65 0.00	15.42 0.63 0.00	14.81 0.65 0.00	17.79 0.76 0.00	21.07 1.04 0.00	20.20 1.11 0.00	21.63 1.32 0.00	22.13 1.40 0.00	22.67 1.51 0.00	23.74 1.78 0.00	22.81 1.74 0.00	25.05 1.68 -3.17	27.91 1.61 -6.71	62.04 4.17 0.00	26.70 1.89 0.00	25.06 1.81 0.00	25.59 1.70 0.00	24.29 1.60 0.00	24.41 1.54 0.00	21.38 1.29 0.00	21.42 1.21 0.00
GOWANUS_GT4_8 24137	19.40 0.97 0.00	17.29 0.79 0.00	16.81 0.69 0.00	15.93 0.65 0.00	15.42 0.63 0.00	14.81 0.65 0.00	17.79 0.76 0.00	21.07 1.04 0.00	20.20 1.11 0.00	21.63 1.32 0.00	22.13 1.40 0.00	22.67 1.51 0.00	23.74 1.78 0.00	22.81 1.74 0.00	25.05 1.68 -3.17	27.91 1.61 -6.71	62.04 4.17 0.00	26.70 1.89 0.00	25.06 1.81 0.00	25.59 1.70 0.00	24.29 1.60 0.00	24.41 1.54 0.00	21.38 1.29 0.00	21.42 1.21 0.00

GREENBSH_115KV_TB3 55895	18.82 0.38 0.00	16.90 0.40 0.00	16.49 0.37 0.00	15.64 0.37 0.00	15.14 0.34 0.00	14.45 0.29 0.00	17.32 0.30 0.00	20.38 0.35 0.00	19.44 0.35 0.00	20.70 0.38 0.00	21.11 0.37 0.00	21.59 0.42 0.00	22.51 0.55 0.00	21.61 0.55 0.00	21.53 0.56 -0.76	21.75 0.54 -1.63	59.21 1.33 0.00	25.40 0.58 0.00	23.82 0.57 0.00	24.45 0.57 0.00	23.23 0.55 0.00	23.37 0.50 0.00	20.51 0.42 0.00	20.59 0.38 0.00
GREENDGE_115KV_TB5 80291	18.46 0.02 0.00	16.57 0.07 0.00	16.13 0.01 0.00	15.32 0.04 0.00	14.88 0.08 0.00	14.34 0.18 0.00	17.29 0.26 0.00	20.37 0.34 0.00	19.47 0.38 0.00	20.77 0.45 0.00	21.20 0.47 0.00	21.60 0.43 0.00	22.40 0.44 0.00	21.29 0.22 0.00	20.27 0.06 0.00	19.60 0.02 0.00	35.08 0.37 23.16	24.74 -0.08 0.00	23.23 -0.02 0.00	23.97 0.09 0.00	22.76 0.07 0.00	22.93 0.06 0.00	20.07 -0.02 0.00	20.42 0.21 0.00
GREENIDGE___3 23582	18.46 0.02 0.00	16.57 0.07 0.00	16.13 0.01 0.00	15.32 0.04 0.00	14.88 0.08 0.00	14.34 0.18 0.00	17.29 0.26 0.00	20.37 0.34 0.00	19.47 0.38 0.00	20.77 0.45 0.00	21.20 0.47 0.00	21.60 0.43 0.00	22.40 0.44 0.00	21.29 0.22 0.00	20.27 0.06 0.00	19.60 0.02 0.00	35.08 0.37 23.16	24.74 -0.08 0.00	23.23 -0.02 0.00	23.97 0.09 0.00	22.76 0.07 0.00	22.93 0.06 0.00	20.07 -0.02 0.00	20.42 0.21 0.00
GREENIDGE___4 23583	18.46 0.02 0.00	16.57 0.07 0.00	16.13 0.01 0.00	15.32 0.04 0.00	14.88 0.08 0.00	14.34 0.18 0.00	17.29 0.26 0.00	20.37 0.34 0.00	19.47 0.38 0.00	20.77 0.45 0.00	21.20 0.47 0.00	21.60 0.43 0.00	22.40 0.43 0.00	21.29 0.23 0.00	20.28 0.07 0.00	19.61 0.03 0.00	35.06 0.35 23.16	24.74 -0.08 0.00	23.23 -0.02 0.00	23.97 0.09 0.00	22.76 0.07 0.00	22.93 0.06 0.00	20.07 -0.02 0.00	20.42 0.21 0.00
GREENLWN_69_KV_BK 3 55738	19.18 0.74 0.00	17.17 0.67 0.00	16.77 0.65 0.00	15.95 0.68 0.00	15.53 0.74 0.00	15.19 0.76 -0.26	20.50 0.93 -2.54	21.08 1.05 0.00	19.95 0.86 0.00	22.00 1.07 -0.61	33.10 1.28 -11.09	109.74 1.37 -87.21	195.88 1.65 -172.27	118.62 1.57 -95.99	46.58 1.60 -24.78	70.68 1.55 -49.54	69.35 3.84 -7.64	36.69 1.79 -10.09	47.35 1.67 -22.43	26.27 1.57 -0.82	24.13 1.44 0.00	24.27 1.40 0.00	21.34 1.25 0.00	21.02 1.15 0.34
GREENWD_138_KV_38B11_REV_LBMP_J 345004	19.40 0.97 0.00	17.29 0.79 0.00	16.81 0.69 0.00	15.93 0.65 0.00	15.42 0.63 0.00	14.81 0.65 0.00	17.79 0.76 0.00	21.07 1.04 0.00	20.20 1.11 0.00	21.63 1.32 0.00	22.13 1.40 0.00	22.67 1.51 0.00	23.74 1.78 0.00	22.81 1.74 0.00	25.05 1.68 -3.17	27.91 1.61 -6.71	62.04 4.17 0.00	26.70 1.89 0.00	25.06 1.81 0.00	25.59 1.70 0.00	24.29 1.60 0.00	24.41 1.54 0.00	21.38 1.29 0.00	21.42 1.21 0.00
GRISSOM___SOLAR 323813	20.16 1.73 0.00	17.96 1.47 0.00	17.54 1.42 0.00	16.61 1.33 0.00	16.10 1.30 0.00	15.49 1.33 0.00	18.67 1.64 0.00	22.00 1.97 0.00	20.94 1.85 0.00	22.26 1.95 0.00	22.69 1.96 0.00	22.93 1.77 0.00	24.35 2.39 0.00	23.30 2.24 0.00	22.77 2.00 -0.57	22.66 1.86 -1.21	63.45 5.57 0.00	27.30 2.48 0.00	25.56 2.32 0.00	26.25 2.37 0.00	25.03 2.34 0.00	25.24 2.37 0.00	21.78 1.69 0.00	21.89 1.68 0.00
GROVEVILLE___HYD 323602	19.40 0.96 0.00	17.31 0.81 0.00	16.84 0.72 0.00	15.93 0.65 0.00	15.39 0.60 0.00	14.76 0.60 0.00	17.76 0.73 0.00	21.03 1.00 0.00	20.04 0.95 0.00	21.42 1.11 0.00	21.88 1.15 0.00	22.44 1.27 0.00	23.40 1.43 0.00	22.44 1.38 0.00	22.45 1.33 -0.91	22.76 1.24 -1.94	61.17 3.29 0.00	26.29 1.48 0.00	24.63 1.39 0.00	25.31 1.43 0.00	24.23 1.54 0.00	24.37 1.50 0.00	21.34 1.25 0.00	21.39 1.17 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	18.38 -0.06 0.00	16.46 -0.03 0.00	16.06 -0.06 0.00	15.23 -0.05 0.00	14.78 -0.02 0.00	14.19 0.03 0.00	17.06 0.03 0.00	20.06 0.03 0.00	19.12 0.03 0.00	20.31 0.00 0.00	20.72 -0.01 0.00	21.12 -0.04 0.00	21.93 -0.04 0.00	21.02 -0.04 0.00	20.12 -0.09 0.00	19.49 -0.09 0.00	57.55 -0.33 0.00	24.63 -0.18 0.00	23.09 -0.15 0.00	23.76 -0.13 0.00	22.58 -0.11 0.00	22.74 -0.14 0.00	19.91 -0.18 0.00	20.08 -0.13 0.00
HAMLTNNY_34_KV_TB 80303	18.40 -0.03 0.00	16.48 -0.02 0.00	16.09 -0.04 0.00	15.26 -0.02 0.00	14.79 0.00 0.00	14.22 0.06 0.00	17.10 0.07 0.00	20.10 0.07 0.00	19.16 0.07 0.00	20.38 0.06 0.00	20.77 0.04 0.00	21.17 0.01 0.00	21.99 0.02 0.00	21.07 0.01 0.00	20.16 -0.04 0.00	19.55 -0.03 0.00	57.73 -0.14 0.00	24.71 -0.11 0.00	23.16 -0.09 0.00	23.82 -0.06 0.00	22.64 -0.05 0.00	22.80 -0.08 0.00	19.97 -0.12 0.00	20.14 -0.07 0.00
HAMPSHIRE___PAPER_HYD 323593	18.84 0.41 0.00	16.84 0.35 0.00	16.43 0.31 0.00	15.57 0.29 0.00	15.08 0.29 0.00	14.46 0.30 0.00	17.48 0.45 0.00	20.57 0.54 0.00	19.42 0.33 0.00	20.61 0.29 0.00	21.04 0.30 0.00	21.43 0.27 0.00	22.10 0.14 0.00	21.17 0.10 0.00	20.30 0.10 0.00	19.82 0.23 0.00	58.64 0.77 0.00	25.21 0.40 0.00	23.65 0.40 0.00	24.25 0.36 0.00	22.96 0.27 0.00	23.23 0.36 0.00	20.39 0.30 0.00	20.50 0.29 0.00
HARDSCRABBLE_WT_PWR 323673	18.33 -0.11 0.00	16.32 -0.17 0.00	15.92 -0.20 0.00	15.11 -0.17 0.00	14.64 -0.15 0.00	14.00 -0.16 0.00	16.75 -0.27 0.00	19.77 -0.26 0.00	18.79 -0.31 0.00	20.00 -0.32 0.00	20.51 -0.22 0.00	21.26 0.10 0.00	22.12 0.15 0.00	21.17 0.11 0.00	20.27 0.06 0.00	19.55 -0.03 0.00	58.19 0.32 0.00	24.82 0.01 0.00	23.35 0.10 0.00	24.04 0.16 0.00	22.87 0.18 0.00	22.96 0.08 0.00	20.14 0.05 0.00	20.19 -0.02 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	19.18 0.75 0.00	17.10 0.61 0.00	16.64 0.52 0.00	15.77 0.50 0.00	15.27 0.48 0.00	14.65 0.49 0.00	17.60 0.58 0.00	20.84 0.81 0.00	19.94 0.85 0.00	21.35 1.03 0.00	21.83 1.10 0.00	22.40 1.24 0.00	23.47 1.50 0.00	22.52 1.45 0.00	18.65 1.35 2.91	15.11 1.24 5.72	61.34 3.46 0.00	26.33 1.52 0.00	24.67 1.42 0.00	25.26 1.38 0.00	24.01 1.32 0.00	24.14 1.26 0.00	21.13 1.04 0.00	21.19 0.98 0.00
HARSNRAD_115KV_TB1 81005	18.15 -0.29 0.00	16.32 -0.17 0.00	15.90 -0.22 0.00	15.09 -0.18 0.00	14.63 -0.16 0.00	14.17 0.01 0.00	16.99 -0.04 0.00	19.75 -0.28 0.00	18.97 -0.12 0.00	20.21 -0.10 0.00	20.63 -0.10 0.00	20.85 -0.31 0.00	21.55 -0.42 0.00	20.55 -0.52 0.00	19.67 -0.53 0.00	19.00 -0.58 0.00	16.66 -1.45 39.77	23.86 -0.95 0.00	22.24 -1.01 0.00	23.09 -0.79 0.00	21.92 -0.77 0.00	22.16 -0.72 0.00	19.53 -0.57 0.00	20.16 -0.05 0.00
HARZA MOOSE___RIVER 24016	18.88 0.44 0.00	16.87 0.37 0.00	16.45 0.33 0.00	15.59 0.31 0.00	15.11 0.32 0.00	14.50 0.34 0.00	17.49 0.47 0.00	20.63 0.60 0.00	19.64 0.55 0.00	20.87 0.55 0.00	21.32 0.59 0.00	21.76 0.60 0.00	22.55 0.58 0.00	21.60 0.54 0.00	20.68 0.47 0.00	20.02 0.44 0.00	59.20 1.33 0.00	25.44 0.63 0.00	23.89 0.64 0.00	24.53 0.64 0.00	23.24 0.55 0.00	23.47 0.60 0.00	20.57 0.48 0.00	20.69 0.47 0.00

HDSNBRDG_115KV_BRDG_TB1 355580	18.27 -0.17 0.00	16.35 -0.14 0.00	15.95 -0.17 0.00	15.13 -0.15 0.00	14.66 -0.13 0.00	14.08 -0.08 0.00	16.90 -0.12 0.00	19.88 -0.15 0.00	18.97 -0.12 0.00	20.16 -0.16 0.00	20.57 -0.16 0.00	20.98 -0.18 0.00	21.79 -0.18 0.00	20.87 -0.20 0.00	19.99 -0.22 0.00	19.35 -0.23 0.00	38.93 -0.77 18.17	24.44 -0.38 0.00	22.90 -0.35 0.00	23.57 -0.31 0.00	22.41 -0.28 0.00	22.57 -0.30 0.00	19.77 -0.32 0.00	19.95 -0.26 0.00
HELLGATE_13_KV_LD 55870	19.31 0.87 0.00	17.22 0.72 0.00	16.75 0.63 0.00	15.87 0.59 0.00	15.37 0.58 0.00	14.75 0.59 0.00	17.72 0.70 0.00	20.99 0.96 0.00	20.14 1.04 0.00	21.56 1.24 0.00	22.06 1.32 0.00	22.59 1.43 0.00	23.64 1.68 0.00	22.71 1.65 0.00	24.94 1.57 -3.17	27.80 1.51 -6.71	61.76 3.88 0.00	26.58 1.77 0.00	24.92 1.67 0.00	25.44 1.56 0.00	24.15 1.46 0.00	24.28 1.40 0.00	21.27 1.18 0.00	21.32 1.11 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	19.31 0.87 0.00	17.22 0.72 0.00	16.75 0.63 0.00	15.87 0.59 0.00	15.37 0.58 0.00	14.75 0.59 0.00	17.72 0.70 0.00	20.99 0.96 0.00	20.14 1.04 0.00	21.56 1.24 0.00	22.06 1.32 0.00	22.59 1.43 0.00	23.64 1.68 0.00	22.71 1.65 0.00	24.94 1.57 -3.17	27.80 1.51 -6.71	61.76 3.88 0.00	26.58 1.77 0.00	24.92 1.67 0.00	25.44 1.56 0.00	24.15 1.46 0.00	24.28 1.40 0.00	21.27 1.18 0.00	21.32 1.11 0.00
HEMPSTEAD____ 23647	19.33 0.89 0.00	17.25 0.76 0.00	16.82 0.69 0.00	15.98 0.70 0.00	15.52 0.73 0.00	15.17 0.75 -0.26	20.48 0.91 -2.54	21.15 1.12 0.00	20.13 1.04 0.00	22.19 1.27 -0.61	33.28 1.45 -11.09	109.91 1.54 -87.21	196.03 1.79 -172.27	118.79 1.74 -95.99	46.67 1.69 -24.78	70.75 1.62 -49.54	69.67 4.16 -7.64	36.82 1.91 -10.09	47.48 1.80 -22.43	26.42 1.71 -0.82	24.27 1.58 0.00	24.42 1.55 0.00	21.41 1.32 0.00	22.47 1.25 -1.01
HEWLETT__69_KV_BK3 55828	19.51 1.07 0.00	17.40 0.91 0.00	16.96 0.84 0.00	16.11 0.83 0.00	15.66 0.87 0.00	15.31 0.88 -0.26	20.64 1.08 -2.54	21.35 1.32 0.00	20.30 1.21 0.00	22.38 1.45 -0.61	33.49 1.66 -11.09	110.18 1.81 -87.21	196.28 2.04 -172.27	119.01 1.96 -95.99	46.78 1.79 -24.78	70.80 1.68 -49.54	69.90 4.39 -7.64	37.14 2.23 -10.10	47.77 2.09 -22.44	26.73 2.02 -0.82	24.55 1.86 0.00	24.68 1.80 0.00	21.62 1.53 0.00	26.52 1.42 -4.88
HICKLING__1 23621	18.46 0.02 0.00	16.62 0.12 0.00	16.17 0.05 0.00	15.37 0.08 0.00	14.92 0.13 0.00	14.39 0.23 0.00	17.33 0.30 0.00	20.47 0.44 0.00	19.57 0.48 0.00	20.93 0.61 0.00	21.38 0.64 0.00	21.75 0.59 0.00	22.58 0.62 0.00	21.51 0.45 0.00	20.48 0.27 0.00	19.75 0.17 0.00	39.21 0.85 19.52	24.85 0.03 0.00	23.34 0.09 0.00	24.13 0.24 0.00	22.89 0.20 0.00	23.10 0.22 0.00	20.20 0.11 0.00	20.65 0.44 0.00
HICKLING__2 23622	18.46 0.02 0.00	16.62 0.12 0.00	16.17 0.05 0.00	15.37 0.08 0.00	14.92 0.13 0.00	14.39 0.23 0.00	17.33 0.30 0.00	20.47 0.44 0.00	19.57 0.48 0.00	20.93 0.61 0.00	21.38 0.64 0.00	21.75 0.59 0.00	22.58 0.62 0.00	21.51 0.45 0.00	20.48 0.27 0.00	19.75 0.17 0.00	39.21 0.85 19.52	24.85 0.03 0.00	23.34 0.09 0.00	24.13 0.24 0.00	22.89 0.20 0.00	23.10 0.22 0.00	20.20 0.11 0.00	20.65 0.44 0.00
HIGH FALLS__HY 23754	19.17 0.73 0.00	17.06 0.57 0.00	16.59 0.47 0.00	15.71 0.43 0.00	15.20 0.41 0.00	14.59 0.44 0.00	17.58 0.55 0.00	20.82 0.79 0.00	19.89 0.80 0.00	21.33 1.01 0.00	21.74 1.01 0.00	22.36 1.20 0.00	23.39 1.42 0.00	22.46 1.39 0.00	21.51 1.31 0.00	20.78 1.19 0.00	61.06 3.19 0.00	26.18 1.36 0.00	24.55 1.31 0.00	25.19 1.31 0.00	24.02 1.33 0.00	24.15 1.27 0.00	21.13 1.04 0.00	21.18 0.97 0.00
HILLBURN__GT 23639	19.11 0.67 0.00	17.04 0.55 0.00	16.58 0.46 0.00	15.71 0.43 0.00	15.22 0.42 0.00	14.59 0.43 0.00	17.53 0.50 0.00	20.77 0.74 0.00	19.88 0.79 0.00	21.28 0.96 0.00	21.76 1.03 0.00	22.36 1.19 0.00	23.43 1.46 0.00	22.48 1.42 0.00	18.38 1.30 3.12	14.58 1.22 6.22	61.19 3.31 0.00	26.28 1.47 0.00	24.61 1.36 0.00	25.18 1.30 0.00	23.92 1.24 0.00	24.06 1.19 0.00	21.07 0.98 0.00	21.13 0.92 0.00
HILLSIDE_115KV_TB1 80332	18.15 -0.29 0.00	16.33 -0.16 0.00	15.89 -0.23 0.00	15.11 -0.17 0.00	14.67 -0.12 0.00	14.12 -0.04 0.00	16.99 -0.03 0.00	20.08 0.05 0.00	19.17 0.08 0.00	20.51 0.19 0.00	20.95 0.21 0.00	21.34 0.18 0.00	22.22 0.25 0.00	21.24 0.18 0.00	20.25 0.05 0.00	19.49 -0.09 0.00	39.50 0.07 18.44	24.52 -0.30 0.00	23.02 -0.22 0.00	23.78 -0.11 0.00	22.55 -0.14 0.00	22.78 -0.09 0.00	19.93 -0.16 0.00	20.33 0.12 0.00
HISHELDN_WT_PWR 323625	18.12 -0.32 0.00	16.31 -0.18 0.00	15.91 -0.21 0.00	15.12 -0.16 0.00	14.67 -0.12 0.00	14.20 0.04 0.00	17.05 0.02 0.00	19.96 -0.07 0.00	19.15 0.06 0.00	20.45 0.13 0.00	20.87 0.14 0.00	21.10 -0.06 0.00	21.82 -0.15 0.00	20.68 -0.38 0.00	19.68 -0.53 0.00	19.03 -0.55 0.00	22.33 -1.20 34.35	23.89 -0.93 0.00	22.36 -0.89 0.00	23.19 -0.69 0.00	22.04 -0.65 0.00	22.26 -0.61 0.00	19.56 -0.53 0.00	20.22 0.01 0.00
HOLTSVILLE_IC_1 23690	19.25 0.82 0.00	17.19 0.69 0.00	16.79 0.66 0.00	15.98 0.70 0.00	15.55 0.76 0.00	15.21 0.79 -0.26	20.52 0.96 -2.54	21.12 1.09 0.00	19.99 0.90 0.00	22.03 1.10 -0.61	33.13 1.30 -11.09	109.76 1.39 -87.21	195.87 1.64 -172.27	118.51 1.47 -95.99	46.55 1.56 -24.78	70.74 1.61 -49.54	69.46 3.95 -7.64	36.78 1.88 -10.09	47.35 1.67 -22.43	26.28 1.57 -0.82	24.11 1.42 0.00	24.24 1.37 0.00	21.40 1.31 0.00	20.99 1.19 0.41
HOLTSVILLE_IC_10 23699	19.35 0.91 0.00	17.28 0.78 0.00	16.87 0.75 0.00	16.05 0.77 0.00	15.63 0.83 0.00	15.29 0.87 -0.26	20.62 1.06 -2.54	21.23 1.20 0.00	20.09 1.00 0.00	22.14 1.21 -0.61	33.25 1.43 -11.09	109.86 1.49 -87.21	195.98 1.75 -172.27	118.62 1.57 -95.99	46.69 1.71 -24.78	70.89 1.76 -49.54	69.88 4.37 -7.64	36.97 2.06 -10.09	47.50 1.82 -22.43	26.42 1.72 -0.82	24.24 1.55 0.00	24.38 1.50 0.00	21.52 1.43 0.00	21.13 1.30 0.38
HOLTSVILLE_IC_2 23691	19.25 0.82 0.00	17.19 0.69 0.00	16.79 0.66 0.00	15.98 0.70 0.00	15.55 0.76 0.00	15.21 0.79 -0.26	20.52 0.96 -2.54	21.12 1.09 0.00	19.99 0.90 0.00	22.03 1.10 -0.61	33.13 1.30 -11.09	109.76 1.39 -87.21	195.87 1.64 -172.27	118.51 1.47 -95.99	46.55 1.56 -24.78	70.74 1.61 -49.54	69.46 3.95 -7.64	36.78 1.88 -10.09	47.35 1.67 -22.43	26.28 1.57 -0.82	24.11 1.42 0.00	24.24 1.37 0.00	21.40 1.31 0.00	20.99 1.19 0.41
HOLTSVILLE_IC_3 23692	19.25 0.82 0.00	17.19 0.69 0.00	16.79 0.66 0.00	15.98 0.70 0.00	15.55 0.76 0.00	15.21 0.79 -0.26	20.52 0.96 -2.54	21.12 1.09 0.00	19.99 0.90 0.00	22.03 1.10 -0.61	33.13 1.30 -11.09	109.76 1.39 -87.21	195.87 1.64 -172.27	118.51 1.47 -95.99	46.55 1.56 -24.78	70.74 1.61 -49.54	69.46 3.95 -7.64	36.78 1.88 -10.09	47.35 1.67 -22.43	26.28 1.57 -0.82	24.11 1.42 0.00	24.24 1.37 0.00	21.40 1.31 0.00	20.99 1.19 0.41

HOLTSVILLE_IC_4 23693	19.25 0.82 0.00	17.19 0.69 0.00	16.79 0.66 0.00	15.98 0.70 0.00	15.55 0.76 0.00	15.21 0.79 -0.26	20.52 0.96 -2.54	21.12 1.09 0.00	19.99 0.90 0.00	22.03 1.10 -0.61	33.13 1.30 -11.09	109.76 1.39 -87.21	195.87 1.64 -172.27	118.51 1.47 -95.99	46.55 1.56 -24.78	70.74 1.61 -49.54	69.46 3.95 -7.64	36.78 1.88 -10.09	47.35 1.67 -22.43	26.28 1.57 -0.82	24.11 1.42 0.00	24.24 1.37 0.00	21.40 1.31 0.00	20.99 1.19 0.41
HOLTSVILLE_IC_5 23694	19.25 0.82 0.00	17.19 0.69 0.00	16.79 0.66 0.00	15.98 0.70 0.00	15.55 0.76 0.00	15.21 0.79 -0.26	20.52 0.96 -2.54	21.12 1.09 0.00	19.99 0.90 0.00	22.03 1.10 -0.61	33.13 1.30 -11.09	109.76 1.39 -87.21	195.87 1.64 -172.27	118.51 1.47 -95.99	46.55 1.56 -24.78	70.74 1.61 -49.54	69.46 3.95 -7.64	36.78 1.88 -10.09	47.35 1.67 -22.43	26.28 1.57 -0.82	24.11 1.42 0.00	24.24 1.37 0.00	21.40 1.31 0.00	20.99 1.19 0.41
HOLTSVILLE_IC_6 23695	19.35 0.91 0.00	17.28 0.78 0.00	16.87 0.75 0.00	16.05 0.77 0.00	15.63 0.83 0.00	15.29 0.87 -0.26	20.62 1.06 -2.54	21.23 1.20 0.00	20.09 1.00 0.00	22.14 1.21 -0.61	33.25 1.43 -11.09	109.86 1.49 -87.21	195.98 1.75 -172.27	118.62 1.57 -95.99	46.69 1.71 -24.78	70.89 1.76 -49.54	69.88 4.37 -7.64	36.97 2.06 -10.09	47.50 1.82 -22.43	26.42 1.72 -0.82	24.24 1.55 0.00	24.38 1.50 0.00	21.52 1.43 0.00	21.13 1.30 0.38
HOLTSVILLE_IC_7 23696	19.35 0.91 0.00	17.28 0.78 0.00	16.87 0.75 0.00	16.05 0.77 0.00	15.63 0.83 0.00	15.29 0.87 -0.26	20.62 1.06 -2.54	21.23 1.20 0.00	20.09 1.00 0.00	22.14 1.21 -0.61	33.25 1.43 -11.09	109.86 1.49 -87.21	195.98 1.75 -172.27	118.62 1.57 -95.99	46.69 1.71 -24.78	70.89 1.76 -49.54	69.88 4.37 -7.64	36.97 2.06 -10.09	47.50 1.82 -22.43	26.42 1.72 -0.82	24.24 1.55 0.00	24.38 1.50 0.00	21.52 1.43 0.00	21.13 1.30 0.38
HOLTSVILLE_IC_8 23697	19.35 0.91 0.00	17.28 0.78 0.00	16.87 0.75 0.00	16.05 0.77 0.00	15.63 0.83 0.00	15.29 0.87 -0.26	20.62 1.06 -2.54	21.23 1.20 0.00	20.09 1.00 0.00	22.14 1.21 -0.61	33.25 1.43 -11.09	109.86 1.49 -87.21	195.98 1.75 -172.27	118.62 1.57 -95.99	46.69 1.71 -24.78	70.89 1.76 -49.54	69.88 4.37 -7.64	36.97 2.06 -10.09	47.50 1.82 -22.43	26.42 1.72 -0.82	24.24 1.55 0.00	24.38 1.50 0.00	21.52 1.43 0.00	21.13 1.30 0.38
HOLTSVILLE_IC_9 23698	19.35 0.91 0.00	17.28 0.78 0.00	16.87 0.75 0.00	16.05 0.77 0.00	15.63 0.83 0.00	15.29 0.87 -0.26	20.62 1.06 -2.54	21.23 1.20 0.00	20.09 1.00 0.00	22.14 1.21 -0.61	33.25 1.43 -11.09	109.86 1.49 -87.21	195.98 1.75 -172.27	118.62 1.57 -95.99	46.69 1.71 -24.78	70.89 1.76 -49.54	69.88 4.37 -7.64	36.97 2.06 -10.09	47.50 1.82 -22.43	26.42 1.72 -0.82	24.24 1.55 0.00	24.38 1.50 0.00	21.52 1.43 0.00	21.13 1.30 0.38
HOMER_HL_115KV_TB2 355744	18.31 -0.12 0.00	16.55 0.05 0.00	16.11 -0.01 0.00	15.33 0.04 0.00	14.89 0.09 0.00	14.37 0.21 0.00	17.24 0.22 0.00	20.36 0.33 0.00	19.52 0.42 0.00	20.87 0.55 0.00	21.21 0.47 0.00	21.41 0.24 0.00	22.28 0.32 0.00	21.28 0.21 0.00	20.34 0.13 0.00	19.60 0.02 0.00	25.94 0.25 32.18	24.52 -0.30 0.00	22.92 -0.33 0.00	23.76 -0.13 0.00	22.54 -0.15 0.00	22.79 -0.08 0.00	20.01 -0.08 0.00	20.60 0.39 0.00
HOWARD_WT_PWR 323690	18.11 -0.33 0.00	16.35 -0.15 0.00	15.90 -0.22 0.00	15.08 -0.20 0.00	14.72 -0.08 0.00	14.25 0.09 0.00	17.18 0.15 0.00	20.24 0.21 0.00	19.42 0.33 0.00	20.72 0.40 0.00	21.22 0.49 0.00	21.67 0.50 0.00	22.36 0.39 0.00	20.58 -0.49 0.00	19.32 -0.88 0.00	18.76 -0.82 0.00	30.02 -1.91 25.94	23.62 -1.19 0.00	22.27 -0.98 0.00	23.12 -0.76 0.00	22.10 -0.59 0.00	22.14 -0.74 0.00	19.54 -0.55 0.00	20.22 0.01 0.00
HQ_GEN_CEDARS 23644	18.59 0.15 0.00	16.63 0.14 0.00	16.29 0.17 0.00	15.43 0.14 0.00	14.93 0.13 0.00	14.26 0.11 0.00	17.20 0.18 0.00	20.16 0.13 0.00	19.10 0.01 0.00	20.36 0.04 0.00	20.77 0.04 0.00	21.17 0.01 0.00	21.87 -0.09 0.00	20.98 -0.08 0.00	20.12 -0.09 0.00	19.58 0.00 0.00	57.88 0.00 0.00	24.83 0.01 0.00	23.20 -0.05 0.00	23.83 -0.06 0.00	22.62 -0.07 0.00	22.87 -0.01 0.00	20.14 0.04 0.00	20.24 0.03 0.00
HQ_GEN_CEDARS_PROXY 323590	18.59 0.15 0.00	16.63 0.14 0.00	16.29 0.17 0.00	15.43 0.14 0.00	14.93 0.13 0.00	14.26 0.10 0.00	17.20 0.17 0.00	20.16 0.13 0.00	19.10 0.01 0.00	20.36 0.04 0.00	20.77 0.04 0.00	21.17 0.01 0.00	21.87 -0.09 0.00	20.98 -0.08 0.00	20.12 -0.09 0.00	19.58 0.00 0.00	57.88 0.00 0.00	24.83 0.01 0.00	23.20 -0.05 0.00	23.83 -0.06 0.00	22.62 -0.07 0.00	22.87 -0.01 0.00	20.14 0.04 0.00	20.24 0.03 0.00
HQ_GEN_IMPORT 323601	18.38 -0.06 0.00	16.44 -0.06 0.00	16.11 -0.01 0.00	15.26 -0.02 0.00	14.78 -0.02 0.00	14.10 -0.06 0.00	16.98 -0.05 0.00	19.95 -0.08 0.00	18.98 -0.11 0.00	20.20 -0.12 0.00	20.61 -0.12 0.00	21.02 -0.14 0.00	21.73 -0.23 0.00	20.85 -0.22 0.00	20.00 -0.20 0.00	19.43 -0.16 0.00	50.52 -0.51 6.84	24.60 -0.21 0.00	23.02 -0.22 0.00	23.64 -0.24 0.00	22.46 -0.23 0.00	22.69 -0.18 0.00	19.98 -0.11 0.00	20.08 -0.13 0.00
HQ_GEN_WHEEL 23651	18.38 -0.06 0.00	16.44 -0.06 0.00	16.11 -0.01 0.00	15.26 -0.02 0.00	14.78 -0.02 0.00	14.10 -0.06 0.00	16.98 -0.05 0.00	19.95 -0.08 0.00	18.98 -0.11 0.00	20.20 -0.12 0.00	20.61 -0.12 0.00	21.02 -0.14 0.00	21.73 -0.23 0.00	20.85 -0.22 0.00	20.00 -0.20 0.00	19.43 -0.16 0.00	50.52 -0.51 6.84	24.60 -0.21 0.00	23.02 -0.22 0.00	23.64 -0.24 0.00	22.46 -0.23 0.00	22.69 -0.18 0.00	19.98 -0.11 0.00	20.08 -0.13 0.00
HUDSON_AVE_GT_3 23810	19.35 0.91 0.00	17.26 0.76 0.00	16.78 0.66 0.00	15.90 0.62 0.00	15.41 0.61 0.00	14.78 0.62 0.00	17.75 0.73 0.00	21.04 1.01 0.00	20.17 1.08 0.00	21.62 1.30 0.00	22.10 1.37 0.00	22.65 1.48 0.00	23.71 1.75 0.00	22.75 1.69 0.00	25.00 1.63 -3.17	27.86 1.57 -6.72	62.04 4.16 0.00	26.66 1.85 0.00	24.98 1.73 0.00	25.51 1.62 0.00	24.22 1.53 0.00	24.35 1.47 0.00	21.33 1.24 0.00	21.38 1.17 0.00
HUDSON_AVE_GT_4 23540	19.35 0.91 0.00	17.26 0.76 0.00	16.78 0.66 0.00	15.90 0.62 0.00	15.41 0.61 0.00	14.78 0.62 0.00	17.75 0.73 0.00	21.04 1.01 0.00	20.17 1.08 0.00	21.62 1.30 0.00	22.10 1.37 0.00	22.65 1.48 0.00	23.71 1.75 0.00	22.75 1.69 0.00	25.00 1.63 -3.17	27.86 1.57 -6.72	62.04 4.16 0.00	26.66 1.85 0.00	24.98 1.73 0.00	25.51 1.62 0.00	24.22 1.53 0.00	24.35 1.47 0.00	21.33 1.24 0.00	21.38 1.17 0.00
HUDSON_AVE_GT_5 23657	19.35 0.91 0.00	17.26 0.76 0.00	16.78 0.66 0.00	15.90 0.62 0.00	15.41 0.61 0.00	14.78 0.62 0.00	17.75 0.73 0.00	21.04 1.01 0.00	20.17 1.08 0.00	21.62 1.30 0.00	22.10 1.37 0.00	22.65 1.48 0.00	23.71 1.75 0.00	22.75 1.69 0.00	25.00 1.63 -3.17	27.86 1.57 -6.72	62.04 4.16 0.00	26.66 1.85 0.00	24.98 1.73 0.00	25.51 1.62 0.00	24.22 1.53 0.00	24.35 1.47 0.00	21.33 1.24 0.00	21.38 1.17 0.00

HUDSON_AVE_10 24168	19.30 0.86 0.00	17.21 0.72 0.00	16.73 0.61 0.00	15.86 0.58 0.00	15.36 0.57 0.00	14.74 0.58 0.00	17.71 0.68 0.00	20.99 0.96 0.00	20.11 1.02 0.00	21.55 1.24 0.00	22.01 1.28 0.00	22.56 1.40 0.00	23.63 1.66 0.00	22.67 1.61 0.00	24.92 1.55 -3.17	27.78 1.49 -6.71	61.77 3.90 0.01	26.57 1.75 0.00	24.89 1.65 0.00	25.41 1.53 0.00	24.13 1.45 0.00	24.27 1.39 0.00	21.28 1.19 0.00	21.32 1.11 0.00
HUDSON___115KV_TB 4 355613	19.19 0.75 0.00	17.21 0.71 0.00	16.80 0.67 0.00	15.93 0.65 0.00	15.42 0.62 0.00	14.73 0.56 0.00	17.66 0.64 0.00	20.77 0.74 0.00	19.82 0.72 0.00	21.04 0.72 0.00	21.43 0.69 0.00	21.90 0.74 0.00	22.92 0.95 0.00	22.06 1.00 0.00	21.78 0.95 -0.63	21.87 0.93 -1.36	60.29 2.42 0.00	25.84 1.02 0.00	24.32 1.07 0.00	24.98 1.10 0.00	23.75 1.06 0.00	23.89 1.01 0.00	20.94 0.85 0.00	21.00 0.80 0.00
HUNTER MOUNT___DRP 323613	19.29 0.86 0.00	17.31 0.82 0.00	16.90 0.78 0.00	16.03 0.75 0.00	15.52 0.72 0.00	14.83 0.67 0.00	17.78 0.75 0.00	20.89 0.86 0.00	19.93 0.84 0.00	21.12 0.81 0.00	21.52 0.79 0.00	21.95 0.79 0.00	22.99 1.02 0.00	22.14 1.08 0.00	21.71 1.00 -0.51	21.68 1.00 -1.09	60.47 2.60 0.00	25.93 1.12 0.00	24.45 1.20 0.00	25.12 1.23 0.00	23.88 1.19 0.00	24.02 1.14 0.00	21.05 0.96 0.00	21.11 0.90 0.00
HUNTINGTON_RES_REC 323705	19.25 0.81 0.00	17.21 0.72 0.00	16.81 0.69 0.00	16.00 0.72 0.00	15.58 0.78 0.00	15.23 0.81 -0.26	20.56 0.99 -2.54	21.14 1.11 0.00	20.00 0.91 0.00	22.05 1.12 -0.61	33.16 1.33 -11.09	109.77 1.40 -87.21	195.92 1.69 -172.27	118.59 1.54 -95.99	46.65 1.66 -24.78	70.80 1.67 -49.54	69.59 4.08 -7.64	36.80 1.89 -10.09	47.41 1.73 -22.43	26.33 1.63 -0.82	24.17 1.49 0.00	24.31 1.44 0.00	21.44 1.35 0.00	21.06 1.23 0.38
HUNTLEY___63 23557	18.14 -0.30 0.00	16.33 -0.16 0.00	15.92 -0.20 0.00	15.11 -0.17 0.00	14.64 -0.15 0.00	14.19 0.02 0.00	17.02 0.00 0.00	19.80 -0.23 0.00	19.03 -0.06 0.00	20.29 -0.03 0.00	20.70 -0.03 0.00	20.93 -0.23 0.00	21.63 -0.34 0.00	20.64 -0.42 0.00	19.76 -0.45 0.00	19.07 -0.52 0.00	17.45 -1.46 38.97	23.96 -0.86 0.00	22.33 -0.92 0.00	23.17 -0.71 0.00	21.99 -0.70 0.00	22.23 -0.64 0.00	19.58 -0.51 0.00	20.21 0.00 0.00
HUNTLEY___64 23558	18.14 -0.30 0.00	16.33 -0.16 0.00	15.92 -0.20 0.00	15.11 -0.17 0.00	14.64 -0.15 0.00	14.19 0.02 0.00	17.02 0.00 0.00	19.80 -0.23 0.00	19.03 -0.06 0.00	20.29 -0.03 0.00	20.70 -0.03 0.00	20.93 -0.23 0.00	21.63 -0.34 0.00	20.64 -0.42 0.00	19.76 -0.45 0.00	19.07 -0.52 0.00	17.45 -1.46 38.97	23.96 -0.86 0.00	22.33 -0.92 0.00	23.17 -0.71 0.00	21.99 -0.70 0.00	22.23 -0.64 0.00	19.58 -0.51 0.00	20.21 0.00 0.00
HUNTLEY___65 23559	18.14 -0.30 0.00	16.33 -0.16 0.00	15.92 -0.20 0.00	15.11 -0.17 0.00	14.64 -0.15 0.00	14.19 0.02 0.00	17.02 0.00 0.00	19.80 -0.23 0.00	19.03 -0.06 0.00	20.29 -0.03 0.00	20.70 -0.03 0.00	20.93 -0.23 0.00	21.63 -0.34 0.00	20.64 -0.42 0.00	19.76 -0.45 0.00	19.07 -0.52 0.00	17.45 -1.46 38.97	23.96 -0.86 0.00	22.33 -0.92 0.00	23.17 -0.71 0.00	21.99 -0.70 0.00	22.23 -0.64 0.00	19.58 -0.51 0.00	20.21 0.00 0.00
HUNTLEY___66 23560	18.14 -0.30 0.00	16.33 -0.16 0.00	15.92 -0.20 0.00	15.11 -0.17 0.00	14.64 -0.15 0.00	14.19 0.02 0.00	17.02 0.00 0.00	19.80 -0.23 0.00	19.03 -0.06 0.00	20.29 -0.03 0.00	20.70 -0.03 0.00	20.93 -0.23 0.00	21.63 -0.34 0.00	20.64 -0.42 0.00	19.76 -0.45 0.00	19.07 -0.52 0.00	17.45 -1.46 38.97	23.96 -0.86 0.00	22.33 -0.92 0.00	23.17 -0.71 0.00	21.99 -0.70 0.00	22.23 -0.64 0.00	19.58 -0.51 0.00	20.21 0.00 0.00
HUNTLEY___67 23561	18.09 -0.35 0.00	16.28 -0.21 0.00	15.86 -0.26 0.00	15.06 -0.22 0.00	14.60 -0.20 0.00	14.13 -0.03 0.00	16.95 -0.08 0.00	19.75 -0.29 0.00	18.96 -0.13 0.00	20.22 -0.10 0.00	20.63 -0.11 0.00	20.85 -0.31 0.00	21.57 -0.39 0.00	20.57 -0.49 0.00	19.69 -0.52 0.00	19.01 -0.57 0.00	18.06 -1.40 38.42	23.85 -0.96 0.00	22.25 -1.00 0.00	23.10 -0.78 0.00	21.92 -0.76 0.00	22.16 -0.71 0.00	19.52 -0.57 0.00	20.14 -0.07 0.00
HUNTLEY___68 23562	18.09 -0.35 0.00	16.28 -0.21 0.00	15.86 -0.26 0.00	15.06 -0.22 0.00	14.60 -0.20 0.00	14.13 -0.03 0.00	16.95 -0.08 0.00	19.75 -0.29 0.00	18.96 -0.13 0.00	20.22 -0.10 0.00	20.63 -0.11 0.00	20.85 -0.31 0.00	21.57 -0.39 0.00	20.57 -0.49 0.00	19.69 -0.52 0.00	19.01 -0.57 0.00	18.06 -1.40 38.42	23.85 -0.96 0.00	22.25 -1.00 0.00	23.10 -0.78 0.00	21.92 -0.76 0.00	22.16 -0.71 0.00	19.52 -0.57 0.00	20.14 -0.07 0.00
HYLAND___LFGE 323620	19.08 0.64 0.00	17.15 0.65 0.00	16.70 0.58 0.00	15.85 0.57 0.00	15.40 0.61 0.00	14.90 0.74 0.00	17.98 0.96 0.00	21.05 1.02 0.00	20.14 1.05 0.00	21.40 1.08 0.00	21.72 0.99 0.00	21.84 0.68 0.00	22.45 0.48 0.00	21.31 0.25 0.00	20.29 0.08 0.00	19.60 0.02 0.00	24.43 0.34 33.78	24.69 -0.13 0.00	23.37 0.12 0.00	24.43 0.55 0.00	23.30 0.61 0.00	23.56 0.68 0.00	20.64 0.55 0.00	21.15 0.95 0.00
INDECK___CORINTH 23802	19.35 0.91 0.00	17.27 0.78 0.00	16.83 0.71 0.00	15.96 0.68 0.00	15.46 0.67 0.00	14.85 0.69 0.00	17.91 0.88 0.00	21.15 1.12 0.00	20.14 1.05 0.00	21.40 1.09 0.00	21.82 1.09 0.00	22.24 1.08 0.00	23.26 1.30 0.00	22.29 1.23 0.00	22.10 1.16 -0.73	22.31 1.16 -1.56	61.15 3.27 0.00	26.22 1.40 0.00	24.64 1.39 0.00	25.13 1.25 0.00	24.00 1.31 0.00	24.02 1.14 0.00	21.57 1.48 0.00	21.73 1.52 0.00
INDECK___ILION 23567	18.42 -0.02 0.00	16.45 -0.05 0.00	16.05 -0.07 0.00	15.21 -0.06 0.00	14.74 -0.05 0.00	14.11 -0.05 0.00	16.94 -0.08 0.00	19.99 -0.04 0.00	19.04 -0.05 0.00	20.27 -0.05 0.00	20.71 -0.02 0.00	21.23 0.06 0.00	22.13 0.16 0.00	21.21 0.15 0.00	20.32 0.11 0.00	19.64 0.05 0.00	58.28 0.41 0.00	24.90 0.09 0.00	23.40 0.15 0.00	24.05 0.17 0.00	22.87 0.18 0.00	23.00 0.13 0.00	20.14 0.05 0.00	20.23 0.02 0.00
INDECK___OLEAN 23982	18.32 -0.12 0.00	16.55 0.05 0.00	16.11 -0.01 0.00	15.32 0.04 0.00	14.89 0.10 0.00	14.37 0.21 0.00	17.24 0.22 0.00	20.36 0.33 0.00	19.51 0.42 0.00	20.87 0.55 0.00	21.22 0.49 0.00	21.40 0.24 0.00	22.28 0.32 0.00	21.28 0.22 0.00	20.36 0.15 0.00	19.62 0.03 0.00	26.02 0.32 32.18	24.52 -0.30 0.00	22.92 -0.33 0.00	23.76 -0.12 0.00	22.54 -0.15 0.00	22.79 -0.08 0.00	20.01 -0.08 0.00	20.60 0.39 0.00
INDECK___OSWEGO 23783	18.09 -0.35 0.00	16.19 -0.30 0.00	15.80 -0.32 0.00	14.98 -0.30 0.00	14.52 -0.28 0.00	13.94 -0.22 0.00	16.74 -0.28 0.00	19.69 -0.34 0.00	18.77 -0.32 0.00	19.90 -0.42 0.00	20.31 -0.42 0.00	20.72 -0.45 0.00	21.49 -0.48 0.00	20.59 -0.47 0.00	19.73 -0.48 0.00	19.10 -0.48 0.00	109.55 -1.57 -53.25	24.13 -0.68 0.00	22.62 -0.63 0.00	23.27 -0.62 0.00	22.10 -0.59 0.00	22.29 -0.59 0.00	19.52 -0.57 0.00	19.69 -0.52 0.00



INDECK___YERKES 23781	18.16 -0.28 0.00	16.35 -0.15 0.00	15.94 -0.18 0.00	15.12 -0.16 0.00	14.66 -0.14 0.00	14.20 0.04 0.00	17.04 0.01 0.00	19.81 -0.21 0.00	19.04 -0.05 0.00	20.31 0.00 0.00	20.73 0.00 0.00	20.96 -0.20 0.00	21.65 -0.32 0.00	20.66 -0.40 0.00	19.81 -0.40 0.00	19.11 -0.47 0.00	17.56 -1.35 38.97	23.98 -0.83 0.00	22.35 -0.90 0.00	23.19 -0.69 0.00	22.02 -0.67 0.00	22.26 -0.62 0.00	19.60 -0.49 0.00	20.23 0.02 0.00
INDIAN POINT_GT_1 24139	19.20 0.76 0.00	17.13 0.63 0.00	16.67 0.55 0.00	15.80 0.51 0.00	15.29 0.50 0.00	14.67 0.51 0.00	17.64 0.61 0.00	20.88 0.85 0.00	19.98 0.89 0.00	21.38 1.07 0.00	21.86 1.13 0.00	22.39 1.23 0.00	23.44 1.47 0.00	22.50 1.44 0.00	24.93 1.39 -3.34	27.99 1.32 -7.09	61.40 3.52 0.00	26.38 1.57 0.00	24.71 1.46 0.00	25.28 1.40 0.00	24.01 1.32 0.00	24.15 1.27 0.00	21.14 1.05 0.00	21.21 1.00 0.00
INDIAN POINT_GT_2 23659	19.20 0.76 0.00	17.13 0.63 0.00	16.67 0.55 0.00	15.80 0.51 0.00	15.29 0.50 0.00	14.67 0.51 0.00	17.64 0.61 0.00	20.88 0.85 0.00	19.98 0.89 0.00	21.38 1.07 0.00	21.86 1.13 0.00	22.39 1.23 0.00	23.44 1.47 0.00	22.50 1.44 0.00	24.93 1.39 -3.34	27.99 1.32 -7.09	61.40 3.52 0.00	26.38 1.57 0.00	24.71 1.46 0.00	25.28 1.40 0.00	24.01 1.32 0.00	24.15 1.27 0.00	21.14 1.05 0.00	21.21 1.00 0.00
INDIAN POINT_GT_3 24019	19.20 0.76 0.00	17.13 0.63 0.00	16.67 0.55 0.00	15.80 0.51 0.00	15.29 0.50 0.00	14.67 0.51 0.00	17.64 0.61 0.00	20.88 0.85 0.00	19.98 0.89 0.00	21.38 1.07 0.00	21.86 1.13 0.00	22.39 1.23 0.00	23.44 1.47 0.00	22.50 1.44 0.00	24.93 1.39 -3.34	27.99 1.32 -7.09	61.40 3.52 0.00	26.38 1.57 0.00	24.71 1.46 0.00	25.28 1.40 0.00	24.01 1.32 0.00	24.15 1.27 0.00	21.14 1.05 0.00	21.21 1.00 0.00
INDIAN POINT___2 23530	19.17 0.73 0.00	17.10 0.60 0.00	16.64 0.51 0.00	15.77 0.49 0.00	15.27 0.47 0.00	14.64 0.48 0.00	17.60 0.57 0.00	20.84 0.81 0.00	19.94 0.85 0.00	21.34 1.03 0.00	21.81 1.08 0.00	22.35 1.19 0.00	23.40 1.44 0.00	22.46 1.40 0.00	25.47 1.34 -3.92	29.17 1.28 -8.30	61.30 3.42 0.00	26.34 1.53 0.00	24.67 1.42 0.00	25.23 1.35 0.00	23.97 1.29 0.00	24.10 1.23 0.00	21.11 1.02 0.00	21.17 0.96 0.00
INDIAN POINT___3 23531	19.18 0.75 0.00	17.11 0.61 0.00	16.65 0.53 0.00	15.78 0.50 0.00	15.28 0.49 0.00	14.66 0.50 0.00	17.61 0.59 0.00	20.85 0.82 0.00	19.95 0.86 0.00	21.36 1.04 0.00	21.83 1.10 0.00	22.37 1.20 0.00	23.41 1.45 0.00	22.47 1.41 0.00	24.95 1.36 -3.38	28.05 1.29 -7.18	61.30 3.43 0.00	26.35 1.53 0.00	24.68 1.43 0.00	25.25 1.37 0.00	23.98 1.29 0.00	24.11 1.24 0.00	21.12 1.03 0.00	21.19 0.98 0.00
INGHAM_C_115KV_TB7 356103	18.27 -0.16 0.00	16.28 -0.21 0.00	15.86 -0.26 0.00	15.05 -0.23 0.00	14.59 -0.21 0.00	13.95 -0.21 0.00	16.71 -0.32 0.00	19.78 -0.25 0.00	18.81 -0.28 0.00	20.04 -0.28 0.00	20.51 -0.22 0.00	21.26 0.09 0.00	22.17 0.21 0.00	21.22 0.16 0.00	20.30 0.09 0.00	19.56 -0.03 0.00	58.20 0.33 0.00	24.73 -0.09 0.00	23.30 0.05 0.00	24.00 0.12 0.00	22.83 0.14 0.00	22.91 0.04 0.00	20.09 0.00 0.00	20.13 -0.08 0.00
IP CORINTH___1 23988	19.46 1.02 0.00	17.37 0.87 0.00	16.92 0.80 0.00	16.04 0.76 0.00	15.54 0.75 0.00	14.92 0.76 0.00	18.00 0.97 0.00	21.25 1.22 0.00	20.25 1.15 0.00	21.51 1.20 0.00	21.94 1.21 0.00	22.35 1.19 0.00	23.38 1.42 0.00	22.41 1.35 0.00	22.21 1.28 -0.73	22.43 1.28 -1.56	61.49 3.61 0.00	26.36 1.55 0.00	24.77 1.52 0.00	25.27 1.39 0.00	24.12 1.44 0.00	24.14 1.27 0.00	21.59 1.50 0.00	21.73 1.52 0.00
IP___TICONDEROGA 23804	20.34 1.90 0.00	18.09 1.60 0.00	17.62 1.50 0.00	16.73 1.45 0.00	16.26 1.46 0.00	15.67 1.52 0.00	19.00 1.97 0.00	22.43 2.39 0.00	21.23 2.14 0.00	22.51 2.19 0.00	22.91 2.18 0.00	23.34 2.18 0.00	24.41 2.44 0.00	23.33 2.27 0.00	23.13 2.19 -0.73	23.45 2.29 -1.57	64.54 6.67 0.00	27.58 2.77 0.00	25.95 2.71 0.00	26.26 2.38 0.00	25.10 2.41 0.00	25.20 2.33 0.00	22.22 2.13 0.00	22.35 2.14 0.00
ISLIP_RES_REC 323679	19.43 0.99 0.00	17.35 0.86 0.00	16.93 0.82 0.00	16.12 0.84 0.00	15.69 0.89 0.00	15.35 0.93 -0.26	20.70 1.14 -2.54	21.34 1.31 0.00	20.20 1.10 0.00	22.26 1.33 -0.61	33.37 1.55 -11.09	109.99 1.62 -87.21	196.12 1.89 -172.27	118.74 1.69 -95.99	46.83 1.85 -24.78	71.04 1.91 -49.54	70.29 4.78 -7.64	37.14 2.23 -10.09	47.64 1.96 -22.43	26.57 1.86 -0.82	24.37 1.68 0.00	24.50 1.63 0.00	21.62 1.53 0.00	21.25 1.40 0.37
JAMAICA__27_KV_LOAD 355505	19.46 1.02 0.00	17.36 0.87 0.00	16.87 0.74 0.00	15.98 0.70 0.00	15.48 0.68 0.00	14.85 0.69 0.00	17.86 0.84 0.00	21.16 1.13 0.00	20.26 1.17 0.00	21.70 1.38 0.00	22.11 1.38 0.00	22.65 1.48 0.00	23.72 1.76 0.00	22.76 1.70 0.00	25.01 1.64 -3.17	27.87 1.58 -6.71	62.03 4.16 0.01	26.69 1.88 0.00	25.01 1.76 0.00	25.54 1.66 0.00	24.28 1.59 0.00	24.42 1.55 0.00	21.46 1.37 0.00	21.49 1.28 0.00
JANIS___SOLAR 323808	19.08 0.65 0.00	17.07 0.57 0.00	16.62 0.50 0.00	15.78 0.50 0.00	15.31 0.52 0.00	14.75 0.60 0.00	17.79 0.77 0.00	20.96 0.93 0.00	19.97 0.88 0.00	21.21 0.90 0.00	21.61 0.88 0.00	22.04 0.88 0.00	22.93 0.97 0.00	21.95 0.89 0.00	20.87 0.66 0.00	20.08 0.49 0.00	50.56 2.29 9.61	25.70 0.89 0.00	24.17 0.92 0.00	24.92 1.04 0.00	23.71 1.02 0.00	23.86 0.99 0.00	20.79 0.69 0.00	20.93 0.72 0.00
JARVIS____ 23743	18.46 0.02 0.00	16.51 0.02 0.00	16.12 0.00 0.00	15.28 0.00 0.00	14.80 0.00 0.00	14.16 0.00 0.00	17.03 0.00 0.00	20.05 0.02 0.00	19.12 0.03 0.00	20.34 0.02 0.00	20.75 0.02 0.00	21.20 0.04 0.00	22.03 0.07 0.00	21.13 0.06 0.00	20.27 0.06 0.00	19.63 0.04 0.00	58.10 0.23 0.00	24.92 0.10 0.00	23.36 0.12 0.00	24.00 0.12 0.00	22.80 0.11 0.00	22.97 0.09 0.00	20.16 0.06 0.00	20.27 0.06 0.00
JENNISON___1 23625	19.19 0.75 0.00	17.16 0.66 0.00	16.70 0.58 0.00	15.85 0.57 0.00	15.38 0.58 0.00	14.81 0.65 0.00	17.87 0.85 0.00	21.08 1.05 0.00	20.11 1.02 0.00	21.42 1.10 0.00	21.84 1.11 0.00	22.31 1.14 0.00	23.21 1.25 0.00	22.28 1.21 0.00	21.21 1.01 0.00	20.49 0.90 0.00	51.60 2.90 9.17	26.00 1.19 0.00	24.41 1.16 0.00	25.16 1.28 0.00	23.90 1.21 0.00	24.06 1.18 0.00	20.99 0.90 0.00	21.13 0.92 0.00
JENNISON___2 23626	19.19 0.75 0.00	17.16 0.66 0.00	16.70 0.58 0.00	15.85 0.57 0.00	15.38 0.58 0.00	14.81 0.65 0.00	17.87 0.85 0.00	21.08 1.05 0.00	20.11 1.02 0.00	21.42 1.10 0.00	21.84 1.11 0.00	22.31 1.14 0.00	23.21 1.25 0.00	22.28 1.21 0.00	21.21 1.01 0.00	20.49 0.90 0.00	51.60 2.90 9.17	26.00 1.19 0.00	24.41 1.16 0.00	25.16 1.28 0.00	23.90 1.21 0.00	24.06 1.18 0.00	20.99 0.90 0.00	21.13 0.92 0.00

JERICO_RISE_WT_PWR 323719	18.97 0.53 0.00	16.95 0.46 0.00	16.55 0.43 0.00	15.66 0.38 0.00	15.13 0.34 0.00	14.45 0.29 0.00	17.43 0.40 0.00	20.41 0.38 0.00	19.29 0.20 0.00	20.52 0.20 0.00	20.86 0.12 0.00	21.23 0.07 0.00	21.99 0.02 0.00	21.06 0.00 0.00	20.21 0.00 0.00	19.87 0.29 0.00	59.36 1.48 0.00	25.46 0.65 0.00	23.77 0.52 0.00	24.27 0.39 0.00	22.94 0.25 0.00	23.36 0.48 0.00	20.63 0.54 0.00	20.73 0.52 0.00
KATONAH__115KV_46KV_TB4 355592	19.33 0.89 0.00	17.24 0.75 0.00	16.77 0.65 0.00	15.90 0.62 0.00	15.40 0.60 0.00	14.77 0.61 0.00	17.77 0.74 0.00	21.04 1.01 0.00	20.12 1.03 0.00	21.53 1.22 0.00	22.01 1.27 0.00	22.54 1.38 0.00	23.59 1.62 0.00	22.65 1.58 0.00	24.29 1.54 -2.55	26.44 1.46 -5.40	61.77 3.89 0.00	26.55 1.74 0.00	24.88 1.63 0.00	25.45 1.57 0.00	24.17 1.49 0.00	24.30 1.42 0.00	21.28 1.19 0.00	21.33 1.12 0.00
KCE_NY_1 323755	19.47 1.03 0.00	17.40 0.90 0.00	16.95 0.83 0.00	16.08 0.80 0.00	15.57 0.77 0.00	14.92 0.76 0.00	17.98 0.95 0.00	21.23 1.20 0.00	20.21 1.12 0.00	21.49 1.17 0.00	21.99 1.25 0.00	22.42 1.26 0.00	23.40 1.43 0.00	22.44 1.38 0.00	22.24 1.29 -0.74	22.42 1.25 -1.59	61.57 3.69 0.00	26.34 1.52 0.00	24.71 1.47 0.00	25.32 1.44 0.00	24.11 1.42 0.00	24.19 1.32 0.00	21.35 1.26 0.00	21.46 1.25 0.00
KCE_NY_6_ESR 323823	18.28 -0.16 0.00	16.45 -0.05 0.00	16.02 -0.10 0.00	15.22 -0.06 0.00	14.75 -0.04 0.00	14.28 0.12 0.00	17.14 0.12 0.00	20.01 -0.02 0.00	19.22 0.13 0.00	20.51 0.19 0.00	20.95 0.21 0.00	21.16 0.00 0.00	21.88 -0.08 0.00	20.87 -0.20 0.00	19.97 -0.24 0.00	19.26 -0.33 0.00	20.26 -0.62 37.00	24.16 -0.65 0.00	22.56 -0.69 0.00	23.41 -0.47 0.00	22.22 -0.47 0.00	22.45 -0.42 0.00	19.75 -0.34 0.00	20.37 0.16 0.00
KEDC_PORT_JEFF_GT2 24210	19.29 0.85 0.00	17.22 0.73 0.00	16.82 0.70 0.00	16.01 0.73 0.00	15.58 0.79 0.00	15.24 0.82 -0.26	20.56 0.99 -2.54	21.14 1.11 0.00	19.99 0.89 0.00	22.04 1.11 -0.61	33.18 1.36 -11.09	109.81 1.44 -87.21	195.91 1.68 -172.27	118.48 1.43 -95.99	46.58 1.59 -24.78	70.76 1.63 -49.54	69.31 3.80 -7.64	36.77 1.86 -10.09	47.24 1.56 -22.43	26.15 1.45 -0.82	23.99 1.30 0.00	24.14 1.26 0.00	21.42 1.33 0.00	21.04 1.23 0.39
KEDC_PORT_JEFF_GT3 24211	19.29 0.85 0.00	17.22 0.73 0.00	16.82 0.70 0.00	16.01 0.73 0.00	15.58 0.79 0.00	15.24 0.82 -0.26	20.56 0.99 -2.54	21.14 1.11 0.00	19.99 0.89 0.00	22.04 1.11 -0.61	33.18 1.36 -11.09	109.81 1.44 -87.21	195.91 1.68 -172.27	118.48 1.43 -95.99	46.58 1.59 -24.78	70.76 1.63 -49.54	69.31 3.80 -7.64	36.77 1.86 -10.09	47.24 1.56 -22.43	26.15 1.45 -0.82	23.99 1.30 0.00	24.14 1.26 0.00	21.42 1.33 0.00	21.04 1.23 0.39
KEDC_GLWD_GT4 24219	19.40 0.96 0.00	17.31 0.82 0.00	16.86 0.74 0.00	16.00 0.72 0.00	15.53 0.74 0.00	15.17 0.74 -0.26	20.47 0.91 -2.54	21.18 1.15 0.00	20.21 1.12 0.00	22.27 1.34 -0.61	33.33 1.50 -11.09	109.97 1.60 -87.21	196.06 1.83 -172.27	118.89 1.84 -95.99	46.70 1.71 -24.78	70.76 1.63 -49.54	69.74 4.23 -7.64	36.83 1.92 -10.09	47.48 1.80 -22.43	26.42 1.71 -0.82	24.28 1.59 0.00	24.41 1.53 0.00	21.38 1.29 0.00	22.25 1.28 -0.77
KEDC_GLWD_GT5 24220	19.40 0.96 0.00	17.31 0.82 0.00	16.86 0.74 0.00	16.00 0.72 0.00	15.53 0.74 0.00	15.17 0.74 -0.26	20.47 0.91 -2.54	21.18 1.15 0.00	20.21 1.12 0.00	22.27 1.34 -0.61	33.33 1.50 -11.09	109.97 1.60 -87.21	196.06 1.83 -172.27	118.89 1.84 -95.99	46.70 1.71 -24.78	70.76 1.63 -49.54	69.74 4.23 -7.64	36.83 1.92 -10.09	47.48 1.80 -22.43	26.42 1.71 -0.82	24.28 1.59 0.00	24.41 1.53 0.00	21.38 1.29 0.00	22.25 1.28 -0.77
KENSICO____ 23655	19.26 0.82 0.00	17.18 0.68 0.00	16.71 0.59 0.00	15.84 0.56 0.00	15.34 0.54 0.00	14.71 0.55 0.00	17.68 0.65 0.00	20.94 0.91 0.00	20.03 0.94 0.00	21.45 1.14 0.00	21.93 1.19 0.00	22.47 1.30 0.00	23.51 1.55 0.00	22.57 1.51 0.00	24.90 1.46 -3.24	27.83 1.39 -6.86	61.58 3.70 0.00	26.46 1.64 0.00	24.78 1.53 0.00	25.34 1.46 0.00	24.07 1.38 0.00	24.20 1.32 0.00	21.20 1.11 0.00	21.25 1.05 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	19.18 0.74 0.00	17.09 0.59 0.00	16.62 0.50 0.00	15.74 0.46 0.00	15.23 0.44 0.00	14.61 0.45 0.00	17.60 0.57 0.00	20.84 0.81 0.00	19.89 0.80 0.00	21.32 1.00 0.00	21.71 0.98 0.00	22.32 1.16 0.00	23.34 1.38 0.00	22.43 1.37 0.00	21.03 1.28 0.46	19.79 1.18 0.97	61.01 3.14 0.00	26.15 1.34 0.00	24.54 1.30 0.00	25.19 1.31 0.00	24.02 1.33 0.00	24.16 1.28 0.00	21.14 1.05 0.00	21.18 0.98 0.00
KIAC_JFK_GT1 23816	19.35 0.92 0.00	17.28 0.78 0.00	16.78 0.66 0.00	15.90 0.62 0.00	15.40 0.61 0.00	14.78 0.62 0.00	17.77 0.74 0.00	21.06 1.03 0.00	20.15 1.06 0.00	21.58 1.27 0.00	22.00 1.26 0.00	22.52 1.36 0.00	23.59 1.62 0.00	22.62 1.56 0.00	24.89 1.52 -3.17	27.74 1.44 -6.71	61.50 3.63 0.01	26.47 1.65 0.00	24.80 1.55 0.00	25.33 1.45 0.00	24.14 1.45 0.00	24.28 1.41 0.00	21.34 1.26 0.00	21.38 1.17 0.00
KIAC_JFK_GT2 23817	19.35 0.92 0.00	17.28 0.78 0.00	16.78 0.66 0.00	15.90 0.62 0.00	15.40 0.61 0.00	14.78 0.62 0.00	17.77 0.74 0.00	21.06 1.03 0.00	20.15 1.06 0.00	21.58 1.27 0.00	22.00 1.26 0.00	22.52 1.36 0.00	23.59 1.62 0.00	22.62 1.56 0.00	24.89 1.52 -3.17	27.74 1.44 -6.71	61.50 3.63 0.01	26.47 1.65 0.00	24.80 1.55 0.00	25.33 1.45 0.00	24.14 1.45 0.00	24.28 1.41 0.00	21.34 1.26 0.00	21.38 1.17 0.00
KIAC_JFK____ 323774	19.35 0.91 0.00	17.28 0.78 0.00	16.78 0.66 0.00	15.90 0.62 0.00	15.40 0.61 0.00	14.78 0.62 0.00	17.77 0.74 0.00	21.05 1.02 0.00	20.15 1.06 0.00	21.58 1.27 0.00	21.99 1.25 0.00	22.52 1.36 0.00	23.59 1.62 0.00	22.63 1.56 0.00	24.89 1.52 -3.17	27.73 1.44 -6.71	61.49 3.62 0.01	26.47 1.65 0.00	24.80 1.56 0.00	25.33 1.45 0.00	24.14 1.45 0.00	24.28 1.41 0.00	21.34 1.25 0.00	21.38 1.16 0.00
KINTIGH____ 23543	18.07 -0.36 0.00	16.25 -0.24 0.00	15.84 -0.28 0.00	15.03 -0.25 0.00	14.57 -0.23 0.00	14.08 -0.08 0.00	16.89 -0.13 0.00	19.71 -0.32 0.00	18.91 -0.18 0.00	20.15 -0.17 0.00	20.55 -0.18 0.00	20.80 -0.36 0.00	21.53 -0.43 0.00	20.56 -0.50 0.00	19.70 -0.51 0.00	19.04 -0.54 0.00	13.51 -1.32 43.04	23.91 -0.90 0.00	22.31 -0.94 0.00	23.12 -0.76 0.00	21.95 -0.74 0.00	22.17 -0.71 0.00	19.51 -0.58 0.00	20.05 -0.16 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	19.24 0.80 0.00	17.18 0.68 0.00	16.75 0.63 0.00	15.83 0.55 0.00	15.29 0.50 0.00	14.61 0.45 0.00	17.63 0.61 0.00	20.64 0.61 0.00	19.46 0.37 0.00	20.69 0.38 0.00	21.00 0.27 0.00	21.39 0.22 0.00	22.20 0.23 0.00	21.27 0.20 0.00	20.38 0.18 0.00	20.12 0.53 0.00	60.39 2.52 0.00	25.95 1.14 0.00	24.24 0.99 0.00	24.73 0.85 0.00	23.35 0.66 0.00	23.76 0.89 0.00	20.97 0.88 0.00	21.07 0.87 0.00

LACHUTE____HYDRO 323717	20.34 1.91 0.00	18.09 1.60 0.00	17.62 1.50 0.00	16.73 1.45 0.00	16.26 1.46 0.00	15.68 1.52 0.00	19.00 1.97 0.00	22.42 2.39 0.00	21.23 2.14 0.00	22.51 2.19 0.00	22.92 2.18 0.00	23.34 2.18 0.00	24.40 2.44 0.00	23.33 2.27 0.00	23.13 2.19 -0.73	23.45 2.29 -1.57	64.53 6.66 0.00	27.58 2.77 0.00	25.95 2.70 0.00	26.26 2.38 0.00	25.10 2.42 0.00	25.20 2.33 0.00	22.22 2.13 0.00	22.35 2.14 0.00
LAWRNCAV_115KV_TB1 80681	18.73 0.30 0.00	16.74 0.24 0.00	16.37 0.25 0.00	15.50 0.22 0.00	15.01 0.22 0.00	14.35 0.19 0.00	17.35 0.33 0.00	20.38 0.35 0.00	19.11 0.02 0.00	20.30 -0.02 0.00	20.71 -0.03 0.00	21.11 -0.06 0.00	21.78 -0.18 0.00	20.87 -0.19 0.00	20.01 -0.20 0.00	19.65 0.06 0.00	58.15 0.28 0.00	24.98 0.16 0.00	23.36 0.11 0.00	23.95 0.07 0.00	22.70 0.01 0.00	22.99 0.11 0.00	20.22 0.13 0.00	20.30 0.09 0.00
LEDERLE____ 23769	19.22 0.78 0.00	17.14 0.64 0.00	16.68 0.56 0.00	15.81 0.53 0.00	15.31 0.51 0.00	14.68 0.52 0.00	17.64 0.61 0.00	20.89 0.86 0.00	20.00 0.91 0.00	21.41 1.10 0.00	21.90 1.17 0.00	22.46 1.29 0.00	23.52 1.56 0.00	22.57 1.51 0.00	18.33 1.43 3.31	14.29 1.35 6.65	61.58 3.71 0.00	26.46 1.64 0.00	24.77 1.52 0.00	25.35 1.46 0.00	24.08 1.39 0.00	24.21 1.33 0.00	21.19 1.10 0.00	21.24 1.04 0.00
LIGHTHSE_115KV_TB6 355974	18.40 -0.04 0.00	16.46 -0.04 0.00	16.04 -0.08 0.00	15.21 -0.07 0.00	14.75 -0.05 0.00	14.17 0.01 0.00	17.06 0.04 0.00	20.11 0.07 0.00	19.16 0.07 0.00	20.31 -0.01 0.00	20.73 0.00 0.00	21.13 -0.03 0.00	21.85 -0.12 0.00	20.92 -0.15 0.00	20.04 -0.16 0.00	19.40 -0.19 0.00	72.05 -0.66 -14.84	24.56 -0.25 0.00	23.07 -0.18 0.00	23.69 -0.19 0.00	22.46 -0.23 0.00	22.73 -0.14 0.00	19.89 -0.21 0.00	20.05 -0.17 0.00
LINDEN COGEN____ 23786	19.22 0.78 0.00	17.13 0.64 0.00	16.67 0.55 0.00	15.80 0.52 0.00	15.30 0.51 0.00	14.66 0.50 0.00	17.59 0.56 0.00	20.84 0.81 0.00	-95.82 0.89 115.80	21.42 1.10 0.00	21.90 1.16 0.00	22.46 1.30 0.00	23.53 1.56 0.00	22.58 1.52 0.00	24.85 1.48 -3.17	27.74 1.44 -6.72	61.65 3.78 0.00	26.51 1.70 0.00	24.83 1.58 0.00	25.33 1.45 0.00	24.07 1.38 0.00	24.20 1.32 0.00	21.19 1.10 0.00	21.24 1.03 0.00
LINDHRST_69_KV_BK1 356055	19.49 1.05 0.00	17.38 0.89 0.00	16.97 0.85 0.00	16.13 0.85 0.00	15.69 0.90 0.00	15.34 0.92 -0.26	20.70 1.14 -2.54	21.36 1.33 0.00	20.27 1.18 0.00	22.33 1.40 -0.61	33.45 1.63 -11.09	110.10 1.73 -87.21	196.23 2.00 -172.27	118.91 1.86 -95.99	46.88 1.90 -24.78	71.01 1.88 -49.54	70.28 4.77 -7.64	37.08 2.17 -10.09	47.72 2.04 -22.43	26.66 1.95 -0.82	24.48 1.79 0.00	24.64 1.77 0.00	21.64 1.55 0.00	21.78 1.46 -0.10
LIPA_MISC_IPP 23656	19.17 0.73 0.00	17.12 0.62 0.00	16.72 0.60 0.00	15.91 0.63 0.00	15.49 0.69 0.00	15.15 0.73 -0.26	20.45 0.89 -2.54	21.04 1.01 0.00	19.90 0.81 0.00	21.94 1.01 -0.61	33.02 1.20 -11.09	109.65 1.28 -87.21	195.73 1.50 -172.27	118.37 1.32 -95.99	46.43 1.45 -24.78	70.67 1.55 -49.54	69.30 3.79 -7.64	36.73 1.83 -10.09	47.28 1.60 -22.43	26.21 1.50 -0.82	24.02 1.33 0.00	24.16 1.28 0.00	21.33 1.24 0.00	20.90 1.10 0.41
LISF____SOLAR 323691	19.19 0.75 0.00	17.13 0.63 0.00	16.72 0.60 0.00	15.91 0.63 0.00	15.50 0.70 0.00	15.16 0.74 -0.26	20.46 0.90 -2.54	21.05 1.02 0.00	19.91 0.82 0.00	21.94 1.01 -0.61	33.01 1.19 -11.09	109.66 1.29 -87.21	195.76 1.52 -172.27	118.39 1.34 -95.99	46.44 1.46 -24.78	70.69 1.56 -49.54	69.41 3.90 -7.64	36.77 1.86 -10.09	47.31 1.63 -22.43	26.24 1.53 -0.82	24.06 1.37 0.00	24.19 1.31 0.00	21.35 1.26 0.00	20.91 1.11 0.40
LITTLE FALLS____HYD 24013	18.27 -0.16 0.00	16.28 -0.21 0.00	15.86 -0.26 0.00	15.05 -0.23 0.00	14.59 -0.21 0.00	13.95 -0.21 0.00	16.71 -0.32 0.00	19.78 -0.25 0.00	18.81 -0.28 0.00	20.04 -0.28 0.00	20.51 -0.22 0.00	21.26 0.09 0.00	22.17 0.21 0.00	21.22 0.16 0.00	20.30 0.09 0.00	19.56 -0.03 0.00	58.20 0.33 0.00	24.73 -0.09 0.00	23.30 0.05 0.00	24.00 0.12 0.00	22.83 0.14 0.00	22.91 0.04 0.00	20.09 0.00 0.00	20.13 -0.08 0.00
LITTLRIV_115KV_TB1 356100	18.88 0.44 0.00	16.86 0.36 0.00	16.50 0.37 0.00	15.62 0.34 0.00	15.12 0.33 0.00	14.47 0.31 0.00	17.51 0.49 0.00	20.57 0.54 0.00	19.33 0.23 0.00	20.56 0.25 0.00	20.97 0.24 0.00	21.42 0.26 0.00	22.11 0.14 0.00	21.19 0.13 0.00	20.27 0.06 0.00	19.86 0.28 0.00	58.74 0.86 0.00	25.23 0.41 0.00	23.57 0.33 0.00	24.19 0.31 0.00	22.94 0.25 0.00	23.22 0.35 0.00	20.42 0.32 0.00	20.49 0.29 0.00
LI_NEWBRDGE____DRP 323616	19.26 0.82 0.00	17.19 0.70 0.00	16.77 0.65 0.00	15.94 0.66 0.00	15.50 0.71 0.00	15.16 0.73 -0.26	20.46 0.90 -2.54	21.09 1.06 0.00	20.02 0.93 0.00	22.08 1.15 -0.61	33.17 1.35 -11.09	109.81 1.44 -87.21	195.94 1.70 -172.27	118.67 1.62 -95.99	46.59 1.61 -24.78	70.68 1.55 -49.54	69.43 3.92 -7.64	36.74 1.84 -10.09	47.39 1.71 -22.43	26.32 1.62 -0.82	24.18 1.49 0.00	24.32 1.44 0.00	21.35 1.26 0.00	20.71 1.17 0.67
LOCKPORT_115KV_TB60_63_64 80432	18.16 -0.28 0.00	16.33 -0.16 0.00	15.91 -0.20 0.00	15.10 -0.18 0.00	14.64 -0.15 0.00	14.18 0.02 0.00	17.00 -0.02 0.00	19.77 -0.27 0.00	18.98 -0.11 0.00	20.22 -0.09 0.00	20.64 -0.09 0.00	20.87 -0.29 0.00	21.56 -0.40 0.00	20.56 -0.50 0.00	19.69 -0.52 0.00	19.02 -0.57 0.00	16.50 -1.43 39.94	23.89 -0.93 0.00	22.27 -0.98 0.00	23.11 -0.77 0.00	21.94 -0.75 0.00	22.18 -0.70 0.00	19.54 -0.55 0.00	20.16 -0.05 0.00
LOCKPORT____CC1 323769	18.15 -0.29 0.00	16.32 -0.17 0.00	15.90 -0.22 0.00	15.09 -0.18 0.00	14.63 -0.16 0.00	14.17 0.01 0.00	16.99 -0.04 0.00	19.75 -0.28 0.00	18.96 -0.13 0.00	20.22 -0.09 0.00	20.64 -0.09 0.00	20.86 -0.31 0.00	21.55 -0.42 0.00	20.56 -0.51 0.00	19.70 -0.50 0.00	19.03 -0.56 0.00	16.73 -1.38 39.77	23.86 -0.95 0.00	22.24 -1.00 0.00	23.09 -0.80 0.00	21.92 -0.77 0.00	22.16 -0.72 0.00	19.53 -0.56 0.00	20.16 -0.06 0.00
LOCKPORT____CC2 323770	18.15 -0.29 0.00	16.32 -0.17 0.00	15.90 -0.22 0.00	15.09 -0.18 0.00	14.63 -0.16 0.00	14.17 0.01 0.00	16.99 -0.04 0.00	19.75 -0.28 0.00	18.96 -0.13 0.00	20.22 -0.09 0.00	20.64 -0.09 0.00	20.86 -0.31 0.00	21.55 -0.42 0.00	20.56 -0.51 0.00	19.70 -0.50 0.00	19.03 -0.56 0.00	16.73 -1.38 39.77	23.86 -0.95 0.00	22.24 -1.00 0.00	23.09 -0.80 0.00	21.92 -0.77 0.00	22.16 -0.72 0.00	19.53 -0.56 0.00	20.16 -0.06 0.00
LOCKPORT____CC3 323771	18.15 -0.29 0.00	16.32 -0.17 0.00	15.90 -0.22 0.00	15.09 -0.18 0.00	14.63 -0.16 0.00	14.17 0.01 0.00	16.99 -0.04 0.00	19.75 -0.28 0.00	18.96 -0.13 0.00	20.22 -0.09 0.00	20.64 -0.09 0.00	20.86 -0.31 0.00	21.55 -0.42 0.00	20.56 -0.51 0.00	19.70 -0.50 0.00	19.03 -0.56 0.00	16.73 -1.38 39.77	23.86 -0.95 0.00	22.24 -1.00 0.00	23.09 -0.80 0.00	21.92 -0.77 0.00	22.16 -0.72 0.00	19.53 -0.56 0.00	20.16 -0.06 0.00

LONG_LAKE_PHOENIX 24014	18.15 -0.29 0.00	16.25 -0.25 0.00	15.85 -0.27 0.00	15.03 -0.25 0.00	14.57 -0.22 0.00	13.99 -0.17 0.00	16.81 -0.22 0.00	19.76 -0.27 0.00	18.84 -0.25 0.00	20.00 -0.32 0.00	20.40 -0.33 0.00	20.81 -0.35 0.00	21.60 -0.36 0.00	20.70 -0.37 0.00	19.83 -0.38 0.00	19.19 -0.40 0.00	86.56 -1.26 -29.94	24.25 -0.56 0.00	22.70 -0.54 0.00	23.36 -0.52 0.00	22.20 -0.49 0.00	22.37 -0.50 0.00	19.59 -0.51 0.00	19.76 -0.44 0.00
LOVETT___3 23632	19.14 0.71 0.00	17.07 0.58 0.00	16.61 0.49 0.00	15.74 0.46 0.00	15.25 0.45 0.00	14.62 0.46 0.00	17.57 0.54 0.00	20.81 0.78 0.00	19.91 0.82 0.00	21.31 1.00 0.00	21.79 1.06 0.00	22.33 1.16 0.00	23.38 1.41 0.00	22.44 1.38 0.00	18.14 1.32 3.39	13.99 1.25 6.85	61.24 3.36 0.00	26.32 1.50 0.00	24.64 1.40 0.00	25.21 1.33 0.00	23.95 1.26 0.00	24.08 1.21 0.00	21.09 1.00 0.00	21.15 0.94 0.00
LOVETT___4 23642	19.14 0.71 0.00	17.07 0.58 0.00	16.61 0.49 0.00	15.74 0.46 0.00	15.25 0.45 0.00	14.62 0.46 0.00	17.57 0.54 0.00	20.81 0.78 0.00	19.91 0.82 0.00	21.31 1.00 0.00	21.79 1.06 0.00	22.33 1.16 0.00	23.38 1.41 0.00	22.44 1.38 0.00	18.14 1.32 3.39	13.99 1.25 6.85	61.24 3.36 0.00	26.32 1.50 0.00	24.64 1.40 0.00	25.21 1.33 0.00	23.95 1.26 0.00	24.08 1.21 0.00	21.09 1.00 0.00	21.15 0.94 0.00
LOVETT___5 23593	19.14 0.71 0.00	17.07 0.58 0.00	16.61 0.49 0.00	15.74 0.46 0.00	15.25 0.45 0.00	14.62 0.46 0.00	17.57 0.54 0.00	20.81 0.78 0.00	19.91 0.82 0.00	21.31 1.00 0.00	21.79 1.06 0.00	22.33 1.16 0.00	23.38 1.41 0.00	22.44 1.38 0.00	18.14 1.32 3.39	13.99 1.25 6.85	61.24 3.36 0.00	26.32 1.50 0.00	24.64 1.40 0.00	25.21 1.33 0.00	23.95 1.26 0.00	24.08 1.21 0.00	21.09 1.00 0.00	21.15 0.94 0.00
LOWER RAQUET___HYD 24057	18.73 0.30 0.00	16.74 0.24 0.00	16.37 0.25 0.00	15.50 0.22 0.00	15.01 0.22 0.00	14.35 0.19 0.00	17.35 0.33 0.00	20.38 0.35 0.00	19.12 0.02 0.00	20.30 -0.02 0.00	20.71 -0.03 0.00	21.11 -0.06 0.00	21.77 -0.19 0.00	20.87 -0.19 0.00	20.01 -0.19 0.00	19.65 0.06 0.00	58.16 0.28 0.00	24.98 0.16 0.00	23.36 0.11 0.00	23.95 0.07 0.00	22.70 0.01 0.00	22.99 0.11 0.00	20.22 0.13 0.00	20.31 0.10 0.00
LOWER___HUDSON 24059	19.25 0.81 0.00	17.21 0.72 0.00	16.78 0.66 0.00	15.91 0.63 0.00	15.39 0.60 0.00	14.74 0.58 0.00	17.73 0.70 0.00	20.92 0.89 0.00	19.92 0.83 0.00	21.19 0.88 0.00	21.61 0.88 0.00	22.10 0.94 0.00	23.04 1.07 0.00	22.08 1.02 0.00	22.01 1.00 -0.80	22.21 0.91 -1.72	60.38 2.51 0.00	25.91 1.10 0.00	24.27 1.03 0.00	24.95 1.07 0.00	23.72 1.03 0.00	23.84 0.96 0.00	20.96 0.87 0.00	21.05 0.85 0.00
LOWVILLE_115KV_TB2 356335	18.96 0.52 0.00	16.94 0.44 0.00	16.51 0.39 0.00	15.64 0.37 0.00	15.17 0.37 0.00	14.56 0.40 0.00	17.59 0.56 0.00	20.74 0.71 0.00	19.71 0.62 0.00	20.92 0.60 0.00	21.38 0.65 0.00	21.80 0.64 0.00	22.52 0.56 0.00	21.56 0.50 0.00	20.66 0.46 0.00	20.03 0.44 0.00	59.24 1.37 0.00	25.50 0.68 0.00	23.96 0.71 0.00	24.57 0.69 0.00	23.27 0.58 0.00	23.51 0.64 0.00	20.60 0.51 0.00	20.72 0.50 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	19.48 1.04 0.00	17.40 0.90 0.00	16.96 0.84 0.00	16.08 0.80 0.00	15.57 0.77 0.00	14.93 0.77 0.00	17.97 0.95 0.00	21.21 1.18 0.00	20.21 1.12 0.00	21.49 1.18 0.00	21.94 1.20 0.00	22.40 1.24 0.00	23.38 1.41 0.00	22.42 1.36 0.00	22.25 1.30 -0.74	22.42 1.25 -1.59	61.45 3.58 0.00	26.33 1.52 0.00	24.70 1.44 0.00	25.32 1.43 0.00	24.10 1.41 0.00	24.20 1.32 0.00	21.34 1.25 0.00	21.45 1.24 0.00
LUTHERNY_35_KV_BK2 355980	19.48 1.04 0.00	17.40 0.90 0.00	16.95 0.83 0.00	16.08 0.80 0.00	15.57 0.77 0.00	14.92 0.76 0.00	17.98 0.95 0.00	21.23 1.20 0.00	20.21 1.12 0.00	21.49 1.18 0.00	21.99 1.25 0.00	22.42 1.25 0.00	23.40 1.44 0.00	22.44 1.38 0.00	22.25 1.30 -0.74	22.42 1.25 -1.59	61.56 3.69 0.00	26.34 1.52 0.00	24.71 1.46 0.00	25.32 1.44 0.00	24.11 1.42 0.00	24.19 1.32 0.00	21.35 1.26 0.00	21.46 1.25 0.00
LWR___OSWEGATCHIE_HYD 23850	18.84 0.41 0.00	16.84 0.35 0.00	16.43 0.31 0.00	15.57 0.29 0.00	15.08 0.29 0.00	14.46 0.30 0.00	17.48 0.45 0.00	20.57 0.54 0.00	19.42 0.33 0.00	20.61 0.29 0.00	21.03 0.30 0.00	21.43 0.27 0.00	22.10 0.14 0.00	21.17 0.10 0.00	20.30 0.09 0.00	19.82 0.23 0.00	58.64 0.77 0.00	25.21 0.40 0.00	23.65 0.40 0.00	24.25 0.36 0.00	22.96 0.27 0.00	23.24 0.36 0.00	20.39 0.29 0.00	20.50 0.29 0.00
LYONS_FALL_HYD 23570	18.88 0.44 0.00	16.87 0.37 0.00	16.45 0.33 0.00	15.59 0.31 0.00	15.11 0.32 0.00	14.50 0.34 0.00	17.49 0.47 0.00	20.63 0.60 0.00	19.64 0.55 0.00	20.87 0.55 0.00	21.32 0.59 0.00	21.76 0.60 0.00	22.54 0.58 0.00	21.60 0.54 0.00	20.69 0.48 0.00	20.02 0.44 0.00	59.20 1.33 0.00	25.44 0.63 0.00	23.89 0.64 0.00	24.52 0.64 0.00	23.24 0.55 0.00	23.47 0.60 0.00	20.57 0.48 0.00	20.69 0.47 0.00
MADISON___COUNTY_LFGE 323628	18.81 0.37 0.00	16.80 0.31 0.00	16.39 0.27 0.00	15.54 0.26 0.00	15.07 0.27 0.00	14.46 0.31 0.00	17.42 0.40 0.00	20.53 0.50 0.00	19.60 0.50 0.00	20.84 0.52 0.00	21.28 0.55 0.00	21.76 0.60 0.00	22.62 0.66 0.00	21.70 0.64 0.00	20.74 0.54 0.00	20.04 0.46 0.00	50.19 1.24 8.93	25.36 0.54 0.00	23.80 0.55 0.00	24.46 0.58 0.00	23.24 0.55 0.00	23.47 0.59 0.00	20.60 0.51 0.00	20.72 0.51 0.00
MALONE___115KV_TB1 356076	19.07 0.63 0.00	17.04 0.54 0.00	16.63 0.51 0.00	15.74 0.46 0.00	15.22 0.43 0.00	14.55 0.39 0.00	17.58 0.55 0.00	20.62 0.59 0.00	19.42 0.32 0.00	20.70 0.38 0.00	21.04 0.31 0.00	21.45 0.29 0.00	22.20 0.24 0.00	21.25 0.18 0.00	20.39 0.18 0.00	20.04 0.45 0.00	59.71 1.84 0.00	25.61 0.79 0.00	23.91 0.67 0.00	24.46 0.58 0.00	23.11 0.42 0.00	23.51 0.63 0.00	20.73 0.64 0.00	20.81 0.60 0.00
MAPLEWOD_115KV_TB3 80458	19.19 0.75 0.00	17.17 0.67 0.00	16.74 0.62 0.00	15.87 0.59 0.00	15.35 0.56 0.00	14.69 0.53 0.00	17.63 0.61 0.00	20.79 0.75 0.00	19.82 0.73 0.00	21.10 0.78 0.00	21.53 0.79 0.00	22.01 0.84 0.00	22.95 0.99 0.00	22.05 0.99 0.00	21.96 0.97 -0.78	22.18 0.92 -1.68	60.36 2.49 0.00	25.91 1.09 0.00	24.29 1.04 0.00	24.93 1.05 0.00	23.70 1.01 0.00	23.84 0.97 0.00	20.93 0.84 0.00	21.01 0.80 0.00
MAPLE RIDGE_WT_1 323574	18.36 -0.08 0.00	16.38 -0.11 0.00	15.98 -0.14 0.00	15.11 -0.16 0.00	14.64 -0.15 0.00	14.02 -0.14 0.00	16.94 -0.09 0.00	19.95 -0.08 0.00	18.93 -0.16 0.00	20.03 -0.28 0.00	20.50 -0.23 0.00	20.85 -0.31 0.00	21.61 -0.35 0.00	20.81 -0.25 0.00	20.02 -0.18 0.00	19.45 -0.13 0.00	57.47 -0.41 0.00	24.68 -0.14 0.00	23.09 -0.16 0.00	23.71 -0.17 0.00	22.43 -0.26 0.00	22.58 -0.29 0.00	19.87 -0.22 0.00	19.96 -0.25 0.00

MAPLE RIDGE_WT_2 323611	18.36 -0.08 0.00	16.38 -0.11 0.00	15.98 -0.14 0.00	15.11 -0.16 0.00	14.64 -0.15 0.00	14.02 -0.14 0.00	16.94 -0.09 0.00	19.95 -0.08 0.00	18.93 -0.16 0.00	20.03 -0.28 0.00	20.50 -0.23 0.00	20.85 -0.31 0.00	21.61 -0.35 0.00	20.81 -0.25 0.00	20.02 -0.18 0.00	19.45 -0.13 0.00	57.47 -0.41 0.00	24.68 -0.14 0.00	23.09 -0.16 0.00	23.71 -0.17 0.00	22.43 -0.26 0.00	22.58 -0.29 0.00	19.87 -0.22 0.00	19.96 -0.25 0.00
MARBLE RIVER_WT_PWR 323696	19.02 0.59 0.00	16.99 0.49 0.00	16.58 0.46 0.00	15.69 0.41 0.00	15.16 0.36 0.00	14.48 0.32 0.00	17.46 0.43 0.00	20.44 0.41 0.00	19.32 0.23 0.00	20.54 0.23 0.00	20.87 0.13 0.00	21.25 0.08 0.00	22.02 0.05 0.00	21.09 0.03 0.00	20.23 0.03 0.00	19.91 0.33 0.00	59.58 1.70 0.00	25.56 0.75 0.00	23.87 0.62 0.00	24.36 0.47 0.00	23.00 0.31 0.00	23.43 0.56 0.00	20.70 0.60 0.00	20.81 0.60 0.00
MARSHVLE_115KV_TB1 80742	19.81 1.38 0.00	17.71 1.22 0.00	17.32 1.20 0.00	16.42 1.14 0.00	15.91 1.11 0.00	15.29 1.13 0.00	18.45 1.42 0.00	21.64 1.61 0.00	20.61 1.52 0.00	21.90 1.59 0.00	22.35 1.62 0.00	22.50 1.33 0.00	23.59 1.63 0.00	22.60 1.54 0.00	22.16 1.45 -0.51	22.13 1.46 -1.08	62.05 4.18 0.00	26.77 1.95 0.00	25.04 1.80 0.00	25.68 1.80 0.00	24.44 1.75 0.00	24.71 1.84 0.00	21.45 1.37 0.00	21.60 1.39 0.00
MARSH HILL_WT_PWR 323713	18.08 -0.36 0.00	16.33 -0.16 0.00	15.87 -0.25 0.00	15.07 -0.21 0.00	14.70 -0.09 0.00	14.23 0.08 0.00	17.16 0.13 0.00	20.21 0.18 0.00	19.40 0.30 0.00	20.69 0.37 0.00	21.20 0.46 0.00	21.64 0.48 0.00	22.32 0.36 0.00	20.56 -0.50 0.00	19.32 -0.88 0.00	18.75 -0.83 0.00	29.12 -1.97 26.79	23.62 -1.20 0.00	22.25 -1.00 0.00	23.10 -0.78 0.00	22.08 -0.61 0.00	22.12 -0.76 0.00	19.53 -0.56 0.00	20.20 -0.01 0.00
MCINTYRE_115KV_TB2 80467	18.94 0.50 0.00	16.92 0.42 0.00	16.56 0.44 0.00	15.68 0.40 0.00	15.18 0.38 0.00	14.52 0.37 0.00	17.58 0.55 0.00	20.63 0.60 0.00	19.43 0.34 0.00	20.71 0.39 0.00	21.13 0.40 0.00	21.55 0.39 0.00	22.25 0.28 0.00	21.33 0.27 0.00	20.42 0.21 0.00	19.96 0.37 0.00	58.98 1.10 0.00	25.34 0.52 0.00	23.67 0.42 0.00	24.30 0.41 0.00	23.07 0.38 0.00	23.35 0.48 0.00	20.52 0.43 0.00	20.59 0.38 0.00
MECO____69_KV_BK1 80468	20.16 1.73 0.00	17.96 1.47 0.00	17.54 1.42 0.00	16.61 1.33 0.00	16.10 1.30 0.00	15.49 1.33 0.00	18.66 1.64 0.00	22.00 1.97 0.00	20.94 1.85 0.00	22.26 1.95 0.00	22.69 1.96 0.00	22.93 1.77 0.00	24.38 2.41 0.00	23.30 2.24 0.00	22.75 1.97 -0.57	22.66 1.86 -1.21	63.44 5.57 0.00	27.30 2.48 0.00	25.56 2.32 0.00	26.25 2.37 0.00	25.03 2.34 0.00	25.24 2.37 0.00	21.78 1.69 0.00	21.89 1.68 0.00
MENANDS__115KV_TB5 355628	18.93 0.49 0.00	16.99 0.49 0.00	16.58 0.46 0.00	15.72 0.44 0.00	15.21 0.41 0.00	14.52 0.36 0.00	17.41 0.38 0.00	20.49 0.47 0.00	19.55 0.46 0.00	20.83 0.51 0.00	21.24 0.51 0.00	21.72 0.56 0.00	22.66 0.69 0.00	21.74 0.68 0.00	21.65 0.69 -0.76	21.87 0.66 -1.63	59.55 1.68 0.00	25.55 0.73 0.00	23.95 0.71 0.00	24.60 0.71 0.00	23.37 0.68 0.00	23.51 0.63 0.00	20.62 0.53 0.00	20.70 0.49 0.00
MG INDUSTRY__DRP 24185	19.01 0.58 0.00	17.06 0.56 0.00	16.65 0.53 0.00	15.79 0.51 0.00	15.28 0.48 0.00	14.60 0.44 0.00	17.50 0.48 0.00	20.59 0.56 0.00	19.63 0.54 0.00	20.89 0.57 0.00	21.30 0.56 0.00	21.77 0.61 0.00	22.71 0.74 0.00	21.79 0.73 0.00	21.59 0.72 -0.66	21.69 0.69 -1.42	59.71 1.83 0.00	25.59 0.78 0.00	24.04 0.79 0.00	24.67 0.78 0.00	23.44 0.75 0.00	23.57 0.70 0.00	20.70 0.61 0.00	20.80 0.59 0.00
MID__OSWEGATCHIE_HYD 23849	18.84 0.41 0.00	16.84 0.35 0.00	16.43 0.31 0.00	15.57 0.29 0.00	15.08 0.29 0.00	14.46 0.30 0.00	17.48 0.45 0.00	20.57 0.54 0.00	19.42 0.33 0.00	20.61 0.29 0.00	21.03 0.30 0.00	21.43 0.27 0.00	22.10 0.14 0.00	21.17 0.10 0.00	20.30 0.09 0.00	19.82 0.23 0.00	58.64 0.77 0.00	25.21 0.40 0.00	23.65 0.40 0.00	24.25 0.36 0.00	22.96 0.27 0.00	23.24 0.36 0.00	20.39 0.29 0.00	20.50 0.29 0.00
MID__RAQUETTE_HYD 23851	18.73 0.30 0.00	16.74 0.24 0.00	16.37 0.25 0.00	15.50 0.22 0.00	15.01 0.22 0.00	14.35 0.19 0.00	17.35 0.33 0.00	20.38 0.35 0.00	19.11 0.02 0.00	20.30 -0.02 0.00	20.71 -0.03 0.00	21.11 -0.06 0.00	21.78 -0.18 0.00	20.87 -0.19 0.00	20.01 -0.20 0.00	19.65 0.06 0.00	58.15 0.28 0.00	24.98 0.16 0.00	23.36 0.11 0.00	23.95 0.07 0.00	22.70 0.01 0.00	22.99 0.11 0.00	20.22 0.13 0.00	20.30 0.09 0.00
MILLIKEN__1 23584	18.68 0.24 0.00	16.73 0.23 0.00	16.32 0.20 0.00	15.48 0.20 0.00	15.02 0.22 0.00	14.44 0.28 0.00	17.38 0.36 0.00	20.48 0.45 0.00	19.52 0.43 0.00	20.79 0.47 0.00	21.18 0.45 0.00	21.62 0.45 0.00	22.47 0.50 0.00	21.50 0.43 0.00	20.50 0.29 0.00	19.85 0.26 0.00	50.87 0.98 7.99	25.19 0.37 0.00	23.63 0.38 0.00	24.31 0.43 0.00	23.10 0.41 0.00	23.27 0.40 0.00	20.35 0.27 0.00	20.52 0.31 0.00
MILLIKEN__2 23585	18.68 0.24 0.00	16.73 0.23 0.00	16.32 0.20 0.00	15.48 0.20 0.00	15.02 0.22 0.00	14.44 0.28 0.00	17.38 0.36 0.00	20.48 0.45 0.00	19.52 0.43 0.00	20.79 0.47 0.00	21.18 0.45 0.00	21.62 0.45 0.00	22.47 0.50 0.00	21.50 0.43 0.00	20.50 0.29 0.00	19.85 0.26 0.00	50.87 0.98 7.99	25.19 0.37 0.00	23.63 0.38 0.00	24.31 0.43 0.00	23.10 0.41 0.00	23.27 0.40 0.00	20.35 0.27 0.00	20.52 0.31 0.00
MILLIKEN__DIESEL 23629	18.68 0.24 0.00	16.73 0.23 0.00	16.32 0.20 0.00	15.48 0.20 0.00	15.02 0.22 0.00	14.44 0.28 0.00	17.38 0.36 0.00	20.48 0.45 0.00	19.52 0.43 0.00	20.79 0.47 0.00	21.18 0.45 0.00	21.62 0.45 0.00	22.47 0.50 0.00	21.50 0.43 0.00	20.50 0.29 0.00	19.85 0.26 0.00	50.87 0.98 7.99	25.19 0.37 0.00	23.63 0.38 0.00	24.31 0.43 0.00	23.10 0.41 0.00	23.27 0.40 0.00	20.35 0.27 0.00	20.52 0.31 0.00
MILLSEAT__LFGE 323607	18.44 0.00 0.00	16.56 0.07 0.00	16.14 0.02 0.00	15.31 0.04 0.00	14.85 0.05 0.00	14.39 0.23 0.00	17.29 0.26 0.00	20.15 0.12 0.00	19.33 0.24 0.00	20.63 0.31 0.00	21.06 0.33 0.00	21.34 0.17 0.00	22.01 0.05 0.00	21.00 -0.07 0.00	20.11 -0.10 0.00	19.41 -0.17 0.00	17.04 -0.23 40.60	24.39 -0.42 0.00	22.76 -0.49 0.00	23.60 -0.29 0.00	22.41 -0.28 0.00	22.65 -0.23 0.00	19.91 -0.18 0.00	20.48 0.27 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	19.22 0.78 0.00	17.15 0.65 0.00	16.69 0.56 0.00	15.82 0.54 0.00	15.31 0.52 0.00	14.69 0.52 0.00	17.66 0.63 0.00	20.90 0.87 0.00	20.00 0.91 0.00	21.41 1.09 0.00	21.88 1.15 0.00	22.42 1.25 0.00	23.46 1.49 0.00	22.52 1.46 0.00	24.88 1.41 -3.27	27.86 1.34 -6.94	61.42 3.54 0.00	26.40 1.59 0.00	24.73 1.48 0.00	25.30 1.41 0.00	24.03 1.34 0.00	24.16 1.28 0.00	21.16 1.07 0.00	21.22 1.02 0.00

MILLWOOD_13_KV_LOAD 356217	19.26 0.82 0.00	17.18 0.69 0.00	16.72 0.60 0.00	15.85 0.57 0.00	15.35 0.55 0.00	14.72 0.56 0.00	17.69 0.67 0.00	20.95 0.92 0.00	20.05 0.96 0.00	21.47 1.15 0.00	21.94 1.21 0.00	22.48 1.32 0.00	23.53 1.57 0.00	22.59 1.53 0.00	24.95 1.48 -3.27	27.92 1.40 -6.94	61.59 3.72 0.00	26.48 1.67 0.00	24.80 1.55 0.00	25.37 1.49 0.00	24.10 1.41 0.00	24.22 1.34 0.00	21.21 1.12 0.00	21.27 1.06 0.00
MODEL_CITY_ENERGY 24167	18.14 -0.30 0.00	16.31 -0.18 0.00	15.89 -0.23 0.00	15.08 -0.19 0.00	14.62 -0.17 0.00	14.17 0.01 0.00	16.98 -0.04 0.00	19.74 -0.29 0.00	18.95 -0.14 0.00	20.21 -0.11 0.00	20.63 -0.11 0.00	20.84 -0.32 0.00	21.53 -0.43 0.00	20.54 -0.52 0.00	19.70 -0.51 0.00	19.02 -0.56 0.00	16.51 -1.43 39.94	23.86 -0.95 0.00	22.24 -1.01 0.00	23.08 -0.80 0.00	21.91 -0.77 0.00	22.15 -0.72 0.00	19.52 -0.57 0.00	20.14 -0.07 0.00
MODERN_LFGE_ 323580	18.14 -0.30 0.00	16.31 -0.18 0.00	15.89 -0.23 0.00	15.08 -0.19 0.00	14.62 -0.17 0.00	14.17 0.01 0.00	16.98 -0.04 0.00	19.74 -0.29 0.00	18.95 -0.14 0.00	20.21 -0.11 0.00	20.63 -0.11 0.00	20.84 -0.32 0.00	21.53 -0.43 0.00	20.54 -0.52 0.00	19.70 -0.51 0.00	19.02 -0.56 0.00	16.51 -1.43 39.94	23.86 -0.95 0.00	22.24 -1.01 0.00	23.08 -0.80 0.00	21.91 -0.77 0.00	22.15 -0.72 0.00	19.52 -0.57 0.00	20.14 -0.07 0.00
MOHAWK_PAPER___DRP 24187	19.19 0.75 0.00	17.17 0.67 0.00	16.74 0.62 0.00	15.87 0.59 0.00	15.35 0.56 0.00	14.69 0.53 0.00	17.63 0.61 0.00	20.79 0.75 0.00	19.82 0.73 0.00	21.10 0.78 0.00	21.53 0.79 0.00	22.01 0.84 0.00	22.95 0.99 0.00	22.05 0.99 0.00	21.96 0.97 -0.78	22.18 0.92 -1.68	60.36 2.49 0.00	25.91 1.09 0.00	24.29 1.04 0.00	24.93 1.05 0.00	23.70 1.01 0.00	23.84 0.97 0.00	20.93 0.84 0.00	21.01 0.80 0.00
MOHICAN__35_KV_115KV_LD 80490	19.59 1.15 0.00	17.48 0.99 0.00	17.03 0.91 0.00	16.15 0.87 0.00	15.65 0.86 0.00	15.03 0.87 0.00	18.13 1.11 0.00	21.41 1.38 0.00	20.38 1.29 0.00	21.65 1.33 0.00	22.07 1.34 0.00	22.50 1.34 0.00	23.52 1.56 0.00	22.55 1.48 0.00	22.36 1.42 -0.74	22.58 1.41 -1.58	61.92 4.04 0.00	26.53 1.72 0.00	24.92 1.67 0.00	25.43 1.55 0.00	24.27 1.58 0.00	24.31 1.43 0.00	21.63 1.54 0.00	21.76 1.55 0.00
MONGAUP___HYD 23641	19.17 0.74 0.00	17.09 0.59 0.00	16.63 0.51 0.00	15.76 0.48 0.00	15.25 0.46 0.00	14.63 0.47 0.00	17.59 0.56 0.00	20.80 0.77 0.00	19.87 0.78 0.00	21.22 0.90 0.00	21.59 0.86 0.00	22.27 1.10 0.00	23.28 1.31 0.00	22.35 1.28 0.00	18.79 1.16 2.57	14.82 0.88 5.64	60.56 2.68 0.00	26.01 1.19 0.00	24.43 1.18 0.00	25.09 1.21 0.00	23.90 1.21 0.00	24.05 1.18 0.00	21.09 1.00 0.00	21.14 0.94 0.00
MONTAUK___DIESEL 23721	19.77 1.33 0.00	17.66 1.17 0.00	17.25 1.12 0.00	16.41 1.14 0.00	15.98 1.19 0.00	15.64 1.22 -0.26	21.07 1.51 -2.54	21.79 1.76 0.00	20.62 1.53 0.00	22.75 1.82 -0.61	33.82 1.99 -11.09	110.43 2.06 -87.21	196.26 2.03 -172.27	119.04 1.99 -95.99	47.20 2.22 -24.78	71.37 2.24 -49.54	71.85 6.34 -7.64	37.86 2.95 -10.09	48.32 2.64 -22.43	27.26 2.55 -0.82	24.97 2.28 0.00	25.08 2.20 0.00	22.10 2.01 0.00	21.61 1.80 0.40
MOONROAD_115KV_HARTFLD_TB1-2 355988	18.32 -0.11 0.00	16.57 0.07 0.00	16.17 0.05 0.00	15.44 0.17 0.00	15.05 0.26 0.00	14.61 0.45 0.00	17.61 0.59 0.00	20.78 0.75 0.00	19.93 0.84 0.00	21.32 1.00 0.00	21.57 0.84 0.00	21.64 0.48 0.00	22.51 0.54 0.00	21.49 0.42 0.00	20.35 0.15 0.00	19.36 -0.22 0.00	22.73 -0.65 34.49	24.15 -0.67 0.00	22.63 -0.61 0.00	23.66 -0.22 0.00	22.46 -0.23 0.00	22.82 -0.06 0.00	20.04 -0.06 0.00	20.70 0.49 0.00
MORTIMER_115KV_TB3 55949	18.36 -0.08 0.00	16.47 -0.03 0.00	16.05 -0.07 0.00	15.22 -0.06 0.00	14.75 -0.04 0.00	14.24 0.08 0.00	17.12 0.10 0.00	20.05 0.02 0.00	19.21 0.12 0.00	20.47 0.15 0.00	20.89 0.15 0.00	21.19 0.03 0.00	21.94 -0.03 0.00	20.97 -0.10 0.00	20.09 -0.11 0.00	19.43 -0.15 0.00	14.32 -0.25 43.31	24.48 -0.34 0.00	22.86 -0.39 0.00	23.63 -0.25 0.00	22.43 -0.26 0.00	22.64 -0.24 0.00	19.87 -0.22 0.00	20.26 0.05 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	19.32 0.88 0.00	17.23 0.73 0.00	16.76 0.64 0.00	15.88 0.60 0.00	15.38 0.59 0.00	14.76 0.60 0.00	17.73 0.71 0.00	21.01 0.98 0.00	20.12 1.03 0.00	21.55 1.23 0.00	22.03 1.29 0.00	22.57 1.40 0.00	23.62 1.66 0.00	22.68 1.61 0.00	24.93 1.56 -3.17	27.79 1.49 -6.71	61.83 3.95 0.00	26.57 1.76 0.00	24.90 1.65 0.00	25.44 1.56 0.00	24.16 1.47 0.00	24.28 1.41 0.00	21.28 1.19 0.00	21.33 1.12 0.00
MUNSVILLE_WIND_PWR 323609	19.61 1.17 0.00	17.50 1.00 0.00	17.01 0.89 0.00	16.15 0.87 0.00	15.69 0.90 0.00	15.14 0.98 0.00	18.30 1.28 0.00	21.57 1.54 0.00	20.57 1.48 0.00	21.63 1.32 0.00	22.02 1.29 0.00	22.44 1.28 0.00	23.43 1.46 0.00	22.54 1.48 0.00	21.36 1.16 0.00	20.55 0.97 0.00	52.61 4.12 9.39	26.56 1.75 0.00	24.90 1.65 0.00	25.69 1.81 0.00	24.45 1.77 0.00	24.55 1.68 0.00	21.29 1.20 0.00	21.35 1.14 0.00
N SALMON___HYD 24042	19.07 0.64 0.00	17.04 0.54 0.00	16.63 0.51 0.00	15.74 0.46 0.00	15.22 0.43 0.00	14.55 0.39 0.00	17.58 0.56 0.00	20.62 0.59 0.00	19.42 0.32 0.00	20.70 0.38 0.00	21.04 0.31 0.00	21.45 0.29 0.00	22.20 0.24 0.00	21.25 0.18 0.00	20.39 0.18 0.00	20.04 0.45 0.00	59.71 1.84 0.00	25.61 0.79 0.00	23.91 0.67 0.00	24.46 0.58 0.00	23.11 0.42 0.00	23.51 0.63 0.00	20.73 0.64 0.00	20.81 0.60 0.00
N.AKRON__115KV_KNAPP 355671	18.38 -0.06 0.00	16.52 0.03 0.00	16.09 -0.02 0.00	15.27 -0.01 0.00	14.81 0.02 0.00	14.35 0.19 0.00	17.23 0.21 0.00	20.07 0.04 0.00	19.27 0.17 0.00	20.54 0.22 0.00	20.97 0.23 0.00	21.24 0.08 0.00	21.93 -0.04 0.00	20.90 -0.16 0.00	20.00 -0.21 0.00	19.32 -0.27 0.00	17.00 -0.54 40.34	24.28 -0.53 0.00	22.64 -0.61 0.00	23.49 -0.39 0.00	22.30 -0.39 0.00	22.54 -0.34 0.00	19.83 -0.26 0.00	20.41 0.21 0.00
N.BELMOR_69_KV_BK1 55787	19.43 0.99 0.00	17.34 0.84 0.00	16.90 0.78 0.00	16.06 0.78 0.00	15.61 0.82 0.00	15.26 0.84 -0.26	20.58 1.02 -2.54	21.26 1.24 0.00	20.22 1.13 0.00	22.29 1.36 -0.61	33.39 1.57 -11.09	110.01 1.64 -87.21	196.13 1.90 -172.27	118.87 1.82 -95.99	46.77 1.79 -24.78	70.84 1.71 -49.54	69.92 4.41 -7.64	36.93 2.03 -10.09	47.64 1.96 -22.43	26.59 1.88 -0.82	24.41 1.72 0.00	24.56 1.68 0.00	21.54 1.45 0.00	22.79 1.36 -1.22
N.E._GEN_SANDY PD 24062	20.81 0.76 -1.61	19.23 0.67 -2.07	17.62 0.60 -0.90	17.27 0.56 -1.43	16.44 0.54 -1.11	16.78 0.53 -2.10	18.94 0.62 -1.30	21.26 0.80 -0.42	19.84 0.77 0.02	21.18 0.86 0.00	21.54 0.83 0.02	22.07 0.91 0.00	23.04 1.07 0.00	22.11 1.05 0.00	23.14 1.07 -1.87	26.04 1.02 -5.44	47.78 2.65 12.74	30.01 1.20 -4.00	24.36 1.11 0.00	26.35 1.11 -1.36	24.20 1.05 -0.46	24.18 1.00 -0.31	20.96 0.87 0.00	21.04 0.83 0.00

N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	19.17 0.73 0.00	17.09 0.60 0.00	16.63 0.51 0.00	15.76 0.48 0.00	15.27 0.47 0.00	14.64 0.48 0.00	17.59 0.56 0.00	20.83 0.80 0.00	19.93 0.84 0.00	21.34 1.03 0.00	21.83 1.10 0.00	22.37 1.21 0.00	23.43 1.46 0.00	22.48 1.42 0.00	18.21 1.36 3.35	14.11 1.29 6.76	61.35 3.48 0.00	26.37 1.55 0.00	24.69 1.44 0.00	25.26 1.38 0.00	23.99 1.30 0.00	24.12 1.25 0.00	21.12 1.03 0.00	21.18 0.98 0.00
N.QUEENS_27_KV_LOAD 356247	19.38 0.94 0.00	17.24 0.74 0.00	16.77 0.65 0.00	15.89 0.61 0.00	15.39 0.60 0.00	14.77 0.61 0.00	17.75 0.72 0.00	21.00 0.97 0.00	20.17 1.08 0.00	21.58 1.26 0.00	22.07 1.34 0.00	22.60 1.44 0.00	23.65 1.69 0.00	22.73 1.67 0.00	24.95 1.58 -3.17	27.81 1.51 -6.71	61.63 3.76 0.00	26.56 1.75 0.00	24.90 1.66 0.00	25.44 1.56 0.00	24.18 1.49 0.00	24.30 1.43 0.00	21.30 1.21 0.00	21.31 1.10 0.00
N.TROY___115KV_TB1 355778	19.25 0.81 0.00	17.21 0.72 0.00	16.78 0.66 0.00	15.91 0.63 0.00	15.39 0.60 0.00	14.74 0.58 0.00	17.73 0.70 0.00	20.93 0.89 0.00	19.92 0.83 0.00	21.19 0.88 0.00	21.61 0.88 0.00	22.10 0.94 0.00	23.04 1.08 0.00	22.09 1.02 0.00	22.02 1.01 -0.80	22.21 0.91 -1.72	60.38 2.51 0.00	25.91 1.10 0.00	24.27 1.03 0.00	24.95 1.07 0.00	23.72 1.03 0.00	23.84 0.97 0.00	20.96 0.87 0.00	21.05 0.85 0.00
NARROWS_GT1_1 24228	19.40 0.96 0.00	17.29 0.79 0.00	16.81 0.69 0.00	15.93 0.65 0.00	15.42 0.63 0.00	14.80 0.64 0.00	17.79 0.76 0.00	21.07 1.04 0.00	20.21 1.11 0.00	21.63 1.32 0.00	22.12 1.39 0.00	22.66 1.50 0.00	23.75 1.78 0.00	22.80 1.74 0.00	25.05 1.68 -3.17	27.90 1.61 -6.71	62.04 4.17 0.00	26.71 1.89 0.00	25.06 1.81 0.00	25.59 1.70 0.00	24.29 1.60 0.00	24.41 1.54 0.00	21.38 1.29 0.00	21.42 1.21 0.00
NARROWS_GT1_2 24229	19.40 0.96 0.00	17.29 0.79 0.00	16.81 0.69 0.00	15.93 0.65 0.00	15.42 0.63 0.00	14.80 0.64 0.00	17.79 0.76 0.00	21.07 1.04 0.00	20.21 1.11 0.00	21.63 1.32 0.00	22.12 1.39 0.00	22.66 1.50 0.00	23.75 1.78 0.00	22.80 1.74 0.00	25.05 1.68 -3.17	27.90 1.61 -6.71	62.04 4.17 0.00	26.71 1.89 0.00	25.06 1.81 0.00	25.59 1.70 0.00	24.29 1.60 0.00	24.41 1.54 0.00	21.38 1.29 0.00	21.42 1.21 0.00
NARROWS_GT1_3 24230	19.40 0.96 0.00	17.29 0.79 0.00	16.81 0.69 0.00	15.93 0.65 0.00	15.42 0.63 0.00	14.80 0.64 0.00	17.79 0.76 0.00	21.07 1.04 0.00	20.21 1.11 0.00	21.63 1.32 0.00	22.12 1.39 0.00	22.66 1.50 0.00	23.75 1.78 0.00	22.80 1.74 0.00	25.05 1.68 -3.17	27.90 1.61 -6.71	62.04 4.17 0.00	26.71 1.89 0.00	25.06 1.81 0.00	25.59 1.70 0.00	24.29 1.60 0.00	24.41 1.54 0.00	21.38 1.29 0.00	21.42 1.21 0.00
NARROWS_GT1_4 24231	19.40 0.96 0.00	17.29 0.79 0.00	16.81 0.69 0.00	15.93 0.65 0.00	15.42 0.63 0.00	14.80 0.64 0.00	17.79 0.76 0.00	21.07 1.04 0.00	20.21 1.11 0.00	21.63 1.32 0.00	22.12 1.39 0.00	22.66 1.50 0.00	23.75 1.78 0.00	22.80 1.74 0.00	25.05 1.68 -3.17	27.90 1.61 -6.71	62.04 4.17 0.00	26.71 1.89 0.00	25.06 1.81 0.00	25.59 1.70 0.00	24.29 1.60 0.00	24.41 1.54 0.00	21.38 1.29 0.00	21.42 1.21 0.00
NARROWS_GT1_5 24232	19.40 0.96 0.00	17.29 0.79 0.00	16.81 0.69 0.00	15.93 0.65 0.00	15.42 0.63 0.00	14.80 0.64 0.00	17.79 0.76 0.00	21.07 1.04 0.00	20.21 1.11 0.00	21.63 1.32 0.00	22.12 1.39 0.00	22.66 1.50 0.00	23.75 1.78 0.00	22.80 1.74 0.00	25.05 1.68 -3.17	27.90 1.61 -6.71	62.04 4.17 0.00	26.71 1.89 0.00	25.06 1.81 0.00	25.59 1.70 0.00	24.29 1.60 0.00	24.41 1.54 0.00	21.38 1.29 0.00	21.42 1.21 0.00
NARROWS_GT1_6 24233	19.40 0.96 0.00	17.29 0.79 0.00	16.81 0.69 0.00	15.93 0.65 0.00	15.42 0.63 0.00	14.80 0.64 0.00	17.79 0.76 0.00	21.07 1.04 0.00	20.21 1.11 0.00	21.63 1.32 0.00	22.12 1.39 0.00	22.66 1.50 0.00	23.75 1.78 0.00	22.80 1.74 0.00	25.05 1.68 -3.17	27.90 1.61 -6.71	62.04 4.17 0.00	26.71 1.89 0.00	25.06 1.81 0.00	25.59 1.70 0.00	24.29 1.60 0.00	24.41 1.54 0.00	21.38 1.29 0.00	21.42 1.21 0.00
NARROWS_GT1_7 24234	19.40 0.96 0.00	17.29 0.79 0.00	16.81 0.69 0.00	15.93 0.65 0.00	15.42 0.63 0.00	14.80 0.64 0.00	17.79 0.76 0.00	21.07 1.04 0.00	20.21 1.11 0.00	21.63 1.32 0.00	22.12 1.39 0.00	22.66 1.50 0.00	23.75 1.78 0.00	22.80 1.74 0.00	25.05 1.68 -3.17	27.90 1.61 -6.71	62.04 4.17 0.00	26.71 1.89 0.00	25.06 1.81 0.00	25.59 1.70 0.00	24.29 1.60 0.00	24.41 1.54 0.00	21.38 1.29 0.00	21.42 1.21 0.00
NARROWS_GT1_8 24235	19.40 0.96 0.00	17.29 0.79 0.00	16.81 0.69 0.00	15.93 0.65 0.00	15.42 0.63 0.00	14.80 0.64 0.00	17.79 0.76 0.00	21.07 1.04 0.00	20.21 1.11 0.00	21.63 1.32 0.00	22.12 1.39 0.00	22.66 1.50 0.00	23.75 1.78 0.00	22.80 1.74 0.00	25.05 1.68 -3.17	27.90 1.61 -6.71	62.04 4.17 0.00	26.71 1.89 0.00	25.06 1.81 0.00	25.59 1.70 0.00	24.29 1.60 0.00	24.41 1.54 0.00	21.38 1.29 0.00	21.42 1.21 0.00
NARROWS_GT2_1 24236	19.40 0.96 0.00	17.29 0.79 0.00	16.81 0.69 0.00	15.93 0.65 0.00	15.42 0.63 0.00	14.80 0.64 0.00	17.79 0.76 0.00	21.07 1.04 0.00	20.21 1.11 0.00	21.63 1.32 0.00	22.12 1.39 0.00	22.66 1.50 0.00	23.75 1.78 0.00	22.80 1.74 0.00	25.05 1.68 -3.17	27.90 1.61 -6.71	62.04 4.17 0.00	26.71 1.89 0.00	25.06 1.81 0.00	25.59 1.70 0.00	24.29 1.60 0.00	24.41 1.54 0.00	21.38 1.29 0.00	21.42 1.21 0.00
NARROWS_GT2_2 24237	19.40 0.96 0.00	17.29 0.79 0.00	16.81 0.69 0.00	15.93 0.65 0.00	15.42 0.63 0.00	14.80 0.64 0.00	17.79 0.76 0.00	21.07 1.04 0.00	20.21 1.11 0.00	21.63 1.32 0.00	22.12 1.39 0.00	22.66 1.50 0.00	23.75 1.78 0.00	22.80 1.74 0.00	25.05 1.68 -3.17	27.90 1.61 -6.71	62.04 4.17 0.00	26.71 1.89 0.00	25.06 1.81 0.00	25.59 1.70 0.00	24.29 1.60 0.00	24.41 1.54 0.00	21.38 1.29 0.00	21.42 1.21 0.00
NARROWS_GT2_3 24238	19.40 0.96 0.00	17.29 0.79 0.00	16.81 0.69 0.00	15.93 0.65 0.00	15.42 0.63 0.00	14.80 0.64 0.00	17.79 0.76 0.00	21.07 1.04 0.00	20.21 1.11 0.00	21.63 1.32 0.00	22.12 1.39 0.00	22.66 1.50 0.00	23.75 1.78 0.00	22.80 1.74 0.00	25.05 1.68 -3.17	27.90 1.61 -6.71	62.04 4.17 0.00	26.71 1.89 0.00	25.06 1.81 0.00	25.59 1.70 0.00	24.29 1.60 0.00	24.41 1.54 0.00	21.38 1.29 0.00	21.42 1.21 0.00
NARROWS_GT2_4 24239	19.40 0.96 0.00	17.29 0.79 0.00	16.81 0.69 0.00	15.93 0.65 0.00	15.42 0.63 0.00	14.80 0.64 0.00	17.79 0.76 0.00	21.07 1.04 0.00	20.21 1.11 0.00	21.63 1.32 0.00	22.12 1.39 0.00	22.66 1.50 0.00	23.75 1.78 0.00	22.80 1.74 0.00	25.05 1.68 -3.17	27.90 1.61 -6.71	62.04 4.17 0.00	26.71 1.89 0.00	25.06 1.81 0.00	25.59 1.70 0.00	24.29 1.60 0.00	24.41 1.54 0.00	21.38 1.29 0.00	21.42 1.21 0.00

NARROWS_GT2_5 24240	19.40 0.96 0.00	17.29 0.79 0.00	16.81 0.69 0.00	15.93 0.65 0.00	15.42 0.63 0.00	14.80 0.64 0.00	17.79 0.76 0.00	21.07 1.04 0.00	20.21 1.11 0.00	21.63 1.32 0.00	22.12 1.39 0.00	22.66 1.50 0.00	23.75 1.78 0.00	22.80 1.74 0.00	25.05 1.68 -3.17	27.90 1.61 -6.71	62.04 4.17 0.00	26.71 1.89 0.00	25.06 1.81 0.00	25.59 1.70 0.00	24.29 1.60 0.00	24.41 1.54 0.00	21.38 1.29 0.00	21.42 1.21 0.00
NARROWS_GT2_6 24241	19.40 0.96 0.00	17.29 0.79 0.00	16.81 0.69 0.00	15.93 0.65 0.00	15.42 0.63 0.00	14.80 0.64 0.00	17.79 0.76 0.00	21.07 1.04 0.00	20.21 1.11 0.00	21.63 1.32 0.00	22.12 1.39 0.00	22.66 1.50 0.00	23.75 1.78 0.00	22.80 1.74 0.00	25.05 1.68 -3.17	27.90 1.61 -6.71	62.04 4.17 0.00	26.71 1.89 0.00	25.06 1.81 0.00	25.59 1.70 0.00	24.29 1.60 0.00	24.41 1.54 0.00	21.38 1.29 0.00	21.42 1.21 0.00
NARROWS_GT2_7 24242	19.40 0.96 0.00	17.29 0.79 0.00	16.81 0.69 0.00	15.93 0.65 0.00	15.42 0.63 0.00	14.80 0.64 0.00	17.79 0.76 0.00	21.07 1.04 0.00	20.21 1.11 0.00	21.63 1.32 0.00	22.12 1.39 0.00	22.66 1.50 0.00	23.75 1.78 0.00	22.80 1.74 0.00	25.05 1.68 -3.17	27.90 1.61 -6.71	62.04 4.17 0.00	26.71 1.89 0.00	25.06 1.81 0.00	25.59 1.70 0.00	24.29 1.60 0.00	24.41 1.54 0.00	21.38 1.29 0.00	21.42 1.21 0.00
NARROWS_GT2_8 24243	19.40 0.96 0.00	17.29 0.79 0.00	16.81 0.69 0.00	15.93 0.65 0.00	15.42 0.63 0.00	14.80 0.64 0.00	17.79 0.76 0.00	21.07 1.04 0.00	20.21 1.11 0.00	21.63 1.32 0.00	22.12 1.39 0.00	22.66 1.50 0.00	23.75 1.78 0.00	22.80 1.74 0.00	25.05 1.68 -3.17	27.90 1.61 -6.71	62.04 4.17 0.00	26.71 1.89 0.00	25.06 1.81 0.00	25.59 1.70 0.00	24.29 1.60 0.00	24.41 1.54 0.00	21.38 1.29 0.00	21.42 1.21 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	19.29 0.86 0.00	17.31 0.82 0.00	16.90 0.78 0.00	16.03 0.75 0.00	15.52 0.72 0.00	14.83 0.67 0.00	17.78 0.75 0.00	20.89 0.86 0.00	19.93 0.84 0.00	21.12 0.81 0.00	21.52 0.79 0.00	21.95 0.79 0.00	22.99 1.02 0.00	22.14 1.08 0.00	21.71 1.00 -0.51	21.68 1.00 -1.09	60.47 2.60 0.00	25.93 1.12 0.00	24.45 1.20 0.00	25.12 1.23 0.00	23.88 1.19 0.00	24.02 1.14 0.00	21.05 0.96 0.00	21.11 0.90 0.00
NCHELSEA_115KV_TR2 355582	19.38 0.94 0.00	17.28 0.78 0.00	16.81 0.69 0.00	15.91 0.63 0.00	15.37 0.58 0.00	14.73 0.57 0.00	17.73 0.70 0.00	20.99 0.96 0.00	19.99 0.90 0.00	21.37 1.05 0.00	21.82 1.09 0.00	22.37 1.21 0.00	23.33 1.36 0.00	22.37 1.30 0.00	22.25 1.26 -0.78	22.43 1.19 -1.66	60.99 3.12 0.00	26.22 1.40 0.00	24.56 1.32 0.00	25.24 1.36 0.00	24.18 1.49 0.00	24.33 1.46 0.00	21.31 1.22 0.00	21.37 1.15 0.00
NEG CAPITAL___MECHNVIL 23645	19.48 1.04 0.00	17.41 0.91 0.00	16.97 0.85 0.00	16.08 0.80 0.00	15.57 0.78 0.00	14.93 0.77 0.00	17.97 0.95 0.00	21.21 1.18 0.00	20.22 1.12 0.00	21.51 1.19 0.00	21.93 1.20 0.00	22.42 1.26 0.00	23.41 1.44 0.00	22.45 1.38 0.00	22.30 1.33 -0.76	22.48 1.26 -1.63	61.46 3.59 0.00	26.37 1.55 0.00	24.72 1.47 0.00	25.35 1.47 0.00	24.12 1.43 0.00	24.22 1.35 0.00	21.33 1.25 0.00	21.43 1.22 0.00
NEG CENTRAL_HIGH_ACRES 23767	18.02 -0.41 0.00	16.15 -0.35 0.00	15.75 -0.37 0.00	14.93 -0.35 0.00	14.48 -0.32 0.00	13.97 -0.19 0.00	16.81 -0.21 0.00	19.73 -0.31 0.00	18.88 -0.21 0.00	20.12 -0.20 0.00	20.53 -0.20 0.00	20.85 -0.31 0.00	21.60 -0.37 0.00	20.65 -0.41 0.00	19.78 -0.42 0.00	19.15 -0.43 0.00	25.14 -1.19 31.54	24.12 -0.70 0.00	22.55 -0.70 0.00	23.25 -0.63 0.00	22.09 -0.60 0.00	22.27 -0.60 0.00	19.52 -0.57 0.00	19.84 -0.38 0.00
NEG CENTRAL___DRP 24199	18.44 0.00 0.00	16.53 0.03 0.00	16.12 0.00 0.00	15.30 0.03 0.00	14.85 0.05 0.00	14.29 0.13 0.00	17.23 0.20 0.00	20.27 0.24 0.00	19.34 0.25 0.00	20.62 0.30 0.00	21.01 0.28 0.00	21.41 0.25 0.00	22.22 0.25 0.00	21.22 0.16 0.00	20.24 0.03 0.00	19.59 0.01 0.00	43.39 0.15 14.64	24.74 -0.07 0.00	23.20 -0.05 0.00	23.89 0.01 0.00	22.70 0.01 0.00	22.88 0.00 0.00	20.02 -0.06 0.00	20.28 0.07 0.00
NEG CENTRAL___INDECK 23768	18.78 0.34 0.00	16.86 0.37 0.00	16.42 0.30 0.00	15.59 0.31 0.00	15.14 0.35 0.00	14.65 0.49 0.00	17.66 0.63 0.00	20.71 0.68 0.00	19.84 0.75 0.00	21.15 0.83 0.00	21.56 0.83 0.00	21.80 0.64 0.00	22.45 0.49 0.00	21.30 0.24 0.00	20.25 0.04 0.00	19.55 -0.04 0.00	24.43 0.29 33.74	24.63 -0.19 0.00	23.22 -0.03 0.00	24.13 0.25 0.00	22.97 0.29 0.00	23.18 0.31 0.00	20.32 0.23 0.00	20.84 0.62 0.00
NEG CENTRAL___SENECA 23627	18.46 0.03 0.00	16.56 0.06 0.00	16.13 0.01 0.00	15.32 0.04 0.00	14.87 0.08 0.00	14.33 0.17 0.00	17.28 0.25 0.00	20.35 0.32 0.00	19.45 0.35 0.00	20.75 0.43 0.00	21.16 0.43 0.00	21.57 0.41 0.00	22.39 0.43 0.00	21.33 0.27 0.00	20.30 0.09 0.00	19.63 0.05 0.00	31.86 0.37 26.38	24.77 -0.05 0.00	23.24 -0.01 0.00	23.96 0.08 0.00	22.76 0.07 0.00	22.94 0.06 0.00	20.07 -0.02 0.00	20.39 0.18 0.00
NEG CENTRAL___STATE_STREET 24147	18.63 0.19 0.00	16.70 0.20 0.00	16.33 0.21 0.00	15.51 0.23 0.00	15.04 0.24 0.00	14.46 0.30 0.00	17.40 0.37 0.00	20.47 0.44 0.00	19.47 0.38 0.00	20.76 0.44 0.00	21.10 0.37 0.00	21.40 0.24 0.00	22.19 0.22 0.00	21.32 0.26 0.00	20.40 0.19 0.00	19.83 0.25 0.00	58.66 0.78 0.00	25.10 0.28 0.00	23.55 0.30 0.00	24.18 0.29 0.00	22.99 0.30 0.00	23.15 0.28 0.00	20.29 0.20 0.00	20.43 0.22 0.00
NEG MILLWOOD___DRP 24198	19.40 0.96 0.00	17.31 0.81 0.00	16.84 0.72 0.00	15.94 0.67 0.00	15.43 0.63 0.00	14.80 0.64 0.00	17.81 0.79 0.00	21.09 1.06 0.00	20.15 1.06 0.00	21.55 1.24 0.00	22.02 1.29 0.00	22.57 1.40 0.00	23.59 1.62 0.00	22.65 1.59 0.00	23.52 1.54 -1.78	24.80 1.45 -3.76	61.75 3.87 0.00	26.55 1.73 0.00	24.87 1.63 0.00	25.49 1.61 0.00	24.27 1.58 0.00	24.40 1.53 0.00	21.36 1.27 0.00	21.41 1.19 0.00
NEG NORTH_FLCN_SEA 23793	19.23 0.79 0.00	17.16 0.66 0.00	16.73 0.61 0.00	15.82 0.54 0.00	15.26 0.46 0.00	14.56 0.40 0.00	17.56 0.53 0.00	20.55 0.52 0.00	19.39 0.30 0.00	20.61 0.30 0.00	20.92 0.18 0.00	21.29 0.13 0.00	22.10 0.13 0.00	21.16 0.10 0.00	20.29 0.09 0.00	20.03 0.44 0.00	60.32 2.44 0.00	25.91 1.10 0.00	24.19 0.95 0.00	24.69 0.80 0.00	23.31 0.62 0.00	23.72 0.85 0.00	20.95 0.86 0.00	21.07 0.86 0.00
NEG NORTH_KES_CHATEGAY 23792	19.01 0.58 0.00	16.99 0.49 0.00	16.58 0.46 0.00	15.68 0.40 0.00	15.16 0.36 0.00	14.48 0.32 0.00	17.46 0.44 0.00	20.45 0.41 0.00	19.32 0.23 0.00	20.55 0.24 0.00	20.88 0.15 0.00	21.25 0.09 0.00	22.01 0.04 0.00	21.08 0.01 0.00	20.24 0.04 0.00	19.90 0.31 0.00	59.46 1.58 0.00	25.51 0.69 0.00	23.80 0.55 0.00	24.30 0.42 0.00	22.96 0.27 0.00	23.39 0.52 0.00	20.66 0.57 0.00	20.77 0.56 0.00



NEG NORTH___ALICE_FALLS 23915	19.24 0.80 0.00	17.18 0.68 0.00	16.75 0.63 0.00	15.83 0.55 0.00	15.29 0.50 0.00	14.61 0.45 0.00	17.63 0.61 0.00	20.64 0.61 0.00	19.46 0.37 0.00	20.69 0.38 0.00	21.00 0.27 0.00	21.39 0.22 0.00	22.20 0.23 0.00	21.27 0.20 0.00	20.38 0.18 0.00	20.12 0.53 0.00	60.39 2.52 0.00	25.95 1.14 0.00	24.24 0.99 0.00	24.73 0.85 0.00	23.35 0.66 0.00	23.76 0.89 0.00	20.97 0.88 0.00	21.07 0.87 0.00
NEG NORTH___LWR_SARANAC 23913	19.24 0.80 0.00	17.18 0.68 0.00	16.75 0.63 0.00	15.83 0.55 0.00	15.29 0.50 0.00	14.61 0.45 0.00	17.63 0.61 0.00	20.64 0.61 0.00	19.46 0.37 0.00	20.69 0.38 0.00	21.00 0.27 0.00	21.39 0.22 0.00	22.20 0.23 0.00	21.27 0.20 0.00	20.38 0.18 0.00	20.12 0.53 0.00	60.39 2.52 0.00	25.95 1.14 0.00	24.24 0.99 0.00	24.73 0.85 0.00	23.35 0.66 0.00	23.76 0.89 0.00	20.97 0.88 0.00	21.07 0.87 0.00
NEG NORTH___PLATTSBURG 23628	19.24 0.81 0.00	17.18 0.68 0.00	16.75 0.63 0.00	15.83 0.55 0.00	15.29 0.50 0.00	14.61 0.45 0.00	17.63 0.61 0.00	20.64 0.61 0.00	19.46 0.37 0.00	20.69 0.37 0.00	21.00 0.27 0.00	21.39 0.22 0.00	22.20 0.24 0.00	21.26 0.20 0.00	20.38 0.17 0.00	20.12 0.53 0.00	60.39 2.51 0.00	25.95 1.14 0.00	24.24 0.99 0.00	24.73 0.85 0.00	23.35 0.66 0.00	23.76 0.89 0.00	20.97 0.88 0.00	21.08 0.87 0.00
NEG WEST_LEA_LOCKPORT 23791	18.15 -0.29 0.00	16.32 -0.17 0.00	15.90 -0.22 0.00	15.09 -0.18 0.00	14.63 -0.16 0.00	14.17 0.01 0.00	16.99 -0.04 0.00	19.75 -0.28 0.00	18.97 -0.12 0.00	20.21 -0.10 0.00	20.63 -0.10 0.00	20.85 -0.31 0.00	21.55 -0.42 0.00	20.55 -0.52 0.00	19.67 -0.53 0.00	19.00 -0.58 0.00	16.66 -1.45 39.77	23.86 -0.95 0.00	22.24 -1.01 0.00	23.09 -0.79 0.00	21.92 -0.77 0.00	22.16 -0.72 0.00	19.53 -0.57 0.00	20.16 -0.05 0.00
NEG WEST___LANCASTR 23811	18.23 -0.21 0.00	16.41 -0.08 0.00	15.98 -0.14 0.00	15.18 -0.10 0.00	14.72 -0.07 0.00	14.23 0.07 0.00	17.08 0.06 0.00	20.01 -0.02 0.00	19.19 0.10 0.00	20.49 0.17 0.00	20.90 0.17 0.00	21.15 -0.01 0.00	21.92 -0.04 0.00	20.92 -0.14 0.00	20.01 -0.20 0.00	19.30 -0.28 0.00	22.22 -0.61 35.04	24.22 -0.60 0.00	22.62 -0.63 0.00	23.46 -0.43 0.00	22.26 -0.43 0.00	22.51 -0.37 0.00	19.78 -0.31 0.00	20.36 0.16 0.00
NEG_PENN_ALLEGHNY 23528	18.54 0.10 0.00	16.63 0.13 0.00	16.20 0.07 0.00	15.37 0.09 0.00	14.90 0.11 0.00	14.32 0.16 0.00	17.24 0.21 0.00	20.33 0.30 0.00	19.41 0.31 0.00	20.71 0.39 0.00	21.14 0.41 0.00	21.56 0.40 0.00	22.43 0.46 0.00	21.48 0.41 0.00	20.54 0.33 0.00	19.85 0.26 0.00	47.31 0.82 11.38	25.03 0.21 0.00	23.47 0.23 0.00	24.18 0.29 0.00	22.95 0.26 0.00	23.15 0.27 0.00	20.26 0.17 0.00	20.52 0.31 0.00
NEG___GEN_MONROE 24207	18.44 0.00 0.00	16.56 0.07 0.00	16.15 0.04 0.00	15.35 0.07 0.00	14.88 0.09 0.00	14.37 0.21 0.00	17.31 0.28 0.00	20.24 0.20 0.00	19.37 0.28 0.00	20.64 0.32 0.00	21.06 0.33 0.00	21.37 0.21 0.00	22.09 0.12 0.00	21.10 0.04 0.00	20.16 -0.04 0.00	19.48 -0.10 0.00	14.59 -0.13 43.16	24.51 -0.31 0.00	22.88 -0.36 0.00	23.66 -0.22 0.00	22.47 -0.23 0.00	22.68 -0.19 0.00	19.91 -0.18 0.00	20.36 0.15 0.00
NEPA___ENERGY 23901	18.18 -0.26 0.00	16.41 -0.08 0.00	15.97 -0.15 0.00	15.23 -0.05 0.00	14.80 0.01 0.00	14.29 0.13 0.00	17.17 0.14 0.00	20.24 0.21 0.00	19.35 0.26 0.00	20.73 0.41 0.00	21.13 0.39 0.00	21.36 0.20 0.00	22.25 0.28 0.00	21.30 0.24 0.00	20.33 0.12 0.00	19.49 -0.10 0.00	23.67 0.10 34.31	24.37 -0.45 0.00	22.79 -0.46 0.00	23.65 -0.23 0.00	22.44 -0.26 0.00	22.74 -0.13 0.00	19.93 -0.16 0.00	20.52 0.31 0.00
NEVERSINK___HYD 23608	18.84 0.40 0.00	16.80 0.30 0.00	16.34 0.22 0.00	15.47 0.19 0.00	14.98 0.19 0.00	14.37 0.21 0.00	17.31 0.28 0.00	20.49 0.46 0.00	19.57 0.48 0.00	20.96 0.64 0.00	21.36 0.63 0.00	21.94 0.78 0.00	22.94 0.97 0.00	21.99 0.93 0.00	20.40 0.89 0.70	18.92 0.82 1.49	60.03 2.16 0.00	25.73 0.92 0.00	24.16 0.92 0.00	24.78 0.90 0.00	23.61 0.92 0.00	23.74 0.87 0.00	20.78 0.69 0.00	20.82 0.61 0.00
NEWKRMKL_115KV_TB1 55635	18.84 0.41 0.00	16.93 0.43 0.00	16.52 0.40 0.00	15.67 0.39 0.00	15.16 0.37 0.00	14.47 0.31 0.00	17.34 0.32 0.00	20.42 0.39 0.00	19.48 0.39 0.00	20.74 0.42 0.00	21.16 0.42 0.00	21.65 0.48 0.00	22.59 0.62 0.00	21.68 0.61 0.00	21.57 0.61 -0.75	21.77 0.58 -1.61	59.32 1.45 0.00	25.45 0.63 0.00	23.86 0.62 0.00	24.49 0.61 0.00	23.28 0.59 0.00	23.41 0.54 0.00	20.54 0.45 0.00	20.62 0.40 0.00
NEWTON___FALLS_HYD 23847	18.84 0.41 0.00	16.84 0.35 0.00	16.43 0.31 0.00	15.57 0.29 0.00	15.08 0.29 0.00	14.46 0.30 0.00	17.48 0.45 0.00	20.57 0.54 0.00	19.42 0.33 0.00	20.61 0.29 0.00	21.03 0.30 0.00	21.43 0.27 0.00	22.10 0.14 0.00	21.17 0.10 0.00	20.30 0.09 0.00	19.82 0.23 0.00	58.64 0.77 0.00	25.21 0.40 0.00	23.65 0.40 0.00	24.25 0.36 0.00	22.96 0.27 0.00	23.24 0.36 0.00	20.39 0.29 0.00	20.50 0.29 0.00
NGRID_A1_DSASP 323792	17.63 -0.81 0.00	15.91 -0.58 0.00	15.50 -0.62 0.00	14.71 -0.57 0.00	14.25 -0.54 0.00	13.80 -0.35 0.00	16.55 -0.48 0.00	19.21 -0.82 0.00	18.46 -0.63 0.00	19.67 -0.65 0.00	20.05 -0.68 0.00	20.25 -0.91 0.00	20.90 -1.06 0.00	19.97 -1.10 0.00	19.17 -1.03 0.00	18.51 -1.07 0.00	14.31 -3.42 40.14	23.24 -1.57 0.00	21.63 -1.61 0.00	22.46 -1.42 0.00	21.31 -1.38 0.00	21.54 -1.33 0.00	19.02 -1.07 0.00	19.66 -0.55 0.00
NGRID_A2_DSASP 323793	17.63 -0.81 0.00	15.91 -0.58 0.00	15.50 -0.62 0.00	14.71 -0.57 0.00	14.25 -0.54 0.00	13.80 -0.35 0.00	16.55 -0.48 0.00	19.21 -0.82 0.00	18.46 -0.63 0.00	19.67 -0.65 0.00	20.05 -0.68 0.00	20.25 -0.91 0.00	20.90 -1.06 0.00	19.97 -1.10 0.00	19.17 -1.03 0.00	18.51 -1.07 0.00	14.31 -3.42 40.14	23.24 -1.57 0.00	21.63 -1.61 0.00	22.46 -1.42 0.00	21.31 -1.38 0.00	21.54 -1.33 0.00	19.02 -1.07 0.00	19.66 -0.55 0.00
NGRID_A4_DSASP 323807	17.63 -0.81 0.00	15.91 -0.58 0.00	15.50 -0.62 0.00	14.71 -0.57 0.00	14.25 -0.54 0.00	13.80 -0.35 0.00	16.55 -0.48 0.00	19.21 -0.82 0.00	18.47 -0.62 0.00	19.66 -0.66 0.00	20.04 -0.69 0.00	20.25 -0.91 0.00	20.91 -1.06 0.00	19.96 -1.10 0.00	19.14 -1.06 0.00	18.49 -1.10 0.00	14.28 -3.46 40.14	23.24 -1.58 0.00	21.63 -1.62 0.00	22.46 -1.42 0.00	21.31 -1.38 0.00	21.54 -1.33 0.00	19.02 -1.07 0.00	19.66 -0.54 0.00
NIAGARA_115E_LBMP 323715	17.87 -0.57 0.00	16.07 -0.43 0.00	15.66 -0.47 0.00	14.86 -0.42 0.00	14.40 -0.40 0.00	13.95 -0.21 0.00	16.70 -0.33 0.00	19.33 -0.70 0.00	18.54 -0.55 0.00	19.76 -0.56 0.00	20.16 -0.58 0.00	20.36 -0.80 0.00	21.03 -0.94 0.00	20.07 -0.99 0.00	19.27 -0.94 0.00	18.61 -0.98 0.00	15.95 -2.65 39.27	23.34 -1.47 0.00	21.74 -1.51 0.00	22.57 -1.31 0.00	21.42 -1.27 0.00	21.66 -1.22 0.00	19.12 -0.98 0.00	19.76 -0.45 0.00

NIAGARA_115W_LBMP 323714	17.57 -0.86 0.00	15.86 -0.63 0.00	15.46 -0.66 0.00	14.66 -0.61 0.00	14.21 -0.59 0.00	13.76 -0.40 0.00	16.50 -0.53 0.00	19.15 -0.88 0.00	18.40 -0.69 0.00	19.60 -0.72 0.00	19.98 -0.75 0.00	20.17 -0.99 0.00	20.82 -1.14 0.00	19.90 -1.17 0.00	19.11 -1.10 0.00	18.45 -1.13 0.00	14.06 -3.67 40.14	23.17 -1.65 0.00	21.56 -1.68 0.00	22.38 -1.50 0.00	21.23 -1.45 0.00	21.47 -1.40 0.00	18.96 -1.13 0.00	19.60 -0.61 0.00
NIAGARA_230_LBMP 323716	17.95 -0.49 0.00	16.15 -0.35 0.00	15.73 -0.39 0.00	14.93 -0.35 0.00	14.47 -0.33 0.00	14.00 -0.16 0.00	16.77 -0.26 0.00	19.50 -0.53 0.00	18.73 -0.37 0.00	19.97 -0.35 0.00	20.37 -0.36 0.00	20.59 -0.57 0.00	21.28 -0.68 0.00	20.32 -0.74 0.00	19.50 -0.71 0.00	18.83 -0.76 0.00	15.80 -1.93 40.14	23.59 -1.22 0.00	21.99 -1.26 0.00	22.82 -1.06 0.00	21.67 -1.02 0.00	21.90 -0.98 0.00	19.31 -0.78 0.00	19.93 -0.28 0.00
NIAGARA__115KV_198_GIBSON 55903	17.56 -0.87 0.00	15.87 -0.63 0.00	15.46 -0.66 0.00	14.67 -0.61 0.00	14.21 -0.59 0.00	13.76 -0.40 0.00	16.50 -0.53 0.00	19.14 -0.88 0.00	18.41 -0.68 0.00	19.59 -0.73 0.00	19.97 -0.76 0.00	20.17 -0.99 0.00	20.83 -1.14 0.00	19.89 -1.17 0.00	19.07 -1.13 0.00	18.42 -1.16 0.00	14.03 -3.71 40.14	23.17 -1.65 0.00	21.56 -1.68 0.00	22.39 -1.50 0.00	21.23 -1.46 0.00	21.47 -1.40 0.00	18.96 -1.13 0.00	19.60 -0.61 0.00
NIAGARA____ 23760	17.79 -0.65 0.00	16.03 -0.46 0.00	15.62 -0.50 0.00	14.82 -0.46 0.00	14.36 -0.44 0.00	13.91 -0.25 0.00	16.69 -0.34 0.00	19.39 -0.64 0.00	18.62 -0.47 0.00	19.85 -0.47 0.00	20.25 -0.49 0.00	20.45 -0.71 0.00	21.13 -0.84 0.00	20.17 -0.89 0.00	19.36 -0.85 0.00	18.69 -0.89 0.00	15.41 -2.62 39.84	23.46 -1.36 0.00	21.85 -1.40 0.00	22.68 -1.20 0.00	21.53 -1.16 0.00	21.76 -1.11 0.00	19.19 -0.90 0.00	19.80 -0.41 0.00
NINE_MILE_1 23575	17.95 -0.48 0.00	16.07 -0.42 0.00	15.69 -0.43 0.00	14.88 -0.40 0.00	14.41 -0.38 0.00	13.83 -0.33 0.00	16.61 -0.42 0.00	19.51 -0.52 0.00	18.59 -0.50 0.00	19.74 -0.58 0.00	20.14 -0.60 0.00	20.54 -0.62 0.00	21.32 -0.65 0.00	20.43 -0.64 0.00	19.58 -0.63 0.00	18.96 -0.62 0.00	-245.81 -1.99 301.69	23.94 -0.88 0.00	22.43 -0.82 0.00	23.07 -0.81 0.00	21.92 -0.76 0.00	22.10 -0.77 0.00	19.37 -0.72 0.00	19.54 -0.67 0.00
NINE_MILE_2 23744	17.96 -0.48 0.00	16.08 -0.42 0.00	15.69 -0.43 0.00	14.88 -0.40 0.00	14.41 -0.38 0.00	13.83 -0.33 0.00	16.61 -0.41 0.00	19.51 -0.52 0.00	18.59 -0.50 0.00	19.74 -0.58 0.00	20.14 -0.60 0.00	20.54 -0.62 0.00	21.32 -0.65 0.00	20.43 -0.64 0.00	19.58 -0.63 0.00	18.96 -0.62 0.00	-249.72 -1.99 305.60	23.94 -0.88 0.00	22.43 -0.82 0.00	23.07 -0.81 0.00	21.93 -0.76 0.00	22.10 -0.77 0.00	19.38 -0.71 0.00	19.54 -0.67 0.00
NM_CAPITAL____DRP 24208	18.90 0.46 0.00	16.97 0.47 0.00	16.56 0.44 0.00	15.70 0.42 0.00	15.19 0.40 0.00	14.51 0.35 0.00	17.38 0.36 0.00	20.47 0.44 0.00	19.52 0.43 0.00	20.79 0.47 0.00	21.20 0.47 0.00	21.68 0.52 0.00	22.62 0.66 0.00	21.71 0.64 0.00	21.63 0.65 -0.77	21.86 0.63 -1.65	59.45 1.58 0.00	25.51 0.70 0.00	23.91 0.67 0.00	24.56 0.67 0.00	23.33 0.64 0.00	23.46 0.59 0.00	20.59 0.50 0.00	20.68 0.46 0.00
NM_CENTRAL____DRP 24181	18.28 -0.15 0.00	16.37 -0.13 0.00	15.97 -0.15 0.00	15.14 -0.14 0.00	14.67 -0.12 0.00	14.09 -0.07 0.00	16.92 -0.10 0.00	19.91 -0.12 0.00	18.99 -0.10 0.00	20.18 -0.14 0.00	20.59 -0.14 0.00	21.00 -0.16 0.00	21.81 -0.15 0.00	20.89 -0.18 0.00	20.01 -0.20 0.00	19.37 -0.21 0.00	39.68 -0.71 17.49	24.46 -0.36 0.00	22.92 -0.33 0.00	23.59 -0.29 0.00	22.43 -0.26 0.00	22.58 -0.29 0.00	19.77 -0.31 0.00	19.96 -0.25 0.00
NM_FRONTIER____DRP 24179	17.56 -0.87 0.00	15.87 -0.63 0.00	15.46 -0.66 0.00	14.67 -0.61 0.00	14.21 -0.59 0.00	13.76 -0.40 0.00	16.50 -0.53 0.00	19.14 -0.88 0.00	18.41 -0.68 0.00	19.59 -0.73 0.00	19.97 -0.76 0.00	20.17 -0.99 0.00	20.83 -1.14 0.00	19.89 -1.17 0.00	19.07 -1.13 0.00	18.42 -1.16 0.00	14.03 -3.71 40.14	23.17 -1.65 0.00	21.56 -1.68 0.00	22.39 -1.50 0.00	21.23 -1.46 0.00	21.47 -1.40 0.00	18.96 -1.13 0.00	19.60 -0.61 0.00
NM_ST_REGIS____HYD 24053	18.84 0.40 0.00	16.82 0.33 0.00	16.45 0.33 0.00	15.57 0.30 0.00	15.08 0.28 0.00	14.42 0.26 0.00	17.43 0.40 0.00	20.46 0.43 0.00	19.20 0.11 0.00	20.41 0.10 0.00	20.81 0.07 0.00	21.20 0.04 0.00	21.90 -0.07 0.00	20.98 -0.08 0.00	20.12 -0.09 0.00	19.76 0.18 0.00	58.60 0.73 0.00	25.16 0.35 0.00	23.52 0.27 0.00	24.10 0.22 0.00	22.82 0.13 0.00	23.14 0.27 0.00	20.36 0.28 0.00	20.45 0.24 0.00
NORTHPORT____1 23551	19.17 0.73 0.00	17.11 0.62 0.00	16.73 0.60 0.00	15.95 0.67 0.00	15.53 0.73 0.00	15.18 0.76 -0.26	20.49 0.93 -2.54	21.06 1.03 0.00	19.92 0.83 0.00	21.95 1.02 -0.61	33.05 1.23 -11.09	109.67 1.30 -87.21	195.80 1.56 -172.27	118.49 1.44 -95.99	46.48 1.49 -24.78	70.60 1.48 -49.54	69.13 3.62 -7.64	36.62 1.71 -10.09	47.25 1.57 -22.43	26.18 1.47 -0.82	24.03 1.34 0.00	24.19 1.32 0.00	21.31 1.22 0.00	20.89 1.14 0.46
NORTHPORT____2 23552	19.17 0.73 0.00	17.11 0.62 0.00	16.73 0.60 0.00	15.95 0.67 0.00	15.53 0.73 0.00	15.18 0.76 -0.26	20.49 0.93 -2.54	21.06 1.03 0.00	19.92 0.83 0.00	21.95 1.02 -0.61	33.05 1.23 -11.09	109.67 1.30 -87.21	195.80 1.56 -172.27	118.49 1.44 -95.99	46.48 1.49 -24.78	70.60 1.48 -49.54	69.13 3.62 -7.64	36.62 1.71 -10.09	47.25 1.57 -22.43	26.18 1.47 -0.82	24.03 1.34 0.00	24.19 1.32 0.00	21.31 1.22 0.00	20.89 1.14 0.46
NORTHPORT____3 23553	19.11 0.68 0.00	17.13 0.63 0.00	16.74 0.61 0.00	15.93 0.65 0.00	15.51 0.72 0.00	15.16 0.74 -0.26	20.47 0.90 -2.54	21.02 0.99 0.00	19.88 0.79 0.00	21.91 0.98 -0.61	33.01 1.18 -11.09	109.63 1.26 -87.21	195.78 1.54 -172.27	118.50 1.45 -95.99	46.46 1.48 -24.78	70.57 1.44 -49.54	69.03 3.52 -7.64	36.56 1.66 -10.09	47.22 1.54 -22.43	26.16 1.45 -0.82	24.02 1.33 0.00	24.16 1.29 0.00	21.26 1.17 0.00	20.84 1.09 0.47
NORTHPORT____4 23650	19.11 0.68 0.00	17.13 0.63 0.00	16.74 0.61 0.00	15.93 0.65 0.00	15.51 0.72 0.00	15.16 0.74 -0.26	20.47 0.90 -2.54	21.02 0.99 0.00	19.88 0.79 0.00	21.91 0.98 -0.61	33.01 1.18 -11.09	109.63 1.26 -87.21	195.78 1.54 -172.27	118.50 1.45 -95.99	46.46 1.48 -24.78	70.57 1.44 -49.54	69.03 3.52 -7.64	36.56 1.66 -10.09	47.22 1.54 -22.43	26.16 1.45 -0.82	24.02 1.33 0.00	24.16 1.29 0.00	21.26 1.17 0.00	20.84 1.09 0.47
NORTHPORT____IC 23718	19.17 0.73 0.00	17.11 0.62 0.00	16.73 0.60 0.00	15.95 0.67 0.00	15.53 0.73 0.00	15.18 0.76 -0.26	20.49 0.93 -2.54	21.06 1.03 0.00	19.92 0.83 0.00	21.95 1.02 -0.61	33.05 1.23 -11.09	109.67 1.30 -87.21	195.80 1.56 -172.27	118.49 1.44 -95.99	46.48 1.49 -24.78	70.60 1.48 -49.54	69.13 3.62 -7.64	36.62 1.71 -10.09	47.25 1.57 -22.43	26.18 1.47 -0.82	24.03 1.34 0.00	24.19 1.32 0.00	21.31 1.22 0.00	20.89 1.14 0.46

NORTH____COUNTRY_ESR 323785	18.97 0.53 0.00	16.95 0.46 0.00	16.55 0.43 0.00	15.66 0.38 0.00	15.13 0.34 0.00	14.45 0.29 0.00	17.43 0.40 0.00	20.41 0.38 0.00	19.29 0.20 0.00	20.52 0.20 0.00	20.86 0.12 0.00	21.23 0.07 0.00	21.99 0.02 0.00	21.06 0.00 0.00	20.21 0.00 0.00	19.87 0.29 0.00	59.36 1.48 0.00	25.46 0.65 0.00	23.77 0.52 0.00	24.27 0.39 0.00	22.94 0.25 0.00	23.36 0.48 0.00	20.63 0.54 0.00	20.73 0.52 0.00
NPX_GEN_1385_PROXY 323591	19.19 0.76 0.00	17.15 0.65 0.00	16.76 0.64 0.00	15.98 0.70 0.00	15.56 0.76 0.00	15.21 0.78 -0.26	20.53 0.96 -2.54	21.10 1.07 0.00	19.95 0.86 0.00	21.99 1.06 -0.61	33.09 1.27 -11.09	109.68 1.31 -87.21	195.80 1.57 -172.27	118.50 1.45 -95.99	46.50 1.52 -24.78	70.64 1.52 -49.54	69.24 3.73 -7.64	36.66 1.75 -10.09	47.29 1.61 -22.43	26.22 1.52 -0.82	24.07 1.39 0.00	24.23 1.36 0.00	21.35 1.26 0.00	20.93 1.18 0.46
NPX_GEN_CSC 323557	19.06 0.62 0.00	17.02 0.52 0.00	16.62 0.50 0.00	15.81 0.53 0.00	15.40 0.60 0.00	15.07 0.65 -0.26	20.36 0.79 -2.54	20.93 0.90 0.00	19.80 0.71 0.00	21.83 0.90 -0.61	32.89 1.07 -11.09	109.53 1.16 -87.21	195.61 1.38 -172.27	118.23 1.18 -95.99	46.30 1.31 -24.78	70.58 1.45 -49.54	69.05 3.54 -7.64	36.62 1.71 -10.09	47.17 1.50 -22.43	26.11 1.40 -0.82	23.91 1.22 0.00	24.03 1.16 0.00	21.22 1.13 0.00	20.77 0.97 0.41
NSINS_S_GLNS_FALLS 23858	19.57 1.13 0.00	17.47 0.97 0.00	17.02 0.90 0.00	16.14 0.86 0.00	15.64 0.84 0.00	15.02 0.86 0.00	18.12 1.09 0.00	21.39 1.36 0.00	20.37 1.28 0.00	21.64 1.33 0.00	22.06 1.33 0.00	22.49 1.33 0.00	23.52 1.56 0.00	22.54 1.48 0.00	22.35 1.41 -0.73	22.56 1.41 -1.57	61.88 4.00 0.00	26.52 1.71 0.00	24.91 1.66 0.00	25.42 1.54 0.00	24.27 1.58 0.00	24.30 1.43 0.00	21.65 1.56 0.00	21.78 1.58 0.00
NUCOR_STEEL____DRP 24197	18.51 0.07 0.00	16.57 0.07 0.00	16.21 0.09 0.00	15.39 0.11 0.00	14.91 0.12 0.00	14.34 0.18 0.00	17.25 0.22 0.00	20.30 0.27 0.00	19.30 0.20 0.00	20.58 0.27 0.00	20.92 0.18 0.00	21.32 0.16 0.00	22.14 0.17 0.00	21.28 0.22 0.00	20.27 0.06 0.00	19.70 0.11 0.00	58.24 0.36 0.00	24.93 0.12 0.00	23.39 0.14 0.00	24.00 0.12 0.00	22.82 0.13 0.00	22.98 0.10 0.00	20.15 0.06 0.00	20.26 0.05 0.00
NUMBER_THREE_WT_PWR 323818	18.95 0.51 0.00	16.93 0.43 0.00	16.50 0.38 0.00	15.64 0.36 0.00	15.16 0.36 0.00	14.55 0.39 0.00	17.58 0.55 0.00	20.73 0.70 0.00	19.70 0.61 0.00	20.91 0.59 0.00	21.37 0.64 0.00	21.79 0.62 0.00	22.50 0.53 0.00	21.54 0.48 0.00	20.65 0.44 0.00	20.02 0.43 0.00	59.20 1.32 0.00	25.48 0.66 0.00	23.95 0.70 0.00	24.56 0.67 0.00	23.25 0.56 0.00	23.50 0.63 0.00	20.59 0.50 0.00	20.70 0.49 0.00
NYISO_LBMP_REFERENCE 24008	18.44 0.00 0.00	16.50 0.00 0.00	16.12 0.00 0.00	15.28 0.00 0.00	14.79 0.00 0.00	14.16 0.00 0.00	17.03 0.00 0.00	20.03 0.00 0.00	19.09 0.00 0.00	20.32 0.00 0.00	20.73 0.00 0.00	21.16 0.00 0.00	21.97 0.00 0.00	21.06 0.00 0.00	20.20 0.00 0.00	19.58 0.00 0.00	57.88 0.00 0.00	24.81 0.00 0.00	23.25 0.00 0.00	23.88 0.00 0.00	22.69 0.00 0.00	22.88 0.00 0.00	20.09 0.00 0.00	20.21 0.00 0.00
NYPA_BRENTWD____GT 24164	19.40 0.96 0.00	17.32 0.82 0.00	16.91 0.79 0.00	16.10 0.82 0.00	15.67 0.88 0.00	15.32 0.90 -0.26	20.67 1.11 -2.54	21.30 1.27 0.00	20.17 1.08 0.00	22.22 1.29 -0.61	33.32 1.50 -11.09	109.97 1.60 -87.21	196.12 1.88 -172.27	118.72 1.67 -95.99	46.71 1.73 -24.78	70.87 1.74 -49.54	69.68 4.17 -7.64	36.84 1.93 -10.09	47.46 1.78 -22.43	26.38 1.68 -0.82	24.22 1.53 0.00	24.36 1.49 0.00	21.46 1.37 0.00	21.25 1.38 0.34
NYPA_GOWANUS____GT5 24156	19.40 0.96 0.00	17.29 0.79 0.00	16.81 0.69 0.00	15.93 0.65 0.00	15.42 0.63 0.00	14.80 0.64 0.00	17.79 0.76 0.00	21.07 1.04 0.00	20.21 1.11 0.00	21.63 1.32 0.00	22.12 1.39 0.00	22.66 1.50 0.00	23.75 1.78 0.00	22.80 1.74 0.00	25.05 1.68 -3.17	27.90 1.61 -6.71	62.04 4.17 0.00	26.70 1.88 0.00	25.06 1.81 0.00	25.59 1.70 0.00	24.29 1.60 0.00	24.41 1.54 0.00	21.38 1.29 0.00	21.42 1.21 0.00
NYPA_GOWANUS____GT6 24157	19.40 0.96 0.00	17.29 0.79 0.00	16.81 0.69 0.00	15.93 0.65 0.00	15.42 0.63 0.00	14.80 0.64 0.00	17.79 0.76 0.00	21.07 1.04 0.00	20.21 1.11 0.00	21.63 1.32 0.00	22.12 1.39 0.00	22.66 1.50 0.00	23.75 1.78 0.00	22.80 1.74 0.00	25.05 1.68 -3.17	27.90 1.61 -6.71	62.04 4.17 0.00	26.70 1.88 0.00	25.06 1.81 0.00	25.59 1.70 0.00	24.29 1.60 0.00	24.41 1.54 0.00	21.38 1.29 0.00	21.42 1.21 0.00
NYPA_HARLEM_RVR_GT1 24160	19.34 0.90 0.00	17.22 0.72 0.00	16.75 0.63 0.00	15.87 0.59 0.00	15.37 0.58 0.00	14.75 0.59 0.00	17.72 0.69 0.00	20.97 0.94 0.00	20.13 1.04 0.00	21.53 1.22 0.00	22.01 1.28 0.00	22.55 1.38 0.00	23.61 1.64 0.00	22.68 1.62 0.00	24.90 1.53 -3.17	27.77 1.47 -6.71	61.56 3.68 0.00	26.50 1.69 0.00	24.86 1.61 0.00	25.41 1.53 0.00	24.14 1.45 0.00	24.27 1.39 0.00	21.26 1.18 0.00	21.29 1.08 0.00
NYPA_HARLEM_RVR_GT2 24161	19.34 0.90 0.00	17.22 0.72 0.00	16.75 0.63 0.00	15.87 0.59 0.00	15.37 0.58 0.00	14.75 0.59 0.00	17.72 0.69 0.00	20.97 0.94 0.00	20.13 1.04 0.00	21.53 1.22 0.00	22.01 1.28 0.00	22.55 1.38 0.00	23.61 1.64 0.00	22.68 1.62 0.00	24.90 1.53 -3.17	27.77 1.47 -6.71	61.56 3.68 0.00	26.50 1.69 0.00	24.86 1.61 0.00	25.41 1.53 0.00	24.14 1.45 0.00	24.27 1.39 0.00	21.26 1.18 0.00	21.29 1.08 0.00
NYPA_KENT____GT 24152	19.37 0.93 0.00	17.27 0.77 0.00	16.78 0.67 0.00	15.91 0.63 0.00	15.41 0.61 0.00	14.79 0.63 0.00	17.77 0.74 0.00	21.05 1.02 0.00	20.19 1.10 0.00	21.62 1.30 0.00	22.10 1.37 0.00	22.65 1.48 0.00	23.72 1.76 0.00	22.78 1.71 0.00	25.02 1.65 -3.17	27.88 1.58 -6.71	61.98 4.11 0.00	26.67 1.85 0.00	25.01 1.76 0.00	25.54 1.66 0.00	24.24 1.56 0.00	24.37 1.50 0.00	21.34 1.26 0.00	21.39 1.18 0.00
NYPA_POUCH1____GT 24155	19.38 0.94 0.00	17.26 0.77 0.00	16.78 0.66 0.00	15.90 0.62 0.00	15.40 0.61 0.00	14.78 0.62 0.00	17.75 0.73 0.00	21.01 0.98 0.00	-87.73 1.04 107.86	21.55 1.24 0.00	22.03 1.30 0.01	22.57 1.41 0.01	23.66 1.70 0.00	22.73 1.67 0.00	24.99 1.62 -3.17	27.85 1.55 -6.71	61.82 3.96 0.02	26.67 1.86 0.00	25.03 1.78 0.00	25.55 1.67 0.00	24.27 1.58 0.00	24.38 1.51 0.00	21.35 1.27 0.00	21.39 1.18 0.00
NYPA_VERNON____GT2 24162	19.34 0.90 0.00	17.24 0.75 0.00	16.77 0.65 0.00	15.89 0.61 0.00	15.39 0.60 0.00	14.77 0.61 0.00	17.75 0.73 0.00	21.03 1.00 0.00	20.17 1.08 0.00	21.60 1.29 0.00	22.09 1.35 0.00	22.63 1.47 0.00	23.70 1.74 0.00	22.75 1.69 0.00	24.99 1.62 -3.17	27.85 1.55 -6.71	61.92 4.05 0.00	26.63 1.82 0.00	24.96 1.71 0.00	25.49 1.61 0.00	24.20 1.51 0.00	24.32 1.45 0.00	21.30 1.22 0.00	21.36 1.15 0.00

NYPY_VERNON____GT3 24163	19.34 0.90 0.00	17.24 0.75 0.00	16.77 0.65 0.00	15.89 0.61 0.00	15.39 0.60 0.00	14.77 0.61 0.00	17.75 0.73 0.00	21.03 1.00 0.00	20.17 1.08 0.00	21.60 1.29 0.00	22.09 1.35 0.00	22.63 1.47 0.00	23.70 1.74 0.00	22.75 1.69 0.00	24.99 1.62 -3.17	27.85 1.55 -6.71	61.92 4.05 0.00	26.63 1.82 0.00	24.96 1.71 0.00	25.49 1.61 0.00	24.20 1.51 0.00	24.32 1.45 0.00	21.30 1.22 0.00	21.36 1.15 0.00
NYPY____ASTORIA_CC1 323568	19.30 0.86 0.00	17.21 0.72 0.00	16.73 0.62 0.00	15.86 0.59 0.00	15.37 0.57 0.00	14.75 0.59 0.00	17.72 0.69 0.00	20.98 0.95 0.00	20.13 1.04 0.00	21.55 1.23 0.00	22.04 1.30 0.00	22.57 1.41 0.00	23.64 1.67 0.00	22.69 1.63 0.00	24.93 1.56 -3.17	27.79 1.50 -6.71	61.75 3.88 0.00	26.57 1.75 0.00	24.90 1.65 0.00	25.42 1.54 0.00	24.15 1.46 0.00	24.26 1.39 0.00	21.26 1.17 0.00	21.32 1.11 0.00
NYPY____ASTORIA_CC2 323569	19.30 0.86 0.00	17.21 0.72 0.00	16.73 0.62 0.00	15.86 0.59 0.00	15.37 0.57 0.00	14.75 0.59 0.00	17.72 0.69 0.00	20.98 0.95 0.00	20.13 1.04 0.00	21.55 1.23 0.00	22.04 1.30 0.00	22.57 1.41 0.00	23.64 1.67 0.00	22.69 1.63 0.00	24.93 1.56 -3.17	27.79 1.50 -6.71	61.75 3.88 0.00	26.57 1.75 0.00	24.90 1.65 0.00	25.42 1.54 0.00	24.15 1.46 0.00	24.26 1.39 0.00	21.26 1.17 0.00	21.32 1.11 0.00
NYPY____HOLTSVILL 23794	19.25 0.81 0.00	17.19 0.69 0.00	16.79 0.66 0.00	15.98 0.70 0.00	15.55 0.76 0.00	15.21 0.79 -0.26	20.52 0.96 -2.54	21.12 1.09 0.00	19.99 0.90 0.00	22.03 1.10 -0.61	33.13 1.30 -11.09	109.76 1.39 -87.21	195.87 1.64 -172.27	118.51 1.47 -95.99	46.55 1.56 -24.78	70.74 1.61 -49.54	69.46 3.95 -7.64	36.78 1.88 -10.09	47.35 1.67 -22.43	26.28 1.57 -0.82	24.11 1.42 0.00	24.24 1.37 0.00	21.40 1.31 0.00	20.99 1.19 0.41
NYPY____HELLGATE_GT1 24158	19.34 0.90 0.00	17.22 0.72 0.00	16.75 0.63 0.00	15.87 0.59 0.00	15.37 0.58 0.00	14.75 0.59 0.00	17.72 0.69 0.00	20.97 0.94 0.00	20.13 1.04 0.00	21.53 1.22 0.00	22.01 1.28 0.00	22.55 1.38 0.00	23.61 1.64 0.00	22.68 1.62 0.00	24.90 1.53 -3.17	27.77 1.47 -6.71	61.56 3.68 0.00	26.50 1.69 0.00	24.86 1.61 0.00	25.41 1.53 0.00	24.14 1.45 0.00	24.27 1.39 0.00	21.26 1.18 0.00	21.29 1.08 0.00
NYPY____HELLGATE_GT2 24159	19.34 0.90 0.00	17.22 0.72 0.00	16.75 0.63 0.00	15.87 0.59 0.00	15.37 0.58 0.00	14.75 0.59 0.00	17.72 0.69 0.00	20.97 0.94 0.00	20.13 1.04 0.00	21.53 1.22 0.00	22.01 1.28 0.00	22.55 1.38 0.00	23.61 1.64 0.00	22.68 1.62 0.00	24.90 1.53 -3.17	27.77 1.47 -6.71	61.56 3.68 0.00	26.50 1.69 0.00	24.86 1.61 0.00	25.41 1.53 0.00	24.14 1.45 0.00	24.27 1.39 0.00	21.26 1.18 0.00	21.29 1.08 0.00
NYS_BARGE____HYD 23848	18.17 -0.27 0.00	16.33 -0.16 0.00	15.91 -0.20 0.00	15.10 -0.17 0.00	14.64 -0.15 0.00	14.18 0.02 0.00	17.00 -0.02 0.00	19.76 -0.27 0.00	18.97 -0.12 0.00	20.23 -0.08 0.00	20.65 -0.09 0.00	20.87 -0.29 0.00	21.56 -0.41 0.00	20.57 -0.50 0.00	19.72 -0.49 0.00	19.04 -0.54 0.00	16.58 -1.36 39.94	23.89 -0.92 0.00	22.27 -0.98 0.00	23.11 -0.77 0.00	21.94 -0.75 0.00	22.18 -0.70 0.00	19.54 -0.55 0.00	20.16 -0.05 0.00
OAK ORCHARD____HYD 24046	18.36 -0.08 0.00	16.47 -0.03 0.00	16.05 -0.07 0.00	15.22 -0.06 0.00	14.75 -0.04 0.00	14.24 0.08 0.00	17.12 0.10 0.00	20.05 0.02 0.00	19.21 0.12 0.00	20.47 0.15 0.00	20.89 0.16 0.00	21.19 0.03 0.00	21.93 -0.03 0.00	20.97 -0.09 0.00	20.11 -0.10 0.00	19.45 -0.14 0.00	14.36 -0.20 43.31	24.48 -0.34 0.00	22.86 -0.38 0.00	23.63 -0.25 0.00	22.43 -0.26 0.00	22.64 -0.24 0.00	19.87 -0.22 0.00	20.26 0.05 0.00
OAKDALE____35_KV_LOAD 356122	18.47 0.04 0.00	16.57 0.07 0.00	16.14 0.02 0.00	15.32 0.04 0.00	14.86 0.06 0.00	14.27 0.11 0.00	17.17 0.14 0.00	20.24 0.21 0.00	19.32 0.23 0.00	20.61 0.30 0.00	21.04 0.30 0.00	21.45 0.29 0.00	22.32 0.36 0.00	21.38 0.32 0.00	20.45 0.25 0.00	19.76 0.18 0.00	46.62 0.60 11.86	24.93 0.11 0.00	23.38 0.13 0.00	24.08 0.20 0.00	22.85 0.17 0.00	23.06 0.18 0.00	20.19 0.10 0.00	20.44 0.23 0.00
OCC_CHEM____DRP 24175	17.63 -0.81 0.00	15.91 -0.58 0.00	15.50 -0.62 0.00	14.71 -0.57 0.00	14.25 -0.54 0.00	13.80 -0.35 0.00	16.55 -0.48 0.00	19.21 -0.82 0.00	18.47 -0.62 0.00	19.66 -0.66 0.00	20.04 -0.69 0.00	20.25 -0.91 0.00	20.91 -1.06 0.00	19.96 -1.10 0.00	19.14 -1.06 0.00	18.49 -1.10 0.00	14.28 -3.46 40.14	23.24 -1.58 0.00	21.63 -1.62 0.00	22.46 -1.42 0.00	21.31 -1.38 0.00	21.54 -1.33 0.00	19.02 -1.07 0.00	19.66 -0.54 0.00
OH_GEN_PROXY 24063	17.96 -0.47 0.00	16.15 -0.34 0.00	15.74 -0.38 0.00	14.94 -0.34 0.00	14.47 -0.32 0.00	14.00 -0.16 0.00	16.78 -0.24 0.00	19.54 -0.49 0.00	18.76 -0.33 0.00	20.01 -0.31 0.00	20.42 -0.32 0.00	20.64 -0.52 0.00	21.34 -0.62 0.00	20.37 -0.70 0.00	19.55 -0.66 0.00	18.87 -0.71 0.00	16.00 -1.79 40.09	23.66 -1.16 0.00	22.05 -1.19 0.00	22.88 -1.00 0.00	21.72 -0.96 0.00	21.96 -0.91 0.00	19.36 -0.73 0.00	19.96 -0.25 0.00
OLIN_CORP_DRP 24177	17.88 -0.56 0.00	16.09 -0.41 0.00	15.67 -0.45 0.00	14.88 -0.40 0.00	14.41 -0.38 0.00	13.96 -0.20 0.00	16.72 -0.31 0.00	19.36 -0.67 0.00	18.58 -0.51 0.00	19.79 -0.53 0.00	20.18 -0.55 0.00	20.40 -0.76 0.00	21.08 -0.89 0.00	20.11 -0.95 0.00	19.27 -0.93 0.00	18.62 -0.96 0.00	16.16 -2.61 39.10	23.38 -1.43 0.00	21.79 -1.46 0.00	22.62 -1.26 0.00	21.47 -1.22 0.00	21.71 -1.17 0.00	19.15 -0.94 0.00	19.79 -0.42 0.00
OLIN_CORP_DSASP 323712	17.63 -0.81 0.00	15.91 -0.58 0.00	15.50 -0.62 0.00	14.71 -0.57 0.00	14.25 -0.54 0.00	13.80 -0.35 0.00	16.55 -0.48 0.00	19.21 -0.82 0.00	18.46 -0.63 0.00	19.67 -0.65 0.00	20.05 -0.68 0.00	20.25 -0.91 0.00	20.90 -1.06 0.00	19.97 -1.10 0.00	19.17 -1.03 0.00	18.51 -1.07 0.00	14.31 -3.42 40.14	23.24 -1.57 0.00	21.63 -1.61 0.00	22.46 -1.42 0.00	21.31 -1.38 0.00	21.54 -1.33 0.00	19.02 -1.07 0.00	19.66 -0.55 0.00
ONEIDA_HERK_LFGE 323681	18.83 0.39 0.00	16.82 0.33 0.00	16.41 0.29 0.00	15.55 0.27 0.00	15.07 0.28 0.00	14.47 0.31 0.00	17.44 0.41 0.00	20.55 0.52 0.00	19.59 0.50 0.00	20.83 0.51 0.00	21.28 0.54 0.00	21.73 0.57 0.00	22.54 0.57 0.00	21.61 0.54 0.00	20.68 0.47 0.00	20.00 0.42 0.00	59.17 1.29 0.00	25.41 0.60 0.00	23.85 0.60 0.00	24.49 0.61 0.00	23.22 0.53 0.00	23.43 0.56 0.00	20.54 0.45 0.00	20.65 0.44 0.00
ONEIDA____115KV_TB4 55905	18.81 0.37 0.00	16.80 0.31 0.00	16.39 0.27 0.00	15.54 0.26 0.00	15.07 0.27 0.00	14.46 0.31 0.00	17.42 0.40 0.00	20.53 0.50 0.00	19.60 0.50 0.00	20.84 0.52 0.00	21.28 0.55 0.00	21.76 0.60 0.00	22.62 0.66 0.00	21.70 0.64 0.00	20.74 0.54 0.00	20.04 0.46 0.00	50.19 1.24 8.93	25.36 0.54 0.00	23.80 0.55 0.00	24.46 0.58 0.00	23.24 0.55 0.00	23.47 0.59 0.00	20.60 0.51 0.00	20.72 0.51 0.00

ONONDAGA_REF_OCCRA 23987	18.38 -0.06 0.00	16.46 -0.04 0.00	16.05 -0.07 0.00	15.22 -0.05 0.00	14.76 -0.04 0.00	14.17 0.01 0.00	17.03 0.01 0.00	20.04 0.01 0.00	19.12 0.03 0.00	20.32 0.00 0.00	20.73 0.00 0.00	21.15 -0.01 0.00	21.97 0.01 0.00	21.04 -0.02 0.00	20.14 -0.07 0.00	19.50 -0.08 0.00	44.88 -0.30 12.69	24.63 -0.18 0.00	23.10 -0.15 0.00	23.77 -0.11 0.00	22.60 -0.09 0.00	22.76 -0.11 0.00	19.93 -0.16 0.00	20.10 -0.10 0.00
ONONDAGA___COGEN 23986	18.38 -0.06 0.00	16.46 -0.03 0.00	16.06 -0.06 0.00	15.23 -0.05 0.00	14.78 -0.02 0.00	14.19 0.03 0.00	17.06 0.03 0.00	20.06 0.03 0.00	19.12 0.03 0.00	20.31 0.00 0.00	20.72 -0.01 0.00	21.12 -0.04 0.00	21.93 -0.04 0.00	21.02 -0.04 0.00	20.12 -0.09 0.00	19.49 -0.09 0.00	57.55 -0.33 0.00	24.63 -0.18 0.00	23.09 -0.15 0.00	23.76 -0.13 0.00	22.58 -0.11 0.00	22.74 -0.14 0.00	19.91 -0.18 0.00	20.08 -0.13 0.00
ONTARIO___LFGE 23819	18.46 0.03 0.00	16.56 0.06 0.00	16.13 0.01 0.00	15.32 0.04 0.00	14.87 0.08 0.00	14.33 0.17 0.00	17.28 0.25 0.00	20.35 0.32 0.00	19.44 0.35 0.00	20.75 0.43 0.00	21.17 0.43 0.00	21.57 0.41 0.00	22.39 0.42 0.00	21.33 0.27 0.00	20.31 0.11 0.00	19.64 0.05 0.00	31.86 0.36 26.38	24.77 -0.05 0.00	23.24 -0.01 0.00	23.96 0.08 0.00	22.76 0.07 0.00	22.94 0.06 0.00	20.07 -0.02 0.00	20.39 0.18 0.00
ORANGEVILLE_WT_PWR 323706	18.10 -0.34 0.00	16.31 -0.19 0.00	15.90 -0.22 0.00	15.12 -0.16 0.00	14.67 -0.12 0.00	14.19 0.03 0.00	17.06 0.03 0.00	19.99 -0.04 0.00	19.18 0.09 0.00	20.49 0.17 0.00	20.91 0.18 0.00	21.15 -0.02 0.00	21.86 -0.10 0.00	20.69 -0.37 0.00	19.64 -0.56 0.00	19.01 -0.58 0.00	23.54 -1.26 33.07	23.86 -0.95 0.00	22.36 -0.89 0.00	23.20 -0.69 0.00	22.05 -0.64 0.00	22.25 -0.62 0.00	19.55 -0.55 0.00	20.21 -0.01 0.00
ORANGEVILLE___ESR 323794	18.10 -0.34 0.00	16.31 -0.19 0.00	15.90 -0.22 0.00	15.12 -0.16 0.00	14.67 -0.12 0.00	14.19 0.03 0.00	17.06 0.03 0.00	19.99 -0.04 0.00	19.18 0.09 0.00	20.49 0.17 0.00	20.91 0.18 0.00	21.15 -0.02 0.00	21.86 -0.10 0.00	20.69 -0.37 0.00	19.64 -0.56 0.00	19.01 -0.58 0.00	23.54 -1.26 33.07	23.86 -0.95 0.00	22.36 -0.89 0.00	23.20 -0.69 0.00	22.05 -0.64 0.00	22.25 -0.62 0.00	19.55 -0.55 0.00	20.21 -0.01 0.00
OSWEGATCHIE___HYD 24044	18.84 0.41 0.00	16.84 0.35 0.00	16.43 0.31 0.00	15.57 0.29 0.00	15.08 0.29 0.00	14.46 0.30 0.00	17.48 0.45 0.00	20.57 0.54 0.00	19.42 0.33 0.00	20.61 0.29 0.00	21.04 0.30 0.00	21.43 0.27 0.00	22.10 0.14 0.00	21.17 0.10 0.00	20.30 0.10 0.00	19.82 0.23 0.00	58.64 0.77 0.00	25.21 0.40 0.00	23.65 0.40 0.00	24.25 0.36 0.00	22.96 0.27 0.00	23.23 0.36 0.00	20.39 0.30 0.00	20.50 0.29 0.00
OSWEGO___5 23606	18.08 -0.36 0.00	16.19 -0.31 0.00	15.80 -0.32 0.00	14.98 -0.30 0.00	14.51 -0.28 0.00	13.93 -0.23 0.00	16.73 -0.29 0.00	19.67 -0.37 0.00	18.75 -0.34 0.00	19.91 -0.41 0.00	20.31 -0.42 0.00	20.72 -0.44 0.00	21.50 -0.46 0.00	20.61 -0.45 0.00	19.74 -0.46 0.00	19.12 -0.46 0.00	176.69 -1.48 -120.29	24.16 -0.66 0.00	22.63 -0.61 0.00	23.28 -0.60 0.00	22.12 -0.56 0.00	22.29 -0.58 0.00	19.55 -0.54 0.00	19.71 -0.50 0.00
OSWEGO___6 23613	18.08 -0.36 0.00	16.19 -0.31 0.00	15.80 -0.32 0.00	14.98 -0.30 0.00	14.51 -0.28 0.00	13.93 -0.23 0.00	16.73 -0.29 0.00	19.67 -0.37 0.00	18.75 -0.34 0.00	19.91 -0.41 0.00	20.31 -0.42 0.00	20.72 -0.44 0.00	21.50 -0.46 0.00	20.61 -0.45 0.00	19.74 -0.46 0.00	19.12 -0.46 0.00	176.69 -1.48 -120.29	24.16 -0.66 0.00	22.63 -0.61 0.00	23.28 -0.60 0.00	22.12 -0.56 0.00	22.29 -0.58 0.00	19.55 -0.54 0.00	19.71 -0.50 0.00
OUTOKUMPU-AB___DRP 24206	18.14 -0.30 0.00	16.33 -0.16 0.00	15.92 -0.20 0.00	15.11 -0.17 0.00	14.64 -0.15 0.00	14.19 0.02 0.00	17.02 0.00 0.00	19.80 -0.23 0.00	19.03 -0.06 0.00	20.29 -0.03 0.00	20.70 -0.03 0.00	20.93 -0.23 0.00	21.63 -0.34 0.00	20.64 -0.42 0.00	19.76 -0.45 0.00	19.07 -0.52 0.00	17.45 -1.46 38.97	23.96 -0.86 0.00	22.33 -0.92 0.00	23.17 -0.71 0.00	21.99 -0.70 0.00	22.23 -0.64 0.00	19.58 -0.51 0.00	20.21 0.00 0.00
OXBOW___ 24026	17.93 -0.51 0.00	16.16 -0.33 0.00	15.75 -0.37 0.00	14.95 -0.33 0.00	14.48 -0.31 0.00	14.03 -0.13 0.00	16.83 -0.20 0.00	19.56 -0.47 0.00	18.80 -0.29 0.00	20.04 -0.28 0.00	20.44 -0.29 0.00	20.66 -0.51 0.00	21.33 -0.63 0.00	20.37 -0.69 0.00	19.55 -0.66 0.00	18.86 -0.73 0.00	16.07 -2.26 39.55	23.67 -1.15 0.00	22.05 -1.20 0.00	22.88 -1.00 0.00	21.71 -0.97 0.00	21.95 -0.93 0.00	19.36 -0.73 0.00	19.98 -0.23 0.00
OXY_CHEM_DSASP 323612	17.63 -0.81 0.00	15.91 -0.58 0.00	15.50 -0.62 0.00	14.71 -0.57 0.00	14.25 -0.54 0.00	13.80 -0.35 0.00	16.55 -0.48 0.00	19.21 -0.82 0.00	18.47 -0.62 0.00	19.66 -0.66 0.00	20.04 -0.69 0.00	20.25 -0.91 0.00	20.91 -1.06 0.00	19.96 -1.10 0.00	19.14 -1.06 0.00	18.49 -1.10 0.00	14.28 -3.46 40.14	23.24 -1.58 0.00	21.63 -1.62 0.00	22.46 -1.42 0.00	21.31 -1.38 0.00	21.54 -1.33 0.00	19.02 -1.07 0.00	19.66 -0.54 0.00
OZONE_PARK_ESR 323760	19.50 1.06 0.00	17.39 0.89 0.00	16.90 0.78 0.00	16.01 0.74 0.00	15.51 0.72 0.00	14.88 0.72 0.00	17.88 0.86 0.00	21.21 1.18 0.00	20.34 1.25 0.00	21.79 1.48 0.00	22.28 1.54 0.00	22.83 1.67 0.00	23.90 1.94 0.00	22.94 1.88 0.00	25.18 1.81 -3.17	28.04 1.74 -6.72	62.53 4.65 0.00	26.88 2.06 0.00	25.18 1.94 0.00	25.71 1.83 0.00	24.42 1.73 0.00	24.55 1.68 0.00	21.50 1.41 0.00	21.55 1.34 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	17.63 -0.81 0.00	15.91 -0.58 0.00	15.50 -0.62 0.00	14.71 -0.57 0.00	14.25 -0.54 0.00	13.80 -0.35 0.00	16.55 -0.48 0.00	19.21 -0.82 0.00	18.47 -0.62 0.00	19.66 -0.66 0.00	20.04 -0.69 0.00	20.25 -0.91 0.00	20.91 -1.06 0.00	19.96 -1.10 0.00	19.14 -1.06 0.00	18.49 -1.10 0.00	14.28 -3.46 40.14	23.24 -1.58 0.00	21.63 -1.62 0.00	22.46 -1.42 0.00	21.31 -1.38 0.00	21.54 -1.33 0.00	19.02 -1.07 0.00	19.66 -0.54 0.00
PACKARD___115KV_DUPONT_184 80571	17.63 -0.81 0.00	15.91 -0.58 0.00	15.50 -0.62 0.00	14.71 -0.57 0.00	14.25 -0.54 0.00	13.80 -0.35 0.00	16.55 -0.48 0.00	19.21 -0.82 0.00	18.47 -0.62 0.00	19.66 -0.66 0.00	20.04 -0.69 0.00	20.25 -0.91 0.00	20.91 -1.06 0.00	19.96 -1.10 0.00	19.14 -1.06 0.00	18.49 -1.10 0.00	14.28 -3.46 40.14	23.24 -1.58 0.00	21.63 -1.62 0.00	22.46 -1.42 0.00	21.31 -1.38 0.00	21.54 -1.33 0.00	19.02 -1.07 0.00	19.66 -0.54 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	19.34 0.90 0.00	17.22 0.72 0.00	16.75 0.63 0.00	15.88 0.60 0.00	15.38 0.58 0.00	14.75 0.60 0.00	17.74 0.71 0.00	20.99 0.96 0.00	20.13 1.04 0.00	21.54 1.22 0.00	22.02 1.29 0.00	22.55 1.39 0.00	23.61 1.64 0.00	22.68 1.62 0.00	24.91 1.54 -3.17	27.77 1.47 -6.71	61.60 3.73 0.00	26.55 1.74 0.00	24.88 1.64 0.00	25.43 1.55 0.00	24.17 1.48 0.00	24.29 1.42 0.00	21.28 1.19 0.00	21.31 1.10 0.00

PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	19.30 0.86 0.00	17.17 0.67 0.00	16.70 0.58 0.00	15.83 0.55 0.00	15.33 0.54 0.00	14.72 0.56 0.00	17.69 0.66 0.00	20.93 0.90 0.00	20.09 1.00 0.00	21.48 1.16 0.00	21.97 1.23 0.00	22.58 1.42 0.00	23.63 1.67 0.00	22.69 1.63 0.00	24.86 1.49 -3.17	27.70 1.40 -6.71	61.40 3.52 0.00	26.47 1.66 0.00	24.81 1.56 0.00	25.36 1.48 0.00	24.10 1.41 0.00	24.22 1.35 0.00	21.22 1.13 0.00	21.25 1.04 0.00
PATROON__115KV_TB1 80586	18.90 0.46 0.00	16.97 0.48 0.00	16.57 0.44 0.00	15.71 0.43 0.00	15.19 0.40 0.00	14.51 0.35 0.00	17.39 0.37 0.00	20.47 0.44 0.00	19.54 0.44 0.00	20.81 0.49 0.00	21.22 0.49 0.00	21.72 0.56 0.00	22.67 0.70 0.00	21.75 0.69 0.00	21.63 0.68 -0.75	21.83 0.64 -1.60	59.51 1.63 0.00	25.53 0.71 0.00	23.94 0.69 0.00	24.57 0.69 0.00	23.35 0.66 0.00	23.48 0.61 0.00	20.60 0.51 0.00	20.68 0.46 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	18.28 -0.15 0.00	16.45 -0.04 0.00	16.02 -0.10 0.00	15.22 -0.05 0.00	14.76 -0.04 0.00	14.28 0.12 0.00	17.14 0.11 0.00	20.04 0.01 0.00	19.24 0.14 0.00	20.54 0.22 0.00	20.96 0.23 0.00	21.21 0.05 0.00	21.96 0.00 0.00	20.96 -0.11 0.00	20.03 -0.17 0.00	19.33 -0.25 0.00	21.23 -0.47 36.17	24.26 -0.55 0.00	22.65 -0.60 0.00	23.50 -0.38 0.00	22.30 -0.39 0.00	22.55 -0.32 0.00	19.82 -0.27 0.00	20.41 0.21 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	19.40 0.96 0.00	17.31 0.81 0.00	16.84 0.72 0.00	15.94 0.67 0.00	15.43 0.63 0.00	14.80 0.64 0.00	17.81 0.79 0.00	21.09 1.06 0.00	20.15 1.06 0.00	21.55 1.24 0.00	22.02 1.29 0.00	22.57 1.40 0.00	23.59 1.62 0.00	22.65 1.59 0.00	23.52 1.54 -1.78	24.80 1.45 -3.76	61.75 3.87 0.00	26.55 1.73 0.00	24.87 1.63 0.00	25.49 1.61 0.00	24.27 1.58 0.00	24.40 1.53 0.00	21.36 1.27 0.00	21.41 1.19 0.00
PEEKSKILL____ 23653	19.20 0.76 0.00	17.13 0.63 0.00	16.67 0.55 0.00	15.80 0.51 0.00	15.29 0.50 0.00	14.67 0.51 0.00	17.64 0.61 0.00	20.88 0.85 0.00	19.98 0.89 0.00	21.38 1.07 0.00	21.85 1.12 0.00	22.39 1.23 0.00	23.44 1.48 0.00	22.50 1.44 0.00	24.93 1.39 -3.34	27.99 1.32 -7.09	61.39 3.51 0.00	26.39 1.57 0.00	24.71 1.46 0.00	25.28 1.40 0.00	24.01 1.32 0.00	24.15 1.27 0.00	21.14 1.05 0.00	21.21 1.00 0.00
PGE MADISON__WINDPWR 24146	19.61 1.17 0.00	17.50 1.00 0.00	17.01 0.89 0.00	16.15 0.87 0.00	15.69 0.90 0.00	15.14 0.98 0.00	18.30 1.28 0.00	21.57 1.54 0.00	20.57 1.48 0.00	21.63 1.32 0.00	22.02 1.29 0.00	22.44 1.28 0.00	23.43 1.46 0.00	22.54 1.48 0.00	21.36 1.16 0.00	20.55 0.97 0.00	52.61 4.12 9.39	26.56 1.75 0.00	24.90 1.65 0.00	25.69 1.81 0.00	24.45 1.77 0.00	24.55 1.68 0.00	21.29 1.20 0.00	21.35 1.14 0.00
PIERCEFIELD__HYD 23852	18.73 0.30 0.00	16.74 0.24 0.00	16.37 0.25 0.00	15.50 0.22 0.00	15.01 0.22 0.00	14.35 0.19 0.00	17.35 0.33 0.00	20.38 0.35 0.00	19.11 0.02 0.00	20.30 -0.02 0.00	20.71 -0.03 0.00	21.11 -0.06 0.00	21.78 -0.18 0.00	20.87 -0.19 0.00	20.01 -0.20 0.00	19.65 0.06 0.00	58.15 0.28 0.00	24.98 0.16 0.00	23.36 0.11 0.00	23.95 0.07 0.00	22.70 0.01 0.00	22.99 0.11 0.00	20.22 0.13 0.00	20.30 0.09 0.00
PINELAWN_CC_1 323563	19.39 0.95 0.00	17.30 0.81 0.00	16.89 0.77 0.00	16.07 0.79 0.00	15.63 0.84 0.00	15.29 0.86 -0.26	20.62 1.06 -2.54	21.27 1.24 0.00	20.16 1.07 0.00	22.22 1.29 -0.61	33.33 1.51 -11.09	109.98 1.61 -87.21	196.10 1.87 -172.27	118.77 1.72 -95.99	46.75 1.77 -24.78	70.90 1.77 -49.54	69.98 4.47 -7.64	36.93 2.02 -10.09	47.59 1.91 -22.43	26.53 1.83 -0.82	24.36 1.67 0.00	24.51 1.64 0.00	21.54 1.45 0.00	21.57 1.36 0.00
PJM_GEN_HTP_PROXY 323702	19.30 0.86 0.00	17.21 0.71 0.00	16.73 0.61 0.00	15.86 0.58 0.00	15.37 0.57 0.00	14.73 0.57 0.00	17.71 0.68 0.00	20.99 0.96 0.00	20.11 1.02 0.00	21.55 1.23 0.00	22.02 1.28 0.00	22.57 1.41 0.00	23.63 1.67 0.00	22.69 1.62 0.00	24.93 1.56 -3.17	27.80 1.51 -6.72	54.99 3.96 6.84	26.58 1.77 0.00	24.91 1.66 0.00	25.44 1.55 0.00	24.15 1.46 0.00	24.28 1.40 0.00	21.26 1.18 0.00	21.32 1.11 0.00
PJM_GEN_KEystone 24065	18.30 0.12 0.26	16.63 0.13 0.00	16.19 0.07 0.00	15.37 0.09 0.00	14.90 0.10 0.00	14.32 0.16 0.00	17.18 0.16 0.00	20.30 0.26 0.00	11.31 0.33 8.11	20.78 0.46 0.00	21.22 0.48 0.00	21.63 0.46 0.00	22.59 0.62 0.00	21.65 0.59 0.00	17.93 0.55 2.82	13.65 0.46 6.40	37.75 1.35 21.48	25.24 0.43 0.00	23.61 0.36 0.00	24.29 0.41 0.00	23.06 0.37 0.00	23.25 0.38 0.00	20.38 0.29 0.00	20.66 0.45 0.00
PJM_GEN_NEPTUNE_PROXY 323594	19.24 0.80 0.00	17.18 0.69 0.00	16.76 0.64 0.00	15.93 0.65 0.00	15.50 0.70 0.00	15.00 0.72 -0.11	19.01 0.88 -1.10	21.08 1.05 0.00	20.01 0.92 0.00	21.71 1.13 -0.27	26.88 1.33 -4.82	60.46 1.42 -37.88	98.50 1.69 -74.85	64.39 1.60 -41.72	34.35 1.59 -12.56	46.44 1.53 -25.32	58.22 3.87 3.52	31.02 1.81 -4.39	34.69 1.70 -9.75	25.85 1.61 -0.36	24.16 1.47 0.00	24.30 1.43 0.00	21.33 1.24 0.00	20.69 1.15 0.67
PJM_GEN_VFT_PROXY 323633	19.22 0.78 0.00	17.13 0.64 0.00	16.67 0.55 0.00	15.80 0.52 0.00	15.30 0.51 0.00	14.66 0.50 0.00	17.59 0.56 0.00	20.84 0.81 0.00	-95.82 0.89 115.80	21.42 1.10 0.00	21.90 1.16 0.00	22.46 1.30 0.00	23.53 1.56 0.00	22.58 1.52 0.00	24.85 1.48 -3.17	27.74 1.44 -6.72	54.81 3.78 6.84	26.51 1.70 0.00	24.83 1.58 0.00	25.33 1.45 0.00	24.07 1.38 0.00	24.20 1.32 0.00	21.19 1.10 0.00	21.24 1.03 0.00
PLATSBRG_115KV_PMLD1 355749	19.21 0.77 0.00	17.15 0.65 0.00	16.72 0.60 0.00	15.81 0.53 0.00	15.26 0.47 0.00	14.58 0.42 0.00	17.58 0.55 0.00	20.57 0.54 0.00	19.42 0.33 0.00	20.65 0.33 0.00	20.96 0.22 0.00	21.33 0.17 0.00	22.14 0.17 0.00	21.19 0.13 0.00	20.32 0.12 0.00	20.06 0.48 0.00	60.27 2.40 0.00	25.88 1.07 0.00	24.17 0.92 0.00	24.66 0.78 0.00	23.29 0.60 0.00	23.70 0.83 0.00	20.93 0.84 0.00	21.05 0.84 0.00
PLEASANTVLY__LBMP 24000	19.18 0.75 0.00	17.13 0.63 0.00	16.67 0.55 0.00	15.80 0.51 0.00	15.29 0.50 0.00	14.66 0.50 0.00	17.62 0.60 0.00	20.85 0.82 0.00	19.93 0.84 0.00	21.32 1.00 0.00	21.75 1.02 0.00	22.28 1.12 0.00	23.30 1.34 0.00	22.37 1.31 0.00	23.78 1.29 -2.28	25.64 1.22 -4.83	61.07 3.19 0.00	26.24 1.43 0.00	24.58 1.34 0.00	25.16 1.28 0.00	23.91 1.22 0.00	24.03 1.16 0.00	21.07 0.98 0.00	21.14 0.93 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	19.28 0.84 0.00	17.20 0.70 0.00	16.73 0.61 0.00	15.85 0.57 0.00	15.36 0.56 0.00	14.73 0.57 0.00	17.71 0.68 0.00	20.97 0.94 0.00	20.06 0.97 0.00	21.49 1.17 0.00	21.96 1.23 0.00	22.50 1.34 0.00	23.55 1.58 0.00	22.61 1.55 0.00	24.61 1.48 -2.93	27.19 1.40 -6.20	61.59 3.72 0.00	26.47 1.66 0.00	24.80 1.55 0.00	25.37 1.49 0.00	24.09 1.40 0.00	24.22 1.34 0.00	21.22 1.13 0.00	21.27 1.06 0.00

PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	19.28 0.84 0.00	17.20 0.70 0.00	16.73 0.61 0.00	15.85 0.57 0.00	15.36 0.56 0.00	14.73 0.57 0.00	17.71 0.68 0.00	20.97 0.94 0.00	20.06 0.97 0.00	21.49 1.17 0.00	21.96 1.23 0.00	22.50 1.34 0.00	23.55 1.58 0.00	22.61 1.55 0.00	24.61 1.48 -2.93	27.19 1.40 -6.20	61.59 3.72 0.00	26.47 1.66 0.00	24.80 1.55 0.00	25.37 1.49 0.00	24.09 1.40 0.00	24.22 1.34 0.00	21.22 1.13 0.00	21.27 1.06 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	19.33 0.89 0.00	17.25 0.75 0.00	16.78 0.66 0.00	15.89 0.61 0.00	15.38 0.58 0.00	14.74 0.58 0.00	17.74 0.72 0.00	21.00 0.97 0.00	20.05 0.96 0.00	21.43 1.11 0.00	21.88 1.14 0.00	22.43 1.26 0.00	23.43 1.46 0.00	22.49 1.43 0.00	22.85 1.41 -1.24	23.55 1.33 -2.64	61.35 3.47 0.00	26.36 1.55 0.00	24.71 1.46 0.00	25.32 1.44 0.00	24.12 1.43 0.00	24.24 1.37 0.00	21.23 1.14 0.00	21.29 1.08 0.00
POLETTI____ 23519	19.30 0.86 0.00	17.21 0.71 0.00	16.73 0.61 0.00	15.86 0.58 0.00	15.36 0.57 0.00	14.73 0.57 0.00	17.70 0.67 0.00	20.97 0.94 0.00	20.10 1.01 0.00	21.54 1.23 0.00	22.01 1.28 0.00	22.55 1.38 0.00	23.61 1.64 0.00	22.66 1.60 0.00	24.91 1.54 -3.17	27.78 1.48 -6.72	61.77 3.89 0.00	26.56 1.74 0.00	24.87 1.63 0.00	25.40 1.51 0.00	24.12 1.43 0.00	24.25 1.37 0.00	21.25 1.16 0.00	21.30 1.09 0.00
PORT_JEFF_3 23555	19.27 0.83 0.00	17.20 0.71 0.00	16.80 0.68 0.00	15.99 0.71 0.00	15.56 0.77 0.00	15.22 0.80 -0.26	20.53 0.97 -2.54	21.10 1.07 0.00	19.94 0.85 0.00	22.00 1.07 -0.61	33.16 1.33 -11.09	109.78 1.41 -87.21	195.89 1.65 -172.27	118.50 1.45 -95.99	46.55 1.57 -24.78	70.72 1.59 -49.54	69.31 3.80 -7.64	36.75 1.85 -10.09	47.27 1.59 -22.43	26.18 1.48 -0.82	24.01 1.32 0.00	24.15 1.28 0.00	21.37 1.29 0.00	21.00 1.19 0.41
PORT_JEFF_4 23616	19.27 0.83 0.00	17.20 0.71 0.00	16.80 0.68 0.00	15.99 0.71 0.00	15.56 0.77 0.00	15.22 0.80 -0.26	20.53 0.97 -2.54	21.10 1.07 0.00	19.94 0.85 0.00	22.00 1.07 -0.61	33.16 1.33 -11.09	109.78 1.41 -87.21	195.89 1.65 -172.27	118.50 1.45 -95.99	46.55 1.57 -24.78	70.72 1.59 -49.54	69.31 3.80 -7.64	36.75 1.85 -10.09	47.27 1.59 -22.43	26.18 1.48 -0.82	24.01 1.32 0.00	24.15 1.28 0.00	21.37 1.29 0.00	21.00 1.19 0.41
PORT_JEFF_IC 23713	19.29 0.85 0.00	17.22 0.73 0.00	16.82 0.70 0.00	16.01 0.73 0.00	15.58 0.79 0.00	15.24 0.82 -0.26	20.56 0.99 -2.54	21.14 1.11 0.00	19.99 0.89 0.00	22.04 1.11 -0.61	33.18 1.36 -11.09	109.81 1.44 -87.21	195.91 1.68 -172.27	118.48 1.43 -95.99	46.58 1.59 -24.78	70.76 1.63 -49.54	69.31 3.80 -7.64	36.77 1.86 -10.09	47.24 1.56 -22.43	26.15 1.45 -0.82	23.99 1.30 0.00	24.14 1.26 0.00	21.42 1.33 0.00	21.04 1.23 0.39
PPL PILGRIM_ST_GT1 24216	19.40 0.96 0.00	17.32 0.82 0.00	16.91 0.79 0.00	16.10 0.82 0.00	15.67 0.88 0.00	15.32 0.90 -0.26	20.67 1.11 -2.54	21.30 1.27 0.00	20.17 1.08 0.00	22.22 1.29 -0.61	33.32 1.50 -11.09	109.97 1.60 -87.21	196.12 1.88 -172.27	118.72 1.67 -95.99	46.71 1.73 -24.78	70.87 1.74 -49.54	69.68 4.17 -7.64	36.84 1.93 -10.09	47.46 1.78 -22.43	26.38 1.68 -0.82	24.22 1.53 0.00	24.36 1.49 0.00	21.46 1.37 0.00	21.25 1.38 0.34
PPL PILGRIM_ST_GT2 24217	19.40 0.96 0.00	17.32 0.82 0.00	16.91 0.79 0.00	16.10 0.82 0.00	15.67 0.88 0.00	15.32 0.90 -0.26	20.67 1.11 -2.54	21.30 1.27 0.00	20.17 1.08 0.00	22.22 1.29 -0.61	33.32 1.50 -11.09	109.97 1.60 -87.21	196.12 1.88 -172.27	118.72 1.67 -95.99	46.71 1.73 -24.78	70.87 1.74 -49.54	69.68 4.17 -7.64	36.84 1.93 -10.09	47.46 1.78 -22.43	26.38 1.68 -0.82	24.22 1.53 0.00	24.36 1.49 0.00	21.46 1.37 0.00	21.25 1.38 0.34
PPL_SHRM_GT3 24213	19.06 0.63 0.00	17.02 0.52 0.00	16.62 0.50 0.00	15.81 0.53 0.00	15.40 0.60 0.00	15.07 0.65 -0.26	20.36 0.79 -2.54	20.92 0.89 0.00	19.80 0.71 0.00	21.81 0.88 -0.61	32.88 1.06 -11.09	109.53 1.16 -87.21	195.60 1.36 -172.27	118.03 0.98 -95.99	46.13 1.15 -24.78	70.59 1.46 -49.54	69.10 3.59 -7.64	36.64 1.73 -10.09	47.19 1.51 -22.43	26.12 1.41 -0.82	23.92 1.24 0.00	24.05 1.18 0.00	21.22 1.13 0.00	20.77 0.97 0.40
PPL_SHRM_GT4 24214	19.06 0.63 0.00	17.02 0.52 0.00	16.62 0.50 0.00	15.81 0.53 0.00	15.40 0.60 0.00	15.07 0.65 -0.26	20.36 0.79 -2.54	20.92 0.89 0.00	19.80 0.71 0.00	21.81 0.88 -0.61	32.88 1.06 -11.09	109.53 1.16 -87.21	195.60 1.36 -172.27	118.03 0.98 -95.99	46.13 1.15 -24.78	70.59 1.46 -49.54	69.10 3.59 -7.64	36.64 1.73 -10.09	47.19 1.51 -22.43	26.12 1.41 -0.82	23.92 1.24 0.00	24.05 1.18 0.00	21.22 1.13 0.00	20.77 0.97 0.40
PROJECT____ORANGE 1 24174	18.29 -0.15 0.00	16.37 -0.12 0.00	15.97 -0.15 0.00	15.15 -0.13 0.00	14.68 -0.11 0.00	14.10 -0.06 0.00	16.93 -0.09 0.00	19.92 -0.11 0.00	19.00 -0.09 0.00	20.19 -0.13 0.00	20.60 -0.13 0.00	21.02 -0.14 0.00	21.83 -0.14 0.00	20.91 -0.16 0.00	20.02 -0.19 0.00	19.39 -0.20 0.00	39.47 -0.68 17.73	24.48 -0.33 0.00	22.93 -0.31 0.00	23.60 -0.28 0.00	22.45 -0.24 0.00	22.60 -0.27 0.00	19.79 -0.30 0.00	19.98 -0.24 0.00
PROJECT____ORANGE 2 24166	18.29 -0.15 0.00	16.37 -0.12 0.00	15.97 -0.15 0.00	15.15 -0.13 0.00	14.68 -0.11 0.00	14.10 -0.06 0.00	16.93 -0.09 0.00	19.92 -0.11 0.00	19.00 -0.09 0.00	20.19 -0.13 0.00	20.60 -0.13 0.00	21.02 -0.14 0.00	21.83 -0.14 0.00	20.91 -0.16 0.00	20.02 -0.19 0.00	19.39 -0.20 0.00	39.47 -0.68 17.73	24.48 -0.33 0.00	22.93 -0.31 0.00	23.60 -0.28 0.00	22.45 -0.24 0.00	22.60 -0.27 0.00	19.79 -0.30 0.00	19.98 -0.24 0.00
PUCKETT____SOLAR 323809	18.76 0.32 0.00	16.80 0.31 0.00	16.37 0.25 0.00	15.53 0.25 0.00	15.07 0.27 0.00	14.49 0.33 0.00	17.47 0.45 0.00	20.60 0.56 0.00	19.64 0.55 0.00	20.94 0.62 0.00	21.37 0.64 0.00	21.85 0.69 0.00	22.70 0.74 0.00	21.71 0.65 0.00	20.69 0.49 0.00	20.06 0.47 0.00	48.49 1.26 10.65	25.31 0.50 0.00	23.77 0.52 0.00	24.53 0.65 0.00	23.30 0.61 0.00	23.48 0.61 0.00	20.54 0.45 0.00	20.76 0.54 0.00
PYRITES____HYD 24023	18.94 0.50 0.00	16.92 0.42 0.00	16.55 0.43 0.00	15.67 0.39 0.00	15.17 0.38 0.00	14.52 0.36 0.00	17.58 0.55 0.00	20.65 0.63 0.00	19.42 0.33 0.00	20.67 0.35 0.00	21.09 0.36 0.00	21.55 0.39 0.00	22.25 0.28 0.00	21.32 0.26 0.00	20.37 0.17 0.00	19.96 0.37 0.00	58.97 1.09 0.00	25.33 0.52 0.00	23.67 0.42 0.00	24.29 0.41 0.00	23.04 0.35 0.00	23.33 0.45 0.00	20.50 0.41 0.00	20.58 0.37 0.00
QUAKERRD_115KV_BK1 80622	17.88 -0.55 0.00	16.04 -0.46 0.00	15.63 -0.49 0.00	14.83 -0.45 0.00	14.37 -0.42 0.00	13.85 -0.30 0.00	16.66 -0.36 0.00	19.54 -0.49 0.00	18.70 -0.39 0.00	19.91 -0.40 0.00	20.32 -0.41 0.00	20.65 -0.51 0.00	21.39 -0.58 0.00	20.45 -0.61 0.00	19.59 -0.62 0.00	18.96 -0.63 0.00	12.00 -1.75 44.13	23.89 -0.93 0.00	22.32 -0.92 0.00	23.04 -0.84 0.00	21.88 -0.81 0.00	22.07 -0.80 0.00	19.36 -0.73 0.00	19.69 -0.52 0.00

QUENSBRY_I15KV_TB8 356137	19.60 1.16 0.00	17.49 0.99 0.00	17.04 0.92 0.00	16.16 0.88 0.00	15.66 0.87 0.00	15.04 0.89 0.00	18.16 1.13 0.00	21.44 1.41 0.00	20.41 1.32 0.00	21.68 1.37 0.00	22.11 1.38 0.00	22.51 1.35 0.00	23.54 1.58 0.00	22.56 1.50 0.00	22.38 1.44 -0.73	22.61 1.46 -1.57	62.04 4.16 0.00	26.58 1.77 0.00	24.97 1.73 0.00	25.46 1.58 0.00	24.31 1.62 0.00	24.33 1.45 0.00	21.70 1.61 0.00	21.83 1.63 0.00
RAMAPO____LBMP 323565	19.11 0.67 0.00	17.04 0.55 0.00	16.58 0.46 0.00	15.72 0.44 0.00	15.22 0.43 0.00	14.59 0.43 0.00	17.53 0.51 0.00	20.77 0.73 0.00	19.86 0.77 0.00	21.26 0.95 0.00	21.74 1.01 0.00	22.27 1.11 0.00	23.32 1.35 0.00	22.38 1.32 0.00	18.20 1.26 3.27	14.16 1.20 6.62	61.07 3.20 0.00	26.25 1.44 0.00	24.58 1.33 0.00	25.16 1.28 0.00	23.90 1.21 0.00	24.04 1.16 0.00	21.04 0.96 0.00	21.11 0.91 0.00
RANKINE____ 23646	18.26 -0.18 0.00	16.43 -0.07 0.00	16.00 -0.12 0.00	15.20 -0.08 0.00	14.74 -0.06 0.00	14.27 0.11 0.00	17.12 0.10 0.00	19.99 -0.04 0.00	19.19 0.10 0.00	20.48 0.16 0.00	20.91 0.17 0.00	21.14 -0.02 0.00	21.87 -0.10 0.00	20.85 -0.22 0.00	19.93 -0.28 0.00	19.23 -0.35 0.00	20.17 -0.71 37.00	24.14 -0.68 0.00	22.53 -0.72 0.00	23.39 -0.49 0.00	22.20 -0.49 0.00	22.44 -0.43 0.00	19.74 -0.35 0.00	20.36 0.15 0.00
RAVENSWOOD_GT2_1 24244	19.31 0.87 0.00	17.22 0.73 0.00	16.75 0.63 0.00	15.88 0.60 0.00	15.38 0.58 0.00	14.75 0.59 0.00	17.72 0.70 0.00	21.00 0.97 0.00	20.13 1.04 0.00	21.56 1.25 0.00	22.03 1.30 0.00	22.58 1.42 0.00	23.64 1.68 0.00	22.70 1.63 0.00	24.94 1.57 -3.17	27.81 1.51 -6.71	61.88 4.00 0.00	26.59 1.77 0.00	24.92 1.67 0.00	25.44 1.56 0.00	24.16 1.47 0.00	24.29 1.41 0.00	21.28 1.19 0.00	21.33 1.12 0.00
RAVENSWOOD_GT2_2 24245	19.31 0.87 0.00	17.22 0.73 0.00	16.75 0.63 0.00	15.88 0.60 0.00	15.38 0.58 0.00	14.75 0.59 0.00	17.72 0.70 0.00	21.00 0.97 0.00	20.13 1.04 0.00	21.56 1.25 0.00	22.03 1.30 0.00	22.58 1.42 0.00	23.64 1.68 0.00	22.70 1.63 0.00	24.94 1.57 -3.17	27.81 1.51 -6.71	61.88 4.00 0.00	26.59 1.77 0.00	24.92 1.67 0.00	25.44 1.56 0.00	24.16 1.47 0.00	24.29 1.41 0.00	21.28 1.19 0.00	21.33 1.12 0.00
RAVENSWOOD_GT2_3 24246	19.32 0.88 0.00	17.23 0.73 0.00	16.76 0.64 0.00	15.88 0.60 0.00	15.38 0.59 0.00	14.76 0.60 0.00	17.73 0.71 0.00	21.01 0.98 0.00	20.14 1.04 0.00	21.57 1.25 0.00	22.05 1.32 0.00	22.60 1.43 0.00	23.66 1.69 0.00	22.71 1.65 0.00	24.96 1.59 -3.17	27.82 1.52 -6.71	61.89 4.02 0.00	26.61 1.79 0.00	24.93 1.68 0.00	25.46 1.58 0.00	24.18 1.49 0.00	24.30 1.43 0.00	21.29 1.21 0.00	21.34 1.13 0.00
RAVENSWOOD_GT2_4 24247	19.32 0.88 0.00	17.23 0.73 0.00	16.76 0.64 0.00	15.88 0.60 0.00	15.38 0.59 0.00	14.76 0.60 0.00	17.73 0.71 0.00	21.01 0.98 0.00	20.14 1.04 0.00	21.57 1.25 0.00	22.05 1.32 0.00	22.60 1.43 0.00	23.66 1.69 0.00	22.71 1.65 0.00	24.96 1.59 -3.17	27.82 1.52 -6.71	61.89 4.02 0.00	26.61 1.79 0.00	24.93 1.68 0.00	25.46 1.58 0.00	24.18 1.49 0.00	24.30 1.43 0.00	21.29 1.21 0.00	21.34 1.13 0.00
RAVENSWOOD_GT3_1 24248	19.31 0.87 0.00	17.22 0.73 0.00	16.75 0.63 0.00	15.87 0.59 0.00	15.38 0.58 0.00	14.75 0.59 0.00	17.72 0.69 0.00	21.00 0.97 0.00	20.13 1.04 0.00	21.56 1.25 0.00	22.03 1.30 0.00	22.58 1.42 0.00	23.64 1.68 0.00	22.70 1.64 0.00	24.94 1.57 -3.17	27.80 1.51 -6.71	61.87 3.99 0.00	26.59 1.77 0.00	24.92 1.67 0.00	25.44 1.56 0.00	24.16 1.47 0.00	24.29 1.41 0.00	21.28 1.19 0.00	21.33 1.12 0.00
RAVENSWOOD_GT3_2 24249	19.31 0.87 0.00	17.22 0.73 0.00	16.75 0.63 0.00	15.87 0.59 0.00	15.38 0.58 0.00	14.75 0.59 0.00	17.72 0.69 0.00	21.00 0.97 0.00	20.13 1.04 0.00	21.56 1.25 0.00	22.03 1.30 0.00	22.58 1.42 0.00	23.64 1.68 0.00	22.70 1.64 0.00	24.94 1.57 -3.17	27.80 1.51 -6.71	61.87 3.99 0.00	26.59 1.77 0.00	24.92 1.67 0.00	25.44 1.56 0.00	24.16 1.47 0.00	24.29 1.41 0.00	21.28 1.19 0.00	21.33 1.12 0.00
RAVENSWOOD_GT3_3 24250	19.34 0.91 0.00	17.25 0.75 0.00	16.77 0.65 0.00	15.90 0.62 0.00	15.40 0.60 0.00	14.77 0.61 0.00	17.75 0.73 0.00	21.04 1.01 0.00	20.16 1.07 0.00	21.61 1.29 0.00	22.09 1.36 0.00	22.63 1.46 0.00	23.70 1.73 0.00	22.74 1.68 0.00	24.99 1.62 -3.17	27.85 1.55 -6.71	61.99 4.12 0.00	26.64 1.82 0.00	24.96 1.72 0.00	25.49 1.61 0.00	24.21 1.52 0.00	24.33 1.46 0.00	21.32 1.23 0.00	21.37 1.16 0.00
RAVENSWOOD_GT3_4 24251	19.34 0.90 0.00	17.25 0.75 0.00	16.77 0.65 0.00	15.90 0.62 0.00	15.40 0.60 0.00	14.77 0.61 0.00	17.75 0.73 0.00	21.03 1.00 0.00	20.16 1.07 0.00	21.60 1.29 0.00	22.08 1.35 0.00	22.62 1.46 0.00	23.70 1.73 0.00	22.74 1.68 0.00	24.99 1.62 -3.17	27.84 1.55 -6.71	61.99 4.12 0.00	26.64 1.82 0.00	24.96 1.71 0.00	25.49 1.61 0.00	24.21 1.52 0.00	24.33 1.46 0.00	21.31 1.23 0.00	21.37 1.16 0.00
RAVENSWOOD_GT_1 23729	19.34 0.90 0.00	17.24 0.75 0.00	16.77 0.65 0.00	15.89 0.61 0.00	15.39 0.60 0.00	14.77 0.61 0.00	17.75 0.73 0.00	21.03 1.00 0.00	20.17 1.08 0.00	21.60 1.29 0.00	22.09 1.35 0.00	22.63 1.47 0.00	23.70 1.74 0.00	22.75 1.69 0.00	24.99 1.62 -3.17	27.85 1.55 -6.71	61.92 4.05 0.00	26.63 1.82 0.00	24.96 1.71 0.00	25.49 1.61 0.00	24.20 1.51 0.00	24.32 1.45 0.00	21.30 1.22 0.00	21.36 1.15 0.00
RAVENSWOOD_GT_10 24258	19.31 0.88 0.00	17.22 0.73 0.00	16.75 0.63 0.00	15.87 0.59 0.00	15.38 0.58 0.00	14.75 0.59 0.00	17.72 0.70 0.00	21.00 0.97 0.00	20.12 1.03 0.00	21.57 1.25 0.00	22.04 1.31 0.00	22.58 1.42 0.00	23.64 1.68 0.00	22.69 1.63 0.00	24.94 1.57 -3.17	27.81 1.51 -6.71	61.87 4.00 0.00	26.59 1.77 0.00	24.92 1.67 0.00	25.44 1.56 0.00	24.16 1.47 0.00	24.29 1.41 0.00	21.28 1.19 0.00	21.33 1.12 0.00
RAVENSWOOD_GT_11 24259	19.31 0.87 0.00	17.22 0.73 0.00	16.75 0.63 0.00	15.87 0.59 0.00	15.38 0.58 0.00	14.75 0.59 0.00	17.72 0.69 0.00	21.00 0.97 0.00	20.13 1.03 0.00	21.56 1.25 0.00	22.03 1.30 0.00	22.58 1.42 0.00	23.64 1.68 0.00	22.70 1.63 0.00	24.94 1.57 -3.17	27.80 1.51 -6.71	61.88 4.00 0.00	26.59 1.77 0.00	24.92 1.67 0.00	25.44 1.56 0.00	24.16 1.47 0.00	24.29 1.41 0.00	21.28 1.19 0.00	21.33 1.12 0.00
RAVENSWOOD_GT_4 24252	19.31 0.88 0.00	17.23 0.73 0.00	16.75 0.64 0.00	15.88 0.60 0.00	15.38 0.59 0.00	14.75 0.59 0.00	17.73 0.70 0.00	21.01 0.98 0.00	20.13 1.04 0.00	21.57 1.25 0.00	22.04 1.31 0.00	22.58 1.42 0.00	23.65 1.69 0.00	22.70 1.64 0.00	24.95 1.58 -3.17	27.81 1.51 -6.71	61.88 4.01 0.00	26.60 1.78 0.00	24.92 1.67 0.00	25.45 1.57 0.00	24.16 1.48 0.00	24.30 1.42 0.00	21.28 1.20 0.00	21.34 1.13 0.00



RAVENSWOOD_GT_5 24254	19.31 0.88 0.00	17.23 0.73 0.00	16.75 0.64 0.00	15.88 0.60 0.00	15.38 0.59 0.00	14.75 0.59 0.00	17.73 0.70 0.00	21.01 0.98 0.00	20.13 1.04 0.00	21.57 1.25 0.00	22.04 1.31 0.00	22.58 1.42 0.00	23.65 1.69 0.00	22.70 1.64 0.00	24.95 1.58 -3.17	27.81 1.51 -6.71	61.88 4.01 0.00	26.60 1.78 0.00	24.92 1.67 0.00	25.45 1.57 0.00	24.16 1.48 0.00	24.30 1.42 0.00	21.28 1.20 0.00	21.34 1.13 0.00
RAVENSWOOD_GT_6 24253	19.31 0.88 0.00	17.23 0.73 0.00	16.75 0.64 0.00	15.88 0.60 0.00	15.38 0.59 0.00	14.75 0.59 0.00	17.73 0.70 0.00	21.01 0.98 0.00	20.13 1.04 0.00	21.57 1.25 0.00	22.04 1.31 0.00	22.58 1.42 0.00	23.65 1.69 0.00	22.70 1.64 0.00	24.95 1.58 -3.17	27.81 1.51 -6.71	61.88 4.01 0.00	26.60 1.78 0.00	24.92 1.67 0.00	25.45 1.57 0.00	24.16 1.48 0.00	24.30 1.42 0.00	21.28 1.20 0.00	21.34 1.13 0.00
RAVENSWOOD_GT_7 24255	19.31 0.88 0.00	17.23 0.73 0.00	16.75 0.64 0.00	15.88 0.60 0.00	15.38 0.59 0.00	14.75 0.59 0.00	17.73 0.70 0.00	21.01 0.98 0.00	20.13 1.04 0.00	21.57 1.25 0.00	22.04 1.31 0.00	22.58 1.42 0.00	23.65 1.69 0.00	22.70 1.64 0.00	24.95 1.58 -3.17	27.81 1.51 -6.71	61.88 4.01 0.00	26.60 1.78 0.00	24.92 1.67 0.00	25.45 1.57 0.00	24.16 1.48 0.00	24.30 1.42 0.00	21.28 1.20 0.00	21.34 1.13 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	19.31 0.88 0.00	17.22 0.73 0.00	16.75 0.63 0.00	15.87 0.59 0.00	15.38 0.58 0.00	14.75 0.59 0.00	17.72 0.70 0.00	21.00 0.97 0.00	20.12 1.03 0.00	21.57 1.25 0.00	22.04 1.31 0.00	22.58 1.42 0.00	23.64 1.68 0.00	22.69 1.63 0.00	24.94 1.57 -3.17	27.81 1.51 -6.71	61.87 4.00 0.00	26.59 1.77 0.00	24.92 1.67 0.00	25.44 1.56 0.00	24.16 1.47 0.00	24.29 1.41 0.00	21.28 1.19 0.00	21.33 1.12 0.00
RAVENSWOOD_GT_9 24257	19.31 0.87 0.00	17.22 0.73 0.00	16.75 0.63 0.00	15.87 0.59 0.00	15.38 0.58 0.00	14.75 0.59 0.00	17.72 0.69 0.00	21.00 0.97 0.00	20.13 1.03 0.00	21.56 1.25 0.00	22.03 1.30 0.00	22.58 1.42 0.00	23.64 1.68 0.00	22.70 1.63 0.00	24.94 1.57 -3.17	27.80 1.51 -6.71	61.88 4.00 0.00	26.59 1.77 0.00	24.92 1.67 0.00	25.44 1.56 0.00	24.16 1.47 0.00	24.29 1.41 0.00	21.28 1.19 0.00	21.33 1.12 0.00
RAVENSWOOD___1 23533	19.31 0.87 0.00	17.22 0.72 0.00	16.74 0.63 0.00	15.87 0.59 0.00	15.37 0.58 0.00	14.75 0.59 0.00	17.72 0.70 0.00	20.99 0.96 0.00	20.14 1.05 0.00	21.57 1.25 0.00	22.04 1.31 0.00	22.59 1.43 0.00	23.66 1.69 0.00	22.71 1.65 0.00	24.95 1.58 -3.17	27.81 1.51 -6.71	61.81 3.94 0.00	26.59 1.78 0.00	24.92 1.68 0.00	25.44 1.56 0.00	24.16 1.48 0.00	24.29 1.41 0.00	21.28 1.19 0.00	21.33 1.12 0.00
RAVENSWOOD___2 23534	19.31 0.87 0.00	17.22 0.72 0.00	16.74 0.63 0.00	15.87 0.59 0.00	15.37 0.58 0.00	14.75 0.59 0.00	17.72 0.70 0.00	20.99 0.96 0.00	20.14 1.05 0.00	21.57 1.25 0.00	22.04 1.31 0.00	22.59 1.43 0.00	23.66 1.69 0.00	22.71 1.65 0.00	24.95 1.58 -3.17	27.81 1.51 -6.71	61.81 3.94 0.00	26.59 1.78 0.00	24.92 1.68 0.00	25.44 1.56 0.00	24.16 1.48 0.00	24.29 1.41 0.00	21.28 1.19 0.00	21.33 1.12 0.00
RAVENSWOOD___3 23535	19.31 0.88 0.00	17.22 0.73 0.00	16.75 0.63 0.00	15.88 0.60 0.00	15.38 0.58 0.00	14.75 0.59 0.00	17.72 0.70 0.00	21.00 0.97 0.00	20.13 1.04 0.00	21.57 1.25 0.00	22.04 1.30 0.00	22.58 1.42 0.00	23.65 1.69 0.00	22.70 1.64 0.00	24.94 1.57 -3.17	27.81 1.51 -6.71	61.88 4.00 0.00	26.59 1.77 0.00	24.92 1.67 0.00	25.44 1.56 0.00	24.16 1.48 0.00	24.29 1.42 0.00	21.28 1.20 0.00	21.33 1.12 0.00
RAVENSWOOD___4 23820	19.31 0.87 0.00	17.22 0.72 0.00	16.74 0.63 0.00	15.87 0.59 0.00	15.37 0.58 0.00	14.75 0.59 0.00	17.72 0.70 0.00	20.99 0.96 0.00	20.14 1.05 0.00	21.57 1.25 0.00	22.04 1.31 0.00	22.59 1.43 0.00	23.66 1.69 0.00	22.71 1.65 0.00	24.95 1.58 -3.17	27.81 1.51 -6.71	61.81 3.94 0.00	26.59 1.78 0.00	24.92 1.68 0.00	25.44 1.56 0.00	24.16 1.48 0.00	24.29 1.41 0.00	21.28 1.19 0.00	21.33 1.12 0.00
RCPL_TRUST___DRP 24196	19.32 0.88 0.00	17.23 0.73 0.00	16.75 0.63 0.00	15.88 0.60 0.00	15.38 0.59 0.00	14.76 0.60 0.00	17.73 0.71 0.00	21.03 1.00 0.00	20.15 1.06 0.00	21.59 1.27 0.00	22.08 1.34 0.00	22.63 1.46 0.00	23.70 1.73 0.00	22.74 1.68 0.00	24.98 1.61 -3.17	27.85 1.55 -6.72	61.99 4.11 0.00	26.64 1.82 0.00	24.95 1.70 0.00	25.48 1.60 0.00	24.18 1.50 0.00	24.31 1.44 0.00	21.30 1.21 0.00	21.35 1.14 0.00
RED___ROCHESTER 323720	18.45 0.02 0.00	16.55 0.05 0.00	16.13 0.01 0.00	15.29 0.01 0.00	14.82 0.03 0.00	14.31 0.14 0.00	17.21 0.18 0.00	20.16 0.13 0.00	19.33 0.24 0.00	20.61 0.30 0.00	21.05 0.32 0.00	21.34 0.18 0.00	22.09 0.12 0.00	21.12 0.06 0.00	20.26 0.05 0.00	19.59 0.01 0.00	14.13 0.20 43.95	24.65 -0.16 0.00	23.02 -0.22 0.00	23.78 -0.10 0.00	22.59 -0.10 0.00	22.79 -0.08 0.00	20.00 -0.09 0.00	20.38 0.17 0.00
REGAN___SOLAR 323812	20.16 1.73 0.00	17.96 1.47 0.00	17.54 1.42 0.00	16.61 1.33 0.00	16.10 1.30 0.00	15.49 1.33 0.00	18.67 1.64 0.00	22.00 1.97 0.00	20.94 1.85 0.00	22.26 1.95 0.00	22.69 1.96 0.00	22.93 1.77 0.00	24.35 2.39 0.00	23.30 2.24 0.00	22.77 2.00 -0.57	22.66 1.86 -1.21	63.45 5.57 0.00	27.30 2.48 0.00	25.56 2.32 0.00	26.25 2.37 0.00	25.03 2.34 0.00	25.24 2.37 0.00	21.78 1.69 0.00	21.89 1.68 0.00
RENSSELAER___COGEN 23796	18.82 0.38 0.00	16.90 0.41 0.00	16.49 0.37 0.00	15.64 0.37 0.00	15.14 0.34 0.00	14.45 0.29 0.00	17.32 0.30 0.00	20.39 0.35 0.00	19.44 0.35 0.00	20.70 0.38 0.00	21.11 0.37 0.00	21.59 0.43 0.00	22.52 0.55 0.00	21.61 0.55 0.00	21.52 0.55 -0.76	21.75 0.53 -1.63	59.21 1.33 0.00	25.40 0.58 0.00	23.82 0.57 0.00	24.45 0.57 0.00	23.23 0.55 0.00	23.37 0.50 0.00	20.51 0.42 0.00	20.59 0.38 0.00
REPUBLIC_115KV_BARTNBRK 55605	20.45 2.01 0.00	18.18 1.68 0.00	17.70 1.58 0.00	16.81 1.53 0.00	16.34 1.54 0.00	15.76 1.60 0.00	19.11 2.09 0.00	22.58 2.55 0.00	21.37 2.28 0.00	22.67 2.35 0.00	23.08 2.35 0.00	23.53 2.37 0.00	24.63 2.67 0.00	23.54 2.48 0.00	23.30 2.36 -0.73	23.55 2.39 -1.57	64.86 6.98 0.00	27.71 2.89 0.00	26.11 2.86 0.00	26.41 2.53 0.00	25.24 2.55 0.00	25.35 2.48 0.00	22.34 2.25 0.00	22.44 2.23 0.00
REVERE_CPPR_DRP 24186	18.96 0.52 0.00	16.93 0.44 0.00	16.52 0.40 0.00	15.66 0.38 0.00	15.18 0.39 0.00	14.58 0.42 0.00	17.57 0.54 0.00	20.71 0.68 0.00	19.77 0.68 0.00	21.04 0.72 0.00	21.50 0.76 0.00	22.00 0.83 0.00	22.84 0.87 0.00	21.90 0.84 0.00	20.93 0.72 0.00	20.22 0.63 0.00	52.63 1.77 7.01	25.61 0.79 0.00	24.03 0.79 0.00	24.70 0.81 0.00	23.44 0.76 0.00	23.66 0.79 0.00	20.76 0.66 0.00	20.87 0.66 0.00

REYNOLDS_115KV_TB3 80639	19.01 0.57 0.00	17.03 0.54 0.00	16.62 0.50 0.00	15.75 0.47 0.00	15.24 0.45 0.00	14.57 0.41 0.00	17.46 0.43 0.00	20.56 0.53 0.00	19.61 0.52 0.00	20.88 0.56 0.00	21.27 0.54 0.00	21.74 0.58 0.00	22.67 0.70 0.00	21.76 0.69 0.00	21.73 0.72 -0.81	22.00 0.69 -1.73	59.64 1.76 0.00	25.62 0.80 0.00	24.01 0.76 0.00	24.66 0.78 0.00	23.43 0.74 0.00	23.56 0.69 0.00	20.69 0.60 0.00	20.78 0.57 0.00
RIVERBAY____ 323610	19.30 0.86 0.00	17.17 0.67 0.00	16.70 0.58 0.00	15.83 0.55 0.00	15.33 0.54 0.00	14.72 0.56 0.00	17.69 0.66 0.00	20.93 0.90 0.00	20.09 1.00 0.00	21.48 1.16 0.00	21.97 1.23 0.00	22.58 1.42 0.00	23.63 1.67 0.00	22.69 1.63 0.00	24.86 1.49 -3.17	27.70 1.40 -6.71	61.40 3.52 0.00	26.47 1.66 0.00	24.81 1.56 0.00	25.36 1.48 0.00	24.10 1.41 0.00	24.22 1.35 0.00	21.22 1.13 0.00	21.25 1.04 0.00
RIVERSDE_115KV_TB3 55908	18.90 0.46 0.00	16.97 0.47 0.00	16.56 0.44 0.00	15.70 0.42 0.00	15.19 0.40 0.00	14.51 0.35 0.00	17.38 0.36 0.00	20.47 0.44 0.00	19.52 0.43 0.00	20.79 0.47 0.00	21.20 0.47 0.00	21.68 0.52 0.00	22.62 0.66 0.00	21.71 0.64 0.00	21.63 0.65 -0.77	21.86 0.63 -1.65	59.45 1.58 0.00	25.51 0.70 0.00	23.91 0.67 0.00	24.56 0.67 0.00	23.33 0.64 0.00	23.46 0.59 0.00	20.59 0.50 0.00	20.68 0.46 0.00
ROARING____BROOK_WT_PWR 323790	18.36 -0.08 0.00	16.38 -0.11 0.00	15.98 -0.14 0.00	15.11 -0.16 0.00	14.64 -0.15 0.00	14.02 -0.14 0.00	16.94 -0.09 0.00	19.95 -0.08 0.00	18.93 -0.16 0.00	20.03 -0.28 0.00	20.50 -0.23 0.00	20.85 -0.31 0.00	21.61 -0.35 0.00	20.81 -0.25 0.00	20.02 -0.18 0.00	19.45 -0.13 0.00	57.47 -0.41 0.00	24.68 -0.14 0.00	23.09 -0.16 0.00	23.71 -0.17 0.00	22.43 -0.26 0.00	22.58 -0.29 0.00	19.87 -0.22 0.00	19.96 -0.25 0.00
ROCHESRG_115KV_T4 355643	18.27 -0.17 0.00	16.39 -0.10 0.00	15.98 -0.14 0.00	15.15 -0.13 0.00	14.69 -0.11 0.00	14.17 0.01 0.00	17.04 0.01 0.00	19.95 -0.08 0.00	19.11 0.02 0.00	20.36 0.04 0.00	20.78 0.04 0.00	21.08 -0.08 0.00	21.82 -0.14 0.00	20.86 -0.20 0.00	19.99 -0.22 0.00	19.33 -0.25 0.00	12.68 -0.56 44.63	24.35 -0.47 0.00	22.74 -0.51 0.00	23.50 -0.39 0.00	22.32 -0.37 0.00	22.52 -0.35 0.00	19.77 -0.31 0.00	20.17 -0.04 0.00
ROCHESTER_9_IC 23652	18.37 -0.07 0.00	16.48 -0.01 0.00	16.06 -0.06 0.00	15.23 -0.05 0.00	14.76 -0.04 0.00	14.25 0.09 0.00	17.14 0.11 0.00	20.07 0.04 0.00	19.23 0.14 0.00	20.49 0.18 0.00	20.92 0.19 0.00	21.22 0.06 0.00	21.97 0.00 0.00	21.00 -0.06 0.00	20.12 -0.09 0.00	19.47 -0.12 0.00	13.76 -0.17 43.95	24.51 -0.31 0.00	22.89 -0.36 0.00	23.65 -0.23 0.00	22.46 -0.23 0.00	22.66 -0.21 0.00	19.89 -0.20 0.00	20.27 0.07 0.00
ROCKVIEW_13_KV_LD 356306	19.33 0.89 0.00	17.24 0.74 0.00	16.76 0.64 0.00	15.89 0.61 0.00	15.39 0.60 0.00	14.76 0.60 0.00	17.75 0.72 0.00	21.02 0.99 0.00	20.13 1.04 0.00	21.56 1.24 0.00	22.04 1.30 0.00	22.58 1.42 0.00	23.63 1.67 0.00	22.69 1.63 0.00	24.93 1.56 -3.17	27.79 1.50 -6.71	61.88 4.00 0.00	26.59 1.77 0.00	24.91 1.66 0.00	25.45 1.57 0.00	24.17 1.48 0.00	24.30 1.42 0.00	21.28 1.19 0.00	21.34 1.13 0.00
ROME____115KV_TB2 80656	18.96 0.52 0.00	16.93 0.44 0.00	16.52 0.40 0.00	15.66 0.38 0.00	15.18 0.39 0.00	14.58 0.42 0.00	17.57 0.54 0.00	20.71 0.68 0.00	19.77 0.68 0.00	21.04 0.72 0.00	21.50 0.76 0.00	22.00 0.83 0.00	22.84 0.87 0.00	21.90 0.84 0.00	20.93 0.72 0.00	20.22 0.63 0.00	52.63 1.77 7.01	25.61 0.79 0.00	24.03 0.79 0.00	24.70 0.81 0.00	23.44 0.76 0.00	23.66 0.79 0.00	20.76 0.66 0.00	20.87 0.66 0.00
ROSETON____1 23587	19.14 0.70 0.00	17.09 0.59 0.00	16.63 0.51 0.00	15.76 0.48 0.00	15.26 0.46 0.00	14.63 0.47 0.00	17.59 0.56 0.00	20.80 0.77 0.00	19.88 0.79 0.00	21.27 0.95 0.00	21.71 0.98 0.00	22.24 1.08 0.00	23.26 1.29 0.00	22.32 1.25 0.00	19.51 1.23 1.92	16.85 1.16 3.90	60.94 3.06 0.00	26.17 1.36 0.00	24.52 1.28 0.00	25.11 1.23 0.00	23.86 1.17 0.00	23.99 1.12 0.00	21.03 0.94 0.00	21.09 0.89 0.00
ROSETON____2 23588	19.14 0.70 0.00	17.09 0.59 0.00	16.63 0.51 0.00	15.76 0.48 0.00	15.26 0.46 0.00	14.63 0.47 0.00	17.59 0.56 0.00	20.80 0.77 0.00	19.88 0.79 0.00	21.27 0.95 0.00	21.71 0.98 0.00	22.24 1.08 0.00	23.26 1.29 0.00	22.32 1.25 0.00	19.51 1.23 1.92	16.85 1.16 3.90	60.94 3.06 0.00	26.17 1.36 0.00	24.52 1.28 0.00	25.11 1.23 0.00	23.86 1.17 0.00	23.99 1.12 0.00	21.03 0.94 0.00	21.09 0.89 0.00
ROTTSDAM_115KV_TB3 80664	19.12 0.68 0.00	17.08 0.59 0.00	16.66 0.54 0.00	15.79 0.51 0.00	15.29 0.49 0.00	14.64 0.49 0.00	17.62 0.59 0.00	20.77 0.74 0.00	19.81 0.72 0.00	21.09 0.77 0.00	21.51 0.78 0.00	22.01 0.85 0.00	22.95 0.98 0.00	22.01 0.95 0.00	21.81 0.91 -0.69	21.93 0.87 -1.48	60.27 2.39 0.00	25.84 1.02 0.00	24.24 0.99 0.00	24.87 0.99 0.00	23.64 0.96 0.00	23.78 0.90 0.00	20.91 0.82 0.00	21.00 0.79 0.00
RUSSELL____1 23602	18.45 0.01 0.00	16.55 0.06 0.00	16.13 0.01 0.00	15.29 0.01 0.00	14.82 0.03 0.00	14.31 0.15 0.00	17.21 0.18 0.00	20.16 0.14 0.00	19.33 0.24 0.00	20.61 0.29 0.00	21.04 0.31 0.00	21.34 0.18 0.00	22.09 0.12 0.00	21.12 0.06 0.00	20.24 0.03 0.00	19.58 0.00 0.00	14.08 0.15 43.95	24.65 -0.17 0.00	23.02 -0.22 0.00	23.78 -0.10 0.00	22.59 -0.10 0.00	22.79 -0.08 0.00	20.00 -0.09 0.00	20.38 0.17 0.00
RUSSELL____2 23532	18.45 0.01 0.00	16.55 0.06 0.00	16.13 0.01 0.00	15.29 0.01 0.00	14.82 0.03 0.00	14.31 0.15 0.00	17.21 0.18 0.00	20.16 0.14 0.00	19.33 0.24 0.00	20.61 0.29 0.00	21.04 0.31 0.00	21.34 0.18 0.00	22.09 0.12 0.00	21.12 0.06 0.00	20.24 0.03 0.00	19.58 0.00 0.00	14.08 0.15 43.95	24.65 -0.17 0.00	23.02 -0.22 0.00	23.78 -0.10 0.00	22.59 -0.10 0.00	22.79 -0.08 0.00	20.00 -0.09 0.00	20.38 0.17 0.00
RUSSELL____3 23549	18.45 0.01 0.00	16.55 0.06 0.00	16.13 0.01 0.00	15.29 0.01 0.00	14.82 0.03 0.00	14.31 0.15 0.00	17.21 0.18 0.00	20.16 0.14 0.00	19.33 0.24 0.00	20.61 0.29 0.00	21.04 0.31 0.00	21.34 0.18 0.00	22.09 0.12 0.00	21.12 0.06 0.00	20.24 0.03 0.00	19.58 0.00 0.00	14.08 0.15 43.95	24.65 -0.17 0.00	23.02 -0.22 0.00	23.78 -0.10 0.00	22.59 -0.10 0.00	22.79 -0.08 0.00	20.00 -0.09 0.00	20.38 0.17 0.00
RUSSELL____4 23556	18.45 0.01 0.00	16.55 0.06 0.00	16.13 0.01 0.00	15.29 0.01 0.00	14.82 0.03 0.00	14.31 0.15 0.00	17.21 0.18 0.00	20.16 0.14 0.00	19.33 0.24 0.00	20.61 0.29 0.00	21.04 0.31 0.00	21.34 0.18 0.00	22.09 0.12 0.00	21.12 0.06 0.00	20.24 0.03 0.00	19.58 0.00 0.00	14.08 0.15 43.95	24.65 -0.17 0.00	23.02 -0.22 0.00	23.78 -0.10 0.00	22.59 -0.10 0.00	22.79 -0.08 0.00	20.00 -0.09 0.00	20.38 0.17 0.00

RUSSELL___STATION 23914	18.45 0.01 0.00	16.55 0.06 0.00	16.13 0.01 0.00	15.29 0.01 0.00	14.82 0.03 0.00	14.31 0.15 0.00	17.21 0.18 0.00	20.16 0.14 0.00	19.33 0.24 0.00	20.61 0.29 0.00	21.04 0.31 0.00	21.34 0.18 0.00	22.09 0.12 0.00	21.12 0.06 0.00	20.24 0.03 0.00	19.58 0.00 0.00	14.08 0.15 43.95	24.65 -0.17 0.00	23.02 -0.22 0.00	23.78 -0.10 0.00	22.59 -0.10 0.00	22.79 -0.08 0.00	20.00 -0.09 0.00	20.38 0.17 0.00
S SALMON___HYD 24043	18.40 -0.04 0.00	16.46 -0.04 0.00	16.04 -0.08 0.00	15.21 -0.07 0.00	14.75 -0.05 0.00	14.17 0.01 0.00	17.07 0.04 0.00	20.11 0.08 0.00	19.16 0.07 0.00	20.31 -0.01 0.00	20.73 0.00 0.00	21.13 -0.03 0.00	21.85 -0.12 0.00	20.92 -0.14 0.00	20.05 -0.15 0.00	19.40 -0.18 0.00	72.08 -0.63 -14.84	24.56 -0.25 0.00	23.07 -0.18 0.00	23.69 -0.19 0.00	22.46 -0.23 0.00	22.73 -0.14 0.00	19.88 -0.21 0.00	20.05 -0.17 0.00
S.PERRY___115KV_TB1 80734	18.77 0.33 0.00	16.86 0.37 0.00	16.42 0.30 0.00	15.59 0.31 0.00	15.14 0.35 0.00	14.65 0.49 0.00	17.66 0.63 0.00	20.71 0.68 0.00	19.84 0.75 0.00	21.14 0.82 0.00	21.56 0.82 0.00	21.80 0.64 0.00	22.45 0.49 0.00	21.30 0.24 0.00	20.23 0.02 0.00	19.53 -0.05 0.00	24.42 0.28 33.74	24.63 -0.18 0.00	23.21 -0.03 0.00	24.13 0.25 0.00	22.97 0.29 0.00	23.18 0.31 0.00	20.32 0.23 0.00	20.84 0.62 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	18.14 -0.30 0.00	16.33 -0.17 0.00	15.90 -0.22 0.00	15.10 -0.18 0.00	14.63 -0.16 0.00	14.16 0.00 0.00	16.99 -0.04 0.00	19.79 -0.23 0.00	19.01 -0.08 0.00	20.28 -0.04 0.00	20.69 -0.05 0.00	20.92 -0.25 0.00	21.63 -0.34 0.00	20.63 -0.43 0.00	19.75 -0.46 0.00	19.07 -0.51 0.00	18.22 -1.22 38.44	23.93 -0.88 0.00	22.32 -0.93 0.00	23.17 -0.71 0.00	21.99 -0.70 0.00	22.23 -0.64 0.00	19.59 -0.50 0.00	20.20 -0.01 0.00
SAWYER___23_KV_LOAD 55526	18.14 -0.30 0.00	16.33 -0.17 0.00	15.90 -0.22 0.00	15.10 -0.18 0.00	14.63 -0.16 0.00	14.16 0.00 0.00	16.99 -0.04 0.00	19.79 -0.23 0.00	19.01 -0.08 0.00	20.28 -0.04 0.00	20.69 -0.05 0.00	20.92 -0.25 0.00	21.63 -0.34 0.00	20.63 -0.43 0.00	19.75 -0.46 0.00	19.07 -0.51 0.00	18.22 -1.22 38.44	23.93 -0.88 0.00	22.32 -0.93 0.00	23.17 -0.71 0.00	21.99 -0.70 0.00	22.23 -0.64 0.00	19.59 -0.50 0.00	20.20 -0.01 0.00
SELKIRK___I 23801	19.01 0.58 0.00	17.06 0.56 0.00	16.65 0.53 0.00	15.79 0.51 0.00	15.28 0.48 0.00	14.60 0.44 0.00	17.50 0.48 0.00	20.59 0.56 0.00	19.64 0.54 0.00	20.89 0.57 0.00	21.29 0.56 0.00	21.77 0.61 0.00	22.71 0.74 0.00	21.79 0.73 0.00	21.58 0.71 -0.66	21.69 0.69 -1.42	59.71 1.83 0.00	25.59 0.78 0.00	24.04 0.79 0.00	24.67 0.78 0.00	23.44 0.75 0.00	23.57 0.70 0.00	20.70 0.61 0.00	20.80 0.59 0.00
SELKIRK___II 23799	18.89 0.45 0.00	16.94 0.44 0.00	16.53 0.40 0.00	15.67 0.39 0.00	15.16 0.37 0.00	14.49 0.33 0.00	17.38 0.35 0.00	20.47 0.44 0.00	19.52 0.42 0.00	20.78 0.47 0.00	21.20 0.47 0.00	21.68 0.51 0.00	22.61 0.64 0.00	21.70 0.63 0.00	21.55 0.63 -0.71	21.72 0.60 -1.54	59.44 1.56 0.00	25.49 0.67 0.00	23.91 0.67 0.00	24.54 0.66 0.00	23.32 0.63 0.00	23.46 0.59 0.00	20.59 0.50 0.00	20.68 0.47 0.00
SENECA OSWGO___HYD 24041	18.15 -0.28 0.00	16.25 -0.25 0.00	15.85 -0.27 0.00	15.03 -0.25 0.00	14.57 -0.22 0.00	13.99 -0.17 0.00	16.81 -0.22 0.00	19.76 -0.27 0.00	18.84 -0.25 0.00	20.00 -0.32 0.00	20.40 -0.33 0.00	20.81 -0.35 0.00	21.60 -0.37 0.00	20.70 -0.37 0.00	19.83 -0.37 0.00	19.19 -0.40 0.00	86.56 -1.26 -29.94	24.25 -0.56 0.00	22.70 -0.54 0.00	23.36 -0.52 0.00	22.20 -0.49 0.00	22.37 -0.50 0.00	19.59 -0.51 0.00	19.76 -0.44 0.00
SENECA___115KV_TB3 355854	18.28 -0.15 0.00	16.45 -0.04 0.00	16.03 -0.10 0.00	15.22 -0.06 0.00	14.76 -0.04 0.00	14.28 0.13 0.00	17.15 0.12 0.00	20.01 -0.02 0.00	19.22 0.13 0.00	20.51 0.19 0.00	20.94 0.21 0.00	21.18 0.02 0.00	21.91 -0.06 0.00	20.88 -0.18 0.00	19.96 -0.25 0.00	19.26 -0.32 0.00	20.25 -0.63 37.00	24.18 -0.64 0.00	22.57 -0.68 0.00	23.42 -0.46 0.00	22.23 -0.46 0.00	22.48 -0.40 0.00	19.77 -0.32 0.00	20.39 0.18 0.00
SENECA___ENERGY 23797	18.33 -0.11 0.00	16.44 -0.06 0.00	16.04 -0.08 0.00	15.22 -0.06 0.00	14.76 -0.04 0.00	14.21 0.05 0.00	17.14 0.11 0.00	20.15 0.12 0.00	19.23 0.14 0.00	20.52 0.20 0.00	20.90 0.17 0.00	21.27 0.11 0.00	22.07 0.11 0.00	21.10 0.03 0.00	20.13 -0.08 0.00	19.49 -0.09 0.00	47.98 -0.19 9.71	24.60 -0.22 0.00	23.06 -0.19 0.00	23.75 -0.14 0.00	22.55 -0.14 0.00	22.73 -0.15 0.00	19.90 -0.19 0.00	20.15 -0.06 0.00
SHOEMAKER___GT 23640	19.07 0.63 0.00	17.03 0.53 0.00	16.58 0.46 0.00	15.71 0.43 0.00	15.21 0.42 0.00	14.59 0.43 0.00	17.54 0.51 0.00	20.73 0.70 0.00	19.80 0.71 0.00	21.16 0.85 0.00	21.59 0.86 0.00	22.12 0.96 0.00	23.12 1.15 0.00	22.19 1.13 0.00	18.71 1.08 2.57	14.91 0.96 5.64	60.47 2.60 0.00	26.00 1.18 0.00	24.38 1.13 0.00	25.00 1.12 0.00	23.77 1.08 0.00	23.91 1.03 0.00	20.95 0.86 0.00	21.03 0.82 0.00
SHOEMAKR_138KV_BK 111 55601	19.05 0.61 0.00	17.00 0.51 0.00	16.56 0.44 0.00	15.69 0.41 0.00	15.19 0.40 0.00	14.57 0.41 0.00	17.51 0.49 0.00	20.70 0.67 0.00	19.78 0.69 0.00	21.14 0.83 0.00	21.59 0.85 0.00	22.11 0.95 0.00	23.10 1.14 0.00	22.18 1.12 0.00	18.78 1.07 2.50	14.87 0.97 5.68	60.49 2.62 0.00	25.99 1.18 0.00	24.36 1.11 0.00	24.98 1.09 0.00	23.75 1.06 0.00	23.88 1.01 0.00	20.93 0.84 0.00	21.00 0.80 0.00
SHOREHAM_IC_1 23715	19.06 0.63 0.00	17.02 0.52 0.00	16.62 0.50 0.00	15.81 0.53 0.00	15.40 0.60 0.00	15.07 0.65 -0.26	20.36 0.79 -2.54	20.92 0.89 0.00	19.80 0.71 0.00	21.81 0.88 -0.61	32.88 1.06 -11.09	109.53 1.16 -87.21	195.60 1.36 -172.27	118.03 0.98 -95.99	46.13 1.15 -24.78	70.59 1.46 -49.54	69.10 3.59 -7.64	36.64 1.73 -10.09	47.19 1.51 -22.43	26.12 1.41 -0.82	23.92 1.24 0.00	24.05 1.18 0.00	21.22 1.13 0.00	20.77 0.97 0.40
SHOREHAM_IC_2 23716	19.06 0.63 0.00	17.02 0.52 0.00	16.62 0.50 0.00	15.81 0.53 0.00	15.40 0.60 0.00	15.07 0.65 -0.26	20.36 0.79 -2.54	20.92 0.89 0.00	19.80 0.71 0.00	21.81 0.88 -0.61	32.88 1.06 -11.09	109.53 1.16 -87.21	195.60 1.36 -172.27	118.03 0.98 -95.99	46.13 1.15 -24.78	70.59 1.46 -49.54	69.10 3.59 -7.64	36.64 1.73 -10.09	47.19 1.51 -22.43	26.12 1.41 -0.82	23.92 1.24 0.00	24.05 1.18 0.00	21.22 1.13 0.00	20.77 0.97 0.40
SISSONVILLE___ 23735	18.73 0.30 0.00	16.74 0.24 0.00	16.37 0.25 0.00	15.50 0.22 0.00	15.01 0.22 0.00	14.35 0.19 0.00	17.35 0.33 0.00	20.38 0.35 0.00	19.11 0.02 0.00	20.30 -0.02 0.00	20.71 -0.03 0.00	21.11 -0.06 0.00	21.78 -0.18 0.00	20.87 -0.19 0.00	20.01 -0.20 0.00	19.65 0.06 0.00	58.15 0.28 0.00	24.98 0.16 0.00	23.36 0.11 0.00	23.95 0.07 0.00	22.70 0.01 0.00	22.99 0.11 0.00	20.22 0.13 0.00	20.30 0.09 0.00

SITHE_IND_GS1 24169	17.97 -0.47 0.00	16.08 -0.41 0.00	15.70 -0.42 0.00	14.88 -0.40 0.00	14.42 -0.37 0.00	13.84 -0.32 0.00	16.61 -0.41 0.00	19.51 -0.51 0.00	18.59 -0.50 0.00	19.73 -0.59 0.00	20.13 -0.61 0.00	20.53 -0.63 0.00	21.31 -0.65 0.00	20.42 -0.64 0.00	19.57 -0.64 0.00	18.96 -0.63 0.00	-228.64 -1.99 284.52	23.95 -0.87 0.00	22.43 -0.81 0.00	23.08 -0.80 0.00	21.94 -0.75 0.00	22.10 -0.77 0.00	19.38 -0.71 0.00	19.55 -0.66 0.00
SITHE_IND_GS2 24170	17.97 -0.47 0.00	16.08 -0.41 0.00	15.70 -0.42 0.00	14.88 -0.40 0.00	14.42 -0.37 0.00	13.84 -0.32 0.00	16.61 -0.41 0.00	19.51 -0.51 0.00	18.59 -0.50 0.00	19.73 -0.59 0.00	20.13 -0.61 0.00	20.53 -0.63 0.00	21.31 -0.65 0.00	20.42 -0.64 0.00	19.57 -0.64 0.00	18.96 -0.63 0.00	-228.64 -1.99 284.52	23.95 -0.87 0.00	22.43 -0.81 0.00	23.08 -0.80 0.00	21.94 -0.75 0.00	22.10 -0.77 0.00	19.38 -0.71 0.00	19.55 -0.66 0.00
SITHE_IND_GS3 24171	17.97 -0.47 0.00	16.08 -0.41 0.00	15.70 -0.42 0.00	14.88 -0.40 0.00	14.42 -0.37 0.00	13.84 -0.32 0.00	16.61 -0.41 0.00	19.51 -0.51 0.00	18.59 -0.50 0.00	19.73 -0.59 0.00	20.13 -0.61 0.00	20.53 -0.63 0.00	21.31 -0.65 0.00	20.42 -0.64 0.00	19.57 -0.64 0.00	18.96 -0.63 0.00	-228.64 -1.99 284.52	23.95 -0.87 0.00	22.43 -0.81 0.00	23.08 -0.80 0.00	21.94 -0.75 0.00	22.10 -0.77 0.00	19.38 -0.71 0.00	19.55 -0.66 0.00
SITHE_IND_GS4 24172	17.97 -0.47 0.00	16.08 -0.41 0.00	15.70 -0.42 0.00	14.88 -0.40 0.00	14.42 -0.37 0.00	13.84 -0.32 0.00	16.61 -0.41 0.00	19.51 -0.51 0.00	18.59 -0.50 0.00	19.73 -0.59 0.00	20.13 -0.61 0.00	20.53 -0.63 0.00	21.31 -0.65 0.00	20.42 -0.64 0.00	19.57 -0.64 0.00	18.96 -0.63 0.00	-228.64 -1.99 284.52	23.95 -0.87 0.00	22.43 -0.81 0.00	23.08 -0.80 0.00	21.94 -0.75 0.00	22.10 -0.77 0.00	19.38 -0.71 0.00	19.55 -0.66 0.00
SITHE___BATAVIA 24024	18.59 0.15 0.00	16.69 0.19 0.00	16.27 0.14 0.00	15.43 0.15 0.00	14.96 0.17 0.00	14.49 0.34 0.00	17.43 0.41 0.00	20.37 0.34 0.00	19.53 0.43 0.00	20.84 0.52 0.00	21.28 0.55 0.00	21.59 0.43 0.00	22.26 0.30 0.00	21.23 0.17 0.00	20.32 0.11 0.00	19.61 0.03 0.00	17.16 0.36 41.08	24.66 -0.15 0.00	23.02 -0.22 0.00	23.86 -0.03 0.00	22.66 -0.03 0.00	22.90 0.02 0.00	20.11 0.02 0.00	20.64 0.43 0.00
SITHE___INDEPEND 23800	17.97 -0.47 0.00	16.08 -0.41 0.00	15.70 -0.42 0.00	14.88 -0.40 0.00	14.42 -0.37 0.00	13.84 -0.32 0.00	16.61 -0.41 0.00	19.51 -0.51 0.00	18.59 -0.50 0.00	19.73 -0.59 0.00	20.13 -0.61 0.00	20.53 -0.63 0.00	21.31 -0.65 0.00	20.42 -0.64 0.00	19.56 -0.64 0.00	18.96 -0.63 0.00	-228.64 -1.99 284.52	23.95 -0.86 0.00	22.43 -0.81 0.00	23.08 -0.80 0.00	21.94 -0.75 0.00	22.10 -0.77 0.00	19.38 -0.71 0.00	19.54 -0.66 0.00
SITHE___MASSENA 23902	18.59 0.15 0.00	16.63 0.13 0.00	16.28 0.16 0.00	15.42 0.14 0.00	14.93 0.13 0.00	14.26 0.10 0.00	17.20 0.17 0.00	20.15 0.12 0.00	19.10 0.00 0.00	20.37 0.05 0.00	20.78 0.04 0.00	21.18 0.02 0.00	21.88 -0.09 0.00	20.99 -0.07 0.00	20.13 -0.08 0.00	19.58 0.00 0.00	57.87 0.00 0.00	24.82 0.01 0.00	23.20 -0.05 0.00	23.83 -0.06 0.00	22.62 -0.07 0.00	22.87 -0.01 0.00	20.14 0.04 0.00	20.24 0.03 0.00
SITHE___OGDNSBRG 24021	18.89 0.46 0.00	16.88 0.38 0.00	16.52 0.40 0.00	15.65 0.37 0.00	15.14 0.35 0.00	14.49 0.33 0.00	17.53 0.50 0.00	20.56 0.53 0.00	19.38 0.29 0.00	20.67 0.35 0.00	21.08 0.35 0.00	21.51 0.34 0.00	22.20 0.24 0.00	21.29 0.22 0.00	20.38 0.17 0.00	19.91 0.32 0.00	58.84 0.97 0.00	25.27 0.46 0.00	23.62 0.37 0.00	24.24 0.36 0.00	23.01 0.33 0.00	23.29 0.41 0.00	20.47 0.38 0.00	20.54 0.34 0.00
SITHE___STERLING 23777	18.81 0.37 0.00	16.80 0.31 0.00	16.39 0.27 0.00	15.54 0.26 0.00	15.06 0.27 0.00	14.47 0.31 0.00	17.42 0.40 0.00	20.52 0.49 0.00	19.59 0.50 0.00	20.84 0.52 0.00	21.28 0.55 0.00	21.76 0.60 0.00	22.62 0.65 0.00	21.70 0.64 0.00	20.75 0.55 0.00	20.04 0.46 0.00	50.19 1.24 8.93	25.36 0.54 0.00	23.80 0.55 0.00	24.46 0.58 0.00	23.24 0.55 0.00	23.47 0.59 0.00	20.59 0.51 0.00	20.72 0.51 0.00
SLEIGHT__34_KV_TB1 80719	18.59 0.16 0.00	16.64 0.14 0.00	16.24 0.12 0.00	15.43 0.15 0.00	14.95 0.16 0.00	14.40 0.24 0.00	17.36 0.34 0.00	20.46 0.43 0.00	19.52 0.43 0.00	20.81 0.49 0.00	21.19 0.46 0.00	21.61 0.45 0.00	22.44 0.47 0.00	21.51 0.45 0.00	20.49 0.28 0.00	19.87 0.29 0.00	42.44 0.83 16.26	25.09 0.28 0.00	23.54 0.29 0.00	24.13 0.25 0.00	23.02 0.33 0.00	23.13 0.26 0.00	20.24 0.16 0.00	20.41 0.21 0.00
SOUTH CAIRO___GT 23612	19.49 1.05 0.00	17.49 1.00 0.00	17.07 0.95 0.00	16.18 0.90 0.00	15.67 0.88 0.00	14.98 0.82 0.00	17.97 0.94 0.00	21.09 1.06 0.00	20.14 1.05 0.00	21.31 0.99 0.00	21.71 0.98 0.00	22.13 0.97 0.00	23.23 1.27 0.00	22.39 1.33 0.00	21.92 1.21 -0.51	21.89 1.22 -1.09	61.06 3.19 0.00	26.19 1.37 0.00	24.74 1.49 0.00	25.40 1.52 0.00	24.18 1.49 0.00	24.32 1.45 0.00	21.29 1.20 0.00	21.33 1.12 0.00
SOUTH HAMPTN___IC 23720	19.40 0.96 0.00	17.32 0.82 0.00	16.91 0.79 0.00	16.10 0.82 0.00	15.67 0.88 0.00	15.33 0.91 -0.26	20.69 1.13 -2.54	21.33 1.29 0.00	20.19 1.10 0.00	22.26 1.33 -0.61	33.34 1.51 -11.09	109.97 1.60 -87.21	196.00 1.77 -172.27	118.67 1.62 -95.99	46.74 1.76 -24.78	70.99 1.86 -49.54	70.39 4.87 -7.64	37.20 2.30 -10.09	47.71 2.03 -22.43	26.64 1.93 -0.82	24.41 1.72 0.00	24.52 1.65 0.00	21.62 1.53 0.00	21.18 1.37 0.40
SOUTHDOW__115KV_TB1 355954	18.60 0.16 0.00	16.80 0.30 0.00	16.37 0.24 0.00	15.61 0.33 0.00	15.19 0.40 0.00	14.72 0.56 0.00	17.73 0.71 0.00	20.95 0.92 0.00	20.10 1.01 0.00	21.51 1.19 0.00	21.84 1.11 0.00	22.02 0.85 0.00	22.90 0.93 0.00	21.87 0.80 0.00	20.76 0.56 0.00	19.83 0.25 0.00	25.04 0.87 33.70	24.77 -0.05 0.00	23.17 -0.07 0.00	24.13 0.25 0.00	22.89 0.21 0.00	23.21 0.33 0.00	20.36 0.27 0.00	20.98 0.77 0.00
SOUTHOLD_69_KV_BK 2 55809	19.72 1.29 0.00	17.62 1.13 0.00	17.20 1.08 0.00	16.37 1.09 0.00	15.94 1.15 0.00	15.60 1.18 -0.26	21.02 1.46 -2.54	21.73 1.70 0.00	20.58 1.49 0.00	22.70 1.77 -0.61	33.78 1.95 -11.09	110.38 2.00 -87.21	195.99 1.76 -172.27	118.90 1.85 -95.99	47.17 2.19 -24.78	71.34 2.21 -49.54	71.73 6.22 -7.64	37.81 2.90 -10.09	48.27 2.59 -22.43	27.21 2.50 -0.82	24.93 2.24 0.00	25.03 2.15 0.00	22.04 1.95 0.00	21.55 1.75 0.40
SOUTHOLD___IC 23719	19.72 1.28 0.00	17.62 1.13 0.00	17.20 1.08 0.00	16.37 1.09 0.00	15.94 1.15 0.00	15.60 1.18 -0.26	21.02 1.46 -2.54	21.73 1.70 0.00	20.58 1.49 0.00	22.69 1.76 -0.61	33.77 1.95 -11.09	110.38 2.00 -87.21	196.01 1.78 -172.27	118.90 1.85 -95.99	47.17 2.18 -24.78	71.34 2.21 -49.54	71.74 6.22 -7.64	37.81 2.90 -10.09	48.27 2.59 -22.43	27.21 2.50 -0.82	24.93 2.24 0.00	25.02 2.15 0.00	22.04 1.95 0.00	21.55 1.75 0.40

SPIERFLS_115KV_TB 1 80737	19.46 1.02 0.00	17.37 0.87 0.00	16.92 0.80 0.00	16.04 0.76 0.00	15.54 0.75 0.00	14.92 0.76 0.00	18.00 0.97 0.00	21.25 1.22 0.00	20.25 1.15 0.00	21.51 1.20 0.00	21.94 1.21 0.00	22.35 1.19 0.00	23.38 1.42 0.00	22.41 1.35 0.00	22.21 1.28 -0.73	22.43 1.28 -1.56	61.49 3.61 0.00	26.36 1.55 0.00	24.77 1.52 0.00	25.27 1.39 0.00	24.12 1.44 0.00	24.14 1.27 0.00	21.59 1.50 0.00	21.73 1.52 0.00
ST LAWRENCE____ 23600	18.37 -0.07 0.00	16.43 -0.06 0.00	16.10 -0.02 0.00	15.25 -0.03 0.00	14.75 -0.05 0.00	14.09 -0.07 0.00	16.99 -0.04 0.00	19.91 -0.12 0.00	18.91 -0.18 0.00	20.14 -0.18 0.00	20.54 -0.19 0.00	20.94 -0.22 0.00	21.63 -0.33 0.00	20.75 -0.31 0.00	19.92 -0.29 0.00	19.36 -0.22 0.00	57.19 -0.68 0.00	24.55 -0.27 0.00	22.94 -0.31 0.00	23.56 -0.32 0.00	22.37 -0.32 0.00	22.61 -0.27 0.00	19.91 -0.18 0.00	20.02 -0.19 0.00
STATE_CA_115KV_115_LB 55624	18.90 0.46 0.00	16.97 0.48 0.00	16.57 0.44 0.00	15.71 0.43 0.00	15.19 0.40 0.00	14.51 0.35 0.00	17.39 0.37 0.00	20.47 0.44 0.00	19.54 0.44 0.00	20.81 0.49 0.00	21.22 0.49 0.00	21.72 0.56 0.00	22.67 0.70 0.00	21.75 0.69 0.00	21.63 0.68 -0.75	21.83 0.64 -1.60	59.51 1.63 0.00	25.53 0.72 0.00	23.94 0.69 0.00	24.57 0.69 0.00	23.35 0.66 0.00	23.48 0.61 0.00	20.60 0.51 0.00	20.68 0.47 0.00
STATE_ST_34_KV_LOAD 55959	18.63 0.19 0.00	16.70 0.20 0.00	16.33 0.21 0.00	15.51 0.23 0.00	15.04 0.24 0.00	14.46 0.30 0.00	17.40 0.37 0.00	20.47 0.44 0.00	19.47 0.38 0.00	20.76 0.44 0.00	21.10 0.37 0.00	21.40 0.24 0.00	22.19 0.22 0.00	21.32 0.26 0.00	20.40 0.19 0.00	19.83 0.25 0.00	58.66 0.78 0.00	25.10 0.28 0.00	23.55 0.30 0.00	24.18 0.29 0.00	22.99 0.30 0.00	23.15 0.28 0.00	20.29 0.20 0.00	20.43 0.22 0.00
STATION 5_MISC_HYD 23604	18.37 -0.06 0.00	16.48 -0.01 0.00	16.06 -0.06 0.00	15.23 -0.05 0.00	14.76 -0.04 0.00	14.25 0.09 0.00	17.14 0.11 0.00	20.07 0.04 0.00	19.23 0.14 0.00	20.50 0.18 0.00	20.93 0.20 0.00	21.22 0.06 0.00	21.97 0.00 0.00	21.00 -0.06 0.00	20.14 -0.07 0.00	19.48 -0.10 0.00	13.79 -0.14 43.95	24.51 -0.31 0.00	22.89 -0.36 0.00	23.65 -0.23 0.00	22.46 -0.23 0.00	22.66 -0.21 0.00	19.89 -0.20 0.00	20.28 0.07 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	18.41 -0.03 0.00	16.50 0.01 0.00	16.09 -0.03 0.00	15.26 -0.02 0.00	14.80 0.01 0.00	14.28 0.12 0.00	17.19 0.16 0.00	20.19 0.16 0.00	19.32 0.23 0.00	20.59 0.27 0.00	21.01 0.28 0.00	21.39 0.22 0.00	22.17 0.20 0.00	21.19 0.12 0.00	20.25 0.04 0.00	19.59 0.01 0.00	24.63 0.16 33.41	24.71 -0.11 0.00	23.11 -0.14 0.00	23.84 -0.04 0.00	22.65 -0.04 0.00	22.82 -0.05 0.00	19.99 -0.10 0.00	20.30 0.10 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	18.26 -0.18 0.00	16.37 -0.12 0.00	15.95 -0.17 0.00	15.13 -0.15 0.00	14.66 -0.13 0.00	14.15 -0.01 0.00	17.02 0.00 0.00	19.95 -0.08 0.00	19.13 0.03 0.00	20.37 0.05 0.00	20.80 0.06 0.00	21.11 -0.05 0.00	21.86 -0.11 0.00	20.90 -0.17 0.00	20.03 -0.18 0.00	19.38 -0.21 0.00	13.69 -0.44 43.74	24.40 -0.41 0.00	22.80 -0.45 0.00	23.54 -0.34 0.00	22.35 -0.34 0.00	22.55 -0.33 0.00	19.78 -0.31 0.00	20.14 -0.07 0.00
STA_56____34_KV_BUS2 355983	18.26 -0.18 0.00	16.37 -0.12 0.00	15.95 -0.17 0.00	15.13 -0.15 0.00	14.66 -0.13 0.00	14.15 -0.01 0.00	17.02 0.00 0.00	19.95 -0.08 0.00	19.13 0.03 0.00	20.37 0.05 0.00	20.80 0.06 0.00	21.11 -0.05 0.00	21.86 -0.11 0.00	20.90 -0.17 0.00	20.03 -0.18 0.00	19.38 -0.21 0.00	13.69 -0.44 43.74	24.40 -0.41 0.00	22.80 -0.45 0.00	23.54 -0.34 0.00	22.35 -0.34 0.00	22.55 -0.33 0.00	19.78 -0.31 0.00	20.14 -0.07 0.00
STA_67____115KV_BK2 355882	18.34 -0.10 0.00	16.45 -0.05 0.00	16.03 -0.09 0.00	15.20 -0.08 0.00	14.74 -0.06 0.00	14.22 0.06 0.00	17.10 0.07 0.00	20.02 -0.01 0.00	19.19 0.10 0.00	20.44 0.13 0.00	20.87 0.13 0.00	21.17 0.00 0.00	21.92 -0.05 0.00	20.95 -0.12 0.00	20.07 -0.14 0.00	19.41 -0.17 0.00	13.52 -0.31 44.05	24.45 -0.37 0.00	22.83 -0.41 0.00	23.59 -0.29 0.00	22.41 -0.28 0.00	22.61 -0.26 0.00	19.85 -0.24 0.00	20.24 0.03 0.00
STA_7____115KV_9TRANS 80674	18.45 0.01 0.00	16.55 0.06 0.00	16.13 0.01 0.00	15.29 0.01 0.00	14.82 0.03 0.00	14.31 0.15 0.00	17.21 0.18 0.00	20.16 0.14 0.00	19.33 0.24 0.00	20.61 0.29 0.00	21.04 0.31 0.00	21.34 0.18 0.00	22.09 0.12 0.00	21.12 0.06 0.00	20.24 0.03 0.00	19.58 0.00 0.00	14.08 0.15 43.95	24.65 -0.17 0.00	23.02 -0.22 0.00	23.78 -0.10 0.00	22.59 -0.10 0.00	22.79 -0.08 0.00	20.00 -0.09 0.00	20.38 0.17 0.00
STA_82____115KV_TB1 80780	18.35 -0.09 0.00	16.46 -0.04 0.00	16.04 -0.08 0.00	15.21 -0.07 0.00	14.74 -0.05 0.00	14.23 0.07 0.00	17.12 0.09 0.00	20.04 0.01 0.00	19.21 0.11 0.00	20.46 0.14 0.00	20.88 0.15 0.00	21.18 0.02 0.00	21.93 -0.04 0.00	20.96 -0.10 0.00	20.08 -0.12 0.00	19.43 -0.16 0.00	14.09 -0.28 43.50	24.47 -0.35 0.00	22.85 -0.40 0.00	23.61 -0.27 0.00	22.42 -0.27 0.00	22.63 -0.25 0.00	19.86 -0.23 0.00	20.25 0.04 0.00
STEEL____WIND 323596	18.28 -0.16 0.00	16.45 -0.05 0.00	16.02 -0.10 0.00	15.22 -0.06 0.00	14.75 -0.04 0.00	14.28 0.12 0.00	17.14 0.12 0.00	20.01 -0.02 0.00	19.22 0.13 0.00	20.51 0.19 0.00	20.95 0.21 0.00	21.16 0.00 0.00	21.88 -0.08 0.00	20.87 -0.20 0.00	19.97 -0.24 0.00	19.26 -0.33 0.00	20.26 -0.62 37.00	24.16 -0.65 0.00	22.56 -0.69 0.00	23.41 -0.47 0.00	22.22 -0.47 0.00	22.45 -0.42 0.00	19.75 -0.34 0.00	20.37 0.16 0.00
STEPHTWN_115KV_BK_2 55603	18.95 0.52 0.00	17.00 0.50 0.00	16.58 0.46 0.00	15.71 0.44 0.00	15.22 0.43 0.00	14.53 0.37 0.00	17.49 0.46 0.00	20.59 0.56 0.00	19.61 0.52 0.00	20.91 0.59 0.00	21.35 0.61 0.00	21.83 0.66 0.00	22.78 0.81 0.00	21.89 0.82 0.00	21.77 0.80 -0.76	21.99 0.77 -1.63	59.91 2.03 0.00	25.67 0.85 0.00	24.07 0.82 0.00	24.72 0.84 0.00	23.49 0.80 0.00	23.62 0.75 0.00	20.71 0.62 0.00	20.79 0.58 0.00
STEBEN_REC_LFGE 323667	18.24 -0.20 0.00	16.46 -0.03 0.00	16.01 -0.12 0.00	15.19 -0.09 0.00	14.81 0.02 0.00	14.34 0.18 0.00	17.29 0.27 0.00	20.37 0.34 0.00	19.55 0.46 0.00	20.84 0.52 0.00	21.34 0.61 0.00	21.77 0.61 0.00	22.46 0.50 0.00	20.77 -0.29 0.00	19.56 -0.65 0.00	18.99 -0.59 0.00	33.28 -1.24 23.36	23.90 -0.91 0.00	22.51 -0.74 0.00	23.37 -0.51 0.00	22.31 -0.38 0.00	22.37 -0.51 0.00	19.72 -0.37 0.00	20.36 0.15 0.00
STONY____BROOK 24151	19.33 0.89 0.00	17.26 0.77 0.00	16.85 0.73 0.00	16.04 0.76 0.00	15.62 0.82 0.00	15.27 0.85 -0.26	20.60 1.04 -2.54	21.20 1.17 0.00	20.05 0.96 0.00	22.10 1.17 -0.61	33.23 1.41 -11.09	109.85 1.48 -87.21	195.97 1.73 -172.27	118.56 1.52 -95.99	46.67 1.68 -24.78	70.85 1.72 -49.54	69.64 4.12 -7.64	36.88 1.97 -10.09	47.37 1.69 -22.43	26.29 1.58 -0.82	24.12 1.43 0.00	24.26 1.39 0.00	21.49 1.40 0.00	21.11 1.29 0.39

STURGEON_POOL_HYD 23609	19.12 0.68 0.00	17.03 0.54 0.00	16.57 0.44 0.00	15.68 0.40 0.00	15.17 0.38 0.00	14.55 0.39 0.00	17.51 0.49 0.00	20.75 0.72 0.00	19.83 0.74 0.00	21.24 0.93 0.00	21.70 0.96 0.00	22.28 1.11 0.00	23.30 1.33 0.00	22.34 1.28 0.00	21.42 1.22 0.00	20.75 1.14 -0.02	60.84 2.96 0.00	26.12 1.31 0.00	24.49 1.24 0.00	25.09 1.21 0.00	23.89 1.20 0.00	24.02 1.15 0.00	21.03 0.94 0.00	21.09 0.89 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	19.07 0.63 0.00	17.01 0.52 0.00	16.56 0.44 0.00	15.70 0.42 0.00	15.20 0.40 0.00	14.57 0.41 0.00	17.51 0.49 0.00	20.72 0.69 0.00	19.81 0.72 0.00	21.20 0.88 0.00	21.67 0.93 0.00	22.21 1.05 0.00	23.24 1.28 0.00	22.31 1.24 0.00	18.57 1.18 2.81	15.17 1.09 5.50	60.82 2.95 0.00	26.12 1.30 0.00	24.47 1.22 0.00	25.06 1.18 0.00	23.82 1.13 0.00	23.96 1.09 0.00	20.98 0.89 0.00	21.05 0.84 0.00
SWANROAD_115KV_TB1 355699	17.91 -0.53 0.00	16.11 -0.39 0.00	15.69 -0.43 0.00	14.90 -0.38 0.00	14.44 -0.36 0.00	13.99 -0.17 0.00	16.75 -0.28 0.00	19.39 -0.64 0.00	18.61 -0.48 0.00	19.82 -0.50 0.00	20.22 -0.51 0.00	20.43 -0.73 0.00	21.11 -0.86 0.00	20.13 -0.93 0.00	19.30 -0.91 0.00	18.64 -0.94 0.00	15.93 -2.55 39.39	23.42 -1.40 0.00	21.81 -1.44 0.00	22.65 -1.23 0.00	21.50 -1.19 0.00	21.74 -1.13 0.00	19.18 -0.91 0.00	19.82 -0.39 0.00
SYNERGY___BIOGAS 323694	18.59 0.15 0.00	16.69 0.19 0.00	16.27 0.14 0.00	15.43 0.15 0.00	14.96 0.17 0.00	14.49 0.34 0.00	17.43 0.41 0.00	20.37 0.34 0.00	19.53 0.43 0.00	20.84 0.52 0.00	21.28 0.55 0.00	21.59 0.43 0.00	22.26 0.30 0.00	21.23 0.17 0.00	20.32 0.11 0.00	19.61 0.03 0.00	17.16 0.36 41.08	24.66 -0.15 0.00	23.02 -0.22 0.00	23.86 -0.03 0.00	22.66 -0.03 0.00	22.90 0.02 0.00	20.11 0.02 0.00	20.64 0.43 0.00
SYRACUSE___ENERGY_ST1 323597	18.38 -0.06 0.00	16.46 -0.03 0.00	16.06 -0.06 0.00	15.23 -0.05 0.00	14.78 -0.02 0.00	14.19 0.03 0.00	17.06 0.03 0.00	20.06 0.03 0.00	19.12 0.03 0.00	20.31 0.00 0.00	20.72 -0.01 0.00	21.12 -0.04 0.00	21.93 -0.04 0.00	21.02 -0.04 0.00	20.12 -0.09 0.00	19.49 -0.09 0.00	57.55 -0.33 0.00	24.63 -0.18 0.00	23.09 -0.15 0.00	23.76 -0.13 0.00	22.58 -0.11 0.00	22.74 -0.14 0.00	19.91 -0.18 0.00	20.08 -0.13 0.00
SYRACUSE___ENERGY_ST2 323598	18.38 -0.06 0.00	16.46 -0.03 0.00	16.06 -0.06 0.00	15.23 -0.05 0.00	14.78 -0.02 0.00	14.19 0.03 0.00	17.06 0.03 0.00	20.06 0.03 0.00	19.12 0.03 0.00	20.31 0.00 0.00	20.72 -0.01 0.00	21.12 -0.04 0.00	21.93 -0.04 0.00	21.02 -0.04 0.00	20.12 -0.09 0.00	19.49 -0.09 0.00	57.55 -0.33 0.00	24.63 -0.18 0.00	23.09 -0.15 0.00	23.76 -0.13 0.00	22.58 -0.11 0.00	22.74 -0.14 0.00	19.91 -0.18 0.00	20.08 -0.13 0.00
SYRACUSE___POWER 24017	18.36 -0.07 0.00	16.44 -0.05 0.00	16.03 -0.09 0.00	15.21 -0.07 0.00	14.74 -0.05 0.00	14.16 0.00 0.00	17.02 -0.01 0.00	20.02 -0.01 0.00	19.10 0.01 0.00	20.29 -0.03 0.00	20.71 -0.03 0.00	21.12 -0.04 0.00	21.93 -0.03 0.00	21.01 -0.05 0.00	20.11 -0.09 0.00	19.47 -0.11 0.00	44.68 -0.36 12.83	24.61 -0.20 0.00	23.06 -0.18 0.00	23.74 -0.14 0.00	22.57 -0.12 0.00	22.73 -0.14 0.00	19.91 -0.19 0.00	20.08 -0.13 0.00
TALLMAN___138KV_BK151 55660	19.15 0.71 0.00	17.07 0.58 0.00	16.61 0.49 0.00	15.74 0.46 0.00	15.25 0.46 0.00	14.62 0.46 0.00	17.57 0.54 0.00	20.81 0.78 0.00	19.91 0.82 0.00	21.32 1.00 0.00	21.81 1.08 0.00	22.35 1.18 0.00	23.40 1.43 0.00	22.46 1.40 0.00	18.30 1.34 3.24	14.35 1.27 6.51	61.30 3.42 0.00	26.35 1.53 0.00	24.66 1.42 0.00	25.23 1.35 0.00	23.97 1.28 0.00	24.10 1.23 0.00	21.10 1.01 0.00	21.16 0.96 0.00
TEALLAVE_115KV_TB7 355573	18.28 -0.15 0.00	16.37 -0.13 0.00	15.97 -0.15 0.00	15.14 -0.14 0.00	14.67 -0.12 0.00	14.09 -0.07 0.00	16.92 -0.10 0.00	19.91 -0.12 0.00	18.99 -0.10 0.00	20.18 -0.14 0.00	20.59 -0.14 0.00	21.00 -0.16 0.00	21.81 -0.15 0.00	20.89 -0.18 0.00	20.01 -0.20 0.00	19.37 -0.21 0.00	39.68 -0.71 17.49	24.46 -0.36 0.00	22.92 -0.33 0.00	23.59 -0.29 0.00	22.43 -0.26 0.00	22.58 -0.29 0.00	19.77 -0.31 0.00	19.96 -0.25 0.00
TELGRAPH_34_KV_EAST 80808	18.31 -0.13 0.00	16.46 -0.04 0.00	16.03 -0.09 0.00	15.21 -0.07 0.00	14.74 -0.05 0.00	14.28 0.12 0.00	17.14 0.12 0.00	19.96 -0.06 0.00	19.16 0.07 0.00	20.42 0.10 0.00	20.84 0.11 0.00	21.10 -0.06 0.00	21.80 -0.17 0.00	20.79 -0.28 0.00	19.90 -0.31 0.00	19.22 -0.36 0.00	16.68 -0.80 40.40	24.16 -0.65 0.00	22.53 -0.72 0.00	23.37 -0.51 0.00	22.19 -0.50 0.00	22.42 -0.45 0.00	19.73 -0.36 0.00	20.32 0.11 0.00
TEMPLE___115KV_TB 2 55572	18.29 -0.15 0.00	16.37 -0.12 0.00	15.97 -0.15 0.00	15.15 -0.13 0.00	14.68 -0.11 0.00	14.10 -0.06 0.00	16.93 -0.09 0.00	19.92 -0.11 0.00	19.00 -0.09 0.00	20.19 -0.13 0.00	20.60 -0.13 0.00	21.02 -0.14 0.00	21.83 -0.14 0.00	20.91 -0.16 0.00	20.02 -0.19 0.00	19.39 -0.20 0.00	39.47 -0.68 17.73	24.48 -0.33 0.00	22.93 -0.31 0.00	23.60 -0.28 0.00	22.45 -0.24 0.00	22.60 -0.27 0.00	19.79 -0.30 0.00	19.98 -0.24 0.00
TIANA___69_KV_BK 1 55817	19.32 0.88 0.00	17.25 0.75 0.00	16.85 0.72 0.00	16.03 0.75 0.00	15.60 0.81 0.00	15.27 0.85 -0.26	20.61 1.04 -2.54	21.23 1.20 0.00	20.09 1.00 0.00	22.16 1.23 -0.61	33.23 1.41 -11.09	109.87 1.50 -87.21	195.92 1.68 -172.27	118.57 1.52 -95.99	46.65 1.66 -24.78	70.91 1.78 -49.54	70.08 4.57 -7.64	37.07 2.16 -10.09	47.58 1.90 -22.43	26.51 1.81 -0.82	24.29 1.61 0.00	24.41 1.53 0.00	21.53 1.44 0.00	21.09 1.28 0.40
TILDEN___115KV_TB1 80814	18.36 -0.07 0.00	16.44 -0.05 0.00	16.03 -0.09 0.00	15.21 -0.07 0.00	14.74 -0.05 0.00	14.16 0.00 0.00	17.02 -0.01 0.00	20.02 -0.01 0.00	19.10 0.01 0.00	20.29 -0.03 0.00	20.71 -0.03 0.00	21.12 -0.04 0.00	21.93 -0.03 0.00	21.01 -0.05 0.00	20.11 -0.09 0.00	19.47 -0.11 0.00	44.68 -0.36 12.83	24.61 -0.20 0.00	23.06 -0.18 0.00	23.74 -0.14 0.00	22.57 -0.12 0.00	22.73 -0.14 0.00	19.91 -0.19 0.00	20.08 -0.13 0.00
TRIGEN___CC 323695	19.36 0.92 0.00	17.28 0.78 0.00	16.84 0.72 0.00	16.00 0.72 0.00	15.56 0.76 0.00	15.20 0.78 -0.26	20.51 0.95 -2.54	21.18 1.15 0.00	20.14 1.05 0.00	22.21 1.28 -0.61	33.30 1.47 -11.09	109.93 1.56 -87.21	196.06 1.82 -172.27	118.80 1.75 -95.99	46.71 1.72 -24.78	70.78 1.66 -49.54	69.76 4.25 -7.64	36.87 1.96 -10.09	47.53 1.85 -22.43	26.47 1.76 -0.82	24.31 1.62 0.00	24.45 1.58 0.00	21.45 1.36 0.00	23.25 1.27 -1.76
TRINITY__115KV__ 4 BK 55933	18.85 0.41 0.00	16.93 0.43 0.00	16.52 0.40 0.00	15.67 0.39 0.00	15.16 0.37 0.00	14.47 0.31 0.00	17.34 0.32 0.00	20.42 0.39 0.00	19.47 0.38 0.00	20.74 0.42 0.00	21.15 0.41 0.00	21.63 0.47 0.00	22.56 0.59 0.00	21.65 0.59 0.00	21.56 0.59 -0.76	21.78 0.57 -1.63	59.28 1.41 0.00	25.44 0.63 0.00	23.85 0.60 0.00	24.49 0.61 0.00	23.27 0.58 0.00	23.40 0.53 0.00	20.54 0.44 0.00	20.62 0.41 0.00

UNION___PROCESSING_DRP 323587	18.36 -0.08 0.00	16.47 -0.03 0.00	16.05 -0.07 0.00	15.22 -0.06 0.00	14.75 -0.04 0.00	14.24 0.08 0.00	17.12 0.10 0.00	20.05 0.02 0.00	19.21 0.12 0.00	20.47 0.15 0.00	20.89 0.15 0.00	21.19 0.03 0.00	21.94 -0.03 0.00	20.97 -0.10 0.00	20.09 -0.11 0.00	19.43 -0.15 0.00	14.32 -0.25 43.31	24.48 -0.34 0.00	22.86 -0.39 0.00	23.63 -0.25 0.00	22.43 -0.26 0.00	22.64 -0.24 0.00	19.87 -0.22 0.00	20.26 0.05 0.00
UPPER HUDSON___HYD 24058	19.46 1.02 0.00	17.37 0.87 0.00	16.92 0.80 0.00	16.04 0.76 0.00	15.54 0.75 0.00	14.92 0.76 0.00	18.00 0.97 0.00	21.25 1.22 0.00	20.25 1.15 0.00	21.51 1.20 0.00	21.94 1.21 0.00	22.35 1.19 0.00	23.38 1.42 0.00	22.41 1.35 0.00	22.21 1.28 -0.73	22.43 1.28 -1.56	61.49 3.61 0.00	26.36 1.54 0.00	24.77 1.52 0.00	25.27 1.38 0.00	24.12 1.44 0.00	24.14 1.26 0.00	21.59 1.50 0.00	21.73 1.52 0.00
UPPER RAQUET___HYD 24056	18.73 0.30 0.00	16.74 0.24 0.00	16.37 0.25 0.00	15.50 0.22 0.00	15.01 0.22 0.00	14.35 0.19 0.00	17.35 0.33 0.00	20.38 0.35 0.00	19.12 0.02 0.00	20.30 -0.02 0.00	20.71 -0.03 0.00	21.11 -0.06 0.00	21.77 -0.19 0.00	20.87 -0.19 0.00	20.01 -0.19 0.00	19.65 0.06 0.00	58.16 0.28 0.00	24.98 0.16 0.00	23.36 0.11 0.00	23.95 0.07 0.00	22.70 0.01 0.00	22.99 0.11 0.00	20.22 0.13 0.00	20.31 0.10 0.00
VALLEY44_115KV_TB2 355964	18.29 -0.15 0.00	16.51 0.02 0.00	16.08 -0.04 0.00	15.28 0.00 0.00	14.85 0.05 0.00	14.33 0.17 0.00	17.18 0.16 0.00	20.27 0.24 0.00	19.43 0.34 0.00	20.78 0.46 0.00	21.12 0.39 0.00	21.32 0.16 0.00	22.18 0.22 0.00	21.18 0.12 0.00	20.26 0.06 0.00	19.53 -0.05 0.00	25.54 0.10 32.44	24.44 -0.37 0.00	22.86 -0.39 0.00	23.68 -0.20 0.00	22.47 -0.22 0.00	22.72 -0.15 0.00	19.95 -0.14 0.00	20.55 0.34 0.00
VALLEY___115KV_TB 1-4 80826	18.40 -0.04 0.00	16.40 -0.10 0.00	15.99 -0.13 0.00	15.18 -0.10 0.00	14.71 -0.09 0.00	14.07 -0.09 0.00	16.86 -0.16 0.00	19.89 -0.14 0.00	18.91 -0.18 0.00	20.14 -0.18 0.00	20.62 -0.11 0.00	21.34 0.18 0.00	22.18 0.22 0.00	21.23 0.17 0.00	20.31 0.10 0.00	19.61 0.03 0.00	58.31 0.43 0.00	24.89 0.08 0.00	23.40 0.15 0.00	24.09 0.20 0.00	22.90 0.21 0.00	23.00 0.13 0.00	20.19 0.10 0.00	20.25 0.04 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	19.01 0.57 0.00	17.01 0.52 0.00	16.59 0.47 0.00	15.72 0.45 0.00	15.24 0.44 0.00	14.62 0.46 0.00	17.60 0.58 0.00	20.76 0.72 0.00	19.80 0.71 0.00	21.14 0.82 0.00	21.57 0.84 0.00	21.91 0.75 0.00	22.82 0.85 0.00	21.89 0.83 0.00	21.05 0.84 0.00	20.39 0.81 0.00	53.54 2.28 6.62	25.75 0.93 0.00	24.16 0.91 0.00	24.81 0.93 0.00	23.58 0.89 0.00	23.75 0.88 0.00	20.79 0.70 0.00	20.92 0.71 0.00
VISCHER___FERRY HYD 24020	19.25 0.81 0.00	17.21 0.72 0.00	16.78 0.66 0.00	15.91 0.63 0.00	15.39 0.60 0.00	14.74 0.58 0.00	17.73 0.70 0.00	20.92 0.89 0.00	19.92 0.83 0.00	21.19 0.88 0.00	21.61 0.88 0.00	22.10 0.94 0.00	23.04 1.07 0.00	22.08 1.02 0.00	22.01 1.00 -0.80	22.21 0.91 -1.72	60.38 2.51 0.00	25.91 1.10 0.00	24.27 1.03 0.00	24.95 1.07 0.00	23.72 1.03 0.00	23.84 0.96 0.00	20.96 0.87 0.00	21.05 0.85 0.00
V_A_10_SYNC_DSASP 323832	18.07 -0.36 0.00	16.25 -0.24 0.00	15.84 -0.28 0.00	15.03 -0.25 0.00	14.57 -0.23 0.00	14.08 -0.08 0.00	16.89 -0.13 0.00	19.71 -0.32 0.00	18.91 -0.18 0.00	20.15 -0.17 0.00	20.55 -0.18 0.00	20.80 -0.36 0.00	21.53 -0.43 0.00	20.56 -0.50 0.00	19.70 -0.51 0.00	19.04 -0.54 0.00	13.51 -1.32 43.04	23.91 -0.90 0.00	22.31 -0.94 0.00	23.12 -0.76 0.00	21.95 -0.74 0.00	22.17 -0.71 0.00	19.51 -0.58 0.00	20.05 -0.16 0.00
V_CMM_10_SYNC_DSASP 323787	18.45 0.01 0.00	16.50 0.01 0.00	16.17 0.05 0.00	15.31 0.03 0.00	14.82 0.02 0.00	14.15 -0.01 0.00	17.06 0.03 0.00	19.99 -0.04 0.00	18.98 -0.11 0.00	20.23 -0.08 0.00	20.64 -0.09 0.00	21.04 -0.12 0.00	21.73 -0.24 0.00	20.85 -0.21 0.00	20.00 -0.20 0.00	19.45 -0.13 0.00	57.47 -0.41 0.00	24.65 -0.16 0.00	23.03 -0.21 0.00	23.66 -0.22 0.00	22.46 -0.23 0.00	22.70 -0.17 0.00	19.99 -0.09 0.00	20.10 -0.11 0.00
V_CMP_10_SYNC_DSASP 323788	19.21 0.77 0.00	17.15 0.65 0.00	16.72 0.60 0.00	15.81 0.53 0.00	15.26 0.47 0.00	14.58 0.42 0.00	17.58 0.56 0.00	20.57 0.54 0.00	19.42 0.33 0.00	20.65 0.33 0.00	20.96 0.23 0.00	21.33 0.17 0.00	22.14 0.18 0.00	21.20 0.13 0.00	20.32 0.11 0.00	20.06 0.48 0.00	60.27 2.40 0.00	25.88 1.07 0.00	24.17 0.93 0.00	24.66 0.78 0.00	23.29 0.60 0.00	23.70 0.83 0.00	20.93 0.84 0.00	21.05 0.84 0.00
V_E_10_SYNC_DSASP 323830	19.61 1.17 0.00	17.50 1.00 0.00	17.01 0.89 0.00	16.15 0.87 0.00	15.69 0.90 0.00	15.14 0.98 0.00	18.30 1.28 0.00	21.57 1.54 0.00	20.57 1.48 0.00	21.63 1.32 0.00	22.02 1.29 0.00	22.44 1.28 0.00	23.43 1.46 0.00	22.54 1.48 0.00	21.36 1.16 0.00	20.55 0.97 0.00	52.61 4.12 9.39	26.56 1.75 0.00	24.90 1.65 0.00	25.69 1.81 0.00	24.45 1.77 0.00	24.55 1.68 0.00	21.29 1.20 0.00	21.35 1.14 0.00
V_F_30_NSYNC___DSASP 323816	19.48 1.04 0.00	17.40 0.90 0.00	16.96 0.84 0.00	16.08 0.80 0.00	15.57 0.77 0.00	14.93 0.77 0.00	17.97 0.95 0.00	21.21 1.18 0.00	20.21 1.12 0.00	21.49 1.17 0.00	21.94 1.20 0.00	22.40 1.24 0.00	23.38 1.42 0.00	22.42 1.36 0.00	22.24 1.30 -0.74	22.42 1.25 -1.59	61.45 3.58 0.00	26.33 1.52 0.00	24.70 1.45 0.00	25.32 1.43 0.00	24.10 1.41 0.00	24.20 1.32 0.00	21.35 1.25 0.00	21.45 1.24 0.00
V_F_30_SYNC_DSASP 323786	18.90 0.46 0.00	16.97 0.48 0.00	16.57 0.44 0.00	15.71 0.43 0.00	15.19 0.40 0.00	14.51 0.35 0.00	17.39 0.37 0.00	20.47 0.44 0.00	19.54 0.44 0.00	20.81 0.49 0.00	21.22 0.49 0.00	21.72 0.56 0.00	22.67 0.70 0.00	21.75 0.69 0.00	21.63 0.68 -0.75	21.83 0.64 -1.60	59.51 1.63 0.00	25.53 0.71 0.00	23.94 0.69 0.00	24.57 0.69 0.00	23.35 0.66 0.00	23.48 0.61 0.00	20.60 0.51 0.00	20.68 0.46 0.00
V_XM_10_SYNC_DSASP 323789	19.21 0.77 0.00	17.15 0.65 0.00	16.72 0.60 0.00	15.81 0.53 0.00	15.26 0.47 0.00	14.58 0.42 0.00	17.58 0.56 0.00	20.57 0.54 0.00	19.42 0.33 0.00	20.65 0.33 0.00	20.96 0.23 0.00	21.33 0.17 0.00	22.14 0.18 0.00	21.20 0.13 0.00	20.32 0.11 0.00	20.06 0.48 0.00	60.27 2.40 0.00	25.88 1.07 0.00	24.17 0.93 0.00	24.66 0.78 0.00	23.29 0.60 0.00	23.70 0.83 0.00	20.93 0.84 0.00	21.05 0.84 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	19.22 0.78 0.00	17.13 0.64 0.00	16.67 0.55 0.00	15.80 0.52 0.00	15.30 0.50 0.00	14.67 0.51 0.00	17.63 0.61 0.00	20.89 0.86 0.00	19.99 0.90 0.00	21.41 1.09 0.00	21.90 1.16 0.00	22.44 1.28 0.00	23.50 1.54 0.00	22.56 1.49 0.00	18.27 1.42 3.36	14.16 1.35 6.78	61.53 3.65 0.00	26.44 1.63 0.00	24.76 1.51 0.00	25.33 1.45 0.00	24.06 1.37 0.00	24.19 1.32 0.00	21.18 1.09 0.00	21.24 1.03 0.00

W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	19.31 0.87 0.00	17.22 0.72 0.00	16.74 0.62 0.00	15.87 0.59 0.00	15.37 0.57 0.00	14.74 0.58 0.00	17.71 0.69 0.00	21.00 0.97 0.00	20.12 1.03 0.00	21.57 1.25 0.00	22.05 1.31 0.00	22.59 1.43 0.00	23.66 1.69 0.00	22.71 1.65 0.00	24.95 1.58 -3.17	27.82 1.52 -6.72	61.89 4.01 0.00	26.61 1.79 0.00	24.92 1.68 0.00	25.45 1.57 0.00	24.16 1.47 0.00	24.29 1.42 0.00	21.28 1.19 0.00	21.33 1.12 0.00
W50THST__13_KV_LOAD 356117	19.39 0.96 0.00	17.30 0.80 0.00	16.82 0.69 0.00	15.94 0.66 0.00	15.44 0.65 0.00	14.82 0.66 0.00	17.83 0.80 0.00	21.15 1.12 0.00	20.29 1.19 0.00	21.75 1.43 0.00	22.24 1.51 0.00	22.80 1.64 0.00	23.87 1.91 0.00	22.91 1.85 0.00	25.13 1.76 -3.17	27.99 1.69 -6.72	62.43 4.56 0.00	26.81 2.00 0.00	25.10 1.86 0.00	25.61 1.73 0.00	24.30 1.61 0.00	24.42 1.55 0.00	21.38 1.29 0.00	21.44 1.23 0.00
WADING RIVER_IC_1 23522	19.05 0.61 0.00	17.01 0.52 0.00	16.62 0.50 0.00	15.81 0.53 0.00	15.40 0.60 0.00	15.06 0.64 -0.26	20.35 0.78 -2.54	20.92 0.89 0.00	19.79 0.70 0.00	21.82 0.89 -0.61	32.87 1.05 -11.09	109.52 1.15 -87.21	195.60 1.37 -172.27	118.22 1.17 -95.99	46.29 1.31 -24.78	70.57 1.45 -49.54	69.02 3.51 -7.64	36.61 1.71 -10.09	47.17 1.49 -22.43	26.09 1.39 -0.82	23.90 1.21 0.00	24.02 1.15 0.00	21.22 1.13 0.00	20.76 0.96 0.41
WADING RIVER_IC_2 23547	19.05 0.61 0.00	17.01 0.52 0.00	16.62 0.50 0.00	15.81 0.53 0.00	15.40 0.60 0.00	15.06 0.64 -0.26	20.35 0.78 -2.54	20.92 0.89 0.00	19.79 0.70 0.00	21.82 0.89 -0.61	32.87 1.05 -11.09	109.52 1.15 -87.21	195.60 1.37 -172.27	118.22 1.17 -95.99	46.29 1.31 -24.78	70.57 1.45 -49.54	69.02 3.51 -7.64	36.61 1.71 -10.09	47.17 1.49 -22.43	26.09 1.39 -0.82	23.90 1.21 0.00	24.02 1.15 0.00	21.22 1.13 0.00	20.76 0.96 0.41
WADING RIVER_IC_3 23601	19.05 0.61 0.00	17.01 0.52 0.00	16.62 0.50 0.00	15.81 0.53 0.00	15.40 0.60 0.00	15.06 0.64 -0.26	20.35 0.78 -2.54	20.92 0.89 0.00	19.79 0.70 0.00	21.82 0.89 -0.61	32.87 1.05 -11.09	109.52 1.15 -87.21	195.60 1.37 -172.27	118.22 1.17 -95.99	46.29 1.31 -24.78	70.57 1.45 -49.54	69.02 3.51 -7.64	36.61 1.71 -10.09	47.17 1.49 -22.43	26.09 1.39 -0.82	23.90 1.21 0.00	24.02 1.15 0.00	21.22 1.13 0.00	20.76 0.96 0.41
WALDENNY_12_KV_BK2 80841	18.28 -0.16 0.00	16.45 -0.05 0.00	16.02 -0.10 0.00	15.21 -0.06 0.00	14.75 -0.04 0.00	14.28 0.12 0.00	17.14 0.12 0.00	20.00 -0.03 0.00	19.21 0.12 0.00	20.49 0.18 0.00	20.92 0.19 0.00	21.16 0.00 0.00	21.89 -0.08 0.00	20.87 -0.19 0.00	19.95 -0.26 0.00	19.25 -0.33 0.00	19.97 -0.65 37.26	24.16 -0.65 0.00	22.55 -0.70 0.00	23.40 -0.48 0.00	22.20 -0.49 0.00	22.45 -0.42 0.00	19.75 -0.34 0.00	20.37 0.16 0.00
WALDEN__HYDRO 24148	19.25 0.81 0.00	17.17 0.67 0.00	16.71 0.58 0.00	15.82 0.54 0.00	15.31 0.51 0.00	14.68 0.52 0.00	17.66 0.64 0.00	20.90 0.87 0.00	19.93 0.84 0.00	21.36 1.04 0.00	21.80 1.07 0.00	22.37 1.21 0.00	23.40 1.43 0.00	22.45 1.38 0.00	20.96 1.32 0.56	19.58 1.21 1.21	61.15 3.27 0.00	26.29 1.47 0.00	24.65 1.40 0.00	25.29 1.41 0.00	24.13 1.44 0.00	24.25 1.38 0.00	21.23 1.14 0.00	21.27 1.06 0.00
WARRENSBURG____ 23737	19.46 1.02 0.00	17.37 0.87 0.00	16.92 0.80 0.00	16.04 0.76 0.00	15.54 0.75 0.00	14.92 0.76 0.00	18.00 0.97 0.00	21.25 1.22 0.00	20.25 1.15 0.00	21.51 1.20 0.00	21.94 1.21 0.00	22.35 1.19 0.00	23.38 1.42 0.00	22.41 1.35 0.00	22.21 1.28 -0.73	22.43 1.28 -1.56	61.49 3.61 0.00	26.36 1.54 0.00	24.77 1.52 0.00	25.27 1.38 0.00	24.12 1.44 0.00	24.14 1.26 0.00	21.59 1.50 0.00	21.73 1.52 0.00
WATERSIDE____6 8 9 23538	19.31 0.87 0.00	17.22 0.72 0.00	16.75 0.63 0.00	15.87 0.59 0.00	15.37 0.58 0.00	14.75 0.59 0.00	17.72 0.70 0.00	20.99 0.96 0.00	20.14 1.05 0.00	21.57 1.25 0.00	22.06 1.32 0.00	22.60 1.43 0.00	23.66 1.69 0.00	22.71 1.65 0.00	24.96 1.58 -3.17	27.81 1.52 -6.71	61.81 3.93 0.00	26.60 1.78 0.00	24.92 1.68 0.00	25.44 1.56 0.00	24.16 1.48 0.00	24.29 1.41 0.00	21.28 1.19 0.00	21.33 1.12 0.00
WATKINRD_115KV_LN8_ILLION 55919	18.42 -0.02 0.00	16.45 -0.05 0.00	16.05 -0.07 0.00	15.21 -0.06 0.00	14.74 -0.05 0.00	14.11 -0.05 0.00	16.94 -0.08 0.00	19.99 -0.04 0.00	19.04 -0.05 0.00	20.27 -0.05 0.00	20.71 -0.02 0.00	21.23 0.06 0.00	22.13 0.16 0.00	21.21 0.15 0.00	20.32 0.11 0.00	19.64 0.05 0.00	58.28 0.41 0.00	24.90 0.09 0.00	23.40 0.15 0.00	24.05 0.17 0.00	22.87 0.18 0.00	23.00 0.13 0.00	20.14 0.05 0.00	20.23 0.02 0.00
WATSON____69_KV_BK 1 55734	19.52 1.08 0.00	17.41 0.92 0.00	17.00 0.88 0.00	16.17 0.89 0.00	15.74 0.94 0.00	15.40 0.97 -0.26	20.77 1.21 -2.54	21.43 1.40 0.00	20.30 1.21 0.00	22.37 1.44 -0.61	33.48 1.65 -11.09	110.15 1.78 -87.21	196.30 2.06 -172.27	118.93 1.88 -95.99	46.93 1.95 -24.78	71.10 1.97 -49.54	70.43 4.92 -7.64	37.17 2.26 -10.09	47.75 2.07 -22.43	26.67 1.97 -0.82	24.48 1.79 0.00	24.62 1.75 0.00	21.67 1.58 0.00	21.44 1.51 0.28
WDELAWARE__HYD 323627	18.75 0.31 0.00	16.73 0.23 0.00	16.28 0.15 0.00	15.41 0.13 0.00	14.92 0.13 0.00	14.32 0.15 0.00	17.24 0.21 0.00	20.41 0.38 0.00	19.49 0.40 0.00	20.88 0.56 0.00	21.28 0.54 0.00	21.78 0.62 0.00	22.77 0.80 0.00	21.83 0.77 0.00	20.32 0.79 0.68	18.88 0.75 1.45	59.81 1.93 0.00	25.63 0.82 0.00	24.07 0.82 0.00	24.69 0.81 0.00	23.53 0.84 0.00	23.65 0.78 0.00	20.70 0.61 0.00	20.74 0.53 0.00
WEST BABYLON__IC 23714	19.52 1.08 0.00	17.41 0.91 0.00	16.99 0.87 0.00	16.16 0.88 0.00	15.72 0.93 0.00	15.37 0.95 -0.26	20.74 1.17 -2.54	21.40 1.37 0.00	20.28 1.19 0.00	22.35 1.42 -0.61	33.48 1.65 -11.09	110.14 1.77 -87.21	196.28 2.04 -172.27	118.93 1.88 -95.99	46.90 1.92 -24.78	71.05 1.93 -49.54	70.39 4.88 -7.64	37.12 2.21 -10.09	47.74 2.06 -22.43	26.68 1.97 -0.82	24.49 1.80 0.00	24.66 1.79 0.00	21.67 1.58 0.00	21.72 1.50 0.00
WEST CANADA__HYD 24049	18.46 0.02 0.00	16.51 0.02 0.00	16.12 0.00 0.00	15.28 0.00 0.00	14.80 0.00 0.00	14.16 0.00 0.00	17.03 0.00 0.00	20.05 0.02 0.00	19.12 0.03 0.00	20.34 0.02 0.00	20.75 0.02 0.00	21.20 0.04 0.00	22.03 0.07 0.00	21.13 0.06 0.00	20.27 0.06 0.00	19.63 0.04 0.00	58.10 0.23 0.00	24.92 0.10 0.00	23.36 0.12 0.00	24.00 0.12 0.00	22.80 0.11 0.00	22.97 0.09 0.00	20.16 0.06 0.00	20.27 0.06 0.00
WESTERN_NY_WIND 24143	18.57 0.13 0.00	16.67 0.18 0.00	16.25 0.13 0.00	15.41 0.13 0.00	14.95 0.16 0.00	14.48 0.32 0.00	17.42 0.39 0.00	20.34 0.31 0.00	19.50 0.41 0.00	20.81 0.49 0.00	21.26 0.52 0.00	21.56 0.40 0.00	22.23 0.27 0.00	21.20 0.14 0.00	20.29 0.08 0.00	19.58 -0.01 0.00	17.29 0.29 40.87	24.63 -0.19 0.00	22.98 -0.27 0.00	23.82 -0.06 0.00	22.63 -0.06 0.00	22.86 -0.01 0.00	20.09 -0.01 0.00	20.62 0.41 0.00



WESTOVER___LESR 323668	18.50 0.07 0.00	16.60 0.10 0.00	16.17 0.05 0.00	15.35 0.07 0.00	14.89 0.09 0.00	14.30 0.14 0.00	17.20 0.18 0.00	20.29 0.26 0.00	19.37 0.28 0.00	20.67 0.35 0.00	21.10 0.37 0.00	21.53 0.36 0.00	22.40 0.43 0.00	21.45 0.39 0.00	20.50 0.29 0.00	19.80 0.22 0.00	47.00 0.75 11.62	24.98 0.16 0.00	23.43 0.19 0.00	24.14 0.25 0.00	22.91 0.22 0.00	23.12 0.24 0.00	20.23 0.15 0.00	20.49 0.29 0.00
WETHRSFD_WT_PWR 323626	18.10 -0.34 0.00	16.31 -0.18 0.00	15.90 -0.22 0.00	15.12 -0.16 0.00	14.67 -0.12 0.00	14.20 0.04 0.00	17.06 0.03 0.00	20.00 -0.03 0.00	19.19 0.10 0.00	20.50 0.18 0.00	20.92 0.19 0.00	21.16 0.00 0.00	21.88 -0.08 0.00	20.70 -0.36 0.00	19.64 -0.56 0.00	19.00 -0.58 0.00	23.88 -1.26 32.73	23.87 -0.95 0.00	22.37 -0.88 0.00	23.20 -0.68 0.00	22.06 -0.63 0.00	22.26 -0.62 0.00	19.55 -0.54 0.00	20.21 0.00 0.00
WHAVSTOR_138KV_BK127 55557	19.14 0.70 0.00	17.07 0.57 0.00	16.61 0.49 0.00	15.74 0.46 0.00	15.24 0.45 0.00	14.62 0.46 0.00	17.56 0.54 0.00	20.81 0.78 0.00	19.91 0.81 0.00	21.31 0.99 0.00	21.79 1.06 0.00	22.33 1.16 0.00	23.38 1.41 0.00	22.44 1.38 0.00	18.15 1.32 3.38	14.01 1.25 6.83	61.24 3.36 0.00	26.32 1.50 0.00	24.64 1.39 0.00	25.21 1.32 0.00	23.95 1.26 0.00	24.08 1.21 0.00	21.08 0.99 0.00	21.15 0.94 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	19.14 0.70 0.00	17.07 0.57 0.00	16.61 0.49 0.00	15.74 0.46 0.00	15.24 0.45 0.00	14.62 0.46 0.00	17.56 0.54 0.00	20.81 0.78 0.00	19.91 0.81 0.00	21.31 0.99 0.00	21.79 1.06 0.00	22.33 1.16 0.00	23.38 1.41 0.00	22.44 1.38 0.00	18.15 1.32 3.38	14.01 1.25 6.83	61.24 3.36 0.00	26.32 1.50 0.00	24.64 1.39 0.00	25.21 1.32 0.00	23.95 1.26 0.00	24.08 1.21 0.00	21.08 0.99 0.00	21.15 0.94 0.00
WHITEHAL_115KV_TB1 80871	20.02 1.58 0.00	17.83 1.33 0.00	17.36 1.24 0.00	16.49 1.21 0.00	16.02 1.22 0.00	15.42 1.26 0.00	18.66 1.64 0.00	22.02 1.99 0.00	20.84 1.75 0.00	22.09 1.77 0.00	22.45 1.72 0.00	22.84 1.68 0.00	23.83 1.87 0.00	22.79 1.73 0.00	22.66 1.72 -0.73	23.12 1.96 -1.57	63.61 5.74 0.00	27.17 2.35 0.00	25.52 2.27 0.00	25.82 1.94 0.00	24.69 2.00 0.00	24.78 1.90 0.00	21.90 1.81 0.00	22.05 1.84 0.00
WHITEPLN_13_KV_LOAD 356215	19.36 0.92 0.00	17.25 0.76 0.00	16.78 0.66 0.00	15.90 0.62 0.00	15.40 0.61 0.00	14.77 0.62 0.00	17.76 0.74 0.00	21.05 1.02 0.00	20.15 1.06 0.00	21.58 1.27 0.00	22.07 1.33 0.00	22.71 1.55 0.00	23.79 1.83 0.00	22.84 1.77 0.00	25.06 1.62 -3.24	27.96 1.52 -6.86	61.99 4.12 0.00	26.63 1.82 0.00	24.93 1.68 0.00	25.49 1.61 0.00	24.21 1.51 0.00	24.33 1.46 0.00	21.30 1.22 0.00	21.36 1.15 0.00
WM_FLOYD_69_KV_BK2 356380	19.23 0.79 0.00	17.16 0.67 0.00	16.76 0.64 0.00	15.95 0.67 0.00	15.53 0.73 0.00	15.19 0.77 -0.26	20.50 0.94 -2.54	21.10 1.07 0.00	19.96 0.86 0.00	21.98 1.05 -0.61	33.07 1.25 -11.09	109.73 1.35 -87.21	195.81 1.58 -172.27	118.46 1.40 -95.99	46.51 1.52 -24.78	70.75 1.62 -49.54	69.58 4.07 -7.64	36.84 1.93 -10.09	47.37 1.69 -22.43	26.30 1.60 -0.82	24.12 1.43 0.00	24.25 1.38 0.00	21.40 1.31 0.00	20.97 1.16 0.40
WOODARD__115KV_TB2 355635	18.25 -0.19 0.00	16.34 -0.16 0.00	15.94 -0.18 0.00	15.12 -0.16 0.00	14.65 -0.14 0.00	14.07 -0.09 0.00	16.90 -0.13 0.00	19.87 -0.16 0.00	18.96 -0.13 0.00	20.13 -0.18 0.00	20.54 -0.20 0.00	20.96 -0.20 0.00	21.76 -0.21 0.00	20.84 -0.22 0.00	19.96 -0.25 0.00	19.33 -0.25 0.00	43.33 -0.85 13.70	24.41 -0.40 0.00	22.88 -0.37 0.00	23.54 -0.34 0.00	22.38 -0.31 0.00	22.54 -0.33 0.00	19.74 -0.34 0.00	19.92 -0.29 0.00
YORK___WARBASSE 23770	19.40 0.97 0.00	17.29 0.79 0.00	16.81 0.69 0.00	15.93 0.65 0.00	15.42 0.63 0.00	14.81 0.65 0.00	17.79 0.76 0.00	21.07 1.04 0.00	20.20 1.11 0.00	21.63 1.32 0.00	22.13 1.40 0.00	22.67 1.51 0.00	23.74 1.78 0.00	22.81 1.74 0.00	25.05 1.68 -3.17	27.91 1.61 -6.71	62.04 4.17 0.00	26.70 1.89 0.00	25.06 1.81 0.00	25.59 1.70 0.00	24.29 1.60 0.00	24.41 1.54 0.00	21.38 1.29 0.00	21.42 1.21 0.00