

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

06/01/2025

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	
59TH STREET_GT_1	14.95	9.69	8.49	8.28	10.17	5.07	1.67	6.91	11.19	14.76	9.19	7.61	3.02	7.86	3.37	6.77	4.94	18.60	18.87	23.48	25.59	19.34	8.17	4.70
24138	1.09	0.75	0.66	0.60	0.72	0.37	0.12	0.49	0.81	1.05	0.69	0.62	0.22	0.58	0.29	0.50	0.36	1.28	1.17	1.30	1.35	1.07	0.48	0.32
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	14.95	9.70	8.50	8.29	10.17	5.07	1.67	6.91	11.19	14.75	9.18	7.60	3.02	7.85	3.36	6.77	4.94	18.60	18.89	23.49	25.61	19.37	8.18	4.70
24260	1.09	0.76	0.66	0.61	0.72	0.37	0.12	0.49	0.81	1.04	0.69	0.61	0.22	0.57	0.28	0.50	0.36	1.28	1.19	1.31	1.37	1.10	0.49	0.33
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	14.95	9.70	8.50	8.29	10.17	5.07	1.67	6.91	11.19	14.75	9.18	7.60	3.02	7.85	3.36	6.77	4.94	18.60	18.89	23.49	25.61	19.37	8.18	4.70
24261	1.09	0.76	0.66	0.61	0.72	0.37	0.12	0.49	0.81	1.04	0.69	0.61	0.22	0.57	0.28	0.50	0.36	1.28	1.19	1.31	1.37	1.10	0.49	0.33
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	14.71	9.55	8.37	8.20	10.10	5.03	1.65	6.85	11.11	14.58	8.90	7.27	2.91	7.53	3.19	6.45	4.74	18.02	18.51	23.27	25.47	19.28	8.15	4.67
24011	0.85	0.61	0.54	0.52	0.65	0.32	0.10	0.43	0.73	0.87	0.40	0.31	0.11	0.26	0.11	0.18	0.16	0.70	0.82	1.09	1.24	1.01	0.46	0.29
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	14.74	9.58	8.40	8.22	10.12	5.04	1.66	6.87	11.16	14.63	8.91	7.28	2.92	7.55	3.19	6.45	4.74	18.07	18.62	23.40	25.62	19.37	8.20	4.69
23798	0.87	0.64	0.56	0.54	0.67	0.34	0.11	0.45	0.79	0.92	0.41	0.33	0.12	0.27	0.11	0.18	0.16	0.75	0.92	1.22	1.38	1.10	0.50	0.31
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	14.71	9.55	8.37	8.20	10.10	5.03	1.65	6.85	11.11	14.58	8.90	7.27	2.91	7.53	3.19	6.45	4.74	18.02	18.51	2				

ALBANY___2 23572	14.18 0.32 0.00	9.22 0.28 0.00	8.08 0.24 0.00	7.91 0.23 0.00	9.72 0.27 0.00	4.83 0.13 0.00	1.59 0.04 0.00	6.56 0.13 0.00	10.60 0.22 0.00	13.94 0.22 0.00	8.60 0.10 0.00	7.08 0.11 0.36	2.83 0.03 0.00	7.34 0.07 0.00	3.12 0.04 0.00	6.31 0.05 0.00	4.62 0.04 0.00	17.36 0.05 0.00	17.73 0.03 0.00	22.20 0.01 0.00	24.22 -0.01 0.00	18.31 0.04 0.00	7.77 0.08 0.00	4.46 0.08 0.00
ALBANY___3 23573	14.18 0.32 0.00	9.22 0.28 0.00	8.08 0.24 0.00	7.91 0.23 0.00	9.72 0.27 0.00	4.83 0.13 0.00	1.59 0.04 0.00	6.56 0.13 0.00	10.60 0.22 0.00	13.94 0.22 0.00	8.60 0.10 0.00	7.08 0.11 0.36	2.83 0.03 0.00	7.34 0.07 0.00	3.12 0.04 0.00	6.31 0.05 0.00	4.62 0.04 0.00	17.36 0.05 0.00	17.73 0.03 0.00	22.20 0.01 0.00	24.22 -0.01 0.00	18.31 0.04 0.00	7.77 0.08 0.00	4.46 0.08 0.00
ALBANY___4 23574	14.18 0.32 0.00	9.22 0.28 0.00	8.08 0.24 0.00	7.91 0.23 0.00	9.72 0.27 0.00	4.83 0.13 0.00	1.59 0.04 0.00	6.56 0.13 0.00	10.60 0.22 0.00	13.94 0.22 0.00	8.60 0.10 0.00	7.08 0.11 0.36	2.83 0.03 0.00	7.34 0.07 0.00	3.12 0.04 0.00	6.31 0.05 0.00	4.62 0.04 0.00	17.36 0.05 0.00	17.73 0.03 0.00	22.20 0.01 0.00	24.22 -0.01 0.00	18.31 0.04 0.00	7.77 0.08 0.00	4.46 0.08 0.00
ALBANY___LFGE 323615	14.30 0.43 0.00	9.29 0.35 0.00	8.14 0.30 0.00	7.97 0.29 0.00	9.80 0.35 0.00	4.87 0.17 0.00	1.60 0.05 0.00	6.61 0.19 0.00	10.70 0.31 0.00	14.06 0.35 0.00	8.67 0.18 0.00	7.13 0.17 0.36	2.86 0.05 0.00	7.40 0.12 0.00	3.14 0.06 0.00	6.37 0.10 0.00	4.66 0.08 0.00	17.53 0.21 0.00	17.90 0.20 0.00	22.43 0.25 0.00	24.46 0.23 0.00	18.49 0.22 0.00	7.84 0.15 0.00	4.50 0.12 0.00
ALCOA_PA_115KV_PL-6C 55860	13.49 -0.37 0.00	8.67 -0.27 0.00	7.59 -0.25 0.00	7.44 -0.24 0.00	9.17 -0.28 0.00	4.56 -0.14 0.00	1.51 -0.04 0.00	6.27 -0.15 0.00	10.15 -0.23 0.00	13.39 -0.32 0.00	8.29 -0.20 0.00	4.75 -0.16 2.42	2.77 -0.04 0.00	7.21 -0.06 0.00	3.06 -0.02 0.00	6.16 -0.11 0.00	4.54 -0.04 0.00	17.27 -0.05 0.00	17.80 0.10 0.00	22.39 0.20 0.00	24.49 0.26 0.00	18.39 0.12 0.00	7.66 -0.03 0.00	4.33 -0.05 0.00
ALCOA_RYNLDS___DRP 24188	13.49 -0.37 0.00	8.67 -0.27 0.00	7.59 -0.25 0.00	7.44 -0.24 0.00	9.17 -0.28 0.00	4.56 -0.14 0.00	1.51 -0.04 0.00	6.27 -0.15 0.00	10.15 -0.23 0.00	13.39 -0.32 0.00	8.29 -0.20 0.00	4.75 -0.16 2.42	2.77 -0.04 0.00	7.21 -0.06 0.00	3.06 -0.02 0.00	6.16 -0.11 0.00	4.54 -0.04 0.00	17.27 -0.05 0.00	17.80 0.10 0.00	22.39 0.20 0.00	24.49 0.26 0.00	18.39 0.12 0.00	7.66 -0.03 0.00	4.33 -0.05 0.00
ALCOA___DSASP 323711	13.49 -0.37 0.00	8.67 -0.27 0.00	7.59 -0.24 0.00	7.44 -0.24 0.00	9.17 -0.28 0.00	4.56 -0.14 0.00	1.51 -0.04 0.00	6.27 -0.15 0.00	10.15 -0.23 0.00	13.39 -0.31 0.00	8.29 -0.20 0.00	4.76 -0.16 2.42	2.77 -0.04 0.00	7.21 -0.06 0.00	3.06 -0.02 0.00	6.16 -0.11 0.00	4.54 -0.04 0.00	17.27 -0.05 0.00	17.80 0.10 0.00	22.39 0.20 0.00	24.49 0.26 0.00	18.39 0.12 0.00	7.66 -0.03 0.00	4.33 -0.05 0.00
ALLEGHENY___COGEN 23514	14.02 0.16 0.00	8.93 -0.01 0.00	7.88 0.04 0.00	7.78 0.10 0.00	9.60 0.15 0.00	4.81 0.10 0.00	1.58 0.03 0.00	6.41 -0.01 0.00	18.58 -0.21 -8.42	35.83 -0.43 -22.54	22.79 -0.22 -14.51	27.65 -0.26 -20.59	11.07 -0.11 -8.38	20.17 -0.29 -13.19	2.98 -0.10 0.00	6.11 -0.16 0.00	4.40 -0.18 0.00	16.71 -0.61 0.00	17.12 -0.58 0.00	21.79 -0.40 0.00	24.08 -0.16 0.00	18.18 -0.09 0.00	7.66 -0.03 0.00	4.42 0.04 0.00
ALTAMONT_115KV_TB 2 55880	14.30 0.43 0.00	9.27 0.32 0.00	8.12 0.28 0.00	7.95 0.27 0.00	9.78 0.33 0.00	4.87 0.16 0.00	1.60 0.05 0.00	6.61 0.19 0.00	10.70 0.31 0.00	14.06 0.35 0.00	8.69 0.20 0.00	7.14 0.17 0.35	2.86 0.05 0.00	7.41 0.13 0.00	3.14 0.06 0.00	6.37 0.11 0.00	4.66 0.08 0.00	17.59 0.27 0.00	17.95 0.25 0.00	22.48 0.30 0.00	24.57 0.33 0.00	18.56 0.29 0.00	7.86 0.16 0.00	4.50 0.12 0.00
ALTONA_WT_PWR 323606	13.22 -0.64 0.00	8.50 -0.44 0.00	7.41 -0.42 0.00	7.26 -0.42 0.00	8.93 -0.51 0.00	4.45 -0.26 0.00	1.46 -0.09 0.00	6.11 -0.31 0.00	9.90 -0.48 0.00	13.03 -0.68 0.00	8.07 -0.42 0.00	4.55 -0.29 2.49	2.71 -0.10 0.00	7.01 -0.27 0.00	2.99 -0.09 0.00	6.08 -0.18 0.00	4.43 -0.15 0.00	16.96 -0.36 0.00	17.54 -0.16 0.00	22.10 -0.08 0.00	24.13 -0.11 0.00	18.22 -0.05 0.00	7.62 -0.07 0.00	4.31 -0.07 0.00
AMERICAN_REF_FUEL 24010	13.32 -0.54 0.00	8.42 -0.52 0.00	7.46 -0.38 0.00	7.40 -0.28 0.00	9.12 -0.33 0.00	4.55 -0.15 0.00	1.50 -0.05 0.00	6.19 -0.23 0.00	7.91 -0.48 1.99	7.83 -0.56 5.32	4.80 -0.27 3.42	1.80 -0.32 5.20	0.69 -0.14 1.98	3.81 -0.35 3.11	2.89 -0.20 0.00	5.94 -0.32 0.00	4.22 -0.36 0.00	15.88 -1.44 0.00	16.26 -1.44 0.00	20.53 -1.66 0.00	22.37 -1.87 0.00	16.60 -1.67 0.00	7.02 -0.67 0.00	4.11 -0.27 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	13.57 -0.30 0.00	8.56 -0.38 0.00	7.62 -0.22 0.00	7.60 -0.08 0.00	9.40 -0.05 0.00	4.70 0.00 0.00	1.55 0.00 0.00	6.40 -0.02 0.00	8.63 -0.12 1.63	9.11 -0.23 4.36	5.50 -0.18 2.81	2.71 -0.29 4.31	1.05 -0.13 1.62	4.30 -0.42 2.55	2.83 -0.25 0.00	5.88 -0.39 0.00	4.21 -0.36 0.00	15.90 -1.42 0.00	16.20 -1.50 0.00	20.58 -1.61 0.00	22.87 -1.36 0.00	17.10 -1.17 0.00	7.22 -0.47 0.00	4.21 -0.16 0.00
ARTHUR KILL_GT_1 23520	14.91 1.05 0.00	9.68 0.73 -0.01	8.47 0.64 0.00	8.26 0.58 0.00	10.23 0.78 0.00	5.12 0.42 0.00	1.69 0.14 0.00	6.95 0.53 0.00	11.25 0.87 0.00	14.80 1.09 0.00	9.22 0.73 0.00	7.63 0.64 0.33	3.03 0.23 0.00	7.88 0.61 0.00	3.36 0.29 0.00	6.79 0.51 -0.01	4.91 0.33 0.00	18.48 1.16 0.00	18.76 1.07 0.00	23.37 1.19 0.00	25.49 1.25 0.00	19.28 1.01 0.00	8.14 0.45 0.00	4.68 0.31 0.00
ARTHUR_KILL_2 23512	14.88 1.01 -0.01	9.66 0.71 -0.01	8.45 0.62 0.00	8.24 0.56 0.00	10.21 0.76 0.00	5.11 0.41 0.00	1.68 0.13 0.00	6.94 0.52 0.00	11.23 0.85 0.00	14.78 1.06 0.00	9.20 0.71 0.00	7.62 0.63 0.33	3.03 0.23 0.00	7.87 0.60 0.00	3.36 0.28 0.00	6.77 0.50 -0.01	4.90 0.32 0.00	18.44 1.13 0.00	18.72 1.02 0.00	23.30 1.12 0.00	25.42 1.18 0.00	19.22 0.95 0.00	8.12 0.42 0.00	4.67 0.29 0.00
ARTHUR_KILL_3 23513	-318.54 0.93 333.33	-832.07 0.65 841.67	8.43 0.59 0.00	8.23 0.55 0.00	10.06 0.61 0.00	5.02 0.32 0.00	1.66 0.11 0.00	6.83 0.42 0.00	11.07 0.69 0.00	14.58 0.87 0.00	9.08 0.58 0.00	7.52 0.52 0.33	2.99 0.19 0.00	7.77 0.50 0.00	3.33 0.25 0.00	6.71 0.45 0.00	4.90 0.32 0.00	18.45 1.13 0.00	18.72 1.03 0.00	23.29 1.11 0.00	25.39 1.15 0.00	19.20 0.93 0.00	8.11 0.42 0.00	4.66 0.29 0.00

ARTHUR_KILL_COGEN 323718	14.92 1.05 -0.01	9.68 0.73 -0.01	8.47 0.64 0.00	8.26 0.58 0.00	10.23 0.78 0.00	5.12 0.42 0.00	1.69 0.14 0.00	6.95 0.53 0.00	11.25 0.87 0.00	14.80 1.09 0.00	9.22 0.73 0.00	7.63 0.64 0.33	3.03 0.23 0.00	7.88 0.61 0.00	3.36 0.29 0.00	6.79 0.51 -0.01	4.91 0.33 0.00	18.48 1.16 0.00	18.77 1.07 0.00	23.37 1.19 0.00	25.49 1.25 0.00	19.28 1.01 0.00	8.14 0.45 0.00	4.68 0.31 0.00
ASHOKAN____ 23654	14.93 1.07 0.00	9.67 0.73 0.00	8.46 0.63 0.00	8.27 0.59 0.00	10.16 0.71 0.00	5.07 0.37 0.00	1.67 0.12 0.00	6.90 0.48 0.00	11.17 0.79 0.00	14.70 0.99 0.00	9.15 0.66 0.00	7.52 0.54 0.34	2.99 0.18 0.00	7.78 0.51 0.00	3.29 0.21 0.00	6.73 0.46 0.00	4.91 0.33 0.00	18.55 1.23 0.00	18.91 1.21 0.00	23.63 1.45 0.00	25.80 1.57 0.00	19.49 1.22 0.00	8.22 0.53 0.00	4.71 0.33 0.00
ASTORIA_EAST_ENERGY_CC1 323581	14.78 0.91 0.00	9.57 0.63 0.00	8.36 0.52 0.00	8.16 0.47 0.00	10.03 0.58 0.00	5.01 0.30 0.00	1.65 0.10 0.00	6.83 0.41 0.00	11.07 0.69 0.00	14.62 0.91 0.00	9.11 0.61 0.00	7.54 0.55 0.33	3.00 0.19 0.00	7.79 0.52 0.00	3.31 0.23 0.00	6.69 0.42 0.00	4.88 0.31 0.00	18.38 1.07 0.00	19.74 0.97 -1.07	23.27 1.09 0.00	25.36 1.12 0.00	19.18 0.91 0.00	8.10 0.41 0.00	4.66 0.28 0.00
ASTORIA_EAST_ENERGY_CC2 323582	14.78 0.92 0.00	9.57 0.63 0.00	8.36 0.52 0.00	8.16 0.47 0.00	10.03 0.58 0.00	5.01 0.30 0.00	1.65 0.10 0.00	6.83 0.41 0.00	11.07 0.69 0.00	14.63 0.92 0.00	9.11 0.61 0.00	7.54 0.55 0.33	3.00 0.19 0.00	7.79 0.52 0.00	3.31 0.23 0.00	6.69 0.42 0.00	4.88 0.31 0.00	18.38 1.07 0.00	19.74 0.97 -1.07	23.27 1.09 0.00	25.36 1.12 0.00	19.18 0.91 0.00	8.10 0.41 0.00	4.66 0.28 0.00
ASTORIA_GT2_1 24094	14.78 0.92 0.00	9.57 0.63 0.00	8.36 0.52 0.00	8.16 0.47 0.00	10.03 0.58 0.00	5.01 0.30 0.00	1.65 0.10 0.00	6.83 0.41 0.00	11.07 0.69 0.00	14.63 0.92 0.00	9.11 0.61 0.00	7.54 0.55 0.33	3.00 0.19 0.00	7.79 0.52 0.00	3.31 0.24 0.00	6.69 0.42 0.00	4.88 0.31 0.00	18.38 1.07 0.00	19.75 0.98 -1.07	23.28 1.10 0.00	25.37 1.14 0.00	19.19 0.92 0.00	8.10 0.41 0.00	4.66 0.28 0.00
ASTORIA_GT2_2 24095	14.78 0.92 0.00	9.57 0.63 0.00	8.36 0.52 0.00	8.16 0.47 0.00	10.03 0.58 0.00	5.01 0.30 0.00	1.65 0.10 0.00	6.83 0.41 0.00	11.07 0.69 0.00	14.63 0.92 0.00	9.11 0.61 0.00	7.54 0.55 0.33	3.00 0.19 0.00	7.79 0.52 0.00	3.31 0.24 0.00	6.69 0.42 0.00	4.88 0.31 0.00	18.38 1.07 0.00	19.75 0.98 -1.07	23.28 1.10 0.00	25.37 1.14 0.00	19.19 0.92 0.00	8.10 0.41 0.00	4.66 0.28 0.00
ASTORIA_GT2_3 24096	14.78 0.92 0.00	9.57 0.63 0.00	8.36 0.52 0.00	8.16 0.47 0.00	10.03 0.58 0.00	5.01 0.30 0.00	1.65 0.10 0.00	6.83 0.41 0.00	11.07 0.69 0.00	14.63 0.92 0.00	9.11 0.61 0.00	7.54 0.55 0.33	3.00 0.19 0.00	7.79 0.52 0.00	3.31 0.24 0.00	6.69 0.42 0.00	4.88 0.31 0.00	18.38 1.07 0.00	19.75 0.98 -1.07	23.28 1.10 0.00	25.37 1.14 0.00	19.19 0.92 0.00	8.10 0.41 0.00	4.66 0.28 0.00
ASTORIA_GT2_4 24097	14.78 0.92 0.00	9.57 0.63 0.00	8.36 0.52 0.00	8.16 0.47 0.00	10.03 0.58 0.00	5.01 0.30 0.00	1.65 0.10 0.00	6.83 0.41 0.00	11.07 0.69 0.00	14.63 0.92 0.00	9.11 0.61 0.00	7.54 0.55 0.33	3.00 0.19 0.00	7.79 0.52 0.00	3.31 0.24 0.0									

ASTORIA_GT4_4 24105	14.78 0.92 0.00	9.57 0.63 0.00	8.36 0.52 0.00	8.16 0.47 0.00	10.03 0.58 0.00	5.01 0.30 0.00	1.65 0.10 0.00	6.83 0.41 0.00	11.07 0.69 0.00	14.63 0.92 0.00	9.11 0.61 0.00	7.54 0.55 0.33	3.00 0.19 0.00	7.79 0.52 0.00	3.31 0.24 0.00	6.69 0.42 0.00	4.88 0.31 0.00	18.38 1.07 0.00	19.75 0.98 -1.07	23.28 1.10 0.00	25.37 1.14 0.00	19.19 0.92 0.00	8.10 0.41 0.00	4.66 0.28 0.00
ASTORIA_GT_1 23523	14.80 0.94 0.00	9.58 0.64 0.00	8.37 0.53 0.00	8.16 0.48 0.00	10.04 0.59 0.00	5.02 0.31 0.00	1.65 0.10 0.00	6.83 0.42 0.00	11.08 0.71 0.00	14.64 0.93 0.00	9.12 0.63 0.00	7.55 0.56 0.33	3.00 0.19 0.00	7.80 0.53 0.00	3.32 0.24 0.00	6.69 0.43 0.00	4.89 0.31 0.00	18.41 1.10 0.00	19.77 1.00 -1.07	23.31 1.13 0.00	25.41 1.17 0.00	19.21 0.94 0.00	8.11 0.42 0.00	4.67 0.29 0.00
ASTORIA_GT_10 24110	14.92 1.05 0.00	9.69 0.74 -0.01	8.48 0.64 0.00	8.27 0.59 0.00	10.14 0.69 0.00	5.06 0.36 0.00	1.67 0.12 0.00	6.88 0.47 0.00	11.15 0.77 0.00	14.70 0.99 0.00	9.16 0.66 0.00	7.58 0.59 0.33	3.02 0.21 0.00	7.83 0.56 0.00	3.35 0.27 0.00	6.76 0.49 -0.01	4.92 0.34 0.00	18.51 1.20 0.00	18.79 1.10 0.00	23.39 1.21 0.00	25.49 1.25 0.00	19.28 1.01 0.00	8.15 0.46 0.00	4.68 0.31 0.00
ASTORIA_GT_11 24225	14.92 1.05 0.00	9.69 0.74 -0.01	8.48 0.64 0.00	8.27 0.59 0.00	10.14 0.69 0.00	5.06 0.36 0.00	1.67 0.12 0.00	6.88 0.47 0.00	11.15 0.77 0.00	14.70 0.99 0.00	9.16 0.66 0.00	7.58 0.59 0.33	3.02 0.21 0.00	7.83 0.56 0.00	3.35 0.27 0.00	6.76 0.49 -0.01	4.92 0.34 0.00	18.51 1.20 0.00	18.79 1.10 0.00	23.39 1.21 0.00	25.49 1.25 0.00	19.28 1.01 0.00	8.15 0.46 0.00	4.68 0.31 0.00
ASTORIA_GT_12 24226	14.92 1.05 0.00	9.69 0.74 -0.01	8.48 0.64 0.00	8.27 0.59 0.00	10.14 0.69 0.00	5.06 0.36 0.00	1.67 0.12 0.00	6.88 0.47 0.00	11.15 0.77 0.00	14.70 0.99 0.00	9.16 0.66 0.00	7.58 0.59 0.33	3.02 0.21 0.00	7.83 0.56 0.00	3.35 0.27 0.00	6.76 0.49 -0.01	4.92 0.34 0.00	18.51 1.20 0.00	18.79 1.10 0.00	23.39 1.21 0.00	25.49 1.25 0.00	19.28 1.01 0.00	8.15 0.46 0.00	4.68 0.31 0.00
ASTORIA_GT_13 24227	14.92 1.05 0.00	9.69 0.74 -0.01	8.48 0.64 0.00	8.27 0.59 0.00	10.14 0.69 0.00	5.06 0.36 0.00	1.67 0.12 0.00	6.88 0.47 0.00	11.15 0.77 0.00	14.70 0.99 0.00	9.16 0.66 0.00	7.58 0.59 0.33	3.02 0.21 0.00	7.83 0.56 0.00	3.35 0.27 0.00	6.76 0.49 -0.01	4.92 0.34 0.00	18.51 1.20 0.00	18.79 1.10 0.00	23.39 1.21 0.00	25.49 1.25 0.00	19.28 1.01 0.00	8.15 0.46 0.00	4.68 0.31 0.00
ASTORIA_GT_5 24106	14.80 0.94 0.00	9.58 0.64 0.00	8.37 0.53 0.00	8.16 0.48 0.00	10.04 0.59 0.00	5.02 0.31 0.00	1.65 0.10 0.00	6.83 0.42 0.00	11.08 0.71 0.00	14.64 0.93 0.00	9.12 0.63 0.00	7.55 0.56 0.33	3.00 0.19 0.00	7.80 0.53 0.00	3.32 0.24 0.00	6.69 0.43 0.00	4.89 0.31 0.00	18.41 1.10 0.00	19.77 1.00 -1.07	23.31 1.13 0.00	25.41 1.17 0.00	19.21 0.94 0.00	8.11 0.42 0.00	4.67 0.29 0.00
ASTORIA_GT_7 24107	14.80 0.94 0.00	9.58 0.64 0.00	8.37 0.53 0.00	8.16 0.48 0.00	10.04 0.59 0.00	5.02 0.31 0.00	1.65 0.10 0.00	6.83 0.42 0.00	11.08 0.71 0.00	14.64 0.93 0.00	9.12 0.63 0.00	7.55 0.56 0.33	3.00 0.19 0.00	7.80 0.53 0.00	3.32 0.24 0.00									

ATHENS_STG_1 23668	14.39 0.52 0.00	9.32 0.38 0.00	8.17 0.33 0.00	7.99 0.32 0.00	9.83 0.38 0.00	4.90 0.19 0.00	1.61 0.06 0.00	6.65 0.24 0.00	10.77 0.39 0.00	14.17 0.46 0.00	8.78 0.28 0.00	7.23 0.25 0.34	2.89 0.08 0.00	7.49 0.21 0.00	3.19 0.11 0.00	6.45 0.18 0.00	4.71 0.14 0.00	17.78 0.46 0.00	18.11 0.41 0.00	22.64 0.46 0.00	24.72 0.48 0.00	18.69 0.42 0.00	7.91 0.22 0.00	4.53 0.16 0.00
ATHENS_STG_2 23670	14.39 0.52 0.00	9.32 0.38 0.00	8.17 0.33 0.00	7.99 0.32 0.00	9.83 0.38 0.00	4.90 0.19 0.00	1.61 0.06 0.00	6.65 0.24 0.00	10.77 0.39 0.00	14.17 0.46 0.00	8.78 0.28 0.00	7.23 0.25 0.34	2.89 0.08 0.00	7.49 0.21 0.00	3.19 0.11 0.00	6.45 0.18 0.00	4.71 0.14 0.00	17.78 0.46 0.00	18.11 0.41 0.00	22.64 0.46 0.00	24.72 0.48 0.00	18.69 0.42 0.00	7.91 0.22 0.00	4.53 0.16 0.00
ATHENS_STG_3 23677	14.39 0.52 0.00	9.32 0.38 0.00	8.17 0.33 0.00	7.99 0.32 0.00	9.83 0.38 0.00	4.90 0.19 0.00	1.61 0.06 0.00	6.65 0.24 0.00	10.77 0.39 0.00	14.17 0.46 0.00	8.78 0.28 0.00	7.23 0.25 0.34	2.89 0.08 0.00	7.49 0.21 0.00	3.19 0.11 0.00	6.45 0.18 0.00	4.71 0.14 0.00	17.78 0.46 0.00	18.11 0.41 0.00	22.64 0.46 0.00	24.72 0.48 0.00	18.69 0.42 0.00	7.91 0.22 0.00	4.53 0.16 0.00
AUBURN___LFGE 323710	13.94 0.08 0.00	8.97 0.03 0.00	7.88 0.05 0.00	7.74 0.06 0.00	9.54 0.09 0.00	4.76 0.05 0.00	1.57 0.02 0.00	6.43 0.01 0.00	10.35 -0.03 0.00	13.72 0.01 0.00	8.51 0.02 0.00	6.90 -0.04 0.39	2.78 -0.02 0.00	7.22 -0.05 0.00	3.06 -0.02 0.00	6.25 -0.02 0.00	4.55 -0.02 0.00	17.17 -0.15 0.00	17.48 -0.22 0.00	21.94 -0.24 0.00	24.00 -0.23 0.00	18.09 -0.19 0.00	7.62 -0.07 0.00	4.37 -0.01 0.00
BABYLON_RES_REC 323704	15.00 1.14 0.00	9.78 0.84 0.00	8.57 0.73 0.00	8.33 0.66 0.00	10.19 0.74 0.00	5.11 0.41 0.00	1.68 0.13 0.00	6.93 0.52 0.00	11.19 0.81 0.00	15.91 1.01 -1.19	18.79 0.74 -9.55	15.90 0.70 -7.88	3.06 0.25 0.00	8.80 0.65 -0.88	12.03 0.31 -8.65	28.63 0.56 -21.80	25.71 0.42 -20.71	33.30 1.45 -14.54	129.99 1.48 -110.81	40.24 1.54 -16.51	53.79 1.68 -27.88	31.00 1.30 -11.43	35.26 0.61 -26.96	15.71 0.40 -10.94
BALL_HILL_WT_PWR 323825	13.61 -0.25 0.00	8.62 -0.32 0.00	7.64 -0.20 0.00	7.58 -0.09 0.00	9.36 -0.09 0.00	4.68 -0.02 0.00	1.54 -0.01 0.00	6.36 -0.06 0.00	8.15 -0.17 2.06	7.91 -0.30 5.51	4.80 -0.15 3.55	1.72 -0.24 5.36	0.65 -0.10 2.05	3.75 -0.30 3.22	2.90 -0.18 0.00	6.00 -0.26 0.00	4.29 -0.28 0.00	16.20 -1.12 0.00	16.51 -1.18 0.00	20.88 -1.30 0.00	22.95 -1.29 0.00	17.14 -1.13 0.00	7.24 -0.45 0.00	4.23 -0.15 0.00
BARON_WINDS___WT_PWR 323822	13.45 -0.41 0.00	8.59 -0.35 0.00	7.58 -0.26 0.00	7.47 -0.20 0.00	9.23 -0.22 0.00	4.64 -0.06 0.00	1.53 -0.02 0.00	6.23 -0.19 0.00	-5.66 -0.43 15.60	-28.86 -0.78 41.79	-18.83 -0.42 26.90	-32.08 -0.44 38.96	-12.91 -0.18 15.53	-17.66 -0.48 24.45	2.90 -0.18 0.00	6.00 -0.26 0.00	4.32 -0.25 0.01	16.40 -0.92 0.00	16.68 -1.02 0.00	21.01 -1.17 0.00	23.03 -1.20 0.00	17.42 -0.85 0.00	7.39 -0.30 0.00	4.28 -0.10 0.00
BARRETT_IC_1 23704	14.88 1.01 0.00	9.72 0.78 0.00	8.51 0.67 0.00	8.28 0.60 0.00	10.14 0.69 0.00	5.08 0.38 0.00	1.67 0.12 0.00	6.89 0.48 0.00	93.34 0.76 -82.20	122.76 0.95 -108.10	196.55 0.68 -187.38	156.18 0.63 -148.23	236.49 0.22 -233.46	242.59 0.59 -234.72	246.45 0.29 -243.09	238.88 0.50 -232.11	210.62 0.35 -205.68	208.70 1.22 -190.17	1401.31 1.19 -1382.42	277.11 1.24 -253.69	322.53 1.32 -296.96	143.41 1.05 -124.09	253.60 0.49 -245.41	147.14 0.34 -142.42
BARRETT_IC_10 23701	14.88 1.01 0.00	9.72 0.78 0.00	8.51 0.67 0.00	8.28 0.60 0.00	10.14 0.69 0.00	5.08 0.38 0.00	1.67 0.12 0.00	6.89 0.48 0.00	39.39 0.76 -28.25	62.28 0.95 -47.62	66.14 0.68 -56.97	65.25 0.63 -57.30	65.39 0.22 -62.36	71.20 0.59 -63.34	74.55 0.29 -71.18	84.11 0.50 -77.34	74.35 0.35 -69.42	79.63 1.22 -61.10	420.42 1.19 -401.53	101.59 1.24 -78.16	124.60 1.32 -99.04	60.15 1.05 -40.83	109.87 0.49 -101.68	147.14 0.34 -142.42
BARRETT_IC_11 23702	14.88 1.01 0.00	9.72 0.78 0.00	8.51 0.67 0.00	8.28 0.60 0.00	10.14 0.69 0.00	5.08 0.38 0.00	1.67 0.12 0.00	6.89 0.48 0.00	39.39 0.76 -28.25	62.28 0.95 -47.62	66.14 0.68 -56.97	65.25 0.63 -57.30	65.39 0.22 -62.36	71.20 0.59 -63.34	74.55 0.29 -71.18	84.11 0.50 -77.34	74.35 0.35 -69.42	79.63 1.22 -61.10	420.42 1.19 -401.53	101.59 1.24 -78.16	124.60 1.32 -99.04	60.15 1.05 -40.83	109.87 0.49 -101.68	147.14 0.34 -142.42
BARRETT_IC_12 23703	14.88 1.01 0.00	9.72 0.78 0.00	8.51 0.67 0.00	8.28 0.60 0.00	10.14 0.69 0.00	5.08 0.38 0.00	1.67 0.12 0.00	6.89 0.48 0.00	39.39 0.76 -28.25	62.28 0.95 -47.62	66.14 0.68 -56.97	65.25 0.63 -57.30	65.39 0.22 -62.36	71.20 0.59 -63.34	74.55 0.29 -71.18	84.11 0.50 -77.34	74.35 0.35 -69.42	79.63 1.22 -61.10	420.42 1.19 -401.53	101.59 1.24 -78.16	124.60 1.32 -99.04	60.15 1.05 -40.83	109.87 0.49 -101.68	147.14 0.34 -142.42
BARRETT_IC_2 23705	14.88 1.01 0.00	9.72 0.78 0.00	8.51 0.67 0.00	8.28 0.60 0.00	10.14 0.69 0.00	5.08 0.38 0.00	1.67 0.12 0.00	6.89 0.48 0.00	93.34 0.76 -82.20	122.76 0.95 -108.10	196.55 0.68 -187.38	156.18 0.63 -148.23	236.49 0.22 -233.46	242.59 0.59 -234.72	246.45 0.29 -243.09	238.88 0.50 -232.11	210.62 0.35 -205.68	208.70 1.22 -190.17	1401.31 1.19 -1382.42	277.11 1.24 -253.69	322.53 1.32 -296.96	143.41 1.05 -124.09	253.60 0.49 -245.41	147.14 0.34 -142.42
BARRETT_IC_3 23706	14.88 1.01 0.00	9.72 0.78 0.00	8.51 0.67 0.00	8.28 0.60 0.00	10.14 0.69 0.00	5.08 0.38 0.00	1.67 0.12 0.00	6.89 0.48 0.00	93.34 0.76 -82.20	122.76 0.95 -108.10	196.55 0.68 -187.38	156.18 0.63 -148.23	236.49 0.22 -233.46	242.59 0.59 -234.72	246.45 0.29 -243.09	238.88 0.50 -232.11	210.62 0.35 -205.68	208.70 1.22 -190.17	1401.31 1.19 -1382.42	277.11 1.24 -253.69	322.53 1.32 -296.96	143.41 1.05 -124.09	253.60 0.49 -245.41	147.14 0.34 -142.42
BARRETT_IC_4 23707	14.88 1.01 0.00	9.72 0.78 0.00	8.51 0.67 0.00	8.28 0.60 0.00	10.14 0.69 0.00	5.08 0.38 0.00	1.67 0.12 0.00	6.89 0.48 0.00	93.34 0.76 -82.20	122.76 0.95 -108.10	196.55 0.68 -187.38	156.18 0.63 -148.23	236.49 0.22 -233.46	242.59 0.59 -234.72	246.45 0.29 -243.09	238.88 0.50 -232.11	210.62 0.35 -205.68	208.70 1.22 -190.17	1401.31 1.19 -1382.42	277.11 1.24 -253.69	322.53 1.32 -296.96	143.41 1.05 -124.09	253.60 0.49 -245.41	147.14 0.34 -142.42
BARRETT_IC_5 23708	14.88 1.01 0.00	9.72 0.78 0.00	8.51 0.67 0.00	8.28 0.60 0.00	10.14 0.69 0.00	5.08 0.38 0.00	1.67 0.12 0.00	6.89 0.48 0.00	93.34 0.76 -82.20	122.76 0.95 -108.10	196.55 0.68 -187.38	156.18 0.63 -148.23	236.49 0.22 -233.46	242.59 0.59 -234.72	246.45 0.29 -243.09	238.88 0.50 -232.11	210.62 0.35 -205.68	208.70 1.22 -190.17	1401.31 1.19 -1382.42	277.11 1.24 -253.69	322.53 1.32 -296.96	143.41 1.05 -124.09	253.60 0.49 -245.41	147.14 0.34 -142.42

BARRETT_IC_6 23709	14.88 1.01 0.00	9.72 0.78 0.00	8.51 0.67 0.00	8.28 0.60 0.00	10.14 0.69 0.00	5.08 0.38 0.00	1.67 0.12 0.00	6.89 0.48 0.00	93.34 0.76 -82.20	122.76 0.95 -108.10	196.55 0.68 -187.38	156.18 0.63 -148.23	236.49 0.22 -233.46	242.59 0.59 -234.72	246.45 0.29 -243.09	238.88 0.50 -232.11	210.62 0.35 -205.68	208.70 1.22 -190.17	1401.31 1.19 -1382.42	277.11 1.24 -253.69	322.53 1.32 -296.96	143.41 1.05 -124.09	253.60 0.49 -245.41	147.14 0.34 -142.42
BARRETT_IC_7 23710	14.88 1.01 0.00	9.72 0.78 0.00	8.51 0.67 0.00	8.28 0.61 0.00	10.14 0.69 0.00	5.08 0.38 0.00	1.67 0.12 0.00	6.89 0.48 0.00	93.34 0.76 -82.20	122.76 0.95 -108.10	196.55 0.68 -187.38	156.18 0.63 -148.23	236.49 0.22 -233.46	242.59 0.59 -234.72	246.45 0.29 -243.09	238.88 0.50 -232.11	210.62 0.35 -205.68	208.71 1.22 -190.17	1401.32 1.21 -1382.42	277.11 1.25 -253.69	322.53 1.32 -296.96	143.40 1.05 -124.09	253.60 0.50 -245.41	147.14 0.34 -142.42
BARRETT_IC_8 23711	14.88 1.01 0.00	9.72 0.78 0.00	8.51 0.67 0.00	8.28 0.60 0.00	10.14 0.69 0.00	5.08 0.38 0.00	1.67 0.12 0.00	6.89 0.48 0.00	93.34 0.76 -82.20	122.76 0.95 -108.10	196.55 0.68 -187.38	156.18 0.63 -148.23	236.49 0.22 -233.46	242.59 0.59 -234.72	246.45 0.29 -243.09	238.88 0.50 -232.11	210.62 0.35 -205.68	208.70 1.22 -190.17	1401.31 1.19 -1382.42	277.11 1.24 -253.69	322.53 1.32 -296.96	143.41 1.05 -124.09	253.60 0.49 -245.41	147.14 0.34 -142.42
BARRETT_IC_9 23700	14.88 1.01 0.00	9.72 0.78 0.00	8.51 0.67 0.00	8.28 0.60 0.00	10.14 0.69 0.00	5.08 0.38 0.00	1.67 0.12 0.00	6.89 0.48 0.00	39.39 0.76 -28.25	62.28 0.95 -47.62	66.14 0.68 -56.97	65.25 0.63 -57.30	65.39 0.22 -62.36	71.20 0.59 -63.34	74.55 0.29 -71.18	84.11 0.50 -77.34	74.35 0.35 -69.42	79.63 1.22 -61.10	420.42 1.19 -401.53	101.59 1.24 -78.16	124.60 1.32 -99.04	60.15 1.05 -40.83	109.87 0.49 -101.68	147.14 0.34 -142.42
BARRETT___1 23545	14.88 1.01 0.00	9.72 0.78 0.00	8.51 0.67 0.00	8.28 0.60 0.00	10.14 0.69 0.00	5.08 0.38 0.00	1.67 0.12 0.00	6.89 0.48 0.00	93.34 0.76 -82.20	122.76 0.95 -108.10	196.55 0.68 -187.38	156.18 0.63 -148.23	236.49 0.22 -233.46	242.59 0.59 -234.72	246.45 0.29 -243.09	238.88 0.50 -232.11	210.62 0.35 -205.68	208.70 1.22 -190.17	1401.31 1.19 -1382.42	277.11 1.24 -253.69	322.53 1.32 -296.96	143.41 1.05 -124.09	253.60 0.49 -245.41	147.14 0.34 -142.42
BARRETT___2 23546	14.88 1.01 0.00	9.72 0.78 0.00	8.51 0.67 0.00	8.28 0.60 0.00	10.14 0.69 0.00	5.08 0.38 0.00	1.67 0.12 0.00	6.89 0.48 0.00	39.39 0.76 -28.25	62.28 0.95 -47.62	66.14 0.68 -56.97	65.25 0.63 -57.30	65.39 0.22 -62.36	71.20 0.59 -63.34	74.55 0.29 -71.18	84.11 0.50 -77.34	74.35 0.35 -69.42	79.63 1.22 -61.10	420.42 1.19 -401.53	101.59 1.24 -78.16	124.60 1.32 -99.04	60.15 1.05 -40.83	109.87 0.49 -101.68	147.14 0.34 -142.42
BATAVIA__115KV_TB1 55881	13.84 -0.02 0.00	8.78 -0.16 0.00	7.76 -0.08 0.00	7.68 0.00 0.00	9.46 0.01 0.00	4.72 0.03 0.00	1.56 0.01 0.00	6.39 -0.03 0.00	8.85 -0.17 1.36	9.90 -0.17 3.64	6.06 -0.10 2.34	3.49 -0.17 3.66	1.37 -0.08 1.35	4.99 -0.15 2.13	2.97 -0.11 0.00	6.14 -0.12 0.00	4.38 -0.20 0.00	16.68 -0.64 0.00	17.12 -0.58 0.00	21.61 -0.57 0.00	23.57 -0.67 0.00	17.53 -0.74 0.00	7.39 -0.30 0.00	4.30 -0.08 0.00
BAYONEEC___CTG1 323682	14.87 1.01 0.00	9.64 0.70 0.00	8.45 0.61 0.00	8.24 0.56 0.00	10.10 0.65 0.00	5.04 0.34 0.00	1.66 0.11 0.00	6.86 0.44 0.00	11.12 0.74 0.00	14.65 0.94 0.00	9.12 0.63 0.00	7.55 0.56 0.33	3.00 0.20 0.00	7.80 0.53 0.00	3.34 0.26 0.00	6.73 0.46 0.00	4.91 0.33 0.00	18.49 1.17 0.00	18.76 1.06 0.00	23.34 1.16 0.00	25.45 1.21 0.00	19.25 0.97 0.00	8.13 0.44 0.00	4.68 0.30 0.00
BAYONEEC___CTG10 323750	14.87 1.01 0.00	9.64 0.70 0.00	8.45 0.61 0.00	8.24 0.56 0.00	10.10 0.65 0.00	5.04 0.34 0.00	1.66 0.11 0.00	6.86 0.44 0.00	11.12 0.74 0.00	14.65 0.94 0.00	9.12 0.63 0.00	7.55 0.56 0.33	3.00 0.20 0.00	7.80 0.53 0.00	3.34 0.26 0.00	6.73 0.46 0.00	4.91 0.33 0.00	18.49 1.17 0.00	18.76 1.06 0.00	23.34 1.16 0.00	25.45 1.21 0.00	19.25 0.97 0.00	8.13 0.44 0.00	4.68 0.30 0.00
BAYONEEC___CTG2 323683	14.87 1.01 0.00	9.64 0.70 0.00	8.45 0.61 0.00	8.24 0.56 0.00	10.10 0.65 0.00	5.04 0.34 0.00	1.66 0.11 0.00	6.86 0.44 0.00	11.12 0.74 0.00	14.65 0.94 0.00	9.12 0.63 0.00	7.55 0.56 0.33	3.00 0.20 0.00	7.80 0.53 0.00	3.34 0.26 0.00	6.73 0.46 0.00	4.91 0.33 0.00	18.49 1.17 0.00	18.76 1.06 0.00	23.34 1.16 0.00	25.45 1.21 0.00	19.25 0.97 0.00	8.13 0.44 0.00	4.68 0.30 0.00
BAYONEEC___CTG3 323684	14.87 1.01 0.00	9.64 0.70 0.00	8.45 0.61 0.00	8.24 0.56 0.00	10.10 0.65 0.00	5.04 0.34 0.00	1.66 0.11 0.00	6.86 0.44 0.00	11.12 0.74 0.00	14.65 0.94 0.00	9.12 0.63 0.00	7.55 0.56 0.33	3.00 0.20 0.00	7.80 0.53 0.00	3.34 0.26 0.00	6.73 0.46 0.00	4.91 0.33 0.00	18.49 1.17 0.00	18.76 1.06 0.00	23.34 1.16 0.00	25.45 1.21 0.00	19.25 0.97 0.00	8.13 0.44 0.00	4.68 0.30 0.00
BAYONEEC___CTG4 323685	14.87 1.01 0.00	9.64 0.70 0.00	8.45 0.61 0.00	8.24 0.56 0.00	10.10 0.65 0.00	5.04 0.34 0.00	1.66 0.11 0.00	6.86 0.44 0.00	11.12 0.74 0.00	14.65 0.94 0.00	9.12 0.63 0.00	7.55 0.56 0.33	3.00 0.20 0.00	7.80 0.53 0.00	3.34 0.26 0.00	6.73 0.46 0.00	4.91 0.33 0.00	18.49 1.17 0.00	18.76 1.06 0.00	23.34 1.16 0.00	25.45 1.21 0.00	19.25 0.97 0.00	8.13 0.44 0.00	4.68 0.30 0.00
BAYONEEC___CTG5 323686	14.87 1.01 0.00	9.64 0.70 0.00	8.45 0.61 0.00	8.24 0.56 0.00	10.10 0.65 0.00	5.04 0.34 0.00	1.66 0.11 0.00	6.86 0.44 0.00	11.12 0.74 0.00	14.65 0.94 0.00	9.12 0.63 0.00	7.55 0.56 0.33	3.00 0.20 0.00	7.80 0.53 0.00	3.34 0.26 0.00	6.73 0.46 0.00	4.91 0.33 0.00	18.49 1.17 0.00	18.76 1.06 0.00	23.34 1.16 0.00	25.45 1.21 0.00	19.25 0.97 0.00	8.13 0.44 0.00	4.68 0.30 0.00
BAYONEEC___CTG6 323687	14.87 1.01 0.00	9.64 0.70 0.00	8.45 0.61 0.00	8.24 0.56 0.00	10.10 0.65 0.00	5.04 0.34 0.00	1.66 0.11 0.00	6.86 0.44 0.00	11.12 0.74 0.00	14.65 0.94 0.00	9.12 0.63 0.00	7.55 0.56 0.33	3.00 0.20 0.00	7.80 0.53 0.00	3.34 0.26 0.00	6.73 0.46 0.00	4.91 0.33 0.00	18.49 1.17 0.00	18.76 1.06 0.00	23.34 1.16 0.00	25.45 1.21 0.00	19.25 0.97 0.00	8.13 0.44 0.00	4.68 0.30 0.00
BAYONEEC___CTG7 323688	14.87 1.01 0.00	9.64 0.70 0.00	8.45 0.61 0.00	8.24 0.56 0.00	10.10 0.65 0.00	5.04 0.34 0.00	1.66 0.11 0.00	6.86 0.44 0.00	11.12 0.74 0.00	14.65 0.94 0.00	9.12 0.63 0.00	7.55 0.56 0.33	3.00 0.20 0.00	7.80 0.53 0.00	3.34 0.26 0.00	6.73 0.46 0.00	4.91 0.33 0.00	18.49 1.17 0.00	18.76 1.06 0.00	23.34 1.16 0.00	25.45 1.21 0.00	19.25 0.97 0.00	8.13 0.44 0.00	4.68 0.30 0.00

BAYONEEC___CTG8 323689	14.87 1.01 0.00	9.64 0.70 0.00	8.45 0.61 0.00	8.24 0.56 0.00	10.10 0.65 0.00	5.04 0.34 0.00	1.66 0.11 0.00	6.86 0.44 0.00	11.12 0.74 0.00	14.65 0.94 0.00	9.12 0.63 0.00	7.55 0.56 0.33	3.00 0.20 0.00	7.80 0.53 0.00	3.34 0.26 0.00	6.73 0.46 0.00	4.91 0.33 0.00	18.49 1.17 0.00	18.76 1.06 0.00	23.34 1.16 0.00	25.45 1.21 0.00	19.25 0.97 0.00	8.13 0.44 0.00	4.68 0.30 0.00
BAYONEEC___CTG9 323749	14.87 1.01 0.00	9.64 0.70 0.00	8.45 0.61 0.00	8.24 0.56 0.00	10.10 0.65 0.00	5.04 0.34 0.00	1.66 0.11 0.00	6.86 0.44 0.00	11.12 0.74 0.00	14.65 0.94 0.00	9.12 0.63 0.00	7.55 0.56 0.33	3.00 0.20 0.00	7.80 0.53 0.00	3.34 0.26 0.00	6.73 0.46 0.00	4.91 0.33 0.00	18.49 1.17 0.00	18.76 1.06 0.00	23.34 1.16 0.00	25.45 1.21 0.00	19.25 0.97 0.00	8.13 0.44 0.00	4.68 0.30 0.00
BEACON___LESR 323632	14.39 0.53 0.00	9.34 0.40 0.00	8.19 0.35 0.00	8.02 0.34 0.00	9.84 0.40 0.00	4.90 0.20 0.00	1.61 0.06 0.00	6.65 0.23 0.00	10.74 0.36 0.00	14.18 0.47 0.00	8.74 0.24 0.00	7.19 0.22 0.36	2.88 0.07 0.00	7.45 0.18 0.00	3.17 0.09 0.00	6.41 0.15 0.00	4.70 0.12 0.00	17.69 0.37 0.00	18.05 0.35 0.00	22.66 0.48 0.00	24.71 0.47 0.00	18.60 0.33 0.00	7.89 0.20 0.00	4.52 0.15 0.00
BEAVER RIVER___HYD 24048	13.60 -0.27 0.00	8.73 -0.21 0.00	7.66 -0.17 0.00	7.53 -0.15 0.00	9.30 -0.14 0.00	4.62 -0.08 0.00	1.53 -0.02 0.00	6.31 -0.11 0.00	10.25 -0.13 0.00	13.35 -0.36 0.00	8.18 -0.32 0.00	5.85 -0.38 1.10	2.65 -0.16 0.00	6.82 -0.45 0.00	2.90 -0.18 0.00	5.83 -0.44 0.00	4.31 -0.26 0.00	16.49 -0.83 0.00	17.12 -0.58 0.00	21.91 -0.27 0.00	24.28 0.04 0.00	18.16 -0.11 0.00	7.65 -0.04 0.00	4.40 0.03 0.00
BEEBEE_GT_13 23619	13.74 -0.12 0.00	8.77 -0.17 0.00	7.73 -0.10 0.00	7.63 -0.05 0.00	9.40 -0.06 0.00	4.69 -0.02 0.00	1.54 -0.01 0.00	6.35 -0.06 0.00	10.23 -0.15 0.00	13.52 -0.19 0.00	8.42 -0.08 0.00	6.84 -0.13 0.35	2.74 -0.06 0.00	7.12 -0.15 0.00	3.00 -0.08 0.00	6.15 -0.12 0.00	4.44 -0.14 0.00	16.77 -0.55 0.00	17.14 -0.56 0.00	21.56 -0.62 0.00	23.53 -0.71 0.00	17.60 -0.67 0.00	7.42 -0.27 0.00	4.29 -0.08 0.00
BENSHRST_27_KV_BENSHRST_1 355998	15.01 1.14 0.00	9.75 0.80 -0.01	8.53 0.69 0.00	8.31 0.63 0.00	10.20 0.75 0.00	5.09 0.39 0.00	1.68 0.13 0.00	6.93 0.51 0.00	11.22 0.84 0.00	14.79 1.08 0.00	9.22 0.72 0.00	7.63 0.64 0.33	3.03 0.23 0.00	7.89 0.62 0.00	3.37 0.30 0.00	6.81 0.54 -0.01	4.95 0.37 0.00	18.63 1.31 0.00	18.91 1.21 0.00	23.55 1.37 0.00	25.67 1.44 0.00	19.41 1.14 0.00	8.19 0.50 0.00	4.71 0.33 0.00
BETHLEHEM___GRP 23843	14.18 0.32 0.00	9.22 0.28 0.00	8.08 0.24 0.00	7.91 0.23 0.00	9.72 0.27 0.00	4.83 0.13 0.00	1.59 0.04 0.00	6.56 0.13 0.00	10.60 0.22 0.00	13.94 0.22 0.00	8.60 0.10 0.00	7.08 0.11 0.36	2.83 0.03 0.00	7.34 0.07 0.00	3.12 0.04 0.00	6.31 0.05 0.00	4.62 0.04 0.00	17.36 0.05 0.00	17.73 0.03 0.00	22.20 0.01 0.00	24.22 -0.01 0.00	18.31 0.04 0.00	7.77 0.08 0.00	4.46 0.08 0.00
BETHLEHEM___GS1 323560	14.18 0.32 0.00	9.22 0.28 0.00	8.08 0.24 0.00	7.91 0.23 0.00	9.72 0.27 0.00	4.83 0.13 0.00	1.59 0.04 0.00	6.56 0.13 0.00	10.60 0.22 0.00	13.94 0.22 0.00	8.60 0.10 0.00	7.08 0.11 0.36	2.83 0.03 0.00	7.34 0.07 0.00	3.12 0.04 0.00	6.31 0.05 0.00	4.62 0.04 0.00	17.36 0.05 0.00	17.73 0.03 0.00	22.20 0.01 0.00	24.22 -0.01 0.00	18.31 0.04 0.00	7.77 0.08 0.00	4.46 0.08 0.00
BETHLEHEM___GS2 323561	14.18 0.32 0.00	9.22 0.28 0.00	8.08 0.24 0.00	7.91 0.23 0.00	9.72 0.27 0.00	4.83 0.13 0.00	1.59 0.04 0.00	6.56 0.13 0.00	10.60 0.22 0.00	13.94 0.22 0.00	8.60 0.10 0.00	7.08 0.11 0.36	2.83 0.03 0.00	7.34 0.07 0.00	3.12 0.04 0.00	6.31 0.05 0.00	4.62 0.04 0.00	17.36 0.05 0.00	17.73 0.03 0.00	22.20 0.01 0.00	24.22 -0.01 0.00	18.31 0.04 0.00	7.77 0.08 0.00	4.46 0.08 0.00
BETHLEHEM___GS3 323562	14.18 0.32 0.00	9.22 0.28 0.00	8.08 0.24 0.00	7.91 0.23 0.00	9.72 0.27 0.00	4.83 0.13 0.00	1.59 0.04 0.00	6.56 0.13 0.00	10.60 0.22 0.00	13.94 0.22 0.00	8.60 0.10 0.00	7.08 0.11 0.36	2.83 0.03 0.00	7.34 0.07 0.00	3.12 0.04 0.00	6.31 0.05 0.00	4.62 0.04 0.00	17.36 0.05 0.00	17.73 0.03 0.00	22.20 0.01 0.00	24.22 -0.01 0.00	18.31 0.04 0.00	7.77 0.08 0.00	4.46 0.08 0.00
BETHLEHEM___STEEL 23779	13.64 -0.22 0.00	8.64 -0.30 0.00	7.65 -0.18 0.00	7.59 -0.09 0.00	9.35 -0.10 0.00	4.67 -0.03 0.00	1.54 -0.01 0.00	6.34 -0.08 0.00	7.72 -0.23 2.43	6.85 -0.35 6.52	4.15 -0.15 4.19	0.82 -0.22 6.28	0.28 -0.10 2.42	3.20 -0.27 3.81	2.93 -0.15 0.00	6.05 -0.21 0.00	4.32 -0.26 0.00	16.31 -1.01 0.00	16.66 -1.04 0.00	21.05 -1.14 0.00	23.02 -1.22 0.00	17.16 -1.11 0.00	7.25 -0.44 0.00	4.23 -0.15 0.00
BETHLHEM_115KV_TB1 79974	14.21 0.34 0.00	9.23 0.29 0.00	8.09 0.25 0.00	7.92 0.24 0.00	9.73 0.28 0.00	4.84 0.14 0.00	1.59 0.04 0.00	6.57 0.15 0.00	10.62 0.24 0.00	13.97 0.25 0.00	8.62 0.13 0.00	7.10 0.13 0.36	2.84 0.04 0.00	7.36 0.08 0.00	3.12 0.05 0.00	6.33 0.06 0.00	4.63 0.05 0.00	17.41 0.10 0.00	17.78 0.08 0.00	22.26 0.08 0.00	24.29 0.06 0.00	18.36 0.09 0.00	7.79 0.10 0.00	4.47 0.09 0.00
BETHPAGE_CC_5 323564	14.99 1.13 0.00	9.77 0.83 0.00	8.56 0.73 0.00	8.33 0.65 0.00	10.19 0.74 0.00	5.11 0.41 0.00	1.68 0.13 0.00	6.93 0.51 0.00	14.24 0.82 -3.04	20.10 1.04 -5.35	25.38 0.75 -16.13	21.35 0.70 -13.33	11.46 0.25 -8.41	17.22 0.65 -9.29	20.70 0.31 -17.31	37.60 0.56 -30.78	33.70 0.42 -28.71	40.54 1.43 -21.79	182.46 1.46 -163.31	49.86 1.52 -26.16	65.24 1.64 -39.36	35.78 1.28 -16.24	45.08 0.59 -36.79	22.16 0.39 -17.40
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	13.68 -0.19 0.00	8.67 -0.27 0.00	7.67 -0.16 0.00	7.61 -0.07 0.00	9.38 -0.07 0.00	4.69 -0.02 0.00	1.54 -0.01 0.00	6.35 -0.06 0.00	7.89 -0.20 2.29	7.26 -0.32 6.14	4.41 -0.13 3.95	1.18 -0.21 5.93	0.43 -0.09 2.28	3.44 -0.25 3.59	2.93 -0.15 0.00	6.06 -0.20 0.00	4.33 -0.25 0.00	16.35 -0.97 0.00	16.70 -1.00 0.00	21.09 -1.09 0.00	23.08 -1.16 0.00	17.21 -1.06 0.00	7.27 -0.42 0.00	4.24 -0.13 0.00
BINGHAMTON___COGEN 23790	13.97 0.10 0.00	8.98 0.04 0.00	7.89 0.05 0.00	7.75 0.07 0.00	9.54 0.09 0.00	4.76 0.06 0.00	1.57 0.02 0.00	6.48 0.06 0.00	10.48 0.09 0.00	13.77 0.05 0.00	8.57 0.08 0.00	6.88 0.02 0.45	2.80 -0.01 0.00	7.25 -0.03 0.00	3.06 -0.02 0.00	6.26 -0.01 0.00	4.56 -0.02 0.00	17.18 -0.14 0.00	17.48 -0.21 0.00	21.92 -0.26 0.00	24.00 -0.23 0.00	18.09 -0.18 0.00	7.64 -0.05 0.00	4.40 0.02 0.00

BIXINCNT_115KV_LOAD 355685	13.63 -0.24 0.00	8.66 -0.29 0.00	7.69 -0.14 0.00	7.65 -0.04 0.00	9.45 0.00 0.00	4.74 0.04 0.00	1.56 0.01 0.00	6.36 -0.06 0.00	8.65 -0.22 1.51	9.11 -0.57 4.04	5.60 -0.29 2.60	3.00 -0.31 4.02	1.16 -0.14 1.50	4.50 -0.41 2.36	2.86 -0.22 0.00	5.94 -0.32 0.00	4.24 -0.34 0.00	15.96 -1.35 0.00	16.31 -1.38 0.00	20.77 -1.41 0.00	23.06 -1.18 0.00	17.31 -0.96 0.00	7.33 -0.36 0.00	4.28 -0.09 0.00
BLACK RIVER___HYD 24047	13.72 -0.14 0.00	8.79 -0.15 0.00	7.72 -0.11 0.00	7.59 -0.09 0.00	9.38 -0.07 0.00	4.65 -0.05 0.00	1.54 -0.01 0.00	6.34 -0.08 0.00	10.32 -0.07 0.00	13.36 -0.36 0.00	8.16 -0.34 0.00	6.05 -0.39 0.88	2.64 -0.17 0.00	6.78 -0.49 0.00	2.89 -0.19 0.00	5.77 -0.49 0.00	4.27 -0.31 0.00	16.38 -0.93 0.00	17.06 -0.63 0.00	21.98 -0.20 0.00	24.42 0.19 0.00	18.27 0.00 0.00	7.70 0.01 0.00	4.44 0.06 0.00
BLACKRVR_115KV_TB2 79977	13.72 -0.14 0.00	8.79 -0.15 0.00	7.72 -0.11 0.00	7.59 -0.09 0.00	9.38 -0.07 0.00	4.65 -0.05 0.00	1.54 -0.01 0.00	6.34 -0.08 0.00	10.31 -0.07 0.00	13.36 -0.36 0.00	8.16 -0.34 0.00	6.05 -0.39 0.88	2.64 -0.17 0.00	6.78 -0.49 0.00	2.89 -0.19 0.00	5.77 -0.49 0.00	4.27 -0.31 0.00	16.38 -0.93 0.00	17.06 -0.63 0.00	21.98 -0.20 0.00	24.42 0.19 0.00	18.27 0.00 0.00	7.70 0.01 0.00	4.44 0.06 0.00
BLDWN_LI_69_KV_BK4 356085	14.99 1.13 0.00	9.77 0.84 0.00	8.56 0.73 0.00	8.33 0.65 0.00	10.19 0.75 0.00	5.11 0.41 0.00	1.68 0.13 0.00	6.93 0.51 0.00	34.05 0.82 -22.84	46.17 1.04 -31.41	68.41 0.75 -59.16	55.69 0.69 -47.68	67.44 0.24 -64.39	73.29 0.64 -65.37	77.41 0.31 -74.02	91.07 0.54 -84.27	80.95 0.39 -75.98	84.63 1.36 -65.95	501.58 1.44 -482.44	109.07 1.46 -85.42	133.60 1.56 -107.80	64.42 1.27 -44.88	101.47 0.59 -93.19	56.65 0.38 -51.89
BLISS_WT_PWR 323608	13.56 -0.30 0.00	8.62 -0.33 0.00	7.66 -0.17 0.00	7.62 -0.06 0.00	9.43 -0.02 0.00	4.73 0.03 0.00	1.55 0.01 0.00	6.34 -0.08 0.00	8.58 -0.29 1.51	8.98 -0.70 4.04	5.52 -0.37 2.60	2.93 -0.38 4.02	1.14 -0.17 1.50	4.43 -0.48 2.36	2.83 -0.25 0.00	5.89 -0.38 0.00	4.20 -0.38 0.00	15.80 -1.52 0.00	16.15 -1.55 0.00	20.63 -1.55 0.00	22.97 -1.26 0.00	17.26 -1.01 0.00	7.31 -0.38 0.00	4.28 -0.10 0.00
BLUESTONE___WT_PWR 323821	13.73 -0.14 0.00	8.83 -0.11 0.00	7.71 -0.13 0.00	7.65 -0.03 0.00	9.41 -0.04 0.00	4.73 0.02 0.00	1.58 0.03 0.00	6.44 0.02 0.00	10.44 0.06 0.00	13.72 0.01 0.00	8.63 0.14 0.00	7.00 0.10 0.43	2.81 0.01 0.00	7.30 0.03 0.00	3.08 0.00 0.00	6.28 0.01 0.00	4.55 -0.03 0.00	17.27 -0.05 0.00	17.94 0.25 0.00	22.81 0.63 0.00	25.27 1.03 0.00	19.03 0.75 0.00	7.94 0.25 0.00	4.54 0.16 0.00
BLUE_CIRC_CHEM_DRP 24182	14.31 0.45 0.00	9.29 0.35 0.00	8.14 0.30 0.00	7.98 0.30 0.00	9.82 0.37 0.00	4.89 0.19 0.00	1.60 0.06 0.00	6.63 0.21 0.00	10.72 0.34 0.00	14.10 0.39 0.00	8.70 0.20 0.00	7.13 0.16 0.35	2.85 0.05 0.00	7.38 0.11 0.00	3.13 0.05 0.00	6.36 0.09 0.00	4.66 0.08 0.00	17.55 0.23 0.00	17.93 0.24 0.00	22.47 0.29 0.00	24.59 0.35 0.00	18.57 0.30 0.00	7.87 0.18 0.00	4.51 0.13 0.00
BOC_GAS_DRP 24189	14.26 0.39 0.00	9.25 0.31 0.00	8.10 0.26 0.00	7.93 0.25 0.00	9.75 0.31 0.00	4.85 0.15 0.00	1.60 0.05 0.00	6.60 0.18 0.00	10.67 0.29 0.00	14.03 0.32 0.00	8.68 0.18 0.00	7.14 0.17 0.35	2.86 0.05 0.00	7.40 0.13 0.00	3.14 0.06 0.00	6.37 0.10 0.00	4.66 0.08 0.00	17.56 0.24 0.00	17.91 0.21 0.00	22.41 0.23 0.00	24.48 0.24 0.00	18.50 0.23 0.00	7.83 0.14 0.00	4.49 0.11 0.00
BOONVILLE_115KV_TB1 79983	14.02 0.16 0.00	9.02 0.08 0.00	7.91 0.07 0.00	7.77 0.09 0.00	9.57 0.12 0.00	4.76 0.06 0.00	1.57 0.02 0.00	6.49 0.07 0.00	10.51 0.12 0.00	13.80 0.09 0.00	8.50 0.01 0.00	6.48 -0.07 0.78	2.76 -0.05 0.00	7.14 -0.14 0.00	3.03 -0.05 0.00	6.14 -0.13 0.00	4.52 -0.06 0.00	17.12 -0.20 0.00	17.61 -0.09 0.00	22.30 0.11 0.00	24.53 0.30 0.00	18.42 0.15 0.00	7.78 0.09 0.00	4.47 0.09 0.00
BORALEX_4TH_BRANCH 23824	14.59 0.72 0.00	9.49 0.55 0.00	8.31 0.47 0.00	8.13 0.45 0.00	9.99 0.54 0.00	4.98 0.28 0.00	1.64 0.09 0.00	6.78 0.35 0.00	10.96 0.58 0.00	14.39 0.68 0.00	8.83 0.34 0.00	7.27 0.30 0.36	2.91 0.11 0.00	7.52 0.24 0.00	3.19 0.11 0.00	6.42 0.16 0.00	4.71 0.13 0.00	17.88 0.56 0.00	18.31 0.61 0.00	22.98 0.80 0.00	25.04 0.81 0.00	18.92 0.65 0.00	8.03 0.34 0.00	4.60 0.22 0.00
BOWLINE___1 23526	14.65 0.79 0.00	9.49 0.55 0.00	8.30 0.47 0.00	8.10 0.42 0.00	9.94 0.49 0.00	4.96 0.26 0.00	1.63 0.08 0.00	6.74 0.33 0.00	10.91 0.52 0.00	14.36 0.65 0.00	8.93 0.44 0.00	7.39 0.39 0.32	2.94 0.14 0.00	7.65 0.37 0.00	3.27 0.19 0.00	6.61 0.35 0.00	4.83 0.25 0.00	18.21 0.89 0.00	18.51 0.81 0.00	23.04 0.86 0.00	25.13 0.89 0.00	18.99 0.72 0.00	8.01 0.32 0.00	4.62 0.24 0.00
BOWLINE___2 23595	14.65 0.79 0.00	9.49 0.55 0.00	8.30 0.47 0.00	8.10 0.42 0.00	9.94 0.49 0.00	4.96 0.26 0.00	1.63 0.08 0.00	6.74 0.33 0.00	10.91 0.52 0.00	14.36 0.65 0.00	8.93 0.44 0.00	7.39 0.39 0.32	2.94 0.14 0.00	7.65 0.37 0.00	3.27 0.19 0.00	6.61 0.35 0.00	4.83 0.25 0.00	18.21 0.89 0.00	18.51 0.81 0.00	23.04 0.86 0.00	25.13 0.89 0.00	18.99 0.72 0.00	8.01 0.32 0.00	4.62 0.24 0.00
BRADY___115KV_TB2 356060	13.52 -0.35 0.00	8.68 -0.26 0.00	7.60 -0.23 0.00	7.46 -0.22 0.00	9.21 -0.23 0.00	4.58 -0.12 0.00	1.51 -0.04 0.00	6.30 -0.12 0.00	10.19 -0.19 0.00	13.37 -0.34 0.00	8.27 -0.22 0.00	4.86 -0.16 2.31	2.77 -0.04 0.00	7.20 -0.07 0.00	3.06 -0.02 0.00	6.15 -0.11 0.00	4.54 -0.04 0.00	17.29 -0.02 0.00	17.93 0.23 0.00	22.62 0.44 0.00	24.76 0.52 0.00	18.58 0.31 0.00	7.73 0.04 0.00	4.36 -0.02 0.00
BRANSCOMB___SOLAR 323811	14.59 0.72 0.00	9.46 0.52 0.00	8.29 0.46 0.00	8.12 0.44 0.00	9.99 0.54 0.00	4.98 0.27 0.00	1.64 0.09 0.00	6.76 0.34 0.00	10.96 0.58 0.00	14.39 0.68 0.00	8.82 0.33 0.00	7.21 0.25 0.36	2.89 0.08 0.00	7.48 0.20 0.00	3.17 0.09 0.00	6.41 0.15 0.00	4.71 0.13 0.00	17.88 0.56 0.00	18.30 0.60 0.00	23.01 0.83 0.00	25.17 0.93 0.00	19.02 0.75 0.00	8.05 0.35 0.00	4.60 0.23 0.00
BRDGHMPT_69_KV_BK1 55812	14.97 1.11 0.00	9.76 0.82 0.00	8.58 0.74 0.00	8.35 0.66 0.00	10.20 0.75 0.00	5.13 0.43 0.00	1.69 0.14 0.00	6.93 0.51 0.00	7.06 0.82 4.14	10.38 1.04 4.37	9.61 0.79 -0.33	8.41 0.71 -0.37	-8.59 0.28 11.68	-2.88 0.67 10.82	-0.10 0.32 3.50	15.53 0.57 -8.69	14.02 0.45 -8.99	22.73 1.39 -4.02	53.85 1.45 -34.71	26.34 1.54 -2.63	36.88 1.68 -10.96	23.96 1.32 -4.37	20.98 0.64 -12.65	7.47 0.39 -2.71

BRENTWOD_69_KV_W. BRTWOOD 56703	15.09 1.23 0.00	9.84 0.89 0.00	8.63 0.79 0.00	8.39 0.71 0.00	10.25 0.80 0.00	5.15 0.45 0.00	1.70 0.15 0.00	6.98 0.56 0.00	7.99 0.87 3.27	11.58 1.06 3.19	11.54 0.80 -2.25	10.01 0.75 -1.94	-6.16 0.27 9.24	-0.39 0.71 8.38	2.44 0.34 0.98	18.23 0.61 -11.35	16.40 0.45 -11.37	25.04 1.55 -6.16	69.53 1.58 -50.25	29.35 1.68 -5.49	40.54 1.81 -14.50	25.53 1.41 -5.85	23.99 0.65 -15.64	9.29 0.43 -4.49
BRISTLHL_115KV_TB1 79998	13.71 -0.15 0.00	8.83 -0.11 0.00	7.75 -0.09 0.00	7.60 -0.08 0.00	9.35 -0.09 0.00	4.66 -0.04 0.00	1.54 -0.02 0.00	6.33 -0.09 0.00	10.24 -0.14 0.00	13.52 -0.19 0.00	8.36 -0.13 0.00	6.74 -0.14 0.44	2.74 -0.07 0.00	7.10 -0.17 0.00	3.01 -0.07 0.00	6.14 -0.13 0.00	4.48 -0.10 0.00	16.90 -0.42 0.00	17.24 -0.46 0.00	21.63 -0.55 0.00	23.64 -0.59 0.00	17.83 -0.44 0.00	7.52 -0.17 0.00	4.30 -0.07 0.00
BROOKHAVEN___DRP 24191	15.01 1.15 0.00	9.79 0.85 0.00	8.59 0.75 0.00	8.35 0.67 0.00	10.20 0.75 0.00	5.13 0.43 0.00	1.69 0.14 0.00	6.94 0.53 0.00	7.02 0.80 4.16	10.28 0.97 4.40	9.51 0.74 -0.28	8.35 0.70 -0.33	-8.68 0.26 11.74	-2.95 0.67 10.89	-0.17 0.32 3.57	15.46 0.58 -8.62	13.94 0.44 -8.93	22.67 1.39 -3.96	53.39 1.41 -34.28	26.19 1.46 -2.55	36.72 1.61 -10.88	23.86 1.26 -4.33	20.85 0.59 -12.57	7.43 0.39 -2.66
BROOKLYN_NAVY_YARD 23515	14.82 0.96 0.00	9.61 0.67 0.01	8.41 0.59 0.01	8.20 0.53 0.01	10.06 0.62 0.01	5.02 0.32 0.01	1.65 0.11 0.01	6.84 0.42 0.00	11.08 0.70 0.00	14.61 0.90 0.00	9.10 0.60 0.00	7.53 0.54 0.33	2.99 0.19 0.00	7.78 0.50 0.00	3.32 0.25 0.01	6.70 0.44 0.01	4.88 0.31 0.01	18.42 1.12 0.01	7.60 1.00 11.10	23.26 1.09 0.01	25.35 1.12 0.01	19.18 0.91 0.01	8.10 0.41 0.01	4.66 0.29 0.00
BROOKLYN___ARMY_DRP 323595	14.95 1.08 0.00	9.71 0.76 -0.01	8.50 0.66 0.00	8.28 0.60 0.00	10.16 0.72 0.00	5.07 0.37 0.00	1.67 0.12 0.00	6.90 0.48 0.00	11.18 0.80 0.00	14.73 1.02 0.00	9.18 0.68 0.00	7.60 0.60 0.33	3.02 0.22 0.00	7.85 0.58 0.00	3.36 0.28 0.00	6.77 0.50 -0.01	4.93 0.35 0.00	18.53 1.22 0.00	18.82 1.12 0.00	23.43 1.24 0.00	25.54 1.30 0.00	19.31 1.04 0.00	8.16 0.46 0.00	4.69 0.31 0.00
BROOME_2_LFGE 323671	13.97 0.10 0.00	8.98 0.04 0.00	7.89 0.05 0.00	7.75 0.07 0.00	9.54 0.09 0.00	4.76 0.06 0.00	1.57 0.02 0.00	6.48 0.06 0.00	10.47 0.09 0.00	13.76 0.05 0.00	8.57 0.07 0.00	6.88 0.01 0.45	2.80 -0.01 0.00	7.25 -0.03 0.00	3.06 -0.02 0.00	6.26 -0.01 0.00	4.56 -0.02 0.00	17.18 -0.14 0.00	17.49 -0.21 0.00	21.92 -0.26 0.00	24.00 -0.23 0.00	18.09 -0.18 0.00	7.64 -0.05 0.00	4.40 0.02 0.00
BROOME___LFGE 323600	13.97 0.10 0.00	8.98 0.04 0.00	7.89 0.05 0.00	7.75 0.07 0.00	9.54 0.09 0.00	4.76 0.06 0.00	1.57 0.02 0.00	6.48 0.06 0.00	10.47 0.09 0.00	13.76 0.05 0.00	8.57 0.07 0.00	6.88 0.01 0.45	2.80 -0.01 0.00	7.25 -0.03 0.00	3.06 -0.02 0.00	6.26 -0.01 0.00	4.56 -0.02 0.00	17.18 -0.14 0.00	17.49 -0.21 0.00	21.92 -0.26 0.00	24.00 -0.23 0.00	18.09 -0.18 0.00	7.64 -0.05 0.00	4.40 0.02 0.00
BROWNFLS_115KV_TB_3_5 80003	13.33 -0.53 0.00	8.56 -0.38 0.00	7.50 -0.33 0.00	7.37 -0.31 0.00	9.14 -0.31 0.00	4.54 -0.16 0.00	1.50 -0.05 0.00	6.23 -0.19 0.00	10.11 -0.27 0.00	13.22 -0.49 0.00	8.12 -0.38 0.00	5.37 -0.38 1.58	2.67 -0.14 0.00	6.91 -0.37 0.00	2.94 -0.14 0.00	5.90 -0.36 0.00	4.35 -0.22 0.00	16.63 -0.69 0.00	17.24 -0.45 0.00	21.94 -0.24 0.00	24.21 -0.03 0.00	18.13 -0.14 0.00	7.59 -0.10 0.00	4.33 -0.04 0.00
BROWNSV1_27_KV_LOAD 356125	14.99 1.12 0.00	9.72 0.77 0.00	8.51 0.67 0.00	8.30 0.62 0.00	10.18 0.73 0.00	5.08 0.38 0.00	1.67 0.12 0.00	6.91 0.49 0.00	11.20 0.82 0.00	14.77 1.06 0.00	9.20 0.70 0.00	7.62 0.62 0.33	3.03 0.22 0.00	7.86 0.59 0.00	3.37 0.29 0.00	6.78 0.52 0.00	4.95 0.37 0.00	18.64 1.32 0.00	18.92 1.22 0.00	23.54 1.36 0.00	25.67 1.43 0.00	19.41 1.14 0.00	8.20 0.51 0.00	4.71 0.34 0.00
BURROWS___LYONSDAL 23803	13.90 0.04 0.00	8.94 0.00 0.00	7.84 0.01 0.00	7.70 0.02 0.00	9.50 0.05 0.00	4.72 0.02 0.00	1.56 0.01 0.00	6.43 0.02 0.00	10.43 0.05 0.00	13.68 -0.04 0.00	8.42 -0.08 0.00	6.33 -0.16 0.84	2.72 -0.08 0.00	7.04 -0.23 0.00	2.99 -0.09 0.00	6.04 -0.22 0.00	4.46 -0.12 0.00	16.92 -0.39 0.00	17.44 -0.25 0.00	22.15 -0.03 0.00	24.43 0.20 0.00	18.32 0.06 0.00	7.74 0.05 0.00	4.45 0.07 0.00
CAITHNESS_CC_1 323624	14.99 1.13 0.00	9.77 0.83 0.00	8.57 0.74 0.00	8.34 0.66 0.00	10.18 0.73 0.00	5.12 0.42 0.00	1.69 0.14 0.00	6.94 0.52 0.00	6.99 0.79 4.18	10.24 0.95 4.42	9.46 0.73 -0.23	8.31 0.69 -0.29	-8.74 0.26 11.80	-3.01 0.66 10.94	-0.23 0.31 3.63	15.40 0.57 -8.56	13.88 0.43 -8.87	22.61 1.38 -3.91	53.01 1.38 -33.93	26.11 1.45 -2.48	36.63 1.59 -10.81	23.82 1.25 -4.30	20.79 0.59 -12.51	7.39 0.39 -2.63
CALPINE BETH_PAGE_GT4 24209	14.97 1.11 0.00	9.76 0.82 0.00	8.55 0.72 0.00	8.32 0.64 0.00	10.18 0.73 0.00	5.10 0.40 0.00	1.68 0.13 0.00	6.92 0.50 0.00	16.79 0.81 -5.60	23.56 1.02 -8.83	31.00 0.74 -21.77	25.98 0.69 -17.97	18.60 0.24 -15.55	24.36 0.64 -16.45	28.11 0.31 -24.73	45.56 0.55 -38.74	40.82 0.41 -35.83	46.92 1.41 -28.19	228.76 1.44 -209.62	58.29 1.49 -34.61	75.40 1.60 -49.56	40.03 1.26 -20.50	53.77 0.59 -45.49	27.63 0.38 -22.87
CALPINE_BETH_PAGE_GT_4 323586	14.98 1.11 0.00	9.76 0.82 0.00	8.55 0.72 0.00	8.32 0.64 0.00	10.18 0.73 0.00	5.10 0.40 0.00	1.68 0.13 0.00	6.92 0.50 0.00	16.79 0.81 -5.60	23.56 1.02 -8.83	31.00 0.74 -21.77	25.98 0.69 -17.97	18.60 0.24 -15.55	24.36 0.64 -16.45	28.11 0.31 -24.73	45.56 0.55 -38.74	40.82 0.41 -35.83	46.92 1.41 -28.19	228.76 1.44 -209.62	58.29 1.49 -34.61	75.40 1.61 -49.56	40.03 1.26 -20.50	53.77 0.59 -45.49	27.63 0.38 -22.87
CALPINE_BP_GT1 23823	14.98 1.11 0.00	9.76 0.82 0.00	8.55 0.72 0.00	8.32 0.64 0.00	10.18 0.73 0.00	5.10 0.40 0.00	1.68 0.13 0.00	6.92 0.50 0.00	16.79 0.81 -5.60	23.56 1.02 -8.83	31.00 0.74 -21.77	25.98 0.69 -17.97	18.60 0.24 -15.55	24.36 0.64 -16.45	28.11 0.31 -24.73	45.56 0.55 -38.74	40.82 0.41 -35.83	46.92 1.41 -28.19	228.76 1.44 -209.62	58.29 1.49 -34.61	75.40 1.61 -49.56	40.03 1.26 -20.50	53.77 0.59 -45.49	27.63 0.38 -22.87
CALSPAN___DRP 24200	13.64 -0.22 0.00	8.64 -0.30 0.00	7.65 -0.18 0.00	7.59 -0.09 0.00	9.35 -0.10 0.00	4.67 -0.03 0.00	1.54 -0.01 0.00	6.34 -0.08 0.00	7.72 -0.23 2.43	6.85 -0.35 6.52	4.15 -0.15 4.19	0.82 -0.22 6.28	0.28 -0.10 2.42	3.20 -0.27 3.81	2.93 -0.15 0.00	6.05 -0.21 0.00	4.32 -0.26 0.00	16.31 -1.01 0.00	16.66 -1.04 0.00	21.05 -1.14 0.00	23.02 -1.22 0.00	17.16 -1.11 0.00	7.25 -0.44 0.00	4.23 -0.15 0.00

CALVERTON___SOLAR 323806	15.03 1.17 0.00	9.80 0.86 0.00	8.60 0.76 0.00	8.36 0.68 0.00	10.21 0.76 0.00	5.13 0.43 0.00	1.69 0.14 0.00	6.95 0.53 0.00	7.04 0.81 4.15	10.31 0.99 4.39	9.53 0.75 -0.29	8.37 0.71 -0.34	-8.66 0.27 11.73	-2.92 0.67 10.87	-0.15 0.32 3.55	15.48 0.58 -8.63	13.97 0.44 -8.95	22.68 1.39 -3.98	53.49 1.41 -34.38	26.24 1.49 -2.57	36.77 1.64 -10.90	23.89 1.29 -4.34	20.89 0.61 -12.59	7.44 0.39 -2.68
CANDIGU_WT_PWR 323617	13.45 -0.41 0.00	8.59 -0.35 0.00	7.58 -0.26 0.00	7.47 -0.20 0.00	9.23 -0.22 0.00	4.64 -0.06 0.00	1.53 -0.02 0.00	6.23 -0.19 0.00	-5.66 -0.43 15.60	-28.86 -0.78 41.79	-18.83 -0.42 26.90	-32.08 -0.44 38.96	-12.91 -0.18 15.53	-17.66 -0.48 24.45	2.90 -0.18 0.00	6.00 -0.26 0.00	4.32 -0.25 0.01	16.40 -0.92 0.00	16.68 -1.02 0.00	21.01 -1.17 0.00	23.03 -1.20 0.00	17.42 -0.85 0.00	7.39 -0.30 0.00	4.28 -0.10 0.00
CARR STREET_E_SYR 24060	13.88 0.02 0.00	8.93 -0.01 0.00	7.84 0.00 0.00	7.70 0.02 0.00	9.47 0.02 0.00	4.72 0.02 0.00	1.56 0.00 0.00	6.41 -0.01 0.00	10.36 -0.02 0.00	13.67 -0.04 0.00	8.47 -0.02 0.00	6.81 -0.06 0.46	2.77 -0.03 0.00	7.19 -0.08 0.00	3.05 -0.03 0.00	6.21 -0.05 0.00	4.53 -0.05 0.00	17.10 -0.21 0.00	17.43 -0.27 0.00	21.86 -0.33 0.00	23.89 -0.34 0.00	18.01 -0.26 0.00	7.60 -0.09 0.00	4.36 -0.02 0.00
CARTHAGE___PAPER 23857	13.72 -0.14 0.00	8.79 -0.15 0.00	7.72 -0.11 0.00	7.59 -0.09 0.00	9.38 -0.07 0.00	4.66 -0.05 0.00	1.54 -0.01 0.00	6.35 -0.07 0.00	10.33 -0.06 0.00	13.41 -0.30 0.00	8.19 -0.30 0.00	5.99 -0.37 0.96	2.65 -0.15 0.00	6.82 -0.45 0.00	2.91 -0.17 0.00	5.81 -0.45 0.00	4.31 -0.27 0.00	16.51 -0.80 0.00	17.19 -0.50 0.00	22.09 -0.09 0.00	24.52 0.29 0.00	18.33 0.06 0.00	7.72 0.03 0.00	4.44 0.06 0.00
CASSADAGA_WT_PWR 323784	13.62 -0.24 0.00	8.58 -0.36 0.00	7.65 -0.19 0.00	7.64 -0.04 0.00	9.45 0.00 0.00	4.73 0.03 0.00	1.57 0.01 0.00	6.45 0.04 0.00	8.82 -0.04 1.52	9.51 -0.13 4.07	5.74 -0.14 2.62	3.02 -0.26 4.05	1.17 -0.12 1.51	4.48 -0.41 2.38	2.83 -0.25 0.00	5.87 -0.40 0.00	4.21 -0.37 0.00	15.88 -1.44 0.00	16.20 -1.50 0.00	20.62 -1.56 0.00	22.99 -1.25 0.00	17.20 -1.07 0.00	7.25 -0.44 0.00	4.23 -0.15 0.00
CE_DUNWOOD___DRP 24194	14.80 0.93 0.00	9.60 0.66 0.00	8.41 0.57 0.00	8.20 0.52 0.00	10.05 0.60 0.00	5.02 0.32 0.00	1.65 0.10 0.00	6.83 0.41 0.00	11.05 0.67 0.00	14.56 0.85 0.00	9.05 0.56 0.00	7.49 0.50 0.33	2.98 0.18 0.00	7.74 0.47 0.00	3.31 0.23 0.00	6.67 0.41 0.00	4.88 0.30 0.00	18.39 1.07 0.00	18.67 0.98 0.00	23.25 1.07 0.00	25.35 1.11 0.00	19.17 0.90 0.00	8.10 0.41 0.00	4.65 0.28 0.00
CE_MILLWOOD___DRP 24193	14.77 0.90 0.00	9.58 0.64 0.00	8.39 0.55 0.00	8.19 0.51 0.00	10.03 0.59 0.00	5.01 0.31 0.00	1.65 0.10 0.00	6.81 0.39 0.00	11.03 0.65 0.00	14.53 0.82 0.00	9.03 0.54 0.00	7.48 0.48 0.33	2.97 0.17 0.00	7.72 0.45 0.00	3.30 0.22 0.00	6.66 0.40 0.00	4.87 0.29 0.00	18.35 1.03 0.00	18.64 0.94 0.00	23.21 1.03 0.00	25.31 1.07 0.00	19.14 0.87 0.00	8.09 0.40 0.00	4.64 0.27 0.00
CE_NYC2_DRP 24202	14.92 1.05 0.00	9.69 0.74 -0.01	8.48 0.64 0.00	8.27 0.59 0.00	10.14 0.69 0.00	5.06 0.36 0.00	1.67 0.12 0.00	6.88 0.47 0.00	11.15 0.77 0.00	14.70 0.99 0.00	9.16 0.66 0.00	7.58 0.59 0.33	3.02 0.21 0.00	7.83 0.56 0.00	3.35 0.27 0.00	6.76 0.49 -0.01	4.92 0.34 0.00	18.52 1.20 0.00	18.80 1.10 0.00	23.40 1.22 0.00	25.50 1.26 0.00	19.28 1.01 0.00	8.15 0.46 0.00	4.69 0.31 0.00
CE_NYC_DRP 24195	14.88 1.02 0.00	9.65 0.71 0.00	8.45 0.62 0.00	8.25 0.56 0.00	10.11 0.66 0.00	5.05 0.34 0.00	1.66 0.11 0.00	6.87 0.45 0.00	11.12 0.75 0.00	14.67 0.96 0.00	9.13 0.64 0.00	7.56 0.57 0.33	3.01 0.20 0.00	7.81 0.53 0.00	3.34 0.26 0.00	6.73 0.47 0.00	4.91 0.33 0.00	18.51 1.19 0.00	18.78 1.08 0.00	23.37 1.19 0.00	25.47 1.23 0.00	19.26 0.99 0.00	8.14 0.45 0.00	4.68 0.30 0.00
CHAFFEE___LFGE 323603	13.72 -0.14 0.00	8.69 -0.25 0.00	7.69 -0.14 0.00	7.63 -0.06 0.00	9.40 -0.05 0.00	4.70 0.00 0.00	1.55 0.00 0.00	6.37 -0.04 0.00	8.25 -0.16 1.97	8.19 -0.26 5.26	5.01 -0.10 3.39	2.00 -0.19 5.14	0.76 -0.09 1.96	3.97 -0.22 3.08	2.94 -0.14 0.00	6.09 -0.18 0.00	4.35 -0.23 0.00	16.42 -0.90 0.00	16.77 -0.93 0.00	21.20 -0.98 0.00	23.17 -1.07 0.00	17.28 -1.00 0.00	7.30 -0.39 0.00	4.25 -0.12 0.00
CHATEAUG_35_KV_LOAD 355732	13.18 -0.68 0.00	8.47 -0.47 0.00	7.39 -0.44 0.00	7.24 -0.44 0.00	8.91 -0.54 0.00	4.43 -0.27 0.00	1.46 -0.09 0.00	6.09 -0.33 0.00	9.86 -0.52 0.00	13.01 -0.70 0.00	8.06 -0.44 0.00	4.55 -0.32 2.45	2.70 -0.10 0.00	6.99 -0.28 0.00	2.98 -0.10 0.00	6.05 -0.21 0.00	4.41 -0.16 0.00	16.89 -0.43 0.00	17.48 -0.22 0.00	22.02 -0.16 0.00	24.08 -0.15 0.00	18.17 -0.10 0.00	7.60 -0.09 0.00	4.29 -0.08 0.00
CHATEAUG_WT_PWR 323614	13.20 -0.66 0.00	8.48 -0.46 0.00	7.40 -0.44 0.00	7.25 -0.43 0.00	8.92 -0.53 0.00	4.44 -0.26 0.00	1.46 -0.09 0.00	6.10 -0.32 0.00	9.88 -0.49 0.00	13.03 -0.68 0.00	8.07 -0.42 0.00	4.53 -0.30 2.49	2.70 -0.10 0.00	7.00 -0.27 0.00	2.98 -0.10 0.00	6.06 -0.20 0.00	4.42 -0.16 0.00	16.91 -0.41 0.00	17.47 -0.22 0.00	21.99 -0.19 0.00	24.04 -0.20 0.00	18.15 -0.12 0.00	7.59 -0.10 0.00	4.29 -0.08 0.00
CHAT_HIGH_FALL_HYD 323578	13.18 -0.68 0.00	8.47 -0.47 0.00	7.39 -0.44 0.00	7.24 -0.44 0.00	8.91 -0.54 0.00	4.43 -0.27 0.00	1.46 -0.09 0.00	6.09 -0.33 0.00	9.86 -0.52 0.00	13.01 -0.70 0.00	8.06 -0.44 0.00	4.55 -0.32 2.45	2.70 -0.10 0.00	6.99 -0.28 0.00	2.98 -0.10 0.00	6.05 -0.21 0.00	4.41 -0.16 0.00	16.89 -0.43 0.00	17.48 -0.22 0.00	22.02 -0.16 0.00	24.08 -0.15 0.00	18.17 -0.10 0.00	7.60 -0.09 0.00	4.29 -0.08 0.00
CHAUTAUQUA___LFGE 323629	13.65 -0.21 0.00	8.63 -0.30 0.00	7.66 -0.17 0.00	7.62 -0.06 0.00	9.41 -0.04 0.00	4.71 0.01 0.00	1.55 0.00 0.00	6.41 -0.01 0.00	8.40 -0.10 1.88	8.46 -0.22 5.03	5.13 -0.13 3.24	2.16 -0.23 4.93	0.83 -0.10 1.87	4.01 -0.32 2.94	2.88 -0.20 0.00	5.98 -0.29 0.00	4.28 -0.29 0.00	16.16 -1.16 0.00	16.44 -1.26 0.00	20.82 -1.36 0.00	23.01 -1.22 0.00	17.20 -1.07 0.00	7.27 -0.42 0.00	4.24 -0.14 0.00
CHERRYST_13_KV_LD 356241	14.92 1.05 0.00	9.67 0.73 0.00	8.47 0.64 0.00	8.26 0.58 0.00	10.13 0.68 0.00	5.06 0.36 0.00	1.67 0.12 0.00	6.88 0.47 0.00	11.15 0.77 0.00	14.71 1.00 0.00	9.16 0.66 0.00	7.58 0.59 0.33	3.01 0.21 0.00	7.83 0.55 0.00	3.35 0.27 0.00	6.75 0.48 0.00	4.93 0.35 0.00	18.55 1.23 0.00	18.83 1.13 0.00	23.43 1.24 0.00	25.53 1.29 0.00	19.31 1.04 0.00	8.16 0.46 0.00	4.69 0.31 0.00

CHESTROR_138KV_BK263 355645	14.58 0.71 0.00	9.45 0.51 0.00	8.27 0.44 0.00	8.08 0.40 0.00	9.91 0.46 0.00	4.95 0.25 0.00	1.63 0.08 0.00	6.73 0.31 0.00	10.88 0.50 0.00	14.33 0.61 0.00	8.90 0.41 0.00	7.37 0.36 0.32	2.93 0.13 0.00	7.61 0.34 0.00	3.25 0.17 0.00	6.57 0.30 0.00	4.80 0.22 0.00	18.11 0.79 0.00	18.42 0.72 0.00	22.97 0.78 0.00	25.05 0.81 0.00	18.94 0.67 0.00	7.99 0.30 0.00	4.60 0.22 0.00
CH_MIDHUDSON___DRP 24192	14.74 0.88 0.00	9.56 0.62 0.00	8.38 0.54 0.00	8.18 0.50 0.00	10.04 0.60 0.00	5.01 0.31 0.00	1.65 0.10 0.00	6.82 0.40 0.00	11.04 0.66 0.00	14.54 0.83 0.00	9.03 0.53 0.00	7.46 0.47 0.33	2.97 0.16 0.00	7.70 0.43 0.00	3.29 0.21 0.00	6.64 0.37 0.00	4.86 0.28 0.00	18.32 1.01 0.00	18.64 0.94 0.00	23.25 1.07 0.00	25.37 1.13 0.00	19.18 0.91 0.00	8.11 0.41 0.00	4.65 0.27 0.00
CH_MISC_IPPS 23765	14.79 0.93 0.00	9.59 0.65 0.00	8.40 0.56 0.00	8.20 0.52 0.00	10.07 0.62 0.00	5.03 0.32 0.00	1.66 0.11 0.00	6.83 0.42 0.00	11.06 0.69 0.00	14.58 0.87 0.00	9.06 0.56 0.00	7.49 0.49 0.33	2.98 0.17 0.00	7.73 0.46 0.00	3.30 0.22 0.00	6.67 0.41 0.00	4.88 0.30 0.00	18.41 1.09 0.00	18.73 1.03 0.00	23.36 1.18 0.00	25.48 1.24 0.00	19.26 0.99 0.00	8.13 0.44 0.00	4.67 0.29 0.00
CH_RES_BVR_FALLS 23983	13.69 -0.17 0.00	8.82 -0.12 0.00	7.73 -0.11 0.00	7.57 -0.11 0.00	9.32 -0.13 0.00	4.63 -0.07 0.00	1.53 -0.02 0.00	6.34 -0.08 0.00	10.25 -0.13 0.00	13.50 -0.21 0.00	8.36 -0.13 0.00	5.67 -0.13 1.52	2.75 -0.05 0.00	7.13 -0.14 0.00	3.02 -0.06 0.00	6.14 -0.13 0.00	4.50 -0.08 0.00	17.06 -0.26 0.00	17.49 -0.21 0.00	21.98 -0.20 0.00	24.09 -0.15 0.00	18.12 -0.15 0.00	7.63 -0.06 0.00	4.35 -0.03 0.00
CH_RES_NIAGARA 23895	13.40 -0.47 0.00	8.48 -0.46 0.00	7.51 -0.32 0.00	7.45 -0.23 0.00	9.18 -0.27 0.00	4.58 -0.12 0.00	1.51 -0.04 0.00	6.22 -0.20 0.00	8.01 -0.43 1.94	7.95 -0.57 5.19	4.88 -0.27 3.34	1.92 -0.32 5.08	0.74 -0.14 1.93	3.88 -0.36 3.03	2.89 -0.19 0.00	5.96 -0.31 0.00	4.24 -0.34 0.00	16.00 -1.31 0.00	16.38 -1.32 0.00	20.66 -1.52 0.00	22.51 -1.72 0.00	16.61 -1.66 0.00	7.02 -0.67 0.00	4.11 -0.27 0.00
CH_RES_SYRACUSE 23985	13.89 0.03 0.00	8.94 0.00 0.00	7.85 0.01 0.00	7.70 0.02 0.00	9.48 0.03 0.00	4.72 0.02 0.00	1.56 0.01 0.00	6.42 0.00 0.00	10.36 -0.02 0.00	13.69 -0.02 0.00	8.48 -0.01 0.00	6.84 -0.05 0.43	2.78 -0.03 0.00	7.20 -0.07 0.00	3.05 -0.02 0.00	6.23 -0.04 0.00	4.54 -0.04 0.00	17.15 -0.17 0.00	17.47 -0.23 0.00	21.91 -0.27 0.00	23.95 -0.28 0.00	18.06 -0.21 0.00	7.62 -0.07 0.00	4.36 -0.02 0.00
CLINTON_WT_PWR 323605	13.20 -0.66 0.00	8.48 -0.46 0.00	7.40 -0.44 0.00	7.25 -0.43 0.00	8.92 -0.53 0.00	4.44 -0.26 0.00	1.46 -0.09 0.00	6.10 -0.32 0.00	9.88 -0.49 0.00	13.03 -0.68 0.00	8.07 -0.42 0.00	4.53 -0.30 2.49	2.70 -0.10 0.00	7.00 -0.27 0.00	2.98 -0.10 0.00	6.06 -0.20 0.00	4.42 -0.16 0.00	16.91 -0.41 0.00	17.47 -0.22 0.00	21.99 -0.19 0.00	24.04 -0.20 0.00	18.15 -0.12 0.00	7.59 -0.10 0.00	4.29 -0.08 0.00
CLINTON___LFGE 323618	13.33 -0.54 0.00	8.57 -0.37 0.00	7.47 -0.37 0.00	7.31 -0.37 0.00	9.00 -0.45 0.00	4.48 -0.22 0.00	1.47 -0.08 0.00	6.15 -0.26 0.00	9.96 -0.42 0.00	13.13 -0.58 0.00	8.13 -0.36 0.00	4.61 -0.24 2.48	2.73 -0.08 0.00	7.05 -0.22 0.00	3.01 -0.07 0.00	6.14 -0.12 0.00	4.46 -0.12 0.00	17.06 -0.25 0.00	17.66 -0.03 0.00	22.28 0.10 0.00	24.34 0.11 0.00	18.37 0.10 0.00	7.68 -0.01 0.00	4.34 -0.04 0.00
COBBLENY_34_KV_TB1 80064	13.72 -0.14 0.00	8.69 -0.25 0.00	7.70 -0.14 0.00	7.63 -0.06 0.00	9.40 -0.05 0.00	4.70 0.00 0.00	1.55 0.00 0.00	6.37 -0.04 0.00	8.25 -0.16 1.97	8.19 -0.26 5.26	5.01 -0.10 3.39	2.01 -0.18 5.14	0.76 -0.09 1.96	3.97 -0.22 3.08	2.94 -0.14 0.00	6.09 -0.18 0.00	4.35 -0.23 0.00	16.43 -0.89 0.00	16.77 -0.93 0.00	21.19 -0.98 0.00	23.17 -1.06 0.00	17.28 -1.00 0.00	7.30 -0.39 0.00	4.25 -0.12 0.00
COFFEEN___115KV_TB3 355620	13.80 -0.07 0.00	8.83 -0.11 0.00	7.76 -0.07 0.00	7.63 -0.05 0.00	9.42 -0.03 0.00	4.68 -0.03 0.00	1.54 -0.01 0.00	6.37 -0.05 0.00	10.36 -0.02 0.00	13.39 -0.32 0.00	8.17 -0.32 0.00	6.09 -0.37 0.86	2.65 -0.16 0.00	6.79 -0.48 0.00	2.89 -0.19 0.00	5.78 -0.48 0.00	4.27 -0.31 0.00	16.43 -0.89 0.00	17.12 -0.58 0.00	22.06 -0.12 0.00	24.56 0.32 0.00	18.37 0.10 0.00	7.74 0.05 0.00	4.46 0.08 0.00
COLDSPRG_115KV_BK1 355956	13.95 0.08 0.00	8.84 -0.10 0.00	7.85 0.01 0.00	7.80 0.12 0.00	9.62 0.17 0.00	4.82 0.11 0.00	1.59 0.04 0.00	6.57 0.15 0.00	9.60 0.17 0.95	11.28 0.12 2.55	6.94 0.08 1.64	4.63 -0.05 2.65	1.82 -0.04 0.95	5.62 -0.16 1.49	2.95 -0.13 0.00	6.10 -0.16 0.00	4.38 -0.20 0.00	16.52 -0.80 0.00	16.81 -0.89 0.00	21.28 -0.90 0.00	23.49 -0.74 0.00	17.58 -0.69 0.00	7.43 -0.27 0.00	4.33 -0.04 0.00
COLONIE_LFGE___ 323577	14.43 0.56 0.00	9.37 0.43 0.00	8.20 0.37 0.00	8.03 0.35 0.00	9.88 0.42 0.00	4.92 0.22 0.00	1.62 0.07 0.00	6.69 0.27 0.00	10.82 0.44 0.00	14.22 0.50 0.00	8.75 0.25 0.00	7.18 0.22 0.36	2.88 0.07 0.00	7.44 0.17 0.00	3.16 0.08 0.00	6.39 0.12 0.00	4.68 0.10 0.00	17.71 0.39 0.00	18.10 0.40 0.00	22.70 0.52 0.00	24.78 0.54 0.00	18.72 0.45 0.00	7.93 0.24 0.00	4.54 0.17 0.00
COOPERNY_115KV_TB1 80082	14.39 0.52 0.00	9.32 0.37 0.00	8.16 0.32 0.00	7.98 0.30 0.00	9.80 0.35 0.00	4.88 0.18 0.00	1.61 0.06 0.00	6.65 0.23 0.00	10.75 0.37 0.00	14.16 0.45 0.00	8.79 0.30 0.00	7.29 0.26 0.30	2.89 0.09 0.00	7.51 0.24 0.00	3.20 0.12 0.00	6.48 0.21 0.00	4.74 0.16 0.00	17.86 0.54 0.00	18.18 0.49 0.00	22.70 0.52 0.00	24.78 0.55 0.00	18.73 0.45 0.00	7.90 0.20 0.00	4.54 0.16 0.00
COPENHAGEN_WT_PWR 323753	13.63 -0.24 0.00	8.72 -0.22 0.00	7.67 -0.16 0.00	7.54 -0.14 0.00	9.31 -0.13 0.00	4.62 -0.08 0.00	1.53 -0.02 0.00	6.30 -0.12 0.00	10.24 -0.14 0.00	13.26 -0.45 0.00	8.10 -0.39 0.00	6.04 -0.45 0.83	2.61 -0.19 0.00	6.72 -0.55 0.00	2.86 -0.22 0.00	5.72 -0.54 0.00	4.23 -0.35 0.00	16.25 -1.07 0.00	16.91 -0.78 0.00	21.81 -0.37 0.00	24.22 -0.02 0.00	18.10 -0.17 0.00	7.65 -0.04 0.00	4.42 0.05 0.00
CORNELL_____ 23752	14.09 0.23 0.00	9.06 0.11 0.00	7.95 0.12 0.00	7.81 0.13 0.00	9.62 0.17 0.00	4.80 0.10 0.00	1.58 0.03 0.00	6.51 0.09 0.00	11.34 0.10 -0.86	16.12 0.11 -2.30	10.07 0.10 -1.48	9.02 0.03 -1.67	3.65 0.00 -0.85	8.60 -0.02 -1.34	3.07 -0.01 0.00	6.30 0.04 0.00	4.60 0.02 0.00	17.39 0.07 0.00	17.76 0.07 0.00	22.30 0.12 0.00	24.44 0.20 0.00	18.41 0.15 0.00	7.76 0.07 0.00	4.45 0.07 0.00

CORONA__69_KV_TB1 355595	14.99 1.13 0.00	9.77 0.83 0.00	8.55 0.72 0.00	8.33 0.65 0.00	10.19 0.75 0.00	5.11 0.40 0.00	1.68 0.13 0.00	6.92 0.51 0.00	60.79 0.82 -49.59	81.19 1.05 -66.43	127.93 0.74 -118.69	102.99 0.68 -94.98	143.97 0.24 -140.93	149.94 0.64 -142.03	155.82 0.31 -152.43	169.78 0.55 -162.97	151.01 0.40 -146.03	148.73 1.39 -130.03	965.95 1.37 -946.89	195.31 1.44 -171.68	234.33 1.61 -208.49	106.76 1.22 -87.27	184.61 0.58 -176.34	101.81 0.38 -97.05
CORTLAND__115KV_TB3 80093	14.05 0.19 0.00	9.04 0.10 0.00	7.94 0.10 0.00	7.79 0.11 0.00	9.59 0.14 0.00	4.78 0.08 0.00	1.58 0.03 0.00	6.50 0.08 0.00	10.49 0.11 0.00	13.82 0.11 0.00	8.58 0.09 0.00	6.90 0.02 0.44	2.80 0.00 0.00	7.26 -0.02 0.00	3.07 -0.01 0.00	6.28 0.02 0.00	4.59 0.01 0.00	17.31 0.00 0.00	17.67 -0.03 0.00	22.16 -0.02 0.00	24.27 0.03 0.00	18.30 0.02 0.00	7.72 0.02 0.00	4.43 0.05 0.00
COXSACKIE__GT 23611	14.72 0.85 0.00	9.54 0.60 0.00	8.35 0.51 0.00	8.19 0.51 0.00	10.08 0.63 0.00	5.02 0.31 0.00	1.65 0.10 0.00	6.82 0.40 0.00	11.03 0.65 0.00	14.50 0.79 0.00	8.95 0.46 0.00	7.29 0.32 0.35	2.90 0.10 0.00	7.50 0.23 0.00	3.19 0.11 0.00	6.47 0.21 0.00	4.76 0.18 0.00	17.99 0.67 0.00	18.37 0.67 0.00	23.09 0.91 0.00	25.38 1.15 0.00	19.18 0.91 0.00	8.12 0.43 0.00	4.64 0.26 0.00
CPV_VALLEY__CC1 323721	14.47 0.61 0.00	9.39 0.45 0.00	8.22 0.38 0.00	8.03 0.35 0.00	9.85 0.41 0.00	4.92 0.22 0.00	1.62 0.07 0.00	6.69 0.27 0.00	10.82 0.43 0.00	14.25 0.53 0.00	8.85 0.35 0.00	7.32 0.32 0.31	2.91 0.11 0.00	7.57 0.29 0.00	3.23 0.15 0.00	6.52 0.26 0.00	4.77 0.19 0.00	17.97 0.65 0.00	18.28 0.58 0.00	22.79 0.61 0.00	24.86 0.62 0.00	18.80 0.53 0.00	7.93 0.24 0.00	4.57 0.19 0.00
CPV_VALLEY__CC2 323722	14.47 0.61 0.00	9.39 0.45 0.00	8.22 0.38 0.00	8.03 0.35 0.00	9.85 0.41 0.00	4.92 0.22 0.00	1.62 0.07 0.00	6.69 0.27 0.00	10.82 0.43 0.00	14.25 0.53 0.00	8.85 0.35 0.00	7.32 0.32 0.31	2.91 0.11 0.00	7.57 0.29 0.00	3.23 0.15 0.00	6.52 0.26 0.00	4.77 0.19 0.00	17.97 0.65 0.00	18.28 0.58 0.00	22.79 0.61 0.00	24.86 0.62 0.00	18.80 0.53 0.00	7.93 0.24 0.00	4.57 0.19 0.00
CRESCENT__HYD 24018	14.43 0.56 0.00	9.37 0.43 0.00	8.20 0.37 0.00	8.03 0.35 0.00	9.88 0.42 0.00	4.92 0.22 0.00	1.62 0.07 0.00	6.69 0.27 0.00	10.82 0.44 0.00	14.22 0.50 0.00	8.75 0.25 0.00	7.18 0.22 0.36	2.88 0.07 0.00	7.44 0.17 0.00	3.16 0.08 0.00	6.39 0.12 0.00	4.68 0.10 0.00	17.71 0.39 0.00	18.10 0.40 0.00	22.70 0.52 0.00	24.78 0.54 0.00	18.72 0.45 0.00	7.93 0.24 0.00	4.54 0.17 0.00
CRICKET__VALLEY_CC1 323756	14.63 0.76 0.00	9.51 0.57 0.00	8.33 0.49 0.00	8.14 0.46 0.00	9.99 0.54 0.00	4.99 0.28 0.00	1.64 0.09 0.00	6.78 0.36 0.00	10.97 0.59 0.00	14.43 0.72 0.00	8.95 0.45 0.00	7.39 0.41 0.34	2.95 0.14 0.00	7.63 0.36 0.00	3.25 0.17 0.00	6.56 0.30 0.00	4.80 0.22 0.00	18.14 0.82 0.00	18.47 0.77 0.00	23.05 0.87 0.00	25.13 0.90 0.00	19.04 0.77 0.00	8.06 0.36 0.00	4.62 0.24 0.00
CRICKET__VALLEY_CC2 323757	14.63 0.76 0.00	9.51 0.57 0.00	8.33 0.49 0.00	8.14 0.46 0.00	9.99 0.54 0.00	4.99 0.28 0.00	1.64 0.09 0.00	6.78 0.36 0.00	10.97 0.59 0.00	14.43 0.72 0.00	8.95 0.45 0.00	7.39 0.41 0.34	2.95 0.14 0.00	7.63 0.36 0.00	3.25 0.17 0.00	6.56 0.30 0.00	4.80 0.22 0.00	18.14 0.82 0.00	18.47 0.77 0.00	23.05 0.87 0.00	25.13 0.90 0.00	19.04 0.77 0.00	8.06 0.36 0.00	4.62 0.24 0.00
CRICKET__VALLEY_CC3 323758	14.63 0.76 0.00	9.51 0.57 0.00	8.33 0.49 0.00	8.14 0.46 0.00	9.99 0.54 0.00	4.99 0.28 0.00	1.64 0.09 0.00	6.78 0.36 0.00	10.97 0.59 0.00	14.43 0.72 0.00	8.95 0.45 0.00	7.39 0.41 0.34	2.95 0.14 0.00	7.63 0.36 0.00	3.25 0.17 0.00	6.56 0.30 0.00	4.80 0.22 0.00	18.14 0.82 0.00	18.47 0.77 0.00	23.05 0.87 0.00	25.13 0.90 0.00	19.04 0.77 0.00	8.06 0.36 0.00	4.62 0.24 0.00
CRUCIBLE_METL_DRP 24180	13.89 0.03 0.00	8.94 0.00 0.00	7.85 0.01 0.00	7.70 0.02 0.00	9.48 0.03 0.00	4.72 0.02 0.00	1.56 0.01 0.00	6.42 0.00 0.00	10.36 -0.02 0.00	13.69 -0.02 0.00	8.48 -0.01 0.00	6.85 -0.05 0.43	2.78 -0.03 0.00	7.20 -0.07 0.00	3.05 -0.02 0.00	6.23 -0.04 0.00	4.54 -0.04 0.00	17.15 -0.17 0.00	17.47 -0.22 0.00	21.91 -0.27 0.00	23.95 -0.28 0.00	18.06 -0.21 0.00	7.62 -0.07 0.00	4.36 -0.02 0.00
DAHOWA__HYDRO 323763	14.62 0.76 0.00	9.49 0.55 0.00	8.31 0.48 0.00	8.15 0.47 0.00	10.02 0.57 0.00	4.99 0.28 0.00	1.64 0.09 0.00	6.79 0.37 0.00	11.00 0.62 0.00	14.45 0.74 0.00	8.85 0.35 0.00	7.23 0.27 0.37	2.89 0.09 0.00	7.49 0.22 0.00	3.18 0.10 0.00	6.42 0.16 0.00	4.72 0.14 0.00	17.92 0.60 0.00	18.37 0.67 0.00	23.10 0.92 0.00	25.27 1.03 0.00	19.10 0.83 0.00	8.08 0.39 0.00	4.62 0.25 0.00
DANC__LFGE 323619	13.69 -0.18 0.00	8.78 -0.16 0.00	7.72 -0.12 0.00	7.58 -0.10 0.00	9.35 -0.10 0.00	4.64 -0.06 0.00	1.53 -0.02 0.00	6.31 -0.10 0.00	10.25 -0.12 0.00	13.37 -0.34 0.00	8.22 -0.28 0.00	6.32 -0.32 0.69	2.67 -0.14 0.00	6.88 -0.39 0.00	2.92 -0.16 0.00	5.89 -0.38 0.00	4.33 -0.25 0.00	16.50 -0.82 0.00	17.04 -0.65 0.00	21.75 -0.43 0.00	24.03 -0.21 0.00	18.04 -0.23 0.00	7.61 -0.08 0.00	4.38 0.01 0.00
DANSKAMMER__1 23586	14.79 0.93 0.00	9.59 0.65 0.00	8.40 0.56 0.00	8.20 0.52 0.00	10.07 0.62 0.00	5.03 0.32 0.00	1.66 0.11 0.00	6.83 0.42 0.00	11.06 0.69 0.00	14.58 0.87 0.00	9.06 0.56 0.00	7.49 0.49 0.33	2.98 0.17 0.00	7.73 0.46 0.00	3.30 0.22 0.00	6.67 0.41 0.00	4.88 0.30 0.00	18.41 1.09 0.00	18.73 1.03 0.00	23.36 1.18 0.00	25.48 1.24 0.00	19.26 0.99 0.00	8.13 0.44 0.00	4.67 0.29 0.00
DANSKAMMER__2 23589	14.79 0.93 0.00	9.59 0.65 0.00	8.40 0.56 0.00	8.20 0.52 0.00	10.07 0.62 0.00	5.03 0.32 0.00	1.66 0.11 0.00	6.83 0.42 0.00	11.06 0.69 0.00	14.58 0.87 0.00	9.06 0.56 0.00	7.49 0.49 0.33	2.98 0.17 0.00	7.73 0.46 0.00	3.30 0.22 0.00	6.67 0.41 0.00	4.88 0.30 0.00	18.41 1.09 0.00	18.73 1.03 0.00	23.36 1.18 0.00	25.48 1.24 0.00	19.26 0.99 0.00	8.13 0.44 0.00	4.67 0.29 0.00
DANSKAMMER__3 23590	14.79 0.93 0.00	9.59 0.65 0.00	8.40 0.56 0.00	8.20 0.52 0.00	10.07 0.62 0.00	5.03 0.32 0.00	1.66 0.11 0.00	6.83 0.42 0.00	11.06 0.69 0.00	14.58 0.87 0.00	9.06 0.56 0.00	7.49 0.49 0.33	2.98 0.17 0.00	7.73 0.46 0.00	3.30 0.22 0.00	6.67 0.41 0.00	4.88 0.30 0.00	18.41 1.09 0.00	18.73 1.03 0.00	23.36 1.18 0.00	25.48 1.24 0.00	19.26 0.99 0.00	8.13 0.44 0.00	4.67 0.29 0.00

DANSKAMMER___4 23591	14.79 0.93 0.00	9.59 0.65 0.00	8.40 0.56 0.00	8.20 0.52 0.00	10.07 0.62 0.00	5.03 0.32 0.00	1.66 0.11 0.00	6.83 0.42 0.00	11.06 0.69 0.00	14.58 0.87 0.00	9.06 0.56 0.00	7.49 0.49 0.33	2.98 0.17 0.00	7.73 0.46 0.00	3.30 0.22 0.00	6.67 0.41 0.00	4.88 0.30 0.00	18.41 1.09 0.00	18.73 1.03 0.00	23.36 1.18 0.00	25.48 1.24 0.00	19.26 0.99 0.00	8.13 0.44 0.00	4.67 0.29 0.00
DANSKAMMER___DIESEL 23592	14.79 0.93 0.00	9.59 0.65 0.00	8.40 0.56 0.00	8.20 0.52 0.00	10.07 0.62 0.00	5.03 0.32 0.00	1.66 0.11 0.00	6.83 0.42 0.00	11.06 0.69 0.00	14.58 0.87 0.00	9.06 0.56 0.00	7.49 0.49 0.33	2.98 0.17 0.00	7.73 0.46 0.00	3.30 0.22 0.00	6.67 0.41 0.00	4.88 0.30 0.00	18.41 1.09 0.00	18.73 1.03 0.00	23.36 1.18 0.00	25.48 1.24 0.00	19.26 0.99 0.00	8.13 0.44 0.00	4.67 0.29 0.00
DARBY___SOLAR 323810	14.59 0.73 0.00	9.47 0.53 0.00	8.30 0.46 0.00	8.13 0.45 0.00	10.00 0.55 0.00	4.98 0.28 0.00	1.64 0.09 0.00	6.77 0.35 0.00	10.97 0.59 0.00	14.40 0.69 0.00	8.83 0.33 0.00	7.21 0.26 0.36	2.89 0.08 0.00	7.48 0.21 0.00	3.17 0.09 0.00	6.42 0.15 0.00	4.71 0.13 0.00	17.88 0.57 0.00	18.33 0.63 0.00	23.03 0.85 0.00	25.18 0.94 0.00	19.04 0.77 0.00	8.06 0.36 0.00	4.61 0.23 0.00
DASHVILLE___HYD 23610	14.78 0.92 0.00	9.58 0.64 0.00	8.39 0.55 0.00	8.20 0.52 0.00	10.05 0.61 0.00	5.02 0.32 0.00	1.65 0.10 0.00	6.83 0.41 0.00	11.06 0.68 0.00	14.57 0.86 0.00	9.07 0.57 0.00	7.50 0.51 0.33	2.98 0.18 0.00	7.75 0.48 0.00	3.31 0.23 0.00	6.69 0.43 0.00	4.89 0.31 0.00	18.44 1.13 0.00	18.74 1.05 0.00	23.36 1.18 0.00	25.47 1.23 0.00	19.26 0.98 0.00	8.12 0.43 0.00	4.67 0.29 0.00
DELAWARE___LFGE 323621	14.28 0.42 0.00	9.22 0.28 0.00	8.08 0.25 0.00	7.92 0.24 0.00	9.76 0.31 0.00	4.86 0.16 0.00	1.60 0.05 0.00	6.62 0.20 0.00	10.70 0.32 0.00	14.10 0.38 0.00	8.76 0.26 0.00	7.13 0.21 0.41	2.87 0.06 0.00	7.45 0.17 0.00	3.16 0.08 0.00	6.42 0.15 0.00	4.69 0.11 0.00	17.69 0.38 0.00	18.04 0.35 0.00	22.60 0.42 0.00	24.73 0.50 0.00	18.65 0.38 0.00	7.87 0.18 0.00	4.51 0.14 0.00
DERFIELD_115KV_TB7 355931	14.02 0.16 0.00	9.06 0.12 0.00	7.94 0.11 0.00	7.78 0.11 0.00	9.58 0.13 0.00	4.77 0.06 0.00	1.57 0.02 0.00	6.48 0.06 0.00	10.49 0.10 0.00	13.81 0.09 0.00	8.55 0.05 0.00	6.69 0.02 0.65	2.80 0.00 0.00	7.26 -0.02 0.00	3.08 0.00 0.00	6.25 -0.02 0.00	4.57 -0.01 0.00	17.25 -0.07 0.00	17.60 -0.10 0.00	22.07 -0.11 0.00	24.14 -0.10 0.00	18.22 -0.05 0.00	7.71 0.01 0.00	4.42 0.04 0.00
DOGLEVILLE___HYD 23807	14.14 0.28 0.00	9.17 0.23 0.00	8.05 0.21 0.00	7.85 0.17 0.00	9.66 0.21 0.00	4.81 0.11 0.00	1.58 0.03 0.00	6.48 0.06 0.00	10.50 0.12 0.00	13.73 0.02 0.00	8.48 -0.01 0.00	6.54 -0.13 0.65	2.73 -0.07 0.00	7.11 -0.17 0.00	3.01 -0.06 0.00	6.18 -0.08 0.00	4.52 -0.06 0.00	17.02 -0.30 0.00	17.44 -0.25 0.00	22.07 -0.11 0.00	24.29 0.05 0.00	18.48 0.21 0.00	7.81 0.11 0.00	4.47 0.09 0.00
DUNKIRK__115KV_TB_200 55889	13.66 -0.21 0.00	8.64 -0.30 0.00	7.66 -0.17 0.00	7.62 -0.06 0.00	9.40 -0.05 0.00	4.70 0.00 0.00	1.55 0.00 0.00	6.40 -0.02 0.00	8.36 -0.11 1.91	8.36 -0.22 5.12	5.07 -0.12 3.30	2.09 -0.22 5.01	0.80 -0.10 1.90	3.97 -0.31 3.00	2.89 -0.19 0.00	5.99 -0.28 0.00	4.30 -0.28 0.00	16.19 -1.13 0.00	16.48 -1.22 0.00	20.85 -1.33 0.00	23.02 -1.22 0.00	17.20 -1.07 0.00	7.27 -0.42 0.00	4.24 -0.13 0.00
DUNKIRK___1 23563	13.66 -0.21 0.00	8.64 -0.30 0.00	7.66 -0.17 0.00	7.62 -0.06 0.00	9.40 -0.05 0.00	4.70 0.00 0.00	1.55 0.00 0.00	6.40 -0.02 0.00	8.36 -0.11 1.91	8.36 -0.22 5.12	5.07 -0.12 3.30	2.09 -0.22 5.01	0.80 -0.10 1.90	3.97 -0.31 3.00	2.89 -0.19 0.00	5.99 -0.28 0.00	4.30 -0.28 0.00	16.19 -1.13 0.00	16.48 -1.22 0.00	20.85 -1.33 0.00	23.02 -1.22 0.00	17.20 -1.07 0.00	7.27 -0.42 0.00	4.24 -0.13 0.00
DUNKIRK___2 23564	13.66 -0.21 0.00	8.64 -0.30 0.00	7.66 -0.17 0.00	7.62 -0.06 0.00	9.40 -0.05 0.00	4.70 0.00 0.00	1.55 0.00 0.00	6.40 -0.02 0.00	8.36 -0.11 1.91	8.36 -0.22 5.12	5.07 -0.12 3.30	2.09 -0.22 5.01	0.80 -0.10 1.90	3.97 -0.31 3.00	2.89 -0.19 0.00	5.99 -0.28 0.00	4.30 -0.28 0.00	16.19 -1.13 0.00	16.48 -1.22 0.00	20.85 -1.33 0.00	23.02 -1.22 0.00	17.20 -1.07 0.00	7.27 -0.42 0.00	4.24 -0.13 0.00
DUNKIRK___3 23565	13.64 -0.22 0.00	8.64 -0.30 0.00	7.66 -0.18 0.00	7.60 -0.08 0.00	9.38 -0.07 0.00	4.69 -0.01 0.00	1.55 0.00 0.00	6.38 -0.04 0.00	8.25 -0.14 1.99	8.12 -0.26 5.33	4.94 -0.12 3.43	1.90 -0.21 5.21	0.72 -0.10 1.98	3.86 -0.29 3.12	2.90 -0.17 0.00	6.01 -0.25 0.00	4.31 -0.27 0.00	16.24 -1.08 0.00	16.53 -1.16 0.00	20.90 -1.28 0.00	23.00 -1.24 0.00	17.18 -1.09 0.00	7.26 -0.43 0.00	4.24 -0.14 0.00
DUNKIRK___4 23566	13.64 -0.22 0.00	8.64 -0.30 0.00	7.66 -0.18 0.00	7.60 -0.08 0.00	9.38 -0.07 0.00	4.69 -0.01 0.00	1.55 0.00 0.00	6.38 -0.04 0.00	8.25 -0.14 1.99	8.12 -0.26 5.33	4.94 -0.12 3.43	1.90 -0.21 5.21	0.72 -0.10 1.98	3.86 -0.29 3.12	2.90 -0.17 0.00	6.01 -0.25 0.00	4.31 -0.27 0.00	16.24 -1.08 0.00	16.53 -1.16 0.00	20.90 -1.28 0.00	23.00 -1.24 0.00	17.18 -1.09 0.00	7.26 -0.43 0.00	4.24 -0.14 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	14.82 0.96 0.00	9.62 0.68 0.00	8.42 0.59 0.00	8.21 0.54 0.00	10.07 0.62 0.00	5.03 0.32 0.00	1.66 0.11 0.00	6.83 0.42 0.00	11.07 0.69 0.00	14.58 0.87 0.00	9.07 0.58 0.00	7.51 0.52 0.33	2.99 0.18 0.00	7.75 0.48 0.00	3.32 0.24 0.00	6.69 0.43 0.00	4.89 0.31 0.00	18.42 1.10 0.00	18.70 1.00 0.00	23.29 1.11 0.00	25.38 1.14 0.00	19.20 0.93 0.00	8.11 0.42 0.00	4.66 0.28 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	14.68 0.82 0.00	9.52 0.58 0.00	8.33 0.50 0.00	8.14 0.46 0.00	9.99 0.54 0.00	4.98 0.28 0.00	1.64 0.09 0.00	6.78 0.36 0.00	10.96 0.58 0.00	14.45 0.74 0.00	8.98 0.48 0.00	7.43 0.43 0.32	2.95 0.15 0.00	7.67 0.40 0.00	3.28 0.20 0.00	6.62 0.36 0.00	4.84 0.26 0.00	18.26 0.94 0.00	18.57 0.87 0.00	23.16 0.98 0.00	25.26 1.02 0.00	19.09 0.82 0.00	8.06 0.37 0.00	4.63 0.26 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	14.83 0.96 0.00	9.60 0.66 0.00	8.39 0.55 0.00	8.19 0.51 0.00	10.08 0.63 0.00	5.04 0.33 0.00	1.67 0.11 -0.01	6.87 0.44 -0.01	11.13 0.75 -0.01	14.70 0.98 -0.01	9.15 0.66 -0.01	7.58 0.58 0.33	3.02 0.21 -0.01	7.83 0.55 0.00	3.33 0.25 -0.01	6.71 0.44 0.00	4.90 0.32 0.00	18.45 1.14 0.00	18.76 1.06 0.00	23.38 1.20 0.00	25.48 1.24 0.00	19.27 1.00 0.00	8.14 0.45 0.00	4.68 0.30 0.00

E179THST_13_KV_LOAD 356214	14.88 1.02 0.00	9.63 0.69 0.00	8.41 0.58 0.00	8.21 0.53 0.00	10.11 0.66 0.00	5.05 0.34 0.00	1.67 0.11 -0.01	6.89 0.46 -0.01	11.17 0.78 -0.01	14.76 1.04 -0.01	9.19 0.69 -0.01	7.61 0.61 0.33	3.03 0.22 -0.01	7.86 0.58 0.00	3.35 0.27 -0.01	6.74 0.46 0.00	4.92 0.34 0.00	18.52 1.21 0.00	18.83 1.13 0.00	23.47 1.30 0.00	25.58 1.35 0.00	19.35 1.08 0.00	8.17 0.48 0.00	4.69 0.32 0.00
EAST HAMPTON___GT 23717	14.72 0.86 0.00	9.61 0.67 0.00	8.46 0.62 0.00	8.23 0.55 0.00	10.07 0.62 0.00	5.06 0.36 0.00	1.66 0.11 0.00	6.82 0.40 0.00	6.91 0.67 4.14	10.24 0.89 4.37	9.51 0.68 -0.33	8.31 0.62 -0.37	-8.62 0.25 11.68	-2.99 0.56 10.82	-0.15 0.27 3.50	15.42 0.46 -8.69	13.95 0.37 -9.00	22.48 1.13 -4.02	53.60 1.18 -34.72	26.03 1.22 -2.63	36.55 1.34 -10.96	23.72 1.08 -4.37	20.92 0.58 -12.65	7.41 0.33 -2.71
EAST RIVER___6 23660	14.88 1.02 0.00	9.65 0.71 0.00	8.45 0.62 0.00	8.25 0.56 0.00	10.11 0.66 0.00	5.04 0.34 0.00	1.66 0.11 0.00	6.86 0.45 0.00	11.12 0.74 0.00	14.66 0.95 0.00	9.12 0.63 0.00	7.55 0.56 0.33	3.00 0.20 0.00	7.80 0.52 0.00	3.34 0.26 0.00	6.73 0.47 0.00	4.91 0.34 0.00	18.51 1.19 0.00	18.78 1.09 0.00	23.38 1.20 0.00	25.47 1.23 0.00	19.27 1.00 0.00	8.14 0.45 0.00	4.68 0.30 0.00
EAST RIVER___7 23524	14.88 1.02 0.00	9.65 0.71 0.00	8.45 0.62 0.00	8.25 0.56 0.00	10.11 0.66 0.00	5.04 0.34 0.00	1.66 0.11 0.00	6.86 0.45 0.00	11.12 0.74 0.00	14.66 0.95 0.00	9.12 0.63 0.00	7.55 0.56 0.33	3.00 0.20 0.00	7.80 0.52 0.00	3.34 0.26 0.00	6.73 0.47 0.00	4.91 0.34 0.00	18.51 1.19 0.00	18.78 1.09 0.00	23.38 1.20 0.00	25.47 1.23 0.00	19.27 1.00 0.00	8.14 0.45 0.00	4.68 0.30 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	14.80 0.93 0.00	9.60 0.66 0.00	8.41 0.57 0.00	8.20 0.52 0.00	10.05 0.60 0.00	5.02 0.32 0.00	1.65 0.10 0.00	6.83 0.41 0.00	11.05 0.67 0.00	14.56 0.85 0.00	9.05 0.56 0.00	7.49 0.50 0.33	2.98 0.18 0.00	7.74 0.47 0.00	3.31 0.23 0.00	6.67 0.41 0.00	4.88 0.30 0.00	18.39 1.07 0.00	18.67 0.98 0.00	23.25 1.07 0.00	25.35 1.11 0.00	19.17 0.90 0.00	8.10 0.41 0.00	4.65 0.28 0.00
EAST_HAMPTON___DIESEL 23722	14.68 0.82 0.00	9.59 0.64 0.00	8.44 0.60 0.00	8.21 0.53 0.00	10.04 0.59 0.00	5.05 0.35 0.00	1.66 0.11 0.00	6.80 0.38 0.00	6.89 0.65 4.14	10.20 0.86 4.37	9.49 0.67 -0.33	8.30 0.60 -0.37	-8.63 0.24 11.68	-3.01 0.54 10.82	-0.16 0.26 3.50	15.40 0.45 -8.69	13.94 0.36 -9.00	22.43 1.09 -4.02	53.55 1.14 -34.72	25.97 1.16 -2.63	36.48 1.28 -10.96	23.68 1.04 -4.37	20.91 0.57 -12.65	7.40 0.31 -2.71
EAST_POINT___SOLAR 323840	14.64 0.77 0.00	9.43 0.48 0.00	8.27 0.43 0.00	8.10 0.43 0.00	9.99 0.54 0.00	4.97 0.27 0.00	1.62 0.07 0.00	6.58 0.16 0.00	10.80 0.42 0.00	14.08 0.37 0.00	8.69 0.19 0.00	6.95 0.00 0.37	2.77 -0.03 0.00	7.26 -0.01 0.00	3.05 -0.03 0.00	6.38 0.11 0.00	4.62 0.04 0.00	17.51 0.19 0.00	18.02 0.32 0.00	23.10 0.92 0.00	25.60 1.36 0.00	19.24 0.97 0.00	8.12 0.42 0.00	4.63 0.26 0.00
EAST_PULASKI___ESR 323781	13.75 -0.12 0.00	8.84 -0.10 0.00	7.76 -0.08 0.00	7.62 -0.06 0.00	9.39 -0.07 0.00	4.67 -0.04 0.00	1.54 -0.01 0.00	6.34 -0.08 0.00	10.27 -0.11 0.00	13.49 -0.22 0.00	8.32 -0.18 0.00	6.59 -0.19 0.54	2.72 -0.09 0.00	7.03 -0.24 0.00	2.98 -0.10 0.00	6.05 -0.22 0.00	4.42 -0.16 0.00	16.74 -0.58 0.00	17.18 -0.52 0.00	21.72 -0.46 0.00	23.87 -0.37 0.00	17.98 -0.29 0.00	7.58 -0.11 0.00	4.35 -0.03 0.00
EAST_RIVER___1 323558	14.88 1.02 0.00	9.65 0.71 0.00	8.45 0.62 0.00	8.25 0.57 0.00	10.11 0.66 0.00	5.05 0.34 0.00	1.66 0.11 0.00	6.87 0.45 0.00	11.13 0.75 0.00	14.67 0.96 0.00	9.13 0.64 0.00	7.56 0.57 0.33	3.01 0.20 0.00	7.81 0.53 0.00	3.34 0.26 0.00	6.73 0.47 0.00	4.91 0.33 0.00	18.51 1.19 0.00	18.78 1.08 0.00	23.37 1.19 0.00	25.47 1.23 0.00	19.26 0.99 0.00	8.14 0.45 0.00	4.68 0.30 0.00
EAST_RIVER___2 323559	14.88 1.02 0.00	9.65 0.71 0.00	8.45 0.62 0.00	8.25 0.56 0.00	10.11 0.66 0.00	5.04 0.34 0.00	1.66 0.11 0.00	6.86 0.45 0.00	11.12 0.74 0.00	14.66 0.95 0.00	9.12 0.63 0.00	7.55 0.56 0.33	3.00 0.20 0.00	7.80 0.52 0.00	3.34 0.26 0.00	6.73 0.47 0.00	4.91 0.34 0.00	18.51 1.19 0.00	18.78 1.09 0.00	23.38 1.20 0.00	25.47 1.23 0.00	19.27 1.00 0.00	8.14 0.45 0.00	4.68 0.30 0.00
EAST___DELAWARE_HYD 23607	14.35 0.49 0.00	9.30 0.36 0.00	8.13 0.30 0.00	7.94 0.26 0.00	9.75 0.30 0.00	4.87 0.16 0.00	1.60 0.05 0.00	6.62 0.20 0.00	10.71 0.33 0.00	14.12 0.41 0.00	8.76 0.26 0.00	7.25 0.24 0.32	2.88 0.07 0.00	7.49 0.22 0.00	3.19 0.11 0.00	6.47 0.20 0.00	4.74 0.16 0.00	17.85 0.54 0.00	18.18 0.49 0.00	22.71 0.53 0.00	24.78 0.55 0.00	18.73 0.46 0.00	7.89 0.20 0.00	4.53 0.16 0.00
EIGHT_POINT___WT_PWR 323820	13.28 -0.59 0.00	8.49 -0.45 0.00	7.47 -0.36 0.00	7.38 -0.30 0.00	9.14 -0.31 0.00	4.60 -0.10 0.00	1.52 -0.03 0.00	6.18 -0.24 0.00	18.04 -0.58 -8.24	34.66 -1.13 -22.08	22.09 -0.62 -14.21	26.85 -0.61 -20.13	10.77 -0.24 -8.21	19.53 -0.65 -12.92	2.86 -0.22 0.00	5.90 -0.37 0.00	4.27 -0.31 0.00	16.17 -1.14 0.00	16.49 -1.20 0.00	20.70 -1.48 0.00	22.91 -1.33 0.00	17.35 -0.93 0.00	7.35 -0.34 0.00	4.26 -0.12 0.00
ELBRIDGE_115KV_TB2 80188	13.78 -0.08 0.00	8.88 -0.07 0.00	7.79 -0.04 0.00	7.65 -0.03 0.00	9.42 -0.03 0.00	4.69 -0.01 0.00	1.55 0.00 0.00	6.37 -0.05 0.00	10.27 -0.10 0.00	13.58 -0.13 0.00	8.42 -0.07 0.00	6.83 -0.10 0.40	2.76 -0.05 0.00	7.15 -0.12 0.00	3.03 -0.04 0.00	6.19 -0.08 0.00	4.51 -0.07 0.00	17.01 -0.31 0.00	17.32 -0.37 0.00	21.72 -0.46 0.00	23.74 -0.49 0.00	17.90 -0.37 0.00	7.55 -0.14 0.00	4.32 -0.05 0.00
ELEC_TRO_TEK 24086	14.91 1.05 0.00	9.72 0.78 0.00	8.51 0.68 0.00	8.29 0.61 0.00	10.14 0.70 0.00	5.08 0.38 0.00	1.67 0.12 0.00	6.90 0.48 0.00	30.16 0.78 -19.00	41.41 0.99 -26.71	61.38 0.71 -52.18	50.54 0.65 -42.56	56.83 0.23 -53.79	62.64 0.61 -54.75	68.12 0.30 -64.74	90.09 0.52 -83.30	80.75 0.38 -75.79	82.33 1.31 -63.70	485.68 1.32 -466.67	105.06 1.36 -81.52	132.27 1.47 -106.56	63.79 1.14 -44.38	101.82 0.54 -93.59	53.41 0.36 -48.68
ELLENBURG_WT_PWR 323604	13.20 -0.66 0.00	8.48 -0.46 0.00	7.40 -0.44 0.00	7.25 -0.43 0.00	8.92 -0.53 0.00	4.44 -0.26 0.00	1.46 -0.09 0.00	6.10 -0.32 0.00	9.88 -0.49 0.00	13.03 -0.68 0.00	8.07 -0.42 0.00	4.53 -0.30 2.49	2.70 -0.10 0.00	7.00 -0.27 0.00	2.98 -0.10 0.00	6.06 -0.20 0.00	4.42 -0.16 0.00	16.91 -0.41 0.00	17.47 -0.22 0.00	21.99 -0.19 0.00	24.04 -0.20 0.00	18.15 -0.12 0.00	7.59 -0.10 0.00	4.29 -0.08 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	13.59 -0.27 0.00	8.61 -0.33 0.00	7.63 -0.21 0.00	7.56 -0.12 0.00	9.32 -0.13 0.00	4.66 -0.05 0.00	1.53 -0.02 0.00	6.32 -0.10 0.00	7.98 -0.26 2.14	7.61 -0.37 5.73	4.64 -0.16 3.69	1.52 -0.23 5.57	0.57 -0.10 2.13	3.64 -0.28 3.35	2.92 -0.16 0.00	6.03 -0.23 0.00	4.30 -0.27 0.00	16.25 -1.07 0.00	16.61 -1.09 0.00	20.97 -1.22 0.00	22.91 -1.33 0.00	17.06 -1.21 0.00	7.21 -0.48 0.00	4.21 -0.17 0.00
EMPIRE_CC_1 323656	14.43 0.56 0.00	9.37 0.43 0.00	8.21 0.37 0.00	8.04 0.36 0.00	9.88 0.43 0.00	4.92 0.22 0.00	1.62 0.07 0.00	6.68 0.27 0.00	10.81 0.43 0.00	14.14 0.43 0.00	8.69 0.19 0.00	7.16 0.19 0.35	2.86 0.06 0.00	7.42 0.14 0.00	3.15 0.07 0.00	6.36 0.09 0.00	4.65 0.08 0.00	17.56 0.24 0.00	17.93 0.23 0.00	22.44 0.26 0.00	24.45 0.21 0.00	18.50 0.23 0.00	7.86 0.17 0.00	4.51 0.13 0.00
EMPIRE_CC_2 323658	14.43 0.56 0.00	9.37 0.43 0.00	8.21 0.37 0.00	8.04 0.36 0.00	9.88 0.43 0.00	4.92 0.22 0.00	1.62 0.07 0.00	6.68 0.27 0.00	10.81 0.43 0.00	14.14 0.43 0.00	8.69 0.19 0.00	7.16 0.19 0.35	2.86 0.06 0.00	7.42 0.14 0.00	3.15 0.07 0.00	6.36 0.09 0.00	4.65 0.08 0.00	17.56 0.24 0.00	17.93 0.23 0.00	22.44 0.26 0.00	24.45 0.21 0.00	18.50 0.23 0.00	7.86 0.17 0.00	4.51 0.13 0.00
ENORWICH_115KV_TB1 80156	14.21 0.35 0.00	9.13 0.19 0.00	8.01 0.17 0.00	7.91 0.22 0.00	9.76 0.31 0.00	4.89 0.19 0.00	1.62 0.07 0.00	6.63 0.21 0.00	11.13 0.32 -0.43	15.20 0.34 -1.14	9.53 0.30 -0.74	8.10 0.17 -0.61	3.25 0.02 -0.42	8.01 0.07 -0.67	3.08 0.00 0.00	6.33 0.06 0.00	4.65 0.07 0.00	17.81 0.50 0.00	18.48 0.79 0.00	23.40 1.22 0.00	25.75 1.51 0.00	19.37 1.09 0.00	8.09 0.40 0.00	4.63 0.25 0.00
ERIE_ST__34_KV_TB1-2 80199	13.76 -0.10 0.00	8.73 -0.21 0.00	7.73 -0.11 0.00	7.65 -0.03 0.00	9.44 -0.01 0.00	4.71 0.01 0.00	1.55 0.00 0.00	6.40 -0.02 0.00	8.10 -0.12 2.16	7.71 -0.22 5.79	4.70 -0.07 3.72	1.55 -0.16 5.62	0.58 -0.08 2.15	3.69 -0.19 3.38	2.95 -0.12 0.00	6.10 -0.16 0.00	4.36 -0.21 0.00	16.48 -0.83 0.00	16.84 -0.86 0.00	21.24 -0.94 0.00	23.20 -1.03 0.00	17.31 -0.96 0.00	7.31 -0.38 0.00	4.26 -0.11 0.00
ERIE_WT_PWR 323693	13.65 -0.22 0.00	8.64 -0.30 0.00	7.65 -0.18 0.00	7.58 -0.10 0.00	9.35 -0.10 0.00	4.67 -0.03 0.00	1.54 -0.01 0.00	6.34 -0.08 0.00	7.72 -0.23 2.43	6.85 -0.34 6.52	4.15 -0.15 4.19	0.82 -0.23 6.28	0.28 -0.10 2.42	3.20 -0.27 3.81	2.93 -0.15 0.00	6.05 -0.22 0.00	4.32 -0.26 0.00	16.31 -1.01 0.00	16.66 -1.04 0.00	21.05 -1.14 0.00	23.01 -1.23 0.00	17.16 -1.11 0.00	7.25 -0.44 0.00	4.23 -0.15 0.00
ESPRGFLD_115KV_TB1 80157	14.34 0.48 0.00	9.22 0.28 0.00	8.09 0.25 0.00	7.93 0.25 0.00	9.78 0.33 0.00	4.87 0.16 0.00	1.60 0.05 0.00	6.62 0.20 0.00	10.70 0.32 0.00	14.09 0.38 0.00	8.78 0.28 0.00	7.15 0.20 0.37	2.86 0.06 0.00	7.44 0.17 0.00	3.14 0.06 0.00	6.42 0.15 0.00	4.69 0.11 0.00	17.76 0.44 0.00	18.15 0.45 0.00	22.85 0.67 0.00	25.15 0.91 0.00	18.90 0.63 0.00	7.96 0.27 0.00	4.55 0.18 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	14.08 0.21 0.00	9.05 0.11 0.00	7.95 0.11 0.00	7.80 0.12 0.00	9.61 0.16 0.00	4.80 0.10 0.00	1.58 0.03 0.00	6.51 0.08 0.00	11.19 0.10 -0.71	15.73 0.11 -1.91	9.82 0.10 -1.23	8.67 0.03 -1.32	3.51 0.00 -0.71	8.38 -0.02 -1.12	3.07 -0.01 0.00	6.30 0.03 0.00	4.60 0.02 0.00	17.36 0.04 0.00	17.74 0.04 0.00	22.27 0.09 0.00	24.40 0.16 0.00	18.39 0.12 0.00	7.75 0.06 0.00	4.44 0.07 0.00
ETNA____115KV_TB2 80207	14.08 0.21 0.00	9.05 0.11 0.00	7.95 0.11 0.00	7.80 0.12 0.00	9.61 0.16 0.00	4.80 0.10 0.00	1.58 0.03 0.00	6.51 0.08 0.00	11.19 0.10 -0.71	15.73 0.11 -1.91	9.82 0.10 -1.23	8.67 0.03 -1.32	3.51 0.00 -0.71	8.38 -0.02 -1.12	3.07 -0.01 0.00	6.30 0.03 0.00	4.60 0.02 0.00	17.36 0.04 0.00	17.74 0.04 0.00	22.27 0.09 0.00	24.40 0.16 0.00	18.39 0.12 0.00	7.75 0.06 0.00	4.44 0.07 0.00
EUCLID__115KV_TB2 356179	13.84 -0.03 0.00	8.90 -0.04 0.00	7.82 -0.02 0.00	7.67 -0.01 0.00	9.44 -0.01 0.00	4.70 0.00 0.00	1.55 0.00 0.00	6.39 -0.03 0.00	10.33 -0.05 0.00	13.63 -0.08 0.00	8.44 -0.05 0.00	6.79 -0.08 0.45	2.76 -0.04 0.00	7.17 -0.11 0.00	3.04 -0.04 0.00	6.19 -0.07 0.00	4.51 -0.06 0.00	17.04 -0.27 0.00	17.37 -0.32 0.00	21.79 -0.39 0.00	23.82 -0.42 0.00	17.96 -0.31 0.00	7.58 -0.11 0.00	4.34 -0.03 0.00
E_CANADA_CAP_HY 24051	14.45 0.59 0.00	9.29 0.35 0.00	8.16 0.32 0.00	8.00 0.32 0.00	9.86 0.41 0.00	4.90 0.20 0.00	1.61 0.06 0.00	6.62 0.19 0.00	10.72 0.33 0.00	14.08 0.37 0.00	8.73 0.24 0.00	7.08 0.13 0.37	2.83 0.03 0.00	7.38 0.10 0.00	3.11 0.03 0.00	6.37 0.10 0.00	4.65 0.08 0.00	17.62 0.30 0.00	18.05 0.35 0.00	22.87 0.69 0.00	25.25 1.02 0.00	19.01 0.74 0.00	8.02 0.33 0.00	4.58 0.21 0.00
E_CANADA_MHWK_HY 24050	14.14 0.28 0.00	9.17 0.23 0.00	8.05 0.21 0.00	7.85 0.17 0.00	9.66 0.21 0.00	4.81 0.11 0.00	1.58 0.03 0.00	6.48 0.06 0.00	10.50 0.12 0.00	13.73 0.02 0.00	8.48 -0.01 0.65	6.53 -0.13 0.00	2.73 -0.07 0.00	7.11 -0.17 0.00	3.01 -0.06 0.00	6.19 -0.08 0.00	4.52 -0.06 0.00	17.02 -0.30 0.00	17.45 -0.25 0.00	22.07 -0.11 0.00	24.29 0.05 0.00	18.48 0.21 0.00	7.81 0.11 0.00	4.47 0.09 0.00
E_FISHKILL__LBMP 23776	14.66 0.80 0.00	9.52 0.58 0.00	8.33 0.50 0.00	8.15 0.47 0.00	10.00 0.55 0.00	4.99 0.29 0.00	1.64 0.09 0.00	6.79 0.37 0.00	10.99 0.60 0.00	14.47 0.75 0.00	8.98 0.49 0.00	7.43 0.44 0.33	2.96 0.15 0.00	7.67 0.40 0.00	3.28 0.20 0.00	6.61 0.35 0.00	4.83 0.26 0.00	18.23 0.91 0.00	18.53 0.84 0.00	23.11 0.93 0.00	25.20 0.97 0.00	19.06 0.79 0.00	8.06 0.37 0.00	4.63 0.25 0.00
FALCON__SEABRD_CC1 323796	13.32 -0.55 0.00	8.56 -0.38 0.00	7.47 -0.37 0.00	7.31 -0.37 0.00	8.99 -0.45 0.00	4.48 -0.22 0.00	1.47 -0.08 0.00	6.15 -0.26 0.00	9.97 -0.41 0.00	13.12 -0.59 0.00	8.12 -0.37 2.48	4.60 -0.24 0.00	2.73 -0.08 0.00	7.05 -0.22 0.00	3.01 -0.07 0.00	6.13 -0.14 0.00	4.46 -0.12 0.00	17.06 -0.25 0.00	17.66 -0.04 0.00	22.24 0.06 0.00	24.29 0.05 0.00	18.34 0.07 0.00	7.67 -0.02 0.00	4.34 -0.04 0.00
FALCON__SEABRD_CC2 323797	13.32 -0.55 0.00	8.56 -0.38 0.00	7.47 -0.37 0.00	7.31 -0.37 0.00	8.99 -0.45 0.00	4.48 -0.22 0.00	1.47 -0.08 0.00	6.15 -0.26 0.00	9.97 -0.41 0.00	13.12 -0.59 0.00	8.12 -0.37 0.00	4.60 -0.24 2.48	2.73 -0.08 0.00	7.05 -0.22 0.00	3.01 -0.07 0.00	6.13 -0.14 0.00	4.46 -0.12 0.00	17.06 -0.25 0.00	17.66 -0.04 0.00	22.24 0.06 0.00	24.29 0.05 0.00	18.34 0.07 0.00	7.67 -0.02 0.00	4.34 -0.04 0.00

FAR ROCKAWAY___4 23548	15.09 1.22 0.00	9.83 0.89 0.00	8.61 0.77 0.00	8.38 0.70 0.00	10.25 0.81 0.00	5.14 0.43 0.00	1.69 0.14 0.00	6.96 0.54 0.00	64.28 0.87 -53.03	85.55 1.13 -70.71	135.02 0.80 -125.73	108.35 0.73 -100.29	153.77 0.26 -150.71	159.78 0.68 -151.82	165.14 0.33 -161.73	175.36 0.60 -168.50	155.68 0.42 -150.67	153.99 1.47 -135.20	1003.61 1.42 -984.49	202.88 1.50 -179.20	241.62 1.82 -215.56	109.86 1.31 -90.29	189.74 0.63 -181.41	105.60 0.41 -100.81
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	14.89 1.02 0.00	9.66 0.72 0.00	8.46 0.62 0.00	8.25 0.57 0.00	10.11 0.67 0.00	5.05 0.35 0.00	1.66 0.11 0.00	6.87 0.45 0.00	11.13 0.75 0.00	14.68 0.97 0.00	9.14 0.64 0.00	7.56 0.57 0.33	3.01 0.20 0.00	7.81 0.54 0.00	3.34 0.27 0.00	6.74 0.47 0.00	4.92 0.34 0.00	18.52 1.20 0.00	18.78 1.08 0.00	23.38 1.20 0.00	25.48 1.24 0.00	19.27 1.00 0.00	8.14 0.45 0.00	4.68 0.31 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	14.89 1.03 0.00	9.66 0.72 0.00	8.46 0.63 0.00	8.25 0.57 0.00	10.12 0.67 0.00	5.05 0.35 0.00	1.66 0.11 0.00	6.87 0.45 0.00	11.13 0.76 0.00	14.68 0.97 0.00	9.14 0.65 0.00	7.57 0.57 0.33	3.01 0.20 0.00	7.82 0.54 0.00	3.34 0.27 0.00	6.74 0.47 0.00	4.92 0.34 0.00	18.52 1.20 0.00	18.79 1.10 0.00	23.39 1.20 0.00	25.49 1.25 0.00	19.28 1.01 0.00	8.15 0.45 0.00	4.68 0.31 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	14.89 1.02 0.00	9.65 0.71 0.00	8.46 0.62 0.00	8.25 0.57 0.00	10.11 0.66 0.00	5.05 0.35 0.00	1.66 0.11 0.00	6.87 0.45 0.00	11.13 0.75 0.00	14.68 0.97 0.00	9.13 0.64 0.00	7.56 0.57 0.33	3.01 0.20 0.00	7.81 0.53 0.00	3.34 0.26 0.00	6.73 0.47 0.00	4.91 0.33 0.00	18.51 1.19 0.00	18.78 1.08 0.00	23.37 1.19 0.00	25.47 1.23 0.00	19.27 0.99 0.00	8.14 0.45 0.00	4.68 0.30 0.00
FARRAGUT___LBMP 323566	14.87 1.01 0.00	9.65 0.71 0.00	8.45 0.61 0.00	8.24 0.56 0.00	10.10 0.66 0.00	5.04 0.34 0.00	1.66 0.11 0.00	6.86 0.45 0.00	11.12 0.74 0.00	14.66 0.95 0.00	9.13 0.64 0.00	7.56 0.56 0.33	3.00 0.20 0.00	7.80 0.53 0.00	3.34 0.26 0.00	6.73 0.46 0.00	4.91 0.33 0.00	18.49 1.17 0.00	18.76 1.07 0.00	23.35 1.17 0.00	25.45 1.21 0.00	19.25 0.98 0.00	8.13 0.44 0.00	4.68 0.30 0.00
FENNER___WINDPWR 24204	14.09 0.23 0.00	9.06 0.12 0.00	7.95 0.12 0.00	7.80 0.12 0.00	9.61 0.16 0.00	4.79 0.09 0.00	1.58 0.03 0.00	6.52 0.10 0.00	10.51 0.13 0.00	13.86 0.15 0.00	8.57 0.08 0.52	6.81 0.01 0.00	2.79 -0.01 0.00	7.23 -0.04 0.00	3.08 0.00 0.00	6.25 -0.01 0.00	4.60 0.02 0.00	17.34 0.02 0.00	17.76 0.06 0.00	22.36 0.18 0.00	24.49 0.25 0.00	18.44 0.17 0.00	7.78 0.09 0.00	4.46 0.08 0.00
FIBERTEK___ENERGY 23856	13.89 0.03 0.00	8.94 0.00 0.00	7.85 0.01 0.00	7.70 0.02 0.00	9.48 0.03 0.00	4.72 0.02 0.00	1.56 0.01 0.00	6.42 0.00 0.00	10.36 -0.02 0.00	13.69 -0.02 0.00	8.48 -0.01 0.43	6.85 -0.05 0.00	2.78 -0.03 0.00	7.20 -0.07 0.00	3.05 -0.02 0.00	6.23 -0.04 0.00	4.54 -0.04 0.00	17.15 -0.17 0.00	17.47 -0.22 0.00	21.91 -0.27 0.00	23.95 -0.28 0.00	18.06 -0.21 0.00	7.62 -0.07 0.00	4.36 -0.02 0.00
FITZPATRICK___ 23598	13.58 -0.29 0.00	8.75 -0.19 0.00	7.68 -0.16 0.00	7.53 -0.15 0.00	9.27 -0.18 0.00	4.62 -0.09 0.00	1.52 -0.03 0.00	6.28 -0.14 0.00	10.15 -0.23 0.00	13.39 -0.32 0.00	8.30 -0.20 0.39	6.74 -0.20 0.00	2.72 -0.08 0.00	7.06 -0.21 0.00	2.99 -0.09 0.00	6.09 -0.18 0.00	4.44 -0.14 0.00	16.76 -0.56 0.00	17.09 -0.61 0.00	21.41 -0.77 0.00	23.39 -0.84 0.00	17.65 -0.62 0.00	7.45 -0.24 0.00	4.26 -0.11 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	14.82 0.95 0.00	9.61 0.67 0.00	8.41 0.58 0.00	8.22 0.54 0.00	10.09 0.64 0.00	5.04 0.33 0.00	1.66 0.11 0.00	6.85 0.43 0.00	11.08 0.71 0.00	14.61 0.89 0.00	9.08 0.58 0.33	7.50 0.51 0.00	2.98 0.18 0.00	7.75 0.47 0.00	3.31 0.23 0.00	6.69 0.42 0.00	4.89 0.31 0.00	18.44 1.13 0.00	18.76 1.07 0.00	23.41 1.23 0.00	25.53 1.30 0.00	19.30 1.02 0.00	8.15 0.45 0.00	4.67 0.30 0.00
FORT ORANGE___ 23900	14.32 0.46 0.00	9.30 0.36 0.00	8.15 0.31 0.00	7.98 0.30 0.00	9.81 0.36 0.00	4.88 0.18 0.00	1.60 0.05 0.00	6.62 0.20 0.00	10.71 0.33 0.00	14.07 0.36 0.00	8.68 0.19 0.00	7.13 0.17 0.36	2.85 0.05 0.00	7.39 0.11 0.00	3.14 0.06 0.00	6.36 0.09 0.00	4.65 0.07 0.00	17.52 0.20 0.00	17.89 0.19 0.00	22.42 0.24 0.00	24.50 0.27 0.00	18.51 0.24 0.00	7.86 0.16 0.00	4.50 0.13 0.00
FORT_DRUM_COGEN 23780	13.72 -0.14 0.00	8.79 -0.15 0.00	7.72 -0.11 0.00	7.59 -0.09 0.00	9.38 -0.07 0.00	4.65 -0.05 0.00	1.54 -0.01 0.00	6.34 -0.08 0.00	10.31 -0.07 0.00	13.36 -0.35 0.00	8.16 -0.33 0.89	6.04 -0.39 0.00	2.64 -0.17 0.00	6.79 -0.49 0.00	2.89 -0.19 0.00	5.78 -0.49 0.00	4.27 -0.30 0.00	16.40 -0.92 0.00	17.08 -0.62 0.00	21.99 -0.19 0.00	24.42 0.19 0.00	18.27 0.00 0.00	7.70 0.01 0.00	4.44 0.06 0.00
FOX_HILLS___ESR 323835	14.92 1.05 0.00	9.69 0.74 -0.01	8.47 0.64 0.00	8.26 0.58 0.00	10.19 0.74 0.00	5.10 0.40 0.00	1.68 0.13 0.00	6.93 0.51 0.00	11.21 0.83 0.00	14.76 1.05 0.00	9.20 0.70 0.33	7.61 0.62 0.00	3.03 0.22 0.00	7.87 0.59 0.00	3.36 0.28 0.00	6.78 0.50 -0.01	4.92 0.34 0.00	18.49 1.17 0.00	18.77 1.08 0.00	23.37 1.19 0.00	25.49 1.25 0.00	19.27 1.00 0.00	8.14 0.45 0.00	4.68 0.31 0.00
FPL_FAR_ROCK_GT1 24212	15.09 1.22 0.00	9.83 0.89 0.00	8.61 0.77 0.00	8.38 0.70 0.00	10.25 0.81 0.00	5.14 0.43 0.00	1.69 0.14 0.00	6.96 0.54 0.00	64.28 0.87 -53.03	85.55 1.13 -70.71	135.02 0.80 -125.73	108.34 0.73 -100.29	153.77 0.26 -150.71	159.78 0.68 -151.82	165.14 0.33 -161.73	175.36 0.60 -168.50	155.68 0.42 -150.67	153.98 1.47 -135.20	1003.60 1.42 -984.49	202.88 1.50 -179.20	241.62 1.82 -215.56	109.86 1.31 -90.29	189.73 0.63 -181.41	105.60 0.41 -100.81
FPL_FAR_ROCK_GT2 23815	15.09 1.22 0.00	9.83 0.89 0.00	8.61 0.77 0.00	8.38 0.70 0.00	10.25 0.81 0.00	5.14 0.43 0.00	1.69 0.14 0.00	6.96 0.54 0.00	64.28 0.87 -53.03	85.55 1.13 -70.71	135.02 0.80 -125.73	108.34 0.73 -100.29	153.77 0.26 -150.71	159.78 0.68 -151.82	165.14 0.33 -161.73	175.36 0.60 -168.50	155.68 0.42 -150.67	153.98 1.47 -135.20	1003.60 1.42 -984.49	202.88 1.50 -179.20	241.62 1.82 -215.56	109.86 1.31 -90.29	189.73 0.63 -181.41	105.60 0.41 -100.81
FRANKLIN_FALL_HYD 24054	13.23 -0.63 0.00	8.50 -0.45 0.00	7.42 -0.42 0.00	7.27 -0.41 0.00	8.97 -0.48 0.00	4.47 -0.24 0.00	1.47 -0.08 0.00	6.15 -0.27 0.00	9.97 -0.40 0.00	13.15 -0.57 0.00	8.14 -0.36 0.00	4.70 -0.27 2.36	2.72 -0.08 0.00	7.05 -0.22 0.00	3.00 -0.08 0.00	6.13 -0.14 0.00	4.45 -0.13 0.00	16.98 -0.33 0.00	17.60 -0.09 0.00	22.21 0.03 0.00	24.32 0.08 0.00	18.31 0.04 0.00	7.64 -0.05 0.00	4.31 -0.06 0.00

FREEPORT_EQUS_GT1 23764	15.00 1.14 0.00	9.78 0.84 0.00	8.57 0.73 0.00	8.33 0.65 0.00	10.20 0.75 0.00	5.11 0.41 0.00	1.68 0.13 0.00	6.93 0.52 0.00	26.72 0.83 -15.51	36.71 1.06 -21.94	52.58 0.76 -43.33	43.28 0.70 -35.26	46.57 0.25 -43.51	52.38 0.65 -44.46	56.53 0.31 -53.14	72.82 0.54 -66.01	64.93 0.39 -59.97	69.32 1.39 -50.61	391.18 1.47 -372.01	88.33 1.51 -64.65	110.27 1.60 -84.44	54.67 1.30 -35.10	82.69 0.60 -74.40	45.47 0.39 -40.71
FREEPORT___CT2 23818	15.00 1.14 0.00	9.78 0.84 0.00	8.57 0.73 0.00	8.33 0.65 0.00	10.20 0.75 0.00	5.11 0.41 0.00	1.68 0.13 0.00	6.93 0.52 0.00	26.72 0.83 -15.51	36.71 1.06 -21.94	52.58 0.76 -43.33	43.28 0.70 -35.26	46.57 0.25 -43.51	52.38 0.65 -44.46	56.53 0.31 -53.14	72.82 0.54 -66.01	64.93 0.39 -59.97	69.32 1.39 -50.61	391.18 1.47 -372.01	88.33 1.51 -64.65	110.27 1.60 -84.44	54.67 1.30 -35.10	82.69 0.60 -74.40	45.47 0.39 -40.71
FRESHKLS_33_KV_LOAD 356253	14.91 1.05 0.00	9.68 0.73 -0.01	8.47 0.64 0.00	8.26 0.58 0.00	10.23 0.78 0.00	5.12 0.42 0.00	1.69 0.14 0.00	6.95 0.53 0.00	11.25 0.87 0.00	14.80 1.09 0.00	9.22 0.73 0.00	7.63 0.64 0.33	3.03 0.23 0.00	7.88 0.61 0.00	3.36 0.29 0.00	6.79 0.51 -0.01	4.91 0.33 0.00	18.48 1.16 0.00	18.76 1.07 0.00	23.37 1.19 0.00	25.49 1.25 0.00	19.28 1.01 0.00	8.14 0.45 0.00	4.68 0.31 0.00
FULTON COGEN____ 23766	13.71 -0.15 0.00	8.83 -0.11 0.00	7.75 -0.09 0.00	7.60 -0.08 0.00	9.35 -0.09 0.00	4.66 -0.04 0.00	1.54 -0.02 0.00	6.33 -0.09 0.00	10.24 -0.14 0.00	13.52 -0.19 0.00	8.36 -0.13 0.00	6.74 -0.14 0.44	2.74 -0.07 0.00	7.10 -0.17 0.00	3.01 -0.07 0.00	6.14 -0.13 0.00	4.48 -0.10 0.00	16.90 -0.42 0.00	17.24 -0.46 0.00	21.63 -0.55 0.00	23.64 -0.59 0.00	17.83 -0.44 0.00	7.52 -0.17 0.00	4.30 -0.07 0.00
FULTON___LFGE 323630	14.56 0.70 0.00	9.39 0.45 0.00	8.24 0.40 0.00	8.07 0.39 0.00	9.95 0.50 0.00	4.95 0.25 0.00	1.61 0.07 0.00	6.64 0.22 0.00	10.77 0.39 0.00	14.15 0.43 0.00	8.72 0.23 0.00	7.01 0.06 0.37	2.81 0.00 0.00	7.33 0.06 0.00	3.08 0.00 0.00	6.37 0.11 0.00	4.66 0.08 0.00	17.50 0.18 0.00	17.99 0.29 0.00	23.00 0.82 0.00	25.39 1.16 0.00	19.12 0.85 0.00	8.07 0.38 0.00	4.61 0.23 0.00
G.F.CEMENT___DRP 24184	14.71 0.85 0.00	9.55 0.61 0.00	8.37 0.54 0.00	8.20 0.52 0.00	10.10 0.65 0.00	5.03 0.32 0.00	1.65 0.10 0.00	6.85 0.43 0.00	11.11 0.73 0.00	14.58 0.87 0.00	8.90 0.40 0.00	7.27 0.31 0.37	2.91 0.11 0.00	7.53 0.26 0.00	3.19 0.11 0.00	6.45 0.18 0.00	4.74 0.16 0.00	18.02 0.70 0.00	18.51 0.82 0.00	23.27 1.09 0.00	25.47 1.24 0.00	19.28 1.01 0.00	8.15 0.46 0.00	4.67 0.29 0.00
GARDENVILLE___LBMP 24039	13.57 -0.29 0.00	8.60 -0.34 0.00	7.62 -0.22 0.00	7.56 -0.12 0.00	9.31 -0.13 0.00	4.66 -0.05 0.00	1.54 -0.02 0.00	6.30 -0.12 0.00	5.15 -0.30 4.94	0.05 -0.44 13.22	-0.23 -0.21 8.51	-5.30 -0.27 12.36	-2.23 -0.12 4.92	-0.78 -0.32 7.74	2.91 -0.17 0.00	6.02 -0.25 0.00	4.29 -0.29 0.00	16.22 -1.10 0.00	16.58 -1.12 0.00	20.95 -1.23 0.00	22.93 -1.31 0.00	17.11 -1.17 0.00	7.23 -0.46 0.00	4.22 -0.16 0.00
GARDNVLA_35_KV_LD 355827	13.66 -0.20 0.00	8.65 -0.29 0.00	7.66 -0.17 0.00	7.59 -0.09 0.00	9.36 -0.09 0.00	4.68 -0.02 0.00	1.54 -0.01 0.00	6.34 -0.08 0.00	7.86 -0.22 2.31	7.20 -0.34 6.17	4.38 -0.14 3.97	1.14 -0.22 5.97	0.41 -0.10 2.29	3.40 -0.26 3.61	2.93 -0.15 0.00	6.06 -0.20 0.00	4.33 -0.25 0.00	16.34 -0.98 0.00	16.70 -1.00 0.00	21.09 -1.09 0.00	23.06 -1.18 0.00	17.19 -1.08 0.00	7.26 -0.43 0.00	4.24 -0.14 0.00
GELCKHM___115KV_LOAD 80723	13.85 -0.01 0.00	8.92 -0.02 0.00	7.83 -0.01 0.00	7.68 0.00 0.00	9.46 0.01 0.00	4.71 0.01 0.00	1.55 0.00 0.00	6.40 -0.02 0.00	10.34 -0.04 0.00	13.65 -0.06 0.00	8.46 -0.04 0.00	6.81 -0.07 0.44	2.77 -0.04 0.00	7.18 -0.09 0.00	3.04 -0.03 0.00	6.20 -0.06 0.00	4.52 -0.05 0.00	17.08 -0.24 0.00	17.41 -0.29 0.00	21.83 -0.35 0.00	23.87 -0.37 0.00	18.00 -0.27 0.00	7.59 -0.10 0.00	4.35 -0.03 0.00
GENERAL___MILLS 23808	13.64 -0.22 0.00	8.64 -0.30 0.00	7.65 -0.18 0.00	7.59 -0.09 0.00	9.35 -0.10 0.00	4.67 -0.03 0.00	1.54 -0.01 0.00	6.34 -0.08 0.00	7.72 -0.23 2.43	6.85 -0.35 6.52	4.15 -0.15 4.19	0.82 -0.22 6.28	0.28 -0.10 2.42	3.20 -0.27 3.81	2.93 -0.15 0.00	6.05 -0.21 0.00	4.32 -0.26 0.00	16.31 -1.01 0.00	16.66 -1.04 0.00	21.05 -1.14 0.00	23.02 -1.22 0.00	17.16 -1.11 0.00	7.25 -0.44 0.00	4.23 -0.15 0.00
GE_PLASTICS___DRP 24183	14.27 0.41 0.00	9.26 0.32 0.00	8.12 0.28 0.00	7.95 0.27 0.00	9.77 0.32 0.00	4.86 0.16 0.00	1.60 0.05 0.00	6.60 0.18 0.00	10.68 0.30 0.00	14.05 0.33 0.00	8.67 0.18 0.00	7.13 0.17 0.35	2.85 0.05 0.00	7.39 0.12 0.00	3.14 0.06 0.00	6.36 0.10 0.00	4.65 0.08 0.00	17.54 0.22 0.00	17.90 0.20 0.00	22.40 0.22 0.00	24.47 0.23 0.00	18.49 0.22 0.00	7.84 0.14 0.00	4.49 0.11 0.00
GILBOA___1 23756	14.30 0.43 0.00	9.26 0.32 0.00	8.11 0.27 0.00	7.94 0.26 0.00	9.80 0.35 0.00	4.87 0.16 0.00	1.60 0.05 0.00	6.61 0.20 0.00	10.70 0.32 0.00	14.08 0.37 0.00	8.72 0.23 0.00	7.16 0.20 0.36	2.87 0.06 0.00	7.43 0.16 0.00	3.16 0.08 0.00	6.40 0.13 0.00	4.68 0.10 0.00	17.64 0.32 0.00	17.97 0.27 0.00	22.48 0.30 0.00	24.59 0.35 0.00	18.58 0.31 0.00	7.86 0.16 0.00	4.50 0.13 0.00
GILBOA___2 23757	14.30 0.43 0.00	9.26 0.32 0.00	8.11 0.27 0.00	7.94 0.26 0.00	9.80 0.35 0.00	4.87 0.16 0.00	1.60 0.05 0.00	6.61 0.20 0.00	10.70 0.32 0.00	14.08 0.37 0.00	8.72 0.23 0.00	7.16 0.20 0.36	2.87 0.06 0.00	7.43 0.16 0.00	3.16 0.08 0.00	6.40 0.13 0.00	4.68 0.10 0.00	17.64 0.32 0.00	17.97 0.27 0.00	22.48 0.30 0.00	24.59 0.35 0.00	18.58 0.31 0.00	7.86 0.16 0.00	4.50 0.13 0.00
GILBOA___3 23758	14.30 0.43 0.00	9.26 0.32 0.00	8.11 0.27 0.00	7.94 0.26 0.00	9.80 0.35 0.00	4.87 0.16 0.00	1.60 0.05 0.00	6.61 0.20 0.00	10.70 0.32 0.00	14.08 0.37 0.00	8.72 0.23 0.00	7.16 0.20 0.36	2.87 0.06 0.00	7.43 0.16 0.00	3.16 0.08 0.00	6.40 0.13 0.00	4.68 0.10 0.00	17.64 0.32 0.00	17.97 0.27 0.00	22.48 0.30 0.00	24.59 0.35 0.00	18.58 0.31 0.00	7.86 0.16 0.00	4.50 0.13 0.00
GILBOA___4 23759	14.30 0.43 0.00	9.26 0.32 0.00	8.11 0.27 0.00	7.94 0.26 0.00	9.80 0.35 0.00	4.87 0.16 0.00	1.60 0.05 0.00	6.61 0.20 0.00	10.70 0.32 0.00	14.08 0.37 0.00	8.72 0.23 0.00	7.16 0.20 0.36	2.87 0.06 0.00	7.43 0.16 0.00	3.16 0.08 0.00	6.40 0.13 0.00	4.68 0.10 0.00	17.64 0.32 0.00	17.97 0.27 0.00	22.48 0.30 0.00	24.59 0.35 0.00	18.58 0.31 0.00	7.86 0.16 0.00	4.50 0.13 0.00

GILBOA____ 23599	14.30 0.43 0.00	9.26 0.32 0.00	8.11 0.27 0.00	7.95 0.26 0.00	9.80 0.35 0.00	4.87 0.16 0.00	1.60 0.05 0.00	6.62 0.20 0.00	10.70 0.32 0.00	14.08 0.37 0.00	8.72 0.23 0.00	7.16 0.20 0.36	2.87 0.06 0.00	7.43 0.16 0.00	3.16 0.08 0.00	6.40 0.13 0.00	4.68 0.10 0.00	17.64 0.32 0.00	17.97 0.27 0.00	22.48 0.30 0.00	24.59 0.35 0.00	18.58 0.31 0.00	7.86 0.16 0.00	4.50 0.13 0.00
GINNA____ 23603	13.15 -0.71 0.00	8.41 -0.53 0.00	7.40 -0.43 0.00	7.30 -0.38 0.00	8.99 -0.46 0.00	4.48 -0.22 0.00	1.48 -0.07 0.00	6.08 -0.34 0.00	9.80 -0.58 0.00	12.95 -0.76 0.00	8.05 -0.45 0.00	6.52 -0.44 0.36	2.63 -0.18 0.00	6.82 -0.45 0.00	2.88 -0.19 0.00	5.89 -0.37 0.00	4.27 -0.31 0.00	16.12 -1.20 0.00	16.46 -1.23 0.00	20.69 -1.49 0.00	22.59 -1.65 0.00	16.91 -1.36 0.00	7.13 -0.56 0.00	4.11 -0.27 0.00
GLEN PARK____ 23778	13.76 -0.10 0.00	8.81 -0.13 0.00	7.75 -0.09 0.00	7.61 -0.07 0.00	9.40 -0.05 0.00	4.67 -0.04 0.00	1.54 -0.01 0.00	6.36 -0.06 0.00	10.34 -0.04 0.00	13.37 -0.34 0.00	8.16 -0.33 0.00	6.07 -0.39 0.87	2.64 -0.16 0.00	6.79 -0.49 0.00	2.89 -0.19 0.00	5.77 -0.49 0.00	4.27 -0.31 0.00	16.40 -0.92 0.00	17.09 -0.61 0.00	22.02 -0.16 0.00	24.50 0.27 0.00	18.33 0.06 0.00	7.72 0.03 0.00	4.45 0.07 0.00
GLENDALE_27_KV_LOAD 356172	14.97 1.10 0.00	9.72 0.77 -0.01	8.51 0.67 0.00	8.29 0.61 0.00	10.17 0.72 0.00	5.07 0.37 0.00	1.67 0.12 0.00	6.90 0.49 0.00	11.18 0.81 0.00	14.75 1.03 0.00	9.19 0.69 0.00	7.61 0.62 0.33	3.02 0.22 0.00	7.86 0.58 0.00	3.36 0.28 0.00	6.79 0.51 -0.01	4.94 0.36 0.00	18.59 1.27 0.00	18.87 1.17 0.00	23.49 1.31 0.00	25.60 1.36 0.00	19.36 1.09 0.00	8.18 0.49 0.00	4.70 0.33 0.00
GLENWOOD_IC_1_G5 23712	14.93 1.07 0.00	9.71 0.77 0.00	8.51 0.67 0.00	8.28 0.60 0.00	10.15 0.70 0.00	5.08 0.37 0.00	1.67 0.12 0.00	6.90 0.48 0.00	19.19 0.79 -8.02	27.16 1.00 -12.45	37.39 0.69 -28.21	31.62 0.63 -23.67	25.51 0.22 -22.48	31.25 0.59 -23.39	36.52 0.29 -33.15	60.96 0.51 -54.18	55.02 0.37 -50.07	58.16 1.31 -39.53	310.96 1.27 -291.99	72.27 1.36 -48.73	94.98 1.45 -69.29	48.11 1.14 -28.70	71.50 0.52 -63.29	36.01 0.34 -31.29
GLENWOOD_IC_2_G1 23688	14.87 1.01 0.00	9.66 0.72 0.00	8.47 0.63 0.00	8.25 0.57 0.00	10.11 0.66 0.00	5.05 0.35 0.00	1.66 0.11 0.00	6.87 0.45 0.00	11.11 0.73 0.00	14.72 0.93 -0.08	16.11 0.64 -6.97	12.30 0.57 -4.40	3.01 0.20 0.00	8.69 0.54 -0.88	8.73 0.26 -5.39	8.17 0.47 -1.43	6.28 0.34 -1.36	19.47 1.20 -0.96	34.44 1.15 -15.60	24.49 1.22 -1.09	27.36 1.29 -1.83	20.05 1.03 -0.75	9.94 0.47 -1.77	5.41 0.32 -0.72
GLENWOOD_IC_3_G1 23689	14.87 1.01 0.00	9.66 0.72 0.00	8.47 0.63 0.00	8.25 0.57 0.00	10.11 0.66 0.00	5.05 0.35 0.00	1.66 0.11 0.00	6.87 0.45 0.00	11.11 0.73 0.00	14.72 0.93 -0.08	16.11 0.64 -6.97	12.30 0.57 -4.40	3.01 0.20 0.00	8.69 0.54 -0.88	8.73 0.26 -5.39	8.17 0.47 -1.43	6.28 0.34 -1.36	19.47 1.20 -0.96	34.44 1.15 -15.60	24.49 1.22 -1.09	27.36 1.29 -1.83	20.05 1.03 -0.75	9.94 0.47 -1.77	5.41 0.32 -0.72
GLENWOOD____4 23550	14.93 1.07 0.00	9.71 0.77 0.00	8.51 0.67 0.00	8.28 0.60 0.00	10.15 0.70 0.00	5.08 0.37 0.00	1.67 0.12 0.00	6.90 0.48 0.00	19.19 0.79 -8.02	27.16 1.00 -12.45	37.39 0.69 -28.21	31.62 0.63 -23.67	25.51 0.22 -22.48	31.25 0.59 -23.39	36.52 0.29 -33.15	60.96 0.51 -54.18	55.02 0.37 -50.07	58.16 1.31 -39.53	310.96 1.27 -291.99	72.27 1.36 -48.73	94.98 1.45 -69.29	48.11 1.14 -28.70	71.50 0.52 -63.29	36.01 0.34 -31.29
GLENWOOD____5 23614	14.93 1.07 0.00	9.71 0.77 0.00	8.51 0.67 0.00	8.28 0.60 0.00	10.15 0.70 0.00	5.08 0.37 0.00	1.67 0.12 0.00	6.90 0.48 0.00	19.19 0.79 -8.02	27.16 1.00 -12.45	37.39 0.69 -28.21	31.62 0.63 -23.67	25.51 0.22 -22.48	31.25 0.59 -23.39	36.52 0.29 -33.15	60.96 0.51 -54.18	55.02 0.37 -50.07	58.16 1.31 -39.53	310.96 1.27 -291.99	72.27 1.36 -48.73	94.98 1.45 -69.29	48.11 1.14 -28.70	71.50 0.52 -63.29	36.01 0.34 -31.29
GLOBAL GREEN_PORT_GT1 23814	14.89 1.03 0.00	9.71 0.77 0.00	8.54 0.70 0.00	8.31 0.63 0.00	10.16 0.71 0.00	5.11 0.41 0.00	1.68 0.13 0.00	6.89 0.47 0.00	7.02 0.78 4.14	10.35 1.00 4.36	9.58 0.75 -0.33	8.38 0.69 -0.37	-8.59 0.27 11.67	-2.91 0.63 10.81	-0.12 0.30 3.50	15.49 0.53 -8.69	14.00 0.42 -9.00	22.66 1.32 -4.02	53.80 1.37 -34.74	26.26 1.45 -2.63	36.80 1.59 -10.97	23.90 1.26 -4.37	20.98 0.63 -12.65	7.45 0.37 -2.71
GLOBE____DSASP 323697	13.36 -0.50 0.00	8.46 -0.48 0.00	7.49 -0.34 0.00	7.44 -0.24 0.00	9.16 -0.29 0.00	4.57 -0.13 0.00	1.50 -0.05 0.00	6.20 -0.21 0.00	8.00 -0.45 1.93	7.96 -0.59 5.15	4.89 -0.29 3.32	1.94 -0.34 5.04	0.75 -0.14 1.92	3.88 -0.37 3.02	2.89 -0.19 0.00	5.95 -0.31 0.00	4.23 -0.34 0.00	15.98 -1.33 0.00	16.36 -1.34 0.00	20.64 -1.54 0.00	22.48 -1.75 0.00	16.58 -1.69 0.00	7.00 -0.69 0.00	4.10 -0.28 0.00
GOETHSLN____LBMP 323567	-318.54 0.93 333.33	-832.08 0.65 841.67	8.43 0.59 0.00	8.22 0.54 0.00	10.06 0.62 0.00	5.03 0.32 0.00	1.66 0.11 0.00	6.83 0.42 0.00	11.07 0.69 0.00	14.58 0.87 0.00	9.08 0.58 0.00	7.51 0.52 0.33	2.99 0.19 0.00	7.77 0.50 0.00	3.33 0.25 0.00	6.71 0.45 0.00	4.90 0.32 0.00	18.45 1.13 0.00	18.72 1.02 0.00	23.28 1.10 0.00	25.38 1.15 0.00	19.20 0.93 0.00	8.11 0.42 0.00	4.66 0.29 0.00
GOLAH____69_KV_TB 1_2 80279	13.80 -0.06 0.00	8.79 -0.15 0.00	7.76 -0.08 0.00	7.66 -0.02 0.00	9.43 -0.02 0.00	4.70 0.00 0.00	1.55 0.00 0.00	6.37 -0.05 0.00	10.24 -0.13 0.00	13.54 -0.17 0.00	8.42 -0.08 0.00	6.84 -0.14 0.35	2.74 -0.06 0.00	7.13 -0.14 0.00	3.00 -0.08 0.00	6.16 -0.11 0.00	4.43 -0.15 0.00	16.79 -0.53 0.00	17.18 -0.52 0.00	21.63 -0.55 0.00	23.61 -0.63 0.00	17.64 -0.63 0.00	7.44 -0.25 0.00	4.30 -0.07 0.00
GOODYEAR_LAKE_HYD 323669	14.32 0.46 0.00	9.24 0.29 0.00	8.09 0.26 0.00	7.94 0.26 0.00	9.78 0.34 0.00	4.87 0.17 0.00	1.61 0.06 0.00	6.64 0.22 0.00	10.73 0.35 0.00	14.14 0.43 0.00	8.80 0.30 0.00	7.16 0.24 0.40	2.88 0.07 0.00	7.48 0.20 0.00	3.17 0.09 0.00	6.44 0.18 0.00	4.71 0.14 0.00	17.79 0.48 0.00	18.16 0.46 0.00	22.78 0.59 0.00	24.96 0.72 0.00	18.81 0.53 0.00	7.93 0.23 0.00	4.54 0.16 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	13.98 0.12 0.00	8.99 0.05 0.00	7.90 0.06 0.00	7.76 0.08 0.00	9.55 0.10 0.00	4.77 0.07 0.00	1.58 0.02 0.00	6.49 0.07 0.00	10.49 0.11 0.00	13.78 0.08 0.00	8.58 0.09 0.00	6.89 0.02 0.45	2.80 0.00 0.00	7.26 -0.02 0.00	3.07 -0.01 0.00	6.26 0.00 0.00	4.56 -0.02 0.00	17.19 -0.13 0.00	17.49 -0.20 0.00	21.93 -0.25 0.00	24.01 -0.22 0.00	18.11 -0.17 0.00	7.65 -0.05 0.00	4.40 0.03 0.00

GOUDEY___7 23579	13.98 0.12 0.00	8.99 0.05 0.00	7.90 0.06 0.00	7.76 0.08 0.00	9.55 0.10 0.00	4.77 0.07 0.00	1.58 0.02 0.00	6.49 0.07 0.00	10.49 0.11 0.00	13.78 0.08 0.00	8.58 0.09 0.00	6.89 0.02 0.45	2.80 0.00 0.00	7.26 -0.02 0.00	3.07 -0.01 0.00	6.26 0.00 0.00	4.56 -0.02 0.00	17.19 -0.13 0.00	17.49 -0.20 0.00	21.93 -0.25 0.00	24.01 -0.22 0.00	18.11 -0.17 0.00	7.65 -0.05 0.00	4.40 0.03 0.00
GOUDEY___8 23580	13.98 0.12 0.00	8.99 0.05 0.00	7.90 0.06 0.00	7.76 0.08 0.00	9.55 0.10 0.00	4.77 0.07 0.00	1.58 0.02 0.00	6.49 0.07 0.00	10.49 0.11 0.00	13.78 0.08 0.00	8.58 0.09 0.00	6.89 0.02 0.45	2.80 0.00 0.00	7.26 -0.02 0.00	3.07 -0.01 0.00	6.26 0.00 0.00	4.56 -0.02 0.00	17.19 -0.13 0.00	17.49 -0.20 0.00	21.93 -0.25 0.00	24.01 -0.22 0.00	18.11 -0.17 0.00	7.65 -0.05 0.00	4.40 0.03 0.00
GOWANUS_GT1_1 24077	14.95 1.08 0.00	9.71 0.76 -0.01	8.50 0.66 0.00	8.28 0.60 0.00	10.16 0.72 0.00	5.07 0.37 0.00	1.67 0.12 0.00	6.90 0.48 0.00	11.18 0.80 0.00	14.73 1.02 0.00	9.18 0.68 0.00	7.60 0.60 0.33	3.02 0.22 0.00	7.85 0.58 0.00	3.36 0.28 0.00	6.77 0.50 -0.01	4.93 0.35 0.00	18.53 1.22 0.00	18.82 1.12 0.00	23.43 1.24 0.00	25.54 1.30 0.00	19.31 1.04 0.00	8.16 0.46 0.00	4.69 0.31 0.00
GOWANUS_GT1_2 24078	14.95 1.08 0.00	9.71 0.76 -0.01	8.50 0.66 0.00	8.28 0.60 0.00	10.16 0.72 0.00	5.07 0.37 0.00	1.67 0.12 0.00	6.90 0.48 0.00	11.18 0.80 0.00	14.73 1.02 0.00	9.18 0.68 0.00	7.60 0.60 0.33	3.02 0.22 0.00	7.85 0.58 0.00	3.36 0.28 0.00	6.77 0.50 -0.01	4.93 0.35 0.00	18.53 1.22 0.00	18.82 1.12 0.00	23.43 1.24 0.00	25.54 1.30 0.00	19.31 1.04 0.00	8.16 0.46 0.00	4.69 0.31 0.00
GOWANUS_GT1_3 24079	14.95 1.08 0.00	9.71 0.76 -0.01	8.50 0.66 0.00	8.28 0.60 0.00	10.16 0.72 0.00	5.07 0.37 0.00	1.67 0.12 0.00	6.90 0.48 0.00	11.18 0.80 0.00	14.73 1.02 0.00	9.18 0.68 0.00	7.60 0.60 0.33	3.02 0.22 0.00	7.85 0.58 0.00	3.36 0.28 0.00	6.77 0.50 -0.01	4.93 0.35 0.00	18.53 1.22 0.00	18.82 1.12 0.00	23.43 1.24 0.00	25.54 1.30 0.00	19.31 1.04 0.00	8.16 0.46 0.00	4.69 0.31 0.00
GOWANUS_GT1_4 24080	14.95 1.08 0.00	9.71 0.76 -0.01	8.50 0.66 0.00	8.28 0.60 0.00	10.16 0.72 0.00	5.07 0.37 0.00	1.67 0.12 0.00	6.90 0.48 0.00	11.18 0.80 0.00	14.73 1.02 0.00	9.18 0.68 0.00	7.60 0.60 0.33	3.02 0.22 0.00	7.85 0.58 0.00	3.36 0.28 0.00	6.77 0.50 -0.01	4.93 0.35 0.00	18.53 1.22 0.00	18.82 1.12 0.00	23.43 1.24 0.00	25.54 1.30 0.00	19.31 1.04 0.00	8.16 0.46 0.00	4.69 0.31 0.00
GOWANUS_GT1_5 24084	14.95 1.08 0.00	9.71 0.76 -0.01	8.50 0.66 0.00	8.28 0.60 0.00	10.16 0.72 0.00	5.07 0.37 0.00	1.67 0.12 0.00	6.90 0.48 0.00	11.18 0.80 0.00	14.73 1.02 0.00	9.18 0.68 0.00	7.60 0.60 0.33	3.02 0.22 0.00	7.85 0.58 0.00	3.36 0.28 0.00	6.77 0.50 -0.01	4.93 0.35 0.00	18.53 1.22 0.00	18.82 1.12 0.00	23.43 1.24 0.00	25.54 1.30 0.00	19.31 1.04 0.00	8.16 0.46 0.00	4.69 0.31 0.00
GOWANUS_GT1_6 24111	14.95 1.08 0.00	9.71 0.76 -0.01	8.50 0.66 0.00	8.28 0.60 0.00	10.16 0.72 0.00	5.07 0.37 0.00	1.67 0.12 0.00	6.90 0.48 0.00	11.18 0.80 0.00	14.73 1.02 0.00	9.18 0.68 0.00	7.60 0.60 0.33	3.02 0.22 0.00	7.85 0.58 0.00										

GOWANUS_GT2_6 24119	14.95 <u>1.08</u> -0.01	9.71 <u>0.76</u> -0.01	8.50 <u>0.66</u> 0.00	8.28 <u>0.60</u> 0.00	10.16 <u>0.72</u> 0.00	5.07 <u>0.37</u> 0.00	1.67 <u>0.12</u> 0.00	6.90 <u>0.48</u> 0.00	11.18 <u>0.80</u> 0.00	14.73 <u>1.02</u> 0.00	9.18 <u>0.68</u> 0.00	7.60 <u>0.60</u> 0.33	3.02 <u>0.22</u> 0.00	7.85 <u>0.58</u> 0.00	3.36 <u>0.28</u> 0.00	6.77 <u>0.50</u> -0.01	4.93 <u>0.35</u> 0.00	18.53 <u>1.21</u> 0.00	18.82 <u>1.12</u> 0.00	23.43 <u>1.24</u> 0.00	25.54 <u>1.30</u> 0.00	19.31 <u>1.04</u> 0.00	8.16 <u>0.46</u> 0.00	4.69 <u>0.31</u> 0.00
GOWANUS_GT2_7 24120	14.95 <u>1.08</u> -0.01	9.71 <u>0.76</u> -0.01	8.50 <u>0.66</u> 0.00	8.28 <u>0.60</u> 0.00	10.16 <u>0.72</u> 0.00	5.07 <u>0.37</u> 0.00	1.67 <u>0.12</u> 0.00	6.90 <u>0.48</u> 0.00	11.18 <u>0.80</u> 0.00	14.73 <u>1.02</u> 0.00	9.18 <u>0.68</u> 0.00	7.60 <u>0.60</u> 0.33	3.02 <u>0.22</u> 0.00	7.85 <u>0.58</u> 0.00	3.36 <u>0.28</u> 0.00	6.77 <u>0.50</u> -0.01	4.93 <u>0.35</u> 0.00	18.53 <u>1.21</u> 0.00	18.82 <u>1.12</u> 0.00	23.43 <u>1.24</u> 0.00	25.54 <u>1.30</u> 0.00	19.31 <u>1.04</u> 0.00	8.16 <u>0.46</u> 0.00	4.69 <u>0.31</u> 0.00
GOWANUS_GT2_8 24121	14.95 <u>1.08</u> -0.01	9.71 <u>0.76</u> -0.01	8.50 <u>0.66</u> 0.00	8.28 <u>0.60</u> 0.00	10.16 <u>0.72</u> 0.00	5.07 <u>0.37</u> 0.00	1.67 <u>0.12</u> 0.00	6.90 <u>0.48</u> 0.00	11.18 <u>0.80</u> 0.00	14.73 <u>1.02</u> 0.00	9.18 <u>0.68</u> 0.00	7.60 <u>0.60</u> 0.33	3.02 <u>0.22</u> 0.00	7.85 <u>0.58</u> 0.00	3.36 <u>0.28</u> 0.00	6.77 <u>0.50</u> -0.01	4.93 <u>0.35</u> 0.00	18.53 <u>1.21</u> 0.00	18.82 <u>1.12</u> 0.00	23.43 <u>1.24</u> 0.00	25.54 <u>1.30</u> 0.00	19.31 <u>1.04</u> 0.00	8.16 <u>0.46</u> 0.00	4.69 <u>0.31</u> 0.00
GOWANUS_GT3_1 24122	14.95 <u>1.08</u> -0.01	9.71 <u>0.76</u> -0.01	8.50 <u>0.66</u> 0.00	8.28 <u>0.60</u> 0.00	10.16 <u>0.72</u> 0.00	5.07 <u>0.37</u> 0.00	1.67 <u>0.12</u> 0.00	6.90 <u>0.48</u> 0.00	11.18 <u>0.80</u> 0.00	14.73 <u>1.02</u> 0.00	9.18 <u>0.68</u> 0.00	7.60 <u>0.60</u> 0.33	3.02 <u>0.22</u> 0.00	7.85 <u>0.58</u> 0.00	3.36 <u>0.28</u> 0.00	6.77 <u>0.50</u> -0.01	4.93 <u>0.35</u> 0.00	18.53 <u>1.21</u> 0.00	18.82 <u>1.12</u> 0.00	23.43 <u>1.24</u> 0.00	25.54 <u>1.30</u> 0.00	19.31 <u>1.04</u> 0.00	8.16 <u>0.46</u> 0.00	4.69 <u>0.31</u> 0.00
GOWANUS_GT3_2 24123	14.95 <u>1.08</u> -0.01	9.71 <u>0.76</u> -0.01	8.50 <u>0.66</u> 0.00	8.28 <u>0.60</u> 0.00	10.16 <u>0.72</u> 0.00	5.07 <u>0.37</u> 0.00	1.67 <u>0.12</u> 0.00	6.90 <u>0.48</u> 0.00	11.18 <u>0.80</u> 0.00	14.73 <u>1.02</u> 0.00	9.18 <u>0.68</u> 0.00	7.60 <u>0.60</u> 0.33	3.02 <u>0.22</u> 0.00	7.85 <u>0.58</u> 0.00	3.36 <u>0.28</u> 0.00	6.77 <u>0.50</u> -0.01	4.93 <u>0.35</u> 0.00	18.53 <u>1.21</u> 0.00	18.82 <u>1.12</u> 0.00	23.43 <u>1.24</u> 0.00	25.54 <u>1.30</u> 0.00	19.31 <u>1.04</u> 0.00	8.16 <u>0.46</u> 0.00	4.69 <u>0.31</u> 0.00
GOWANUS_GT3_3 24124	14.95 <u>1.08</u> -0.01	9.71 <u>0.76</u> -0.01	8.50 <u>0.66</u> 0.00	8.28 <u>0.60</u> 0.00	10.16 <u>0.72</u> 0.00	5.07 <u>0.37</u> 0.00	1.67 <u>0.12</u> 0.00	6.90 <u>0.48</u> 0.00	11.18 <u>0.80</u> 0.00	14.73 <u>1.02</u> 0.00	9.18 <u>0.68</u> 0.00	7.60 <u>0.60</u> 0.33	3.02 <u>0.22</u> 0.00	7.85 <u>0.58</u> 0.00	3.36 <u>0.28</u> 0.00	6.77 <u>0.50</u> -0.01	4.93 <u>0.35</u> 0.00	18.53 <u>1.21</u> 0.00	18.82 <u>1.12</u> 0.00	23.43 <u>1.24</u> 0.00	25.54 <u>1.30</u> 0.00	19.31 <u>1.04</u> 0.00	8.16 <u>0.46</u> 0.00	4.69 <u>0.31</u> 0.00
GOWANUS_GT3_4 24125	14.95 <u>1.08</u> -0.01	9.71 <u>0.76</u> -0.01	8.50 <u>0.66</u> 0.00	8.28 <u>0.60</u> 0.00	10.16 <u>0</u>																			

GOWANUS_GT4_5 24134	14.95 1.08 0.00	9.71 0.76 -0.01	8.50 0.66 0.00	8.28 0.60 0.00	10.16 0.72 0.00	5.07 0.37 0.00	1.67 0.12 0.00	6.90 0.48 0.00	11.18 0.80 0.00	14.73 1.02 0.00	9.18 0.68 0.00	7.60 0.60 0.33	3.02 0.22 0.00	7.85 0.58 0.00	3.36 0.28 0.00	6.77 0.50 -0.01	4.93 0.35 0.00	18.53 1.22 0.00	18.82 1.12 0.00	23.43 1.24 0.00	25.54 1.30 0.00	19.31 1.04 0.00	8.16 0.46 0.00	4.69 0.31 0.00
GOWANUS_GT4_6 24135	14.95 1.08 0.00	9.71 0.76 -0.01	8.50 0.66 0.00	8.28 0.60 0.00	10.16 0.72 0.00	5.07 0.37 0.00	1.67 0.12 0.00	6.90 0.48 0.00	11.18 0.80 0.00	14.73 1.02 0.00	9.18 0.68 0.00	7.60 0.60 0.33	3.02 0.22 0.00	7.85 0.58 0.00	3.36 0.28 0.00	6.77 0.50 -0.01	4.93 0.35 0.00	18.53 1.22 0.00	18.82 1.12 0.00	23.43 1.24 0.00	25.54 1.30 0.00	19.31 1.04 0.00	8.16 0.46 0.00	4.69 0.31 0.00
GOWANUS_GT4_7 24136	14.95 1.08 0.00	9.71 0.76 -0.01	8.50 0.66 0.00	8.28 0.60 0.00	10.16 0.72 0.00	5.07 0.37 0.00	1.67 0.12 0.00	6.90 0.48 0.00	11.18 0.80 0.00	14.73 1.02 0.00	9.18 0.68 0.00	7.60 0.60 0.33	3.02 0.22 0.00	7.85 0.58 0.00	3.36 0.28 0.00	6.77 0.50 -0.01	4.93 0.35 0.00	18.53 1.22 0.00	18.82 1.12 0.00	23.43 1.24 0.00	25.54 1.30 0.00	19.31 1.04 0.00	8.16 0.46 0.00	4.69 0.31 0.00
GOWANUS_GT4_8 24137	14.95 1.08 0.00	9.71 0.76 -0.01	8.50 0.66 0.00	8.28 0.60 0.00	10.16 0.72 0.00	5.07 0.37 0.00	1.67 0.12 0.00	6.90 0.48 0.00	11.18 0.80 0.00	14.73 1.02 0.00	9.18 0.68 0.00	7.60 0.60 0.33	3.02 0.22 0.00	7.85 0.58 0.00	3.36 0.28 0.00	6.77 0.50 -0.01	4.93 0.35 0.00	18.53 1.22 0.00	18.82 1.12 0.00	23.43 1.24 0.00	25.54 1.30 0.00	19.31 1.04 0.00	8.16 0.46 0.00	4.69 0.31 0.00
GREATVRV_69_KV_BK1 356245	15.17 1.30 0.00	9.88 0.94 0.00	8.66 0.82 0.00	8.42 0.74 0.00	10.29 0.84 0.00	5.17 0.47 0.00	1.70 0.15 0.00	7.00 0.58 0.00	8.60 0.91 2.69	12.42 1.13 2.41	12.85 0.84 -3.51	11.08 0.79 -2.97	-4.53 0.29 7.63	1.25 0.74 6.76	4.12 0.36 -0.69	20.01 0.65 -13.10	17.99 0.48 -12.93	26.55 1.65 -7.57	79.84 1.70 -60.44	31.34 1.83 -7.33	42.89 2.00 -16.65	26.56 1.55 -6.74	25.86 0.70 -17.47	10.41 0.45 -5.59
GREENBSH_115KV_TB3 55895	14.25 0.38 0.00	9.26 0.32 0.00	8.11 0.27 0.00	7.94 0.26 0.00	9.76 0.31 0.00	4.86 0.15 0.00	1.60 0.05 0.00	6.59 0.17 0.00	10.66 0.28 0.00	14.00 0.29 0.00	8.64 0.15 0.00	7.11 0.14 0.36	2.85 0.04 0.00	7.37 0.10 0.00	3.13 0.05 0.00	6.34 0.07 0.00	4.64 0.06 0.00	17.45 0.13 0.00	17.81 0.12 0.00	22.31 0.12 0.00	24.35 0.11 0.00	18.40 0.13 0.00	7.81 0.12 0.00	4.48 0.10 0.00
GREENDGE_115KV_TB5 80291	13.80 -0.06 0.00	8.83 -0.11 0.00	7.77 -0.07 0.00	7.65 -0.03 0.00	9.44 -0.02 0.00	4.72 0.02 0.00	1.56 0.01 0.00	6.39 -0.03 0.00	13.80 -0.13 -3.55	22.97 -0.26 -9.52	14.50 -0.12 -6.13	15.55 -0.17 -8.40	6.26 -0.08 -3.54	12.61 -0.23 -5.57	3.01 -0.07 0.00	6.17 -0.10 0.00	4.48 -0.10 0.00	16.90 -0.42 0.00	17.22 -0.47 0.00	21.68 -0.50 0.00	23.76 -0.48 0.00	17.88 -0.39 0.00	7.55 -0.15 0.00	4.35 -0.03 0.00
GREENIDGE___3 23582	13.80 -0.06 0.00	8.83 -0.11 0.00	7.77 -0.07 0.00	7.65 -0.03 0.00	9.44 -0.02 0.00	4.72 0.02 0.00	1.56 0.01 0.00	6.39 -0.03 0.00	13.80 -0.13 -3.55	22.97 -0.26 -9.52	14.50 -0.12 -6.13	15.55 -0.17 -8.40	6.26 -0.08 -3.54	12.61 -0.23 -5.57	3.01 -0.07 0.00	6.17 -0.10 0.00	4.48 -0.10 0.00	16.90 -0.42 0.00	17.22 -0.47 0.00	21.68 -0.50 0.00	23.76 -0.48 0.00	17.88 -0.39 0.00	7.55 -0.15 0.00	4.35 -0.03 0.00
GREENIDGE___4 23583	13.80 -0.06 0.00	8.83 -0.11 0.00	7.77 -0.07 0.00	7.65 -0.03 0.00	9.44 -0.02 0.00	4.72 0.02 0.00	1.56 0.01 0.00	6.39 -0.03 0.00	13.80 -0.13 -3.55	22.96 -0.27 -9.52	14.50 -0.12 -6.13	15.55 -0.17 -8.40	6.26 -0.08 -3.54	12.61 -0.23 -5.57	3.00 -0.08 0.00	6.17 -0.10 0.00	4.48 -0.10 0.00	16.90 -0.42 0.00	17.22 -0.48 0.00	21.68 -0.50 0.00	23.76 -0.48 0.00	17.88 -0.39 0.00	7.55 -0.15 0.00	4.35 -0.03 0.00
GREENLWN_69_KV_BK 3 55738	14.82 0.96 0.00	9.67 0.73 0.00	8.48 0.64 0.00	8.25 0.57 0.00	10.08 0.63 0.00	5.06 0.36 0.00	1.67 0.12 0.00	6.86 0.44 0.00	7.85 0.69 3.22	11.41 0.83 3.12	11.50 0.65 -2.36	9.99 0.62 -2.04	-6.09 0.22 9.12	-0.40 0.59 8.25	2.54 0.29 0.83	18.39 0.50 -11.62	16.57 0.38 -11.62	24.92 1.24 -6.36	70.58 1.24 -51.64	29.18 1.23 -5.76	40.47 1.23 -15.00	25.30 0.97 -6.06	24.27 0.48 -16.10	9.42 0.33 -4.71
GREENWD_138_KV_38B11_REV_LBMP_J 345004	14.95 1.08 0.00	9.71 0.76 -0.01	8.50 0.66 0.00	8.28 0.60 0.00	10.16 0.72 0.00	5.07 0.37 0.00	1.67 0.12 0.00	6.90 0.48 0.00	11.18 0.80 0.00	14.73 1.02 0.00	9.18 0.68 0.00	7.60 0.60 0.33	3.02 0.22 0.00	7.85 0.58 0.00	3.36 0.28 0.00	6.77 0.50 -0.01	4.93 0.35 0.00	18.53 1.22 0.00	18.82 1.12 0.00	23.43 1.24 0.00	25.54 1.30 0.00	19.31 1.04 0.00	8.16 0.46 0.00	4.69 0.31 0.00
GRISSOM___SOLAR 323813	14.58 0.71 0.00	9.40 0.47 0.00	8.25 0.41 0.00	8.08 0.40 0.00	9.95 0.50 0.00	4.95 0.25 0.00	1.61 0.06 0.00	6.64 0.22 0.00	10.77 0.38 0.00	14.14 0.43 0.00	8.70 0.20 0.00	6.98 0.03 0.37	2.80 -0.01 0.00	7.32 0.04 0.00	3.07 -0.01 0.00	6.36 0.10 0.00	4.66 0.08 0.00	17.42 0.10 0.00	17.90 0.20 0.00	22.96 0.78 0.00	25.36 1.12 0.00	19.12 0.85 0.00	8.07 0.38 0.00	4.61 0.23 0.00
GROVEVILLE___HYD 323602	14.82 0.95 0.00	9.61 0.67 0.00	8.41 0.58 0.00	8.22 0.54 0.00	10.09 0.64 0.00	5.04 0.33 0.00	1.66 0.11 0.00	6.85 0.43 0.00	11.08 0.71 0.00	14.61 0.89 0.00	9.08 0.58 0.00	7.50 0.51 0.33	2.98 0.18 0.00	7.75 0.47 0.00	3.31 0.23 0.00	6.69 0.42 0.00	4.89 0.31 0.00	18.44 1.13 0.00	18.76 1.07 0.00	23.41 1.23 0.00	25.53 1.30 0.00	19.30 1.02 0.00	8.15 0.45 0.00	4.67 0.30 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	13.89 0.03 0.00	8.94 0.00 0.00	7.85 0.01 0.00	7.70 0.02 0.00	9.48 0.03 0.00	4.72 0.02 0.00	1.56 0.01 0.00	6.42 0.00 0.00	10.36 -0.02 0.00	13.69 -0.02 0.00	8.48 -0.01 0.00	6.85 -0.05 0.43	2.78 -0.03 0.00	7.20 -0.07 0.00	3.05 -0.02 0.00	6.23 -0.04 0.00	4.54 -0.04 0.00	17.15 -0.17 0.00	17.47 -0.22 0.00	21.91 -0.27 0.00	23.95 -0.28 0.00	18.06 -0.21 0.00	7.62 -0.07 0.00	4.36 -0.02 0.00
HAMLTNNY_34_KV_TB 80303	13.85 -0.01 0.00	8.92 -0.03 0.00	7.83 -0.01 0.00	7.69 0.01 0.00	9.47 0.02 0.00	4.72 0.02 0.00	1.56 0.01 0.00	6.41 -0.01 0.00	10.33 -0.05 0.00	13.67 -0.04 0.00	8.47 -0.03 0.00	6.87 -0.06 0.40	2.77 -0.03 0.00	7.20 -0.08 0.00	3.05 -0.03 0.00	6.22 -0.05 0.00	4.53 -0.05 0.00	17.08 -0.24 0.00	17.41 -0.29 0.00	21.84 -0.34 0.00	23.86 -0.37 0.00	17.97 -0.30 0.00	7.58 -0.11 0.00	4.34 -0.03 0.00

HAMPSHIRE___PAPER_HYD 323593	13.33 -0.53 0.00	8.56 -0.38 0.00	7.50 -0.33 0.00	7.38 -0.31 0.00	9.14 -0.31 0.00	4.54 -0.16 0.00	1.50 -0.05 0.00	6.23 -0.19 0.00	10.11 -0.27 0.00	13.22 -0.49 0.00	8.12 -0.38 0.00	5.37 -0.38 1.58	2.67 -0.14 0.00	6.91 -0.37 0.00	2.94 -0.14 0.00	5.90 -0.36 0.00	4.35 -0.22 0.00	16.63 -0.69 0.00	17.24 -0.45 0.00	21.94 -0.24 0.00	24.21 -0.03 0.00	18.13 -0.14 0.00	7.59 -0.10 0.00	4.33 -0.04 0.00
HARDSCRABBLE_WT_PWR 323673	14.07 0.20 0.00	9.12 0.17 0.00	8.00 0.16 0.00	7.81 0.12 0.00	9.60 0.15 0.00	4.78 0.08 0.00	1.57 0.02 0.00	6.46 0.04 0.00	10.45 0.07 0.00	13.67 -0.05 0.00	8.46 -0.03 0.00	6.54 -0.13 0.65	2.73 -0.07 0.00	7.10 -0.17 0.00	3.01 -0.07 0.00	6.17 -0.10 0.00	4.51 -0.07 0.00	17.01 -0.31 0.00	17.42 -0.28 0.00	22.00 -0.18 0.00	24.22 -0.01 0.00	18.41 0.14 0.00	7.78 0.09 0.00	4.45 0.08 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	14.71 0.85 0.00	9.53 0.58 0.00	8.34 0.50 0.00	8.14 0.46 0.00	9.98 0.53 0.00	4.98 0.28 0.00	1.64 0.09 0.00	6.78 0.36 0.00	10.96 0.58 0.00	14.44 0.73 0.00	8.98 0.49 0.00	7.43 0.43 0.32	2.96 0.15 0.00	7.68 0.41 0.00	3.28 0.20 0.00	6.64 0.38 0.00	4.86 0.28 0.00	18.31 1.00 0.00	18.61 0.92 0.00	23.20 1.02 0.00	25.31 1.07 0.00	19.12 0.85 0.00	8.06 0.37 0.00	4.64 0.26 0.00
HARSNRAD_115KV_TB1 81005	13.46 -0.40 0.00	8.52 -0.42 0.00	7.54 -0.29 0.00	7.48 -0.20 0.00	9.22 -0.23 0.00	4.61 -0.10 0.00	1.52 -0.03 0.00	6.25 -0.17 0.00	7.88 -0.39 2.11	7.59 -0.47 5.65	4.63 -0.23 3.64	1.55 -0.28 5.49	0.58 -0.12 2.10	3.66 -0.31 3.30	2.90 -0.18 0.00	5.99 -0.27 0.00	4.26 -0.32 0.00	16.08 -1.24 0.00	16.46 -1.24 0.00	20.79 -1.39 0.00	22.67 -1.56 0.00	16.84 -1.43 0.00	7.12 -0.57 0.00	4.16 -0.22 0.00
HARZA MOOSE___RIVER 24016	13.90 0.04 0.00	8.94 0.00 0.00	7.84 0.01 0.00	7.70 0.02 0.00	9.50 0.05 0.00	4.72 0.02 0.00	1.56 0.01 0.00	6.43 0.02 0.00	10.43 0.05 0.00	13.68 -0.04 0.00	8.42 -0.08 0.00	6.33 -0.16 0.84	2.72 -0.08 0.00	7.04 -0.23 0.00	2.99 -0.09 0.00	6.04 -0.22 0.00	4.46 -0.12 0.00	16.92 -0.39 0.00	17.44 -0.25 0.00	22.15 -0.03 0.00	24.43 0.20 0.00	18.32 0.06 0.00	7.74 0.05 0.00	4.45 0.07 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	13.87 0.00 0.00	8.93 -0.01 0.00	7.84 0.00 0.00	7.69 0.01 0.00	9.47 0.02 0.00	4.72 0.02 0.00	1.56 0.00 0.00	6.41 -0.01 0.00	10.36 -0.02 0.00	13.67 -0.04 0.00	8.47 -0.02 0.00	6.82 -0.06 0.45	2.77 -0.03 0.00	7.19 -0.08 0.00	3.05 -0.03 0.00	6.21 -0.06 0.00	4.53 -0.05 0.00	17.10 -0.22 0.00	17.42 -0.28 0.00	21.84 -0.34 0.00	23.88 -0.36 0.00	18.01 -0.27 0.00	7.60 -0.09 0.00	4.36 -0.02 0.00
HELLGATE_13_KV_LD 55870	14.99 1.13 0.00	9.73 0.79 -0.01	8.52 0.68 0.00	8.30 0.63 0.00	10.18 0.73 0.00	5.08 0.38 0.00	1.68 0.12 0.00	6.92 0.50 0.00	11.20 0.82 0.00	14.78 1.07 0.00	9.20 0.71 0.00	7.62 0.63 0.33	3.03 0.23 0.00	7.87 0.60 0.00	3.37 0.29 0.00	6.79 0.52 -0.01	4.94 0.36 0.00	18.60 1.28 0.00	18.88 1.18 0.00	23.50 1.32 0.00	25.62 1.38 0.00	19.37 1.10 0.00	8.18 0.49 0.00	4.70 0.33 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	14.99 1.13 0.00	9.73 0.79 -0.01	8.52 0.68 0.00	8.30 0.63 0.00	10.18 0.73 0.00	5.08 0.38 0.00	1.68 0.12 0.00	6.92 0.50 0.00	11.20 0.82 0.00	14.78 1.07 0.00	9.20 0.71 0.00	7.62 0.63 0.33	3.03 0.23 0.00	7.87 0.60 0.00	3.37 0.29 0.00	6.79 0.52 -0.01	4.94 0.36 0.00	18.60 1.28 0.00	18.88 1.18 0.00	23.50 1.32 0.00	25.62 1.38 0.00	19.37 1.10 0.00	8.18 0.49 0.00	4.70 0.33 0.00
HEMPSTEAD___ 23647	14.90 1.03 0.00	9.71 0.76 0.00	8.50 0.66 0.00	8.28 0.60 0.00	10.13 0.68 0.00	5.07 0.37 0.00	1.67 0.12 0.00	6.89 0.47 0.00	21.13 0.76 -9.99	29.59 0.97 -14.91	40.87 0.69 -31.69	34.24 0.63 -26.28	30.82 0.23 -27.79	36.58 0.59 -28.71	41.14 0.29 -37.77	61.25 0.51 -54.47	54.96 0.37 -50.01	59.14 1.29 -40.53	318.39 1.30 -299.39	74.23 1.34 -50.70	95.35 1.44 -69.68	48.30 1.13 -28.90	71.18 0.53 -62.96	38.12 0.35 -33.40
HICKLING___1 23621	13.81 -0.05 0.00	8.83 -0.11 0.00	7.78 -0.06 0.00	7.66 -0.02 0.00	9.45 0.00 0.00	4.74 0.04 0.00	1.57 0.02 0.00	6.41 -0.01 0.00	11.47 -0.08 -1.17	16.58 -0.26 -3.13	10.42 -0.09 -2.01	9.43 -0.16 -2.27	3.89 -0.08 -1.16	8.89 -0.21 -1.83	3.00 -0.08 0.00	6.18 -0.09 0.00	4.47 -0.11 0.00	16.89 -0.42 0.00	17.16 -0.54 0.00	21.56 -0.62 0.00	23.64 -0.59 0.00	17.84 -0.43 0.00	7.55 -0.14 0.00	4.37 -0.01 0.00
HICKLING___2 23622	13.81 -0.05 0.00	8.83 -0.11 0.00	7.78 -0.06 0.00	7.66 -0.02 0.00	9.45 0.00 0.00	4.74 0.04 0.00	1.57 0.02 0.00	6.41 -0.01 0.00	11.47 -0.08 -1.17	16.58 -0.26 -3.13	10.42 -0.09 -2.01	9.43 -0.16 -2.27	3.89 -0.08 -1.16	8.89 -0.21 -1.83	3.00 -0.08 0.00	6.18 -0.09 0.00	4.47 -0.11 0.00	16.89 -0.42 0.00	17.16 -0.54 0.00	21.56 -0.62 0.00	23.64 -0.59 0.00	17.84 -0.43 0.00	7.55 -0.14 0.00	4.37 -0.01 0.00
HIGH FALLS___HY 23754	14.79 0.93 0.00	9.57 0.63 0.00	8.38 0.54 0.00	8.18 0.50 0.00	10.03 0.59 0.00	5.01 0.31 0.00	1.65 0.10 0.00	6.82 0.40 0.00	11.04 0.66 0.00	14.56 0.85 0.00	9.03 0.54 0.00	7.49 0.49 0.33	2.97 0.16 0.00	7.73 0.46 0.00	3.29 0.21 0.00	6.68 0.42 0.00	4.90 0.32 0.00	18.43 1.12 0.00	18.76 1.07 0.00	23.42 1.23 0.00	25.53 1.30 0.00	19.30 1.03 0.00	8.13 0.44 0.00	4.67 0.29 0.00
HIGH_RIVER___SOLAR 323847	14.43 0.57 0.00	9.33 0.38 0.00	8.18 0.34 0.00	8.01 0.33 0.00	9.86 0.41 0.00	4.91 0.20 0.00	1.61 0.06 0.00	6.62 0.20 0.00	10.69 0.30 0.00	14.06 0.35 0.00	8.67 0.18 0.00	7.02 0.07 0.37	2.81 0.01 0.00	7.30 0.03 0.00	3.11 0.03 0.00	6.35 0.08 0.00	4.65 0.07 0.00	17.53 0.21 0.00	18.00 0.30 0.00	22.74 0.56 0.00	24.98 0.74 0.00	18.86 0.59 0.00	7.96 0.27 0.00	4.55 0.18 0.00
HILLBURN___GT 23639	14.70 0.84 0.00	9.52 0.58 0.00	8.33 0.49 0.00	8.13 0.45 0.00	9.96 0.51 0.00	4.98 0.27 0.00	1.64 0.09 0.00	6.76 0.35 0.00	10.94 0.55 0.00	14.41 0.70 0.00	8.96 0.47 0.00	7.42 0.42 0.32	2.95 0.15 0.00	7.68 0.40 0.00	3.29 0.21 0.00	6.64 0.38 0.00	4.85 0.27 0.00	18.29 0.98 0.00	18.58 0.89 0.00	23.14 0.96 0.00	25.23 0.99 0.00	19.07 0.80 0.00	8.04 0.35 0.00	4.63 0.26 0.00
HILLSIDE_115KV_TB1 80332	13.71 -0.16 0.00	8.78 -0.16 0.00	7.73 -0.11 0.00	7.60 -0.08 0.00	9.36 -0.08 0.00	4.69 -0.01 0.00	1.55 0.00 0.00	6.37 -0.04 0.00	11.30 -0.08 -1.00	16.16 -0.22 -2.67	10.15 -0.07 -1.72	9.12 -0.14 -1.94	3.73 -0.07 -0.99	8.65 -0.19 -1.57	2.99 -0.09 0.00	6.14 -0.13 0.00	4.46 -0.11 0.00	16.79 -0.53 0.00	17.01 -0.69 0.00	21.33 -0.85 0.00	23.40 -0.84 0.00	17.63 -0.64 0.00	7.46 -0.23 0.00	4.32 -0.06 0.00

HISHELDN_WT_PWR 323625	13.43 -0.43 0.00	8.53 -0.41 0.00	7.56 -0.28 0.00	7.49 -0.19 0.00	9.25 -0.20 0.00	4.63 -0.07 0.00	1.52 -0.03 0.00	6.22 -0.20 0.00	1.68 -0.46 8.24	-9.09 -0.72 22.07	-6.10 -0.39 14.21	-14.31 -0.41 21.22	-5.58 -0.18 8.20	-6.10 -0.46 12.91	2.87 -0.21 0.00	5.94 -0.33 0.00	4.23 -0.34 0.00	16.06 -1.26 0.00	16.43 -1.26 0.00	20.81 -1.37 0.00	22.84 -1.39 0.00	17.12 -1.15 0.00	7.24 -0.45 0.00	4.22 -0.16 0.00
HOLTSVILLE_IC_1 23690	15.00 1.14 0.00	9.78 0.84 0.00	8.58 0.74 0.00	8.35 0.67 0.00	10.19 0.75 0.00	5.12 0.42 0.00	1.69 0.14 0.00	6.94 0.52 0.00	6.98 0.81 4.22	10.22 0.98 4.47	9.39 0.75 -0.16	8.25 0.70 -0.23	-8.83 0.26 11.90	-3.10 0.67 11.04	-0.33 0.32 3.73	15.29 0.58 -8.45	13.79 0.44 -8.78	22.57 1.42 -3.83	52.43 1.44 -33.30	26.05 1.50 -2.37	36.56 1.65 -10.67	23.80 1.29 -4.24	20.70 0.60 -12.40	7.33 0.40 -2.56
HOLTSVILLE_IC_10 23699	15.06 1.19 0.00	9.82 0.88 0.00	8.61 0.78 0.00	8.37 0.69 0.00	10.22 0.77 0.00	5.14 0.44 0.00	1.69 0.14 0.00	6.96 0.55 0.00	7.36 0.84 3.86	10.75 1.02 3.99	10.22 0.78 -0.95	8.93 0.73 -0.88	-7.82 0.27 10.89	-2.07 0.69 10.03	0.72 0.33 2.69	16.42 0.60 -9.56	14.80 0.46 -9.77	23.53 1.49 -4.72	58.96 1.52 -39.74	27.33 1.61 -3.54	38.04 1.80 -12.01	24.47 1.39 -4.80	21.87 0.65 -13.53	8.03 0.42 -3.24
HOLTSVILLE_IC_2 23691	15.00 1.14 0.00	9.78 0.84 0.00	8.58 0.74 0.00	8.35 0.67 0.00	10.19 0.75 0.00	5.12 0.42 0.00	1.69 0.14 0.00	6.94 0.52 0.00	6.98 0.81 4.22	10.22 0.98 4.47	9.39 0.75 -0.16	8.25 0.70 -0.23	-8.83 0.26 11.90	-3.10 0.67 11.04	-0.33 0.32 3.73	15.29 0.58 -8.45	13.79 0.44 -8.78	22.57 1.42 -3.83	52.43 1.44 -33.30	26.05 1.50 -2.37	36.56 1.65 -10.67	23.80 1.29 -4.24	20.70 0.60 -12.40	7.33 0.40 -2.56
HOLTSVILLE_IC_3 23692	15.00 1.14 0.00	9.78 0.84 0.00	8.58 0.74 0.00	8.35 0.67 0.00	10.19 0.75 0.00	5.12 0.42 0.00	1.69 0.14 0.00	6.94 0.52 0.00	6.98 0.81 4.22	10.22 0.98 4.47	9.39 0.75 -0.16	8.25 0.70 -0.23	-8.83 0.26 11.90	-3.10 0.67 11.04	-0.33 0.32 3.73	15.29 0.58 -8.45	13.79 0.44 -8.78	22.57 1.42 -3.83	52.43 1.44 -33.30	26.05 1.50 -2.37	36.56 1.65 -10.67	23.80 1.29 -4.24	20.70 0.60 -12.40	7.33 0.40 -2.56
HOLTSVILLE_IC_4 23693	15.00 1.14 0.00	9.78 0.84 0.00	8.58 0.74 0.00	8.35 0.67 0.00	10.19 0.75 0.00	5.12 0.42 0.00	1.69 0.14 0.00	6.94 0.52 0.00	6.98 0.81 4.22	10.22 0.98 4.47	9.39 0.75 -0.16	8.25 0.70 -0.23	-8.83 0.26 11.90	-3.10 0.67 11.04	-0.33 0.32 3.73	15.29 0.58 -8.45	13.79 0.44 -8.78	22.57 1.42 -3.83	52.43 1.44 -33.30	26.05 1.50 -2.37	36.56 1.65 -10.67	23.80 1.29 -4.24	20.70 0.60 -12.40	7.33 0.40 -2.56
HOLTSVILLE_IC_5 23694	15.00 1.14 0.00	9.78 0.84 0.00	8.58 0.74 0.00	8.35 0.67 0.00	10.19 0.75 0.00	5.12 0.42 0.00	1.69 0.14 0.00	6.94 0.52 0.00	6.98 0.81 4.22	10.22 0.98 4.47	9.39 0.75 -0.16	8.25 0.70 -0.23	-8.83 0.26 11.90	-3.10 0.67 11.04	-0.33 0.32 3.73	15.29 0.58 -8.45	13.79 0.44 -8.78	22.57 1.42 -3.83	52.43 1.44 -33.30	26.05 1.50 -2.37	36.56 1.65 -10.67	23.80 1.29 -4.24	20.70 0.60 -12.40	7.33 0.40 -2.56
HOLTSVILLE_IC_6 23695	15.06 1.19 0.00	9.82 0.88 0.00	8.61 0.78 0.00	8.37 0.69 0.00	10.22 0.77 0.00	5.14 0.44 0.00	1.69 0.14 0.00	6.96 0.55 0.00	7.36 0.84 3.86	10.75 1.02 3.99	10.22 0.78 -0.95	8.93 0.73 -0.88	-7.82 0.27 10.89	-2.07 0.69 10.03	0.72 0.33 2.69	16.42 0.60 -9.56	14.80 0.46 -9.77	23.53 1.49 -4.72	58.96 1.52 -39.74	27.33 1.61 -3.54	38.04 1.80 -12.01	24.47 1.39 -4.80	21.87 0.65 -13.53	8.03 0.42 -3.24
HOLTSVILLE_IC_7 23696	15.06 1.19 0.00	9.82 0.88 0.00	8.61 0.78 0.00	8.37 0.69 0.00	10.22 0.77 0.00	5.14 0.44 0.00	1.69 0.14 0.00	6.96 0.55 0.00	7.36 0.84 3.86	10.75 1.02 3.99	10.22 0.78 -0.95	8.93 0.73 -0.88	-7.82 0.27 10.89	-2.07 0.69 10.03	0.72 0.33 2.69	16.42 0.60 -9.56	14.80 0.46 -9.77	23.53 1.49 -4.72	58.96 1.52 -39.74	27.33 1.61 -3.54	38.04 1.80 -12.01	24.47 1.39 -4.80	21.87 0.65 -13.53	8.03 0.42 -3.24
HOLTSVILLE_IC_8 23697	15.06 1.19 0.00	9.82 0.88 0.00	8.61 0.78 0.00	8.37 0.69 0.00	10.22 0.77 0.00	5.14 0.44 0.00	1.69 0.14 0.00	6.96 0.55 0.00	7.36 0.84 3.86	10.75 1.02 3.99	10.22 0.78 -0.95	8.93 0.73 -0.88	-7.82 0.27 10.89	-2.07 0.69 10.03	0.72 0.33 2.69	16.42 0.60 -9.56	14.80 0.46 -9.77	23.53 1.49 -4.72	58.96 1.52 -39.74	27.33 1.61 -3.54	38.04 1.80 -12.01	24.47 1.39 -4.80	21.87 0.65 -13.53	8.03 0.42 -3.24
HOLTSVILLE_IC_9 23698	15.06 1.19 0.00	9.82 0.88 0.00	8.61 0.78 0.00	8.37 0.69 0.00	10.22 0.77 0.00	5.14 0.44 0.00	1.69 0.14 0.00	6.96 0.55 0.00	7.36 0.84 3.86	10.75 1.02 3.99	10.22 0.78 -0.95	8.93 0.73 -0.88	-7.82 0.27 10.89	-2.07 0.69 10.03	0.72 0.33 2.69	16.42 0.60 -9.56	14.80 0.46 -9.77	23.53 1.49 -4.72	58.96 1.52 -39.74	27.33 1.61 -3.54	38.04 1.80 -12.01	24.47 1.39 -4.80	21.87 0.65 -13.53	8.03 0.42 -3.24
HOMER_HL_115KV_TB2 355744	13.88 0.01 0.00	8.83 -0.11 0.00	7.84 0.01 0.00	7.76 0.08 0.00	9.56 0.11 0.00	4.79 0.09 0.00	1.58 0.03 0.00	6.52 0.10 0.00	10.05 0.12 0.46	12.50 0.02 1.22	7.77 0.06 0.79	5.85 -0.04 1.44	2.31 -0.04 0.46	6.41 -0.15 0.72	2.98 -0.10 0.00	6.12 -0.14 0.00	4.39 -0.19 0.00	16.54 -0.78 0.00	16.81 -0.89 0.00	21.18 -1.00 0.00	23.23 -1.01 0.00	17.41 -0.86 0.00	7.37 -0.32 0.00	4.31 -0.07 0.00
HOWARD_WT_PWR 323690	13.28 -0.58 0.00	8.49 -0.45 0.00	7.47 -0.37 0.00	7.38 -0.30 0.00	9.14 -0.30 0.00	4.60 -0.10 0.00	1.52 -0.03 0.00	6.18 -0.24 0.00	17.36 -0.58 -7.56	32.84 -1.13 -20.25	20.91 -0.62 -13.04	25.14 -0.60 -18.42	10.09 -0.24 -7.53	18.46 -0.66 -11.85	2.86 -0.22 0.00	5.89 -0.38 0.00	4.28 -0.30 0.00	16.17 -1.15 0.00	16.49 -1.20 0.00	20.69 -1.49 0.00	22.91 -1.32 0.00	17.36 -0.92 0.00	7.35 -0.34 0.00	4.26 -0.12 0.00
HQ_GEN_CEDARS 23644	13.45 -0.42 0.00	8.64 -0.31 0.00	7.56 -0.28 0.00	7.42 -0.26 0.00	9.15 -0.30 0.00	4.55 -0.15 0.00	1.50 -0.05 0.00	6.26 -0.16 0.00	10.13 -0.25 0.00	13.36 -0.35 0.00	8.27 -0.22 0.00	4.78 -0.17 2.37	2.76 -0.04 0.00	7.21 -0.06 0.00	3.06 -0.02 0.00	6.16 -0.10 0.00	4.54 -0.04 0.00	17.28 -0.04 0.00	17.82 0.12 0.00	22.43 0.25 0.00	24.54 0.31 0.00	18.42 0.14 0.00	7.66 -0.04 0.00	4.32 -0.05 0.00
HQ_GEN_CEDARS_PROXY 323590	13.43 -0.42 0.02	8.64 -0.31 0.00	7.56 -0.28 0.00	7.42 -0.26 0.00	9.15 -0.30 0.00	4.55 -0.15 0.00	1.50 -0.05 0.00	6.26 -0.16 0.00	10.13 -0.25 0.00	13.36 -0.35 0.00	8.27 -0.22 0.00	4.78 -0.17 2.37	2.76 -0.04 0.00	7.22 -0.06 0.00	3.06 -0.02 0.00	6.16 -0.10 0.00	4.54 -0.04 0.00	17.28 -0.04 0.00	17.82 0.12 0.00	22.43 0.25 0.00	24.54 0.31 0.00	18.42 0.15 0.00	7.66 -0.03 0.00	4.32 -0.05 0.00

HQ_GEN_IMPORT 323601	13.71 -0.16 0.00	8.82 -0.12 0.00	7.73 -0.11 0.00	7.58 -0.11 0.00	9.32 -0.12 0.00	4.64 -0.06 0.00	1.53 -0.02 0.00	6.35 -0.06 0.00	10.28 -0.10 0.00	13.61 -0.11 0.00	8.43 -0.06 0.00	7.71 -0.04 -0.43	2.80 0.00 0.00	7.26 -0.01 0.00	3.06 -0.02 0.00	6.25 -0.01 0.00	4.57 -0.01 0.00	17.33 0.01 0.00	17.76 0.06 0.00	22.28 0.10 0.00	24.36 0.12 0.00	18.33 0.06 0.00	7.69 0.00 0.00	4.34 -0.04 0.00
HQ_GEN_WHEEL 23651	13.71 -0.16 0.00	8.82 -0.12 0.00	7.73 -0.11 0.00	7.58 -0.11 0.00	9.32 -0.12 0.00	4.64 -0.06 0.00	1.53 -0.02 0.00	6.35 -0.06 0.00	10.28 -0.10 0.00	13.61 -0.11 0.00	8.43 -0.06 0.00	7.71 -0.04 -0.43	2.80 0.00 0.00	7.26 -0.01 0.00	3.06 -0.02 0.00	6.25 -0.01 0.00	4.57 -0.01 0.00	17.33 0.01 0.00	17.76 0.06 0.00	22.28 0.10 0.00	24.36 0.12 0.00	18.33 0.06 0.00	7.69 0.00 0.00	4.34 -0.04 0.00
HUDSON AVE_GT_3 23810	14.89 1.03 0.00	9.66 0.72 0.00	8.46 0.63 0.00	8.25 0.57 0.00	10.12 0.67 0.00	5.05 0.35 0.00	1.66 0.11 0.00	6.87 0.46 0.00	11.14 0.76 0.00	14.69 0.98 0.00	9.14 0.65 0.00	7.57 0.58 0.33	3.01 0.21 0.00	7.82 0.54 0.00	3.35 0.27 0.00	6.74 0.47 0.00	4.92 0.34 0.00	18.52 1.21 0.00	18.80 1.10 0.00	23.39 1.21 0.00	25.50 1.26 0.00	19.28 1.01 0.00	8.15 0.46 0.00	4.68 0.31 0.00
HUDSON AVE_GT_4 23540	14.89 1.03 0.00	9.66 0.72 0.00	8.46 0.63 0.00	8.25 0.57 0.00	10.12 0.67 0.00	5.05 0.35 0.00	1.66 0.11 0.00	6.87 0.46 0.00	11.14 0.76 0.00	14.69 0.98 0.00	9.14 0.65 0.00	7.57 0.58 0.33	3.01 0.21 0.00	7.82 0.54 0.00	3.35 0.27 0.00	6.74 0.47 0.00	4.92 0.34 0.00	18.52 1.21 0.00	18.80 1.10 0.00	23.39 1.21 0.00	25.50 1.26 0.00	19.28 1.01 0.00	8.15 0.46 0.00	4.68 0.31 0.00
HUDSON AVE_GT_5 23657	14.89 1.03 0.00	9.66 0.72 0.00	8.46 0.63 0.00	8.25 0.57 0.00	10.12 0.67 0.00	5.05 0.35 0.00	1.66 0.11 0.00	6.87 0.46 0.00	11.14 0.76 0.00	14.69 0.98 0.00	9.14 0.65 0.00	7.57 0.58 0.33	3.01 0.21 0.00	7.82 0.54 0.00	3.35 0.27 0.00	6.74 0.47 0.00	4.92 0.34 0.00	18.52 1.21 0.00	18.80 1.10 0.00	23.39 1.21 0.00	25.50 1.26 0.00	19.28 1.01 0.00	8.15 0.46 0.00	4.68 0.31 0.00
HUDSON_AVE_10 24168	14.82 0.96 0.00	9.61 0.67 0.01	8.41 0.59 0.01	8.20 0.53 0.01	10.06 0.62 0.01	5.02 0.32 0.01	1.65 0.11 0.01	6.84 0.42 0.00	11.08 0.71 0.00	14.61 0.90 0.00	9.10 0.60 0.00	7.53 0.54 0.33	2.99 0.19 0.00	7.78 0.50 0.00	3.32 0.25 0.01	6.70 0.44 0.01	4.88 0.31 0.01	18.42 1.11 0.01	7.60 1.00 11.10	23.26 1.09 0.01	25.35 1.12 0.01	19.18 0.91 0.01	8.10 0.41 0.01	4.66 0.29 0.00
HUDSON___115KV_TB 4 355613	14.49 0.62 0.00	9.40 0.46 0.00	8.23 0.40 0.00	8.07 0.39 0.00	9.93 0.48 0.00	4.94 0.24 0.00	1.62 0.07 0.00	6.70 0.28 0.00	10.84 0.46 0.00	14.24 0.53 0.00	8.79 0.29 0.00	7.19 0.22 0.35	2.87 0.07 0.00	7.43 0.16 0.00	3.16 0.08 0.00	6.40 0.13 0.00	4.69 0.11 0.00	17.71 0.40 0.00	18.07 0.37 0.00	22.70 0.52 0.00	24.89 0.65 0.00	18.80 0.53 0.00	7.97 0.27 0.00	4.56 0.18 0.00
HUNTER MOUNT___DRP 323613	14.55 0.69 0.00	9.44 0.49 0.00	8.26 0.42 0.00	8.10 0.42 0.00	9.97 0.52 0.00	4.96 0.26 0.00	1.63 0.08 0.00	6.74 0.31 0.00	10.90 0.51 0.00	14.31 0.60 0.00	8.84 0.34 0.00	7.22 0.25 0.35	2.88 0.08 0.00	7.46 0.18 0.00	3.17 0.09 0.00	6.42 0.15 0.00	4.71 0.13 0.00	17.79 0.47 0.00	18.17 0.47 0.00	22.83 0.65 0.00	25.03 0.80 0.00	18.91 0.64 0.00	8.01 0.32 0.00	4.58 0.20 0.00
HUNTINGTON_RES_REC 323705	14.91 1.04 0.00	9.72 0.78 0.00	8.53 0.69 0.00	8.29 0.61 0.00	10.13 0.68 0.00	5.09 0.39 0.00	1.68 0.13 0.00	6.90 0.48 0.00	7.37 0.74 3.75	10.76 0.88 3.84	10.38 0.69 -1.19	9.07 0.66 -1.08	-7.55 0.24 10.59	-1.83 0.63 9.73	1.01 0.30 2.37	16.76 0.54 -9.95	15.11 0.41 -10.13	23.69 1.35 -5.03	61.06 1.37 -41.99	27.57 1.36 -4.04	38.59 1.18 -13.17	24.49 0.93 -5.29	22.70 0.46 -14.54	8.47 0.32 -3.77
HUNTLEY___63 23557	13.58 -0.28 0.00	8.60 -0.34 0.00	7.62 -0.22 0.00	7.55 -0.13 0.00	9.30 -0.14 0.00	4.65 -0.05 0.00	1.53 -0.02 0.00	6.31 -0.11 0.00	8.00 -0.30 2.08	7.76 -0.38 5.57	4.74 -0.17 3.59	1.67 -0.23 5.43	0.63 -0.10 2.07	3.75 -0.26 3.26	2.93 -0.15 0.00	6.04 -0.23 0.00	4.30 -0.28 0.00	16.24 -1.08 0.00	16.62 -1.07 0.00	20.98 -1.20 0.00	22.89 -1.34 0.00	16.98 -1.29 0.00	7.17 -0.52 0.00	4.19 -0.18 0.00
HUNTLEY___64 23558	13.58 -0.28 0.00	8.60 -0.34 0.00	7.62 -0.22 0.00	7.55 -0.13 0.00	9.30 -0.14 0.00	4.65 -0.05 0.00	1.53 -0.02 0.00	6.31 -0.11 0.00	8.00 -0.30 2.08	7.76 -0.38 5.57	4.74 -0.17 3.59	1.67 -0.23 5.43	0.63 -0.10 2.07	3.75 -0.26 3.26	2.93 -0.15 0.00	6.04 -0.23 0.00	4.30 -0.28 0.00	16.24 -1.08 0.00	16.62 -1.07 0.00	20.98 -1.20 0.00	22.89 -1.34 0.00	16.98 -1.29 0.00	7.17 -0.52 0.00	4.19 -0.18 0.00
HUNTLEY___65 23559	13.58 -0.28 0.00	8.60 -0.34 0.00	7.62 -0.22 0.00	7.55 -0.13 0.00	9.30 -0.14 0.00	4.65 -0.05 0.00	1.53 -0.02 0.00	6.31 -0.11 0.00	8.00 -0.30 2.08	7.76 -0.38 5.57	4.74 -0.17 3.59	1.67 -0.23 5.43	0.63 -0.10 2.07	3.75 -0.26 3.26	2.93 -0.15 0.00	6.04 -0.23 0.00	4.30 -0.28 0.00	16.24 -1.08 0.00	16.62 -1.07 0.00	20.98 -1.20 0.00	22.89 -1.34 0.00	16.98 -1.29 0.00	7.17 -0.52 0.00	4.19 -0.18 0.00
HUNTLEY___66 23560	13.58 -0.28 0.00	8.60 -0.34 0.00	7.62 -0.22 0.00	7.55 -0.13 0.00	9.30 -0.14 0.00	4.65 -0.05 0.00	1.53 -0.02 0.00	6.31 -0.11 0.00	8.00 -0.30 2.08	7.76 -0.38 5.57	4.74 -0.17 3.59	1.67 -0.23 5.43	0.63 -0.10 2.07	3.75 -0.26 3.26	2.93 -0.15 0.00	6.04 -0.23 0.00	4.30 -0.28 0.00	16.24 -1.08 0.00	16.62 -1.07 0.00	20.98 -1.20 0.00	22.89 -1.34 0.00	16.98 -1.29 0.00	7.17 -0.52 0.00	4.19 -0.18 0.00
HUNTLEY___67 23561	13.52 -0.35 0.00	8.56 -0.38 0.00	7.58 -0.25 0.00	7.52 -0.16 0.00	9.27 -0.18 0.00	4.63 -0.08 0.00	1.52 -0.02 0.00	6.28 -0.14 0.00	8.01 -0.32 2.06	7.77 -0.44 5.51	4.75 -0.20 3.54	1.70 -0.26 5.36	0.64 -0.12 2.05	3.75 -0.31 3.22	2.91 -0.17 0.00	6.01 -0.26 0.00	4.28 -0.29 0.00	16.17 -1.15 0.00	16.53 -1.16 0.00	20.87 -1.31 0.00	22.78 -1.45 0.00	16.94 -1.33 0.00	7.16 -0.53 0.00	4.18 -0.19 0.00
HUNTLEY___68 23562	13.52 -0.35 0.00	8.56 -0.38 0.00	7.58 -0.25 0.00	7.52 -0.16 0.00	9.27 -0.18 0.00	4.63 -0.08 0.00	1.52 -0.02 0.00	6.28 -0.14 0.00	8.01 -0.32 2.06	7.77 -0.44 5.51	4.75 -0.20 3.54	1.70 -0.26 5.36	0.64 -0.12 2.05	3.75 -0.31 3.22	2.91 -0.17 0.00	6.01 -0.26 0.00	4.28 -0.29 0.00	16.17 -1.15 0.00	16.53 -1.16 0.00	20.87 -1.31 0.00	22.78 -1.45 0.00	16.94 -1.33 0.00	7.16 -0.53 0.00	4.18 -0.19 0.00

HYLAND___LFGE 323620	14.07 0.21 0.00	8.96 0.02 0.00	7.90 0.07 0.00	7.80 0.12 0.00	9.63 0.18 0.00	4.82 0.12 0.00	1.59 0.04 0.00	6.42 0.00 0.00	18.57 -0.22 -8.42	35.81 -0.44 -22.54	22.78 -0.23 -14.51	27.64 -0.27 -20.59	11.07 -0.11 -8.38	20.16 -0.30 -13.19	2.98 -0.10 0.00	6.10 -0.16 0.00	4.39 -0.19 0.00	16.69 -0.63 0.00	17.10 -0.60 0.00	21.81 -0.38 0.00	24.15 -0.08 0.00	18.27 0.00 0.00	7.69 0.00 0.00	4.44 0.06 0.00
INDECK___CORINTH 23802	14.70 0.84 0.00	9.54 0.60 0.00	8.36 0.52 0.00	8.19 0.51 0.00	10.08 0.63 0.00	5.02 0.31 0.00	1.65 0.10 0.00	6.83 0.42 0.00	11.09 0.71 0.00	14.55 0.84 0.00	8.88 0.38 0.00	7.25 0.30 0.37	2.90 0.10 0.00	7.50 0.23 0.00	3.18 0.10 0.00	6.44 0.17 0.00	4.72 0.15 0.00	17.96 0.64 0.00	18.44 0.74 0.00	23.18 1.00 0.00	25.38 1.15 0.00	19.25 0.98 0.00	8.14 0.44 0.00	4.66 0.29 0.00
INDECK___ILION 23567	14.07 0.21 0.00	9.11 0.16 0.00	7.99 0.15 0.00	7.81 0.13 0.00	9.62 0.17 0.00	4.79 0.08 0.00	1.58 0.03 0.00	6.49 0.06 0.00	10.50 0.11 0.00	13.77 0.06 0.00	8.53 0.03 0.00	6.63 -0.04 0.65	2.77 -0.03 0.00	7.20 -0.07 0.00	3.06 -0.03 0.00	6.23 -0.04 0.00	4.55 -0.03 0.00	17.18 -0.14 0.00	17.56 -0.14 0.00	22.09 -0.09 0.00	24.24 0.00 0.00	18.34 0.07 0.00	7.76 0.07 0.00	4.44 0.07 0.00
INDECK___OLEAN 23982	13.88 0.02 0.00	8.84 -0.11 0.00	7.84 0.01 0.00	7.76 0.08 0.00	9.56 0.11 0.00	4.79 0.09 0.00	1.58 0.03 0.00	6.52 0.10 0.00	10.05 0.13 0.46	12.50 0.02 1.22	7.77 0.06 0.79	5.84 -0.05 1.44	2.31 -0.04 0.46	6.41 -0.15 0.72	2.97 -0.10 0.00	6.12 -0.14 0.00	4.39 -0.19 0.00	16.54 -0.78 0.00	16.81 -0.89 0.00	21.18 -1.00 0.00	23.23 -1.01 0.00	17.41 -0.86 0.00	7.37 -0.32 0.00	4.31 -0.07 0.00
INDECK___OSWEGO 23783	13.64 -0.22 0.00	8.79 -0.15 0.00	7.71 -0.12 0.00	7.57 -0.11 0.00	9.31 -0.13 0.00	4.64 -0.06 0.00	1.53 -0.02 0.00	6.30 -0.11 0.00	10.20 -0.18 0.00	13.45 -0.26 0.00	8.32 -0.17 0.00	6.69 -0.18 0.45	2.73 -0.08 0.00	7.07 -0.20 0.00	2.99 -0.08 0.00	6.09 -0.17 0.00	4.45 -0.13 0.00	16.80 -0.52 0.00	17.14 -0.56 0.00	21.52 -0.66 0.00	23.54 -0.70 0.00	17.76 -0.51 0.00	7.49 -0.20 0.00	4.29 -0.09 0.00
INDECK___YERKES 23781	13.60 -0.27 0.00	8.61 -0.33 0.00	7.62 -0.21 0.00	7.56 -0.12 0.00	9.31 -0.13 0.00	4.65 -0.05 0.00	1.53 -0.02 0.00	6.31 -0.11 0.00	8.01 -0.29 2.08	7.77 -0.37 5.57	4.75 -0.16 3.59	1.67 -0.23 5.43	0.63 -0.10 2.07	3.76 -0.26 3.26	2.93 -0.15 0.00	6.04 -0.22 0.00	4.30 -0.27 0.00	16.25 -1.07 0.00	16.64 -1.06 0.00	20.99 -1.19 0.00	22.91 -1.32 0.00	16.99 -1.28 0.00	7.17 -0.52 0.00	4.19 -0.18 0.00
INDIAN POINT_GT_1 24139	14.74 0.88 0.00	9.56 0.62 0.00	8.37 0.53 0.00	8.17 0.49 0.00	10.01 0.56 0.00	5.00 0.30 0.00	1.65 0.10 0.00	6.80 0.38 0.00	11.01 0.63 0.00	14.49 0.78 0.00	9.01 0.52 0.00	7.46 0.46 0.33	2.97 0.16 0.00	7.70 0.43 0.00	3.29 0.22 0.00	6.65 0.39 0.00	4.86 0.28 0.00	18.32 1.01 0.00	18.61 0.91 0.00	23.19 1.00 0.00	25.28 1.04 0.00	19.11 0.84 0.00	8.07 0.38 0.00	4.64 0.26 0.00
INDIAN POINT_GT_2 23659	14.74 0.88 0.00	9.56 0.62 0.00	8.37 0.53 0.00	8.17 0.49 0.00	10.01 0.56 0.00	5.00 0.30 0.00	1.65 0.10 0.00	6.80 0.38 0.00	11.01 0.63 0.00	14.49 0.78 0.00	9.01 0.52 0.00	7.46 0.46 0.33	2.97 0.16 0.00	7.70 0.43 0.00	3.29 0.22 0.00	6.65 0.39 0.00	4.86 0.28 0.00	18.32 1.01 0.00	18.61 0.91 0.00	23.19 1.00 0.00	25.28 1.04 0.00	19.11 0.84 0.00	8.07 0.38 0.00	4.64 0.26 0.00
INDIAN POINT_GT_3 24019	14.74 0.88 0.00	9.56 0.62 0.00	8.37 0.53 0.00	8.17 0.49 0.00	10.01 0.56 0.00	5.00 0.30 0.00	1.65 0.10 0.00	6.80 0.38 0.00	11.01 0.63 0.00	14.49 0.78 0.00	9.01 0.52 0.00	7.46 0.46 0.33	2.97 0.16 0.00	7.70 0.43 0.00	3.29 0.22 0.00	6.65 0.39 0.00	4.86 0.28 0.00	18.32 1.01 0.00	18.61 0.91 0.00	23.19 1.00 0.00	25.28 1.04 0.00	19.11 0.84 0.00	8.07 0.38 0.00	4.64 0.26 0.00
INDIAN POINT___2 23530	14.71 0.85 0.00	9.53 0.59 0.00	8.35 0.51 0.00	8.14 0.46 0.00	9.98 0.53 0.00	4.99 0.28 0.00	1.64 0.09 0.00	6.78 0.36 0.00	10.97 0.58 0.00	14.44 0.73 0.00	8.98 0.49 0.00	7.43 0.44 0.33	2.96 0.15 0.00	7.68 0.41 0.00	3.29 0.21 0.00	6.64 0.37 0.00	4.85 0.27 0.00	18.28 0.96 0.00	18.57 0.87 0.00	23.13 0.94 0.00	25.21 0.97 0.00	19.06 0.79 0.00	8.05 0.35 0.00	4.63 0.25 0.00
INDIAN POINT___3 23531	14.77 0.91 0.00	9.58 0.64 0.00	8.39 0.56 0.00	8.19 0.51 0.00	10.04 0.60 0.00	5.02 0.31 0.00	1.65 0.10 0.00	6.82 0.40 0.00	11.04 0.66 0.00	14.54 0.83 0.00	9.04 0.55 0.00	7.48 0.49 0.33	2.98 0.17 0.00	7.73 0.45 0.00	3.30 0.22 0.00	6.66 0.40 0.00	4.87 0.29 0.00	18.35 1.04 0.00	18.64 0.95 0.00	23.22 1.04 0.00	25.32 1.08 0.00	19.15 0.88 0.00	8.09 0.40 0.00	4.64 0.27 0.00
INGHAM_C_115KV_TB7 356103	14.14 0.28 0.00	9.17 0.23 0.00	8.05 0.21 0.00	7.85 0.17 0.00	9.66 0.21 0.00	4.81 0.11 0.00	1.58 0.03 0.00	6.48 0.06 0.00	10.50 0.12 0.00	13.73 0.02 0.00	8.48 -0.01 0.00	6.54 -0.13 0.65	2.73 -0.07 0.00	7.11 -0.17 0.00	3.01 -0.06 0.00	6.18 -0.08 0.00	4.52 -0.06 0.00	17.02 -0.30 0.00	17.44 -0.25 0.00	22.07 -0.11 0.00	24.29 0.05 0.00	18.48 0.21 0.00	7.81 0.11 0.00	4.47 0.09 0.00
IP CORINTH___1 23988	14.70 0.84 0.00	9.54 0.60 0.00	8.36 0.52 0.00	8.19 0.51 0.00	10.08 0.63 0.00	5.02 0.31 0.00	1.65 0.10 0.00	6.83 0.42 0.00	11.09 0.71 0.00	14.55 0.84 0.00	8.88 0.38 0.00	7.25 0.30 0.37	2.90 0.10 0.00	7.50 0.23 0.00	3.18 0.10 0.00	6.44 0.17 0.00	4.72 0.15 0.00	17.96 0.64 0.00	18.44 0.74 0.00	23.18 1.00 0.00	25.38 1.15 0.00	19.25 0.98 0.00	8.14 0.44 0.00	4.66 0.29 0.00
IP___TICONDEROGA 23804	14.69 0.82 0.00	9.64 0.70 0.00	8.43 0.60 0.00	8.24 0.57 0.00	10.14 0.69 0.00	5.06 0.35 0.00	1.66 0.11 0.00	6.97 0.55 0.00	11.34 0.96 0.00	14.76 1.05 0.00	8.92 0.42 0.00	7.31 0.35 0.37	2.97 0.17 0.00	7.65 0.38 0.00	3.21 0.13 0.00	6.40 0.13 0.00	4.72 0.14 0.00	18.28 0.96 0.00	19.05 1.35 0.00	23.94 1.76 0.00	26.32 2.08 0.00	19.71 1.44 0.00	8.37 0.68 0.00	4.77 0.39 0.00
ISLIP_RES_REC 323679	15.10 1.24 0.00	9.84 0.90 0.00	8.63 0.80 0.00	8.39 0.71 0.00	10.25 0.80 0.00	5.16 0.45 0.00	1.70 0.15 0.00	6.98 0.56 0.00	7.63 0.86 3.61	11.11 1.06 3.66	10.78 0.80 -1.48	9.39 0.75 -1.32	-7.12 0.28 10.21	-1.36 0.71 9.35	1.44 0.34 1.98	17.19 0.62 -10.30	15.48 0.47 -10.43	24.19 1.56 -5.32	63.37 1.59 -44.08	28.23 1.70 -4.34	39.13 1.91 -12.98	24.95 1.47 -5.21	22.73 0.68 -14.35	8.54 0.43 -3.73

JAMAICA__27_KV_LOAD 355505	14.90 1.04 0.00	9.65 0.72 0.01	8.45 0.62 0.01	8.24 0.57 0.01	10.10 0.66 0.01	5.04 0.35 0.01	1.66 0.11 0.01	6.87 0.45 0.00	11.14 0.76 0.00	14.68 0.97 0.00	9.14 0.65 0.00	7.56 0.57 0.33	3.01 0.20 0.00	7.81 0.53 0.00	3.33 0.26 0.01	6.73 0.47 0.01	4.90 0.33 0.01	18.49 1.18 0.01	8.01 1.07 10.76	23.34 1.16 0.01	25.44 1.21 0.01	19.25 0.99 0.01	8.13 0.44 0.01	4.69 0.31 0.00
JANIS__SOLAR 323808	14.17 0.30 0.00	9.09 0.15 0.00	7.98 0.15 0.00	7.86 0.18 0.00	9.69 0.24 0.00	4.85 0.14 0.00	1.60 0.05 0.00	6.56 0.14 0.00	11.09 0.15 -0.56	15.34 0.14 -1.49	9.63 0.17 -0.96	8.32 0.06 -0.94	3.34 -0.01 -0.55	8.12 -0.02 -0.87	3.04 -0.04 0.00	6.29 0.02 0.00	4.61 0.03 0.00	17.50 0.18 0.00	18.09 0.39 0.00	22.80 0.62 0.00	25.06 0.82 0.00	18.87 0.60 0.00	7.92 0.23 0.00	4.53 0.16 0.00
JARVIS____ 23743	14.02 0.16 0.00	9.06 0.12 0.00	7.94 0.11 0.00	7.78 0.11 0.00	9.58 0.13 0.00	4.77 0.06 0.00	1.57 0.02 0.00	6.48 0.06 0.00	10.49 0.10 0.00	13.81 0.09 0.00	8.55 0.05 0.00	6.69 0.02 0.65	2.80 0.00 0.00	7.26 -0.02 0.00	3.08 0.00 0.00	6.25 -0.02 0.00	4.57 -0.01 0.00	17.25 -0.07 0.00	17.60 -0.10 0.00	22.07 -0.11 0.00	24.14 -0.10 0.00	18.22 -0.05 0.00	7.71 0.01 0.00	4.42 0.04 0.00
JENNISON____1 23625	13.99 0.13 0.00	9.00 0.06 0.00	7.88 0.04 0.00	7.78 0.10 0.00	9.58 0.13 0.00	4.80 0.10 0.00	1.60 0.05 0.00	6.53 0.11 0.00	10.57 0.19 0.00	13.89 0.18 0.00	8.70 0.21 0.00	7.03 0.13 0.43	2.83 0.02 0.00	7.34 0.07 0.00	3.10 0.02 0.00	6.32 0.05 0.00	4.61 0.03 0.00	17.48 0.16 0.00	18.05 0.35 0.00	22.84 0.65 0.00	25.16 0.93 0.00	18.95 0.68 0.00	7.94 0.25 0.00	4.54 0.17 0.00
JENNISON____2 23626	13.99 0.13 0.00	9.00 0.06 0.00	7.88 0.04 0.00	7.78 0.10 0.00	9.58 0.13 0.00	4.80 0.10 0.00	1.60 0.05 0.00	6.53 0.11 0.00	10.57 0.19 0.00	13.89 0.18 0.00	8.70 0.21 0.00	7.03 0.13 0.43	2.83 0.02 0.00	7.34 0.07 0.00	3.10 0.02 0.00	6.32 0.05 0.00	4.61 0.03 0.00	17.48 0.16 0.00	18.05 0.35 0.00	22.84 0.65 0.00	25.16 0.93 0.00	18.95 0.68 0.00	7.94 0.25 0.00	4.54 0.17 0.00
JERICOH_RISE_WT_PWR 323719	13.15 -0.71 0.00	8.45 -0.50 0.00	7.37 -0.46 0.00	7.22 -0.46 0.00	8.89 -0.56 0.00	4.42 -0.28 0.00	1.46 -0.09 0.00	6.08 -0.34 0.00	9.85 -0.53 0.00	13.00 -0.71 0.00	8.05 -0.44 0.00	4.55 -0.32 2.45	2.70 -0.11 0.00	6.99 -0.28 0.00	2.98 -0.10 0.00	6.05 -0.21 0.00	4.41 -0.16 0.00	16.88 -0.44 0.00	17.45 -0.25 0.00	21.96 -0.22 0.00	24.01 -0.22 0.00	18.12 -0.15 0.00	7.58 -0.12 0.00	4.28 -0.09 0.00
KATONAH__115KV_46KV_TB4 355592	14.83 0.97 0.00	9.62 0.68 0.00	8.43 0.59 0.00	8.21 0.54 0.00	10.07 0.62 0.00	5.03 0.32 0.00	1.66 0.11 0.00	6.84 0.42 0.00	11.08 0.70 0.00	14.59 0.88 0.00	9.08 0.58 0.00	7.51 0.52 0.33	2.99 0.18 0.00	7.75 0.48 0.00	3.31 0.23 0.00	6.68 0.41 0.00	4.88 0.31 0.00	18.42 1.10 0.00	18.71 1.01 0.00	23.32 1.14 0.00	25.44 1.20 0.00	19.23 0.96 0.00	8.12 0.43 0.00	4.66 0.29 0.00
KCE_NY_1 323755	14.61 0.74 0.00	9.47 0.53 0.00	8.30 0.47 0.00	8.13 0.45 0.00	10.01 0.57 0.00	4.98 0.28 0.00	1.64 0.09 0.00	6.77 0.35 0.00	10.97 0.59 0.00	14.42 0.71 0.00	8.86 0.36 0.00	7.24 0.28 0.37	2.90 0.10 0.00	7.50 0.23 0.00	3.19 0.11 0.00	6.46 0.19 0.00	4.73 0.15 0.00	17.95 0.63 0.00	18.35 0.65 0.00	23.09 0.91 0.00	25.24 1.00 0.00	19.04 0.77 0.00	8.05 0.36 0.00	4.61 0.23 0.00
KCE_NY_6_ESR 323823	13.65 -0.22 0.00	8.64 -0.30 0.00	7.65 -0.18 0.00	7.58 -0.10 0.00	9.35 -0.10 0.00	4.67 -0.03 0.00	1.54 -0.01 0.00	6.34 -0.08 0.00	7.72 -0.23 2.43	6.85 -0.34 6.52	4.15 -0.15 4.19	0.82 -0.23 6.28	0.28 -0.10 2.42	3.20 -0.27 3.81	2.93 -0.15 0.00	6.05 -0.22 0.00	4.32 -0.26 0.00	16.31 -1.01 0.00	16.66 -1.04 0.00	21.05 -1.14 0.00	23.01 -1.23 0.00	17.16 -1.11 0.00	7.25 -0.44 0.00	4.23 -0.15 0.00
KEDC_PORT_JEFF_GT2 24210	15.04 1.18 0.00	9.80 0.86 0.00	8.60 0.76 0.00	8.36 0.68 0.00	10.21 0.76 0.00	5.13 0.43 0.00	1.69 0.14 0.00	6.96 0.54 0.00	7.22 0.83 3.99	10.56 1.01 4.17	9.92 0.77 -0.66	8.68 0.72 -0.64	-8.19 0.27 11.26	-2.44 0.69 10.40	0.34 0.33 3.07	16.02 0.59 -9.16	14.44 0.45 -9.41	23.18 1.47 -4.40	56.61 1.50 -37.41	26.88 1.59 -3.10	37.47 1.79 -11.44	24.23 1.39 -4.57	21.39 0.65 -13.05	7.74 0.42 -2.95
KEDC_PORT_JEFF_GT3 24211	15.04 1.18 0.00	9.80 0.86 0.00	8.60 0.76 0.00	8.36 0.68 0.00	10.21 0.76 0.00	5.13 0.43 0.00	1.69 0.14 0.00	6.96 0.54 0.00	7.22 0.83 3.99	10.56 1.01 4.17	9.92 0.77 -0.66	8.68 0.72 -0.64	-8.19 0.27 11.26	-2.44 0.69 10.40	0.34 0.33 3.07	16.02 0.59 -9.16	14.44 0.45 -9.41	23.18 1.47 -4.40	56.61 1.50 -37.41	26.88 1.59 -3.10	37.47 1.79 -11.44	24.23 1.39 -4.57	21.39 0.65 -13.05	7.74 0.42 -2.95
KEDC_GLWD_GT4 24219	14.93 1.07 0.00	9.71 0.77 0.00	8.51 0.67 0.00	8.28 0.60 0.00	10.15 0.70 0.00	5.08 0.37 0.00	1.67 0.12 0.00	6.90 0.48 0.00	19.19 0.79 -8.02	27.17 1.00 -12.45	37.39 0.69 -28.21	31.62 0.63 -23.67	25.51 0.22 -22.48	31.25 0.59 -23.39	36.51 0.28 -33.15	60.96 0.51 -54.18	55.02 0.37 -50.07	58.16 1.31 -39.53	310.96 1.27 -291.99	72.27 1.36 -48.73	94.98 1.45 -69.29	48.11 1.14 -28.70	71.50 0.52 -63.29	36.01 0.34 -31.29
KEDC_GLWD_GT5 24220	14.93 1.07 0.00	9.71 0.77 0.00	8.51 0.67 0.00	8.28 0.60 0.00	10.15 0.70 0.00	5.08 0.37 0.00	1.67 0.12 0.00	6.90 0.48 0.00	19.19 0.79 -8.02	27.17 1.00 -12.45	37.39 0.69 -28.21	31.62 0.63 -23.67	25.51 0.22 -22.48	31.25 0.59 -23.39	36.51 0.28 -33.15	60.96 0.51 -54.18	55.02 0.37 -50.07	58.16 1.31 -39.53	310.96 1.27 -291.99	72.27 1.36 -48.73	94.98 1.45 -69.29	48.11 1.14 -28.70	71.50 0.52 -63.29	36.01 0.34 -31.29
KENSICO____ 23655	14.80 0.93 0.00	9.60 0.66 0.00	8.41 0.57 0.00	8.20 0.52 0.00	10.05 0.60 0.00	5.02 0.32 0.00	1.65 0.10 0.00	6.83 0.41 0.00	11.05 0.67 0.00	14.56 0.85 0.00	9.05 0.56 0.00	7.49 0.50 0.33	2.98 0.18 0.00	7.74 0.47 0.00	3.31 0.23 0.00	6.67 0.41 0.00	4.88 0.30 0.00	18.39 1.07 0.00	18.67 0.98 0.00	23.25 1.07 0.00	25.35 1.11 0.00	19.17 0.90 0.00	8.10 0.41 0.00	4.65 0.28 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	14.74 0.88 0.00	9.54 0.60 0.00	8.35 0.52 0.00	8.16 0.48 0.00	10.01 0.56 0.00	5.00 0.29 0.00	1.65 0.10 0.00	6.80 0.38 0.00	11.00 0.62 0.00	14.51 0.80 0.00	8.99 0.50 0.00	7.45 0.45 0.32	2.95 0.15 0.00	7.70 0.42 0.00	3.27 0.19 0.00	6.65 0.38 0.00	4.87 0.30 0.00	18.34 1.02 0.00	18.67 0.98 0.00	23.33 1.15 0.00	25.44 1.21 0.00	19.23 0.96 0.00	8.10 0.41 0.00	4.65 0.27 0.00

KIAC_JFK_GT1 23816	14.82 0.96 0.00	9.61 0.67 0.01	8.41 0.58 0.01	8.20 0.53 0.01	10.06 0.62 0.01	5.02 0.32 0.01	1.65 0.11 0.01	6.83 0.42 0.00	11.08 0.71 0.00	14.61 0.90 0.00	9.10 0.60 0.00	7.52 0.53 0.33	3.00 0.19 0.00	7.77 0.50 0.00	3.32 0.25 0.01	6.69 0.44 0.01	4.88 0.31 0.01	18.40 1.10 0.01	7.90 0.96 10.76	23.13 0.96 0.01	25.22 0.99 0.01	19.07 0.81 0.01	8.05 0.37 0.01	4.66 0.29 0.00
KIAC_JFK_GT2 23817	14.82 0.96 0.00	9.61 0.67 0.01	8.41 0.58 0.01	8.20 0.53 0.01	10.06 0.62 0.01	5.02 0.32 0.01	1.65 0.11 0.01	6.83 0.42 0.00	11.08 0.71 0.00	14.61 0.90 0.00	9.10 0.60 0.00	7.52 0.53 0.33	3.00 0.19 0.00	7.77 0.50 0.00	3.32 0.25 0.01	6.69 0.44 0.01	4.88 0.31 0.01	18.40 1.10 0.01	7.90 0.96 10.76	23.13 0.96 0.01	25.22 0.99 0.01	19.07 0.81 0.01	8.05 0.37 0.01	4.66 0.29 0.00
KIAC_JFK____ 323774	14.82 0.96 0.00	9.61 0.67 0.01	8.41 0.58 0.01	8.20 0.53 0.01	10.06 0.61 0.01	5.02 0.32 0.01	1.65 0.11 0.01	6.83 0.42 0.00	11.08 0.71 0.00	14.61 0.90 0.00	9.10 0.60 0.00	7.52 0.53 0.33	3.00 0.19 0.00	7.77 0.50 0.00	3.32 0.25 0.01	6.69 0.44 0.01	4.88 0.31 0.01	18.40 1.10 0.01	7.90 0.96 10.76	23.13 0.96 0.01	25.22 0.99 0.01	19.07 0.81 0.01	8.05 0.37 0.01	4.66 0.29 0.00
KINTIGH__24_KV_GSU 356498	13.54 -0.32 0.00	8.61 -0.33 0.00	7.61 -0.23 0.00	7.54 -0.15 0.00	9.28 -0.17 0.00	4.63 -0.07 0.00	1.52 -0.02 0.00	6.29 -0.13 0.00	8.85 -0.28 1.25	10.01 -0.36 3.34	6.18 -0.16 2.15	3.69 -0.23 3.40	1.46 -0.10 1.24	5.06 -0.25 1.96	2.94 -0.14 0.00	6.05 -0.22 0.00	4.33 -0.25 0.00	16.34 -0.98 0.00	16.69 -1.01 0.00	21.03 -1.15 0.00	22.94 -1.30 0.00	17.08 -1.19 0.00	7.22 -0.47 0.00	4.20 -0.17 0.00
KINTIGH____ 23543	13.53 -0.33 0.00	8.60 -0.34 0.00	7.61 -0.23 0.00	7.53 -0.15 0.00	9.27 -0.18 0.00	4.63 -0.08 0.00	1.52 -0.03 0.00	6.28 -0.13 0.00	8.84 -0.29 1.25	9.99 -0.38 3.34	6.17 -0.17 2.15	3.69 -0.23 3.40	1.46 -0.10 1.24	5.05 -0.27 1.96	2.94 -0.14 0.00	6.04 -0.23 0.00	4.32 -0.25 0.00	16.32 -1.00 0.00	16.68 -1.02 0.00	21.01 -1.17 0.00	22.92 -1.32 0.00	17.07 -1.20 0.00	7.21 -0.48 0.00	4.20 -0.18 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	13.33 -0.54 0.00	8.57 -0.37 0.00	7.47 -0.37 0.00	7.31 -0.37 0.00	9.00 -0.45 0.00	4.48 -0.22 0.00	1.47 -0.08 0.00	6.15 -0.26 0.00	9.96 -0.42 0.00	13.13 -0.58 0.00	8.13 -0.36 0.00	4.61 -0.24 2.48	2.73 -0.08 0.00	7.05 -0.22 0.00	3.01 -0.07 0.00	6.14 -0.12 0.00	4.46 -0.12 0.00	17.06 -0.25 0.00	17.66 -0.03 0.00	22.28 0.10 0.00	24.34 0.11 0.00	18.37 0.10 0.00	7.68 -0.01 0.00	4.34 -0.04 0.00
LACHUTE____HYDRO 323717	14.69 0.82 0.00	9.64 0.70 0.00	8.43 0.60 0.00	8.24 0.57 0.00	10.14 0.69 0.00	5.06 0.35 0.00	1.66 0.11 0.00	6.97 0.55 0.00	11.34 0.96 0.00	14.76 1.05 0.00	8.92 0.42 0.00	7.31 0.35 0.37	2.97 0.17 0.00	7.65 0.38 0.00	3.21 0.13 0.00	6.40 0.13 0.00	4.72 0.14 0.00	18.28 0.96 0.00	19.05 1.35 0.00	23.94 1.76 0.00	26.32 2.08 0.00	19.71 1.44 0.00	8.37 0.68 0.00	4.77 0.39 0.00
LAWRNCV_115KV_TB1 80681	13.19 -0.67 0.00	8.47 -0.47 0.00	7.42 -0.42 0.00	7.29 -0.39 0.00	9.04 -0.40 0.00	4.50 -0.21 0.00	1.49 -0.06 0.00	6.21 -0.21 0.00	10.05 -0.33 0.00	13.22 -0.49 0.00	8.17 -0.33 0.00	4.90 -0.27 2.16	2.72 -0.08 0.00	7.10 -0.17 0.00	3.02 -0.06 0.00	6.07 -0.19 0.00	4.47 -0.11 0.00	17.05 -0.27 0.00	17.64 -0.06 0.00	22.27 0.09 0.00	24.43 0.19 0.00	18.32 0.05 0.00	7.62 -0.07 0.00	4.30 -0.08 0.00
LEDERLE____ 23769	14.75 0.89 0.00	9.55 0.61 0.00	8.36 0.52 0.00	8.16 0.48 0.00	10.00 0.55 0.00	4.99 0.29 0.00	1.64 0.09 0.00	6.79 0.37 0.00	10.98 0.60 0.00	14.46 0.75 0.00	9.00 0.50 0.00	7.45 0.45 0.32	2.96 0.16 0.00	7.71 0.43 0.00	3.30 0.22 0.00	6.67 0.40 0.00	4.87 0.30 0.00	18.37 1.05 0.00	18.66 0.96 0.00	23.24 1.06 0.00	25.33 1.10 0.00	19.14 0.87 0.00	8.07 0.38 0.00	4.65 0.27 0.00
LIGHTHSE_115KV_TB6 355974	13.76 -0.10 0.00	8.84 -0.10 0.00	7.76 -0.07 0.00	7.62 -0.06 0.00	9.39 -0.06 0.00	4.67 -0.04 0.00	1.54 -0.01 0.00	6.34 -0.08 0.00	10.27 -0.11 0.00	13.48 -0.23 0.00	8.31 -0.18 0.00	6.55 -0.20 0.57	2.71 -0.09 0.00	7.01 -0.26 0.00	2.97 -0.10 0.00	6.02 -0.24 0.00	4.40 -0.17 0.00	16.72 -0.60 0.00	17.17 -0.53 0.00	21.74 -0.44 0.00	23.92 -0.31 0.00	18.02 -0.25 0.00	7.60 -0.09 0.00	4.36 -0.01 0.00
LINDEN COGEN____ 23786	-318.55 0.92 333.33	-832.08 0.64 841.67	8.43 0.59 0.00	8.22 0.54 0.00	10.06 0.61 0.00	5.02 0.32 0.00	1.66 0.11 0.00	6.83 0.42 0.00	11.07 0.69 0.00	14.58 0.87 0.00	9.08 0.58 0.00	7.51 0.52 0.33	2.99 0.19 0.00	7.77 0.49 0.00	3.33 0.25 0.00	6.71 0.44 0.00	4.89 0.32 0.00	18.43 1.12 0.00	18.71 1.01 0.00	23.28 1.10 0.00	25.38 1.14 0.00	19.19 0.92 0.00	8.11 0.41 0.00	4.66 0.29 0.00
LINDHRST_69_KV_BK1 356055	15.12 1.25 0.00	9.85 0.91 0.00	8.63 0.79 0.00	8.39 0.71 0.00	10.26 0.81 0.00	5.15 0.45 0.00	1.70 0.15 0.00	6.98 0.56 0.00	14.07 0.89 -2.80	19.82 1.12 -4.99	24.89 0.82 -15.57	20.91 0.76 -12.83	10.84 0.27 -7.76	16.63 0.71 -8.65	19.99 0.34 -16.57	36.55 0.62 -29.67	32.74 0.45 -27.70	39.87 1.59 -20.96	176.61 1.65 -157.27	49.02 1.75 -25.09	64.08 1.91 -37.94	35.39 1.48 -15.64	43.86 0.67 -35.49	21.13 0.43 -16.33
LIPA_MISC_IPP 23656	15.01 1.15 0.00	9.79 0.85 0.00	8.59 0.75 0.00	8.35 0.67 0.00	10.20 0.75 0.00	5.13 0.43 0.00	1.69 0.14 0.00	6.94 0.53 0.00	7.02 0.80 4.16	10.28 0.97 4.40	9.51 0.74 -0.28	8.35 0.70 -0.33	-8.68 0.26 11.74	-2.95 0.67 10.89	-0.17 0.32 3.57	15.46 0.58 -8.62	13.94 0.44 -8.93	22.67 1.39 -3.96	53.39 1.41 -34.28	26.19 1.46 -2.55	36.72 1.61 -10.88	23.86 1.26 -4.33	20.85 0.59 -12.57	7.43 0.39 -2.66
LISF____SOLAR 323691	15.04 1.18 0.00	9.80 0.86 0.00	8.60 0.76 0.00	8.36 0.68 0.00	10.21 0.76 0.00	5.14 0.44 0.00	1.69 0.14 0.00	6.96 0.54 0.00	7.10 0.81 4.09	10.39 0.98 4.31	9.66 0.75 -0.42	8.48 0.70 -0.45	-8.48 0.27 11.56	-2.75 0.67 10.70	0.02 0.32 3.38	15.67 0.58 -8.82	14.14 0.45 -9.11	22.86 1.41 -4.13	54.59 1.43 -35.47	26.45 1.50 -2.76	37.02 1.66 -11.12	24.00 1.30 -4.43	21.08 0.61 -12.78	7.56 0.40 -2.79
LITTLE FALLS____HYD 24013	14.14 0.28 0.00	9.17 0.23 0.00	8.05 0.21 0.00	7.85 0.17 0.00	9.66 0.21 0.00	4.81 0.11 0.00	1.58 0.03 0.00	6.48 0.06 0.00	10.50 0.12 0.00	13.73 0.02 0.00	8.48 -0.01 0.00	6.54 -0.13 0.65	2.73 -0.07 0.00	7.11 -0.17 0.00	3.01 -0.06 0.00	6.18 -0.08 0.00	4.52 -0.06 0.00	17.02 -0.30 0.00	17.44 -0.25 0.00	22.07 -0.11 0.00	24.29 0.05 0.00	18.48 0.21 0.00	7.81 0.11 0.00	4.47 0.09 0.00

LITTLRIV_115KV_TB1 356100	13.37 -0.49 0.00	8.58 -0.36 0.00	7.52 -0.32 0.00	7.38 -0.30 0.00	9.16 -0.29 0.00	4.55 -0.15 0.00	1.51 -0.04 0.00	6.27 -0.14 0.00	10.15 -0.23 0.00	13.27 -0.44 0.00	8.19 -0.31 0.00	4.96 -0.24 2.12	2.75 -0.06 0.00	7.14 -0.13 0.00	3.04 -0.04 0.00	6.10 -0.16 0.00	4.50 -0.08 0.00	17.18 -0.13 0.00	17.85 0.15 0.00	22.59 0.41 0.00	24.78 0.54 0.00	18.58 0.31 0.00	7.72 0.03 0.00	4.35 -0.03 0.00
LI_NEWBRDGE___DRP 323616	14.87 1.00 0.00	9.70 0.76 0.00	8.50 0.66 0.00	8.27 0.59 0.00	10.12 0.67 0.00	5.07 0.37 0.00	1.67 0.12 0.00	6.88 0.47 0.00	4.51 0.76 6.63	6.92 0.95 7.74	4.02 0.69 5.16	3.83 0.64 4.13	-15.62 0.23 18.65	-9.93 0.60 17.81	-7.35 0.30 10.73	7.79 0.51 -1.01	7.09 0.38 -2.13	16.45 1.28 2.16	8.73 1.30 10.27	17.93 1.31 5.56	26.92 1.40 -1.28	19.66 1.08 -0.31	12.63 0.52 -4.42	2.32 0.35 2.40
LOCKPORT_115KV_TB60_63_64 80432	13.46 -0.40 0.00	8.52 -0.42 0.00	7.54 -0.29 0.00	7.48 -0.20 0.00	9.22 -0.23 0.00	4.61 -0.10 0.00	1.52 -0.03 0.00	6.25 -0.17 0.00	8.08 -0.39 1.90	8.16 -0.46 5.09	4.99 -0.22 3.28	2.07 -0.27 4.99	0.79 -0.12 1.89	3.99 -0.30 2.98	2.91 -0.17 0.00	5.99 -0.27 0.00	4.26 -0.32 0.00	16.08 -1.24 0.00	16.47 -1.23 0.00	20.79 -1.39 0.00	22.67 -1.57 0.00	16.84 -1.43 0.00	7.12 -0.58 0.00	4.16 -0.22 0.00
LOCKPORT___CC1 323769	13.46 -0.40 0.00	8.52 -0.42 0.00	7.54 -0.29 0.00	7.48 -0.20 0.00	9.22 -0.23 0.00	4.61 -0.10 0.00	1.52 -0.03 0.00	6.25 -0.17 0.00	7.88 -0.39 2.11	7.59 -0.47 5.65	4.63 -0.23 3.64	1.55 -0.29 5.49	0.58 -0.12 2.10	3.66 -0.31 3.30	2.91 -0.17 0.00	5.99 -0.27 0.00	4.26 -0.32 0.00	16.08 -1.24 0.00	16.46 -1.24 0.00	20.79 -1.39 0.00	22.67 -1.57 0.00	16.84 -1.43 0.00	7.12 -0.58 0.00	4.16 -0.22 0.00
LOCKPORT___CC2 323770	13.46 -0.40 0.00	8.52 -0.42 0.00	7.54 -0.29 0.00	7.48 -0.20 0.00	9.22 -0.23 0.00	4.61 -0.10 0.00	1.52 -0.03 0.00	6.25 -0.17 0.00	7.88 -0.39 2.11	7.59 -0.47 5.65	4.63 -0.23 3.64	1.55 -0.29 5.49	0.58 -0.12 2.10	3.66 -0.31 3.30	2.91 -0.17 0.00	5.99 -0.27 0.00	4.26 -0.32 0.00	16.08 -1.24 0.00	16.46 -1.24 0.00	20.79 -1.39 0.00	22.67 -1.57 0.00	16.84 -1.43 0.00	7.12 -0.58 0.00	4.16 -0.22 0.00
LOCKPORT___CC3 323771	13.46 -0.40 0.00	8.52 -0.42 0.00	7.54 -0.29 0.00	7.48 -0.20 0.00	9.22 -0.23 0.00	4.61 -0.10 0.00	1.52 -0.03 0.00	6.25 -0.17 0.00	7.88 -0.39 2.11	7.59 -0.47 5.65	4.63 -0.23 3.64	1.55 -0.29 5.49	0.58 -0.12 2.10	3.66 -0.31 3.30	2.91 -0.17 0.00	5.99 -0.27 0.00	4.26 -0.32 0.00	16.08 -1.24 0.00	16.46 -1.24 0.00	20.79 -1.39 0.00	22.67 -1.57 0.00	16.84 -1.43 0.00	7.12 -0.58 0.00	4.16 -0.22 0.00
LOCUSVLY_69_KV_BK2 55797	14.95 1.09 0.00	9.74 0.80 0.00	8.52 0.69 0.00	8.30 0.62 0.00	10.16 0.71 0.00	5.09 0.39 0.00	1.68 0.13 0.00	6.91 0.49 0.00	16.56 0.80 -5.39	23.50 1.01 -8.78	31.29 0.73 -22.07	26.50 0.66 -18.51	18.10 0.24 -15.06	23.85 0.62 -15.96	28.47 0.30 -25.09	50.45 0.54 -43.65	45.51 0.40 -40.53	50.07 1.37 -31.38	251.88 1.36 -232.82	61.83 1.43 -38.22	81.59 1.53 -55.83	42.55 1.20 -23.08	59.77 0.55 -51.52	29.53 0.36 -24.80
LONG_LAKE_PHOENIX 24014	13.71 -0.15 0.00	8.83 -0.11 0.00	7.75 -0.09 0.00	7.60 -0.08 0.00	9.35 -0.09 0.00	4.66 -0.04 0.00	1.54 -0.02 0.00	6.33 -0.09 0.00	10.24 -0.14 0.00	13.52 -0.19 0.00	8.36 -0.13 0.00	6.74 -0.14 0.44	2.74 -0.07 0.00	7.10 -0.17 0.00	3.01 -0.07 0.00	6.14 -0.13 0.00	4.48 -0.10 0.00	16.90 -0.42 0.00	17.24 -0.46 0.00	21.63 -0.55 0.00	23.64 -0.59 0.00	17.83 -0.44 0.00	7.52 -0.17 0.00	4.30 -0.07 0.00
LOVETT___3 23632	14.66 0.80 0.00	9.50 0.55 0.00	8.31 0.47 0.00	8.11 0.43 0.00	9.94 0.49 0.00	4.96 0.26 0.00	1.64 0.09 0.00	6.75 0.33 0.00	10.91 0.53 0.00	14.37 0.65 0.00	8.93 0.44 0.00	7.40 0.40 0.32	2.94 0.14 0.00	7.65 0.38 0.00	3.28 0.20 0.00	6.62 0.35 0.00	4.84 0.26 0.00	18.23 0.91 0.00	18.51 0.81 0.00	23.06 0.88 0.00	25.14 0.90 0.00	19.00 0.73 0.00	8.01 0.32 0.00	4.62 0.24 0.00
LOVETT___4 23642	14.66 0.80 0.00	9.50 0.55 0.00	8.31 0.47 0.00	8.11 0.43 0.00	9.94 0.49 0.00	4.96 0.26 0.00	1.64 0.09 0.00	6.75 0.33 0.00	10.91 0.53 0.00	14.37 0.65 0.00	8.93 0.44 0.00	7.40 0.40 0.32	2.94 0.14 0.00	7.65 0.38 0.00	3.28 0.20 0.00	6.62 0.35 0.00	4.84 0.26 0.00	18.23 0.91 0.00	18.51 0.81 0.00	23.06 0.88 0.00	25.14 0.90 0.00	19.00 0.73 0.00	8.01 0.32 0.00	4.62 0.24 0.00
LOVETT___5 23593	14.66 0.80 0.00	9.50 0.55 0.00	8.31 0.47 0.00	8.11 0.43 0.00	9.94 0.49 0.00	4.96 0.26 0.00	1.64 0.09 0.00	6.75 0.33 0.00	10.91 0.53 0.00	14.37 0.65 0.00	8.93 0.44 0.00	7.40 0.40 0.32	2.94 0.14 0.00	7.65 0.38 0.00	3.28 0.20 0.00	6.62 0.35 0.00	4.84 0.26 0.00	18.23 0.91 0.00	18.51 0.81 0.00	23.06 0.88 0.00	25.14 0.90 0.00	19.00 0.73 0.00	8.01 0.32 0.00	4.62 0.24 0.00
LOWER RAQUET___HYD 24057	13.11 -0.75 0.00	8.42 -0.52 0.00	7.37 -0.47 0.00	7.25 -0.43 0.00	9.01 -0.44 0.00	4.48 -0.22 0.00	1.49 -0.06 0.00	6.19 -0.23 0.00	10.02 -0.36 0.00	13.17 -0.54 0.00	8.13 -0.36 0.00	4.93 -0.30 2.09	2.72 -0.09 0.00	7.07 -0.20 0.00	3.00 -0.08 0.00	6.05 -0.22 0.00	4.45 -0.13 0.00	16.97 -0.34 0.00	17.59 -0.11 0.00	22.22 0.04 0.00	24.39 0.15 0.00	18.29 0.02 0.00	7.60 -0.09 0.00	4.29 -0.08 0.00
LOWER___HUDSON 24059	14.43 0.56 0.00	9.37 0.43 0.00	8.20 0.37 0.00	8.03 0.35 0.00	9.88 0.42 0.00	4.92 0.22 0.00	1.62 0.07 0.00	6.69 0.27 0.00	10.82 0.44 0.00	14.22 0.50 0.00	8.75 0.25 0.00	7.18 0.22 0.36	2.88 0.07 0.00	7.44 0.17 0.00	3.16 0.08 0.00	6.39 0.12 0.00	4.68 0.10 0.00	17.71 0.39 0.00	18.10 0.40 0.00	22.70 0.52 0.00	24.78 0.54 0.00	18.72 0.45 0.00	7.93 0.24 0.00	4.54 0.17 0.00
LOWVILLE_115KV_TB2 356335	13.71 -0.16 0.00	8.80 -0.14 0.00	7.73 -0.11 0.00	7.60 -0.08 0.00	9.39 -0.06 0.00	4.66 -0.04 0.00	1.54 -0.01 0.00	6.36 -0.06 0.00	10.33 -0.06 0.00	13.47 -0.24 0.00	8.26 -0.24 0.00	6.03 -0.32 0.97	2.66 -0.15 0.00	6.87 -0.41 0.00	2.91 -0.16 0.00	5.87 -0.39 0.00	4.35 -0.23 0.00	16.57 -0.74 0.00	17.17 -0.52 0.00	21.97 -0.21 0.00	24.33 0.10 0.00	18.19 -0.08 0.00	7.69 0.00 0.00	4.43 0.06 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	14.61 0.75 0.00	9.47 0.53 0.00	8.30 0.47 0.00	8.13 0.45 0.00	10.01 0.56 0.00	4.98 0.28 0.00	1.64 0.09 0.00	6.77 0.35 0.00	10.97 0.59 0.00	14.42 0.70 0.00	8.86 0.36 0.00	7.24 0.28 0.37	2.90 0.10 0.00	7.50 0.23 0.00	3.19 0.10 0.00	6.45 0.19 0.00	4.73 0.16 0.00	17.93 0.61 0.00	18.35 0.65 0.00	23.07 0.88 0.00	25.22 0.98 0.00	19.04 0.77 0.00	8.05 0.36 0.00	4.61 0.23 0.00

LUTHERNY_35_KV_BK2 355980	14.61 0.74 0.00	9.47 0.53 0.00	8.30 0.47 0.00	8.13 0.45 0.00	10.01 0.57 0.00	4.98 0.28 0.00	1.64 0.09 0.00	6.77 0.35 0.00	10.97 0.59 0.00	14.42 0.71 0.00	8.86 0.36 0.00	7.24 0.28 0.37	2.90 0.10 0.00	7.50 0.23 0.00	3.19 0.11 0.00	6.46 0.19 0.00	4.73 0.15 0.00	17.95 0.63 0.00	18.35 0.65 0.00	23.09 0.90 0.00	25.24 1.00 0.00	19.04 0.77 0.00	8.05 0.36 0.00	4.61 0.23 0.00
LWR___OSWEGATCHIE_HYD 23850	13.33 -0.53 0.00	8.56 -0.38 0.00	7.50 -0.33 0.00	7.37 -0.31 0.00	9.14 -0.31 0.00	4.54 -0.16 0.00	1.50 -0.05 0.00	6.23 -0.19 0.00	10.11 -0.27 0.00	13.22 -0.49 0.00	8.12 -0.38 0.00	5.37 -0.38 1.58	2.67 -0.14 0.00	6.91 -0.37 0.00	2.94 -0.14 0.00	5.90 -0.36 0.00	4.35 -0.22 0.00	16.63 -0.69 0.00	17.24 -0.45 0.00	21.94 -0.24 0.00	24.21 -0.03 0.00	18.13 -0.14 0.00	7.59 -0.10 0.00	4.33 -0.04 0.00
LYONS_FALL_HYD 23570	13.90 0.04 0.00	8.94 0.00 0.00	7.84 0.01 0.00	7.70 0.02 0.00	9.50 0.05 0.00	4.72 0.02 0.00	1.56 0.01 0.00	6.43 0.02 0.00	10.43 0.05 0.00	13.68 -0.04 0.00	8.42 -0.08 0.00	6.33 -0.16 0.84	2.72 -0.08 0.00	7.04 -0.23 0.00	2.99 -0.09 0.00	6.04 -0.22 0.00	4.46 -0.12 0.00	16.92 -0.39 0.00	17.44 -0.25 0.00	22.15 -0.03 0.00	24.43 0.20 0.00	18.32 0.06 0.00	7.74 0.05 0.00	4.45 0.07 0.00
MADISON___COUNTY_LFGE 323628	14.21 0.35 0.00	9.14 0.20 0.00	8.02 0.18 0.00	7.87 0.18 0.00	9.68 0.23 0.00	4.83 0.12 0.00	1.59 0.04 0.00	6.56 0.14 0.00	10.59 0.21 0.00	13.98 0.27 0.00	8.63 0.14 0.00	6.78 0.06 0.60	2.81 0.00 0.00	7.28 0.00 0.00	3.10 0.02 0.00	6.29 0.02 0.00	4.62 0.05 0.00	17.42 0.11 0.00	17.85 0.16 0.00	22.50 0.32 0.00	24.65 0.41 0.00	18.57 0.30 0.00	7.83 0.14 0.00	4.49 0.11 0.00
MALONE___115KV_TB1 356076	13.23 -0.63 0.00	8.50 -0.45 0.00	7.42 -0.42 0.00	7.27 -0.41 0.00	8.97 -0.48 0.00	4.47 -0.24 0.00	1.47 -0.08 0.00	6.15 -0.27 0.00	9.97 -0.40 0.00	13.15 -0.57 0.00	8.14 -0.36 0.00	4.70 -0.27 2.36	2.72 -0.08 0.00	7.05 -0.22 0.00	3.00 -0.08 0.00	6.13 -0.14 0.00	4.45 -0.13 0.00	16.98 -0.33 0.00	17.60 -0.09 0.00	22.21 0.03 0.00	24.32 0.08 0.00	18.31 0.04 0.00	7.64 -0.05 0.00	4.31 -0.06 0.00
MAPLEWOD_115KV_TB3 80458	14.38 0.52 0.00	9.34 0.40 0.00	8.18 0.34 0.00	8.01 0.33 0.00	9.84 0.39 0.00	4.90 0.20 0.00	1.61 0.06 0.00	6.65 0.23 0.00	10.76 0.38 0.00	14.14 0.43 0.00	8.72 0.23 0.00	7.17 0.20 0.36	2.87 0.06 0.00	7.42 0.15 0.00	3.15 0.07 0.00	6.39 0.12 0.00	4.68 0.10 0.00	17.63 0.31 0.00	18.00 0.31 0.00	22.57 0.39 0.00	24.63 0.39 0.00	18.61 0.34 0.00	7.89 0.20 0.00	4.52 0.14 0.00
MAPLE_RIDGE_WT_1 323574	13.73 -0.13 0.00	8.85 -0.09 0.00	7.75 -0.08 0.00	7.60 -0.08 0.00	9.35 -0.10 0.00	4.64 -0.06 0.00	1.53 -0.02 0.00	6.35 -0.07 0.00	10.27 -0.11 0.00	13.51 -0.20 0.00	8.37 -0.13 0.00	5.81 -0.15 1.36	2.74 -0.06 0.00	7.09 -0.18 0.00	2.99 -0.09 0.00	6.10 -0.17 0.00	4.48 -0.10 0.00	16.99 -0.32 0.00	17.41 -0.28 0.00	21.90 -0.28 0.00	24.04 -0.19 0.00	18.08 -0.19 0.00	7.62 -0.07 0.00	4.36 -0.02 0.00
MAPLE_RIDGE_WT_2 323611	13.73 -0.13 0.00	8.85 -0.09 0.00	7.75 -0.08 0.00	7.60 -0.08 0.00	9.35 -0.10 0.00	4.64 -0.06 0.00	1.53 -0.02 0.00	6.35 -0.07 0.00	10.27 -0.11 0.00	13.51 -0.20 0.00	8.37 -0.13 0.00	5.81 -0.15 1.36	2.74 -0.06 0.00	7.09 -0.18 0.00	2.99 -0.09 0.00	6.10 -0.17 0.00	4.48 -0.10 0.00	16.99 -0.32 0.00	17.41 -0.28 0.00	21.90 -0.28 0.00	24.04 -0.19 0.00	18.08 -0.19 0.00	7.62 -0.07 0.00	4.36 -0.02 0.00
MARBLE_RIVER_WT_PWR 323696	13.18 -0.68 0.00	8.47 -0.47 0.00	7.39 -0.44 0.00	7.24 -0.44 0.00	8.91 -0.54 0.00	4.44 -0.27 0.00	1.46 -0.09 0.00	6.10 -0.32 0.00	9.87 -0.50 0.00	13.02 -0.69 0.00	8.06 -0.43 2.49	4.53 -0.31 0.00	2.70 -0.10 0.00	7.00 -0.28 0.00	2.98 -0.10 0.00	6.06 -0.20 0.00	4.42 -0.16 0.00	16.90 -0.42 0.00	17.47 -0.23 0.00	21.99 -0.19 0.00	24.03 -0.21 0.00	18.14 -0.13 0.00	7.58 -0.11 0.00	4.29 -0.09 0.00
MARSHVLE_115KV_TB1 80742	14.49 0.62 0.00	9.32 0.38 0.00	8.18 0.34 0.00	8.02 0.34 0.00	9.88 0.43 0.00	4.92 0.21 0.00	1.61 0.06 0.00	6.62 0.20 0.00	10.73 0.35 0.00	14.10 0.39 0.00	8.74 0.24 0.00	7.06 0.11 0.37	2.83 0.02 0.00	7.36 0.09 0.00	3.10 0.03 0.00	6.37 0.11 0.00	4.66 0.08 0.00	17.61 0.30 0.00	18.06 0.37 0.00	22.93 0.75 0.00	25.32 1.09 0.00	19.05 0.78 0.00	8.04 0.35 0.00	4.59 0.22 0.00
MARSH_HILL_WT_PWR 323713	13.28 -0.59 0.00	8.49 -0.45 0.00	7.47 -0.36 0.00	7.38 -0.30 0.00	9.14 -0.31 0.00	4.60 -0.10 0.00	1.52 -0.03 0.00	6.18 -0.24 0.00	18.05 -0.58 -8.25	34.67 -1.13 -22.09	22.09 -0.62 -14.22	26.85 -0.61 -20.14	10.77 -0.24 -8.21	19.54 -0.65 -12.92	2.86 -0.22 0.00	5.90 -0.37 0.00	4.27 -0.31 0.00	16.17 -1.15 0.00	16.49 -1.21 0.00	20.70 -1.48 0.00	22.91 -1.33 0.00	17.35 -0.93 0.00	7.35 -0.34 0.00	4.26 -0.12 0.00
MCINTYRE_115KV_TB2 80467	13.52 -0.35 0.00	8.68 -0.26 0.00	7.60 -0.24 0.00	7.46 -0.22 0.00	9.23 -0.22 0.00	4.58 -0.12 0.00	1.52 -0.03 0.00	6.31 -0.10 0.00	10.21 -0.16 0.00	13.34 -0.37 0.00	8.24 -0.25 0.00	4.97 -0.18 2.18	2.77 -0.04 0.00	7.20 -0.08 0.00	3.06 -0.02 0.00	6.14 -0.12 0.00	4.54 -0.04 0.00	17.31 0.00 0.00	18.02 0.32 0.00	22.79 0.61 0.00	24.98 0.74 0.00	18.72 0.46 0.00	7.77 0.08 0.00	4.37 0.00 0.00
MECO_____69_KV_BK1 80468	14.69 0.82 0.00	9.46 0.52 0.00	8.30 0.47 0.00	8.13 0.45 0.00	10.01 0.57 0.00	4.99 0.28 0.00	1.63 0.08 0.00	6.69 0.27 0.00	10.84 0.45 0.00	14.24 0.53 0.00	8.78 0.29 0.00	7.04 0.08 0.37	2.82 0.01 0.00	7.35 0.08 0.00	3.10 0.02 0.00	6.40 0.13 0.00	4.70 0.12 0.00	17.61 0.30 0.00	18.17 0.47 0.00	23.20 1.02 0.00	25.62 1.39 0.00	19.30 1.03 0.00	8.14 0.45 0.00	4.64 0.27 0.00
MENANDS___115KV_TB5 355628	14.32 0.46 0.00	9.31 0.37 0.00	8.15 0.32 0.00	7.98 0.30 0.00	9.81 0.36 0.00	4.88 0.18 0.00	1.60 0.05 0.00	6.63 0.21 0.00	10.72 0.34 0.00	14.08 0.37 0.00	8.68 0.19 0.00	7.15 0.18 0.36	2.86 0.05 0.00	7.41 0.13 0.00	3.15 0.07 0.00	6.37 0.10 0.00	4.66 0.08 0.00	17.55 0.23 0.00	17.92 0.23 0.00	22.45 0.26 0.00	24.48 0.25 0.00	18.51 0.24 0.00	7.85 0.16 0.00	4.50 0.12 0.00
MG INDUSTRY___DRP 24185	14.31 0.45 0.00	9.29 0.35 0.00	8.14 0.30 0.00	7.98 0.30 0.00	9.82 0.37 0.00	4.89 0.19 0.00	1.60 0.06 0.00	6.63 0.21 0.00	10.72 0.34 0.00	14.10 0.39 0.00	8.70 0.20 0.00	7.13 0.16 0.35	2.85 0.05 0.00	7.38 0.11 0.00	3.13 0.05 0.00	6.36 0.09 0.00	4.66 0.08 0.00	17.55 0.23 0.00	17.93 0.24 0.00	22.47 0.29 0.00	24.59 0.35 0.00	18.57 0.30 0.00	7.87 0.18 0.00	4.51 0.13 0.00

MID___OSWEGATCHIE_HYD 23849	13.33 -0.53 0.00	8.56 -0.38 0.00	7.50 -0.33 0.00	7.37 -0.31 0.00	9.14 -0.31 0.00	4.54 -0.16 0.00	1.50 -0.05 0.00	6.23 -0.19 0.00	10.11 -0.27 0.00	13.22 -0.49 0.00	8.12 -0.38 0.00	5.37 -0.38 1.58	2.67 -0.14 0.00	6.91 -0.37 0.00	2.94 -0.14 0.00	5.90 -0.36 0.00	4.35 -0.22 0.00	16.63 -0.69 0.00	17.24 -0.45 0.00	21.94 -0.24 0.00	24.21 -0.03 0.00	18.13 -0.14 0.00	7.59 -0.10 0.00	4.33 -0.04 0.00
MID___RAQUETTE_HYD 23851	13.11 -0.75 0.00	8.42 -0.52 0.00	7.37 -0.47 0.00	7.25 -0.43 0.00	9.01 -0.44 0.00	4.48 -0.22 0.00	1.49 -0.06 0.00	6.19 -0.23 0.00	10.02 -0.36 0.00	13.17 -0.54 0.00	8.13 -0.36 0.00	4.93 -0.30 2.09	2.72 -0.09 0.00	7.07 -0.20 0.00	3.00 -0.08 0.00	6.05 -0.22 0.00	4.45 -0.13 0.00	16.97 -0.34 0.00	17.59 -0.11 0.00	22.22 0.04 0.00	24.39 0.15 0.00	18.29 0.02 0.00	7.61 -0.09 0.00	4.29 -0.08 0.00
MILLIKEN___1 23584	14.08 0.21 0.00	9.05 0.11 0.00	7.95 0.11 0.00	7.81 0.13 0.00	9.62 0.17 0.00	4.80 0.10 0.00	1.58 0.03 0.00	6.50 0.08 0.00	11.07 0.09 -0.60	15.44 0.12 -1.61	9.63 0.10 -1.03	8.39 0.02 -1.04	3.39 0.00 -0.60	8.20 -0.01 -0.94	3.07 -0.01 0.00	6.30 0.03 0.00	4.60 0.02 0.00	17.36 0.04 0.00	17.73 0.03 0.00	22.26 0.07 0.00	24.37 0.14 0.00	18.37 0.10 0.00	7.74 0.05 0.00	4.44 0.06 0.00
MILLIKEN___2 23585	14.08 0.21 0.00	9.05 0.11 0.00	7.95 0.11 0.00	7.81 0.13 0.00	9.62 0.17 0.00	4.80 0.10 0.00	1.58 0.03 0.00	6.50 0.08 0.00	11.07 0.09 -0.60	15.44 0.12 -1.61	9.63 0.10 -1.03	8.39 0.02 -1.04	3.39 0.00 -0.60	8.20 -0.01 -0.94	3.07 -0.01 0.00	6.30 0.03 0.00	4.60 0.02 0.00	17.36 0.04 0.00	17.73 0.03 0.00	22.26 0.07 0.00	24.37 0.14 0.00	18.37 0.10 0.00	7.74 0.05 0.00	4.44 0.06 0.00
MILLIKEN___DIESEL 23629	14.08 0.21 0.00	9.05 0.11 0.00	7.95 0.11 0.00	7.81 0.13 0.00	9.62 0.17 0.00	4.80 0.10 0.00	1.58 0.03 0.00	6.50 0.08 0.00	11.07 0.09 -0.60	15.44 0.12 -1.61	9.63 0.10 -1.03	8.39 0.02 -1.04	3.39 0.00 -0.60	8.20 -0.01 -0.94	3.07 -0.01 0.00	6.30 0.03 0.00	4.60 0.02 0.00	17.36 0.04 0.00	17.73 0.03 0.00	22.26 0.07 0.00	24.37 0.14 0.00	18.37 0.10 0.00	7.74 0.05 0.00	4.44 0.06 0.00
MILLSEAT___LFGE 323607	13.72 -0.14 0.00	8.70 -0.24 0.00	7.69 -0.14 0.00	7.62 -0.06 0.00	9.38 -0.07 0.00	4.69 -0.02 0.00	1.54 0.00 0.00	6.34 -0.07 0.00	8.61 -0.25 1.52	9.39 -0.26 4.06	5.74 -0.14 2.61	3.06 -0.21 4.05	1.20 -0.09 1.51	4.70 -0.20 2.38	2.95 -0.13 0.00	6.09 -0.17 0.00	4.34 -0.24 0.00	16.49 -0.83 0.00	16.92 -0.78 0.00	21.36 -0.82 0.00	23.29 -0.94 0.00	17.32 -0.96 0.00	7.31 -0.39 0.00	4.25 -0.12 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	14.77 0.90 0.00	9.58 0.64 0.00	8.39 0.55 0.00	8.19 0.51 0.00	10.03 0.59 0.00	5.01 0.31 0.00	1.65 0.10 0.00	6.81 0.39 0.00	11.03 0.65 0.00	14.53 0.82 0.00	9.03 0.54 0.00	7.48 0.48 0.33	2.97 0.17 0.00	7.72 0.45 0.00	3.30 0.22 0.00	6.66 0.40 0.00	4.87 0.29 0.00	18.35 1.03 0.00	18.64 0.94 0.00	23.21 1.03 0.00	25.31 1.07 0.00	19.14 0.87 0.00	8.09 0.40 0.00	4.64 0.27 0.00
MILLWOOD_13_KV_LOAD 356217	14.78 0.92 0.00	9.59 0.65 0.00	8.40 0.56 0.00	8.20 0.51 0.00	10.05 0.60 0.00	5.02 0.31 0.00	1.65 0.10 0.00	6.82 0.40 0.00	11.04 0.67 0.00	14.55 0.84 0.00	9.05 0.55 0.00	7.49 0.49 0.33	2.98 0.17 0.00	7.73 0.45 0.00	3.31 0.22 0.00	6.67 0.40 0.00	4.87 0.30 0.00	18.37 1.06 0.00	18.66 0.96 0.00	23.25 1.07 0.00	25.35 1.11 0.00	19.17 0.90 0.00	8.10 0.41 0.00	4.65 0.27 0.00
MODEL_CITY_ENERGY 24167	13.35 -0.52 0.00	8.45 -0.49 0.00	7.47 -0.36 0.00	7.42 -0.26 0.00	9.14 -0.31 0.00	4.57 -0.14 0.00	1.51 -0.04 0.00	6.21 -0.21 0.00	7.97 -0.47 1.95	7.97 -0.53 5.21	4.88 -0.26 3.35	1.91 -0.31 5.09	0.74 -0.13 1.94	3.89 -0.34 3.05	2.89 -0.19 0.00	5.95 -0.31 0.00	4.23 -0.35 0.00	15.93 -1.39 0.00	16.30 -1.40 0.00	20.59 -1.60 0.00	22.44 -1.79 0.00	16.66 -1.61 0.00	7.04 -0.65 0.00	4.12 -0.26 0.00
MODERN_LFGE___ 323580	13.35 -0.52 0.00	8.45 -0.49 0.00	7.47 -0.36 0.00	7.42 -0.26 0.00	9.14 -0.31 0.00	4.57 -0.14 0.00	1.51 -0.04 0.00	6.21 -0.21 0.00	7.97 -0.47 1.95	7.97 -0.53 5.21	4.88 -0.26 3.35	1.91 -0.31 5.09	0.74 -0.13 1.94	3.89 -0.34 3.05	2.89 -0.19 0.00	5.95 -0.31 0.00	4.23 -0.35 0.00	15.93 -1.39 0.00	16.30 -1.40 0.00	20.59 -1.60 0.00	22.44 -1.79 0.00	16.66 -1.61 0.00	7.04 -0.65 0.00	4.12 -0.26 0.00
MOHAWK_PAPER___DRP 24187	14.38 0.52 0.00	9.34 0.40 0.00	8.18 0.34 0.00	8.01 0.33 0.00	9.84 0.39 0.00	4.90 0.20 0.00	1.61 0.06 0.00	6.65 0.23 0.00	10.76 0.38 0.00	14.14 0.43 0.00	8.72 0.23 0.00	7.17 0.20 0.36	2.87 0.06 0.00	7.42 0.15 0.00	3.15 0.07 0.00	6.39 0.12 0.00	4.68 0.10 0.00	17.63 0.31 0.00	18.00 0.31 0.00	22.57 0.39 0.00	24.63 0.39 0.00	18.61 0.34 0.00	7.89 0.20 0.00	4.52 0.14 0.00
MOHICAN___35_KV_115KV_LD 80490	14.71 0.85 0.00	9.55 0.61 0.00	8.37 0.54 0.00	8.20 0.52 0.00	10.10 0.65 0.00	5.03 0.32 0.00	1.65 0.10 0.00	6.85 0.43 0.00	11.11 0.73 0.00	14.58 0.87 0.00	8.90 0.40 0.00	7.27 0.31 0.37	2.91 0.11 0.00	7.53 0.26 0.00	3.19 0.11 0.00	6.45 0.18 0.00	4.74 0.16 0.00	18.02 0.70 0.00	18.51 0.82 0.00	23.27 1.09 0.00	25.47 1.24 0.00	19.28 1.01 0.00	8.15 0.46 0.00	4.67 0.29 0.00
MONGAUP___HYD 23641	14.52 0.66 0.00	9.38 0.44 0.00	8.21 0.37 0.00	8.02 0.34 0.00	9.84 0.39 0.00	4.90 0.20 0.00	1.61 0.06 0.00	6.65 0.23 0.00	10.72 0.34 0.00	14.11 0.40 0.00	8.72 0.22 0.00	7.21 0.20 0.32	2.86 0.06 0.00	7.44 0.17 0.00	3.15 0.07 0.00	6.41 0.15 0.00	4.70 0.12 0.00	17.86 0.54 0.00	18.18 0.48 0.00	22.76 0.58 0.00	24.89 0.66 0.00	18.83 0.56 0.00	8.01 0.32 0.00	4.59 0.22 0.00
MONTAUK___DIESEL 23721	14.72 0.86 0.00	9.61 0.67 0.00	8.46 0.62 0.00	8.23 0.55 0.00	10.07 0.62 0.00	5.06 0.36 0.00	1.66 0.11 0.00	6.82 0.40 0.00	6.91 0.67 4.14	10.23 0.88 4.37	9.51 0.69 -0.33	8.31 0.62 -0.37	-8.62 0.25 11.68	-2.99 0.56 10.82	-0.15 0.27 3.50	15.42 0.46 -8.69	13.95 0.37 -9.00	22.48 1.14 -4.02	53.60 1.19 -34.72	26.03 1.22 -2.63	36.54 1.34 -10.96	23.72 1.09 -4.37	20.92 0.58 -12.65	7.41 0.33 -2.71
MOONROAD_115KV_HARTFLD_TB1-2 355988	13.62 -0.24 0.00	8.58 -0.36 0.00	7.65 -0.19 0.00	7.64 -0.04 0.00	9.45 0.00 0.00	4.73 0.03 0.00	1.57 0.01 0.00	6.46 0.04 0.00	8.82 -0.04 1.52	9.51 -0.13 4.07	5.74 -0.14 2.62	3.03 -0.25 4.05	1.17 -0.12 1.51	4.48 -0.41 2.38	2.83 -0.25 0.00	5.87 -0.40 0.00	4.21 -0.37 0.00	15.88 -1.44 0.00	16.20 -1.49 0.00	20.62 -1.56 0.00	23.00 -1.24 0.00	17.20 -1.07 0.00	7.25 -0.44 0.00	4.23 -0.15 0.00

MORRIS_RIDGE___SOLAR 323848	13.43 -0.44 0.00	8.56 -0.39 0.00	7.56 -0.27 0.00	7.48 -0.20 0.00	9.24 -0.21 0.00	4.63 -0.07 0.00	1.53 -0.02 0.00	6.19 -0.23 0.00	-3.54 -0.51 13.41	-23.10 -0.89 35.93	-15.13 -0.49 23.13	-26.96 -0.50 33.78	-10.76 -0.21 13.35	-14.29 -0.54 21.02	2.88 -0.20 0.00	5.94 -0.32 0.00	4.25 -0.32 0.01	16.18 -1.14 0.00	16.53 -1.16 0.00	20.90 -1.28 0.00	22.96 -1.28 0.00	17.30 -0.97 0.00	7.33 -0.36 0.00	4.25 -0.12 0.00
MORTIMER_115KV_TB3 55949	13.72 -0.14 0.00	8.76 -0.18 0.00	7.72 -0.11 0.00	7.62 -0.06 0.00	9.38 -0.07 0.00	4.68 -0.03 0.00	1.54 -0.01 0.00	6.34 -0.07 0.00	10.21 -0.16 0.00	13.50 -0.21 0.00	8.40 -0.09 0.00	6.83 -0.14 0.35	2.74 -0.07 0.00	7.11 -0.16 0.00	3.00 -0.08 0.00	6.14 -0.13 0.00	4.43 -0.15 0.00	16.74 -0.58 0.00	17.11 -0.59 0.00	21.52 -0.66 0.00	23.49 -0.75 0.00	17.57 -0.70 0.00	7.41 -0.28 0.00	4.28 -0.09 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	14.86 1.00 0.00	9.64 0.70 0.00	8.45 0.61 0.00	8.24 0.56 0.00	10.10 0.65 0.00	5.04 0.34 0.00	1.66 0.11 0.00	6.86 0.44 0.00	11.11 0.73 0.00	14.65 0.94 0.00	9.11 0.62 0.00	7.55 0.55 0.33	3.00 0.20 0.00	7.79 0.52 0.00	3.34 0.26 0.00	6.72 0.45 0.00	4.90 0.33 0.00	18.48 1.16 0.00	18.75 1.06 0.00	23.34 1.16 0.00	25.44 1.21 0.00	19.24 0.97 0.00	8.13 0.44 0.00	4.67 0.30 0.00
MUNSVILLE_WIND_PWR 323609	14.22 0.35 0.00	9.12 0.18 0.00	8.01 0.17 0.00	7.91 0.23 0.00	9.78 0.33 0.00	4.90 0.20 0.00	1.63 0.08 0.00	6.65 0.23 0.00	11.15 0.34 -0.43	15.21 0.35 -1.14	9.54 0.31 -0.74	8.11 0.17 -0.61	3.24 0.01 -0.42	7.99 0.05 -0.67	3.07 -0.01 0.00	6.32 0.06 0.00	4.65 0.07 0.00	17.87 0.55 0.00	18.58 0.88 0.00	23.56 1.38 0.00	25.91 1.67 0.00	19.47 1.20 0.00	8.13 0.44 0.00	4.65 0.27 0.00
N SALMON___HYD 24042	13.23 -0.63 0.00	8.50 -0.45 0.00	7.42 -0.42 0.00	7.27 -0.41 0.00	8.97 -0.48 0.00	4.47 -0.24 0.00	1.47 -0.08 0.00	6.15 -0.27 0.00	9.97 -0.40 0.00	13.15 -0.57 0.00	8.14 -0.36 0.00	4.70 -0.27 2.36	2.72 -0.08 0.00	7.05 -0.22 0.00	3.00 -0.08 0.00	6.13 -0.14 0.00	4.45 -0.13 0.00	16.98 -0.33 0.00	17.60 -0.09 0.00	22.21 0.03 0.00	24.32 0.08 0.00	18.31 0.04 0.00	7.64 -0.05 0.00	4.31 -0.06 0.00
N.AKRON__115KV_KNAPP 355671	13.70 -0.17 0.00	8.68 -0.26 0.00	7.67 -0.16 0.00	7.60 -0.08 0.00	9.37 -0.08 0.00	4.68 -0.03 0.00	1.54 -0.01 0.00	6.34 -0.08 0.00	8.49 -0.25 1.64	9.05 -0.28 4.38	5.54 -0.13 2.82	2.79 -0.20 4.34	1.09 -0.09 1.63	4.50 -0.20 2.56	2.95 -0.13 0.00	6.09 -0.18 0.00	4.34 -0.24 0.00	16.44 -0.87 0.00	16.87 -0.83 0.00	21.29 -0.89 0.00	23.22 -1.02 0.00	17.26 -1.01 0.00	7.28 -0.41 0.00	4.24 -0.13 0.00
N.E_GEN_SANDY PD 24062	14.42 0.71 0.15	9.47 0.53 0.00	8.29 0.46 0.00	8.11 0.43 0.00	9.96 0.51 0.00	4.97 0.27 0.00	1.63 0.08 0.00	6.75 0.34 0.00	10.93 0.55 0.00	14.36 0.65 0.00	8.98 0.37 -0.12	7.32 0.34 0.34	4.76 0.12 -1.83	7.56 0.29 0.00	5.34 0.14 -2.13	6.49 0.22 0.00	4.75 0.17 0.00	18.68 0.64 -0.72	18.32 0.62 0.00	22.91 0.73 0.00	24.98 0.74 0.00	18.84 0.62 0.05	8.05 0.32 -0.04	4.54 0.21 0.05
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	14.69 0.83 0.00	9.51 0.58 0.00	8.33 0.49 0.00	8.12 0.44 0.00	9.96 0.51 0.00	4.97 0.27 0.00	1.64 0.09 0.00	6.76 0.34 0.00	10.93 0.55 0.00	14.40 0.69 0.00	8.95 0.46 0.32	7.41 0.42 0.00	2.95 0.15 0.00	7.67 0.39 0.00	3.28 0.20 0.00	6.63 0.37 0.00	4.85 0.27 0.00	18.27 0.95 0.00	18.56 0.86 0.00	23.12 0.94 0.00	25.21 0.97 0.00	19.05 0.78 0.00	8.03 0.34 0.00	4.63 0.25 0.00
N.QUEENS_27_KV_LOAD 356247	14.80 0.94 0.00	9.58 0.64 0.00	8.37 0.53 0.00	8.16 0.48 0.00	10.04 0.59 0.00	5.02 0.31 0.00	1.65 0.10 0.00	6.83 0.42 0.00	11.08 0.71 0.00	14.64 0.93 0.00	9.12 0.63 0.33	7.55 0.56 0.00	3.00 0.19 0.00	7.80 0.53 0.00	3.32 0.24 0.00	6.69 0.43 0.00	4.89 0.31 0.00	18.41 1.10 0.00	19.77 1.00 -1.07	23.31 1.13 0.00	25.41 1.17 0.00	19.21 0.94 0.00	8.11 0.42 0.00	4.67 0.29 0.00
N.TROY___115KV_TB1 355778	14.43 0.56 0.00	9.37 0.42 0.00	8.20 0.37 0.00	8.03 0.35 0.00	9.88 0.42 0.00	4.92 0.22 0.00	1.62 0.07 0.00	6.69 0.27 0.00	10.82 0.44 0.00	14.22 0.50 0.00	8.75 0.25 0.00	7.18 0.22 0.36	2.88 0.07 0.00	7.44 0.17 0.00	3.16 0.08 0.00	6.39 0.12 0.00	4.68 0.10 0.00	17.70 0.39 0.00	18.10 0.40 0.00	22.70 0.52 0.00	24.78 0.54 0.00	18.72 0.45 0.00	7.93 0.24 0.00	4.54 0.17 0.00
NARROWS_GT1_1 24228	14.95 1.08 -0.01	9.71 0.76 -0.01	8.50 0.66 0.00	8.28 0.60 0.00	10.16 0.72 0.00	5.07 0.37 0.00	1.67 0.12 0.00	6.90 0.48 0.00	11.18 0.80 0.00	14.73 1.02 0.00	9.18 0.68 0.00	7.60 0.60 0.33	3.02 0.22 0.00	7.85 0.58 0.00	3.36 0.28 0.00	6.77 0.50 -0.01	4.93 0.35 0.00	18.53 1.21 0.00	18.82 1.12 0.00	23.43 1.24 0.00	25.54 1.30 0.00	19.31 1.04 0.00	8.16 0.46 0.00	4.69 0.31 0.00
NARROWS_GT1_2 24229	14.95 1.08 -0.01	9.71 0.76 -0.01	8.50 0.66 0.00	8.28 0.60 0.00	10.16 0.72 0.00	5.07 0.37 0.00	1.67 0.12 0.00	6.90 0.48 0.00	11.18 0.80 0.00	14.73 1.02 0.00	9.18 0.68 0.00	7.60 0.60 0.33	3.02 0.22 0.00	7.85 0.58 0.00	3.36 0.28 0.00	6.77 0.50 -0.01	4.93 0.35 0.00	18.53 1.21 0.00	18.82 1.12 0.00	23.43 1.24 0.00	25.54 1.30 0.00	19.31 1.04 0.00	8.16 0.46 0.00	4.69 0.31 0.00
NARROWS_GT1_3 24230	14.95 1.08 -0.01	9.71 0.76 -0.01	8.50 0.66 0.00	8.28 0.60 0.00	10.16 0.72 0.00	5.07 0.37 0.00	1.67 0.12 0.00	6.90 0.48 0.00	11.18 0.80 0.00	14.73 1.02 0.00	9.18 0.68 0.00	7.60 0.60 0.33	3.02 0.22 0.00	7.85 0.58 0.00	3.36 0.28 0.00	6.77 0.50 -0.01	4.93 0.35 0.00	18.53 1.21 0.00	18.82 1.12 0.00	23.43 1.24 0.00	25.54 1.30 0.00	19.31 1.04 0.00	8.16 0.46 0.00	4.69 0.31 0.00
NARROWS_GT1_4 24231	14.95 1.08 -0.01	9.71 0.76 -0.01	8.50 0.66 0.00	8.28 0.60 0.00	10.16 0.72 0.00	5.07 0.37 0.00	1.67 0.12 0.00	6.90 0.48 0.00	11.18 0.80 0.00	14.73 1.02 0.00	9.18 0.68 0.00	7.60 0.60 0.33	3.02 0.22 0.00	7.85 0.58 0.00	3.36 0.28 0.00	6.77 0.50 -0.01	4.93 0.35 0.00	18.53 1.21 0.00	18.82 1.12 0.00	23.43 1.24 0.00	25.54 1.30 0.00	19.31 1.04 0.00	8.16 0.46 0.00	4.69 0.31 0.00
NARROWS_GT1_5 24232	14.95 1.08 -0.01	9.71 0.76 -0.01	8.50 0.66 0.00	8.28 0.60 0.00	10.16 0.72 0.00	5.07 0.37 0.00	1.67 0.12 0.00	6.90 0.48 0.00	11.18 0.80 0.00	14.73 1.02 0.00	9.18 0.68 0.00	7.60 0.60 0.33	3.02 0.22 0.00	7.85 0.58 0.00	3.36 0.28 0.00	6.77 0.50 -0.01	4.93 0.35 0.00	18.53 1.21 0.00	18.82 1.12 0.00	23.43 1.24 0.00	25.54 1.30 0.00	19.31 1.04 0.00	8.16 0.46 0.00	4.69 0.31 0.00

NARROWS_GT1_6 24233	14.95 1.08 -0.01	9.71 0.76 -0.01	8.50 0.66 0.00	8.28 0.60 0.00	10.16 0.72 0.00	5.07 0.37 0.00	1.67 0.12 0.00	6.90 0.48 0.00	11.18 0.80 0.00	14.73 1.02 0.00	9.18 0.68 0.00	7.60 0.60 0.33	3.02 0.22 0.00	7.85 0.58 0.00	3.36 0.28 0.00	6.77 0.50 -0.01	4.93 0.35 0.00	18.53 1.21 0.00	18.82 1.12 0.00	23.43 1.24 0.00	25.54 1.30 0.00	19.31 1.04 0.00	8.16 0.46 0.00	4.69 0.31 0.00
NARROWS_GT1_7 24234	14.95 1.08 -0.01	9.71 0.76 -0.01	8.50 0.66 0.00	8.28 0.60 0.00	10.16 0.72 0.00	5.07 0.37 0.00	1.67 0.12 0.00	6.90 0.48 0.00	11.18 0.80 0.00	14.73 1.02 0.00	9.18 0.68 0.00	7.60 0.60 0.33	3.02 0.22 0.00	7.85 0.58 0.00	3.36 0.28 0.00	6.77 0.50 -0.01	4.93 0.35 0.00	18.53 1.21 0.00	18.82 1.12 0.00	23.43 1.24 0.00	25.54 1.30 0.00	19.31 1.04 0.00	8.16 0.46 0.00	4.69 0.31 0.00
NARROWS_GT1_8 24235	14.95 1.08 -0.01	9.71 0.76 -0.01	8.50 0.66 0.00	8.28 0.60 0.00	10.16 0.72 0.00	5.07 0.37 0.00	1.67 0.12 0.00	6.90 0.48 0.00	11.18 0.80 0.00	14.73 1.02 0.00	9.18 0.68 0.00	7.60 0.60 0.33	3.02 0.22 0.00	7.85 0.58 0.00	3.36 0.28 0.00	6.77 0.50 -0.01	4.93 0.35 0.00	18.53 1.21 0.00	18.82 1.12 0.00	23.43 1.24 0.00	25.54 1.30 0.00	19.31 1.04 0.00	8.16 0.46 0.00	4.69 0.31 0.00
NARROWS_GT2_1 24236	14.95 1.08 -0.01	9.71 0.76 -0.01	8.50 0.66 0.00	8.28 0.60 0.00	10.16 0.72 0.00	5.07 0.37 0.00	1.67 0.12 0.00	6.90 0.48 0.00	11.18 0.80 0.00	14.73 1.02 0.00	9.18 0.68 0.00	7.60 0.60 0.33	3.02 0.22 0.00	7.85 0.58 0.00	3.36 0.28 0.00	6.77 0.50 -0.01	4.93 0.35 0.00	18.53 1.21 0.00	18.82 1.12 0.00	23.43 1.24 0.00	25.54 1.30 0.00	19.31 1.04 0.00	8.16 0.46 0.00	4.69 0.31 0.00
NARROWS_GT2_2 24237	14.95 1.08 -0.01	9.71 0.76 -0.01	8.50 0.66 0.00	8.28 0.60 0.00	10.16 0.72 0.00	5.07 0.37 0.00	1.67 0.12 0.00	6.90 0.48 0.00	11.18 0.80 0.00	14.73 1.02 0.00	9.18 0.68 0.00	7.60 0.60 0.33	3.02 0.22 0.00	7.85 0.58 0.00	3.36 0.28 0.00	6.77 0.50 -0.01	4.93 0.35 0.00	18.53 1.21 0.00	18.82 1.12 0.00	23.43 1.24 0.00	25.54 1.30 0.00	19.31 1.04 0.00	8.16 0.46 0.00	4.69 0.31 0.00
NARROWS_GT2_3 24238	14.95 1.08 -0.01	9.71 0.76 -0.01	8.50 0.66 0.00	8.28 0.60 0.00	10.16 0.72 0.00	5.07 0.37 0.00	1.67 0.12 0.00	6.90 0.48 0.00	11.18 0.80 0.00	14.73 1.02 0.00	9.18 0.68 0.00	7.60 0.60 0.33	3.02 0.22 0.00	7.85 0.58 0.00	3.36 0.28 0.00	6.77 0.50 -0.01	4.93 0.35 0.00	18.53 1.21 0.00	18.82 1.12 0.00	23.43 1.24 0.00	25.54 1.30 0.00	19.31 1.04 0.00	8.16 0.46 0.00	4.69 0.31 0.00
NARROWS_GT2_4 24239	14.95 1.08 -0.01	9.71 0.76 -0.01	8.50 0.66 0.00	8.28 0.60 0.00	10.16 0.72 0.00	5.07 0.37 0.00	1.67 0.12 0.00	6.90 0.48 0.00	11.18 0.80 0.00	14.73 1.02 0.00	9.18 0.68 0.00	7.60 0.60 0.33	3.02 0.22 0.00	7.85 0.58 0.00	3.36 0.28 0.00	6.77 0.50 -0.01	4.93 0.35 0.00	18.53 1.21 0.00	18.82 1.12 0.00	23.43 1.24 0.00	25.54 1.30 0.00	19.31 1.04 0.00	8.16 0.46 0.00	4.69 0.31 0.00
NARROWS_GT2_5 24240	14.95 1.08 -0.01	9.71 0.76 -0.01	8.50 0.66 0.00	8.28 0.60 0.00	10.16 0.72 0.00	5.07 0.37 0.00	1.67 0.12 0.00	6.90 0.48 0.00	11.18 0.80 0.00	14.73 1.02 0.00	9.18 0.68 0.00	7.60 0.60 0.33	3.02 0.22 0.00	7.85 0.58 0.00	3.36 0.28 0.00	6.77 0.50 -0.01	4.93 0.35 0.00	18.53 1.21 0.00	18.82 1.12 0.00	23.43 1.24 0.00	25.54 1.30 0.00	19.31 1.04 0.00	8.16 0.46 0.00	4.69 0.31 0.00
NARROWS_GT2_6 24241	14.95 1.08 -0.01	9.71 0.76 -0.01	8.50 0.66 0.00	8.28 0.60 0.00	10.16 0.72 0.00	5.07 0.37 0.00	1.67 0.12 0.00	6.90 0.48 0.00	11.18 0.80 0.00	14.73 1.02 0.00	9.18 0.68 0.00	7.60 0.60 0.33	3.02 0.22 0.00	7.85 0.58 0.00	3.36 0.28 0.00	6.77 0.50 -0.01	4.93 0.35 0.00	18.53 1.21 0.00	18.82 1.12 0.00	23.43 1.24 0.00	25.54 1.30 0.00	19.31 1.04 0.00	8.16 0.46 0.00	4.69 0.31 0.00
NARROWS_GT2_7 24242	14.95 1.08 -0.01	9.71 0.76 -0.01	8.50 0.66 0.00	8.28 0.60 0.00	10.16 0.72 0.00	5.07 0.37 0.00	1.67 0.12 0.00	6.90 0.48 0.00	11.18 0.80 0.00	14.73 1.02 0.00	9.18 0.68 0.00	7.60 0.60 0.33	3.02 0.22 0.00	7.85 0.58 0.00	3.36 0.28 0.00	6.77 0.50 -0.01	4.93 0.35 0.00	18.53 1.21 0.00	18.82 1.12 0.00	23.43 1.24 0.00	25.54 1.30 0.00	19.31 1.04 0.00	8.16 0.46 0.00	4.69 0.31 0.00
NARROWS_GT2_8 24243	14.95 1.08 -0.01	9.71 0.76 -0.01	8.50 0.66 0.00	8.28 0.60 0.00	10.16 0.72 0.00	5.07 0.37 0.00	1.67 0.12 0.00	6.90 0.48 0.00	11.18 0.80 0.00	14.73 1.02 0.00	9.18 0.68 0.00	7.60 0.60 0.33	3.02 0.22 0.00	7.85 0.58 0.00	3.36 0.28 0.00	6.77 0.50 -0.01	4.93 0.35 0.00	18.53 1.21 0.00	18.82 1.12 0.00	23.43 1.24 0.00	25.54 1.30 0.00	19.31 1.04 0.00	8.16 0.46 0.00	4.69 0.31 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	14.55 0.69 0.00	9.44 0.49 0.00	8.26 0.42 0.00	8.10 0.42 0.00	9.97 0.52 0.00	4.96 0.26 0.00	1.63 0.08 0.00	6.74 0.31 0.00	10.90 0.51 0.00	14.31 0.60 0.00	8.84 0.34 0.00	7.22 0.25 0.35	2.88 0.08 0.00	7.46 0.18 0.00	3.17 0.09 0.00	6.42 0.15 0.00	4.71 0.13 0.00	17.79 0.47 0.00	18.17 0.47 0.00	22.83 0.65 0.00	25.03 0.80 0.00	18.91 0.64 0.00	8.01 0.32 0.00	4.58 0.20 0.00
NCHELSEA_115KV_TR2 355582	14.80 0.94 0.00	9.60 0.66 0.00	8.40 0.56 0.00	8.21 0.53 0.00	10.07 0.63 0.00	5.03 0.32 0.00	1.66 0.11 0.00	6.84 0.42 0.00	11.07 0.69 0.00	14.59 0.88 0.00	9.07 0.57 0.00	7.49 0.50 0.33	2.98 0.18 0.00	7.73 0.46 0.00	3.30 0.22 0.00	6.68 0.41 0.00	4.88 0.30 0.00	18.41 1.10 0.00	18.74 1.04 0.00	23.37 1.19 0.00	25.49 1.26 0.00	19.27 1.00 0.00	8.13 0.44 0.00	4.67 0.29 0.00
NEG CAPITAL___MECHNVIL 23645	14.62 0.75 0.00	9.48 0.54 0.00	8.31 0.47 0.00	8.14 0.46 0.00	10.01 0.56 0.00	4.98 0.28 0.00	1.64 0.09 0.00	6.78 0.36 0.00	10.98 0.60 0.00	14.42 0.71 0.00	8.87 0.38 0.00	7.26 0.30 0.36	2.91 0.10 0.00	7.52 0.24 0.00	3.19 0.11 0.00	6.47 0.20 0.00	4.75 0.17 0.00	17.96 0.65 0.00	18.38 0.68 0.00	23.10 0.92 0.00	25.23 1.00 0.00	19.06 0.79 0.00	8.06 0.37 0.00	4.61 0.24 0.00
NEG CENTRAL_HIGH_ACRES 23767	13.51 -0.36 0.00	8.63 -0.31 0.00	7.61 -0.23 0.00	7.50 -0.18 0.00	9.23 -0.22 0.00	4.60 -0.10 0.00	1.51 -0.03 0.00	6.24 -0.18 0.00	10.05 -0.33 0.00	13.30 -0.41 0.00	8.27 -0.23 0.00	6.70 -0.26 0.37	2.70 -0.11 0.00	7.00 -0.27 0.00	2.96 -0.12 0.00	6.06 -0.21 0.00	4.38 -0.20 0.00	16.54 -0.78 0.00	16.89 -0.80 0.00	21.24 -0.94 0.00	23.18 -1.05 0.00	17.36 -0.91 0.00	7.32 -0.37 0.00	4.22 -0.15 0.00

NEG CENTRAL___DRP 24199	13.83 -0.03 0.00	8.88 -0.07 0.00	7.80 -0.04 0.00	7.67 -0.01 0.00	9.45 0.00 0.00	4.72 0.02 0.00	1.56 0.01 0.00	6.39 -0.03 0.00	11.06 -0.10 -0.77	15.64 -0.15 -2.07	9.76 -0.07 -1.33	8.73 -0.11 -1.52	3.52 -0.06 -0.77	8.34 -0.15 -1.21	3.03 -0.05 0.00	6.19 -0.08 0.00	4.51 -0.07 0.00	16.98 -0.33 0.00	17.32 -0.38 0.00	21.76 -0.42 0.00	23.81 -0.43 0.00	17.92 -0.34 0.00	7.56 -0.13 0.00	4.34 -0.03 0.00
NEG CENTRAL___INDECK 23768	13.93 0.07 0.00	8.88 -0.07 0.00	7.83 0.00 0.00	7.73 0.05 0.00	9.54 0.09 0.00	4.78 0.07 0.00	1.57 0.02 0.00	6.39 -0.03 0.00	18.64 -0.19 -8.46	35.97 -0.39 -22.65	22.87 -0.20 -14.58	27.76 -0.25 -20.69	11.12 -0.11 -8.42	20.25 -0.27 -13.25	2.99 -0.09 0.00	6.12 -0.14 0.00	4.41 -0.17 0.00	16.75 -0.57 0.00	17.16 -0.54 0.00	21.74 -0.44 0.00	23.92 -0.32 0.00	18.01 -0.26 0.00	7.60 -0.09 0.00	4.39 0.02 0.00
NEG CENTRAL___SENECA 23627	13.84 -0.03 0.00	8.86 -0.08 0.00	7.79 -0.05 0.00	7.67 -0.01 0.00	9.45 0.00 0.00	4.72 0.02 0.00	1.56 0.01 0.00	6.40 -0.02 0.00	11.51 -0.10 -1.24	16.85 -0.18 -3.32	10.55 -0.08 -2.14	9.88 -0.13 -2.68	3.97 -0.06 -1.23	9.04 -0.17 -1.94	3.02 -0.06 0.00	6.19 -0.08 0.00	4.49 -0.08 0.00	16.95 -0.37 0.00	17.29 -0.41 0.00	21.75 -0.43 0.00	23.81 -0.42 0.00	17.91 -0.36 0.00	7.55 -0.14 0.00	4.35 -0.02 0.00
NEG CENTRAL___STATE_STREET 24147	13.94 0.08 0.00	8.97 0.03 0.00	7.88 0.05 0.00	7.74 0.06 0.00	9.54 0.09 0.00	4.76 0.05 0.00	1.57 0.02 0.00	6.43 0.01 0.00	10.35 -0.03 0.00	13.72 0.01 0.00	8.51 0.02 0.00	6.90 -0.04 0.39	2.78 -0.02 0.00	7.22 -0.05 0.00	3.06 -0.02 0.00	6.25 -0.02 0.00	4.55 -0.02 0.00	17.17 -0.15 0.00	17.48 -0.22 0.00	21.94 -0.24 0.00	24.00 -0.23 0.00	18.09 -0.19 0.00	7.62 -0.07 0.00	4.37 -0.01 0.00
NEG MILLWOOD___DRP 24198	14.85 0.99 0.00	9.63 0.69 0.00	8.43 0.60 0.00	8.24 0.56 0.00	10.10 0.65 0.00	5.04 0.34 0.00	1.66 0.11 0.00	6.86 0.44 0.00	11.11 0.73 0.00	14.64 0.93 0.00	9.10 0.61 0.00	7.53 0.54 0.33	2.99 0.19 0.00	7.77 0.49 0.00	3.32 0.24 0.00	6.70 0.43 0.00	4.90 0.32 0.00	18.49 1.17 0.00	18.80 1.10 0.00	23.44 1.26 0.00	25.57 1.33 0.00	19.32 1.05 0.00	8.16 0.47 0.00	4.68 0.30 0.00
NEG NORTH_FLCN_SEA 23793	13.32 -0.55 0.00	8.56 -0.38 0.00	7.47 -0.37 0.00	7.31 -0.37 0.00	8.99 -0.45 0.00	4.48 -0.22 0.00	1.47 -0.08 0.00	6.15 -0.26 0.00	9.97 -0.41 0.00	13.12 -0.59 0.00	8.12 -0.37 0.00	4.60 -0.24 2.48	2.73 -0.08 0.00	7.05 -0.22 0.00	3.01 -0.07 0.00	6.13 -0.14 0.00	4.46 -0.12 0.00	17.06 -0.25 0.00	17.66 -0.04 0.00	22.24 0.06 0.00	24.29 0.05 0.00	18.34 0.07 0.00	7.67 -0.02 0.00	4.34 -0.04 0.00
NEG NORTH_KES_CHATEGAY 23792	13.18 -0.68 0.00	8.47 -0.47 0.00	7.39 -0.44 0.00	7.24 -0.44 0.00	8.91 -0.54 0.00	4.43 -0.27 0.00	1.46 -0.09 0.00	6.09 -0.33 0.00	9.86 -0.52 0.00	13.01 -0.70 0.00	8.06 -0.44 0.00	4.55 -0.32 2.45	2.70 -0.10 0.00	6.99 -0.28 0.00	2.98 -0.10 0.00	6.05 -0.21 0.00	4.41 -0.16 0.00	16.89 -0.43 0.00	17.48 -0.22 0.00	22.02 -0.16 0.00	24.08 -0.15 0.00	18.17 -0.10 0.00	7.60 -0.09 0.00	4.29 -0.08 0.00
NEG NORTH___ALICE_FALLS 23915	13.33 -0.54 0.00	8.57 -0.37 0.00	7.47 -0.37 0.00	7.31 -0.37 0.00	9.00 -0.45 0.00	4.48 -0.22 0.00	1.47 -0.08 0.00	6.15 -0.26 0.00	9.96 -0.42 0.00	13.13 -0.58 0.00	8.13 -0.36 0.00	4.61 -0.24 2.48	2.73 -0.08 0.00	7.05 -0.22 0.00	3.01 -0.07 0.00	6.14 -0.12 0.00	4.46 -0.12 0.00	17.06 -0.25 0.00	17.66 -0.03 0.00	22.28 0.10 0.00	24.34 0.11 0.00	18.37 0.10 0.00	7.68 -0.01 0.00	4.34 -0.04 0.00
NEG NORTH___LWR_SARANAC 23913	13.33 -0.54 0.00	8.57 -0.37 0.00	7.47 -0.37 0.00	7.31 -0.37 0.00	9.00 -0.45 0.00	4.48 -0.22 0.00	1.47 -0.08 0.00	6.15 -0.26 0.00	9.96 -0.42 0.00	13.13 -0.58 0.00	8.13 -0.36 0.00	4.61 -0.24 2.48	2.73 -0.08 0.00	7.05 -0.22 0.00	3.01 -0.07 0.00	6.14 -0.12 0.00	4.46 -0.12 0.00	17.06 -0.25 0.00	17.66 -0.03 0.00	22.28 0.10 0.00	24.34 0.11 0.00	18.37 0.10 0.00	7.68 -0.01 0.00	4.34 -0.04 0.00
NEG NORTH___PLATTSBURG 23628	13.33 -0.54 0.00	8.57 -0.37 0.00	7.47 -0.37 0.00	7.31 -0.37 0.00	9.00 -0.45 0.00	4.48 -0.22 0.00	1.47 -0.08 0.00	6.15 -0.26 0.00	9.96 -0.42 0.00	13.13 -0.58 0.00	8.13 -0.36 0.00	4.61 -0.24 2.48	2.73 -0.08 0.00	7.05 -0.22 0.00	3.01 -0.07 0.00	6.14 -0.12 0.00	4.46 -0.12 0.00	17.06 -0.25 0.00	17.66 -0.03 0.00	22.28 0.10 0.00	24.34 0.11 0.00	18.37 0.10 0.00	7.68 -0.01 0.00	4.34 -0.04 0.00
NEG WEST_LEA_LOCKPORT 23791	13.46 -0.40 0.00	8.52 -0.42 0.00	7.54 -0.29 0.00	7.48 -0.20 0.00	9.22 -0.23 0.00	4.61 -0.10 0.00	1.52 -0.03 0.00	6.25 -0.17 0.00	7.88 -0.39 2.11	7.59 -0.47 5.65	4.63 -0.23 3.64	1.55 -0.28 5.49	0.58 -0.12 2.10	3.66 -0.31 3.30	2.90 -0.18 0.00	5.99 -0.27 0.00	4.26 -0.32 0.00	16.08 -1.24 0.00	16.46 -1.24 0.00	20.79 -1.39 0.00	22.67 -1.56 0.00	16.84 -1.43 0.00	7.12 -0.57 0.00	4.16 -0.22 0.00
NEG WEST___LANCASTR 23811	13.76 -0.10 0.00	8.74 -0.20 0.00	7.74 -0.10 0.00	7.66 -0.02 0.00	9.44 -0.01 0.00	4.72 0.02 0.00	1.56 0.01 0.00	6.41 -0.01 0.00	8.40 -0.08 1.90	8.42 -0.21 5.08	5.16 -0.07 3.27	2.19 -0.15 4.98	0.84 -0.08 1.89	4.10 -0.20 2.97	2.95 -0.13 0.00	6.10 -0.17 0.00	4.36 -0.22 0.00	16.46 -0.86 0.00	16.79 -0.90 0.00	21.18 -1.00 0.00	23.15 -1.08 0.00	17.28 -0.99 0.00	7.31 -0.39 0.00	4.26 -0.12 0.00
NEG_PENN_ALLEGHNY 23528	13.97 0.11 0.00	8.98 0.04 0.00	7.89 0.06 0.00	7.75 0.07 0.00	9.54 0.09 0.00	4.76 0.06 0.00	1.57 0.02 0.00	6.48 0.06 0.00	10.48 0.10 0.00	13.77 0.06 0.00	8.57 0.08 0.00	6.89 0.01 0.45	2.80 -0.01 0.00	7.25 -0.02 0.00	3.06 -0.02 0.00	6.26 0.00 0.00	4.56 -0.02 0.00	17.18 -0.14 0.00	17.49 -0.21 0.00	21.93 -0.25 0.00	24.01 -0.23 0.00	18.10 -0.17 0.00	7.64 -0.05 0.00	4.40 0.03 0.00
NEG___GEN_MONROE 24207	13.80 -0.06 0.00	8.79 -0.15 0.00	7.76 -0.08 0.00	7.66 -0.02 0.00	9.43 -0.02 0.00	4.70 0.00 0.00	1.55 0.00 0.00	6.37 -0.05 0.00	10.24 -0.13 0.00	13.54 -0.17 0.00	8.42 -0.08 0.00	6.84 -0.14 0.35	2.74 -0.06 0.00	7.13 -0.14 0.00	3.00 -0.08 0.00	6.16 -0.11 0.00	4.43 -0.15 0.00	16.79 -0.53 0.00	17.18 -0.52 0.00	21.63 -0.55 0.00	23.61 -0.63 0.00	17.64 -0.63 0.00	7.44 -0.25 0.00	4.30 -0.07 0.00
NEPA___ENERGY 23901	13.67 -0.19 0.00	8.68 -0.27 0.00	7.67 -0.16 0.00	7.60 -0.08 0.00	9.37 -0.08 0.00	4.69 -0.01 0.00	1.55 0.00 0.00	6.39 -0.03 0.00	8.52 -0.07 1.79	8.73 -0.19 4.78	5.35 -0.07 3.08	2.44 -0.17 4.72	0.94 -0.08 1.78	4.23 -0.24 2.80	2.93 -0.15 0.00	6.05 -0.21 0.00	4.36 -0.22 0.00	16.39 -0.93 0.00	16.61 -1.09 0.00	20.93 -1.25 0.00	23.02 -1.22 0.00	17.23 -1.04 0.00	7.29 -0.41 0.00	4.25 -0.12 0.00

NEVERSINK___HYD 23608	14.44 0.58 0.00	9.35 0.41 0.00	8.19 0.35 0.00	7.99 0.32 0.00	9.81 0.37 0.00	4.90 0.19 0.00	1.61 0.06 0.00	6.66 0.24 0.00	10.78 0.40 0.00	14.21 0.50 0.00	8.82 0.32 0.00	7.30 0.29 0.32	2.89 0.09 0.00	7.54 0.27 0.00	3.21 0.13 0.00	6.51 0.24 0.00	4.77 0.19 0.00	17.96 0.64 0.00	18.29 0.60 0.00	22.85 0.67 0.00	24.93 0.70 0.00	18.84 0.57 0.00	7.94 0.25 0.00	4.56 0.18 0.00
NEWKRMKL_115KV_TB1 55635	14.26 0.40 0.00	9.27 0.33 0.00	8.12 0.28 0.00	7.95 0.27 0.00	9.77 0.32 0.00	4.86 0.16 0.00	1.60 0.05 0.00	6.59 0.17 0.00	10.67 0.29 0.00	14.02 0.31 0.00	8.65 0.16 0.00	7.12 0.15 0.36	2.85 0.05 0.00	7.38 0.11 0.00	3.13 0.05 0.00	6.35 0.08 0.00	4.65 0.07 0.00	17.48 0.16 0.00	17.85 0.15 0.00	22.36 0.18 0.00	24.39 0.16 0.00	18.44 0.17 0.00	7.82 0.13 0.00	4.49 0.11 0.00
NEWTON___FALLS_HYD 23847	13.33 -0.53 0.00	8.56 -0.38 0.00	7.50 -0.33 0.00	7.37 -0.31 0.00	9.14 -0.31 0.00	4.54 -0.16 0.00	1.50 -0.05 0.00	6.23 -0.19 0.00	10.11 -0.27 0.00	13.22 -0.49 0.00	8.12 -0.38 0.00	5.37 -0.38 1.58	2.67 -0.14 0.00	6.91 -0.37 0.00	2.94 -0.14 0.00	5.90 -0.36 0.00	4.35 -0.22 0.00	16.63 -0.69 0.00	17.24 -0.45 0.00	21.94 -0.24 0.00	24.21 -0.03 0.00	18.13 -0.14 0.00	7.59 -0.10 0.00	4.33 -0.04 0.00
NGRID_A1_DSASP 323792	13.40 -0.47 0.00	8.48 -0.46 0.00	7.51 -0.32 0.00	7.45 -0.23 0.00	9.18 -0.27 0.00	4.58 -0.12 0.00	1.51 -0.04 0.00	6.22 -0.20 0.00	8.01 -0.43 1.94	7.95 -0.57 5.19	4.88 -0.27 3.34	1.91 -0.33 5.08	0.74 -0.14 1.93	3.88 -0.36 3.03	2.89 -0.19 0.00	5.96 -0.31 0.00	4.24 -0.34 0.00	16.00 -1.31 0.00	16.38 -1.32 0.00	20.66 -1.52 0.00	22.51 -1.72 0.00	16.61 -1.67 0.00	7.01 -0.68 0.00	4.10 -0.27 0.00
NGRID_A2_DSASP 323793	13.40 -0.47 0.00	8.48 -0.46 0.00	7.51 -0.32 0.00	7.45 -0.23 0.00	9.18 -0.27 0.00	4.58 -0.12 0.00	1.51 -0.04 0.00	6.22 -0.20 0.00	8.01 -0.43 1.94	7.95 -0.57 5.19	4.88 -0.27 3.34	1.91 -0.33 5.08	0.74 -0.14 1.93	3.88 -0.36 3.03	2.89 -0.19 0.00	5.96 -0.31 0.00	4.24 -0.34 0.00	16.00 -1.31 0.00	16.38 -1.32 0.00	20.66 -1.52 0.00	22.51 -1.72 0.00	16.61 -1.67 0.00	7.01 -0.68 0.00	4.10 -0.27 0.00
NGRID_A4_DSASP 323807	13.40 -0.47 0.00	8.48 -0.46 0.00	7.51 -0.32 0.00	7.45 -0.23 0.00	9.18 -0.27 0.00	4.58 -0.12 0.00	1.51 -0.04 0.00	6.22 -0.20 0.00	8.01 -0.43 1.94	7.95 -0.57 5.19	4.88 -0.27 3.34	1.91 -0.33 5.08	0.74 -0.14 1.93	3.88 -0.36 3.03	2.89 -0.19 0.00	5.96 -0.31 0.00	4.24 -0.34 0.00	16.00 -1.31 0.00	16.38 -1.32 0.00	20.66 -1.52 0.00	22.51 -1.72 0.00	16.61 -1.67 0.00	7.01 -0.68 0.00	4.10 -0.27 0.00
NIAGARA_115E_LBMP 323715	13.29 -0.58 0.00	8.40 -0.54 0.00	7.44 -0.40 0.00	7.38 -0.30 0.00	9.09 -0.35 0.00	4.54 -0.16 0.00	1.50 -0.05 0.00	6.18 -0.23 0.00	7.90 -0.51 1.97	7.87 -0.57 5.27	4.82 -0.28 3.39	1.85 -0.33 5.15	0.71 -0.14 1.96	3.84 -0.35 3.08	2.88 -0.20 0.00	5.93 -0.34 0.00	4.21 -0.37 0.00	15.84 -1.48 0.00	16.21 -1.48 0.00	20.47 -1.71 0.00	22.30 -1.93 0.00	16.56 -1.72 0.00	7.00 -0.69 0.00	4.10 -0.28 0.00
NIAGARA_115W_LBMP 323714	13.36 -0.50 0.00	8.46 -0.48 0.00	7.49 -0.34 0.00	7.43 -0.24 0.00	9.16 -0.29 0.00	4.57 -0.13 0.00	1.50 -0.05 0.00	6.20 -0.21 0.00	8.00 -0.45 1.93	7.96 -0.59 5.15	4.89 -0.28 3.32	1.94 -0.34 5.04	0.75 -0.14 1.92	3.88 -0.37 3.02	2.89 -0.19 0.00	5.95 -0.31 0.00	4.23 -0.34 0.00	15.98 -1.33 0.00	16.36 -1.34 0.00	20.64 -1.54 0.00	22.48 -1.75 0.00	16.58 -1.69 0.00	7.00 -0.69 0.00	4.10 -0.28 0.00
NIAGARA_230_LBMP 323716	13.40 -0.46 0.00	8.49 -0.45 0.00	7.52 -0.32 0.00	7.46 -0.22 0.00	9.18 -0.26 0.00	4.58 -0.12 0.00	1.51 -0.04 0.00	6.23 -0.19 0.00	8.13 -0.41 1.84	8.24 -0.53 4.94	5.07 -0.25 3.18	2.16 -0.31 4.85	0.84 -0.13 1.84	4.05 -0.34 2.89	2.89 -0.18 0.00	5.97 -0.29 0.00	4.25 -0.33 0.00	16.05 -1.27 0.00	16.41 -1.29 0.00	20.71 -1.47 0.00	22.56 -1.68 0.00	16.74 -1.53 0.00	7.08 -0.62 0.00	4.14 -0.24 0.00
NIAGARA___115KV_198_GIBSON 55903	13.36 -0.50 0.00	8.46 -0.48 0.00	7.49 -0.34 0.00	7.44 -0.24 0.00	9.16 -0.29 0.00	4.57 -0.13 0.00	1.50 -0.05 0.00	6.20 -0.21 0.00	8.00 -0.45 1.93	7.96 -0.59 5.15	4.89 -0.29 3.32	1.94 -0.34 5.04	0.75 -0.14 1.92	3.88 -0.37 3.02	2.89 -0.19 0.00	5.95 -0.31 0.00	4.23 -0.34 0.00	15.98 -1.33 0.00	16.36 -1.34 0.00	20.64 -1.54 0.00	22.48 -1.75 0.00	16.58 -1.69 0.00	7.00 -0.69 0.00	4.10 -0.28 0.00
NIAGARA____ 23760	13.40 -0.46 0.00	8.49 -0.45 0.00	7.52 -0.32 0.00	7.46 -0.22 0.00	9.18 -0.26 0.00	4.58 -0.12 0.00	1.51 -0.04 0.00	6.23 -0.19 0.00	8.09 -0.41 1.88	8.19 -0.53 4.99	5.02 -0.25 3.23	2.09 -0.31 4.92	0.80 -0.13 1.87	4.00 -0.34 2.94	2.89 -0.18 0.00	5.97 -0.29 0.00	4.25 -0.33 0.00	16.05 -1.27 0.00	16.41 -1.29 0.00	20.71 -1.47 0.00	22.56 -1.68 0.00	16.74 -1.53 0.00	7.08 -0.62 0.00	4.14 -0.24 0.00
NINE_MILE_1 23575	13.58 -0.29 0.00	8.75 -0.19 0.00	7.67 -0.16 0.00	7.53 -0.15 0.00	9.27 -0.18 0.00	4.62 -0.09 0.00	1.52 -0.03 0.00	6.28 -0.14 0.00	10.15 -0.23 0.00	13.38 -0.32 0.00	8.30 -0.20 0.00	6.74 -0.20 0.38	2.72 -0.08 0.00	7.05 -0.22 0.00	2.99 -0.09 0.00	6.09 -0.18 0.00	4.44 -0.14 0.00	16.76 -0.56 0.00	17.08 -0.61 0.00	21.41 -0.77 0.00	23.39 -0.84 0.00	17.64 -0.63 0.00	7.45 -0.24 0.00	4.26 -0.11 0.00
NINE_MILE_2 23744	13.58 -0.29 0.00	8.75 -0.19 0.00	7.68 -0.16 0.00	7.53 -0.15 0.00	9.27 -0.18 0.00	4.62 -0.08 0.00	1.52 -0.03 0.00	6.28 -0.14 0.00	10.15 -0.23 0.00	13.39 -0.32 0.00	8.30 -0.20 0.00	6.74 -0.20 0.38	2.72 -0.08 0.00	7.06 -0.21 0.00	2.99 -0.09 0.00	6.09 -0.18 0.00	4.44 -0.14 0.00	16.76 -0.55 0.00	17.09 -0.61 0.00	21.41 -0.77 0.00	23.39 -0.84 0.00	17.65 -0.62 0.00	7.45 -0.24 0.00	4.26 -0.11 0.00
NM_CAPITAL___DRP 24208	14.30 0.43 0.00	9.30 0.35 0.00	8.14 0.30 0.00	7.97 0.29 0.00	9.79 0.35 0.00	4.87 0.17 0.00	1.60 0.05 0.00	6.61 0.19 0.00	10.70 0.32 0.00	14.06 0.35 0.00	8.67 0.17 0.00	7.13 0.17 0.36	2.85 0.05 0.00	7.39 0.12 0.00	3.14 0.06 0.00	6.36 0.09 0.00	4.65 0.07 0.00	17.51 0.19 0.00	17.88 0.19 0.00	22.40 0.21 0.00	24.43 0.20 0.00	18.47 0.20 0.00	7.84 0.15 0.00	4.49 0.12 0.00
NM_CENTRAL___DRP 24181	13.89 0.02 0.00	8.94 -0.01 0.00	7.84 0.01 0.00	7.70 0.02 0.00	9.48 0.03 0.00	4.72 0.02 0.00	1.56 0.01 0.00	6.42 0.00 0.00	10.37 -0.01 0.00	13.68 -0.03 0.00	8.48 -0.02 0.00	6.81 -0.05 0.46	2.77 -0.03 0.00	7.19 -0.08 0.00	3.05 -0.03 0.00	6.22 -0.05 0.00	4.53 -0.04 0.00	17.11 -0.21 0.00	17.44 -0.25 0.00	21.87 -0.31 0.00	23.91 -0.32 0.00	18.03 -0.24 0.00	7.61 -0.08 0.00	4.36 -0.02 0.00

NM_FRONTIER___DRP 24179	13.36 -0.50 0.00	8.46 -0.48 0.00	7.49 -0.34 0.00	7.44 -0.24 0.00	9.16 -0.29 0.00	4.57 -0.13 0.00	1.50 -0.05 0.00	6.20 -0.21 0.00	8.00 -0.45 1.93	7.96 -0.59 5.15	4.89 -0.29 3.32	1.94 -0.34 5.04	0.75 -0.14 1.92	3.88 -0.37 3.02	2.89 -0.19 0.00	5.95 -0.31 0.00	4.23 -0.34 0.00	15.98 -1.33 0.00	16.36 -1.34 0.00	20.64 -1.54 0.00	22.48 -1.75 0.00	16.58 -1.69 0.00	7.00 -0.69 0.00	4.10 -0.28 0.00
NM_ST_REGIS___HYD 24053	13.14 -0.72 0.00	8.43 -0.51 0.00	7.38 -0.46 0.00	7.25 -0.43 0.00	8.99 -0.45 0.00	4.47 -0.23 0.00	1.48 -0.07 0.00	6.18 -0.24 0.00	10.01 -0.37 0.00	13.16 -0.56 0.00	8.13 -0.37 0.00	4.88 -0.30 2.15	2.72 -0.09 0.00	7.06 -0.21 0.00	3.00 -0.08 0.00	6.06 -0.20 0.00	4.45 -0.13 0.00	16.97 -0.34 0.00	17.59 -0.11 0.00	22.23 0.05 0.00	24.39 0.15 0.00	18.31 0.04 0.00	7.62 -0.07 0.00	4.30 -0.08 0.00
NORTHPORT___1 23551	14.98 1.12 0.00	9.78 0.84 0.00	8.58 0.74 0.00	8.34 0.66 0.00	10.19 0.74 0.00	5.12 0.42 0.00	1.69 0.14 0.00	6.94 0.52 0.00	6.45 0.82 4.75	9.47 0.97 5.20	8.20 0.74 1.03	7.28 0.70 0.74	-10.34 0.26 13.40	-4.60 0.67 12.55	-1.89 0.32 5.29	13.63 0.57 -6.79	12.31 0.43 -7.30	21.22 1.41 -2.50	42.91 1.42 -23.80	24.25 1.45 -0.62	34.44 1.55 -8.66	22.88 1.21 -3.40	18.96 0.58 -10.69	6.28 0.39 -1.52
NORTHPORT___2 23552	14.98 1.12 0.00	9.78 0.84 0.00	8.58 0.74 0.00	8.34 0.66 0.00	10.19 0.74 0.00	5.12 0.42 0.00	1.69 0.14 0.00	6.94 0.52 0.00	6.45 0.82 4.75	9.47 0.97 5.20	8.20 0.74 1.03	7.28 0.70 0.74	-10.34 0.26 13.40	-4.60 0.67 12.55	-1.89 0.32 5.29	13.63 0.57 -6.79	12.31 0.43 -7.30	21.22 1.41 -2.50	42.91 1.42 -23.80	24.25 1.45 -0.62	34.44 1.55 -8.66	22.88 1.21 -3.40	18.96 0.58 -10.69	6.28 0.39 -1.52
NORTHPORT___3 23553	14.76 0.90 0.00	9.64 0.70 0.00	8.45 0.62 0.00	8.22 0.54 0.00	10.04 0.59 0.00	5.04 0.34 0.00	1.66 0.11 0.00	6.84 0.42 0.00	6.50 0.65 4.53	9.58 0.76 4.89	8.58 0.60 0.51	7.61 0.59 0.31	-9.77 0.21 12.78	-4.10 0.56 11.93	-1.26 0.27 4.61	14.42 0.47 -7.68	13.04 0.36 -8.11	21.66 1.16 -3.18	47.46 1.16 -28.60	24.82 1.13 -1.51	35.24 1.14 -9.87	23.09 0.91 -3.91	19.90 0.46 -11.75	6.72 0.32 -2.03
NORTHPORT___4 23650	14.76 0.90 0.00	9.64 0.70 0.00	8.45 0.62 0.00	8.22 0.54 0.00	10.04 0.59 0.00	5.04 0.34 0.00	1.66 0.11 0.00	6.84 0.42 0.00	6.50 0.65 4.53	9.58 0.76 4.89	8.58 0.60 0.51	7.61 0.59 0.31	-9.77 0.21 12.78	-4.10 0.56 11.93	-1.26 0.27 4.61	14.42 0.47 -7.68	13.04 0.36 -8.11	21.66 1.16 -3.18	47.46 1.16 -28.60	24.82 1.13 -1.51	35.24 1.14 -9.87	23.09 0.91 -3.91	19.90 0.46 -11.75	6.72 0.32 -2.03
NORTHPORT___IC 23718	14.98 1.12 0.00	9.78 0.84 0.00	8.58 0.74 0.00	8.34 0.66 0.00	10.18 0.74 0.00	5.12 0.42 0.00	1.69 0.14 0.00	6.94 0.53 0.00	6.45 0.82 4.75	9.47 0.96 5.20	8.21 0.74 1.03	7.28 0.70 0.74	-10.34 0.25 13.40	-4.60 0.67 12.55	-1.89 0.32 5.29	13.63 0.57 -6.79	12.30 0.42 -7.30	21.22 1.41 -2.50	42.91 1.42 -23.80	24.26 1.46 -0.62	34.44 1.55 -8.66	22.88 1.21 -3.40	18.95 0.58 -10.69	6.28 0.39 -1.52
NORTH___COUNTRY_ESR 323785	13.15 -0.71 0.00	8.45 -0.50 0.00	7.37 -0.46 0.00	7.22 -0.46 0.00	8.89 -0.56 0.00	4.42 -0.28 0.00	1.46 -0.09 0.00	6.08 -0.34 0.00	9.85 -0.53 0.00	13.00 -0.71 0.00	8.05 -0.44 0.00	4.55 -0.32 2.45	2.70 -0.11 0.00	6.99 -0.28 0.00	2.98 -0.10 0.00	6.05 -0.21 0.00	4.41 -0.16 0.00	16.88 -0.44 0.00	17.45 -0.25 0.00	21.96 -0.22 0.00	24.01 -0.22 0.00	18.12 -0.15 0.00	7.58 -0.12 0.00	4.28 -0.09 0.00
NPX_GEN_1385_PROXY 323591	14.96 1.12 0.02	9.78 0.84 0.00	8.61 0.77 0.00	8.34 0.66 0.00	10.19 0.74 0.00	5.12 0.42 0.00	1.69 0.14 0.00	6.97 0.55 0.00	6.48 0.86 4.75	9.46 0.95 5.20	8.23 0.77 1.03	7.28 0.70 0.74	-10.35 0.24 13.40	-4.58 0.70 12.55	-1.90 0.30 5.29	13.59 0.53 -6.79	12.31 0.43 -7.30	21.24 1.42 -2.50	42.93 1.43 -23.80	24.28 1.48 -0.62	34.53 1.64 -8.66	22.90 1.23 -3.40	18.96 0.58 -10.69	6.28 0.39 -1.52
NPX_GEN_CSC 323557	15.03 1.18 0.02	9.80 0.86 0.00	8.60 0.77 0.00	8.36 0.69 0.00	10.22 0.77 0.00	5.14 0.44 0.00	1.69 0.14 0.00	6.96 0.54 0.00	7.05 0.82 4.16	10.32 1.00 4.39	9.53 0.76 -0.28	8.37 0.72 -0.34	-8.66 0.27 11.74	-2.93 0.68 10.88	-0.16 0.32 3.56	15.48 0.59 -8.63	13.96 0.45 -8.94	22.64 1.35 -3.97	53.41 1.38 -34.34	26.18 1.44 -2.56	36.71 1.59 -10.89	23.85 1.24 -4.33	20.86 0.59 -12.58	7.42 0.38 -2.67
NSINS_S_GLNS_FALLS 23858	14.72 0.86 0.00	9.55 0.61 0.00	8.37 0.54 0.00	8.20 0.52 0.00	10.10 0.65 0.00	5.03 0.32 0.00	1.65 0.10 0.00	6.85 0.43 0.00	11.11 0.73 0.00	14.58 0.87 0.00	8.90 0.40 0.00	7.27 0.31 0.37	2.91 0.11 0.00	7.53 0.26 0.00	3.19 0.11 0.00	6.45 0.18 0.00	4.74 0.16 0.00	18.01 0.70 0.00	18.51 0.81 0.00	23.26 1.08 0.00	25.46 1.22 0.00	19.28 1.01 0.00	8.15 0.46 0.00	4.67 0.29 0.00
NUCOR_STEEL___DRP 24197	13.94 0.08 0.00	8.97 0.03 0.00	7.88 0.05 0.00	7.74 0.06 0.00	9.54 0.08 0.00	4.75 0.05 0.00	1.57 0.02 0.00	6.43 0.01 0.00	10.35 -0.03 0.00	13.72 0.02 0.00	8.52 0.02 0.00	6.89 -0.03 0.40	2.78 -0.02 0.00	7.22 -0.05 0.00	3.06 -0.02 0.00	6.25 -0.02 0.00	4.55 -0.02 0.00	17.17 -0.15 0.00	17.48 -0.22 0.00	21.94 -0.25 0.00	23.99 -0.25 0.00	18.07 -0.20 0.00	7.62 -0.07 0.00	4.36 -0.01 0.00
NUMBER_THREE_WT_PWR 323818	13.67 -0.19 0.00	8.78 -0.16 0.00	7.71 -0.13 0.00	7.58 -0.10 0.00	9.37 -0.08 0.00	4.65 -0.05 0.00	1.54 -0.01 0.00	6.34 -0.08 0.00	10.31 -0.07 0.00	13.44 -0.27 0.00	8.24 -0.26 0.00	6.00 -0.34 0.98	2.65 -0.15 0.00	6.84 -0.43 0.00	2.91 -0.17 0.00	5.85 -0.41 0.00	4.33 -0.24 0.00	16.53 -0.78 0.00	17.14 -0.56 0.00	21.93 -0.26 0.00	24.30 0.06 0.00	18.16 -0.11 0.00	7.68 -0.02 0.00	4.43 0.05 0.00
NYISO_LBMP_REFERENCE 24008	13.86 0.00 0.00	8.94 0.00 0.00	7.84 0.00 0.00	7.68 0.00 0.00	9.45 0.00 0.00	4.70 0.00 0.00	1.55 0.00 0.00	6.42 0.00 0.00	10.38 0.00 0.00	13.71 0.00 0.00	8.50 0.00 0.00	7.32 0.00 0.00	2.80 0.00 0.00	7.27 0.00 0.00	3.08 0.00 0.00	6.27 0.00 0.00	4.58 0.00 0.00	17.32 0.00 0.00	17.70 0.00 0.00	22.18 0.00 0.00	24.24 0.00 0.00	18.27 0.00 0.00	7.69 0.00 0.00	4.37 0.00 0.00
NYPA_BRENTWD____GT 24164	15.09 1.23 0.00	9.84 0.89 0.00	8.63 0.79 0.00	8.39 0.71 0.00	10.25 0.80 0.00	5.15 0.45 0.00	1.70 0.15 0.00	6.98 0.56 0.00	7.99 0.87 3.27	11.59 1.07 3.19	11.54 0.80 -2.25	10.01 0.75 -1.94	-6.16 0.27 9.24	-0.39 0.71 8.38	2.44 0.33 0.98	18.23 0.61 -11.35	16.41 0.46 -11.37	25.03 1.55 -6.16	69.53 1.58 -50.25	29.35 1.68 -5.49	40.55 1.82 -14.50	25.52 1.41 -5.85	23.99 0.66 -15.64	9.29 0.43 -4.49

NYPA_GOWANUS____GT5 24156	14.95 1.08 -0.01	9.71 0.76 -0.01	8.50 0.66 0.00	8.28 0.60 0.00	10.16 0.72 0.00	5.07 0.37 0.00	1.67 0.12 0.00	6.90 0.48 0.00	11.18 0.80 0.00	14.73 1.02 0.00	9.18 0.68 0.00	7.60 0.60 0.33	3.02 0.22 0.00	7.85 0.58 0.00	3.36 0.28 0.00	6.77 0.50 -0.01	4.93 0.35 0.00	18.53 1.21 0.00	18.82 1.12 0.00	23.43 1.24 0.00	25.54 1.30 0.00	19.31 1.04 0.00	8.16 0.46 0.00	4.69 0.31 0.00
NYPA_GOWANUS____GT6 24157	14.95 1.08 -0.01	9.71 0.76 -0.01	8.50 0.66 0.00	8.28 0.60 0.00	10.16 0.72 0.00	5.07 0.37 0.00	1.67 0.12 0.00	6.90 0.48 0.00	11.18 0.80 0.00	14.73 1.02 0.00	9.18 0.68 0.00	7.60 0.60 0.33	3.02 0.22 0.00	7.85 0.58 0.00	3.36 0.28 0.00	6.77 0.50 -0.01	4.93 0.35 0.00	18.53 1.21 0.00	18.82 1.12 0.00	23.43 1.24 0.00	25.54 1.30 0.00	19.31 1.04 0.00	8.16 0.46 0.00	4.69 0.31 0.00
NYPA_HARLEM__RVR__GT1 24160	14.79 0.93 0.00	9.58 0.64 0.00	8.37 0.53 0.00	8.16 0.48 0.00	10.04 0.60 0.00	5.01 0.31 0.00	1.65 0.10 0.01	6.83 0.42 0.01	11.08 0.71 0.01	14.64 0.93 0.01	9.12 0.63 0.01	7.55 0.56 0.33	2.99 0.20 0.01	7.80 0.53 0.00	3.31 0.24 0.01	6.69 0.43 0.00	4.89 0.31 0.00	18.40 1.09 0.00	18.68 1.00 0.02	23.30 1.13 0.01	25.40 1.17 0.00	19.21 0.94 0.00	8.11 0.43 0.00	4.66 0.29 0.00
NYPA_HARLEM__RVR__GT2 24161	14.79 0.93 0.00	9.58 0.64 0.00	8.37 0.53 0.00	8.16 0.48 0.00	10.04 0.60 0.00	5.01 0.31 0.00	1.65 0.10 0.01	6.83 0.42 0.01	11.08 0.71 0.01	14.64 0.93 0.01	9.12 0.63 0.01	7.55 0.56 0.33	2.99 0.20 0.01	7.80 0.53 0.00	3.31 0.24 0.01	6.69 0.43 0.00	4.89 0.31 0.00	18.40 1.09 0.00	18.68 1.00 0.02	23.30 1.13 0.01	25.40 1.17 0.00	19.21 0.94 0.00	8.11 0.43 0.00	4.66 0.29 0.00
NYPA_KENT____GT 24152	14.93 1.06 0.00	9.70 0.75 -0.01	8.49 0.65 0.00	8.28 0.60 0.00	10.15 0.70 0.00	5.07 0.37 0.00	1.67 0.12 0.00	6.90 0.48 0.00	11.17 0.79 0.00	14.72 1.01 0.00	9.17 0.67 0.00	7.59 0.60 0.33	3.02 0.21 0.00	7.84 0.57 0.00	3.36 0.28 0.00	6.77 0.50 -0.01	4.92 0.35 0.00	18.53 1.21 0.00	18.81 1.11 0.00	23.41 1.23 0.00	25.53 1.29 0.00	19.30 1.03 0.00	8.16 0.46 0.00	4.69 0.31 0.00
NYPA_POUCH1____GT 24155	14.93 1.05 -0.01	9.69 0.74 -0.01	8.47 0.64 0.00	8.26 0.58 0.00	10.19 0.74 0.00	5.10 0.40 0.00	1.68 0.13 0.00	6.93 0.51 0.00	11.21 0.83 0.00	14.76 1.05 0.00	9.20 0.70 0.00	7.61 0.62 0.33	3.03 0.22 0.00	7.86 0.59 0.00	3.36 0.28 0.00	6.78 0.50 -0.01	4.92 0.34 0.00	18.49 1.17 0.00	18.77 1.08 0.00	23.37 1.19 0.00	25.48 1.25 0.00	19.27 1.00 0.00	8.14 0.45 0.00	4.68 0.31 0.00
NYPA_VERNON____GT2 24162	14.92 1.06 0.00	9.69 0.74 -0.01	8.48 0.65 0.00	8.27 0.59 0.00	10.14 0.69 0.00	5.06 0.36 0.00	1.67 0.12 0.00	6.89 0.47 0.00	11.16 0.78 0.00	14.71 1.00 0.00	9.16 0.67 0.00	7.58 0.59 0.33	3.02 0.21 0.00	7.83 0.56 0.00	3.35 0.27 0.00	6.77 0.49 -0.01	4.92 0.34 0.00	18.53 1.21 0.00	18.81 1.11 0.00	23.41 1.23 0.00	25.51 1.28 0.00	19.30 1.03 0.00	8.15 0.46 0.00	4.69 0.31 0.00
NYPA_VERNON____GT3 24163	14.92 1.06 0.00	9.69 0.74 -0.01	8.48 0.65 0.00	8.27 0.59 0.00	10.14 0.69 0.00	5.06 0.36 0.00	1.67 0.12 0.00	6.89 0.47 0.00	11.16 0.78 0.00	14.71 1.00 0.00	9.16 0.67 0.00	7.58 0.59 0.33	3.02 0.21 0.00	7.83 0.56 0.0										

OAKDALE___35_KV_LOAD 356122	13.96 0.10 0.00	8.98 0.04 0.00	7.89 0.05 0.00	7.75 0.07 0.00	9.54 0.09 0.00	4.76 0.06 0.00	1.57 0.02 0.00	6.48 0.06 0.00	10.48 0.09 0.00	13.77 0.06 0.00	8.57 0.08 0.00	6.88 0.02 0.46	2.80 -0.01 0.00	7.25 -0.02 0.00	3.06 -0.02 0.00	6.26 -0.01 0.00	4.56 -0.02 0.00	17.17 -0.14 0.00	17.48 -0.22 0.00	21.92 -0.26 0.00	23.99 -0.25 0.00	18.08 -0.19 0.00	7.64 -0.05 0.00	4.39 0.02 0.00
OCC_CHEM___DRP 24175	13.40 -0.47 0.00	8.48 -0.46 0.00	7.51 -0.32 0.00	7.45 -0.23 0.00	9.18 -0.27 0.00	4.58 -0.12 0.00	1.51 -0.04 0.00	6.22 -0.20 0.00	8.01 -0.43 1.94	7.95 -0.57 5.19	4.88 -0.27 3.34	1.92 -0.32 5.08	0.74 -0.14 1.93	3.88 -0.36 3.03	2.89 -0.19 0.00	5.96 -0.31 0.00	4.24 -0.34 0.00	16.00 -1.31 0.00	16.38 -1.32 0.00	20.66 -1.52 0.00	22.51 -1.72 0.00	16.61 -1.66 0.00	7.02 -0.67 0.00	4.11 -0.27 0.00
OH_GEN_PROXY 24063	13.40 -0.44 0.02	8.51 -0.44 0.00	7.53 -0.30 0.00	7.46 -0.21 0.00	9.20 -0.25 0.00	4.59 -0.11 0.00	1.51 -0.04 0.00	6.24 -0.18 0.00	8.34 -0.38 1.66	8.76 -0.50 4.45	5.40 -0.24 2.86	2.62 -0.30 4.41	1.02 -0.13 1.65	4.34 -0.33 2.60	2.90 -0.18 0.00	5.98 -0.29 0.00	4.26 -0.32 0.00	16.08 -1.23 0.00	16.45 -1.25 0.00	20.75 -1.43 0.00	22.61 -1.62 0.00	16.80 -1.47 0.00	7.10 -0.59 0.00	4.15 -0.23 0.00
OLIN_CORP_DRP 24177	13.32 -0.55 0.00	8.42 -0.52 0.00	7.46 -0.38 0.00	7.40 -0.28 0.00	9.12 -0.33 0.00	4.55 -0.15 0.00	1.50 -0.05 0.00	6.19 -0.23 0.00	7.90 -0.49 1.99	7.83 -0.56 5.32	4.80 -0.28 3.42	1.81 -0.32 5.20	0.69 -0.14 1.98	3.81 -0.35 3.11	2.88 -0.20 0.00	5.94 -0.32 0.00	4.22 -0.36 0.00	15.88 -1.44 0.00	16.26 -1.44 0.00	20.53 -1.66 0.00	22.37 -1.87 0.00	16.60 -1.67 0.00	7.02 -0.67 0.00	4.11 -0.27 0.00
OLIN_CORP_DSASP 323712	13.40 -0.47 0.00	8.48 -0.46 0.00	7.51 -0.32 0.00	7.45 -0.23 0.00	9.18 -0.27 0.00	4.58 -0.12 0.00	1.51 -0.04 0.00	6.22 -0.20 0.00	8.01 -0.43 1.94	7.95 -0.57 5.19	4.88 -0.27 3.34	1.91 -0.33 5.08	0.74 -0.14 1.93	3.88 -0.36 3.03	2.89 -0.19 0.00	5.96 -0.31 0.00	4.24 -0.34 0.00	16.00 -1.31 0.00	16.38 -1.32 0.00	20.66 -1.52 0.00	22.51 -1.72 0.00	16.61 -1.67 0.00	7.01 -0.68 0.00	4.10 -0.27 0.00
ONEIDA_HERK_LFGE 323681	14.03 0.16 0.00	9.03 0.08 0.00	7.92 0.08 0.00	7.77 0.09 0.00	9.58 0.12 0.00	4.76 0.06 0.00	1.57 0.02 0.00	6.49 0.07 0.00	10.51 0.12 0.00	13.81 0.09 0.00	8.51 0.02 0.00	6.50 -0.06 0.77	2.76 -0.04 0.00	7.14 -0.13 0.00	3.04 -0.04 0.00	6.15 -0.12 0.00	4.52 -0.05 0.00	17.13 -0.18 0.00	17.61 -0.08 0.00	22.29 0.11 0.00	24.51 0.27 0.00	18.42 0.15 0.00	7.77 0.08 0.00	4.47 0.09 0.00
ONEIDA___115KV_TB4 55905	14.21 0.35 0.00	9.14 0.20 0.00	8.02 0.18 0.00	7.87 0.18 0.00	9.68 0.23 0.00	4.83 0.12 0.00	1.59 0.04 0.00	6.56 0.14 0.00	10.59 0.21 0.00	13.98 0.27 0.00	8.63 0.14 0.00	6.78 0.06 0.60	2.81 0.00 0.00	7.28 0.00 0.00	3.10 0.02 0.00	6.29 0.02 0.00	4.62 0.05 0.00	17.42 0.11 0.00	17.85 0.16 0.00	22.50 0.32 0.00	24.65 0.41 0.00	18.57 0.30 0.00	7.83 0.14 0.00	4.49 0.11 0.00
ONONDAGA_REF_OCCRA 23987	13.95 0.08 0.00	8.97 0.03 0.00	7.88 0.04 0.00	7.73 0.05 0.00	9.52 0.07 0.00	4.74 0.04 0.00	1.56 0.01 0.00	6.44 0.02 0.00	10.41 0.03 0.00	13.74 0.03 0.00	8.52 0.02 0.00	6.86 -0.02 0.44	2.79 -0.02 0.00	7.22 -0.05 0.00	3.06 -0.02 0.00	6.25 -0.02 0.00	4.56 -0.02 0.00	17.20 -0.12 0.00	17.53 -0.17 0.00	21.98 -0.20 0.00	24.04 -0.20 0.00	18.12 -0.15 0.00	7.65 -0.05 0.00	4.38 0.01 0.00
ONONDAGA___COGEN 23986	13.89 0.03 0.00	8.94 0.00 0.00	7.85 0.01 0.00	7.70 0.02 0.00	9.48 0.03 0.00	4.72 0.02 0.00	1.56 0.01 0.00	6.42 0.00 0.00	10.36 -0.02 0.00	13.69 -0.02 0.00	8.48 -0.01 0.00	6.85 -0.05 0.43	2.78 -0.03 0.00	7.20 -0.07 0.00	3.05 -0.02 0.00	6.23 -0.04 0.00	4.54 -0.04 0.00	17.15 -0.17 0.00	17.47 -0.22 0.00	21.91 -0.27 0.00	23.95 -0.28 0.00	18.06 -0.21 0.00	7.62 -0.07 0.00	4.36 -0.02 0.00
ONTARIO___LFGE 23819	13.84 -0.03 0.00	8.86 -0.08 0.00	7.79 -0.05 0.00	7.67 -0.01 0.00	9.46 0.00 0.00	4.72 0.02 0.00	1.56 0.01 0.00	6.40 -0.02 0.00	11.51 -0.10 -1.24	16.84 -0.18 -3.32	10.55 -0.08 -2.14	9.87 -0.13 -2.68	3.97 -0.06 -1.23	9.04 -0.17 -1.94	3.02 -0.06 0.00	6.19 -0.08 0.00	4.49 -0.08 0.00	16.95 -0.37 0.00	17.29 -0.41 0.00	21.75 -0.43 0.00	23.81 -0.42 0.00	17.91 -0.36 0.00	7.55 -0.14 0.00	4.35 -0.03 0.00
ORANGEVILLE_WT_PWR 323706	13.40 -0.47 0.00	8.52 -0.43 0.00	7.55 -0.29 0.00	7.47 -0.21 0.00	9.23 -0.21 0.00	4.63 -0.08 0.00	1.52 -0.03 0.00	6.20 -0.22 0.00	0.15 -0.50 9.72	-13.15 -0.81 26.05	-8.72 -0.45 16.77	-17.96 -0.46 24.83	-7.07 -0.19 9.68	-8.48 -0.51 15.24	2.86 -0.22 0.00	5.92 -0.34 0.00	4.22 -0.35 0.00	16.04 -1.27 0.00	16.41 -1.28 0.00	20.79 -1.39 0.00	22.85 -1.39 0.00	17.16 -1.11 0.00	7.26 -0.43 0.00	4.23 -0.15 0.00
ORANGEVILLE___ESR 323794	13.40 -0.47 0.00	8.52 -0.43 0.00	7.55 -0.29 0.00	7.47 -0.21 0.00	9.23 -0.21 0.00	4.63 -0.08 0.00	1.52 -0.03 0.00	6.20 -0.22 0.00	0.15 -0.50 9.72	-13.15 -0.81 26.05	-8.72 -0.45 16.77	-17.96 -0.46 24.83	-7.07 -0.19 9.68	-8.48 -0.51 15.24	2.86 -0.22 0.00	5.92 -0.34 0.00	4.22 -0.35 0.00	16.04 -1.27 0.00	16.41 -1.28 0.00	20.79 -1.39 0.00	22.85 -1.39 0.00	17.16 -1.11 0.00	7.26 -0.43 0.00	4.23 -0.15 0.00
OSWEGATCHIE___HYD 24044	13.33 -0.53 0.00	8.56 -0.38 0.00	7.50 -0.33 0.00	7.38 -0.31 0.00	9.14 -0.31 0.00	4.54 -0.16 0.00	1.50 -0.05 0.00	6.23 -0.19 0.00	10.11 -0.27 0.00	13.22 -0.49 0.00	8.12 -0.38 0.00	5.37 -0.38 1.58	2.67 -0.14 0.00	6.91 -0.37 0.00	2.94 -0.14 0.00	5.90 -0.36 0.00	4.35 -0.22 0.00	16.63 -0.69 0.00	17.24 -0.45 0.00	21.94 -0.24 0.00	24.21 -0.03 0.00	18.13 -0.14 0.00	7.59 -0.10 0.00	4.33 -0.04 0.00
OSWEGO___5 23606	13.65 -0.21 0.00	8.79 -0.15 0.00	7.72 -0.12 0.00	7.57 -0.11 0.00	9.32 -0.13 0.00	4.64 -0.06 0.00	1.53 -0.02 0.00	6.31 -0.11 0.00	10.20 -0.18 0.00	13.46 -0.25 0.00	8.34 -0.15 0.00	6.79 -0.16 0.37	2.73 -0.07 0.00	7.09 -0.18 0.00	3.01 -0.07 0.00	6.12 -0.14 0.00	4.47 -0.11 0.00	16.86 -0.46 0.00	17.19 -0.51 0.00	21.55 -0.63 0.00	23.55 -0.69 0.00	17.75 -0.51 0.00	7.49 -0.20 0.00	4.29 -0.09 0.00
OSWEGO___6 23613	13.65 -0.21 0.00	8.79 -0.15 0.00	7.72 -0.12 0.00	7.57 -0.11 0.00	9.32 -0.13 0.00	4.64 -0.06 0.00	1.53 -0.02 0.00	6.31 -0.11 0.00	10.20 -0.18 0.00	13.46 -0.25 0.00	8.34 -0.15 0.00	6.79 -0.16 0.37	2.73 -0.07 0.00	7.09 -0.18 0.00	3.01 -0.07 0.00	6.12 -0.14 0.00	4.47 -0.11 0.00	16.86 -0.46 0.00	17.19 -0.51 0.00	21.55 -0.63 0.00	23.55 -0.69 0.00	17.75 -0.51 0.00	7.49 -0.20 0.00	4.29 -0.09 0.00

OUTOKUMPU-AB___DRP 24206	13.58 -0.28 0.00	8.60 -0.34 0.00	7.62 -0.22 0.00	7.55 -0.13 0.00	9.30 -0.14 0.00	4.65 -0.05 0.00	1.53 -0.02 0.00	6.31 -0.11 0.00	8.00 -0.30 2.08	7.76 -0.38 5.57	4.74 -0.17 3.59	1.67 -0.23 5.43	0.63 -0.10 2.07	3.75 -0.26 3.26	2.93 -0.15 0.00	6.04 -0.23 0.00	4.30 -0.28 0.00	16.24 -1.08 0.00	16.62 -1.07 0.00	20.98 -1.20 0.00	22.89 -1.34 0.00	16.98 -1.29 0.00	7.17 -0.52 0.00	4.19 -0.18 0.00
OXBOW___BTM 323836	13.48 -0.38 0.00	8.53 -0.41 0.00	7.56 -0.28 0.00	7.50 -0.18 0.00	9.23 -0.21 0.00	4.61 -0.09 0.00	1.52 -0.03 0.00	6.26 -0.16 0.00	8.00 -0.37 2.01	7.84 -0.48 5.38	4.81 -0.22 3.47	1.78 -0.29 5.25	0.68 -0.12 2.00	3.81 -0.32 3.15	2.91 -0.17 0.00	5.99 -0.27 0.00	4.27 -0.31 0.00	16.11 -1.21 0.00	16.49 -1.20 0.00	20.81 -1.37 0.00	22.69 -1.54 0.00	16.78 -1.49 0.00	7.09 -0.61 0.00	4.15 -0.23 0.00
OXBOW___ 24026	13.48 -0.38 0.00	8.53 -0.41 0.00	7.56 -0.28 0.00	7.50 -0.18 0.00	9.23 -0.21 0.00	4.61 -0.09 0.00	1.52 -0.03 0.00	6.26 -0.16 0.00	7.99 -0.37 2.01	7.84 -0.49 5.38	4.80 -0.23 3.47	1.78 -0.28 5.25	0.68 -0.12 2.00	3.81 -0.32 3.15	2.90 -0.17 0.00	5.99 -0.27 0.00	4.27 -0.31 0.00	16.11 -1.21 0.00	16.49 -1.20 0.00	20.81 -1.37 0.00	22.70 -1.54 0.00	16.79 -1.48 0.00	7.09 -0.60 0.00	4.15 -0.23 0.00
OXY_CHEM_DSASP 323612	13.40 -0.47 0.00	8.48 -0.46 0.00	7.51 -0.32 0.00	7.45 -0.23 0.00	9.18 -0.27 0.00	4.58 -0.12 0.00	1.51 -0.04 0.00	6.22 -0.20 0.00	8.01 -0.43 1.94	7.95 -0.57 5.19	4.88 -0.27 3.34	1.92 -0.32 5.08	0.74 -0.14 1.93	3.88 -0.36 3.03	2.89 -0.19 0.00	5.96 -0.31 0.00	4.24 -0.34 0.00	16.00 -1.31 0.00	16.38 -1.32 0.00	20.66 -1.52 0.00	22.51 -1.72 0.00	16.61 -1.66 0.00	7.02 -0.67 0.00	4.11 -0.27 0.00
OZONE_PARK_ESR 323760	14.99 1.12 0.00	9.72 0.78 0.00	8.51 0.68 0.00	8.30 0.62 0.00	10.18 0.73 0.00	5.08 0.38 0.00	1.67 0.12 0.00	6.91 0.49 0.00	11.20 0.82 0.00	14.77 1.06 0.00	9.20 0.70 0.00	7.62 0.62 0.33	3.03 0.22 0.00	7.86 0.59 0.00	3.36 0.28 0.00	6.78 0.52 0.00	4.95 0.37 0.00	18.65 1.33 0.00	18.92 1.22 0.00	23.54 1.36 0.00	25.67 1.43 0.00	19.42 1.15 0.00	8.20 0.51 0.00	4.71 0.34 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	13.40 -0.47 0.00	8.48 -0.46 0.00	7.51 -0.32 0.00	7.45 -0.23 0.00	9.18 -0.27 0.00	4.58 -0.12 0.00	1.51 -0.04 0.00	6.22 -0.20 0.00	8.01 -0.43 1.94	7.95 -0.57 5.19	4.88 -0.27 3.34	1.92 -0.32 5.08	0.74 -0.14 1.93	3.88 -0.36 3.03	2.89 -0.19 0.00	5.96 -0.31 0.00	4.24 -0.34 0.00	16.00 -1.31 0.00	16.38 -1.32 0.00	20.66 -1.52 0.00	22.51 -1.72 0.00	16.61 -1.66 0.00	7.02 -0.67 0.00	4.11 -0.27 0.00
PACKARD__115KV_DUPONT_184 80571	13.40 -0.47 0.00	8.48 -0.46 0.00	7.51 -0.32 0.00	7.45 -0.23 0.00	9.18 -0.27 0.00	4.58 -0.12 0.00	1.51 -0.04 0.00	6.22 -0.20 0.00	8.01 -0.43 1.94	7.95 -0.57 5.19	4.88 -0.27 3.34	1.92 -0.32 5.08	0.74 -0.14 1.93	3.88 -0.36 3.03	2.89 -0.19 0.00	5.96 -0.31 0.00	4.24 -0.34 0.00	16.00 -1.31 0.00	16.38 -1.32 0.00	20.66 -1.52 0.00	22.51 -1.72 0.00	16.61 -1.66 0.00	7.02 -0.67 0.00	4.11 -0.27 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	14.82 0.96 0.00	9.59 0.65 0.00	8.38 0.54 0.00	8.18 0.50 0.00	10.07 0.62 0.00	5.03 0.32 0.00	1.67 0.11 -0.01	6.86 0.43 -0.01	11.12 0.74 -0.01	14.69 0.97 -0.01	9.15 0.65 -0.01	7.57 0.57 0.33	3.02 0.20 -0.01	7.82 0.54 0.00	3.33 0.25 -0.01	6.71 0.44 0.00	4.90 0.32 0.00	18.45 1.13 0.00	18.75 1.05 0.00	23.37 1.19 0.00	25.47 1.23 0.00	19.26 0.99 0.00	8.14 0.44 0.00	4.68 0.30 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	15.22 1.36 0.00	9.80 0.86 0.00	8.56 0.73 0.00	8.36 0.68 0.00	10.29 0.84 0.00	5.13 0.43 0.00	1.70 0.15 -0.01	7.02 0.59 -0.01	11.40 1.01 -0.01	15.05 1.33 -0.01	9.37 0.87 -0.01	7.76 0.76 0.33	3.08 0.27 -0.01	8.00 0.72 0.00	3.41 0.32 -0.01	6.84 0.57 0.00	5.00 0.42 0.00	18.81 1.50 0.00	19.08 1.38 0.00	23.86 1.68 0.00	25.93 1.70 0.00	19.60 1.33 0.00	8.28 0.59 0.00	4.76 0.39 0.00
PATROON__115KV_TB1 80586	14.30 0.43 0.00	9.29 0.35 0.00	8.14 0.30 0.00	7.97 0.29 0.00	9.80 0.35 0.00	4.87 0.17 0.00	1.60 0.05 0.00	6.61 0.19 0.00	10.70 0.31 0.00	14.06 0.35 0.00	8.67 0.18 0.00	7.13 0.17 0.36	2.86 0.05 0.00	7.40 0.12 0.00	3.14 0.06 0.00	6.37 0.10 0.00	4.66 0.08 0.00	17.53 0.21 0.00	17.90 0.20 0.00	22.43 0.25 0.00	24.46 0.23 0.00	18.49 0.22 0.00	7.84 0.15 0.00	4.50 0.12 0.00
PATTRSNVILLE___SOLAR 323815	14.41 0.55 0.00	9.31 0.37 0.00	8.17 0.33 0.00	8.00 0.32 0.00	9.85 0.40 0.00	4.90 0.20 0.00	1.61 0.06 0.00	6.63 0.21 0.00	10.72 0.34 0.00	14.10 0.39 0.00	8.70 0.21 0.00	7.07 0.12 0.37	2.84 0.03 0.00	7.36 0.08 0.00	3.12 0.04 0.00	6.37 0.10 0.00	4.67 0.09 0.00	17.58 0.27 0.00	18.01 0.31 0.00	22.71 0.53 0.00	24.91 0.67 0.00	18.82 0.54 0.00	7.95 0.25 0.00	4.55 0.17 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	13.75 -0.11 0.00	8.72 -0.22 0.00	7.72 -0.12 0.00	7.65 -0.03 0.00	9.43 -0.02 0.00	4.71 0.01 0.00	1.55 0.00 0.00	6.39 -0.02 0.00	8.17 -0.11 2.10	7.87 -0.22 5.62	4.80 -0.08 3.61	1.70 -0.16 5.47	0.64 -0.08 2.09	3.78 -0.20 3.29	2.95 -0.13 0.00	6.10 -0.17 0.00	4.36 -0.22 0.00	16.45 -0.87 0.00	16.80 -0.90 0.00	21.19 -0.99 0.00	23.16 -1.08 0.00	17.28 -1.00 0.00	7.30 -0.39 0.00	4.26 -0.12 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	14.85 0.99 0.00	9.63 0.69 0.00	8.43 0.60 0.00	8.24 0.56 0.00	10.10 0.65 0.00	5.04 0.34 0.00	1.66 0.11 0.00	6.86 0.44 0.00	11.11 0.73 0.00	14.64 0.93 0.00	9.10 0.61 0.00	7.53 0.54 0.33	2.99 0.19 0.00	7.77 0.49 0.00	3.32 0.24 0.00	6.70 0.43 0.00	4.90 0.32 0.00	18.49 1.17 0.00	18.80 1.10 0.00	23.44 1.26 0.00	25.57 1.33 0.00	19.32 1.05 0.00	8.16 0.47 0.00	4.68 0.30 0.00
PEEKSKILL___ 23653	14.74 0.88 0.00	9.56 0.62 0.00	8.37 0.53 0.00	8.17 0.49 0.00	10.01 0.56 0.00	5.00 0.30 0.00	1.65 0.10 0.00	6.80 0.38 0.00	11.01 0.63 0.00	14.49 0.78 0.00	9.01 0.52 0.00	7.46 0.46 0.33	2.97 0.16 0.00	7.70 0.43 0.00	3.29 0.22 0.00	6.65 0.39 0.00	4.86 0.28 0.00	18.32 1.00 0.00	18.61 0.92 0.00	23.18 1.00 0.00	25.28 1.04 0.00	19.11 0.84 0.00	8.07 0.38 0.00	4.64 0.26 0.00
PGE MADISON___WINDPWR 24146	14.22 0.35 0.00	9.12 0.18 0.00	8.01 0.17 0.00	7.91 0.23 0.00	9.78 0.33 0.00	4.90 0.20 0.00	1.63 0.08 0.00	6.65 0.23 0.00	11.15 0.34 -0.43	15.21 0.35 -1.14	9.54 0.31 -0.74	8.11 0.17 -0.61	3.24 0.01 -0.42	7.99 0.05 -0.67	3.07 -0.01 0.00	6.32 0.06 0.00	4.65 0.07 0.00	17.87 0.55 0.00	18.58 0.88 0.00	23.56 1.38 0.00	25.91 1.67 0.00	19.47 1.20 0.00	8.13 0.44 0.00	4.65 0.27 0.00

PIERCEFIELD___HYD 23852	13.11 -0.75 0.00	8.42 -0.52 0.00	7.37 -0.47 0.00	7.25 -0.43 0.00	9.01 -0.44 0.00	4.48 -0.22 0.00	1.49 -0.06 0.00	6.19 -0.23 0.00	10.02 -0.36 0.00	13.17 -0.54 0.00	8.13 -0.36 0.00	4.93 -0.30 2.09	2.72 -0.09 0.00	7.07 -0.20 0.00	3.00 -0.08 0.00	6.05 -0.22 0.00	4.45 -0.13 0.00	16.97 -0.34 0.00	17.59 -0.11 0.00	22.22 0.04 0.00	24.39 0.15 0.00	18.29 0.02 0.00	7.61 -0.09 0.00	4.29 -0.08 0.00
PINELAWN_CC_1 323563	15.00 1.14 0.00	9.78 0.84 0.00	8.57 0.73 0.00	8.33 0.66 0.00	10.19 0.74 0.00	5.11 0.41 0.00	1.68 0.13 0.00	6.93 0.52 0.00	11.19 0.81 0.00	15.91 1.01 -1.19	18.79 0.74 -9.55	15.90 0.70 -7.88	3.06 0.25 0.00	8.80 0.65 -0.88	12.03 0.31 -8.65	28.63 0.56 -21.80	25.71 0.42 -20.71	33.30 1.45 -14.54	129.99 1.48 -110.81	40.24 1.54 -16.51	53.79 1.68 -27.88	31.00 1.30 -11.43	35.26 0.61 -26.96	15.71 0.40 -10.94
PJM_GEN_HTP_PROXY 323702	14.86 1.00 0.00	9.64 0.70 0.00	8.44 0.61 0.00	8.24 0.56 0.00	10.10 0.65 0.00	5.04 0.34 0.00	1.66 0.11 0.00	6.86 0.44 0.00	11.11 0.73 0.00	14.65 0.94 0.00	9.12 0.63 0.00	7.55 0.56 0.33	3.00 0.20 0.00	7.79 0.52 0.00	3.34 0.26 0.00	6.72 0.46 0.00	4.90 0.33 0.00	18.48 1.16 0.00	18.74 1.04 0.00	23.32 1.14 0.00	25.42 1.18 0.00	19.22 0.95 0.00	8.12 0.43 0.00	4.67 0.30 0.00
PJM_GEN_KEystone 24065	-9.19 0.27 23.33	-49.83 0.15 58.92	8.00 0.16 0.00	7.84 0.16 0.00	9.63 0.18 0.00	4.82 0.11 0.00	1.59 0.04 0.00	6.55 0.13 0.00	10.17 0.20 0.42	12.80 0.21 1.12	7.95 0.18 0.72	6.07 0.12 1.37	2.42 0.03 0.42	6.70 0.08 0.65	3.12 0.04 0.00	6.35 0.08 0.00	4.61 0.03 0.00	17.35 0.03 0.00	17.61 -0.09 0.00	22.02 -0.16 0.00	24.04 -0.19 0.00	18.10 -0.17 0.00	7.64 -0.05 0.00	4.43 0.05 0.00
PJM_GEN_NEPTUNE_PROXY 323594	14.86 1.00 0.00	9.70 0.76 0.00	8.50 0.66 0.00	8.27 0.59 0.00	10.11 0.67 0.00	5.07 0.37 0.00	1.67 0.12 0.00	6.88 0.46 0.00	4.51 0.76 6.63	6.92 0.95 7.74	4.02 0.68 5.16	3.83 0.64 4.13	-15.62 0.23 18.65	-9.94 0.60 17.81	-7.36 0.29 10.73	7.79 0.51 -1.01	7.09 0.38 -2.13	16.44 1.28 2.16	8.72 1.30 10.27	17.92 1.29 5.56	26.91 1.39 -1.28	19.65 1.07 -0.31	12.63 0.52 -4.42	2.32 0.35 2.40
PJM_GEN_VFT_PROXY 323633	-318.55 0.92 333.33	-832.08 0.64 841.67	8.43 0.59 0.00	8.22 0.54 0.00	10.06 0.61 0.00	5.02 0.32 0.00	1.66 0.11 0.00	6.83 0.42 0.00	11.07 0.69 0.00	14.58 0.87 0.00	9.08 0.58 0.00	7.51 0.52 0.33	2.99 0.19 0.00	7.77 0.49 0.00	3.33 0.25 0.00	6.71 0.44 0.00	4.89 0.32 0.00	18.43 1.12 0.00	18.71 1.01 0.00	23.28 1.10 0.00	25.38 1.14 0.00	19.19 0.92 0.00	8.11 0.41 0.00	4.66 0.29 0.00
PLATSBURG_115KV_PMLD1 355749	13.31 -0.55 0.00	8.56 -0.38 0.00	7.46 -0.37 0.00	7.31 -0.37 0.00	8.99 -0.46 0.00	4.48 -0.23 0.00	1.47 -0.08 0.00	6.15 -0.27 0.00	9.96 -0.42 0.00	13.11 -0.60 0.00	8.11 -0.38 0.00	4.59 -0.25 2.48	2.72 -0.08 0.00	7.05 -0.22 0.00	3.01 -0.07 0.00	6.12 -0.14 0.00	4.45 -0.12 0.00	17.06 -0.26 0.00	17.64 -0.05 0.00	22.22 0.04 0.00	24.27 0.03 0.00	18.33 0.06 0.00	7.66 -0.03 0.00	4.33 -0.04 0.00
PLEASANTVLY___LBMP 24000	14.66 0.80 0.00	9.52 0.57 0.00	8.33 0.50 0.00	8.15 0.46 0.00	10.00 0.55 0.00	4.99 0.28 0.00	1.64 0.09 0.00	6.78 0.36 0.00	10.98 0.60 0.00	14.46 0.74 0.00	8.97 0.48 0.00	7.42 0.43 0.33	2.96 0.15 0.00	7.66 0.39 0.00	3.27 0.19 0.00	6.60 0.34 0.00	4.83 0.25 0.00	18.21 0.89 0.00	18.52 0.82 0.00	23.09 0.91 0.00	25.18 0.94 0.00	19.05 0.78 0.00	8.05 0.36 0.00	4.62 0.25 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	14.81 0.95 0.00	9.61 0.67 0.00	8.41 0.58 0.00	8.20 0.53 0.00	10.05 0.60 0.00	5.02 0.32 0.00	1.65 0.10 0.00	6.83 0.41 0.00	11.05 0.67 0.00	14.55 0.84 0.00	9.05 0.56 0.00	7.49 0.50 0.33	2.98 0.18 0.00	7.73 0.46 0.00	3.31 0.22 0.00	6.67 0.41 0.00	4.88 0.30 0.00	18.38 1.06 0.00	18.68 0.98 0.00	23.26 1.08 0.00	25.36 1.13 0.00	19.18 0.91 0.00	8.10 0.41 0.00	4.65 0.28 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	14.81 0.95 0.00	9.61 0.67 0.00	8.41 0.58 0.00	8.20 0.53 0.00	10.05 0.60 0.00	5.02 0.32 0.00	1.65 0.10 0.00	6.83 0.41 0.00	11.05 0.67 0.00	14.55 0.84 0.00	9.05 0.56 0.00	7.49 0.50 0.33	2.98 0.18 0.00	7.73 0.46 0.00	3.31 0.22 0.00	6.67 0.41 0.00	4.88 0.30 0.00	18.38 1.06 0.00	18.68 0.98 0.00	23.26 1.08 0.00	25.36 1.13 0.00	19.18 0.91 0.00	8.10 0.41 0.00	4.65 0.28 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	14.79 0.92 0.00	9.59 0.65 0.00	8.40 0.56 0.00	8.21 0.53 0.00	10.07 0.63 0.00	5.03 0.32 0.00	1.66 0.11 0.00	6.84 0.42 0.00	11.07 0.69 0.00	14.58 0.88 0.00	9.05 0.56 0.00	7.48 0.49 0.33	2.98 0.17 0.00	7.72 0.45 0.00	3.29 0.21 0.00	6.66 0.39 0.00	4.87 0.29 0.00	18.39 1.07 0.00	18.72 1.02 0.00	23.36 1.18 0.00	25.49 1.26 0.00	19.27 1.00 0.00	8.14 0.45 0.00	4.67 0.29 0.00
POLETTI____ 23519	14.84 0.98 0.00	9.63 0.68 0.00	8.43 0.60 0.00	8.22 0.54 0.00	10.08 0.63 0.00	5.04 0.33 0.00	1.66 0.11 0.00	6.85 0.43 0.00	11.11 0.73 0.00	14.66 0.95 0.00	9.12 0.63 0.00	7.55 0.56 0.33	3.00 0.20 0.00	7.80 0.53 0.00	3.34 0.26 0.00	6.72 0.45 0.00	4.90 0.32 0.00	18.47 1.15 0.00	18.73 1.03 0.00	23.31 1.13 0.00	25.39 1.16 0.00	19.22 0.95 0.00	8.12 0.43 0.00	4.67 0.29 0.00
POMONA___ESR 323819	14.69 0.83 0.00	9.51 0.58 0.00	8.33 0.49 0.00	8.12 0.44 0.00	9.96 0.51 0.00	4.97 0.27 0.00	1.64 0.09 0.00	6.76 0.34 0.00	10.93 0.55 0.00	14.40 0.69 0.00	8.95 0.46 0.00	7.41 0.41 0.32	2.95 0.14 0.00	7.67 0.39 0.00	3.28 0.20 0.00	6.63 0.37 0.00	4.85 0.27 0.00	18.27 0.95 0.00	18.56 0.86 0.00	23.12 0.94 0.00	25.21 0.97 0.00	19.05 0.78 0.00	8.03 0.34 0.00	4.63 0.25 0.00
PORT_JEFF_3 23555	15.03 1.17 0.00	9.80 0.86 0.00	8.60 0.76 0.00	8.36 0.68 0.00	10.21 0.76 0.00	5.13 0.43 0.00	1.69 0.14 0.00	6.95 0.53 0.00	7.05 0.82 4.16	10.32 1.01 4.39	9.54 0.76 -0.28	8.37 0.72 -0.34	-8.66 0.27 11.74	-2.93 0.68 10.88	-0.16 0.32 3.56	15.48 0.59 -8.63	13.96 0.44 -8.94	22.75 1.46 -3.97	53.52 1.48 -34.35	26.30 1.56 -2.56	36.84 1.73 -10.88	23.94 1.34 -4.33	20.89 0.63 -12.57	7.44 0.41 -2.66
PORT_JEFF_4 23616	15.03 1.17 0.00	9.80 0.86 0.00	8.60 0.76 0.00	8.36 0.68 0.00	10.21 0.76 0.00	5.13 0.43 0.00	1.69 0.14 0.00	6.95 0.53 0.00	7.05 0.82 4.16	10.32 1.01 4.39	9.54 0.76 -0.28	8.37 0.72 -0.34	-8.66 0.27 11.74	-2.93 0.68 10.88	-0.16 0.32 3.56	15.48 0.59 -8.63	13.96 0.44 -8.94	22.75 1.46 -3.97	53.52 1.48 -34.35	26.30 1.56 -2.56	36.84 1.73 -10.88	23.94 1.34 -4.33	20.89 0.63 -12.57	7.44 0.41 -2.66

PORT_JEFF_IC 23713	15.04 1.18 0.00	9.80 0.86 0.00	8.60 0.76 0.00	8.36 0.68 0.00	10.21 0.76 0.00	5.13 0.43 0.00	1.69 0.14 0.00	6.96 0.54 0.00	7.22 0.83 3.99	10.55 1.00 4.17	9.92 0.77 -0.66	8.69 0.72 -0.64	-8.19 0.27 11.26	-2.44 0.69 10.40	0.34 0.33 3.07	16.02 0.59 -9.16	14.44 0.45 -9.41	23.18 1.47 -4.40	56.61 1.50 -37.41	26.88 1.59 -3.10	37.47 1.79 -11.44	24.23 1.39 -4.57	21.39 0.65 -13.05	7.74 0.42 -2.95
PPL PILGRIM_ST_GT1 24216	15.09 1.23 0.00	9.84 0.89 0.00	8.63 0.79 0.00	8.39 0.71 0.00	10.25 0.80 0.00	5.15 0.45 0.00	1.70 0.15 0.00	6.98 0.56 0.00	7.99 0.87 3.27	11.59 1.07 3.19	11.54 0.80 -2.25	10.01 0.75 -1.94	-6.16 0.27 9.24	-0.39 0.71 8.38	2.44 0.33 0.98	18.23 0.61 -11.35	16.41 0.46 -11.37	25.03 1.55 -6.16	69.53 1.58 -50.25	29.35 1.68 -5.49	40.55 1.82 -14.50	25.52 1.41 -5.85	23.99 0.66 -15.64	9.29 0.43 -4.49
PPL PILGRIM_ST_GT2 24217	15.09 1.23 0.00	9.84 0.89 0.00	8.63 0.79 0.00	8.39 0.71 0.00	10.25 0.80 0.00	5.15 0.45 0.00	1.70 0.15 0.00	6.98 0.56 0.00	7.99 0.87 3.27	11.59 1.07 3.19	11.54 0.80 -2.25	10.01 0.75 -1.94	-6.16 0.27 9.24	-0.39 0.71 8.38	2.44 0.33 0.98	18.23 0.61 -11.35	16.41 0.46 -11.37	25.03 1.55 -6.16	69.53 1.58 -50.25	29.35 1.68 -5.49	40.55 1.82 -14.50	25.52 1.41 -5.85	23.99 0.66 -15.64	9.29 0.43 -4.49
PPL_SHRM_GT3 24213	15.05 1.18 0.00	9.81 0.87 0.00	8.61 0.77 0.00	8.37 0.69 0.00	10.22 0.77 0.00	5.14 0.44 0.00	1.69 0.14 0.00	6.96 0.54 0.00	7.13 0.82 4.08	10.42 1.00 4.29	9.71 0.75 -0.46	8.51 0.71 -0.48	-8.43 0.27 11.51	-2.70 0.68 10.65	0.07 0.32 3.33	15.73 0.59 -8.87	14.18 0.45 -9.16	22.85 1.36 -4.17	54.86 1.38 -35.78	26.45 1.45 -2.82	37.00 1.59 -11.17	23.98 1.25 -4.45	21.10 0.59 -12.82	7.57 0.38 -2.81
PPL_SHRM_GT4 24214	15.05 1.18 0.00	9.81 0.87 0.00	8.61 0.77 0.00	8.37 0.69 0.00	10.22 0.77 0.00	5.14 0.44 0.00	1.69 0.14 0.00	6.96 0.54 0.00	7.13 0.82 4.08	10.42 1.00 4.29	9.71 0.75 -0.46	8.51 0.71 -0.48	-8.43 0.27 11.51	-2.70 0.68 10.65	0.07 0.32 3.33	15.73 0.59 -8.87	14.18 0.45 -9.16	22.85 1.36 -4.17	54.86 1.38 -35.78	26.45 1.45 -2.82	37.00 1.59 -11.17	23.98 1.25 -4.45	21.10 0.59 -12.82	7.57 0.38 -2.81
PROJECT___ORANGE 1 24174	13.89 0.03 0.00	8.94 0.00 0.00	7.85 0.01 0.00	7.70 0.02 0.00	9.48 0.03 0.00	4.72 0.02 0.00	1.56 0.01 0.00	6.42 0.00 0.00	10.37 0.00 0.00	13.69 -0.02 0.00	8.48 -0.01 0.00	6.82 -0.05 0.46	2.77 -0.03 0.00	7.20 -0.08 0.00	3.05 -0.03 0.00	6.22 -0.05 0.00	4.54 -0.04 0.00	17.12 -0.20 0.00	17.45 -0.25 0.00	21.88 -0.30 0.00	23.92 -0.32 0.00	18.04 -0.24 0.00	7.61 -0.08 0.00	4.36 -0.01 0.00
PROJECT___ORANGE 2 24166	13.89 0.03 0.00	8.94 0.00 0.00	7.85 0.01 0.00	7.70 0.02 0.00	9.48 0.03 0.00	4.72 0.02 0.00	1.56 0.01 0.00	6.42 0.00 0.00	10.37 0.00 0.00	13.69 -0.02 0.00	8.48 -0.01 0.00	6.82 -0.05 0.46	2.77 -0.03 0.00	7.20 -0.08 0.00	3.05 -0.03 0.00	6.22 -0.05 0.00	4.54 -0.04 0.00	17.12 -0.20 0.00	17.45 -0.25 0.00	21.88 -0.30 0.00	23.92 -0.32 0.00	18.04 -0.24 0.00	7.61 -0.08 0.00	4.36 -0.01 0.00
PUCKETT___SOLAR 323809	14.01 0.15 0.00	9.01 0.07 0.00	7.90 0.06 0.00	7.78 0.10 0.00	9.58 0.13 0.00	4.79 0.08 0.00	1.58 0.03 0.00	6.50 0.08 0.00	10.50 0.12 0.00	13.77 0.06 0.00	8.61 0.12 0.00	6.93 0.05 0.44	2.80 0.00 0.00	7.27 0.00 0.00	3.06 -0.02 0.00	6.25 -0.02 0.00	4.57 -0.01 0.00	17.26 -0.06 0.00	17.69 0.00 0.00	22.26 0.08 0.00	24.45 0.21 0.00	18.43 0.16 0.00	7.76 0.07 0.00	4.46 0.08 0.00
PYRITES___HYD 24023	13.44 -0.42 0.00	8.64 -0.31 0.00	7.56 -0.28 0.00	7.42 -0.25 0.00	9.21 -0.24 0.00	4.57 -0.13 0.00	1.51 -0.04 0.00	6.30 -0.12 0.00	10.19 -0.18 0.00	13.30 -0.41 0.00	8.21 -0.28 0.00	4.98 -0.22 2.13	2.76 -0.05 0.00	7.17 -0.10 0.00	3.05 -0.03 0.00	6.12 -0.15 0.00	4.51 -0.07 0.00	17.25 -0.07 0.00	17.95 0.25 0.00	22.73 0.55 0.00	24.93 0.69 0.00	18.69 0.42 0.00	7.76 0.07 0.00	4.37 -0.01 0.00
QUAKERRD_115KV_BK1 80622	13.47 -0.39 0.00	8.61 -0.33 0.00	7.59 -0.25 0.00	7.48 -0.20 0.00	9.20 -0.24 0.00	4.59 -0.11 0.00	1.51 -0.04 0.00	6.23 -0.19 0.00	10.03 -0.34 0.00	13.26 -0.45 0.00	8.25 -0.25 0.00	6.69 -0.27 0.36	2.69 -0.11 0.00	6.99 -0.29 0.00	2.95 -0.13 0.00	6.03 -0.23 0.00	4.36 -0.21 0.00	16.48 -0.83 0.00	16.83 -0.87 0.00	21.16 -1.02 0.00	23.09 -1.14 0.00	17.30 -0.97 0.00	7.30 -0.40 0.00	4.21 -0.17 0.00
QUENSBRY_115KV_TB8 356137	14.73 0.87 0.00	9.56 0.62 0.00	8.38 0.55 0.00	8.21 0.53 0.00	10.11 0.66 0.00	5.03 0.33 0.00	1.65 0.11 0.00	6.86 0.44 0.00	11.13 0.75 0.00	14.60 0.89 0.00	8.91 0.41 0.00	7.28 0.32 0.37	2.92 0.11 0.00	7.54 0.26 0.00	3.19 0.11 0.00	6.45 0.19 0.00	4.74 0.16 0.00	18.03 0.71 0.00	18.54 0.85 0.00	23.30 1.12 0.00	25.51 1.27 0.00	19.32 1.05 0.00	8.17 0.48 0.00	4.67 0.30 0.00
RAMAPO___LBMP 323565	14.64 0.78 0.00	9.49 0.54 0.00	8.30 0.46 0.00	8.10 0.42 0.00	9.93 0.48 0.00	4.96 0.26 0.00	1.63 0.08 0.00	6.74 0.32 0.00	10.90 0.52 0.00	14.35 0.64 0.00	8.92 0.43 0.00	7.39 0.39 0.32	2.94 0.14 0.00	7.64 0.37 0.00	3.27 0.19 0.00	6.61 0.34 0.00	4.83 0.25 0.00	18.20 0.88 0.00	18.49 0.79 0.00	23.03 0.85 0.00	25.11 0.87 0.00	18.98 0.71 0.00	8.00 0.31 0.00	4.61 0.24 0.00
RANKINE____ 23646	13.64 -0.22 0.00	8.64 -0.30 0.00	7.65 -0.18 0.00	7.59 -0.09 0.00	9.35 -0.10 0.00	4.67 -0.03 0.00	1.54 -0.01 0.00	6.34 -0.08 0.00	7.72 -0.23 2.43	6.85 -0.35 6.52	4.15 -0.15 4.19	0.82 -0.22 6.28	0.28 -0.10 2.42	3.20 -0.27 3.81	2.93 -0.15 0.00	6.05 -0.21 0.00	4.32 -0.26 0.00	16.31 -1.01 0.00	16.66 -1.04 0.00	21.05 -1.14 0.00	23.02 -1.22 0.00	17.16 -1.11 0.00	7.25 -0.44 0.00	4.23 -0.15 0.00
RAVENSWOOD_GT2_1 24244	14.87 1.01 0.00	9.65 0.71 0.00	8.45 0.62 0.00	8.25 0.57 0.00	10.11 0.66 0.00	5.04 0.34 0.00	1.66 0.11 0.00	6.87 0.45 0.00	11.12 0.74 0.00	14.66 0.95 0.00	9.12 0.63 0.00	7.56 0.56 0.33	3.00 0.20 0.00	7.80 0.53 0.00	3.34 0.26 0.00	6.73 0.46 0.00	4.91 0.33 0.00	18.49 1.17 0.00	18.76 1.06 0.00	23.35 1.17 0.00	25.45 1.21 0.00	19.25 0.98 0.00	8.13 0.44 0.00	4.68 0.30 0.00
RAVENSWOOD_GT2_2 24245	14.87 1.01 0.00	9.65 0.71 0.00	8.45 0.62 0.00	8.25 0.57 0.00	10.11 0.66 0.00	5.04 0.34 0.00	1.66 0.11 0.00	6.87 0.45 0.00	11.12 0.74 0.00	14.66 0.95 0.00	9.12 0.63 0.00	7.56 0.56 0.33	3.00 0.20 0.00	7.80 0.53 0.00	3.34 0.26 0.00	6.73 0.46 0.00	4.91 0.33 0.00	18.49 1.17 0.00	18.76 1.06 0.00	23.35 1.17 0.00	25.45 1.21 0.00	19.25 0.98 0.00	8.13 0.44 0.00	4.68 0.30 0.00

RAVENSWOOD_GT2_3 24246	14.88 1.01 0.00	9.65 0.71 0.00	8.46 0.62 0.00	8.25 0.57 0.00	10.11 0.66 0.00	5.05 0.35 0.00	1.66 0.11 0.00	6.87 0.45 0.00	11.13 0.75 0.00	14.67 0.96 0.00	9.13 0.64 0.00	7.56 0.57 0.33	3.01 0.20 0.00	7.80 0.53 0.00	3.34 0.26 0.00	6.73 0.46 0.00	4.91 0.33 0.00	18.49 1.18 0.00	18.76 1.07 0.00	23.36 1.18 0.00	25.46 1.22 0.00	19.26 0.99 0.00	8.14 0.44 0.00	4.68 0.30 0.00
RAVENSWOOD_GT2_4 24247	14.88 1.01 0.00	9.65 0.71 0.00	8.46 0.62 0.00	8.25 0.57 0.00	10.11 0.66 0.00	5.05 0.35 0.00	1.66 0.11 0.00	6.87 0.45 0.00	11.13 0.75 0.00	14.67 0.96 0.00	9.13 0.64 0.00	7.56 0.57 0.33	3.01 0.20 0.00	7.80 0.53 0.00	3.34 0.26 0.00	6.73 0.46 0.00	4.91 0.33 0.00	18.49 1.18 0.00	18.76 1.07 0.00	23.36 1.18 0.00	25.46 1.22 0.00	19.26 0.99 0.00	8.14 0.44 0.00	4.68 0.30 0.00
RAVENSWOOD_GT3_1 24248	14.87 1.01 0.00	9.65 0.71 0.00	8.45 0.62 0.00	8.25 0.57 0.00	10.11 0.66 0.00	5.04 0.34 0.00	1.66 0.11 0.00	6.87 0.45 0.00	11.12 0.74 0.00	14.66 0.95 0.00	9.12 0.63 0.00	7.56 0.56 0.33	3.00 0.20 0.00	7.80 0.53 0.00	3.34 0.26 0.00	6.73 0.46 0.00	4.91 0.33 0.00	18.49 1.17 0.00	18.76 1.06 0.00	23.35 1.17 0.00	25.45 1.21 0.00	19.25 0.98 0.00	8.13 0.44 0.00	4.68 0.30 0.00
RAVENSWOOD_GT3_2 24249	14.87 1.01 0.00	9.65 0.71 0.00	8.45 0.62 0.00	8.25 0.57 0.00	10.11 0.66 0.00	5.04 0.34 0.00	1.66 0.11 0.00	6.87 0.45 0.00	11.12 0.74 0.00	14.66 0.95 0.00	9.12 0.63 0.00	7.56 0.56 0.33	3.00 0.20 0.00	7.80 0.53 0.00	3.34 0.26 0.00	6.73 0.46 0.00	4.91 0.33 0.00	18.49 1.17 0.00	18.76 1.06 0.00	23.35 1.17 0.00	25.45 1.21 0.00	19.25 0.98 0.00	8.13 0.44 0.00	4.68 0.30 0.00
RAVENSWOOD_GT3_3 24250	14.89 1.03 0.00	9.66 0.72 0.00	8.46 0.63 0.00	8.25 0.57 0.00	10.12 0.67 0.00	5.05 0.35 0.00	1.66 0.11 0.00	6.87 0.46 0.00	11.14 0.76 0.00	14.68 0.97 0.00	9.14 0.64 0.00	7.56 0.57 0.33	3.01 0.20 0.00	7.81 0.54 0.00	3.34 0.27 0.00	6.74 0.47 0.00	4.91 0.33 0.00	18.51 1.19 0.00	18.79 1.09 0.00	23.38 1.20 0.00	25.48 1.25 0.00	19.28 1.01 0.00	8.14 0.45 0.00	4.68 0.31 0.00
RAVENSWOOD_GT3_4 24251	14.89 1.03 0.00	9.66 0.72 0.00	8.46 0.63 0.00	8.25 0.57 0.00	10.12 0.67 0.00	5.05 0.35 0.00	1.66 0.11 0.00	6.87 0.46 0.00	11.14 0.76 0.00	14.68 0.97 0.00	9.14 0.64 0.00	7.56 0.57 0.33	3.01 0.20 0.00	7.81 0.54 0.00	3.34 0.27 0.00	6.74 0.47 0.00	4.91 0.33 0.00	18.51 1.19 0.00	18.79 1.09 0.00	23.38 1.20 0.00	25.48 1.25 0.00	19.28 1.01 0.00	8.14 0.45 0.00	4.68 0.31 0.00
RAVENSWOOD_GT_1 23729	14.92 1.06 0.00	9.69 0.74 -0.01	8.48 0.65 0.00	8.27 0.59 0.00	10.14 0.69 0.00	5.06 0.36 0.00	1.67 0.12 0.00	6.89 0.47 0.00	11.16 0.78 0.00	14.71 1.00 0.00	9.16 0.67 0.00	7.59 0.59 0.33	3.02 0.21 0.00	7.83 0.56 0.00	3.35 0.27 0.00	6.77 0.49 -0.01	4.92 0.34 0.00	18.53 1.21 0.00	18.81 1.11 0.00	23.41 1.23 0.00	25.51 1.28 0.00	19.30 1.03 0.00	8.15 0.46 0.00	4.69 0.31 0.00
RAVENSWOOD_GT_10 24258	14.87 1.01 0.00	9.65 0.71 0.00	8.45 0.62 0.00	8.25 0.56 0.00	10.11 0.66 0.00	5.04 0.34 0.00	1.66 0.11 0.00	6.87 0.45 0.00	11.12 0.74 0.00	14.66 0.95 0.00	9.12 0.63 0.00	7.55 0.56 0.33	3.00 0.20 0.00	7.80 0.53 0.00	3.34 0.26 0.00	6.73 0.46 0.00	4.91 0.33 0.00	18.49 1.17 0.00	18.76 1.06 0.00	23.35 1.17 0.00	25.45 1.21 0.00	19.25 0.98 0.00	8.13 0.44 0.00	4.67 0.30 0.00
RAVENSWOOD_GT_11 24259	14.87 1.01 0.00	9.65 0.71 0.00	8.45 0.62 0.00	8.25 0.56 0.00	10.11 0.66 0.00	5.04 0.34 0.00	1.66 0.11 0.00	6.87 0.45 0.00	11.12 0.74 0.00	14.66 0.95 0.00	9.12 0.63 0.00	7.55 0.56 0.33	3.00 0.20 0.00	7.80 0.53 0.00	3.34 0.26 0.00	6.73 0.46 0.00	4.91 0.33 0.00	18.49 1.17 0.00	18.76 1.06 0.00	23.35 1.17 0.00	25.45 1.21 0.00	19.25 0.98 0.00	8.13 0.44 0.00	4.67 0.30 0.00
RAVENSWOOD_GT_4 24252	14.86 1.00 0.00	9.64 0.70 0.00	8.45 0.61 0.00	8.24 0.56 0.00	10.10 0.66 0.00	5.04 0.34 0.00	1.66 0.11 0.00	6.86 0.45 0.00	11.12 0.74 0.00	14.66 0.95 0.00	9.12 0.63 0.00	7.55 0.56 0.33	3.00 0.20 0.00	7.80 0.53 0.00	3.34 0.26 0.00	6.72 0.46 0.00	4.91 0.33 0.00	18.48 1.17 0.00	18.76 1.06 0.00	23.35 1.17 0.00	25.45 1.21 0.00	19.25 0.98 0.00	8.13 0.44 0.00	4.67 0.30 0.00
RAVENSWOOD_GT_5 24254	14.86 1.00 0.00	9.64 0.70 0.00	8.45 0.61 0.00	8.24 0.56 0.00	10.10 0.66 0.00	5.04 0.34 0.00	1.66 0.11 0.00	6.86 0.45 0.00	11.12 0.74 0.00	14.66 0.95 0.00	9.12 0.63 0.00	7.55 0.56 0.33	3.00 0.20 0.00	7.80 0.53 0.00	3.34 0.26 0.00	6.72 0.46 0.00	4.91 0.33 0.00	18.48 1.17 0.00	18.76 1.06 0.00	23.35 1.17 0.00	25.45 1.21 0.00	19.25 0.98 0.00	8.13 0.44 0.00	4.67 0.30 0.00
RAVENSWOOD_GT_6 24253	14.86 1.00 0.00	9.64 0.70 0.00	8.45 0.61 0.00	8.24 0.56 0.00	10.10 0.66 0.00	5.04 0.34 0.00	1.66 0.11 0.00	6.86 0.45 0.00	11.12 0.74 0.00	14.66 0.95 0.00	9.12 0.63 0.00	7.55 0.56 0.33	3.00 0.20 0.00	7.80 0.53 0.00	3.34 0.26 0.00	6.72 0.46 0.00	4.91 0.33 0.00	18.48 1.17 0.00	18.76 1.06 0.00	23.35 1.17 0.00	25.45 1.21 0.00	19.25 0.98 0.00	8.13 0.44 0.00	4.67 0.30 0.00
RAVENSWOOD_GT_7 24255	14.86 1.00 0.00	9.64 0.70 0.00	8.45 0.61 0.00	8.24 0.56 0.00	10.10 0.66 0.00	5.04 0.34 0.00	1.66 0.11 0.00	6.86 0.45 0.00	11.12 0.74 0.00	14.66 0.95 0.00	9.12 0.63 0.00	7.55 0.56 0.33	3.00 0.20 0.00	7.80 0.53 0.00	3.34 0.26 0.00	6.72 0.46 0.00	4.91 0.33 0.00	18.48 1.17 0.00	18.76 1.06 0.00	23.35 1.17 0.00	25.45 1.21 0.00	19.25 0.98 0.00	8.13 0.44 0.00	4.67 0.30 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	14.87 1.01 0.00	9.65 0.71 0.00	8.45 0.62 0.00	8.25 0.56 0.00	10.11 0.66 0.00	5.04 0.34 0.00	1.66 0.11 0.00	6.87 0.45 0.00	11.12 0.74 0.00	14.66 0.95 0.00	9.12 0.63 0.00	7.55 0.56 0.33	3.00 0.20 0.00	7.80 0.53 0.00	3.34 0.26 0.00	6.73 0.46 0.00	4.91 0.33 0.00	18.49 1.17 0.00	18.76 1.06 0.00	23.35 1.17 0.00	25.45 1.21 0.00	19.25 0.98 0.00	8.13 0.44 0.00	4.67 0.30 0.00
RAVENSWOOD_GT_9 24257	14.87 1.01 0.00	9.65 0.71 0.00	8.45 0.62 0.00	8.25 0.56 0.00	10.11 0.66 0.00	5.04 0.34 0.00	1.66 0.11 0.00	6.87 0.45 0.00	11.12 0.74 0.00	14.66 0.95 0.00	9.12 0.63 0.00	7.55 0.56 0.33	3.00 0.20 0.00	7.80 0.53 0.00	3.34 0.26 0.00	6.73 0.46 0.00	4.91 0.33 0.00	18.49 1.17 0.00	18.76 1.06 0.00	23.35 1.17 0.00	25.45 1.21 0.00	19.25 0.98 0.00	8.13 0.44 0.00	4.67 0.30 0.00

RAVENSWOOD___1 23533	14.91 1.05 0.00	9.68 0.73 -0.01	8.48 0.64 0.00	8.26 0.58 0.00	10.13 0.68 0.00	5.05 0.35 0.00	1.67 0.12 0.00	6.88 0.46 0.00	11.14 0.76 0.00	14.69 0.98 0.00	9.15 0.65 0.00	7.58 0.58 0.33	3.01 0.21 0.00	7.83 0.55 0.00	3.35 0.27 0.00	6.76 0.48 -0.01	4.92 0.34 0.00	18.51 1.19 0.00	18.78 1.08 0.00	23.38 1.20 0.00	25.47 1.24 0.00	19.27 1.00 0.00	8.14 0.45 0.00	4.68 0.31 0.00
RAVENSWOOD___2 23534	14.91 1.05 0.00	9.68 0.73 -0.01	8.48 0.64 0.00	8.26 0.58 0.00	10.13 0.68 0.00	5.05 0.35 0.00	1.67 0.12 0.00	6.88 0.46 0.00	11.14 0.76 0.00	14.69 0.98 0.00	9.15 0.65 0.00	7.58 0.58 0.33	3.01 0.21 0.00	7.83 0.55 0.00	3.35 0.27 0.00	6.76 0.48 -0.01	4.92 0.34 0.00	18.51 1.19 0.00	18.78 1.08 0.00	23.38 1.20 0.00	25.47 1.24 0.00	19.27 1.00 0.00	8.14 0.45 0.00	4.68 0.31 0.00
RAVENSWOOD___3 23535	14.87 1.01 0.00	9.65 0.71 0.00	8.45 0.62 0.00	8.25 0.57 0.00	10.11 0.66 0.00	5.05 0.34 0.00	1.66 0.11 0.00	6.87 0.45 0.00	11.12 0.74 0.00	14.66 0.95 0.00	9.13 0.64 0.00	7.56 0.56 0.33	3.00 0.20 0.00	7.80 0.53 0.00	3.34 0.26 0.00	6.73 0.46 0.00	4.91 0.33 0.00	18.49 1.17 0.00	18.76 1.07 0.00	23.35 1.17 0.00	25.45 1.21 0.00	19.25 0.98 0.00	8.13 0.44 0.00	4.68 0.30 0.00
RAVENSWOOD___4 23820	14.91 1.05 0.00	9.68 0.73 -0.01	8.48 0.64 0.00	8.26 0.58 0.00	10.13 0.68 0.00	5.05 0.35 0.00	1.67 0.12 0.00	6.88 0.46 0.00	11.14 0.76 0.00	14.69 0.98 0.00	9.15 0.65 0.00	7.58 0.58 0.33	3.01 0.21 0.00	7.83 0.55 0.00	3.35 0.27 0.00	6.76 0.48 -0.01	4.92 0.34 0.00	18.51 1.19 0.00	18.78 1.08 0.00	23.38 1.20 0.00	25.47 1.24 0.00	19.27 1.00 0.00	8.14 0.45 0.00	4.68 0.31 0.00
RCPL_TRUST___DRP 24196	14.87 1.01 0.00	9.65 0.71 0.00	8.45 0.62 0.00	8.24 0.56 0.00	10.11 0.66 0.00	5.04 0.34 0.00	1.66 0.11 0.00	6.87 0.45 0.00	11.12 0.74 0.00	14.66 0.95 0.00	9.13 0.64 0.00	7.56 0.57 0.33	3.01 0.20 0.00	7.80 0.53 0.00	3.34 0.26 0.00	6.73 0.46 0.00	4.91 0.33 0.00	18.49 1.17 0.00	18.76 1.06 0.00	23.32 1.14 0.00	25.42 1.18 0.00	19.24 0.97 0.00	8.13 0.44 0.00	4.68 0.30 0.00
RED___ROCHESTER 323720	13.80 -0.06 0.00	8.80 -0.14 0.00	7.76 -0.07 0.00	7.66 -0.02 0.00	9.43 -0.02 0.00	4.70 0.00 0.00	1.55 0.00 0.00	6.38 -0.04 0.00	10.27 -0.11 0.00	13.58 -0.13 0.00	8.45 -0.04 0.00	6.87 -0.10 0.35	2.76 -0.05 0.00	7.15 -0.12 0.00	3.02 -0.06 0.00	6.18 -0.09 0.00	4.46 -0.12 0.00	16.86 -0.46 0.00	17.23 -0.47 0.00	21.68 -0.50 0.00	23.65 -0.59 0.00	17.70 -0.58 0.00	7.46 -0.23 0.00	4.31 -0.07 0.00
REGAN___SOLAR 323812	14.65 0.78 0.00	9.44 0.50 0.00	8.28 0.44 0.00	8.11 0.43 0.00	9.99 0.54 0.00	4.97 0.27 0.00	1.62 0.07 0.00	6.65 0.23 0.00	10.77 0.39 0.00	14.17 0.46 0.00	8.71 0.21 0.00	6.96 0.01 0.37	2.79 -0.02 0.00	7.30 0.03 0.00	3.05 -0.03 0.00	6.37 0.10 0.00	4.67 0.09 0.00	17.37 0.05 0.00	17.98 0.28 0.00	23.06 0.87 0.00	25.51 1.28 0.00	19.23 0.96 0.00	8.11 0.42 0.00	4.63 0.25 0.00
RENSSELAER___COGEN 23796	14.25 0.38 0.00	9.26 0.32 0.00	8.11 0.27 0.00	7.94 0.26 0.00	9.76 0.31 0.00	4.86 0.15 0.00	1.60 0.05 0.00	6.59 0.17 0.00	10.66 0.28 0.00	14.00 0.29 0.00	8.64 0.15 0.00	7.11 0.14 0.36	2.85 0.04 0.00	7.37 0.10 0.00	3.13 0.05 0.00	6.34 0.07 0.00	4.64 0.06 0.00	17.45 0.13 0.00	17.81 0.12 0.00	22.31 0.13 0.00	24.35 0.11 0.00	18.40 0.13 0.00	7.81 0.12 0.00	4.48 0.10 0.00
REPUBLIC_115KV_BARTNBRK 55605	14.75 0.88 0.00	9.68 0.74 0.00	8.46 0.63 0.00	8.28 0.60 0.00	10.17 0.73 0.00	5.08 0.38 0.00	1.67 0.12 0.00	7.00 0.58 0.00	11.40 1.02 0.00	14.84 1.13 0.00	8.97 0.47 0.00	7.34 0.39 0.37	2.99 0.18 0.00	7.69 0.41 0.00	3.23 0.15 0.00	6.43 0.17 0.00	4.74 0.16 0.00	18.38 1.06 0.00	19.16 1.46 0.00	24.10 1.92 0.00	26.51 2.27 0.00	19.82 1.55 0.00	8.42 0.73 0.00	4.79 0.42 0.00
REVERE_CPPR_DRP 24186	14.28 0.42 0.00	9.17 0.23 0.00	8.04 0.20 0.00	7.89 0.21 0.00	9.71 0.27 0.00	4.84 0.14 0.00	1.60 0.05 0.00	6.58 0.16 0.00	10.64 0.25 0.00	14.03 0.33 0.00	8.66 0.16 0.00	6.73 0.07 0.66	2.81 0.00 0.00	7.27 -0.01 0.00	3.10 0.02 0.00	6.28 0.01 0.00	4.62 0.04 0.00	17.43 0.11 0.00	17.91 0.21 0.00	22.63 0.45 0.00	24.84 0.60 0.00	18.70 0.42 0.00	7.88 0.19 0.00	4.52 0.14 0.00
REYNLDPA_13_KV_LD 356490	13.56 -0.30 0.00	8.71 -0.24 0.00	7.63 -0.21 0.00	7.47 -0.20 0.00	9.20 -0.25 0.00	4.57 -0.13 0.00	1.51 -0.04 0.00	6.29 -0.13 0.00	10.17 -0.21 0.00	13.44 -0.27 0.00	8.33 -0.17 0.00	4.72 -0.13 2.48	2.78 -0.03 0.00	7.21 -0.06 0.00	3.06 -0.02 0.00	6.25 -0.02 0.00	4.54 -0.04 0.00	17.26 -0.05 0.00	17.77 0.07 0.00	22.30 0.12 0.00	24.42 0.18 0.00	18.34 0.07 0.00	7.68 -0.02 0.00	4.33 -0.04 0.00
REYNOLDS_115KV_TB3 80639	14.35 0.48 0.00	9.32 0.38 0.00	8.16 0.33 0.00	8.00 0.32 0.00	9.83 0.38 0.00	4.89 0.19 0.00	1.61 0.06 0.00	6.64 0.22 0.00	10.74 0.36 0.00	14.10 0.39 0.00	8.69 0.20 0.00	7.15 0.19 0.36	2.86 0.06 0.00	7.42 0.14 0.00	3.15 0.07 0.00	6.37 0.10 0.00	4.66 0.08 0.00	17.57 0.25 0.00	17.94 0.24 0.00	22.46 0.28 0.00	24.50 0.26 0.00	18.52 0.25 0.00	7.86 0.17 0.00	4.50 0.13 0.00
RIVERBAY____ 323610	15.22 1.36 0.00	9.80 0.86 0.00	8.56 0.73 0.00	8.36 0.68 0.00	10.29 0.84 0.00	5.13 0.43 0.00	1.70 0.15 -0.01	7.02 0.59 -0.01	11.40 1.01 -0.01	15.05 1.33 -0.01	9.37 0.87 -0.01	7.76 0.76 0.33	3.08 0.27 -0.01	8.00 0.72 0.00	3.41 0.32 -0.01	6.84 0.57 0.00	5.00 0.42 0.00	18.81 1.50 0.00	19.08 1.38 0.00	23.86 1.68 0.00	25.93 1.70 0.00	19.60 1.33 0.00	8.28 0.59 0.00	4.76 0.39 0.00
RIVERSDE_115KV_TB3 55908	14.30 0.43 0.00	9.30 0.35 0.00	8.14 0.30 0.00	7.97 0.29 0.00	9.79 0.35 0.00	4.87 0.17 0.00	1.60 0.05 0.00	6.61 0.19 0.00	10.70 0.32 0.00	14.06 0.35 0.00	8.67 0.17 0.00	7.13 0.17 0.36	2.85 0.05 0.00	7.39 0.12 0.00	3.14 0.06 0.00	6.36 0.09 0.00	4.65 0.07 0.00	17.51 0.19 0.00	17.88 0.19 0.00	22.40 0.21 0.00	24.43 0.20 0.00	18.47 0.20 0.00	7.84 0.15 0.00	4.49 0.12 0.00
ROARING___BROOK_WT_PWR 323790	13.73 -0.13 0.00	8.85 -0.09 0.00	7.75 -0.08 0.00	7.60 -0.08 0.00	9.35 -0.10 0.00	4.64 -0.06 0.00	1.53 -0.02 0.00	6.35 -0.07 0.00	10.27 -0.11 0.00	13.51 -0.20 0.00	8.37 -0.13 0.00	5.81 -0.15 1.36	2.74 -0.06 0.00	7.09 -0.18 0.00	2.99 -0.09 0.00	6.10 -0.17 0.00	4.48 -0.10 0.00	16.99 -0.32 0.00	17.41 -0.28 0.00	21.90 -0.28 0.00	24.04 -0.19 0.00	18.08 -0.19 0.00	7.62 -0.07 0.00	4.36 -0.02 0.00

ROCHESRG_115KV_T4 355643	13.68 -0.18 0.00	8.73 -0.21 0.00	7.70 -0.14 0.00	7.60 -0.08 0.00	9.35 -0.09 0.00	4.66 -0.04 0.00	1.54 -0.01 0.00	6.33 -0.09 0.00	10.19 -0.19 0.00	13.46 -0.25 0.00	8.38 -0.12 0.00	6.81 -0.16 0.36	2.73 -0.07 0.00	7.09 -0.18 0.00	2.99 -0.09 0.00	6.12 -0.15 0.00	4.41 -0.17 0.00	16.68 -0.64 0.00	17.04 -0.66 0.00	21.44 -0.75 0.00	23.39 -0.85 0.00	17.50 -0.78 0.00	7.38 -0.31 0.00	4.27 -0.11 0.00
ROCHESTER_9_IC 23652	13.74 -0.12 0.00	8.77 -0.17 0.00	7.73 -0.10 0.00	7.63 -0.05 0.00	9.40 -0.06 0.00	4.69 -0.02 0.00	1.54 -0.01 0.00	6.35 -0.06 0.00	10.23 -0.15 0.00	13.52 -0.19 0.00	8.42 -0.08 0.00	6.84 -0.13 0.35	2.74 -0.06 0.00	7.12 -0.15 0.00	3.00 -0.08 0.00	6.15 -0.12 0.00	4.44 -0.14 0.00	16.77 -0.55 0.00	17.14 -0.56 0.00	21.56 -0.62 0.00	23.53 -0.71 0.00	17.60 -0.67 0.00	7.42 -0.27 0.00	4.29 -0.08 0.00
ROCKVIEW_13_KV_LD 356306	14.85 0.99 0.00	9.63 0.69 0.00	8.43 0.60 0.00	8.23 0.54 0.00	10.08 0.63 0.00	5.03 0.33 0.00	1.66 0.11 0.00	6.84 0.43 0.00	11.08 0.70 0.00	14.61 0.89 0.00	9.09 0.59 0.00	7.52 0.53 0.33	2.99 0.19 0.00	7.76 0.49 0.00	3.32 0.24 0.00	6.71 0.44 0.00	4.90 0.32 0.00	18.46 1.14 0.00	18.75 1.05 0.00	23.34 1.16 0.00	25.44 1.20 0.00	19.24 0.97 0.00	8.13 0.44 0.00	4.67 0.29 0.00
ROME____115KV_TB2 80656	14.28 0.42 0.00	9.17 0.23 0.00	8.04 0.20 0.00	7.89 0.21 0.00	9.71 0.27 0.00	4.84 0.14 0.00	1.60 0.05 0.00	6.58 0.16 0.00	10.64 0.25 0.00	14.03 0.33 0.00	8.66 0.16 0.00	6.73 0.07 0.66	2.81 0.00 0.00	7.27 -0.01 0.00	3.10 0.02 0.00	6.28 0.01 0.00	4.62 0.04 0.00	17.43 0.11 0.00	17.91 0.21 0.00	22.63 0.45 0.00	24.84 0.60 0.00	18.70 0.42 0.00	7.88 0.19 0.00	4.52 0.14 0.00
ROSETON___1 23587	14.64 0.78 0.00	9.50 0.56 0.00	8.32 0.48 0.00	8.13 0.45 0.00	9.98 0.53 0.00	4.98 0.28 0.00	1.64 0.09 0.00	6.77 0.35 0.00	10.96 0.58 0.00	14.43 0.72 0.00	8.96 0.47 0.00	7.41 0.42 0.33	2.95 0.15 0.00	7.66 0.38 0.00	3.27 0.19 0.00	6.60 0.34 0.00	4.82 0.25 0.00	18.20 0.88 0.00	18.51 0.81 0.00	23.07 0.89 0.00	25.16 0.92 0.00	19.03 0.76 0.00	8.04 0.35 0.00	4.62 0.24 0.00
ROSETON___2 23588	14.64 0.78 0.00	9.50 0.56 0.00	8.32 0.48 0.00	8.13 0.45 0.00	9.98 0.53 0.00	4.98 0.28 0.00	1.64 0.09 0.00	6.77 0.35 0.00	10.96 0.58 0.00	14.43 0.72 0.00	8.96 0.47 0.00	7.41 0.42 0.33	2.95 0.15 0.00	7.66 0.38 0.00	3.27 0.19 0.00	6.60 0.34 0.00	4.82 0.25 0.00	18.20 0.88 0.00	18.51 0.81 0.00	23.07 0.89 0.00	25.16 0.92 0.00	19.03 0.76 0.00	8.04 0.35 0.00	4.62 0.24 0.00
ROTRRDAM_115KV_TB3 80664	14.35 0.49 0.00	9.29 0.34 0.00	8.14 0.30 0.00	7.97 0.29 0.00	9.81 0.36 0.00	4.88 0.18 0.00	1.61 0.06 0.00	6.63 0.21 0.00	10.73 0.35 0.00	14.12 0.41 0.00	8.72 0.23 0.00	7.13 0.17 0.37	2.86 0.05 0.00	7.41 0.13 0.00	3.14 0.06 0.00	6.38 0.12 0.00	4.67 0.09 0.00	17.65 0.33 0.00	18.03 0.33 0.00	22.62 0.44 0.00	24.74 0.50 0.00	18.69 0.42 0.00	7.90 0.21 0.00	4.52 0.14 0.00
RUSSELL___1 23602	13.80 -0.06 0.00	8.80 -0.14 0.00	7.76 -0.07 0.00	7.66 -0.02 0.00	9.43 -0.02 0.00	4.70 0.00 0.00	1.55 0.00 0.00	6.38 -0.04 0.00	10.27 -0.11 0.00	13.58 -0.13 0.00	8.45 -0.04 0.00	6.87 -0.10 0.35	2.76 -0.05 0.00	7.15 -0.12 0.00	3.02 -0.06 0.00	6.18 -0.09 0.00	4.46 -0.12 0.00	16.86 -0.46 0.00	17.23 -0.47 0.00	21.68 -0.50 0.00	23.65 -0.59 0.00	17.70 -0.57 0.00	7.46 -0.23 0.00	4.31 -0.06 0.00
RUSSELL___2 23532	13.80 -0.06 0.00	8.80 -0.14 0.00	7.76 -0.07 0.00	7.66 -0.02 0.00	9.43 -0.02 0.00	4.70 0.00 0.00	1.55 0.00 0.00	6.38 -0.04 0.00	10.27 -0.11 0.00	13.58 -0.13 0.00	8.45 -0.04 0.00	6.87 -0.10 0.35	2.76 -0.05 0.00	7.15 -0.12 0.00	3.02 -0.06 0.00	6.18 -0.09 0.00	4.46 -0.12 0.00	16.86 -0.46 0.00	17.23 -0.47 0.00	21.68 -0.50 0.00	23.65 -0.59 0.00	17.70 -0.57 0.00	7.46 -0.23 0.00	4.31 -0.06 0.00
RUSSELL___3 23549	13.80 -0.06 0.00	8.80 -0.14 0.00	7.76 -0.07 0.00	7.66 -0.02 0.00	9.43 -0.02 0.00	4.70 0.00 0.00	1.55 0.00 0.00	6.38 -0.04 0.00	10.27 -0.11 0.00	13.58 -0.13 0.00	8.45 -0.04 0.00	6.87 -0.10 0.35	2.76 -0.05 0.00	7.15 -0.12 0.00	3.02 -0.06 0.00	6.18 -0.09 0.00	4.46 -0.12 0.00	16.86 -0.46 0.00	17.23 -0.47 0.00	21.68 -0.50 0.00	23.65 -0.59 0.00	17.70 -0.57 0.00	7.46 -0.23 0.00	4.31 -0.06 0.00
RUSSELL___4 23556	13.80 -0.06 0.00	8.80 -0.14 0.00	7.76 -0.07 0.00	7.66 -0.02 0.00	9.43 -0.02 0.00	4.70 0.00 0.00	1.55 0.00 0.00	6.38 -0.04 0.00	10.27 -0.11 0.00	13.58 -0.13 0.00	8.45 -0.04 0.00	6.87 -0.10 0.35	2.76 -0.05 0.00	7.15 -0.12 0.00	3.02 -0.06 0.00	6.18 -0.09 0.00	4.46 -0.12 0.00	16.86 -0.46 0.00	17.23 -0.47 0.00	21.68 -0.50 0.00	23.65 -0.59 0.00	17.70 -0.57 0.00	7.46 -0.23 0.00	4.31 -0.06 0.00
RUSSELL___STATION 23914	13.80 -0.06 0.00	8.80 -0.14 0.00	7.76 -0.07 0.00	7.66 -0.02 0.00	9.43 -0.02 0.00	4.70 0.00 0.00	1.55 0.00 0.00	6.38 -0.04 0.00	10.27 -0.11 0.00	13.58 -0.13 0.00	8.45 -0.04 0.00	6.87 -0.10 0.35	2.76 -0.05 0.00	7.15 -0.12 0.00	3.02 -0.06 0.00	6.18 -0.09 0.00	4.46 -0.12 0.00	16.86 -0.46 0.00	17.23 -0.47 0.00	21.68 -0.50 0.00	23.65 -0.59 0.00	17.70 -0.57 0.00	7.46 -0.23 0.00	4.31 -0.06 0.00
S SALMON___HYD 24043	13.76 -0.10 0.00	8.84 -0.10 0.00	7.76 -0.07 0.00	7.62 -0.06 0.00	9.39 -0.06 0.00	4.67 -0.04 0.00	1.54 -0.01 0.00	6.34 -0.08 0.00	10.27 -0.11 0.00	13.48 -0.23 0.00	8.31 -0.18 0.00	6.55 -0.20 0.57	2.71 -0.09 0.00	7.01 -0.26 0.00	2.97 -0.10 0.00	6.02 -0.24 0.00	4.40 -0.17 0.00	16.72 -0.60 0.00	17.17 -0.53 0.00	21.74 -0.44 0.00	23.92 -0.31 0.00	18.02 -0.25 0.00	7.60 -0.09 0.00	4.36 -0.01 0.00
S.PERRY__115KV_TB1 80734	13.93 0.07 0.00	8.88 -0.07 0.00	7.83 0.00 0.00	7.73 0.05 0.00	9.54 0.09 0.00	4.78 0.07 0.00	1.57 0.02 0.00	6.39 -0.03 0.00	18.64 -0.19 -8.46	35.97 -0.39 -22.65	22.87 -0.20 -14.58	27.77 -0.24 -20.69	11.12 -0.10 -8.42	20.25 -0.27 -13.25	2.99 -0.09 0.00	6.12 -0.14 0.00	4.41 -0.17 0.00	16.75 -0.57 0.00	17.16 -0.54 0.00	21.74 -0.44 0.00	23.92 -0.32 0.00	18.01 -0.27 0.00	7.60 -0.09 0.00	4.39 0.02 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	13.55 -0.31 0.00	8.58 -0.36 0.00	7.60 -0.24 0.00	7.54 -0.14 0.00	9.29 -0.16 0.00	4.64 -0.06 0.00	1.53 -0.02 0.00	6.30 -0.12 0.00	8.03 -0.30 2.05	7.81 -0.40 5.50	4.77 -0.18 3.54	1.72 -0.25 5.36	0.65 -0.11 2.04	3.77 -0.28 3.22	2.92 -0.16 0.00	6.03 -0.24 0.00	4.29 -0.28 0.00	16.21 -1.11 0.00	16.58 -1.12 0.00	20.93 -1.25 0.00	22.84 -1.39 0.00	16.99 -1.28 0.00	7.18 -0.51 0.00	4.19 -0.18 0.00

SAWYER___23_KV_LOAD 55526	13.55 -0.31 0.00	8.58 -0.36 0.00	7.60 -0.24 0.00	7.54 -0.14 0.00	9.29 -0.16 0.00	4.64 -0.06 0.00	1.53 -0.02 0.00	6.30 -0.12 0.00	8.03 -0.30 2.05	7.81 -0.40 5.50	4.77 -0.18 3.54	1.72 -0.25 5.36	0.65 -0.11 2.04	3.77 -0.28 3.22	2.92 -0.16 0.00	6.03 -0.24 0.00	4.29 -0.28 0.00	16.21 -1.11 0.00	16.58 -1.12 0.00	20.93 -1.25 0.00	22.84 -1.39 0.00	16.99 -1.28 0.00	7.18 -0.51 0.00	4.19 -0.18 0.00
SELKIRK___I 23801	14.31 0.45 0.00	9.29 0.35 0.00	8.14 0.30 0.00	7.98 0.30 0.00	9.82 0.37 0.00	4.89 0.19 0.00	1.60 0.06 0.00	6.63 0.21 0.00	10.72 0.34 0.00	14.10 0.39 0.00	8.70 0.20 0.00	7.13 0.16 0.35	2.85 0.05 0.00	7.38 0.11 0.00	3.13 0.05 0.00	6.36 0.09 0.00	4.66 0.08 0.00	17.55 0.23 0.00	17.94 0.24 0.00	22.47 0.29 0.00	24.59 0.35 0.00	18.57 0.30 0.00	7.87 0.18 0.00	4.51 0.13 0.00
SELKIRK___II 23799	14.27 0.41 0.00	9.26 0.32 0.00	8.12 0.28 0.00	7.95 0.27 0.00	9.77 0.32 0.00	4.86 0.16 0.00	1.60 0.05 0.00	6.60 0.18 0.00	10.68 0.30 0.00	14.05 0.33 0.00	8.67 0.18 0.00	7.13 0.17 0.35	2.85 0.05 0.00	7.39 0.12 0.00	3.14 0.06 0.00	6.36 0.10 0.00	4.65 0.07 0.00	17.54 0.22 0.00	17.90 0.20 0.00	22.40 0.22 0.00	24.47 0.23 0.00	18.49 0.22 0.00	7.84 0.14 0.00	4.49 0.11 0.00
SENECA OSWGO___HYD 24041	13.71 -0.15 0.00	8.83 -0.11 0.00	7.75 -0.09 0.00	7.60 -0.08 0.00	9.35 -0.09 0.00	4.66 -0.04 0.00	1.54 -0.02 0.00	6.33 -0.09 0.00	10.24 -0.14 0.00	13.52 -0.19 0.00	8.36 -0.13 0.00	6.74 -0.14 0.44	2.74 -0.07 0.00	7.10 -0.17 0.00	3.01 -0.07 0.00	6.14 -0.13 0.00	4.48 -0.10 0.00	16.90 -0.42 0.00	17.24 -0.46 0.00	21.63 -0.55 0.00	23.64 -0.59 0.00	17.83 -0.44 0.00	7.52 -0.17 0.00	4.30 -0.07 0.00
SENECA___115KV_TB3 355854	13.66 -0.20 0.00	8.66 -0.29 0.00	7.66 -0.17 0.00	7.60 -0.08 0.00	9.37 -0.08 0.00	4.68 -0.02 0.00	1.54 -0.01 0.00	6.35 -0.07 0.00	7.73 -0.21 2.43	6.87 -0.33 6.52	4.16 -0.14 4.19	0.83 -0.21 6.28	0.29 -0.10 2.42	3.20 -0.26 3.81	2.93 -0.15 0.00	6.06 -0.21 0.00	4.32 -0.25 0.00	16.33 -0.99 0.00	16.68 -1.01 0.00	21.07 -1.11 0.00	23.05 -1.19 0.00	17.18 -1.09 0.00	7.26 -0.43 0.00	4.23 -0.14 0.00
SENECA___ENERGY 23797	13.75 -0.12 0.00	8.83 -0.11 0.00	7.76 -0.08 0.00	7.63 -0.05 0.00	9.40 -0.05 0.00	4.69 -0.01 0.00	1.55 0.00 0.00	6.36 -0.06 0.00	10.80 -0.14 -0.56	15.01 -0.21 -1.50	9.36 -0.11 -0.97	8.18 -0.13 -0.99	3.30 -0.07 -0.56	7.98 -0.17 -0.88	3.01 -0.07 0.00	6.16 -0.11 0.00	4.48 -0.10 0.00	16.91 -0.40 0.00	17.22 -0.47 0.00	21.63 -0.55 0.00	23.65 -0.59 0.00	17.81 -0.46 0.00	7.51 -0.18 0.00	4.31 -0.06 0.00
SHOEMAKER___GT 23640	14.53 0.66 0.00	9.41 0.47 0.00	8.24 0.41 0.00	8.05 0.38 0.00	9.89 0.44 0.00	4.93 0.23 0.00	1.62 0.07 0.00	6.71 0.29 0.00	10.84 0.46 0.00	14.27 0.56 0.00	8.86 0.37 0.00	7.33 0.32 0.32	2.91 0.11 0.00	7.57 0.30 0.00	3.22 0.15 0.00	6.52 0.26 0.00	4.77 0.20 0.00	18.02 0.71 0.00	18.33 0.63 0.00	22.88 0.70 0.00	24.98 0.74 0.00	18.89 0.62 0.00	7.97 0.28 0.00	4.58 0.21 0.00
SHOEMAKR_138KV_BK 111 55601	14.53 0.66 0.00	9.41 0.47 0.00	8.24 0.41 0.00	8.06 0.38 0.00	9.89 0.44 0.00	4.93 0.23 0.00	1.62 0.07 0.00	6.71 0.29 0.00	10.84 0.46 0.00	14.28 0.57 0.00	8.87 0.37 0.00	7.34 0.33 0.32	2.92 0.11 0.00	7.57 0.30 0.00	3.23 0.15 0.00	6.53 0.27 0.00	4.78 0.20 0.00	18.03 0.72 0.00	18.34 0.65 0.00	22.89 0.71 0.00	24.98 0.74 0.00	18.89 0.62 0.00	7.97 0.28 0.00	4.58 0.21 0.00
SHOREHAM_IC_1 23715	15.05 1.18 0.00	9.81 0.87 0.00	8.61 0.77 0.00	8.37 0.69 0.00	10.22 0.77 0.00	5.14 0.44 0.00	1.69 0.14 0.00	6.96 0.54 0.00	7.13 0.82 4.08	10.42 1.00 4.29	9.71 0.75 -0.46	8.51 0.71 -0.48	-8.43 0.27 11.51	-2.70 0.68 10.65	0.07 0.32 3.33	15.73 0.59 -8.87	14.18 0.45 -9.16	22.85 1.36 -4.17	54.86 1.38 -35.78	26.45 1.45 -2.82	37.00 1.59 -11.17	23.98 1.25 -4.45	21.10 0.59 -12.82	7.57 0.38 -2.81
SHOREHAM_IC_2 23716	15.05 1.18 0.00	9.81 0.87 0.00	8.60 0.77 0.00	8.37 0.69 0.00	10.22 0.77 0.00	5.14 0.44 0.00	1.69 0.14 0.00	6.96 0.54 0.00	7.13 0.82 4.08	10.42 1.00 4.29	9.71 0.76 -0.46	8.51 0.71 -0.48	-8.43 0.27 11.51	-2.70 0.68 10.65	0.08 0.32 3.33	15.73 0.59 -8.87	14.18 0.44 -9.16	22.85 1.36 -4.17	54.87 1.39 -35.78	26.45 1.45 -2.82	37.00 1.59 -11.17	23.98 1.25 -4.45	21.10 0.59 -12.82	7.57 0.38 -2.81
SISSONVILLE____ 23735	13.11 -0.75 0.00	8.42 -0.52 0.00	7.37 -0.47 0.00	7.25 -0.43 0.00	9.01 -0.44 0.00	4.48 -0.22 0.00	1.49 -0.06 0.00	6.19 -0.23 0.00	10.02 -0.36 0.00	13.17 -0.54 0.00	8.13 -0.36 0.00	4.93 -0.30 2.09	2.72 -0.09 0.00	7.07 -0.20 0.00	3.00 -0.08 0.00	6.05 -0.22 0.00	4.45 -0.13 0.00	16.97 -0.34 0.00	17.59 -0.11 0.00	22.22 0.04 0.00	24.39 0.15 0.00	18.29 0.02 0.00	7.61 -0.09 0.00	4.29 -0.08 0.00
SITHE_IND_GS1 24169	13.59 -0.27 0.00	8.75 -0.18 0.00	7.68 -0.15 0.00	7.54 -0.14 0.00	9.28 -0.17 0.00	4.62 -0.08 0.00	1.52 -0.03 0.00	6.29 -0.13 0.00	10.16 -0.22 0.00	13.40 -0.31 0.00	8.31 -0.19 0.00	6.75 -0.19 0.39	2.72 -0.08 0.00	7.06 -0.21 0.00	2.99 -0.09 0.00	6.09 -0.17 0.00	4.45 -0.13 0.00	16.77 -0.55 0.00	17.09 -0.61 0.00	21.41 -0.77 0.00	23.39 -0.84 0.00	17.65 -0.62 0.00	7.45 -0.24 0.00	4.26 -0.11 0.00
SITHE_IND_GS2 24170	13.59 -0.27 0.00	8.75 -0.18 0.00	7.68 -0.15 0.00	7.54 -0.14 0.00	9.28 -0.17 0.00	4.62 -0.08 0.00	1.52 -0.03 0.00	6.29 -0.13 0.00	10.16 -0.22 0.00	13.40 -0.31 0.00	8.31 -0.19 0.00	6.75 -0.19 0.39	2.72 -0.08 0.00	7.06 -0.21 0.00	2.99 -0.09 0.00	6.09 -0.17 0.00	4.45 -0.13 0.00	16.77 -0.55 0.00	17.09 -0.61 0.00	21.41 -0.77 0.00	23.39 -0.84 0.00	17.65 -0.62 0.00	7.45 -0.24 0.00	4.26 -0.11 0.00
SITHE_IND_GS3 24171	13.59 -0.27 0.00	8.75 -0.18 0.00	7.68 -0.15 0.00	7.54 -0.14 0.00	9.28 -0.17 0.00	4.62 -0.08 0.00	1.52 -0.03 0.00	6.29 -0.13 0.00	10.16 -0.22 0.00	13.40 -0.31 0.00	8.31 -0.19 0.00	6.75 -0.19 0.39	2.72 -0.08 0.00	7.06 -0.21 0.00	2.99 -0.09 0.00	6.09 -0.17 0.00	4.45 -0.13 0.00	16.77 -0.55 0.00	17.09 -0.61 0.00	21.41 -0.77 0.00	23.39 -0.84 0.00	17.65 -0.62 0.00	7.45 -0.24 0.00	4.26 -0.11 0.00
SITHE_IND_GS4 24172	13.59 -0.27 0.00	8.75 -0.18 0.00	7.68 -0.15 0.00	7.54 -0.14 0.00	9.28 -0.17 0.00	4.62 -0.08 0.00	1.52 -0.03 0.00	6.29 -0.13 0.00	10.16 -0.22 0.00	13.40 -0.31 0.00	8.31 -0.19 0.00	6.75 -0.19 0.39	2.72 -0.08 0.00	7.06 -0.21 0.00	2.99 -0.09 0.00	6.09 -0.17 0.00	4.45 -0.13 0.00	16.77 -0.55 0.00	17.09 -0.61 0.00	21.41 -0.77 0.00	23.39 -0.84 0.00	17.65 -0.62 0.00	7.45 -0.24 0.00	4.26 -0.11 0.00

SITHE___BATAVIA 24024	13.86 0.00 0.00	8.79 -0.15 0.00	7.77 -0.07 0.00	7.69 0.01 0.00	9.47 0.02 0.00	4.73 0.03 0.00	1.56 0.01 0.00	6.40 -0.02 0.00	8.96 -0.16 1.26	10.17 -0.16 3.38	6.23 -0.08 2.18	3.73 -0.17 3.42	1.47 -0.07 1.26	5.16 -0.14 1.98	2.97 -0.10 0.00	6.15 -0.12 0.00	4.39 -0.19 0.00	16.71 -0.62 0.00	17.15 -0.55 0.00	21.64 -0.54 0.00	23.61 -0.63 0.00	17.57 -0.70 0.00	7.40 -0.29 0.00	4.30 -0.07 0.00
SITHE___INDEPEND 23800	13.59 -0.27 0.00	8.75 -0.18 0.00	7.68 -0.15 0.00	7.54 -0.14 0.00	9.28 -0.17 0.00	4.62 -0.08 0.00	1.52 -0.03 0.00	6.29 -0.13 0.00	10.16 -0.22 0.00	13.40 -0.31 0.00	8.31 -0.19 0.00	6.75 -0.19 0.39	2.72 -0.08 0.00	7.06 -0.21 0.00	2.99 -0.09 0.00	6.09 -0.17 0.00	4.45 -0.13 0.00	16.77 -0.55 0.00	17.09 -0.61 0.00	21.41 -0.77 0.00	23.40 -0.84 0.00	17.65 -0.62 0.00	7.45 -0.24 0.00	4.26 -0.11 0.00
SITHE___MASSENA 23902	13.49 -0.38 0.00	8.66 -0.28 0.00	7.59 -0.25 0.00	7.44 -0.24 0.00	9.17 -0.28 0.00	4.56 -0.15 0.00	1.51 -0.04 0.00	6.27 -0.15 0.00	10.15 -0.23 0.00	13.39 -0.32 0.00	8.29 -0.20 0.00	4.76 -0.16 2.41	2.77 -0.04 0.00	7.21 -0.06 0.00	3.06 -0.02 0.00	6.16 -0.11 0.00	4.54 -0.04 0.00	17.27 -0.05 0.00	17.80 0.11 0.00	22.39 0.21 0.00	24.50 0.27 0.00	18.40 0.13 0.00	7.66 -0.03 0.00	4.33 -0.05 0.00
SITHE___OGDNSBRG 24021	13.52 -0.35 0.00	8.68 -0.26 0.00	7.60 -0.24 0.00	7.46 -0.22 0.00	9.23 -0.22 0.00	4.58 -0.12 0.00	1.51 -0.03 0.00	6.31 -0.11 0.00	10.20 -0.17 0.00	13.35 -0.36 0.00	8.25 -0.24 0.00	4.94 -0.17 2.22	2.77 -0.04 0.00	7.20 -0.07 0.00	3.06 -0.02 0.00	6.14 -0.12 0.00	4.54 -0.04 0.00	17.31 -0.01 0.00	17.99 0.29 0.00	22.74 0.56 0.00	24.92 0.68 0.00	18.69 0.41 0.00	7.76 0.07 0.00	4.37 -0.01 0.00
SITHE___STERLING 23777	14.21 0.35 0.00	9.14 0.20 0.00	8.02 0.18 0.00	7.86 0.18 0.00	9.68 0.23 0.00	4.83 0.12 0.00	1.59 0.04 0.00	6.56 0.14 0.00	10.59 0.21 0.00	13.98 0.27 0.00	8.63 0.14 0.00	6.78 0.06 0.60	2.81 0.00 0.00	7.28 0.00 0.00	3.10 0.02 0.00	6.29 0.02 0.00	4.62 0.04 0.00	17.42 0.10 0.00	17.85 0.16 0.00	22.50 0.32 0.00	24.65 0.41 0.00	18.57 0.30 0.00	7.83 0.14 0.00	4.49 0.11 0.00
SLEIGHT__34_KV_TB1 80719	13.71 -0.15 0.00	8.77 -0.17 0.00	7.72 -0.11 0.00	7.60 -0.07 0.00	9.36 -0.09 0.00	4.67 -0.04 0.00	1.54 -0.01 0.00	6.33 -0.09 0.00	10.19 -0.19 0.00	13.47 -0.25 0.00	8.37 -0.12 0.00	6.78 -0.17 0.37	2.73 -0.07 0.00	7.09 -0.19 0.00	3.00 -0.08 0.00	6.13 -0.13 0.00	4.45 -0.13 0.00	16.81 -0.51 0.00	17.16 -0.53 0.00	21.58 -0.60 0.00	23.56 -0.68 0.00	17.67 -0.60 0.00	7.45 -0.25 0.00	4.29 -0.09 0.00
SMITHTWN_69_KV_BK 1 55830	15.04 1.17 0.00	9.80 0.86 0.00	8.60 0.76 0.00	8.36 0.68 0.00	10.21 0.76 0.00	5.13 0.43 0.00	1.69 0.14 0.00	6.95 0.53 0.00	7.34 0.82 3.86	10.71 1.00 3.99	10.20 0.77 -0.94	8.92 0.72 -0.87	-7.84 0.27 10.91	-2.09 0.69 10.05	0.71 0.33 2.70	16.43 0.60 -9.56	14.80 0.45 -9.78	23.53 1.49 -4.72	58.99 1.53 -39.76	27.33 1.65 -3.50	37.92 1.98 -11.70	24.47 1.53 -4.67	21.66 0.70 -13.27	7.90 0.44 -3.08
SOUTH CAIRO___GT 23612	14.70 0.83 0.00	9.53 0.59 0.00	8.34 0.50 0.00	8.17 0.49 0.00	10.06 0.61 0.00	5.01 0.30 0.00	1.64 0.09 0.00	6.80 0.38 0.00	11.00 0.62 0.00	14.46 0.74 0.00	8.93 0.43 0.00	7.26 0.29 0.35	2.90 0.10 0.00	7.49 0.22 0.00	3.19 0.11 0.00	6.45 0.19 0.00	4.75 0.17 0.00	17.93 0.62 0.00	18.33 0.63 0.00	23.05 0.87 0.00	25.33 1.10 0.00	19.13 0.87 0.00	8.10 0.41 0.00	4.63 0.25 0.00
SOUTH HAMPTN___IC 23720	15.03 1.17 0.00	9.80 0.86 0.00	8.60 0.77 0.00	8.37 0.69 0.00	10.23 0.78 0.00	5.15 0.44 0.00	1.69 0.14 0.00	6.95 0.54 0.00	7.08 0.84 4.14	10.40 1.06 4.37	9.62 0.79 -0.33	8.42 0.73 -0.37	-8.59 0.28 11.68	-2.85 0.70 10.82	-0.10 0.33 3.50	15.55 0.59 -8.69	14.03 0.46 -8.99	22.77 1.44 -4.02	53.87 1.47 -34.70	26.37 1.57 -2.63	36.93 1.73 -10.96	23.98 1.35 -4.37	20.98 0.64 -12.64	7.48 0.40 -2.71
SOUTHDOWN_115KV_TB1 355954	13.90 0.04 0.00	8.79 -0.15 0.00	7.81 -0.02 0.00	7.77 0.09 0.00	9.60 0.15 0.00	4.80 0.10 0.00	1.59 0.04 0.00	6.55 0.13 0.00	9.36 0.14 1.16	10.71 0.09 3.09	6.54 0.04 1.99	4.09 -0.08 3.15	1.60 -0.05 1.15	5.26 -0.20 1.81	2.93 -0.15 0.00	6.06 -0.20 0.00	4.35 -0.23 0.00	16.41 -0.91 0.00	16.72 -0.98 0.00	21.20 -0.98 0.00	23.46 -0.77 0.00	17.55 -0.72 0.00	7.41 -0.29 0.00	4.32 -0.06 0.00
SOUTHOLD_69_KV_BK 2 55809	14.89 1.03 0.00	9.71 0.77 0.00	8.54 0.70 0.00	8.31 0.63 0.00	10.16 0.71 0.00	5.11 0.41 0.00	1.68 0.13 0.00	6.89 0.47 0.00	7.02 0.78 4.14	10.34 1.00 4.36	9.58 0.75 -0.33	8.38 0.68 -0.37	-8.60 0.27 11.67	-2.91 0.63 10.81	-0.11 0.30 3.50	15.49 0.53 -8.69	14.00 0.42 -9.00	22.67 1.32 -4.02	53.81 1.38 -34.74	26.26 1.45 -2.63	36.79 1.58 -10.97	23.90 1.26 -4.37	20.97 0.63 -12.65	7.45 0.37 -2.71
SOUTHOLD___IC 23719	14.89 1.03 0.00	9.71 0.77 0.00	8.54 0.70 0.00	8.31 0.63 0.00	10.16 0.71 0.00	5.11 0.41 0.00	1.68 0.13 0.00	6.89 0.47 0.00	7.02 0.78 4.14	10.35 1.00 4.36	9.58 0.75 -0.33	8.38 0.69 -0.37	-8.59 0.27 11.67	-2.91 0.63 10.81	-0.12 0.30 3.50	15.49 0.53 -8.69	14.00 0.42 -9.00	22.66 1.32 -4.02	53.80 1.37 -34.74	26.26 1.45 -2.63	36.80 1.59 -10.97	23.90 1.26 -4.37	20.98 0.63 -12.65	7.45 0.37 -2.71
SOUTH_FORK_WT_PWR 323839	14.68 0.82 0.00	9.59 0.64 0.00	8.44 0.60 0.00	8.21 0.53 0.00	10.04 0.59 0.00	5.05 0.35 0.00	1.66 0.11 0.00	6.80 0.38 0.00	6.89 0.65 4.14	10.20 0.86 4.37	9.49 0.67 -0.33	8.30 0.60 -0.37	-8.63 0.24 11.68	-3.01 -0.54 10.82	-0.16 0.26 3.50	15.40 0.45 -8.69	13.94 0.36 -9.00	22.43 1.09 -4.02	53.55 1.14 -34.72	25.97 1.16 -2.63	36.48 1.28 -10.96	23.68 1.04 -4.37	20.91 0.57 -12.65	7.40 0.31 -2.71
SPIERFLS_115KV_TB 1 80737	14.70 0.84 0.00	9.54 0.60 0.00	8.36 0.52 0.00	8.19 0.51 0.00	10.08 0.63 0.00	5.02 0.31 0.00	1.65 0.10 0.00	6.83 0.42 0.00	11.09 0.71 0.00	14.55 0.84 0.00	8.88 0.38 0.00	7.25 0.30 0.37	2.90 0.10 0.00	7.50 0.23 0.00	3.18 0.10 0.00	6.44 0.17 0.00	4.72 0.15 0.00	17.96 0.64 0.00	18.44 0.74 0.00	23.18 1.00 0.00	25.38 1.15 0.00	19.25 0.98 0.00	8.14 0.44 0.00	4.66 0.29 0.00
ST LAWRENCE____ 23600	13.44 -0.42 0.00	8.63 -0.31 0.00	7.56 -0.27 0.00	7.41 -0.27 0.00	9.12 -0.32 0.00	4.53 -0.17 0.00	1.49 -0.05 0.00	6.23 -0.19 0.00	10.08 -0.30 0.00	13.32 -0.39 0.00	8.25 -0.24 0.00	4.64 -0.19 2.49	2.75 -0.05 0.00	7.14 -0.13 0.00	3.03 -0.05 0.00	6.15 -0.11 0.00	4.50 -0.08 0.00	17.09 -0.22 0.00	17.58 -0.12 0.00	22.09 -0.09 0.00	24.16 -0.08 0.00	18.15 -0.12 0.00	7.60 -0.09 0.00	4.29 -0.08 0.00

STATE_CA_115KV_115_LB 55624	14.30 0.43 0.00	9.29 0.35 0.00	8.14 0.30 0.00	7.97 0.29 0.00	9.80 0.35 0.00	4.87 0.17 0.00	1.60 0.05 0.00	6.61 0.19 0.00	10.70 0.31 0.00	14.06 0.35 0.00	8.67 0.18 0.00	7.14 0.17 0.36	2.86 0.05 0.00	7.40 0.12 0.00	3.14 0.06 0.00	6.37 0.10 0.00	4.66 0.08 0.00	17.53 0.21 0.00	17.90 0.20 0.00	22.43 0.25 0.00	24.47 0.23 0.00	18.49 0.22 0.00	7.84 0.15 0.00	4.50 0.12 0.00
STATE_ST_34_KV_LOAD 55959	13.94 0.08 0.00	8.97 0.03 0.00	7.88 0.05 0.00	7.74 0.06 0.00	9.54 0.09 0.00	4.76 0.05 0.00	1.57 0.02 0.00	6.43 0.01 0.00	10.35 -0.03 0.00	13.72 0.01 0.00	8.51 0.02 0.00	6.90 -0.04 0.39	2.78 -0.02 0.00	7.22 -0.05 0.00	3.06 -0.02 0.00	6.25 -0.02 0.00	4.55 -0.02 0.00	17.17 -0.15 0.00	17.48 -0.22 0.00	21.94 -0.24 0.00	24.00 -0.23 0.00	18.09 -0.19 0.00	7.62 -0.07 0.00	4.37 -0.01 0.00
STATION_5_MISC_HYD 23604	13.75 -0.12 0.00	8.77 -0.17 0.00	7.73 -0.11 0.00	7.63 -0.05 0.00	9.40 -0.06 0.00	4.69 -0.02 0.00	1.54 -0.01 0.00	6.35 -0.06 0.00	10.23 -0.15 0.00	13.53 -0.19 0.00	8.42 -0.08 0.00	6.84 -0.13 0.35	2.74 -0.06 0.00	7.12 -0.15 0.00	3.00 -0.08 0.00	6.15 -0.12 0.00	4.44 -0.14 0.00	16.77 -0.55 0.00	17.13 -0.56 0.00	21.56 -0.62 0.00	23.53 -0.71 0.00	17.60 -0.67 0.00	7.42 -0.27 0.00	4.29 -0.08 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	13.75 -0.12 0.00	8.80 -0.14 0.00	7.74 -0.10 0.00	7.63 -0.05 0.00	9.40 -0.05 0.00	4.69 -0.02 0.00	1.54 -0.01 0.00	6.36 -0.06 0.00	10.23 -0.14 0.00	13.51 -0.19 0.00	8.40 -0.09 0.00	6.83 -0.14 0.36	2.74 -0.06 0.00	7.11 -0.16 0.00	3.01 -0.07 0.00	6.16 -0.11 0.00	4.46 -0.11 0.00	16.85 -0.47 0.00	17.20 -0.50 0.00	21.63 -0.55 0.00	23.62 -0.61 0.00	17.72 -0.55 0.00	7.47 -0.22 0.00	4.30 -0.07 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	13.67 -0.19 0.00	8.73 -0.21 0.00	7.70 -0.14 0.00	7.59 -0.09 0.00	9.34 -0.10 0.00	4.66 -0.05 0.00	1.54 -0.02 0.00	6.32 -0.10 0.00	10.18 -0.20 0.00	13.46 -0.25 0.00	8.38 -0.12 0.00	6.81 -0.16 0.36	2.73 -0.07 0.00	7.09 -0.18 0.00	2.99 -0.09 0.00	6.12 -0.14 0.00	4.42 -0.16 0.00	16.71 -0.60 0.00	17.08 -0.62 0.00	21.48 -0.70 0.00	23.43 -0.80 0.00	17.53 -0.74 0.00	7.40 -0.30 0.00	4.27 -0.10 0.00
STA_56___34_KV_BUS2 355983	13.67 -0.19 0.00	8.73 -0.21 0.00	7.70 -0.14 0.00	7.59 -0.09 0.00	9.34 -0.10 0.00	4.66 -0.05 0.00	1.54 -0.02 0.00	6.32 -0.10 0.00	10.18 -0.20 0.00	13.46 -0.25 0.00	8.38 -0.12 0.00	6.81 -0.16 0.36	2.73 -0.07 0.00	7.09 -0.18 0.00	2.99 -0.09 0.00	6.12 -0.14 0.00	4.42 -0.16 0.00	16.71 -0.60 0.00	17.08 -0.62 0.00	21.48 -0.70 0.00	23.43 -0.80 0.00	17.53 -0.74 0.00	7.40 -0.30 0.00	4.27 -0.10 0.00
STA_67___115KV_BK2 355882	13.72 -0.14 0.00	8.75 -0.19 0.00	7.72 -0.12 0.00	7.62 -0.06 0.00	9.38 -0.07 0.00	4.68 -0.03 0.00	1.54 -0.01 0.00	6.34 -0.07 0.00	10.21 -0.16 0.00	13.50 -0.21 0.00	8.40 -0.09 0.00	6.83 -0.14 0.35	2.74 -0.07 0.00	7.11 -0.16 0.00	3.00 -0.08 0.00	6.14 -0.13 0.00	4.43 -0.15 0.00	16.74 -0.58 0.00	17.10 -0.60 0.00	21.51 -0.67 0.00	23.48 -0.76 0.00	17.56 -0.71 0.00	7.41 -0.29 0.00	4.28 -0.09 0.00
STA_7___115KV_9TRANS 80674	13.80 -0.06 0.00	8.80 -0.14 0.00	7.76 -0.07 0.00	7.66 -0.02 0.00	9.43 -0.02 0.00	4.70 0.00 0.00	1.55 0.00 0.00	6.38 -0.04 0.00	10.27 -0.11 0.00	13.58 -0.13 0.00	8.45 -0.04 0.00	6.87 -0.10 0.35	2.76 -0.05 0.00	7.15 -0.12 0.00	3.02 -0.06 0.00	6.18 -0.09 0.00	4.46 -0.12 0.00	16.86 -0.46 0.00	17.23 -0.47 0.00	21.68 -0.50 0.00	23.65 -0.59 0.00	17.70 -0.57 0.00	7.46 -0.23 0.00	4.31 -0.06 0.00
STA_82___115KV_TB1 80780	13.72 -0.14 0.00	8.76 -0.19 0.00	7.72 -0.12 0.00	7.62 -0.06 0.00	9.38 -0.07 0.00	4.68 -0.03 0.00	1.54 -0.01 0.00	6.34 -0.07 0.00	10.21 -0.16 0.00	13.50 -0.21 0.00	8.40 -0.09 0.00	6.83 -0.14 0.35	2.74 -0.07 0.00	7.11 -0.16 0.00	3.00 -0.08 0.00	6.14 -0.13 0.00	4.43 -0.15 0.00	16.74 -0.58 0.00	17.10 -0.60 0.00	21.52 -0.66 0.00	23.48 -0.76 0.00	17.57 -0.70 0.00	7.41 -0.28 0.00	4.28 -0.09 0.00
STEEL___WIND 323596	13.65 -0.22 0.00	8.64 -0.30 0.00	7.65 -0.18 0.00	7.58 -0.10 0.00	9.35 -0.10 0.00	4.67 -0.03 0.00	1.54 -0.01 0.00	6.34 -0.08 0.00	7.72 -0.23 2.43	6.85 -0.34 6.52	4.15 -0.15 4.19	0.82 -0.23 6.28	0.28 -0.10 2.42	3.20 -0.27 3.81	2.93 -0.15 0.00	6.05 -0.22 0.00	4.32 -0.26 0.00	16.31 -1.01 0.00	16.66 -1.04 0.00	21.05 -1.14 0.00	23.01 -1.23 0.00	17.16 -1.11 0.00	7.25 -0.44 0.00	4.23 -0.15 0.00
STEPHTWN_115KV_BK_2 55603	14.39 0.53 0.00	9.34 0.40 0.00	8.19 0.35 0.00	8.02 0.34 0.00	9.84 0.40 0.00	4.90 0.20 0.00	1.61 0.06 0.00	6.65 0.23 0.00	10.74 0.36 0.00	14.18 0.47 0.00	8.74 0.24 0.00	7.19 0.22 0.36	2.88 0.07 0.00	7.45 0.18 0.00	3.17 0.09 0.00	6.41 0.15 0.00	4.70 0.12 0.00	17.69 0.37 0.00	18.05 0.35 0.00	22.66 0.48 0.00	24.71 0.47 0.00	18.60 0.33 0.00	7.89 0.20 0.00	4.52 0.14 0.00
STEUBEN_REC_LFGE 323667	13.41 -0.45 0.00	8.57 -0.37 0.00	7.55 -0.29 0.00	7.45 -0.22 0.00	9.23 -0.22 0.00	4.64 -0.06 0.00	1.53 -0.02 0.00	6.25 -0.17 0.00	15.42 -0.46 -5.50	27.52 -0.94 -14.74	17.48 -0.51 -9.49	20.08 -0.50 -13.26	8.08 -0.21 -5.48	15.32 -0.57 -8.63	2.88 -0.20 0.00	5.95 -0.32 0.00	4.31 -0.27 0.00	16.31 -1.01 0.00	16.65 -1.05 0.00	20.89 -1.29 0.00	23.10 -1.13 0.00	17.46 -0.81 0.00	7.39 -0.30 0.00	4.28 -0.09 0.00
STILLWATER___SOLAR 323814	14.59 0.73 0.00	9.46 0.52 0.00	8.29 0.46 0.00	8.12 0.44 0.00	9.99 0.55 0.00	4.98 0.28 0.00	1.64 0.09 0.00	6.76 0.34 0.00	10.96 0.57 0.00	14.39 0.68 0.00	8.84 0.34 0.00	7.23 0.27 0.37	2.89 0.09 0.00	7.49 0.22 0.00	3.18 0.10 0.00	6.44 0.17 0.00	4.72 0.15 0.00	17.91 0.59 0.00	18.32 0.62 0.00	23.03 0.85 0.00	25.18 0.94 0.00	19.02 0.75 0.00	8.05 0.35 0.00	4.60 0.23 0.00
STONY___BROOK 24151	15.05 1.19 0.00	9.81 0.87 0.00	8.60 0.77 0.00	8.37 0.69 0.00	10.22 0.77 0.00	5.14 0.43 0.00	1.69 0.14 0.00	6.96 0.54 0.00	7.27 0.83 3.94	10.63 1.02 4.10	10.03 0.77 -0.76	8.77 0.73 -0.72	-8.05 0.27 11.13	-2.30 0.69 10.27	0.48 0.33 2.93	16.17 0.60 -9.30	14.57 0.45 -9.54	23.32 1.49 -4.51	57.48 1.52 -38.26	27.06 1.63 -3.25	37.68 1.88 -11.57	24.34 1.45 -4.62	21.52 0.67 -13.16	7.82 0.43 -3.01
STURGEON_POOL_HYD 23609	14.80 0.94 0.00	9.59 0.65 0.00	8.40 0.56 0.00	8.20 0.52 0.00	10.06 0.61 0.00	5.03 0.32 0.00	1.66 0.11 0.00	6.84 0.42 0.00	11.07 0.69 0.00	14.59 0.87 0.00	9.08 0.58 0.00	7.51 0.52 0.33	2.99 0.18 0.00	7.77 0.49 0.00	3.31 0.23 0.00	6.71 0.44 0.00	4.90 0.32 0.00	18.48 1.16 0.00	18.77 1.07 0.00	23.38 1.20 0.00	25.49 1.26 0.00	19.28 1.00 0.00	8.13 0.44 0.00	4.67 0.29 0.00

ST_LAW_115_BK7_LBMP 345037	13.42 -0.45 0.00	8.62 -0.32 0.00	7.54 -0.29 0.00	7.40 -0.28 0.00	9.11 -0.34 0.00	4.52 -0.18 0.00	1.49 -0.06 0.00	6.22 -0.20 0.00	10.06 -0.32 0.00	13.30 -0.41 0.00	8.23 -0.26 0.00	4.64 -0.21 2.48	2.75 -0.05 0.00	7.14 -0.13 0.00	3.03 -0.05 0.00	6.15 -0.12 0.00	4.49 -0.08 0.00	17.09 -0.23 0.00	17.59 -0.11 0.00	22.10 -0.08 0.00	24.18 -0.06 0.00	18.16 -0.11 0.00	7.60 -0.09 0.00	4.29 -0.09 0.00
ST_LAW_115_BK8_LBMP 345038	13.42 -0.45 0.00	8.62 -0.32 0.00	7.54 -0.29 0.00	7.40 -0.28 0.00	9.11 -0.34 0.00	4.52 -0.18 0.00	1.49 -0.06 0.00	6.22 -0.20 0.00	10.06 -0.32 0.00	13.30 -0.41 0.00	8.23 -0.26 0.00	4.64 -0.21 2.48	2.75 -0.05 0.00	7.14 -0.13 0.00	3.03 -0.05 0.00	6.15 -0.12 0.00	4.49 -0.08 0.00	17.09 -0.23 0.00	17.59 -0.11 0.00	22.10 -0.08 0.00	24.18 -0.06 0.00	18.16 -0.11 0.00	7.60 -0.09 0.00	4.29 -0.09 0.00
ST_LAW_230_BK5_LBMP 345035	13.44 -0.42 0.00	8.63 -0.31 0.00	7.56 -0.27 0.00	7.41 -0.27 0.00	9.12 -0.32 0.00	4.53 -0.17 0.00	1.49 -0.05 0.00	6.23 -0.19 0.00	10.08 -0.30 0.00	13.32 -0.39 0.00	8.25 -0.24 0.00	4.61 -0.19 2.52	2.75 -0.05 0.00	7.14 -0.13 0.00	3.03 -0.05 0.00	6.15 -0.11 0.00	4.50 -0.08 0.00	17.09 -0.22 0.00	17.58 -0.12 0.00	22.09 -0.09 0.00	24.16 -0.08 0.00	18.15 -0.12 0.00	7.60 -0.09 0.00	4.29 -0.08 0.00
ST_LAW_230_BK6_LBMP 345036	13.44 -0.42 0.00	8.63 -0.31 0.00	7.56 -0.27 0.00	7.41 -0.27 0.00	9.12 -0.32 0.00	4.53 -0.17 0.00	1.49 -0.05 0.00	6.23 -0.19 0.00	10.08 -0.30 0.00	13.32 -0.39 0.00	8.25 -0.24 0.00	4.61 -0.19 2.52	2.75 -0.05 0.00	7.14 -0.13 0.00	3.03 -0.05 0.00	6.15 -0.11 0.00	4.50 -0.08 0.00	17.09 -0.22 0.00	17.58 -0.12 0.00	22.09 -0.09 0.00	24.16 -0.08 0.00	18.15 -0.12 0.00	7.60 -0.09 0.00	4.29 -0.08 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	14.61 0.74 0.00	9.47 0.52 0.00	8.29 0.45 0.00	8.09 0.41 0.00	9.93 0.48 0.00	4.96 0.25 0.00	1.63 0.08 0.00	6.74 0.32 0.00	10.90 0.51 0.00	14.35 0.64 0.00	8.92 0.43 0.00	7.38 0.38 0.32	2.94 0.13 0.00	7.63 0.36 0.00	3.26 0.18 0.00	6.59 0.32 0.00	4.82 0.24 0.00	18.16 0.84 0.00	18.46 0.77 0.00	23.02 0.83 0.00	25.11 0.87 0.00	18.98 0.71 0.00	8.00 0.31 0.00	4.61 0.23 0.00
SWANROAD_115KV_TB1 355699	13.32 -0.54 0.00	8.43 -0.51 0.00	7.46 -0.38 0.00	7.40 -0.28 0.00	9.12 -0.33 0.00	4.56 -0.14 0.00	1.51 -0.04 0.00	6.20 -0.22 0.00	7.94 -0.48 1.95	7.94 -0.55 5.22	4.86 -0.27 3.36	1.91 -0.31 5.11	0.73 -0.13 1.94	3.87 -0.35 3.06	2.88 -0.20 0.00	5.94 -0.32 0.00	4.22 -0.36 0.00	15.88 -1.44 0.00	16.26 -1.43 0.00	20.53 -1.65 0.00	22.37 -1.86 0.00	16.61 -1.66 0.00	7.02 -0.67 0.00	4.11 -0.26 0.00
SYNERGY___BIOGAS 323694	13.86 0.00 0.00	8.79 -0.15 0.00	7.77 -0.07 0.00	7.69 0.01 0.00	9.47 0.02 0.00	4.73 0.03 0.00	1.56 0.01 0.00	6.40 -0.02 0.00	8.96 -0.16 1.26	10.17 -0.16 3.38	6.23 -0.09 2.18	3.74 -0.16 3.42	1.47 -0.07 1.26	5.16 -0.14 1.98	2.97 -0.11 0.00	6.15 -0.12 0.00	4.39 -0.19 0.00	16.71 -0.61 0.00	17.15 -0.55 0.00	21.64 -0.54 0.00	23.61 -0.62 0.00	17.57 -0.70 0.00	7.41 -0.29 0.00	4.30 -0.07 0.00
SYRACUSE___ENERGY_ST1 323597	13.89 0.03 0.00	8.94 0.00 0.00	7.85 0.01 0.00	7.70 0.02 0.00	9.48 0.03 0.00	4.72 0.02 0.00	1.56 0.01 0.00	6.42 0.00 0.00	10.36 -0.02 0.00	13.69 -0.02 0.00	8.48 -0.01 0.00	6.85 -0.05 0.43	2.78 -0.03 0.00	7.20 -0.07 0.00	3.05 -0.02 0.00	6.23 -0.04 0.00	4.54 -0.04 0.00	17.15 -0.17 0.00	17.47 -0.22 0.00	21.91 -0.27 0.00	23.95 -0.28 0.00	18.06 -0.21 0.00	7.62 -0.07 0.00	4.36 -0.02 0.00
SYRACUSE___ENERGY_ST2 323598	13.89 0.03 0.00	8.94 0.00 0.00	7.85 0.01 0.00	7.70 0.02 0.00	9.48 0.03 0.00	4.72 0.02 0.00	1.56 0.01 0.00	6.42 0.00 0.00	10.36 -0.02 0.00	13.69 -0.02 0.00	8.48 -0.01 0.00	6.85 -0.05 0.43	2.78 -0.03 0.00	7.20 -0.07 0.00	3.05 -0.02 0.00	6.23 -0.04 0.00	4.54 -0.04 0.00	17.15 -0.17 0.00	17.47 -0.22 0.00	21.91 -0.27 0.00	23.95 -0.28 0.00	18.06 -0.21 0.00	7.62 -0.07 0.00	4.36 -0.02 0.00
SYRACUSE___POWER 24017	13.93 0.07 0.00	8.97 0.03 0.00	7.87 0.03 0.00	7.73 0.05 0.00	9.51 0.06 0.00	4.74 0.04 0.00	1.56 0.01 0.00	6.44 0.02 0.00	10.40 0.02 0.00	13.73 0.02 0.00	8.51 0.02 0.00	6.85 -0.03 0.44	2.78 -0.02 0.00	7.22 -0.06 0.00	3.06 -0.02 0.00	6.24 -0.03 0.00	4.55 -0.03 0.00	17.18 -0.14 0.00	17.51 -0.19 0.00	21.96 -0.22 0.00	24.01 -0.22 0.00	18.11 -0.16 0.00	7.64 -0.05 0.00	4.38 0.00 0.00
TALLMAN_138KV_BK151 55660	14.68 0.82 0.00	9.51 0.57 0.00	8.32 0.49 0.00	8.12 0.44 0.00	9.95 0.50 0.00	4.97 0.27 0.00	1.64 0.09 0.00	6.76 0.34 0.00	10.92 0.54 0.00	14.39 0.68 0.00	8.95 0.45 0.00	7.41 0.41 0.32	2.95 0.14 0.00	7.66 0.39 0.00	3.28 0.20 0.00	6.63 0.37 0.00	4.85 0.27 0.00	18.26 0.94 0.00	18.54 0.85 0.00	23.10 0.92 0.00	25.18 0.94 0.00	19.03 0.76 0.00	8.02 0.33 0.00	4.62 0.25 0.00
TEALLAVE_115KV_TB7 355573	13.89 0.02 0.00	8.94 -0.01 0.00	7.84 0.01 0.00	7.70 0.02 0.00	9.48 0.03 0.00	4.72 0.02 0.00	1.56 0.01 0.00	6.42 0.00 0.00	10.37 -0.01 0.00	13.68 -0.03 0.00	8.48 -0.02 0.00	6.81 -0.05 0.46	2.77 -0.03 0.00	7.19 -0.08 0.00	3.05 -0.03 0.00	6.22 -0.05 0.00	4.53 -0.04 0.00	17.11 -0.21 0.00	17.44 -0.25 0.00	21.87 -0.31 0.00	23.91 -0.32 0.00	18.03 -0.24 0.00	7.61 -0.08 0.00	4.36 -0.02 0.00
TELGRAPH_34_KV_EAST 80808	13.60 -0.26 0.00	8.62 -0.32 0.00	7.63 -0.21 0.00	7.56 -0.12 0.00	9.31 -0.14 0.00	4.65 -0.05 0.00	1.53 -0.02 0.00	6.30 -0.11 0.00	8.42 -0.30 1.65	8.94 -0.34 4.43	5.48 -0.16 2.85	2.72 -0.22 4.38	1.06 -0.10 1.65	4.44 -0.24 2.59	2.94 -0.14 0.00	6.05 -0.22 0.00	4.32 -0.26 0.00	16.31 -1.01 0.00	16.72 -0.97 0.00	21.11 -1.07 0.00	23.02 -1.22 0.00	17.12 -1.16 0.00	7.23 -0.46 0.00	4.21 -0.16 0.00
TEMPLE___115KV_TB 2 55572	13.89 0.03 0.00	8.94 0.00 0.00	7.85 0.01 0.00	7.70 0.02 0.00	9.48 0.03 0.00	4.72 0.02 0.00	1.56 0.01 0.00	6.42 0.00 0.00	10.37 -0.01 0.00	13.69 -0.02 0.00	8.48 -0.01 0.00	6.82 -0.05 0.46	2.77 -0.03 0.00	7.20 -0.08 0.00	3.05 -0.03 0.00	6.22 -0.05 0.00	4.54 -0.04 0.00	17.12 -0.20 0.00	17.45 -0.25 0.00	21.88 -0.30 0.00	23.92 -0.32 0.00	18.04 -0.24 0.00	7.61 -0.08 0.00	4.36 -0.01 0.00
TIANA____69_KV_BK 1 55817	15.06 1.20 0.00	9.81 0.87 0.00	8.62 0.78 0.00	8.38 0.70 0.00	10.24 0.79 0.00	5.15 0.45 0.00	1.70 0.15 0.00	6.96 0.55 0.00	7.09 0.85 4.14	10.40 1.06 4.36	9.62 0.80 -0.33	8.44 0.74 -0.37	-8.58 0.28 11.67	-2.84 0.71 10.82	-0.08 0.33 3.50	15.56 0.60 -8.69	14.04 0.47 -9.00	22.80 1.46 -4.02	53.93 1.50 -34.73	26.41 1.59 -2.63	36.96 1.75 -10.97	24.01 1.37 -4.37	20.98 0.64 -12.65	7.49 0.40 -2.71

TILDEN___115KV_TB1 80814	13.93 0.07 0.00	8.97 0.03 0.00	7.87 0.03 0.00	7.73 0.05 0.00	9.51 0.06 0.00	4.74 0.04 0.00	1.56 0.01 0.00	6.44 0.02 0.00	10.40 0.02 0.00	13.73 0.02 0.00	8.51 0.02 0.00	6.85 -0.03 0.44	2.78 -0.02 0.00	7.22 -0.06 0.00	3.06 -0.02 0.00	6.24 -0.03 0.00	4.55 -0.03 0.00	17.18 -0.14 0.00	17.51 -0.19 0.00	21.96 -0.22 0.00	24.01 -0.22 0.00	18.11 -0.16 0.00	7.64 -0.05 0.00	4.38 0.00 0.00
TRIGEN___CC 323695	14.91 1.05 0.00	9.72 0.78 0.00	8.51 0.68 0.00	8.29 0.61 0.00	10.14 0.70 0.00	5.08 0.38 0.00	1.67 0.12 0.00	6.90 0.48 0.00	30.16 0.78 -19.00	41.41 0.99 -26.71	61.38 0.71 -52.18	50.54 0.65 -42.56	56.83 0.23 -53.79	62.64 0.61 -54.75	68.12 0.30 -64.74	90.09 0.52 -83.30	80.75 0.38 -75.79	82.33 1.31 -63.70	485.68 1.32 -466.67	105.06 1.36 -81.52	132.27 1.47 -106.56	63.79 1.14 -44.38	101.82 0.54 -93.59	53.41 0.36 -48.68
TRINITY___115KV___4 BK 55933	14.26 0.40 0.00	9.27 0.33 0.00	8.12 0.28 0.00	7.95 0.27 0.00	9.77 0.32 0.00	4.86 0.16 0.00	1.60 0.05 0.00	6.59 0.17 0.00	10.67 0.29 0.00	14.02 0.31 0.00	8.65 0.15 0.00	7.12 0.15 0.36	2.85 0.05 0.00	7.38 0.10 0.00	3.13 0.05 0.00	6.34 0.08 0.00	4.64 0.06 0.00	17.47 0.15 0.00	17.83 0.14 0.00	22.33 0.15 0.00	24.37 0.13 0.00	18.42 0.15 0.00	7.82 0.13 0.00	4.48 0.11 0.00
UNION___PROCESSING_DRP 323587	13.72 -0.14 0.00	8.76 -0.18 0.00	7.72 -0.11 0.00	7.62 -0.06 0.00	9.38 -0.07 0.00	4.68 -0.03 0.00	1.54 -0.01 0.00	6.34 -0.07 0.00	10.21 -0.16 0.00	13.50 -0.21 0.00	8.40 -0.09 0.00	6.83 -0.14 0.35	2.74 -0.07 0.00	7.11 -0.16 0.00	3.00 -0.08 0.00	6.14 -0.13 0.00	4.43 -0.15 0.00	16.74 -0.58 0.00	17.11 -0.59 0.00	21.52 -0.66 0.00	23.49 -0.75 0.00	17.57 -0.70 0.00	7.41 -0.28 0.00	4.28 -0.09 0.00
UPPER HUDSON___HYD 24058	14.70 0.84 0.00	9.54 0.60 0.00	8.36 0.52 0.00	8.19 0.51 0.00	10.08 0.63 0.00	5.02 0.31 0.00	1.65 0.10 0.00	6.83 0.42 0.00	11.09 0.71 0.00	14.55 0.84 0.00	8.88 0.38 0.00	7.25 0.30 0.37	2.90 0.10 0.00	7.50 0.23 0.00	3.18 0.10 0.00	6.44 0.17 0.00	4.72 0.15 0.00	17.96 0.64 0.00	18.44 0.74 0.00	23.18 1.00 0.00	25.38 1.15 0.00	19.25 0.98 0.00	8.14 0.44 0.00	4.66 0.29 0.00
UPPER RAQUET___HYD 24056	13.11 -0.75 0.00	8.42 -0.52 0.00	7.37 -0.47 0.00	7.25 -0.43 0.00	9.01 -0.44 0.00	4.48 -0.22 0.00	1.49 -0.06 0.00	6.19 -0.23 0.00	10.02 -0.36 0.00	13.17 -0.54 0.00	8.13 -0.36 0.00	4.93 -0.30 2.09	2.72 -0.09 0.00	7.07 -0.20 0.00	3.00 -0.08 0.00	6.05 -0.22 0.00	4.45 -0.13 0.00	16.97 -0.34 0.00	17.59 -0.11 0.00	22.22 0.04 0.00	24.39 0.15 0.00	18.29 0.02 0.00	7.60 -0.09 0.00	4.29 -0.08 0.00
VALLEY44_115KV_TB2 355964	13.87 0.01 0.00	8.83 -0.11 0.00	7.83 0.00 0.00	7.75 0.07 0.00	9.55 0.10 0.00	4.78 0.08 0.00	1.58 0.03 0.00	6.51 0.09 0.00	9.53 0.10 0.95	11.18 0.00 2.54	6.92 0.06 1.63	4.63 -0.05 2.65	1.82 -0.04 0.94	5.65 -0.14 1.49	2.98 -0.10 0.00	6.13 -0.14 0.00	4.39 -0.18 0.00	16.56 -0.76 0.00	16.82 -0.87 0.00	21.20 -0.98 0.00	23.23 -1.00 0.00	17.39 -0.88 0.00	7.36 -0.33 0.00	4.30 -0.07 0.00
VALLEY___115KV_TB 1-4 80826	14.08 0.22 0.00	9.12 0.17 0.00	8.00 0.16 0.00	7.81 0.13 0.00	9.62 0.17 0.00	4.78 0.08 0.00	1.58 0.02 0.00	6.48 0.06 0.00	10.48 0.10 0.00	13.73 0.02 0.00	8.51 0.01 0.00	6.59 -0.08 0.65	2.76 -0.05 0.00	7.16 -0.11 0.00	3.04 -0.04 0.00	6.20 -0.07 0.00	4.54 -0.05 0.00	17.11 -0.21 0.00	17.50 -0.19 0.00	22.07 -0.11 0.00	24.26 0.02 0.00	18.40 0.13 0.00	7.78 0.08 0.00	4.45 0.08 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	14.49 0.63 0.00	9.35 0.41 0.00	8.20 0.36 0.00	8.03 0.35 0.00	9.90 0.45 0.00	4.93 0.23 0.00	1.63 0.08 0.00	6.72 0.30 0.00	10.88 0.49 0.00	14.34 0.63 0.00	8.91 0.41 0.00	7.26 0.34 0.41	2.92 0.11 0.00	7.56 0.29 0.00	3.21 0.13 0.00	6.51 0.25 0.00	4.77 0.19 0.00	17.99 0.67 0.00	18.34 0.65 0.00	22.98 0.80 0.00	25.12 0.88 0.00	18.94 0.67 0.00	7.98 0.29 0.00	4.57 0.20 0.00
VISCHER___FERRY HYD 24020	14.43 0.56 0.00	9.37 0.43 0.00	8.20 0.37 0.00	8.03 0.35 0.00	9.88 0.42 0.00	4.92 0.22 0.00	1.62 0.07 0.00	6.69 0.27 0.00	10.82 0.44 0.00	14.22 0.50 0.00	8.75 0.25 0.00	7.18 0.22 0.36	2.88 0.07 0.00	7.44 0.17 0.00	3.16 0.08 0.00	6.39 0.12 0.00	4.68 0.10 0.00	17.71 0.39 0.00	18.10 0.40 0.00	22.70 0.52 0.00	24.78 0.54 0.00	18.72 0.45 0.00	7.93 0.24 0.00	4.54 0.17 0.00
V_A_10_SYNC_DSASP 323832	13.53 -0.33 0.00	8.60 -0.34 0.00	7.61 -0.23 0.00	7.53 -0.15 0.00	9.27 -0.18 0.00	4.63 -0.08 0.00	1.52 -0.03 0.00	6.28 -0.13 0.00	8.84 -0.29 1.25	9.99 -0.38 3.34	6.17 -0.17 2.15	3.69 -0.23 3.40	1.46 -0.10 1.24	5.05 -0.27 1.96	2.94 -0.14 0.00	6.04 -0.23 0.00	4.32 -0.25 0.00	16.32 -1.00 0.00	16.68 -1.02 0.00	21.01 -1.17 0.00	22.92 -1.32 0.00	17.07 -1.20 0.00	7.21 -0.48 0.00	4.20 -0.18 0.00
V_CMM_10_SYNC_DSASP 323787	13.49 -0.38 0.00	8.66 -0.28 0.00	7.58 -0.25 0.00	7.43 -0.24 0.00	9.15 -0.30 0.00	4.55 -0.15 0.00	1.50 -0.05 0.00	6.25 -0.17 0.00	10.12 -0.26 0.00	13.37 -0.34 0.00	8.28 -0.22 0.00	4.68 -0.16 2.48	2.76 -0.04 0.00	7.18 -0.10 0.00	3.04 -0.04 0.00	6.20 -0.07 0.00	4.52 -0.06 0.00	17.18 -0.14 0.00	17.68 -0.02 0.00	22.21 0.02 0.00	24.30 0.06 0.00	18.25 -0.02 0.00	7.64 -0.06 0.00	4.31 -0.07 0.00
V_CMP_10_SYNC_DSASP 323788	13.31 -0.55 0.00	8.56 -0.38 0.00	7.46 -0.37 0.00	7.31 -0.37 0.00	8.99 -0.46 0.00	4.48 -0.23 0.00	1.47 -0.08 0.00	6.15 -0.27 0.00	9.96 -0.42 0.00	13.11 -0.60 0.00	8.11 -0.38 0.00	4.60 -0.24 2.48	2.72 -0.08 0.00	7.05 -0.22 0.00	3.01 -0.07 0.00	6.12 -0.14 0.00	4.46 -0.12 0.00	17.06 -0.26 0.00	17.64 -0.05 0.00	22.22 0.04 0.00	24.27 0.03 0.00	18.33 0.06 0.00	7.66 -0.03 0.00	4.33 -0.04 0.00
V_D_10_SYNC_DSASP 323841	13.49 -0.37 0.00	8.67 -0.27 0.00	7.59 -0.24 0.00	7.44 -0.24 0.00	9.17 -0.28 0.00	4.56 -0.14 0.00	1.51 -0.04 0.00	6.27 -0.15 0.00	10.15 -0.23 0.00	13.39 -0.31 0.00	8.29 -0.20 0.00	4.76 -0.16 2.42	2.77 -0.04 0.00	7.21 -0.06 0.00	3.06 -0.02 0.00	6.16 -0.11 0.00	4.54 -0.04 0.00	17.27 -0.05 0.00	17.80 0.10 0.00	22.39 0.20 0.00	24.49 0.26 0.00	18.39 0.12 0.00	7.66 -0.03 0.00	4.33 -0.05 0.00
V_E_10_SYNC_DSASP 323830	14.22 0.35 0.00	9.12 0.18 0.00	8.01 0.17 0.00	7.91 0.23 0.00	9.78 0.33 0.00	4.90 0.20 0.00	1.63 0.08 0.00	6.65 0.23 0.00	11.15 0.34 -0.43	15.21 0.35 -1.14	9.54 0.31 -0.74	8.11 0.17 -0.61	3.24 0.01 -0.42	7.99 0.05 -0.67	3.07 -0.01 0.00	6.32 0.06 0.00	4.65 0.07 0.00	17.87 0.55 0.00	18.58 0.88 0.00	23.56 1.38 0.00	25.91 1.67 0.00	19.47 1.20 0.00	8.13 0.44 0.00	4.65 0.27 0.00

V_F_30_NSYNC___DSASP 323816	14.61 0.75 0.00	9.47 0.53 0.00	8.30 0.47 0.00	8.13 0.45 0.00	10.01 0.56 0.00	4.98 0.28 0.00	1.64 0.09 0.00	6.77 0.35 0.00	10.97 0.59 0.00	14.41 0.70 0.00	8.86 0.36 0.00	7.24 0.28 0.37	2.90 0.10 0.00	7.50 0.23 0.00	3.19 0.10 0.00	6.45 0.19 0.00	4.73 0.16 0.00	17.93 0.61 0.00	18.35 0.65 0.00	23.07 0.88 0.00	25.22 0.98 0.00	19.04 0.77 0.00	8.05 0.36 0.00	4.61 0.23 0.00
V_F_30_SYNC_DSASP 323786	14.30 0.43 0.00	9.29 0.35 0.00	8.14 0.30 0.00	7.97 0.29 0.00	9.80 0.35 0.00	4.87 0.17 0.00	1.60 0.05 0.00	6.61 0.19 0.00	10.70 0.31 0.00	14.06 0.35 0.00	8.67 0.18 0.00	7.13 0.17 0.36	2.86 0.05 0.00	7.40 0.12 0.00	3.14 0.06 0.00	6.37 0.10 0.00	4.66 0.08 0.00	17.53 0.21 0.00	17.90 0.20 0.00	22.43 0.25 0.00	24.46 0.23 0.00	18.49 0.22 0.00	7.84 0.15 0.00	4.50 0.12 0.00
V_XM_10_SYNC_DSASP 323789	13.31 -0.55 0.00	8.56 -0.38 0.00	7.46 -0.37 0.00	7.31 -0.37 0.00	8.99 -0.46 0.00	4.48 -0.23 0.00	1.47 -0.08 0.00	6.15 -0.27 0.00	9.96 -0.42 0.00	13.11 -0.60 0.00	8.11 -0.38 0.00	4.60 -0.24 2.48	2.72 -0.08 0.00	7.05 -0.22 0.00	3.01 -0.07 0.00	6.12 -0.14 0.00	4.46 -0.12 0.00	17.06 -0.26 0.00	17.64 -0.05 0.00	22.22 0.04 0.00	24.27 0.03 0.00	18.33 0.06 0.00	7.66 -0.03 0.00	4.33 -0.04 0.00
W.BABYLN_69_KV_BK1 56697	15.13 1.27 0.00	9.86 0.92 0.00	8.64 0.80 0.00	8.40 0.72 0.00	10.27 0.82 0.00	5.16 0.45 0.00	1.70 0.15 0.00	6.99 0.57 0.00	12.45 0.89 -1.18	17.64 1.12 -2.81	21.34 0.83 -12.02	18.03 0.77 -9.94	6.29 0.28 -3.21	12.08 0.71 -4.09	15.32 0.34 -11.89	31.77 0.63 -24.88	28.48 0.46 -23.44	36.01 1.62 -17.07	148.52 1.66 -129.16	43.88 1.77 -19.93	57.97 1.93 -31.80	32.85 1.50 -13.08	38.70 0.68 -30.32	18.04 0.44 -13.23
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	14.73 0.87 0.00	9.54 0.60 0.00	8.35 0.51 0.00	8.14 0.47 0.00	9.99 0.54 0.00	4.99 0.28 0.00	1.64 0.09 0.00	6.78 0.36 0.00	10.96 0.58 0.00	14.44 0.73 0.00	8.98 0.48 0.00	7.44 0.44 0.32	2.96 0.15 0.00	7.69 0.42 0.00	3.29 0.21 0.00	6.66 0.39 0.00	4.86 0.28 0.00	18.33 1.01 0.00	18.62 0.92 0.00	23.19 1.01 0.00	25.28 1.05 0.00	19.11 0.84 0.00	8.06 0.37 0.00	4.64 0.27 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	14.88 1.01 0.00	9.65 0.71 0.00	8.45 0.62 0.00	8.25 0.57 0.00	10.11 0.66 0.00	5.05 0.34 0.00	1.66 0.11 0.00	6.87 0.45 0.00	11.13 0.75 0.00	14.68 0.96 0.00	9.13 0.64 0.00	7.56 0.57 0.33	3.01 0.20 0.00	7.81 0.53 0.00	3.34 0.27 0.00	6.73 0.46 0.00	4.91 0.33 0.00	18.50 1.18 0.00	18.76 1.07 0.00	23.36 1.18 0.00	25.46 1.22 0.00	19.25 0.98 0.00	8.13 0.44 0.00	4.68 0.30 0.00
W50THST__13_KV_LOAD 356117	14.95 1.09 0.00	9.70 0.75 0.00	8.49 0.66 0.00	8.28 0.60 0.00	10.17 0.72 0.00	5.08 0.37 0.00	1.67 0.12 0.00	6.91 0.49 0.00	11.19 0.81 0.00	14.76 1.05 0.00	9.19 0.69 0.00	7.61 0.62 0.33	3.02 0.22 0.00	7.86 0.58 0.00	3.37 0.29 0.00	6.77 0.50 0.00	4.94 0.36 0.00	18.59 1.28 0.00	18.87 1.17 0.00	23.49 1.31 0.00	25.59 1.35 0.00	19.34 1.07 0.00	8.17 0.48 0.00	4.70 0.32 0.00
WADING RIVER_IC_1 23522	15.04 1.18 0.00	9.80 0.86 0.00	8.60 0.77 0.00	8.37 0.69 0.00	10.22 0.77 0.00	5.14 0.44 0.00	1.69 0.14 0.00	6.96 0.54 0.00	7.04 0.82 4.16	10.32 1.00 4.40	9.53 0.76 -0.28	8.37 0.72 -0.33	-8.66 0.27 11.74	-2.93 0.68 10.88	-0.16 0.32 3.56	15.48 0.59 -8.62	13.96 0.45 -8.94	22.64 1.35 -3.97	53.38 1.37 -34.31	26.17 1.44 -2.55	36.71 1.59 -10.88	23.85 1.24 -4.33	20.85 0.59 -12.58	7.42 0.38 -2.66
WADING RIVER_IC_2 23547	15.04 1.18 0.00	9.80 0.86 0.00	8.60 0.77 0.00	8.37 0.69 0.00	10.22 0.77 0.00	5.14 0.44 0.00	1.69 0.14 0.00	6.96 0.54 0.00	7.04 0.82 4.16	10.32 1.00 4.40	9.53 0.76 -0.28	8.37 0.72 -0.33	-8.66 0.27 11.74	-2.93 0.68 10.88	-0.16 0.32 3.56	15.48 0.59 -8.62	13.96 0.45 -8.94	22.64 1.35 -3.97	53.38 1.37 -34.31	26.17 1.44 -2.55	36.71 1.59 -10.88	23.85 1.24 -4.33	20.85 0.59 -12.58	7.42 0.38 -2.66
WADING RIVER_IC_3 23601	15.04 1.18 0.00	9.80 0.86 0.00	8.60 0.77 0.00	8.37 0.69 0.00	10.22 0.77 0.00	5.14 0.44 0.00	1.69 0.14 0.00	6.96 0.54 0.00	7.04 0.82 4.16	10.32 1.00 4.40	9.53 0.76 -0.28	8.37 0.72 -0.33	-8.66 0.27 11.74	-2.93 0.68 10.88	-0.16 0.32 3.56	15.48 0.59 -8.62	13.96 0.45 -8.94	22.64 1.35 -3.97	53.38 1.37 -34.31	26.17 1.44 -2.55	36.71 1.59 -10.88	23.85 1.24 -4.33	20.85 0.59 -12.58	7.42 0.38 -2.66
WALDENNY_12_KV_BK2 80841	13.65 -0.21 0.00	8.64 -0.29 0.00	7.65 -0.18 0.00	7.59 -0.09 0.00	9.35 -0.09 0.00	4.67 -0.03 0.00	1.54 -0.01 0.00	6.34 -0.08 0.00	7.78 -0.23 2.38	7.02 -0.32 6.37	4.26 -0.13 4.10	0.97 -0.21 6.14	0.34 -0.09 2.37	3.30 -0.25 3.72	2.93 -0.15 0.00	6.06 -0.20 0.00	4.32 -0.25 0.00	16.33 -0.99 0.00	16.68 -1.02 0.00	21.07 -1.11 0.00	23.03 -1.21 0.00	17.16 -1.11 0.00	7.25 -0.44 0.00	4.23 -0.14 0.00
WALDEN__HYDRO 24148	14.69 0.83 0.00	9.52 0.58 0.00	8.34 0.50 0.00	8.14 0.46 0.00	9.99 0.54 0.00	4.99 0.28 0.00	1.64 0.09 0.00	6.78 0.36 0.00	10.97 0.59 0.00	14.45 0.74 0.00	8.98 0.49 0.00	7.43 0.43 0.32	2.95 0.15 0.00	7.67 0.40 0.00	3.28 0.20 0.00	6.62 0.36 0.00	4.84 0.27 0.00	18.26 0.94 0.00	18.58 0.88 0.00	23.17 0.99 0.00	25.28 1.04 0.00	19.11 0.84 0.00	8.06 0.37 0.00	4.63 0.26 0.00
WARRENSBURG____ 23737	14.70 0.84 0.00	9.54 0.60 0.00	8.36 0.52 0.00	8.19 0.51 0.00	10.08 0.63 0.00	5.02 0.31 0.00	1.65 0.10 0.00	6.83 0.42 0.00	11.09 0.71 0.00	14.55 0.84 0.00	8.88 0.38 0.00	7.25 0.30 0.37	2.90 0.10 0.00	7.50 0.23 0.00	3.18 0.10 0.00	6.44 0.17 0.00	4.72 0.15 0.00	17.96 0.64 0.00	18.44 0.74 0.00	23.18 1.00 0.00	25.38 1.15 0.00	19.25 0.98 0.00	8.14 0.44 0.00	4.66 0.29 0.00
WATERSIDE____6 8 9 23538	14.91 1.05 0.00	9.68 0.73 -0.01	8.48 0.64 0.00	8.26 0.58 0.00	10.13 0.68 0.00	5.05 0.35 0.00	1.67 0.12 0.00	6.88 0.46 0.00	11.14 0.76 0.00	14.69 0.98 0.00	9.15 0.65 0.00	7.58 0.58 0.33	3.01 0.21 0.00	7.83 0.55 0.00	3.35 0.27 0.00	6.76 0.48 -0.01	4.92 0.34 0.00	18.51 1.19 0.00	18.78 1.08 0.00	23.38 1.20 0.00	25.48 1.24 0.00	19.27 1.00 0.00	8.14 0.45 0.00	4.68 0.31 0.00
WATKINRD_115KV_LN8_ILLION 55919	14.07 0.21 0.00	9.11 0.16 0.00	7.99 0.15 0.00	7.81 0.13 0.00	9.62 0.17 0.00	4.79 0.08 0.00	1.58 0.03 0.00	6.49 0.06 0.00	10.50 0.11 0.00	13.77 0.06 0.00	8.53 0.03 0.00	6.63 -0.04 0.65	2.77 -0.03 0.00	7.20 -0.07 0.00	3.06 -0.03 0.00	6.23 -0.04 0.00	4.55 -0.03 0.00	17.18 -0.14 0.00	17.56 -0.14 0.00	22.09 -0.09 0.00	24.24 0.00 0.00	18.34 0.07 0.00	7.76 0.07 0.00	4.44 0.07 0.00

WDELAWARE___HYD 323627	14.37 0.51 0.00	9.31 0.36 0.00	8.15 0.31 0.00	7.96 0.27 0.00	9.76 0.32 0.00	4.87 0.17 0.00	1.61 0.05 0.00	6.63 0.21 0.00	10.72 0.34 0.00	14.14 0.43 0.00	8.77 0.27 0.00	7.26 0.25 0.32	2.88 0.08 0.00	7.50 0.23 0.00	3.19 0.11 0.00	6.48 0.21 0.00	4.74 0.17 0.00	17.88 0.56 0.00	18.20 0.51 0.00	22.74 0.56 0.00	24.81 0.57 0.00	18.75 0.48 0.00	7.90 0.21 0.00	4.53 0.16 0.00
WEST BABYLON___IC 23714	15.13 1.27 0.00	9.86 0.92 0.00	8.64 0.80 0.00	8.40 0.72 0.00	10.27 0.82 0.00	5.16 0.45 0.00	1.70 0.15 0.00	6.99 0.57 0.00	12.45 0.89 -1.18	17.64 1.12 -2.81	21.34 0.83 -12.02	18.03 0.77 -9.94	6.29 0.28 -3.21	12.08 0.71 -4.09	15.32 0.34 -11.89	31.77 0.63 -24.88	28.48 0.46 -23.44	36.01 1.62 -17.07	148.52 1.66 -129.16	43.88 1.77 -19.93	57.97 1.93 -31.80	32.85 1.50 -13.08	38.70 0.68 -30.32	18.04 0.44 -13.23
WEST CANADA___HYD 24049	14.02 0.16 0.00	9.06 0.12 0.00	7.94 0.11 0.00	7.78 0.11 0.00	9.58 0.13 0.00	4.77 0.06 0.00	1.57 0.02 0.00	6.48 0.06 0.00	10.49 0.10 0.00	13.81 0.09 0.00	8.55 0.05 0.00	6.69 0.02 0.65	2.80 0.00 0.00	7.26 -0.02 0.00	3.08 0.00 0.00	6.25 -0.02 0.00	4.57 -0.01 0.00	17.25 -0.07 0.00	17.60 -0.10 0.00	22.07 -0.11 0.00	24.14 -0.10 0.00	18.22 -0.05 0.00	7.71 0.01 0.00	4.42 0.04 0.00
WESTERN_NY_WIND 24143	13.84 -0.02 0.00	8.78 -0.16 0.00	7.76 -0.08 0.00	7.68 0.00 0.00	9.46 0.01 0.00	4.72 0.03 0.00	1.56 0.01 0.00	6.39 -0.03 0.00	8.85 -0.17 1.36	9.90 -0.17 3.64	6.06 -0.10 2.34	3.49 -0.17 3.66	1.37 -0.08 1.35	4.99 -0.15 2.13	2.97 -0.11 0.00	6.14 -0.12 0.00	4.38 -0.20 0.00	16.68 -0.64 0.00	17.12 -0.58 0.00	21.61 -0.57 0.00	23.57 -0.67 0.00	17.53 -0.74 0.00	7.39 -0.30 0.00	4.30 -0.08 0.00
WESTOVER___LESR 323668	13.98 0.12 0.00	8.99 0.05 0.00	7.90 0.06 0.00	7.76 0.08 0.00	9.55 0.10 0.00	4.77 0.07 0.00	1.58 0.02 0.00	6.49 0.07 0.00	10.49 0.11 0.00	13.78 0.08 0.00	8.58 0.09 0.00	6.89 0.02 0.45	2.80 0.00 0.00	7.26 -0.02 0.00	3.07 -0.01 0.00	6.26 0.00 0.00	4.56 -0.02 0.00	17.19 -0.13 0.00	17.49 -0.20 0.00	21.93 -0.25 0.00	24.01 -0.22 0.00	18.11 -0.17 0.00	7.65 -0.05 0.00	4.40 0.03 0.00
WETHRSFD_WT_PWR 323626	13.40 -0.47 0.00	8.52 -0.42 0.00	7.55 -0.29 0.00	7.47 -0.21 0.00	9.23 -0.21 0.00	4.63 -0.07 0.00	1.52 -0.03 0.00	6.20 -0.22 0.00	-0.24 -0.51 10.11	-14.21 -0.83 27.09	-9.41 -0.46 17.44	-18.92 -0.47 25.78	-7.47 -0.20 10.07	-9.09 -0.52 15.85	2.86 -0.22 0.00	5.92 -0.34 0.00	4.22 -0.35 0.00	16.05 -1.27 0.00	16.41 -1.28 0.00	20.80 -1.38 0.00	22.85 -1.38 0.00	17.17 -1.10 0.00	7.27 -0.42 0.00	4.23 -0.15 0.00
WHAVSTOR_138KV_BK127 55557	14.66 0.80 0.00	9.50 0.55 0.00	8.31 0.47 0.00	8.11 0.43 0.00	9.94 0.49 0.00	4.96 0.26 0.00	1.63 0.08 0.00	6.75 0.33 0.00	10.91 0.53 0.00	14.37 0.65 0.00	8.93 0.44 0.00	7.40 0.40 0.32	2.94 0.14 0.00	7.65 0.38 0.00	3.28 0.20 0.00	6.62 0.35 0.00	4.84 0.26 0.00	18.23 0.91 0.00	18.51 0.81 0.00	23.06 0.88 0.00	25.14 0.90 0.00	19.00 0.73 0.00	8.01 0.32 0.00	4.62 0.24 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	14.66 0.80 0.00	9.50 0.55 0.00	8.31 0.47 0.00	8.11 0.43 0.00	9.94 0.49 0.00	4.96 0.26 0.00	1.63 0.08 0.00	6.75 0.33 0.00	10.91 0.53 0.00	14.37 0.65 0.00	8.93 0.44 0.00	7.40 0.40 0.32	2.94 0.14 0.00	7.65 0.38 0.00	3.28 0.20 0.00	6.62 0.35 0.00	4.84 0.26 0.00	18.23 0.91 0.00	18.51 0.81 0.00	23.06 0.88 0.00	25.14 0.90 0.00	19.00 0.73 0.00	8.01 0.32 0.00	4.62 0.24 0.00
WHITEHAL_115KV_TB1 80871	14.63 0.76 0.00	9.60 0.66 0.00	8.41 0.57 0.00	8.22 0.54 0.00	10.10 0.65 0.00	5.04 0.34 0.00	1.66 0.11 0.00	6.95 0.53 0.00	11.31 0.93 0.00	14.72 1.01 0.00	8.89 0.40 0.00	7.29 0.33 0.37	2.96 0.16 0.00	7.63 0.36 0.00	3.21 0.13 0.00	6.38 0.12 0.00	4.70 0.13 0.00	18.22 0.90 0.00	18.98 1.29 0.00	23.82 1.64 0.00	26.07 1.83 0.00	19.56 1.29 0.00	8.32 0.63 0.00	4.74 0.37 0.00
WHITEPLN_13_KV_LOAD 356215	14.91 1.04 0.00	9.67 0.73 0.00	8.47 0.63 0.00	8.26 0.58 0.00	10.13 0.68 0.00	5.05 0.35 0.00	1.67 0.12 0.00	6.88 0.46 0.00	11.14 0.76 0.00	14.68 0.97 0.00	9.13 0.64 0.00	7.56 0.57 0.33	3.01 0.20 0.00	7.80 0.53 0.00	3.34 0.26 0.00	6.73 0.47 0.00	4.92 0.34 0.00	18.55 1.23 0.00	18.85 1.15 0.00	23.47 1.29 0.00	25.59 1.35 0.00	19.35 1.08 0.00	8.17 0.48 0.00	4.69 0.32 0.00
WM_FLOYD_69_KV_BK2 356380	15.06 1.20 0.00	9.81 0.87 0.00	8.61 0.78 0.00	8.37 0.69 0.00	10.23 0.78 0.00	5.14 0.44 0.00	1.70 0.15 0.00	6.96 0.55 0.00	7.15 0.82 4.05	10.45 1.00 4.25	9.77 0.76 -0.51	8.56 0.71 -0.52	-8.36 0.27 11.44	-2.63 0.68 10.59	0.15 0.33 3.26	15.81 0.59 -8.95	14.26 0.45 -9.23	22.99 1.45 -4.23	55.38 1.48 -36.21	26.64 1.56 -2.90	37.23 1.72 -11.28	24.11 1.34 -4.50	21.22 0.62 -12.91	7.64 0.40 -2.87
WOODARD__115KV_TB2 355635	13.86 -0.01 0.00	8.92 -0.02 0.00	7.83 -0.01 0.00	7.69 0.01 0.00	9.46 0.01 0.00	4.71 0.01 0.00	1.55 0.00 0.00	6.40 -0.02 0.00	10.35 -0.03 0.00	13.66 -0.05 0.00	8.46 -0.03 0.00	6.81 -0.06 0.45	2.77 -0.04 0.00	7.18 -0.09 0.00	3.05 -0.03 0.00	6.20 -0.06 0.00	4.53 -0.05 0.00	17.09 -0.23 0.00	17.42 -0.28 0.00	21.85 -0.33 0.00	23.88 -0.35 0.00	18.01 -0.26 0.00	7.60 -0.09 0.00	4.35 -0.02 0.00
WOODMERE_69_KV_BK1 55827	15.06 1.20 0.00	9.81 0.87 0.00	8.60 0.76 0.00	8.36 0.68 0.00	10.24 0.79 0.00	5.13 0.42 0.00	1.69 0.14 0.00	6.95 0.53 0.00	64.27 0.86 -53.03	85.52 1.10 -70.71	135.01 0.78 -125.73	108.33 0.72 -100.29	153.76 0.26 -150.71	159.77 0.67 -151.82	165.14 0.33 -161.73	175.35 0.59 -168.50	155.67 0.42 -150.67	153.97 1.46 -135.20	1003.62 1.43 -984.49	202.89 1.50 -179.20	241.56 1.77 -215.56	109.85 1.29 -90.29	189.72 0.62 -181.41	105.60 0.41 -100.81
YORK___WARBASSE 23770	14.95 1.08 0.00	9.71 0.76 -0.01	8.50 0.66 0.00	8.28 0.60 0.00	10.16 0.72 0.00	5.07 0.37 0.00	1.67 0.12 0.00	6.90 0.48 0.00	11.18 0.80 0.00	14.73 1.02 0.00	9.18 0.68 0.00	7.60 0.60 0.33	3.02 0.22 0.00	7.85 0.58 0.00	3.36 0.28 0.00	6.77 0.50 -0.01	4.93 0.35 0.00	18.53 1.22 0.00	18.82 1.12 0.00	23.43 1.24 0.00	25.54 1.30 0.00	19.31 1.04 0.00	8.16 0.46 0.00	4.69 0.31 0.00