

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

08/31/2025

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	EDT
59TH STREET_GT_1	21.67	21.70	21.07	20.30	23.20	25.15	24.25	20.77	17.83	19.40	15.85	15.95	18.58	19.91	20.17	21.25	29.88	34.52	38.49	36.89	41.61	28.33	26.81	26.12
24138	0.65	0.60	0.56	0.54	0.55	0.62	0.61	0.71	0.80	0.89	0.77	0.83	1.00	1.08	1.14	1.25	1.70	1.80	1.82	1.68	1.80	1.28	1.29	1.23
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	21.68	21.71	21.05	20.29	23.19	25.14	24.24	20.75	17.83	19.40	15.85	15.95	18.58	19.90	20.17	21.24	29.90	34.56	38.54	36.95	41.70	28.38	26.85	26.16
24260	0.66	0.60	0.55	0.53	0.54	0.61	0.60	0.69	0.79	0.89	0.77	0.83	1.00	1.08	1.14	1.25	1.72	1.84	1.86	1.74	1.89	1.33	1.32	1.27
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	21.68	21.71	21.05	20.29	23.19	25.14	24.24	20.75	17.83	19.40	15.85	15.95	18.58	19.90	20.17	21.24	29.90	34.56	38.54	36.95	41.70	28.38	26.85	26.16
24261	0.66	0.60	0.55	0.53	0.54	0.61	0.60	0.69	0.79	0.89	0.77	0.83	1.00	1.08	1.14	1.25	1.72	1.84	1.86	1.74	1.89	1.33	1.32	1.27
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	22.06	22.16	21.51	20.72	23.77	25.72	24.79	21.04	17.81	19.19	15.53	15.56	18.12	19.37	19.62	20.74	29.35	34.57	39.07	38.01	42.93	28.98	27.32	26.56
24011	1.05	1.06	1.00	0.96	1.13	1.20	1.16	0.99	0.77	0.69	0.45	0.44	0.54	0.55	0.59	0.73	1.17	1.85	2.40	2.79	3.12	1.93	1.80	1.67
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	22.13	22.24	21.59	20.81	23.88	25.84	24.90	21.13	17.87	19.22	15.54	15.58	18.15	19.40	19.65	20.77	29.41	34.67	39.24	38.29	43.26	29.17	27.48	26.70
23798	1.12	1.14	1.09	1.05	1.23	1.32	1.26	1.07	0.84	0.72	0.47	0.46	0.57	0.57	0.62	0.77	1.23	1.94	2.56	3.07	3.45	2.12	1.95	1.81
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	22.06	22.16	21.51	20.72	23.77	25.72	24.79	21.04	17.81	19.19</														

ALBANY___2 23572	20.87 -0.14 0.00	20.97 -0.12 0.00	20.37 -0.13 0.00	19.63 -0.13 0.00	22.47 -0.18 0.00	24.31 -0.22 0.00	23.41 -0.22 0.00	19.94 -0.12 0.00	16.97 -0.06 0.00	18.44 -0.07 0.00	15.04 -0.03 0.00	15.10 -0.02 0.00	17.57 -0.01 0.00	18.80 -0.02 0.00	19.03 0.00 0.00	20.10 0.10 0.00	28.80 0.62 0.00	33.45 0.73 0.00	37.52 0.85 0.00	36.21 0.99 0.00	40.93 1.12 0.00	27.79 0.74 0.00	26.24 0.71 0.00	25.57 0.68 0.00
ALBANY___3 23573	20.87 -0.14 0.00	20.97 -0.12 0.00	20.37 -0.13 0.00	19.63 -0.13 0.00	22.47 -0.18 0.00	24.31 -0.22 0.00	23.41 -0.22 0.00	19.94 -0.12 0.00	16.97 -0.06 0.00	18.44 -0.07 0.00	15.04 -0.03 0.00	15.10 -0.02 0.00	17.57 -0.01 0.00	18.80 -0.02 0.00	19.03 0.00 0.00	20.10 0.10 0.00	28.80 0.62 0.00	33.45 0.73 0.00	37.52 0.85 0.00	36.21 0.99 0.00	40.93 1.12 0.00	27.79 0.74 0.00	26.24 0.71 0.00	25.57 0.68 0.00
ALBANY___4 23574	20.87 -0.14 0.00	20.97 -0.12 0.00	20.37 -0.13 0.00	19.63 -0.13 0.00	22.47 -0.18 0.00	24.31 -0.22 0.00	23.41 -0.22 0.00	19.94 -0.12 0.00	16.97 -0.06 0.00	18.44 -0.07 0.00	15.04 -0.03 0.00	15.10 -0.02 0.00	17.57 -0.01 0.00	18.80 -0.02 0.00	19.03 0.00 0.00	20.10 0.10 0.00	28.80 0.62 0.00	33.45 0.73 0.00	37.52 0.85 0.00	36.21 0.99 0.00	40.93 1.12 0.00	27.79 0.74 0.00	26.24 0.71 0.00	25.57 0.68 0.00
ALBANY___LFGE 323615	21.07 0.06 0.00	21.17 0.07 0.00	20.55 0.05 0.00	19.81 0.05 0.00	22.69 0.04 0.00	24.54 0.01 0.00	23.64 0.00 0.00	20.12 0.06 0.00	17.12 0.09 0.00	18.59 0.08 0.00	15.16 0.08 0.00	15.22 0.10 0.00	17.71 0.13 0.00	18.96 0.13 0.00	19.19 0.16 0.00	20.28 0.28 0.00	28.97 0.79 0.00	33.65 0.93 0.00	37.74 1.07 0.00	36.43 1.21 0.00	41.18 1.36 0.00	27.94 0.89 0.00	26.37 0.84 0.00	25.70 0.82 0.00
ALCOA_PA_115KV_PL-6C 55860	21.66 0.65 0.00	21.75 0.65 0.00	21.17 0.66 0.00	20.38 0.62 0.00	23.37 0.73 0.00	25.31 0.78 0.00	24.40 0.77 0.00	20.67 0.61 0.00	17.44 0.41 0.00	18.96 0.45 0.00	15.42 0.34 0.00	15.43 0.31 0.00	17.91 0.33 0.00	19.18 0.35 0.00	19.39 0.36 0.00	20.38 0.38 0.00	28.77 0.59 0.00	33.42 0.70 0.00	37.49 0.82 0.00	36.17 0.96 0.00	41.02 1.21 0.00	28.04 0.99 0.00	26.34 0.81 0.00	25.73 0.84 0.00
ALCOA_RYNLDS___DRP 24188	21.66 0.65 0.00	21.75 0.65 0.00	21.17 0.66 0.00	20.38 0.62 0.00	23.37 0.73 0.00	25.31 0.78 0.00	24.40 0.77 0.00	20.67 0.61 0.00	17.44 0.41 0.00	18.96 0.45 0.00	15.42 0.34 0.00	15.43 0.31 0.00	17.91 0.33 0.00	19.18 0.35 0.00	19.39 0.36 0.00	20.38 0.38 0.00	28.77 0.59 0.00	33.42 0.70 0.00	37.49 0.82 0.00	36.17 0.96 0.00	41.02 1.21 0.00	28.04 0.99 0.00	26.34 0.81 0.00	25.73 0.84 0.00
ALCOA___DSASP 323711	21.66 0.65 0.00	21.75 0.65 0.00	21.17 0.66 0.00	20.38 0.62 0.00	23.37 0.73 0.00	25.31 0.78 0.00	24.40 0.77 0.00	20.67 0.61 0.00	17.44 0.41 0.00	18.96 0.45 0.00	15.42 0.34 0.00	15.43 0.31 0.00	17.91 0.33 0.00	19.18 0.35 0.00	19.39 0.36 0.00	20.38 0.38 0.00	28.78 0.59 0.00	33.42 0.70 0.00	37.49 0.82 0.00	36.17 0.95 0.00	41.02 1.21 0.00	28.04 0.99 0.00	26.34 0.81 0.00	25.72 0.84 0.00
ALLEGHENY___COGEN 23514	21.54 0.53 0.00	21.68 0.58 0.00	21.07 0.57 0.00	20.39 0.63 0.00	23.46 0.82 0.00	25.48 0.96 0.00	24.50 0.87 0.00	20.47 0.41 0.00	17.01 -0.03 0.00	18.30 -0.21 0.00	14.86 -0.21 0.00	14.87 -0.25 0.00	17.33 -0.24 0.00	18.61 -0.21 0.00	18.74 -0.28 0.00	19.72 -0.28 0.00	27.81 -0.38 0.00	32.21 -0.51 0.00	36.57 -0.10 0.00	36.20 0.98 0.00	41.11 1.29 0.00	27.96 0.91 0.00	26.26 0.74 0.00	25.65 0.76 0.00
ALTAMONT_115KV_TB 2 55880	21.14 0.12 0.00	21.23 0.13 0.00	20.61 0.11 0.00	19.88 0.12 0.00	22.76 0.11 0.00	24.63 0.10 0.00	23.73 0.09 0.00	20.18 0.12 0.00	17.17 0.13 0.00	18.65 0.14 0.00	15.21 0.13 0.00	15.27 0.15 0.00	17.75 0.17 0.00	19.00 0.18 0.00	19.23 0.21 0.00	20.25 0.25 0.00	28.66 0.48 0.00	33.30 0.57 0.00	37.36 0.69 0.00	36.04 0.83 0.00	40.73 0.92 0.00	27.66 0.61 0.00	26.12 0.60 0.00	25.45 0.56 0.00
ALTONA_WT_PWR 323606	21.53 0.52 0.00	21.62 0.52 0.00	21.05 0.55 0.00	20.26 0.50 0.00	23.19 0.54 0.00	25.15 0.62 0.00	24.28 0.65 0.00	20.61 0.55 0.00	17.46 0.43 0.00	18.96 0.46 0.00	15.42 0.35 0.00	15.44 0.32 0.00	17.92 0.34 0.00	19.19 0.37 0.00	19.41 0.38 0.00	20.43 0.44 0.00	28.89 0.71 0.00	33.65 0.93 0.00	37.76 1.08 0.00	36.46 1.24 0.00	41.30 1.48 0.00	28.14 1.09 0.00	26.42 0.90 0.00	25.78 0.89 0.00
AMERICAN_REF_FUEL 24010	20.37 -0.64 0.00	20.58 -0.52 0.00	20.04 -0.47 0.00	19.43 -0.33 0.00	22.37 -0.28 0.00	24.28 -0.25 0.00	23.26 -0.37 0.00	19.35 -0.71 0.00	16.33 -0.70 0.00	17.82 -0.69 0.00	14.50 -0.58 0.00	14.50 -0.62 0.00	16.86 -0.72 0.00	18.06 -0.77 0.00	18.16 -0.87 0.00	19.08 -0.92 0.00	26.66 -1.52 0.00	30.64 -2.08 0.00	34.52 -2.16 0.00	33.58 -1.63 0.00	37.85 -1.96 0.00	25.95 -1.10 0.00	24.39 -1.13 0.00	24.13 -0.75 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	20.78 -0.23 0.00	21.01 -0.09 0.00	20.48 -0.03 0.00	19.84 0.08 0.00	22.85 0.20 0.00	24.86 0.33 0.00	23.88 0.24 0.00	19.89 -0.17 0.00	16.82 -0.22 0.00	18.30 -0.20 0.00	14.87 -0.21 0.00	14.86 -0.25 0.00	17.32 -0.26 0.00	18.55 -0.27 0.00	18.62 -0.40 0.00	19.59 -0.41 0.00	27.48 -0.71 0.00	31.65 -1.07 0.00	35.70 -0.97 0.00	34.88 -0.34 0.00	38.95 -0.86 0.00	26.39 -0.66 0.00	24.87 -0.66 0.00	24.50 -0.38 0.00
ARTHUR KILL_GT_1 23520	21.60 0.59 0.00	21.66 0.56 0.00	21.05 0.54 0.00	20.29 0.53 0.00	23.13 0.48 0.00	25.11 0.59 0.00	24.23 0.60 0.00	20.76 0.70 0.00	17.77 0.74 0.00	19.34 0.83 0.00	15.79 0.71 0.00	15.89 0.77 0.00	18.51 0.93 0.00	19.83 1.01 0.00	20.13 1.10 0.00	21.20 1.20 0.00	29.86 1.68 0.00	34.58 1.86 0.00	38.57 1.90 0.00	36.87 1.65 0.00	41.58 1.76 0.00	28.33 1.28 0.00	26.79 1.26 0.00	26.09 1.21 0.00
ARTHUR_KILL_2 23512	21.54 0.53 0.00	21.60 0.50 0.00	21.00 0.49 0.00	20.23 0.48 0.00	23.07 0.42 0.00	25.05 0.52 0.00	24.16 0.53 0.00	20.71 0.65 0.00	17.73 0.70 0.00	19.29 0.78 0.00	15.75 0.67 0.00	15.86 0.74 0.00	18.47 0.89 0.00	19.79 0.96 0.00	20.08 1.05 0.00	21.14 1.14 0.00	29.76 1.57 0.00	34.43 1.71 0.00	38.43 1.76 0.00	36.73 1.51 0.00	41.44 1.63 0.00	28.25 1.20 0.00	26.71 1.18 0.00	26.02 1.13 0.00
ARTHUR_KILL_3 23513	21.47 0.45 0.00	21.49 0.39 0.00	20.84 0.34 0.00	20.10 0.34 0.00	22.95 0.30 0.00	24.88 0.36 0.00	23.99 0.36 0.00	20.55 0.49 0.00	17.64 0.61 0.00	19.20 0.69 0.00	15.68 0.60 0.00	15.78 0.66 0.00	18.39 0.81 0.00	19.70 0.88 0.00	19.96 0.93 0.00	21.03 1.03 0.00	29.58 1.39 0.00	34.17 1.44 0.00	38.11 1.43 0.00	36.53 1.31 0.00	41.21 1.39 0.00	28.06 1.01 0.00	26.56 1.03 0.00	25.88 0.99 0.00

ARTHUR_KILL_COGEN 323718	21.60 0.59 0.00	21.66 0.56 0.00	21.05 0.54 0.00	20.29 0.53 0.00	23.13 0.48 0.00	25.12 0.59 0.00	24.23 0.60 0.00	20.76 0.70 0.00	17.77 0.74 0.00	19.34 0.83 0.00	15.79 0.71 0.00	15.89 0.77 0.00	18.51 0.93 0.00	19.83 1.01 0.00	20.13 1.10 0.00	21.20 1.20 0.00	29.84 1.66 0.00	34.53 1.81 0.00	38.56 1.88 0.00	36.85 1.64 0.00	41.58 1.76 0.00	28.33 1.28 0.00	26.79 1.26 0.00	26.10 1.21 0.00
ASHOKAN____ 23654	21.33 0.32 0.00	21.37 0.27 0.00	20.71 0.21 0.00	19.94 0.18 0.00	22.84 0.19 0.00	24.72 0.20 0.00	23.83 0.20 0.00	20.35 0.29 0.00	17.34 0.30 0.00	18.82 0.32 0.00	15.34 0.27 0.00	15.41 0.29 0.00	17.92 0.34 0.00	19.21 0.39 0.00	19.44 0.41 0.00	20.50 0.50 0.00	29.04 0.86 0.00	33.77 1.05 0.00	38.03 1.36 0.00	36.72 1.50 0.00	41.47 1.66 0.00	28.11 1.06 0.00	26.48 0.96 0.00	25.74 0.85 0.00
ASTORIA_EAST_ENERGY_CC1 323581	21.49 0.47 0.00	21.47 0.37 0.00	20.82 0.31 0.00	20.06 0.30 0.00	22.90 0.25 0.00	24.89 0.37 0.00	24.01 0.37 0.00	20.60 0.54 0.00	17.63 0.60 0.00	19.20 0.69 0.00	15.69 0.61 0.00	15.79 0.66 0.00	18.38 0.80 0.00	19.64 0.82 0.00	19.94 0.91 0.00	21.13 0.98 -0.14	29.84 1.30 -0.36	35.25 1.42 -1.11	42.17 1.43 -4.07	37.77 1.31 -1.25	41.32 1.51 0.00	28.12 1.08 0.00	26.62 1.10 0.00	25.91 1.03 0.00
ASTORIA_EAST_ENERGY_CC2 323582	21.50 0.48 0.00	21.49 0.39 0.00	20.83 0.33 0.00	20.08 0.32 0.00	22.92 0.27 0.00	24.92 0.39 0.00	24.03 0.40 0.00	20.62 0.56 0.00	17.64 0.61 0.00	19.21 0.70 0.00	15.69 0.61 0.00	15.79 0.67 0.00	18.39 0.81 0.00	19.65 0.83 0.00	19.96 0.93 0.00	21.14 1.00 -0.14	29.87 1.33 -0.35	35.26 1.45 -1.09	42.14 1.47 -4.00	37.78 1.34 -1.22	41.34 1.53 0.00	28.14 1.09 0.00	26.64 1.11 0.00	25.94 1.05 0.00
ASTORIA_GT2_1 24094	21.49 0.48 0.00	21.48 0.38 0.00	20.82 0.32 0.00	20.07 0.31 0.00	22.91 0.26 0.00	24.91 0.38 0.00	24.02 0.39 0.00	20.59 0.54 0.00	17.64 0.61 0.00	19.21 0.70 0.00	15.69 0.61 0.00	15.79 0.67 0.00	18.39 0.81 0.00	19.65 0.83 0.00	19.94 0.91 0.00	21.14 1.00 -0.14	29.94 1.40 -0.36	35.43 1.60 -1.11	42.26 1.52 -4.07	37.82 1.35 -1.25	41.34 1.53 0.00	28.14 1.09 0.00	26.64 1.11 0.00	25.93 1.04 0.00
ASTORIA_GT2_2 24095	21.49 0.48 0.00	21.48 0.38 0.00	20.82 0.32 0.00	20.07 0.31 0.00	22.91 0.26 0.00	24.91 0.38 0.00	24.02 0.39 0.00	20.59 0.54 0.00	17.64 0.61 0.00	19.21 0.70 0.00	15.69 0.61 0.00	15.79 0.67 0.00	18.39 0.81 0.00	19.65 0.83 0.00	19.94 0.91 0.00	21.14 1.00 -0.14	29.94 1.40 -0.36	35.43 1.60 -1.11	42.26 1.52 -4.07	37.82 1.35 -1.25	41.34 1.53 0.00	28.14 1.09 0.00	26.64 1.11 0.00	25.93 1.04 0.00
ASTORIA_GT2_3 24096	21.49 0.48 0.00	21.48 0.38 0.00	20.82 0.32 0.00	20.07 0.31 0.00	22.91 0.26 0.00	24.91 0.38 0.00	24.02 0.39 0.00	20.59 0.54 0.00	17.64 0.61 0.00	19.21 0.70 0.00	15.69 0.61 0.00	15.79 0.67 0.00	18.39 0.81 0.00	19.65 0.83 0.00	19.94 0.91 0.00	21.14 1.00 -0.14	29.94 1.40 -0.36	35.43 1.60 -1.11	42.26 1.52 -4.07	37.82 1.35 -1.25	41.34 1.53 0.00	28.14 1.09 0.00	26.64 1.11 0.00	25.93 1.04 0.00
ASTORIA_GT2_4 24097	21.49 0.48 0.00	21.48 0.38 0.00	20.82 0.32 0.00	20.07 0.31 0.00	22.91 0.26 0.00	24.91 0.38 0.00	24.02 0.39 0.00	20.59 0.54 0.00	17.64 0.61 0.00	19.21 0.70 0.00	15.69 0.61 0.00	15.79 0.67 0.00	18.39 0.81 0.00	19.65 0.83 0.00	19.94 0.91 0.00	21.14 1.00 -0.14	29.94 1.40 -0.36	35.43 1.60 -1.11	42.26 1.52 -4.07	37.82 1.35 -1.25	41.34 1.53 0.00	28.14 1.09 0.00	26.64 1.11 0.00	25.93 1.04 0.00
ASTORIA_GT3_1 24098	21.51 0.49 0.00	21.50 0.40 0.00	20.84 0.34 0.00	20.09 0.33 0.00	22.93 0.28 0.00	24.93 0.41 0.00	24.05 0.41 0.00	20.62 0.56 0.00	17.65 0.62 0.00	19.21 0.70 0.00	15.70 0.62 0.00	15.79 0.68 0.00	18.40 0.82 0.00	19.66 0.84 0.00	19.95 0.92 0.00	21.16 1.01 -0.14	29.95 1.42 -0.35	35.45 1.64 -1.09	42.23 1.55 -4.00	37.82 1.38 -1.22	41.36 1.55 0.00	28.15 1.11 0.00	26.66 1.13 0.00	25.94 1.06 0.00
ASTORIA_GT3_2 24099	21.51 0.49 0.00	21.50 0.40 0.00	20.84 0.34 0.00	20.09 0.33 0.00	22.93 0.28 0.00	24.93 0.41 0.00	24.05 0.41 0.00	20.62 0.56 0.00	17.65 0.62 0.00	19.21 0.70 0.00	15.70 0.62 0.00	15.79 0.68 0.00	18.40 0.82 0.00	19.66 0.84 0.00	19.95 0.92 0.00	21.16 1.01 -0.14	29.95 1.42 -0.35	35.45 1.64 -1.09	42.23 1.55 -4.00	37.82 1.38 -1.22	41.36 1.55 0.00	28.15 1.11 0.00	26.66 1.13 0.00	25.94 1.06 0.00
ASTORIA_GT3_3 24100	21.51 0.49 0.00	21.50 0.40 0.00	20.84 0.34 0.00	20.09 0.33 0.00	22.93 0.28 0.00	24.93 0.41 0.00	24.05 0.41 0.00	20.62 0.56 0.00	17.65 0.62 0.00	19.21 0.70 0.00	15.70 0.62 0.00	15.79 0.68 0.00	18.40 0.82 0.00	19.66 0.84 0.00	19.95 0.92 0.00	21.16 1.01 -0.14	29.95 1.42 -0.35	35.45 1.64 -1.09	42.23 1.55 -4.00	37.82 1.38 -1.22	41.36 1.55 0.00	28.15 1.11 0.00	26.66 1.13 0.00	25.94 1.06 0.00
ASTORIA_GT3_4 24101	21.51 0.49 0.00	21.50 0.40 0.00	20.84 0.34 0.00	20.09 0.33 0.00	22.93 0.28 0.00	24.93 0.41 0.00	24.05 0.41 0.00	20.62 0.56 0.00	17.65 0.62 0.00	19.21 0.70 0.00	15.70 0.62 0.00	15.79 0.68 0.00	18.40 0.82 0.00	19.66 0.84 0.00	19.95 0.92 0.00	21.16 1.01 -0.14	29.95 1.42 -0.35	35.45 1.64 -1.09	42.23 1.55 -4.00	37.82 1.38 -1.22	41.36 1.55 0.00	28.15 1.11 0.00	26.66 1.13 0.00	25.94 1.06 0.00
ASTORIA_GT4_1 24102	21.51 0.49 0.00	21.50 0.40 0.00	20.84 0.34 0.00	20.09 0.33 0.00	22.93 0.28 0.00	24.93 0.41 0.00	24.05 0.41 0.00	20.62 0.56 0.00	17.65 0.62 0.00	19.21 0.70 0.00	15.70 0.62 0.00	15.79 0.68 0.00	18.40 0.82 0.00	19.66 0.84 0.00	19.95 0.92 0.00	21.16 1.01 -0.14	29.95 1.42 -0.35	35.45 1.64 -1.09	42.23 1.55 -4.00	37.82 1.38 -1.22	41.36 1.55 0.00	28.15 1.11 0.00	26.66 1.13 0.00	25.94 1.06 0.00
ASTORIA_GT4_2 24103	21.51 0.49 0.00	21.50 0.40 0.00	20.84 0.34 0.00	20.09 0.33 0.00	22.93 0.28 0.00	24.93 0.41 0.00	24.05 0.41 0.00	20.62 0.56 0.00	17.65 0.62 0.00	19.21 0.70 0.00	15.70 0.62 0.00	15.79 0.68 0.00	18.40 0.82 0.00	19.66 0.84 0.00	19.95 0.92 0.00	21.16 1.01 -0.14	29.95 1.42 -0.35	35.45 1.64 -1.09	42.23 1.55 -4.00	37.82 1.38 -1.22	41.36 1.55 0.00	28.15 1.11 0.00	26.66 1.13 0.00	25.94 1.06 0.00
ASTORIA_GT4_3 24104	21.51 0.49 0.00	21.50 0.40 0.00	20.84 0.34 0.00	20.09 0.33 0.00	22.93 0.28 0.00	24.93 0.41 0.00	24.05 0.41 0.00	20.62 0.56 0.00	17.65 0.62 0.00	19.21 0.70 0.00	15.70 0.62 0.00	15.79 0.68 0.00	18.40 0.82 0.00	19.66 0.84 0.00	19.95 0.92 0.00	21.16 1.01 -0.14	29.95 1.42 -0.35	35.45 1.64 -1.09	42.23 1.55 -4.00	37.82 1.38 -1.22	41.36 1.55 0.00	28.15 1.11 0.00	26.66 1.13 0.00	25.94 1.06 0.00

ASTORIA_GT4_4 24105	21.51 0.49 0.00	21.50 0.40 0.00	20.84 0.34 0.00	20.09 0.33 0.00	22.93 0.28 0.00	24.93 0.41 0.00	24.05 0.41 0.00	20.62 0.56 0.00	17.65 0.62 0.00	19.21 0.70 0.00	15.70 0.62 0.00	15.79 0.68 0.00	18.40 0.82 0.00	19.66 0.84 0.00	19.95 0.92 0.00	21.16 1.01 -0.14	29.95 1.42 -0.35	35.45 1.64 -1.09	42.23 1.55 -4.00	37.82 1.38 -1.22	41.36 1.55 0.00	28.15 1.11 0.00	26.66 1.13 0.00	25.94 1.06 0.00
ASTORIA_GT_1 23523	21.53 0.52 0.00	21.52 0.42 0.00	20.86 0.36 0.00	20.10 0.34 0.00	22.95 0.30 0.00	24.95 0.43 0.00	24.06 0.43 0.00	20.63 0.58 0.00	17.67 0.64 0.00	19.24 0.73 0.00	15.72 0.64 0.00	15.82 0.70 0.00	18.42 0.85 0.00	19.69 0.87 0.00	19.98 0.95 0.00	21.18 1.04 -0.14	30.00 1.47 -0.35	35.50 1.68 -1.10	42.32 1.61 -4.05	37.88 1.43 -1.24	41.42 1.61 0.00	28.20 1.15 0.00	26.69 1.16 0.00	25.98 1.09 0.00
ASTORIA_GT_10 24110	21.55 0.54 0.00	21.56 0.46 0.00	20.92 0.42 0.00	20.16 0.40 0.00	22.99 0.34 0.00	24.94 0.42 0.00	24.06 0.43 0.00	20.66 0.60 0.00	17.72 0.68 0.00	19.29 0.78 0.00	15.77 0.69 0.00	15.86 0.74 0.00	18.48 0.90 0.00	19.78 0.95 0.00	20.06 1.03 0.00	21.11 1.11 0.00	29.68 1.49 0.00	34.37 1.65 0.00	38.28 1.61 0.00	36.65 1.43 0.00	41.34 1.53 0.00	28.17 1.12 0.00	26.67 1.14 0.00	25.96 1.07 0.00
ASTORIA_GT_11 24225	21.55 0.54 0.00	21.56 0.46 0.00	20.92 0.42 0.00	20.16 0.40 0.00	22.99 0.34 0.00	24.94 0.42 0.00	24.06 0.43 0.00	20.66 0.60 0.00	17.72 0.68 0.00	19.29 0.78 0.00	15.77 0.69 0.00	15.86 0.74 0.00	18.48 0.90 0.00	19.78 0.95 0.00	20.06 1.03 0.00	21.11 1.11 0.00	29.68 1.49 0.00	34.37 1.65 0.00	38.28 1.61 0.00	36.65 1.43 0.00	41.34 1.53 0.00	28.17 1.12 0.00	26.67 1.14 0.00	25.96 1.07 0.00
ASTORIA_GT_12 24226	21.55 0.54 0.00	21.56 0.46 0.00	20.92 0.42 0.00	20.16 0.40 0.00	22.99 0.34 0.00	24.94 0.42 0.00	24.06 0.43 0.00	20.66 0.60 0.00	17.72 0.68 0.00	19.29 0.78 0.00	15.77 0.69 0.00	15.86 0.74 0.00	18.48 0.90 0.00	19.78 0.95 0.00	20.06 1.03 0.00	21.11 1.11 0.00	29.68 1.49 0.00	34.37 1.65 0.00	38.28 1.61 0.00	36.65 1.43 0.00	41.34 1.53 0.00	28.17 1.12 0.00	26.67 1.14 0.00	25.96 1.07 0.00
ASTORIA_GT_13 24227	21.55 0.54 0.00	21.56 0.46 0.00	20.92 0.42 0.00	20.16 0.40 0.00	22.99 0.34 0.00	24.94 0.42 0.00	24.06 0.43 0.00	20.66 0.60 0.00	17.72 0.68 0.00	19.29 0.78 0.00	15.77 0.69 0.00	15.86 0.74 0.00	18.48 0.90 0.00	19.78 0.95 0.00	20.06 1.03 0.00	21.11 1.11 0.00	29.68 1.49 0.00	34.37 1.65 0.00	38.28 1.61 0.00	36.65 1.43 0.00	41.34 1.53 0.00	28.17 1.12 0.00	26.67 1.14 0.00	25.96 1.07 0.00
ASTORIA_GT_5 24106	21.53 0.52 0.00	21.52 0.42 0.00	20.86 0.36 0.00	20.10 0.34 0.00	22.95 0.30 0.00	24.95 0.43 0.00	24.06 0.43 0.00	20.63 0.58 0.00	17.67 0.64 0.00	19.24 0.73 0.00	15.72 0.64 0.00	15.82 0.70 0.00	18.42 0.85 0.00	19.69 0.87 0.00	19.98 0.95 0.00	21.18 1.04 -0.14	30.00 1.47 -0.35	35.50 1.68 -1.10	42.32 1.61 -4.05	37.88 1.43 -1.24	41.42 1.61 0.00	28.20 1.15 0.00	26.69 1.16 0.00	25.98 1.09 0.00
ASTORIA_GT_7 24107	21.53 0.52 0.00	21.52 0.42 0.00	20.86 0.36 0.00	20.10 0.34 0.00	22.95 0.30 0.00	24.95 0.43 0.00	24.06 0.43 0.00	20.63 0.58 0.00	17.67 0.64 0.00	19.24 0.73 0.00	15.72 0.64 0.00	15.82 0.70 0.00	18.42 0.85 0.00	19.69 0.87 0.00	19.98 0.95 0.00	21.18 1.04 -0.14	30.00 1.47 -0.35	35.50 1.68 -1.10	42.32 1.61 -4.05	37.88 1.43 -1.24	41.42 1.61 0.00	28.20 1.15 0.00	26.69 1.16 0.00	25.98 1.09 0.00
ASTORIA_GT_8 24108	21.53 0.52 0.00	21.52 0.42 0.00	20.86 0.36 0.00	20.10 0.34 0.00	22.95 0.30 0.00	24.95 0.43 0.00	24.06 0.43 0.00	20.63 0.58 0.00	17.67 0.64 0.00	19.24 0.73 0.00	15.72 0.64 0.00	15.82 0.70 0.00	18.42 0.85 0.00	19.69 0.87 0.00	19.98 0.95 0.00	21.18 1.04 -0.14	30.00 1.47 -0.35	35.50 1.68 -1.10	42.32 1.61 -4.05	37.88 1.43 -1.24	41.42 1.61 0.00	28.20 1.15 0.00	26.69 1.16 0.00	25.98 1.09 0.00
ASTORIA___2 24149	21.51 0.49 0.00	21.50 0.40 0.00	20.84 0.34 0.00	20.09 0.33 0.00	22.93 0.28 0.00	24.93 0.41 0.00	24.05 0.41 0.00	20.63 0.57 0.00	17.65 0.62 0.00	19.21 0.71 0.00	15.70 0.62 0.00	15.80 0.68 0.00	18.40 0.82 0.00	19.66 0.84 0.00	19.97 0.94 0.00	21.15 1.01 -0.14	29.88 1.34 -0.35	35.28 1.47 -1.09	42.16 1.49 -4.00	37.79 1.35 -1.22	41.36 1.55 0.00	28.15 1.11 0.00	26.66 1.13 0.00	25.94 1.06 0.00
ASTORIA___3 23516	21.55 0.54 0.00	21.56 0.46 0.00	20.92 0.42 0.00	20.16 0.40 0.00	22.99 0.34 0.00	24.94 0.42 0.00	24.06 0.43 0.00	20.67 0.61 0.00	17.72 0.68 0.00	19.29 0.78 0.00	15.77 0.69 0.00	15.86 0.74 0.00	18.47 0.90 0.00	19.78 0.95 0.00	20.06 1.03 0.00	21.11 1.11 0.00	29.65 1.47 0.00	34.31 1.58 0.00	38.26 1.59 0.00	36.64 1.42 0.00	41.35 1.54 0.00	28.17 1.12 0.00	26.67 1.14 0.00	25.95 1.07 0.00
ASTORIA___4 23517	21.55 0.54 0.00	21.56 0.46 0.00	20.92 0.42 0.00	20.16 0.40 0.00	22.99 0.34 0.00	24.94 0.42 0.00	24.06 0.43 0.00	20.66 0.60 0.00	17.72 0.68 0.00	19.29 0.78 0.00	15.77 0.69 0.00	15.86 0.74 0.00	18.48 0.90 0.00	19.78 0.95 0.00	20.06 1.03 0.00	21.11 1.11 0.00	29.68 1.49 0.00	34.37 1.65 0.00	38.28 1.61 0.00	36.65 1.43 0.00	41.34 1.53 0.00	28.17 1.12 0.00	26.67 1.14 0.00	25.96 1.07 0.00
ASTORIA___5 23518	21.55 0.54 0.00	21.56 0.46 0.00	20.92 0.42 0.00	20.16 0.40 0.00	22.99 0.34 0.00	24.94 0.42 0.00	24.06 0.43 0.00	20.67 0.61 0.00	17.72 0.68 0.00	19.29 0.78 0.00	15.77 0.69 0.00	15.86 0.75 0.00	18.47 0.90 0.00	19.78 0.95 0.00	20.07 1.04 0.00	21.11 1.11 0.00	29.65 1.47 0.00	34.31 1.58 0.00	38.26 1.59 0.00	36.64 1.42 0.00	41.35 1.54 0.00	28.17 1.12 0.00	26.67 1.14 0.00	25.95 1.07 0.00
AST_ENERGY_2_CC3 323677	21.48 0.46 0.00	21.50 0.40 0.00	20.87 0.37 0.00	20.15 0.39 0.00	23.03 0.38 0.00	24.96 0.44 0.00	24.07 0.43 0.00	20.61 0.55 0.00	17.70 0.66 0.00	19.26 0.75 0.00	15.73 0.65 0.00	15.83 0.71 0.00	18.44 0.86 0.00	19.73 0.91 0.00	19.99 0.96 0.00	21.04 1.04 0.00	29.59 1.41 0.00	34.19 1.47 0.00	38.14 1.46 0.00	36.57 1.35 0.00	41.26 1.45 0.00	28.09 1.04 0.00	26.59 1.06 0.00	25.90 1.02 0.00
AST_ENERGY_2_CC4 323678	21.48 0.46 0.00	21.50 0.40 0.00	20.87 0.37 0.00	20.15 0.39 0.00	23.03 0.38 0.00	24.96 0.44 0.00	24.07 0.43 0.00	20.61 0.55 0.00	17.70 0.66 0.00	19.26 0.75 0.00	15.73 0.65 0.00	15.83 0.71 0.00	18.44 0.86 0.00	19.73 0.91 0.00	19.99 0.96 0.00	21.04 1.04 0.00	29.59 1.41 0.00	34.19 1.47 0.00	38.14 1.46 0.00	36.57 1.35 0.00	41.26 1.45 0.00	28.09 1.04 0.00	26.59 1.06 0.00	25.90 1.02 0.00

ATHENS_STG_1 23668	21.23 0.22 0.00	21.30 0.20 0.00	20.67 0.16 0.00	19.92 0.16 0.00	22.81 0.16 0.00	24.69 0.17 0.00	23.79 0.15 0.00	20.27 0.22 0.00	17.29 0.26 0.00	18.81 0.30 0.00	15.35 0.28 0.00	15.42 0.30 0.00	17.94 0.36 0.00	19.21 0.38 0.00	19.44 0.40 0.00	20.44 0.44 0.00	28.84 0.65 0.00	33.45 0.72 0.00	37.46 0.78 0.00	36.07 0.85 0.00	40.75 0.94 0.00	27.69 0.64 0.00	26.15 0.63 0.00	25.49 0.60 0.00
ATHENS_STG_2 23670	21.23 0.22 0.00	21.30 0.20 0.00	20.67 0.16 0.00	19.92 0.16 0.00	22.81 0.16 0.00	24.69 0.17 0.00	23.79 0.15 0.00	20.27 0.22 0.00	17.29 0.26 0.00	18.81 0.30 0.00	15.35 0.28 0.00	15.42 0.30 0.00	17.94 0.36 0.00	19.21 0.38 0.00	19.44 0.40 0.00	20.44 0.44 0.00	28.84 0.65 0.00	33.45 0.72 0.00	37.46 0.78 0.00	36.07 0.85 0.00	40.75 0.94 0.00	27.69 0.64 0.00	26.15 0.63 0.00	25.49 0.60 0.00
ATHENS_STG_3 23677	21.23 0.22 0.00	21.30 0.20 0.00	20.67 0.16 0.00	19.92 0.16 0.00	22.81 0.16 0.00	24.69 0.17 0.00	23.79 0.15 0.00	20.27 0.22 0.00	17.29 0.26 0.00	18.81 0.30 0.00	15.35 0.28 0.00	15.42 0.30 0.00	17.94 0.36 0.00	19.21 0.38 0.00	19.44 0.40 0.00	20.44 0.44 0.00	28.84 0.65 0.00	33.45 0.72 0.00	37.46 0.78 0.00	36.07 0.85 0.00	40.75 0.94 0.00	27.69 0.64 0.00	26.15 0.63 0.00	25.49 0.60 0.00
AUBURN___LFGE 323710	20.95 -0.06 0.00	21.08 -0.02 0.00	20.47 -0.03 0.00	19.68 -0.07 0.00	22.58 -0.07 0.00	24.54 0.01 0.00	23.59 -0.05 0.00	19.99 -0.07 0.00	16.92 -0.11 0.00	18.25 -0.26 0.00	14.82 -0.25 0.00	14.90 -0.22 0.00	17.32 -0.26 0.00	18.56 -0.26 0.00	18.72 -0.31 0.00	19.68 -0.32 0.00	27.70 -0.49 0.00	32.31 -0.41 0.00	36.32 -0.35 0.00	35.30 0.08 0.00	39.90 0.09 0.00	27.11 0.06 0.00	25.52 -0.01 0.00	24.88 0.00 0.00
BABYLON_RES_REC 323704	21.64 0.63 0.00	21.59 0.49 0.00	20.91 0.41 0.00	20.11 0.36 0.00	22.94 0.29 0.00	24.85 0.32 0.00	23.95 0.31 0.00	20.54 0.48 0.00	17.86 0.83 0.00	19.36 0.85 0.00	15.93 0.85 0.00	17.54 0.93 -1.49	19.88 1.10 -1.20	21.85 1.14 -1.89	26.26 1.18 -6.05	34.64 1.33 -13.31	43.27 1.80 -13.28	52.33 1.90 -17.71	43.69 2.02 -4.99	42.78 1.84 -5.73	46.31 2.00 -4.50	34.29 1.44 -5.80	33.49 1.48 -6.49	33.19 1.51 -6.80
BALL_HILL_WT_PWR 323825	20.64 -0.37 0.00	20.86 -0.24 0.00	20.30 -0.21 0.00	19.67 -0.09 0.00	22.65 0.01 0.00	24.62 0.10 0.00	23.64 0.01 0.00	19.69 -0.37 0.00	16.65 -0.39 0.00	18.13 -0.38 0.00	14.74 -0.34 0.00	14.74 -0.38 0.00	17.15 -0.42 0.00	18.38 -0.45 0.00	18.47 -0.55 0.00	19.43 -0.57 0.00	27.28 -0.90 0.00	31.43 -1.30 0.00	35.41 -1.26 0.00	34.52 -0.70 0.00	38.76 -1.05 0.00	26.42 -0.63 0.00	24.87 -0.66 0.00	24.46 -0.43 0.00
BARON_WINDS___WT_PWR 323822	20.53 -0.48 0.00	20.73 -0.37 0.00	20.18 -0.33 0.00	19.53 -0.23 0.00	22.48 -0.17 0.00	24.48 -0.05 0.00	23.54 -0.10 0.00	19.66 -0.40 0.00	16.54 -0.49 0.00	17.91 -0.59 0.00	14.56 -0.52 0.00	14.55 -0.56 0.00	16.97 -0.61 0.00	18.18 -0.64 0.00	18.31 -0.71 0.00	19.27 -0.73 0.00	27.15 -1.04 0.00	31.39 -1.33 0.00	35.56 -1.12 0.00	34.77 -0.45 0.00	39.15 -0.66 0.00	26.61 -0.44 0.00	25.08 -0.44 0.00	24.54 -0.34 0.00
BARRETT_IC_1 23704	21.52 0.50 0.00	21.48 0.38 0.00	20.82 0.31 0.00	20.06 0.30 0.00	22.91 0.26 0.00	24.82 0.29 0.00	23.90 0.27 0.00	20.47 0.41 0.00	17.72 0.68 0.00	19.27 0.75 -0.01	37.08 0.80 -21.20	36.90 0.88 -20.90	30.50 1.05 -11.87	42.29 1.07 -22.39	78.14 1.06 -58.06	89.63 1.11 -68.51	91.58 1.47 -61.92	105.70 1.49 -71.49	129.00 1.60 -90.73	126.05 1.53 -89.31	87.97 1.65 -46.51	87.67 1.27 -59.35	92.17 1.32 -65.33	93.02 1.35 -66.78
BARRETT_IC_10 23701	21.52 0.50 0.00	21.48 0.38 0.00	20.82 0.31 0.00	20.06 0.30 0.00	22.91 0.26 0.00	24.82 0.29 0.00	23.90 0.27 0.00	20.47 0.41 0.00	17.72 0.68 0.00	19.27 0.75 -0.01	37.08 0.80 -21.20	36.90 0.88 -20.90	30.50 1.05 -11.87	38.91 1.07 -19.01	45.42 1.06 -25.33	43.05 1.11 -21.94	40.36 1.47 -10.70	17.08 1.49 17.13	-115.01 1.60 153.28	9.82 1.53 26.93	57.50 1.65 -16.04	58.39 1.27 -30.07	71.22 1.32 -44.37	93.02 1.35 -66.78
BARRETT_IC_11 23702	21.52 0.50 0.00	21.48 0.38 0.00	20.82 0.31 0.00	20.06 0.30 0.00	22.91 0.26 0.00	24.82 0.29 0.00	23.90 0.27 0.00	20.47 0.41 0.00	17.72 0.68 0.00	19.27 0.75 -0.01	37.08 0.80 -21.20	36.90 0.88 -20.90	30.50 1.05 -11.87	38.91 1.07 -19.01	45.42 1.06 -25.33	43.05 1.11 -21.94	40.36 1.47 -10.70	17.08 1.49 17.13	-115.01 1.60 153.28	9.82 1.53 26.93	57.50 1.65 -16.04	58.39 1.27 -30.07	71.22 1.32 -44.37	93.02 1.35 -66.78
BARRETT_IC_12 23703	21.52 0.50 0.00	21.48 0.38 0.00	20.82 0.31 0.00	20.06 0.30 0.00	22.91 0.26 0.00	24.82 0.29 0.00	23.90 0.27 0.00	20.47 0.41 0.00	17.72 0.68 0.00	19.27 0.75 -0.01	37.08 0.80 -21.20	36.90 0.88 -20.90	30.50 1.05 -11.87	38.91 1.07 -19.01	45.42 1.06 -25.33	43.05 1.11 -21.94	40.36 1.47 -10.70	17.08 1.49 17.13	-115.01 1.60 153.28	9.82 1.53 26.93	57.50 1.65 -16.04	58.39 1.27 -30.07	71.22 1.32 -44.37	93.02 1.35 -66.78
BARRETT_IC_2 23705	21.52 0.50 0.00	21.48 0.38 0.00	20.82 0.31 0.00	20.06 0.30 0.00	22.91 0.26 0.00	24.82 0.29 0.00	23.90 0.27 0.00	20.47 0.41 0.00	17.72 0.68 0.00	19.27 0.75 -0.01	37.08 0.80 -21.20	36.90 0.88 -20.90	30.50 1.05 -11.87	42.29 1.07 -22.39	78.14 1.06 -58.06	89.63 1.11 -68.51	91.58 1.47 -61.92	105.70 1.49 -71.49	129.00 1.60 -90.73	126.05 1.53 -89.31	87.97 1.65 -46.51	87.67 1.27 -59.35	92.17 1.32 -65.33	93.02 1.35 -66.78
BARRETT_IC_3 23706	21.52 0.50 0.00	21.48 0.38 0.00	20.82 0.31 0.00	20.06 0.30 0.00	22.91 0.26 0.00	24.82 0.29 0.00	23.90 0.27 0.00	20.47 0.41 0.00	17.72 0.68 0.00	19.27 0.75 -0.01	37.08 0.80 -21.20	36.90 0.88 -20.90	30.50 1.05 -11.87	42.29 1.07 -22.39	78.14 1.06 -58.06	89.63 1.11 -68.51	91.58 1.47 -61.92	105.70 1.49 -71.49	129.00 1.60 -90.73	126.05 1.53 -89.31	87.97 1.65 -46.51	87.67 1.27 -59.35	92.17 1.32 -65.33	93.02 1.35 -66.78
BARRETT_IC_4 23707	21.52 0.50 0.00	21.48 0.38 0.00	20.82 0.31 0.00	20.06 0.30 0.00	22.91 0.26 0.00	24.82 0.29 0.00	23.90 0.27 0.00	20.47 0.41 0.00	17.72 0.68 0.00	19.27 0.75 -0.01	37.08 0.80 -21.20	36.90 0.88 -20.90	30.50 1.05 -11.87	42.29 1.07 -22.39	78.14 1.06 -58.06	89.63 1.11 -68.51	91.58 1.47 -61.92	105.70 1.49 -71.49	129.00 1.60 -90.73	126.05 1.53 -89.31	87.97 1.65 -46.51	87.67 1.27 -59.35	92.17 1.32 -65.33	93.02 1.35 -66.78
BARRETT_IC_5 23708	21.52 0.50 0.00	21.48 0.38 0.00	20.82 0.31 0.00	20.06 0.30 0.00	22.91 0.26 0.00	24.82 0.29 0.00	23.90 0.27 0.00	20.47 0.41 0.00	17.72 0.68 0.00	19.27 0.75 -0.01	37.08 0.80 -21.20	36.90 0.88 -20.90	30.50 1.05 -11.87	42.29 1.07 -22.39	78.14 1.06 -58.06	89.63 1.11 -68.51	91.58 1.47 -61.92	105.70 1.49 -71.49	129.00 1.60 -90.73	126.05 1.53 -89.31	87.97 1.65 -46.51	87.67 1.27 -59.35	92.17 1.32 -65.33	93.02 1.35 -66.78

BARRETT_IC_6 23709	21.52 0.50 0.00	21.48 0.38 0.00	20.82 0.31 0.00	20.06 0.30 0.00	22.91 0.26 0.00	24.82 0.29 0.00	23.90 0.27 0.00	20.47 0.41 0.00	17.72 0.68 0.00	19.27 0.75 -0.01	37.08 0.80 -21.20	36.90 0.88 -20.90	30.50 1.05 -11.87	42.29 1.07 -22.39	78.14 1.06 -58.06	89.63 1.11 -68.51	91.58 1.47 -61.92	105.70 1.49 -71.49	129.00 1.60 -90.73	126.05 1.53 -89.31	87.97 1.65 -46.51	87.67 1.27 -59.35	92.17 1.32 -65.33	93.02 1.35 -66.78
BARRETT_IC_7 23710	21.52 0.50 0.00	21.48 0.38 0.00	20.82 0.31 0.00	20.06 0.30 0.00	22.91 0.26 0.00	24.82 0.29 0.00	23.90 0.27 0.00	20.46 0.40 0.00	17.72 0.68 0.00	19.27 0.75 -0.01	37.08 0.80 -21.20	36.90 0.88 -20.90	30.50 1.05 -11.87	42.29 1.07 -22.39	78.14 1.06 -58.06	89.64 1.12 -68.51	91.62 1.51 -61.92	105.76 1.55 -71.49	129.05 1.64 -90.73	126.06 1.54 -89.31	87.97 1.65 -46.51	87.67 1.27 -59.35	92.17 1.32 -65.33	93.02 1.36 -66.78
BARRETT_IC_8 23711	21.52 0.50 0.00	21.48 0.38 0.00	20.82 0.31 0.00	20.06 0.30 0.00	22.91 0.26 0.00	24.82 0.29 0.00	23.90 0.27 0.00	20.47 0.41 0.00	17.72 0.68 0.00	19.27 0.75 -0.01	37.08 0.80 -21.20	36.90 0.88 -20.90	30.50 1.05 -11.87	42.29 1.07 -22.39	78.14 1.06 -58.06	89.63 1.11 -68.51	91.58 1.47 -61.92	105.70 1.49 -71.49	129.00 1.60 -90.73	126.05 1.53 -89.31	87.97 1.65 -46.51	87.67 1.27 -59.35	92.17 1.32 -65.33	93.02 1.35 -66.78
BARRETT_IC_9 23700	21.52 0.50 0.00	21.48 0.38 0.00	20.82 0.31 0.00	20.06 0.30 0.00	22.91 0.26 0.00	24.82 0.29 0.00	23.90 0.27 0.00	20.47 0.41 0.00	17.72 0.68 0.00	19.27 0.75 -0.01	37.08 0.80 -21.20	36.90 0.88 -20.90	30.50 1.05 -11.87	38.91 1.07 -19.01	45.42 1.06 -25.33	43.05 1.11 -21.94	40.36 1.47 -10.70	17.08 1.49 17.13	-115.01 1.60 153.28	9.82 1.53 26.93	57.50 1.65 -16.04	58.39 1.27 -30.07	71.22 1.32 -44.37	93.02 1.35 -66.78
BARRETT___1 23545	21.52 0.50 0.00	21.48 0.38 0.00	20.82 0.31 0.00	20.06 0.30 0.00	22.91 0.26 0.00	24.82 0.29 0.00	23.90 0.27 0.00	20.47 0.41 0.00	17.72 0.68 0.00	19.27 0.75 -0.01	37.08 0.80 -21.20	36.90 0.88 -20.90	30.50 1.05 -11.87	42.29 1.07 -22.39	78.14 1.06 -58.06	89.63 1.11 -68.51	91.58 1.47 -61.92	105.70 1.49 -71.49	129.00 1.60 -90.73	126.05 1.53 -89.31	87.97 1.65 -46.51	87.67 1.27 -59.35	92.17 1.32 -65.33	93.02 1.35 -66.78
BARRETT___2 23546	21.52 0.50 0.00	21.48 0.38 0.00	20.82 0.31 0.00	20.06 0.30 0.00	22.91 0.26 0.00	24.82 0.29 0.00	23.90 0.27 0.00	20.47 0.41 0.00	17.72 0.68 0.00	19.27 0.75 -0.01	37.08 0.80 -21.20	36.90 0.88 -20.90	30.50 1.05 -11.87	38.91 1.07 -19.01	45.42 1.06 -25.33	43.05 1.11 -21.94	40.36 1.47 -10.70	17.08 1.49 17.13	-115.01 1.60 153.28	9.82 1.53 26.93	57.50 1.65 -16.04	58.39 1.27 -30.07	71.22 1.32 -44.37	93.02 1.35 -66.78
BATAVIA__115KV_TB1 55881	21.08 0.07 0.00	21.25 0.15 0.00	20.67 0.16 0.00	20.01 0.24 0.00	23.03 0.38 0.00	24.99 0.47 0.00	23.98 0.35 0.00	20.02 -0.04 0.00	16.80 -0.23 0.00	18.19 -0.31 0.00	14.75 -0.33 0.00	14.75 -0.37 0.00	17.21 -0.37 0.00	18.45 -0.38 0.00	18.58 -0.45 0.00	19.60 -0.40 0.00	27.48 -0.71 0.00	31.77 -0.95 0.00	35.98 -0.69 0.00	35.17 -0.05 0.00	39.74 -0.07 0.00	27.12 0.07 0.00	25.44 -0.09 0.00	25.01 0.12 0.00
BAYONEEC___CTG1 323682	21.53 0.52 0.00	21.56 0.45 0.00	20.92 0.41 0.00	20.16 0.40 0.00	23.04 0.39 0.00	24.98 0.46 0.00	24.09 0.45 0.00	20.63 0.57 0.00	17.70 0.67 0.00	19.27 0.76 0.00	15.74 0.66 0.00	15.84 0.72 0.00	18.45 0.87 0.00	19.76 0.94 0.00	20.03 1.00 0.00	21.10 1.10 0.00	29.68 1.50 0.00	34.29 1.56 0.00	38.25 1.57 0.00	36.66 1.44 0.00	41.37 1.56 0.00	28.16 1.12 0.00	26.65 1.13 0.00	25.97 1.08 0.00
BAYONEEC___CTG10 323750	21.53 0.52 0.00	21.56 0.45 0.00	20.92 0.41 0.00	20.16 0.40 0.00	23.04 0.39 0.00	24.98 0.46 0.00	24.09 0.45 0.00	20.63 0.57 0.00	17.70 0.67 0.00	19.27 0.76 0.00	15.74 0.66 0.00	15.84 0.72 0.00	18.45 0.87 0.00	19.76 0.94 0.00	20.03 1.00 0.00	21.10 1.10 0.00	29.68 1.50 0.00	34.29 1.56 0.00	38.25 1.57 0.00	36.66 1.44 0.00	41.37 1.56 0.00	28.16 1.12 0.00	26.65 1.13 0.00	25.97 1.08 0.00
BAYONEEC___CTG2 323683	21.53 0.52 0.00	21.56 0.45 0.00	20.92 0.41 0.00	20.16 0.40 0.00	23.04 0.39 0.00	24.98 0.46 0.00	24.09 0.45 0.00	20.63 0.57 0.00	17.70 0.67 0.00	19.27 0.76 0.00	15.74 0.66 0.00	15.84 0.72 0.00	18.45 0.87 0.00	19.76 0.94 0.00	20.03 1.00 0.00	21.10 1.10 0.00	29.68 1.50 0.00	34.29 1.56 0.00	38.25 1.57 0.00	36.66 1.44 0.00	41.37 1.56 0.00	28.16 1.12 0.00	26.65 1.13 0.00	25.97 1.08 0.00
BAYONEEC___CTG3 323684	21.53 0.52 0.00	21.56 0.45 0.00	20.92 0.41 0.00	20.16 0.40 0.00	23.04 0.39 0.00	24.98 0.46 0.00	24.09 0.45 0.00	20.63 0.57 0.00	17.70 0.67 0.00	19.27 0.76 0.00	15.74 0.66 0.00	15.84 0.72 0.00	18.45 0.87 0.00	19.76 0.94 0.00	20.03 1.00 0.00	21.10 1.10 0.00	29.68 1.50 0.00	34.29 1.56 0.00	38.25 1.57 0.00	36.66 1.44 0.00	41.37 1.56 0.00	28.16 1.12 0.00	26.65 1.13 0.00	25.97 1.08 0.00
BAYONEEC___CTG4 323685	21.53 0.52 0.00	21.56 0.45 0.00	20.92 0.41 0.00	20.16 0.40 0.00	23.04 0.39 0.00	24.98 0.46 0.00	24.09 0.45 0.00	20.63 0.57 0.00	17.70 0.67 0.00	19.27 0.76 0.00	15.74 0.66 0.00	15.84 0.72 0.00	18.45 0.87 0.00	19.76 0.94 0.00	20.03 1.00 0.00	21.10 1.10 0.00	29.68 1.50 0.00	34.29 1.56 0.00	38.25 1.57 0.00	36.66 1.44 0.00	41.37 1.56 0.00	28.16 1.12 0.00	26.65 1.13 0.00	25.97 1.08 0.00
BAYONEEC___CTG5 323686	21.53 0.52 0.00	21.56 0.45 0.00	20.92 0.41 0.00	20.16 0.40 0.00	23.04 0.39 0.00	24.98 0.46 0.00	24.09 0.45 0.00	20.63 0.57 0.00	17.70 0.67 0.00	19.27 0.76 0.00	15.74 0.66 0.00	15.84 0.72 0.00	18.45 0.87 0.00	19.76 0.94 0.00	20.03 1.00 0.00	21.10 1.10 0.00	29.68 1.50 0.00	34.29 1.56 0.00	38.25 1.57 0.00	36.66 1.44 0.00	41.37 1.56 0.00	28.16 1.12 0.00	26.65 1.13 0.00	25.97 1.08 0.00
BAYONEEC___CTG6 323687	21.53 0.52 0.00	21.56 0.45 0.00	20.92 0.41 0.00	20.16 0.40 0.00	23.04 0.39 0.00	24.98 0.46 0.00	24.09 0.45 0.00	20.63 0.57 0.00	17.70 0.67 0.00	19.27 0.76 0.00	15.74 0.66 0.00	15.84 0.72 0.00	18.45 0.87 0.00	19.76 0.94 0.00	20.03 1.00 0.00	21.10 1.10 0.00	29.68 1.50 0.00	34.29 1.56 0.00	38.25 1.57 0.00	36.66 1.44 0.00	41.37 1.56 0.00	28.16 1.12 0.00	26.65 1.13 0.00	25.97 1.08 0.00
BAYONEEC___CTG7 323688	21.53 0.52 0.00	21.56 0.45 0.00	20.92 0.41 0.00	20.16 0.40 0.00	23.04 0.39 0.00	24.98 0.46 0.00	24.09 0.45 0.00	20.63 0.57 0.00	17.70 0.67 0.00	19.27 0.76 0.00	15.74 0.66 0.00	15.84 0.72 0.00	18.45 0.87 0.00	19.76 0.94 0.00	20.03 1.00 0.00	21.10 1.10 0.00	29.68 1.50 0.00	34.29 1.56 0.00	38.25 1.57 0.00	36.66 1.44 0.00	41.37 1.56 0.00	28.16 1.12 0.00	26.65 1.13 0.00	25.97 1.08 0.00

BAYONEEC___CTG8 323689	21.53 0.52 0.00	21.56 0.45 0.00	20.92 0.41 0.00	20.16 0.40 0.00	23.04 0.39 0.00	24.98 0.46 0.00	24.09 0.45 0.00	20.63 0.57 0.00	17.70 0.67 0.00	19.27 0.76 0.00	15.74 0.66 0.00	15.84 0.72 0.00	18.45 0.87 0.00	19.76 0.94 0.00	20.03 1.00 0.00	21.10 1.10 0.00	29.68 1.50 0.00	34.29 1.56 0.00	38.25 1.57 0.00	36.66 1.44 0.00	41.37 1.56 0.00	28.16 1.12 0.00	26.65 1.13 0.00	25.97 1.08 0.00
BAYONEEC___CTG9 323749	21.53 0.52 0.00	21.56 0.45 0.00	20.92 0.41 0.00	20.16 0.40 0.00	23.04 0.39 0.00	24.98 0.46 0.00	24.09 0.45 0.00	20.63 0.57 0.00	17.70 0.67 0.00	19.27 0.76 0.00	15.74 0.66 0.00	15.84 0.72 0.00	18.45 0.87 0.00	19.76 0.94 0.00	20.03 1.00 0.00	21.10 1.10 0.00	29.68 1.50 0.00	34.29 1.56 0.00	38.25 1.57 0.00	36.66 1.44 0.00	41.37 1.56 0.00	28.16 1.12 0.00	26.65 1.13 0.00	25.97 1.08 0.00
BEACON___LESR 323632	21.15 0.14 0.00	21.23 0.13 0.00	20.60 0.10 0.00	19.87 0.10 0.00	22.77 0.12 0.00	24.61 0.09 0.00	23.72 0.08 0.00	20.20 0.14 0.00	17.16 0.12 0.00	18.64 0.14 0.00	15.18 0.10 0.00	15.25 0.13 0.00	17.77 0.19 0.00	19.01 0.18 0.00	19.21 0.18 0.00	20.35 0.35 0.00	29.04 0.86 0.00	33.73 1.01 0.00	37.88 1.21 0.00	36.52 1.30 0.00	41.24 1.43 0.00	28.01 0.96 0.00	26.47 0.94 0.00	25.75 0.86 0.00
BEAVER RIVER___HYD 24048	21.91 0.90 0.00	21.99 0.89 0.00	21.35 0.84 0.00	20.57 0.81 0.00	23.58 0.94 0.00	25.56 1.04 0.00	24.59 0.95 0.00	20.76 0.70 0.00	17.38 0.35 0.00	18.70 0.20 0.00	15.15 0.08 0.00	15.14 0.02 0.00	17.53 -0.05 0.00	18.81 -0.02 0.00	19.06 0.03 0.00	20.05 0.05 0.00	28.42 0.23 0.00	33.14 0.42 0.00	37.82 1.15 0.00	36.96 1.74 0.00	42.01 2.20 0.00	28.53 1.48 0.00	26.80 1.27 0.00	26.09 1.20 0.00
BEEBEE_GT_13 23619	20.83 -0.18 0.00	20.98 -0.12 0.00	20.39 -0.12 0.00	19.71 -0.05 0.00	22.65 0.00 0.00	24.55 0.03 0.00	23.59 -0.04 0.00	19.81 -0.24 0.00	16.74 -0.30 0.00	18.21 -0.30 0.00	14.82 -0.26 0.00	14.84 -0.28 0.00	17.27 -0.31 0.00	18.54 -0.28 0.00	18.68 -0.35 0.00	19.62 -0.37 0.00	27.62 -0.56 0.00	31.95 -0.78 0.00	36.05 -0.62 0.00	34.93 -0.29 0.00	39.44 -0.37 0.00	26.86 -0.19 0.00	25.25 -0.28 0.00	24.71 -0.17 0.00
BENSHRST_27_KV_BENSHRST_1 355998	21.70 0.68 0.00	21.71 0.61 0.00	21.07 0.56 0.00	20.30 0.54 0.00	23.14 0.50 0.00	25.12 0.60 0.00	24.24 0.61 0.00	20.79 0.73 0.00	17.82 0.78 0.00	19.40 0.89 0.00	15.85 0.78 0.00	15.96 0.84 0.00	18.60 1.02 0.00	19.92 1.10 0.00	20.21 1.18 0.00	21.28 1.28 0.00	29.97 1.79 0.00	34.69 1.97 0.00	38.65 1.98 0.00	37.00 1.78 0.00	41.74 1.93 0.00	28.44 1.39 0.00	26.90 1.38 0.00	26.18 1.30 0.00
BETHLEHEM___GRP 23843	20.87 -0.14 0.00	20.97 -0.12 0.00	20.37 -0.13 0.00	19.63 -0.13 0.00	22.47 -0.18 0.00	24.31 -0.22 0.00	23.41 -0.22 0.00	19.94 -0.12 0.00	16.97 -0.06 0.00	18.44 -0.07 0.00	15.04 -0.03 0.00	15.10 -0.02 0.00	17.57 -0.01 0.00	18.80 -0.02 0.00	19.03 0.00 0.00	20.10 0.10 0.00	28.80 0.62 0.00	33.45 0.73 0.00	37.52 0.85 0.00	36.21 0.99 0.00	40.93 1.12 0.00	27.79 0.74 0.00	26.24 0.71 0.00	25.57 0.68 0.00
BETHLEHEM___GS1 323560	20.87 -0.14 0.00	20.98 -0.12 0.00	20.37 -0.13 0.00	19.63 -0.13 0.00	22.47 -0.18 0.00	24.31 -0.22 0.00	23.41 -0.22 0.00	19.94 -0.12 0.00	16.97 -0.06 0.00	18.44 -0.07 0.00	15.04 -0.03 0.00	15.10 -0.02 0.00	17.57 -0.01 0.00	18.80 -0.02 0.00	19.03 0.00 0.00	20.11 0.11 0.00	28.80 0.62 0.00	33.44 0.72 0.00	37.52 0.85 0.00	36.21 0.99 0.00	40.93 1.12 0.00	27.78 0.74 0.00	26.23 0.71 0.00	25.57 0.68 0.00
BETHLEHEM___GS2 323561	20.87 -0.14 0.00	20.98 -0.12 0.00	20.37 -0.13 0.00	19.63 -0.13 0.00	22.47 -0.18 0.00	24.31 -0.22 0.00	23.41 -0.22 0.00	19.94 -0.12 0.00	16.97 -0.06 0.00	18.44 -0.07 0.00	15.04 -0.03 0.00	15.10 -0.02 0.00	17.57 -0.01 0.00	18.80 -0.02 0.00	19.03 0.00 0.00	20.11 0.11 0.00	28.80 0.62 0.00	33.44 0.72 0.00	37.52 0.85 0.00	36.21 0.99 0.00	40.93 1.12 0.00	27.78 0.74 0.00	26.23 0.71 0.00	25.57 0.68 0.00
BETHLEHEM___GS3 323562	20.87 -0.14 0.00	20.98 -0.12 0.00	20.37 -0.13 0.00	19.63 -0.13 0.00	22.47 -0.18 0.00	24.31 -0.22 0.00	23.41 -0.22 0.00	19.94 -0.12 0.00	16.97 -0.06 0.00	18.44 -0.07 0.00	15.04 -0.03 0.00	15.10 -0.02 0.00	17.57 -0.01 0.00	18.80 -0.02 0.00	19.03 0.00 0.00	20.11 0.11 0.00	28.80 0.62 0.00	33.44 0.72 0.00	37.52 0.85 0.00	36.21 0.99 0.00	40.93 1.12 0.00	27.78 0.74 0.00	26.23 0.71 0.00	25.57 0.68 0.00
BETHLEHEM___STEEL 23779	20.68 -0.34 0.00	20.89 -0.21 0.00	20.32 -0.18 0.00	19.69 -0.07 0.00	22.67 0.03 0.00	24.63 0.10 0.00	23.62 -0.01 0.00	19.70 -0.37 0.00	16.62 -0.42 0.00	18.11 -0.40 0.00	14.72 -0.35 0.00	14.74 -0.38 0.00	17.14 -0.44 0.00	18.37 -0.45 0.00	18.47 -0.55 0.00	19.43 -0.57 0.00	27.28 -0.90 0.00	31.42 -1.31 0.00	35.41 -1.26 0.00	34.47 -0.75 0.00	38.82 -0.99 0.00	26.51 -0.54 0.00	24.94 -0.59 0.00	24.53 -0.36 0.00
BETHLHEM_115KV_TB1 79974	20.93 -0.08 0.00	21.03 -0.07 0.00	20.42 -0.09 0.00	19.68 -0.08 0.00	22.53 -0.12 0.00	24.37 -0.15 0.00	23.47 -0.16 0.00	19.99 -0.07 0.00	17.02 -0.02 0.00	18.49 -0.02 0.00	15.08 0.01 0.00	15.14 0.02 0.00	17.62 0.04 0.00	18.85 0.03 0.00	19.07 0.04 0.00	20.14 0.14 0.00	28.78 0.60 0.00	33.41 0.69 0.00	37.48 0.81 0.00	36.15 0.94 0.00	40.87 1.06 0.00	27.74 0.69 0.00	26.20 0.68 0.00	25.53 0.65 0.00
BETHPAGE_CC_5 323564	21.66 0.64 0.00	21.61 0.52 0.00	20.94 0.43 0.00	20.15 0.39 0.00	22.99 0.34 0.00	24.91 0.38 0.00	24.00 0.37 0.00	20.58 0.52 0.00	17.86 0.82 0.00	19.38 0.87 0.00	16.63 0.87 -0.68	18.29 0.96 -2.21	20.34 1.14 -1.62	22.64 1.20 -2.62	27.99 1.23 -7.73	36.81 1.31 -15.50	45.27 1.73 -15.36	54.89 1.82 -20.34	46.82 1.92 -8.23	45.32 1.73 -8.37	47.47 1.86 -5.79	35.98 1.37 -7.56	35.52 1.45 -8.55	35.50 1.46 -9.14
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	20.69 -0.32 0.00	20.90 -0.20 0.00	20.34 -0.16 0.00	19.70 -0.06 0.00	22.69 0.04 0.00	24.64 0.11 0.00	23.64 0.01 0.00	19.72 -0.34 0.00	16.64 -0.39 0.00	18.14 -0.37 0.00	14.75 -0.33 0.00	14.75 -0.37 0.00	17.16 -0.42 0.00	18.40 -0.42 0.00	18.50 -0.52 0.00	19.46 -0.54 0.00	27.34 -0.85 0.00	31.48 -1.24 0.00	35.48 -1.19 0.00	34.53 -0.69 0.00	38.90 -0.91 0.00	26.54 -0.51 0.00	24.97 -0.56 0.00	24.55 -0.33 0.00
BINGHAMTON___COGEN 23790	20.81 -0.20 0.00	20.93 -0.16 0.00	20.34 -0.17 0.00	19.63 -0.12 0.00	22.53 -0.12 0.00	24.46 -0.07 0.00	23.56 -0.07 0.00	19.90 -0.16 0.00	16.90 -0.14 0.00	18.34 -0.17 0.00	14.93 -0.15 0.00	14.96 -0.16 0.00	17.41 -0.17 0.00	18.66 -0.17 0.00	18.84 -0.19 0.00	19.81 -0.19 0.00	27.92 -0.27 0.00	32.36 -0.36 0.00	36.40 -0.27 0.00	35.25 0.04 0.00	39.76 -0.05 0.00	27.00 -0.05 0.00	25.44 -0.08 0.00	24.80 -0.09 0.00

BIXINCNT_115KV_LOAD 355685	20.67 -0.35 0.00	20.90 -0.20 0.00	20.36 -0.14 0.00	19.74 -0.02 0.00	22.74 0.09 0.00	24.73 0.20 0.00	23.76 0.12 0.00	19.83 -0.22 0.00	16.77 -0.26 0.00	18.26 -0.24 0.00	14.83 -0.24 0.00	14.82 -0.30 0.00	17.24 -0.34 0.00	18.46 -0.37 0.00	18.57 -0.46 0.00	19.52 -0.48 0.00	27.45 -0.74 0.00	31.60 -1.12 0.00	35.61 -1.06 0.00	34.67 -0.55 0.00	38.95 -0.87 0.00	26.44 -0.61 0.00	24.91 -0.62 0.00	24.54 -0.35 0.00
BLACK RIVER___HYD 24047	22.06 1.05 0.00	22.15 1.05 0.00	21.49 0.98 0.00	20.71 0.95 0.00	23.74 1.09 0.00	25.73 1.21 0.00	24.73 1.10 0.00	20.87 0.81 0.00	17.43 0.39 0.00	18.66 0.15 0.00	15.08 0.00 0.00	15.06 -0.06 0.00	17.44 -0.14 0.00	18.73 -0.09 0.00	18.98 -0.04 0.00	19.96 -0.04 0.00	28.34 0.16 0.00	33.05 0.32 0.00	38.02 1.34 0.00	37.38 2.16 0.00	42.52 2.71 0.00	28.83 1.78 0.00	27.03 1.51 0.00	26.29 1.40 0.00
BLACKRVR_115KV_TB2 79977	22.06 1.05 0.00	22.15 1.05 0.00	21.49 0.98 0.00	20.71 0.95 0.00	23.74 1.09 0.00	25.73 1.21 0.00	24.73 1.10 0.00	20.87 0.81 0.00	17.43 0.39 0.00	18.66 0.15 0.00	15.08 0.00 0.00	15.06 -0.06 0.00	17.44 -0.14 0.00	18.73 -0.09 0.00	18.98 -0.04 0.00	19.96 -0.04 0.00	28.34 0.16 0.00	33.05 0.33 0.00	38.02 1.35 0.00	37.38 2.16 0.00	42.52 2.71 0.00	28.83 1.78 0.00	27.03 1.51 0.00	26.29 1.40 0.00
BLDWN_LI_69_KV_BK4 356085	21.68 0.67 0.00	21.64 0.54 0.00	20.96 0.45 0.00	20.17 0.41 0.00	23.03 0.38 0.00	24.95 0.43 0.00	24.04 0.40 0.00	20.59 0.53 0.00	17.83 0.80 0.00	19.38 0.86 0.00	22.01 0.88 -6.05	23.43 0.97 -7.35	23.23 1.16 -4.49	28.08 1.21 -8.04	41.59 1.23 -21.33	52.13 1.27 -30.86	59.01 1.71 -29.12	70.60 1.88 -35.99	68.51 2.01 -29.83	66.53 1.77 -29.54	58.44 1.96 -16.66	50.11 1.50 -21.56	51.16 1.53 -24.11	51.76 1.54 -25.33
BLISS_WT_PWR 323608	20.65 -0.36 0.00	20.89 -0.21 0.00	20.35 -0.15 0.00	19.73 -0.03 0.00	22.73 0.08 0.00	24.72 0.20 0.00	23.76 0.13 0.00	19.82 -0.24 0.00	16.78 -0.26 0.00	18.27 -0.24 0.00	14.84 -0.24 0.00	14.82 -0.30 0.00	17.25 -0.33 0.00	18.46 -0.36 0.00	18.57 -0.46 0.00	19.52 -0.48 0.00	27.44 -0.74 0.00	31.62 -1.11 0.00	35.61 -1.07 0.00	34.68 -0.54 0.00	38.90 -0.91 0.00	26.38 -0.66 0.00	24.86 -0.67 0.00	24.51 -0.37 0.00
BLUESTONE___WT_PWR 323821	21.56 0.55 0.00	21.66 0.56 0.00	21.06 0.56 0.00	20.32 0.56 0.00	23.17 0.52 0.00	25.28 0.75 0.00	24.39 0.76 0.00	20.36 0.30 0.00	17.35 0.32 0.00	18.82 0.31 0.00	15.29 0.21 0.00	15.25 0.13 0.00	17.71 0.13 0.00	19.05 0.22 0.00	19.29 0.27 0.00	20.31 0.31 0.00	28.63 0.45 0.00	33.32 0.60 0.00	37.83 1.16 0.00	36.79 1.57 0.00	41.37 1.56 0.00	27.25 0.20 0.00	25.39 -0.13 0.00	24.94 0.05 0.00
BLUE_CIRC_CHEM_DRP 24182	21.16 0.14 0.00	21.26 0.16 0.00	20.65 0.15 0.00	19.92 0.16 0.00	22.81 0.16 0.00	24.69 0.16 0.00	23.77 0.14 0.00	20.18 0.12 0.00	17.09 0.06 0.00	18.54 0.04 0.00	15.12 0.05 0.00	15.18 0.06 0.00	17.66 0.08 0.00	18.90 0.07 0.00	19.13 0.10 0.00	20.16 0.16 0.00	28.64 0.46 0.00	33.32 0.59 0.00	37.49 0.82 0.00	36.22 1.01 0.00	40.94 1.13 0.00	27.79 0.74 0.00	26.24 0.72 0.00	25.57 0.69 0.00
BOC_GAS_DRP 24189	21.06 0.05 0.00	21.16 0.06 0.00	20.54 0.04 0.00	19.80 0.04 0.00	22.67 0.02 0.00	24.54 0.01 0.00	23.64 0.00 0.00	20.12 0.06 0.00	17.13 0.09 0.00	18.62 0.11 0.00	15.19 0.12 0.00	15.25 0.13 0.00	17.74 0.17 0.00	18.99 0.16 0.00	19.21 0.18 0.00	20.23 0.23 0.00	28.65 0.46 0.00	33.24 0.51 0.00	37.25 0.58 0.00	35.91 0.69 0.00	40.59 0.78 0.00	27.57 0.52 0.00	26.04 0.52 0.00	25.38 0.49 0.00
BOONVILLE_115KV_TB1 79983	21.59 0.57 0.00	21.66 0.56 0.00	21.03 0.52 0.00	20.27 0.51 0.00	23.23 0.58 0.00	25.17 0.65 0.00	24.25 0.61 0.00	20.52 0.46 0.00	17.28 0.24 0.00	18.67 0.17 0.00	15.17 0.10 0.00	15.20 0.07 0.00	17.65 0.07 0.00	18.92 0.10 0.00	19.16 0.13 0.00	20.18 0.18 0.00	28.51 0.32 0.00	33.27 0.55 0.00	37.67 1.00 0.00	36.53 1.31 0.00	41.36 1.55 0.00	28.07 1.02 0.00	26.41 0.89 0.00	25.71 0.82 0.00
BORALEX_4TH_BRANCH 23824	21.44 0.42 0.00	21.53 0.42 0.00	20.91 0.40 0.00	20.15 0.40 0.00	23.11 0.46 0.00	24.98 0.46 0.00	24.05 0.42 0.00	20.47 0.41 0.00	17.43 0.39 0.00	18.91 0.40 0.00	15.39 0.31 0.00	15.43 0.31 0.00	17.96 0.38 0.00	19.21 0.38 0.00	19.43 0.40 0.00	20.45 0.45 0.00	28.77 0.59 0.00	33.40 0.68 0.00	37.54 0.87 0.00	36.41 1.19 0.00	41.17 1.36 0.00	27.94 0.89 0.00	26.41 0.88 0.00	25.70 0.82 0.00
BOWLINE___1 23526	21.36 0.35 0.00	21.40 0.29 0.00	20.75 0.24 0.00	20.00 0.24 0.00	22.87 0.22 0.00	24.77 0.25 0.00	23.88 0.25 0.00	20.39 0.33 0.00	17.46 0.43 0.00	18.99 0.48 0.00	15.49 0.41 0.00	15.59 0.47 0.00	18.17 0.59 0.00	19.47 0.64 0.00	19.72 0.69 0.00	20.78 0.78 0.00	29.26 1.08 0.00	33.86 1.14 0.00	37.83 1.16 0.00	36.33 1.12 0.00	41.00 1.19 0.00	27.90 0.85 0.00	26.39 0.86 0.00	25.73 0.84 0.00
BOWLINE___2 23595	21.36 0.34 0.00	21.39 0.29 0.00	20.74 0.24 0.00	19.99 0.23 0.00	22.86 0.21 0.00	24.76 0.24 0.00	23.87 0.24 0.00	20.39 0.33 0.00	17.46 0.42 0.00	18.98 0.48 0.00	15.48 0.41 0.00	15.58 0.46 0.00	18.16 0.58 0.00	19.47 0.64 0.00	19.71 0.68 0.00	20.77 0.77 0.00	29.24 1.06 0.00	33.85 1.13 0.00	37.82 1.15 0.00	36.32 1.11 0.00	40.98 1.17 0.00	27.89 0.84 0.00	26.38 0.85 0.00	25.72 0.83 0.00
BRADY___115KV_TB2 356060	21.95 0.94 0.00	22.03 0.93 0.00	21.45 0.94 0.00	20.64 0.88 0.00	23.68 1.03 0.00	25.65 1.12 0.00	24.73 1.09 0.00	20.91 0.85 0.00	17.53 0.49 0.00	19.00 0.49 0.00	15.45 0.37 0.00	15.45 0.34 0.00	17.93 0.34 0.00	19.20 0.37 0.00	19.41 0.38 0.00	20.41 0.41 0.00	28.83 0.64 0.00	33.53 0.80 0.00	37.71 1.04 0.00	36.67 1.45 0.00	41.67 1.86 0.00	28.46 1.41 0.00	26.70 1.18 0.00	26.06 1.18 0.00
BRANSCOMB___SOLAR 323811	21.73 0.72 0.00	21.83 0.73 0.00	21.19 0.69 0.00	20.42 0.66 0.00	23.41 0.76 0.00	25.33 0.81 0.00	24.40 0.77 0.00	20.72 0.66 0.00	17.54 0.51 0.00	18.95 0.44 0.00	15.37 0.30 0.00	15.41 0.29 0.00	17.94 0.36 0.00	19.19 0.36 0.00	19.43 0.40 0.00	20.51 0.50 0.00	29.00 0.82 0.00	33.99 1.27 0.00	38.35 1.68 0.00	37.21 2.00 0.00	42.05 2.24 0.00	28.45 1.40 0.00	26.85 1.32 0.00	26.12 1.23 0.00
BRDGHMPT_69_KV_BK1 55812	21.81 0.79 0.00	21.75 0.65 0.00	21.11 0.60 0.00	20.25 0.50 0.00	23.00 0.35 0.00	24.94 0.41 0.00	24.05 0.42 0.00	20.68 0.63 0.00	18.43 1.39 0.00	19.99 1.49 0.00	15.32 1.30 1.06	16.86 1.36 -0.38	19.70 1.57 -0.55	21.09 1.58 -0.69	23.66 1.66 -2.97	31.23 1.85 -9.37	40.48 2.67 -9.62	48.97 3.02 -13.23	39.64 3.33 0.36	39.18 3.00 -0.96	45.08 3.21 -2.06	31.87 2.16 -2.66	30.56 2.04 -3.00	30.01 1.98 -3.15

BRENTWOD_69_KV_W. BRTWOOD 56703	21.71 0.70 0.00	21.64 0.53 0.00	20.97 0.46 0.00	20.16 0.40 0.00	22.98 0.33 0.00	24.89 0.36 0.00	23.98 0.34 0.00	20.58 0.52 0.00	17.98 0.95 0.00	19.48 0.97 0.00	15.13 0.94 0.88	16.69 1.01 -0.56	19.43 1.19 -0.66	20.93 1.22 -0.88	23.76 1.28 -3.45	31.41 1.42 -9.99	40.30 1.91 -10.20	48.67 1.99 -13.96	39.44 2.17 -0.59	38.90 1.95 -1.73	44.34 2.10 -2.44	31.71 1.50 -3.16	30.64 1.57 -3.55	30.23 1.59 -3.75
BRISTLHL_115KV_TB1 79998	20.56 -0.46 0.00	20.65 -0.44 0.00	20.06 -0.45 0.00	19.35 -0.41 0.00	22.18 -0.47 0.00	24.02 -0.51 0.00	23.14 -0.50 0.00	19.61 -0.45 0.00	16.64 -0.39 0.00	18.05 -0.46 0.00	14.69 -0.38 0.00	14.73 -0.39 0.00	17.15 -0.43 0.00	18.38 -0.45 0.00	18.53 -0.50 0.00	19.43 -0.57 0.00	27.32 -0.86 0.00	31.72 -1.00 0.00	35.74 -0.94 0.00	34.52 -0.70 0.00	39.05 -0.76 0.00	26.52 -0.53 0.00	25.00 -0.52 0.00	24.38 -0.51 0.00
BROOKHAVEN___DRP 24191	21.45 0.44 0.00	21.37 0.27 0.00	20.71 0.20 0.00	19.90 0.14 0.00	22.64 0.00 0.00	24.52 0.00 0.00	23.64 0.01 0.00	20.34 0.28 0.00	18.01 0.97 0.00	19.47 0.96 0.00	14.87 0.86 1.06	16.39 0.90 -0.38	19.17 1.04 -0.55	20.53 1.03 -0.68	23.06 1.07 -2.96	30.57 1.21 -9.36	39.47 1.68 -9.61	47.73 1.79 -13.21	38.27 1.98 0.38	37.90 1.74 -0.94	43.70 1.83 -2.05	30.99 1.29 -2.65	29.82 1.32 -2.98	29.34 1.32 -3.14
BROOKLYN_NAVY_YARD 23515	21.50 0.48 0.00	21.52 0.42 0.00	20.88 0.37 0.00	20.12 0.36 0.00	22.99 0.34 0.00	24.92 0.40 0.00	24.03 0.39 0.00	20.59 0.52 0.00	17.67 0.64 0.00	19.23 0.73 0.00	15.71 0.64 0.00	15.81 0.69 0.00	18.42 0.84 0.00	19.72 0.90 0.00	19.99 0.95 0.00	21.25 1.04 -0.22	30.14 1.42 -0.53	35.90 1.51 -1.67	44.30 1.49 -6.14	38.46 1.36 -1.88	41.29 1.48 0.00	28.10 1.05 0.00	26.60 1.08 0.00	25.92 1.04 0.00
BROOKLYN___ARMY_DRP 323595	21.59 0.58 0.00	21.61 0.51 0.00	20.97 0.47 0.00	20.21 0.45 0.00	23.04 0.40 0.00	25.02 0.49 0.00	24.13 0.50 0.00	20.69 0.63 0.00	17.73 0.70 0.00	19.31 0.80 0.00	15.77 0.69 0.00	15.88 0.76 0.00	18.50 0.92 0.00	19.81 0.99 0.00	20.10 1.07 0.00	21.16 1.16 0.00	29.79 1.60 0.00	34.49 1.77 0.00	38.43 1.75 0.00	36.77 1.55 0.00	41.49 1.68 0.00	28.27 1.22 0.00	26.74 1.22 0.00	26.04 1.15 0.00
BROOME_2_LFGE 323671	20.81 -0.21 0.00	20.94 -0.16 0.00	20.34 -0.17 0.00	19.63 -0.12 0.00	22.53 -0.12 0.00	24.46 -0.07 0.00	23.56 -0.07 0.00	19.89 -0.17 0.00	16.90 -0.14 0.00	18.34 -0.17 0.00	14.93 -0.15 0.00	14.95 -0.16 0.00	17.41 -0.17 0.00	18.66 -0.17 0.00	18.84 -0.19 0.00	19.80 -0.19 0.00	27.92 -0.27 0.00	32.36 -0.36 0.00	36.40 -0.27 0.00	35.26 0.04 0.00	39.76 -0.05 0.00	27.00 -0.05 0.00	25.44 -0.08 0.00	24.80 -0.09 0.00
BROOME___LFGE 323600	20.81 -0.21 0.00	20.94 -0.16 0.00	20.34 -0.17 0.00	19.63 -0.12 0.00	22.53 -0.12 0.00	24.46 -0.07 0.00	23.56 -0.07 0.00	19.89 -0.17 0.00	16.90 -0.14 0.00	18.34 -0.17 0.00	14.93 -0.15 0.00	14.95 -0.16 0.00	17.41 -0.17 0.00	18.66 -0.17 0.00	18.84 -0.19 0.00	19.80 -0.19 0.00	27.92 -0.27 0.00	32.36 -0.36 0.00	36.40 -0.27 0.00	35.26 0.04 0.00	39.76 -0.05 0.00	27.00 -0.05 0.00	25.44 -0.08 0.00	24.80 -0.09 0.00
BROWNFLS_115KV_TB 3_5 80003	21.86 0.85 0.00	21.94 0.84 0.00	21.33 0.82 0.00	20.54 0.78 0.00	23.55 0.90 0.00	25.52 1.00 0.00	24.57 0.94 0.00	20.78 0.72 0.00	17.42 0.39 0.00	18.81 0.30 0.00	15.26 0.18 0.00	15.25 0.13 0.00	17.66 0.08 0.00	18.93 0.11 0.00	19.17 0.14 0.00	20.17 0.17 0.00	28.53 0.35 0.00	33.25 0.53 0.00	37.73 1.05 0.00	36.73 1.51 0.00	41.74 1.93 0.00	28.41 1.36 0.00	26.68 1.15 0.00	25.99 1.10 0.00
BROWNSV1_27_KV_LOAD 356125	21.71 0.70 0.00	21.73 0.63 0.00	21.07 0.57 0.00	20.32 0.56 0.00	23.22 0.57 0.00	25.17 0.64 0.00	24.26 0.63 0.00	20.77 0.71 0.00	17.84 0.80 0.00	19.42 0.91 0.00	15.86 0.79 0.00	15.96 0.85 0.00	18.61 1.03 0.00	19.93 1.11 0.00	20.20 1.17 0.00	21.28 1.28 0.00	29.95 1.76 0.00	34.61 1.89 0.00	38.60 1.93 0.00	37.01 1.79 0.00	41.77 1.96 0.00	28.43 1.38 0.00	26.89 1.37 0.00	26.20 1.31 0.00
BURROWS___LYONSDAL 23803	21.66 0.65 0.00	21.73 0.63 0.00	21.10 0.59 0.00	20.33 0.57 0.00	23.31 0.66 0.00	25.26 0.74 0.00	24.33 0.69 0.00	20.57 0.51 0.00	17.29 0.26 0.00	18.67 0.17 0.00	15.17 0.09 0.00	15.18 0.06 0.00	17.61 0.03 0.00	18.89 0.06 0.00	19.13 0.10 0.00	20.15 0.14 0.00	28.48 0.29 0.00	33.24 0.51 0.00	37.70 1.03 0.00	36.62 1.41 0.00	41.51 1.70 0.00	28.18 1.13 0.00	26.50 0.97 0.00	25.79 0.90 0.00
CAITHNESS_CC_1 323624	21.46 0.45 0.00	21.38 0.28 0.00	20.72 0.22 0.00	19.92 0.16 0.00	22.66 0.02 0.00	24.54 0.02 0.00	23.66 0.02 0.00	20.35 0.30 0.00	17.95 0.92 0.00	19.43 0.92 0.00	14.85 0.84 1.07	16.38 0.89 -0.37	19.16 1.04 -0.55	20.53 1.03 -0.68	23.06 1.08 -2.95	30.56 1.21 -9.34	39.46 1.68 -9.59	47.70 1.78 -13.19	38.18 1.92 0.41	37.83 1.68 -0.92	43.63 1.78 -2.05	30.95 1.27 -2.64	29.79 1.30 -2.97	29.32 1.31 -3.12
CALPINE BETH_PAGE_GT4 24209	21.66 0.65 0.00	21.63 0.53 0.00	20.95 0.45 0.00	20.16 0.40 0.00	23.01 0.36 0.00	24.93 0.41 0.00	24.02 0.38 0.00	20.59 0.53 0.00	17.86 0.82 0.00	19.39 0.88 0.00	17.39 0.88 -1.44	19.09 0.96 -3.01	20.81 1.15 -2.09	23.49 1.20 -3.47	30.07 1.23 -9.81	39.48 1.28 -18.20	47.70 1.62 -17.89	57.93 1.69 -23.51	50.59 1.79 -12.12	48.46 1.60 -11.64	48.96 1.74 -7.41	38.04 1.30 -9.70	37.91 1.41 -10.98	38.09 1.42 -11.78
CALPINE_BETH_PAGE_GT_4 323586	21.66 0.65 0.00	21.63 0.53 0.00	20.95 0.45 0.00	20.16 0.40 0.00	23.01 0.36 0.00	24.93 0.41 0.00	24.02 0.38 0.00	20.60 0.54 0.00	17.86 0.82 0.00	19.39 0.88 0.00	17.39 0.88 -1.44	19.09 0.96 -3.01	20.81 1.15 -2.09	23.49 1.20 -3.47	30.07 1.24 -9.81	39.49 1.29 -18.20	47.71 1.64 -17.89	57.94 1.71 -23.51	50.59 1.80 -12.12	48.46 1.61 -11.64	48.96 1.73 -7.41	38.04 1.30 -9.70	37.91 1.41 -10.98	38.09 1.42 -11.78
CALPINE_BP_GT1 23823	21.66 0.65 0.00	21.63 0.53 0.00	20.95 0.45 0.00	20.16 0.40 0.00	23.01 0.36 0.00	24.93 0.41 0.00	24.02 0.38 0.00	20.60 0.54 0.00	17.86 0.82 0.00	19.39 0.88 0.00	17.39 0.88 -1.44	19.09 0.96 -3.01	20.81 1.15 -2.09	23.49 1.20 -3.47	30.07 1.24 -9.81	39.49 1.29 -18.20	47.71 1.64 -17.89	57.94 1.71 -23.51	50.59 1.80 -12.12	48.46 1.61 -11.64	48.96 1.73 -7.41	38.04 1.30 -9.70	37.91 1.41 -10.98	38.09 1.42 -11.78
CALSPAN___DRP 24200	20.68 -0.34 0.00	20.89 -0.21 0.00	20.32 -0.18 0.00	19.69 -0.07 0.00	22.67 0.03 0.00	24.63 0.10 0.00	23.62 -0.01 0.00	19.70 -0.37 0.00	16.62 -0.42 0.00	18.11 -0.40 0.00	14.72 -0.35 0.00	14.74 -0.38 0.00	17.14 -0.44 0.00	18.37 -0.45 0.00	18.47 -0.55 0.00	19.43 -0.57 0.00	27.28 -0.90 0.00	31.42 -1.31 0.00	35.41 -1.26 0.00	34.47 -0.75 0.00	38.82 -0.99 0.00	26.51 -0.54 0.00	24.94 -0.59 0.00	24.53 -0.36 0.00

CALVERTON___SOLAR 323806	21.47 0.46 0.00	21.39 0.29 0.00	20.73 0.22 0.00	19.92 0.16 0.00	22.66 0.01 0.00	24.54 0.01 0.00	23.66 0.03 0.00	20.36 0.30 0.00	18.07 1.04 0.00	19.53 1.02 0.00	14.91 0.89 1.06	16.43 0.93 -0.38	19.20 1.07 -0.55	20.57 1.05 -0.69	23.11 1.12 -2.96	30.63 1.26 -9.36	39.59 1.79 -9.61	47.89 1.95 -13.22	38.40 2.10 0.38	38.03 1.86 -0.95	43.84 1.97 -2.06	31.08 1.38 -2.66	29.89 1.38 -2.99	29.40 1.37 -3.14
CANDIGU_WT_PWR 323617	20.53 -0.48 0.00	20.73 -0.37 0.00	20.18 -0.33 0.00	19.53 -0.23 0.00	22.48 -0.17 0.00	24.48 -0.05 0.00	23.54 -0.10 0.00	19.66 -0.40 0.00	16.54 -0.49 0.00	17.91 -0.59 0.00	14.56 -0.52 0.00	14.55 -0.56 0.00	16.97 -0.61 0.00	18.18 -0.64 0.00	18.31 -0.71 0.00	19.27 -0.73 0.00	27.15 -1.04 0.00	31.39 -1.33 0.00	35.56 -1.12 0.00	34.77 -0.45 0.00	39.15 -0.66 0.00	26.61 -0.44 0.00	25.08 -0.44 0.00	24.54 -0.34 0.00
CARR STREET_E_SYR 24060	20.66 -0.35 0.00	20.76 -0.34 0.00	20.16 -0.35 0.00	19.45 -0.31 0.00	22.30 -0.35 0.00	24.16 -0.36 0.00	23.27 -0.36 0.00	19.71 -0.35 0.00	16.73 -0.31 0.00	18.15 -0.36 0.00	14.78 -0.30 0.00	14.82 -0.30 0.00	17.25 -0.33 0.00	18.49 -0.34 0.00	18.66 -0.36 0.00	19.57 -0.43 0.00	27.49 -0.69 0.00	31.90 -0.82 0.00	35.90 -0.77 0.00	34.67 -0.55 0.00	39.18 -0.63 0.00	26.62 -0.43 0.00	25.15 -0.37 0.00	24.52 -0.36 0.00
CARTHAGE___PAPER 23857	22.15 1.14 0.00	22.23 1.13 0.00	21.58 1.08 0.00	20.80 1.04 0.00	23.84 1.19 0.00	25.84 1.31 0.00	24.85 1.22 0.00	20.97 0.91 0.00	17.52 0.48 0.00	18.79 0.28 0.00	15.19 0.11 0.00	15.18 0.06 0.00	17.57 -0.01 0.00	18.85 0.03 0.00	19.12 0.09 0.00	20.11 0.12 0.00	28.54 0.36 0.00	33.31 0.59 0.00	38.20 1.53 0.00	37.43 2.22 0.00	42.58 2.77 0.00	28.89 1.84 0.00	27.10 1.58 0.00	26.37 1.49 0.00
CASSADAGA_WT_PWR 323784	20.89 -0.13 0.00	21.11 0.01 0.00	20.56 0.06 0.00	19.92 0.16 0.00	22.96 0.32 0.00	24.98 0.46 0.00	24.00 0.37 0.00	20.00 -0.06 0.00	16.92 -0.11 0.00	18.42 -0.09 0.00	14.96 -0.12 0.00	14.95 -0.17 0.00	17.42 -0.16 0.00	18.66 -0.16 0.00	18.73 -0.30 0.00	19.69 -0.31 0.00	27.63 -0.56 0.00	31.80 -0.92 0.00	35.89 -0.78 0.00	35.07 -0.15 0.00	39.11 -0.70 0.00	26.49 -0.56 0.00	24.97 -0.55 0.00	24.59 -0.29 0.00
CE_DUNWOOD___DRP 24194	21.47 0.46 0.00	21.50 0.40 0.00	20.85 0.34 0.00	20.09 0.33 0.00	22.97 0.33 0.00	24.88 0.36 0.00	23.98 0.35 0.00	20.51 0.44 0.00	17.58 0.55 0.00	19.13 0.62 0.00	15.61 0.53 0.00	15.70 0.59 0.00	18.30 0.72 0.00	19.61 0.78 0.00	19.86 0.84 0.00	20.93 0.94 0.00	29.47 1.28 0.00	34.10 1.38 0.00	38.08 1.41 0.00	36.56 1.35 0.00	41.26 1.45 0.00	28.07 1.02 0.00	26.55 1.03 0.00	25.88 0.99 0.00
CE_MILLWOOD___DRP 24193	21.43 0.42 0.00	21.47 0.37 0.00	20.81 0.31 0.00	20.06 0.30 0.00	22.94 0.29 0.00	24.85 0.33 0.00	23.95 0.31 0.00	20.47 0.41 0.00	17.55 0.51 0.00	19.08 0.57 0.00	15.57 0.50 0.00	15.67 0.54 0.00	18.26 0.68 0.00	19.56 0.78 0.00	19.82 0.79 0.00	20.88 0.88 0.00	29.39 1.21 0.00	34.01 1.29 0.00	37.99 1.32 0.00	36.50 1.28 0.00	41.18 1.37 0.00	28.01 0.96 0.00	26.50 0.98 0.00	25.82 0.94 0.00
CE_NYC2_DRP 24202	21.56 0.55 0.00	21.57 0.47 0.00	20.94 0.43 0.00	20.17 0.41 0.00	23.00 0.36 0.00	24.96 0.44 0.00	24.08 0.45 0.00	20.67 0.61 0.00	17.72 0.68 0.00	19.29 0.79 0.00	15.77 0.70 0.00	15.87 0.75 0.00	18.48 0.91 0.00	19.79 0.96 0.00	20.07 1.04 0.00	21.12 1.12 0.00	29.71 1.52 0.00	34.40 1.67 0.00	38.31 1.64 0.00	36.68 1.46 0.00	41.38 1.57 0.00	28.19 1.14 0.00	26.69 1.17 0.00	25.98 1.09 0.00
CE_NYC_DRP 24195	21.56 0.55 0.00	21.58 0.48 0.00	20.94 0.43 0.00	20.19 0.43 0.00	23.07 0.43 0.00	25.01 0.49 0.00	24.12 0.48 0.00	20.64 0.59 0.00	17.73 0.69 0.00	19.29 0.79 0.00	15.76 0.68 0.00	15.86 0.74 0.00	18.48 0.90 0.00	19.79 0.96 0.00	20.06 1.03 0.00	21.12 1.12 0.00	29.72 1.53 0.00	34.35 1.62 0.00	38.31 1.64 0.00	36.73 1.51 0.00	41.44 1.63 0.00	28.21 1.16 0.00	26.69 1.17 0.00	26.00 1.12 0.00
CHAFFEE___LFGE 323603	20.67 -0.34 0.00	20.87 -0.23 0.00	20.30 -0.20 0.00	19.66 -0.10 0.00	22.64 -0.01 0.00	24.59 0.06 0.00	23.60 -0.04 0.00	19.66 -0.40 0.00	16.62 -0.42 0.00	18.11 -0.40 0.00	14.72 -0.36 0.00	14.72 -0.40 0.00	17.14 -0.43 0.00	18.38 -0.45 0.00	18.49 -0.54 0.00	19.44 -0.55 0.00	27.31 -0.88 0.00	31.47 -1.25 0.00	35.47 -1.20 0.00	34.55 -0.67 0.00	38.90 -0.91 0.00	26.56 -0.49 0.00	24.98 -0.55 0.00	24.55 -0.33 0.00
CHATEAUG_35_KV_LOAD 355732	21.49 0.48 0.00	21.58 0.48 0.00	21.02 0.52 0.00	20.22 0.46 0.00	23.15 0.50 0.00	25.10 0.57 0.00	24.24 0.60 0.00	20.57 0.50 0.00	17.37 0.34 0.00	18.89 0.38 0.00	15.37 0.29 0.00	15.38 0.26 0.00	17.84 0.27 0.00	19.11 0.29 0.00	19.33 0.30 0.00	20.34 0.34 0.00	28.74 0.56 0.00	33.43 0.70 0.00	37.48 0.81 0.00	36.24 1.02 0.00	41.11 1.30 0.00	28.07 1.02 0.00	26.34 0.81 0.00	25.69 0.80 0.00
CHATEAUG_WT_PWR 323614	21.45 0.43 0.00	21.54 0.44 0.00	20.97 0.46 0.00	20.18 0.42 0.00	23.10 0.45 0.00	25.05 0.52 0.00	24.18 0.55 0.00	20.52 0.46 0.00	17.38 0.34 0.00	18.89 0.38 0.00	15.37 0.29 0.00	15.38 0.26 0.00	17.84 0.26 0.00	19.11 0.29 0.00	19.33 0.30 0.00	20.35 0.34 0.00	28.75 0.56 0.00	33.44 0.72 0.00	37.51 0.84 0.00	36.20 0.98 0.00	41.02 1.20 0.00	27.98 0.93 0.00	26.28 0.75 0.00	25.65 0.76 0.00
CHAT_HIGH_FALL_HYD 323578	21.49 0.48 0.00	21.58 0.48 0.00	21.02 0.52 0.00	20.22 0.46 0.00	23.15 0.50 0.00	25.10 0.57 0.00	24.24 0.60 0.00	20.57 0.50 0.00	17.37 0.34 0.00	18.89 0.38 0.00	15.37 0.29 0.00	15.38 0.26 0.00	17.84 0.27 0.00	19.11 0.29 0.00	19.33 0.30 0.00	20.34 0.34 0.00	28.74 0.56 0.00	33.43 0.70 0.00	37.48 0.81 0.00	36.24 1.02 0.00	41.11 1.30 0.00	28.07 1.02 0.00	26.34 0.81 0.00	25.69 0.80 0.00
CHAUTAUQUA___LFGE 323629	20.73 -0.28 0.00	20.96 -0.14 0.00	20.41 -0.10 0.00	19.77 0.01 0.00	22.77 0.12 0.00	24.78 0.25 0.00	23.79 0.16 0.00	19.82 -0.24 0.00	16.75 -0.28 0.00	18.24 -0.27 0.00	14.81 -0.27 0.00	14.81 -0.31 0.00	17.25 -0.33 0.00	18.49 -0.34 0.00	18.57 -0.46 0.00	19.53 -0.47 0.00	27.42 -0.76 0.00	31.59 -1.13 0.00	35.61 -1.07 0.00	34.78 -0.44 0.00	38.97 -0.84 0.00	26.50 -0.55 0.00	24.95 -0.58 0.00	24.54 -0.35 0.00
CHERRYST_13_KV_LD 356241	21.60 0.59 0.00	21.64 0.54 0.00	20.98 0.48 0.00	20.23 0.47 0.00	23.13 0.48 0.00	25.08 0.55 0.00	24.18 0.54 0.00	20.70 0.64 0.00	17.78 0.74 0.00	19.35 0.84 0.00	15.81 0.73 0.00	15.90 0.78 0.00	18.53 0.95 0.00	19.84 1.02 0.00	20.11 1.09 0.00	21.18 1.19 0.00	29.80 1.62 0.00	34.45 1.72 0.00	38.42 1.75 0.00	36.84 1.62 0.00	41.55 1.74 0.00	28.29 1.24 0.00	26.76 1.24 0.00	26.07 1.18 0.00

CHESTROR_138KV_BK263 355645	21.28 0.27 0.00	21.33 0.23 0.00	20.68 0.18 0.00	19.94 0.17 0.00	22.80 0.15 0.00	24.70 0.18 0.00	23.81 0.18 0.00	20.30 0.25 0.00	17.35 0.32 0.00	18.86 0.35 0.00	15.38 0.30 0.00	15.46 0.33 0.00	18.01 0.43 0.00	19.30 0.48 0.00	19.54 0.52 0.00	20.59 0.59 0.00	29.01 0.82 0.00	33.62 0.90 0.00	37.62 0.94 0.00	36.16 0.95 0.00	40.82 1.01 0.00	27.76 0.71 0.00	26.24 0.71 0.00	25.58 0.69 0.00
CH_MIDHUDSON___DRP 24192	21.45 0.44 0.00	21.51 0.40 0.00	20.86 0.35 0.00	20.10 0.34 0.00	22.99 0.34 0.00	24.90 0.37 0.00	23.99 0.35 0.00	20.49 0.43 0.00	17.53 0.50 0.00	19.05 0.54 0.00	15.54 0.47 0.00	15.63 0.51 0.00	18.20 0.62 0.00	19.50 0.67 0.00	19.76 0.73 0.00	20.82 0.82 0.00	29.34 1.16 0.00	34.02 1.30 0.00	38.06 1.39 0.00	36.60 1.38 0.00	41.31 1.50 0.00	28.06 1.01 0.00	26.51 0.99 0.00	25.83 0.94 0.00
CH_MISC_IPPS 23765	21.55 0.53 0.00	21.59 0.50 0.00	20.94 0.43 0.00	20.17 0.42 0.00	23.07 0.43 0.00	25.00 0.48 0.00	24.10 0.46 0.00	20.58 0.51 0.00	17.59 0.56 0.00	19.12 0.61 0.00	15.59 0.52 0.00	15.68 0.56 0.00	18.27 0.69 0.00	19.57 0.75 0.00	19.83 0.81 0.00	20.91 0.91 0.00	29.49 1.30 0.00	34.20 1.48 0.00	38.27 1.60 0.00	36.78 1.57 0.00	41.51 1.70 0.00	28.20 1.15 0.00	26.64 1.11 0.00	25.94 1.05 0.00
CH_RES_BVR_FALLS 23983	21.12 0.10 0.00	21.21 0.11 0.00	20.63 0.12 0.00	19.88 0.12 0.00	22.79 0.14 0.00	24.67 0.15 0.00	23.78 0.14 0.00	20.16 0.10 0.00	17.09 0.06 0.00	18.58 0.07 0.00	15.13 0.06 0.00	15.16 0.04 0.00	17.61 0.04 0.00	18.86 0.04 0.00	19.07 0.04 0.00	20.05 0.05 0.00	28.27 0.09 0.00	32.85 0.13 0.00	36.81 0.14 0.00	35.46 0.24 0.00	40.14 0.33 0.00	27.35 0.30 0.00	25.75 0.23 0.00	25.14 0.25 0.00
CH_RES_NIAGARA 23895	20.43 -0.59 0.00	20.64 -0.46 0.00	20.09 -0.42 0.00	19.47 -0.29 0.00	22.44 -0.21 0.00	24.33 -0.20 0.00	23.30 -0.33 0.00	19.42 -0.64 0.00	16.38 -0.66 0.00	17.89 -0.62 0.00	14.56 -0.51 0.00	14.57 -0.55 0.00	16.92 -0.65 0.00	18.14 -0.68 0.00	18.24 -0.78 0.00	19.15 -0.85 0.00	26.89 -1.30 0.00	30.90 -1.82 0.00	34.77 -1.91 0.00	33.78 -1.44 0.00	38.08 -1.73 0.00	26.09 -0.96 0.00	24.55 -0.97 0.00	24.19 -0.69 0.00
CH_RES_SYRACUSE 23985	20.78 -0.23 0.00	20.88 -0.22 0.00	20.28 -0.22 0.00	19.56 -0.20 0.00	22.42 -0.22 0.00	24.30 -0.22 0.00	23.40 -0.23 0.00	19.82 -0.24 0.00	16.80 -0.23 0.00	18.22 -0.29 0.00	14.83 -0.25 0.00	14.87 -0.24 0.00	17.32 -0.26 0.00	18.56 -0.27 0.00	18.74 -0.29 0.00	19.67 -0.33 0.00	27.67 -0.51 0.00	32.15 -0.57 0.00	36.19 -0.48 0.00	34.97 -0.25 0.00	39.53 -0.28 0.00	26.85 -0.20 0.00	25.30 -0.22 0.00	24.67 -0.22 0.00
CLINTON_WT_PWR 323605	21.45 0.43 0.00	21.54 0.44 0.00	20.97 0.46 0.00	20.18 0.42 0.00	23.10 0.45 0.00	25.05 0.52 0.00	24.18 0.55 0.00	20.52 0.46 0.00	17.38 0.34 0.00	18.89 0.38 0.00	15.37 0.29 0.00	15.38 0.26 0.00	17.84 0.26 0.00	19.11 0.29 0.00	19.33 0.30 0.00	20.35 0.34 0.00	28.75 0.56 0.00	33.44 0.72 0.00	37.51 0.84 0.00	36.20 0.98 0.00	41.02 1.20 0.00	27.98 0.93 0.00	26.28 0.75 0.00	25.65 0.76 0.00
CLINTON___LFGE 323618	21.69 0.68 0.00	21.77 0.67 0.00	21.20 0.69 0.00	20.40 0.63 0.00	23.36 0.71 0.00	25.33 0.80 0.00	24.45 0.81 0.00	20.74 0.68 0.00	17.54 0.50 0.00	19.03 0.53 0.00	15.48 0.40 0.00	15.49 0.37 0.00	17.98 0.40 0.00	19.26 0.43 0.00	19.47 0.44 0.00	20.52 0.52 0.00	29.01 0.82 0.00	33.81 1.09 0.00	38.01 1.33 0.00	36.80 1.58 0.00	41.68 1.87 0.00	28.39 1.34 0.00	26.63 1.11 0.00	25.96 1.08 0.00
COBBLENY_34_KV_TB1 80064	20.67 -0.34 0.00	20.87 -0.23 0.00	20.30 -0.20 0.00	19.66 -0.10 0.00	22.64 -0.01 0.00	24.59 0.06 0.00	23.60 -0.04 0.00	19.68 -0.38 0.00	16.61 -0.42 0.00	18.11 -0.40 0.00	14.72 -0.36 0.00	14.72 -0.40 0.00	17.14 -0.44 0.00	18.38 -0.45 0.00	18.49 -0.54 0.00	19.44 -0.55 0.00	27.31 -0.87 0.00	31.46 -1.26 0.00	35.47 -1.20 0.00	34.54 -0.68 0.00	38.90 -0.90 0.00	26.56 -0.49 0.00	24.98 -0.54 0.00	24.55 -0.33 0.00
COFFEEN___115KV_TB3 355620	22.17 1.15 0.00	22.24 1.15 0.00	21.58 1.08 0.00	20.80 1.04 0.00	23.84 1.19 0.00	25.85 1.32 0.00	24.86 1.22 0.00	20.97 0.91 0.00	17.47 0.44 0.00	18.67 0.17 0.00	15.08 0.00 0.00	15.06 -0.06 0.00	17.44 -0.14 0.00	18.74 -0.09 0.00	18.98 -0.05 0.00	19.96 -0.04 0.00	28.34 0.16 0.00	33.07 0.35 0.00	38.15 1.48 0.00	37.63 2.41 0.00	42.81 3.00 0.00	29.01 1.96 0.00	27.20 1.68 0.00	26.44 1.55 0.00
COLDSPRG_115KV_BK1 355956	20.92 -0.09 0.00	21.15 0.05 0.00	20.58 0.08 0.00	19.94 0.17 0.00	23.00 0.35 0.00	25.04 0.51 0.00	24.06 0.43 0.00	20.08 0.02 0.00	16.99 -0.04 0.00	18.51 0.00 0.00	15.02 -0.05 0.00	15.00 -0.12 0.00	17.46 -0.12 0.00	18.69 -0.13 0.00	18.78 -0.25 0.00	19.75 -0.25 0.00	27.76 -0.42 0.00	31.98 -0.74 0.00	36.08 -0.60 0.00	35.20 -0.01 0.00	39.51 -0.30 0.00	26.85 -0.20 0.00	25.26 -0.26 0.00	24.80 -0.09 0.00
COLONIE_LFGE___ 323577	21.36 0.34 0.00	21.46 0.36 0.00	20.83 0.33 0.00	20.08 0.32 0.00	23.01 0.36 0.00	24.89 0.36 0.00	23.97 0.33 0.00	20.39 0.33 0.00	17.33 0.30 0.00	18.80 0.29 0.00	15.30 0.22 0.00	15.35 0.23 0.00	17.86 0.28 0.00	19.11 0.28 0.00	19.34 0.31 0.00	20.39 0.39 0.00	28.81 0.63 0.00	33.53 0.81 0.00	37.67 1.00 0.00	36.44 1.22 0.00	41.19 1.38 0.00	27.93 0.88 0.00	26.39 0.86 0.00	25.69 0.80 0.00
COOPERNY_115KV_TB1 80082	21.18 0.16 0.00	21.23 0.13 0.00	20.60 0.09 0.00	19.86 0.10 0.00	22.72 0.08 0.00	24.63 0.10 0.00	23.73 0.09 0.00	20.20 0.14 0.00	17.24 0.20 0.00	18.73 0.23 0.00	15.28 0.20 0.00	15.35 0.23 0.00	17.87 0.29 0.00	19.14 0.32 0.00	19.36 0.33 0.00	20.38 0.38 0.00	28.70 0.52 0.00	33.29 0.57 0.00	37.27 0.60 0.00	35.85 0.63 0.00	40.45 0.64 0.00	27.52 0.47 0.00	26.00 0.48 0.00	25.35 0.46 0.00
COPENHAGEN_WT_PWR 323753	21.91 0.90 0.00	22.01 0.91 0.00	21.35 0.85 0.00	20.58 0.82 0.00	23.59 0.94 0.00	25.56 1.04 0.00	24.56 0.92 0.00	20.73 0.67 0.00	17.34 0.31 0.00	18.60 0.09 0.00	15.04 -0.04 0.00	15.03 -0.09 0.00	17.39 -0.19 0.00	18.67 -0.15 0.00	18.93 -0.10 0.00	19.90 -0.10 0.00	28.23 0.05 0.00	32.90 0.17 0.00	37.77 1.09 0.00	37.06 1.84 0.00	42.18 2.37 0.00	28.60 1.55 0.00	26.84 1.31 0.00	26.11 1.23 0.00
CORNELL_____ 23752	21.08 0.07 0.00	21.19 0.08 0.00	20.57 0.06 0.00	19.84 0.08 0.00	22.75 0.11 0.00	24.69 0.17 0.00	23.79 0.16 0.00	20.11 0.05 0.00	16.98 -0.05 0.00	18.33 -0.18 0.00	14.88 -0.20 0.00	14.91 -0.21 0.00	17.36 -0.22 0.00	18.62 -0.21 0.00	18.81 -0.21 0.00	19.84 -0.16 0.00	27.92 -0.27 0.00	32.47 -0.25 0.00	36.73 0.05 0.00	35.74 0.52 0.00	40.37 0.56 0.00	27.39 0.34 0.00	25.77 0.25 0.00	25.11 0.22 0.00

CORONA__69_KV_TB1 355595	21.69 0.67 0.00	21.66 0.55 0.00	20.98 0.47 0.00	20.21 0.45 0.00	23.09 0.44 0.00	25.01 0.49 0.00	24.10 0.47 0.00	20.62 0.57 0.00	17.84 0.81 0.00	19.39 0.88 0.00	28.68 0.89 -12.71	30.23 0.97 -14.13	27.15 1.17 -8.40	35.50 1.22 -15.45	61.69 1.23 -41.42	77.09 1.34 -55.75	82.11 1.83 -52.10	98.51 1.93 -63.85	105.58 2.07 -66.84	99.20 1.95 -62.04	74.75 2.10 -32.83	70.51 1.53 -41.92	73.27 1.54 -46.21	73.76 1.56 -47.32
CORTLAND__115KV_TB3 80093	20.94 -0.07 0.00	21.05 -0.05 0.00	20.44 -0.06 0.00	19.72 -0.04 0.00	22.61 -0.04 0.00	24.52 0.00 0.00	23.63 0.00 0.00	19.99 -0.07 0.00	16.92 -0.11 0.00	18.32 -0.19 0.00	14.90 -0.18 0.00	14.93 -0.19 0.00	17.39 -0.19 0.00	18.64 -0.19 0.00	18.83 -0.20 0.00	19.81 -0.19 0.00	27.89 -0.30 0.00	32.46 -0.27 0.00	36.55 -0.12 0.00	35.43 0.21 0.00	40.03 0.21 0.00	27.17 0.12 0.00	25.60 0.08 0.00	24.94 0.06 0.00
COXSACKIE__GT 23611	21.70 0.68 0.00	21.77 0.67 0.00	21.13 0.62 0.00	20.36 0.60 0.00	23.31 0.66 0.00	25.25 0.72 0.00	24.34 0.71 0.00	20.72 0.66 0.00	17.47 0.43 0.00	18.80 0.30 0.00	15.29 0.21 0.00	15.35 0.23 0.00	17.84 0.26 0.00	19.12 0.30 0.00	19.40 0.37 0.00	20.45 0.45 0.00	29.30 1.11 0.00	34.12 1.40 0.00	38.73 2.06 0.00	37.75 2.53 0.00	42.72 2.91 0.00	28.91 1.86 0.00	27.22 1.69 0.00	26.42 1.54 0.00
CPV_VALLEY__CC1 323721	21.16 0.14 0.00	21.20 0.10 0.00	20.57 0.06 0.00	19.82 0.06 0.00	22.68 0.03 0.00	24.57 0.05 0.00	23.68 0.04 0.00	20.19 0.13 0.00	17.25 0.22 0.00	18.75 0.25 0.00	15.30 0.22 0.00	15.38 0.26 0.00	17.92 0.33 0.00	19.20 0.37 0.00	19.43 0.40 0.00	20.46 0.46 0.00	28.81 0.62 0.00	33.38 0.66 0.00	37.35 0.68 0.00	35.89 0.67 0.00	40.51 0.70 0.00	27.56 0.51 0.00	26.05 0.52 0.00	25.41 0.52 0.00
CPV_VALLEY__CC2 323722	21.16 0.14 0.00	21.20 0.10 0.00	20.57 0.06 0.00	19.82 0.06 0.00	22.68 0.03 0.00	24.57 0.05 0.00	23.68 0.04 0.00	20.19 0.13 0.00	17.25 0.22 0.00	18.75 0.25 0.00	15.30 0.22 0.00	15.38 0.26 0.00	17.92 0.33 0.00	19.20 0.37 0.00	19.43 0.40 0.00	20.46 0.46 0.00	28.81 0.62 0.00	33.38 0.66 0.00	37.35 0.68 0.00	35.89 0.67 0.00	40.51 0.70 0.00	27.56 0.51 0.00	26.05 0.52 0.00	25.41 0.52 0.00
CRESCENT__HYD 24018	21.36 0.34 0.00	21.46 0.36 0.00	20.83 0.33 0.00	20.08 0.32 0.00	23.01 0.36 0.00	24.89 0.36 0.00	23.97 0.33 0.00	20.39 0.33 0.00	17.33 0.30 0.00	18.80 0.29 0.00	15.30 0.22 0.00	15.35 0.23 0.00	17.86 0.28 0.00	19.11 0.28 0.00	19.34 0.31 0.00	20.39 0.39 0.00	28.81 0.63 0.00	33.53 0.81 0.00	37.67 1.00 0.00	36.44 1.22 0.00	41.19 1.38 0.00	27.93 0.88 0.00	26.39 0.86 0.00	25.69 0.80 0.00
CRICKET__VALLEY_CC1 323756	21.20 0.19 0.00	21.28 0.18 0.00	20.65 0.15 0.00	19.90 0.13 0.00	22.76 0.11 0.00	24.63 0.11 0.00	23.70 0.07 0.00	20.28 0.22 0.00	17.33 0.30 0.00	18.82 0.32 0.00	15.36 0.28 0.00	15.44 0.32 0.00	17.98 0.40 0.00	19.26 0.43 0.00	19.50 0.47 0.00	20.54 0.54 0.00	28.95 0.76 0.00	33.54 0.81 0.00	37.54 0.87 0.00	36.15 0.94 0.00	40.82 1.01 0.00	27.71 0.66 0.00	26.19 0.67 0.00	25.51 0.62 0.00
CRICKET__VALLEY_CC2 323757	21.20 0.19 0.00	21.28 0.18 0.00	20.65 0.15 0.00	19.90 0.13 0.00	22.76 0.11 0.00	24.63 0.11 0.00	23.70 0.07 0.00	20.28 0.22 0.00	17.33 0.30 0.00	18.82 0.32 0.00	15.36 0.28 0.00	15.44 0.32 0.00	17.98 0.40 0.00	19.26 0.43 0.00	19.50 0.47 0.00	20.54 0.54 0.00	28.95 0.76 0.00	33.54 0.81 0.00	37.54 0.87 0.00	36.15 0.94 0.00	40.82 1.01 0.00	27.71 0.66 0.00	26.19 0.67 0.00	25.51 0.62 0.00
CRICKET__VALLEY_CC3 323758	21.20 0.19 0.00	21.28 0.18 0.00	20.65 0.15 0.00	19.90 0.13 0.00	22.76 0.11 0.00	24.63 0.11 0.00	23.70 0.07 0.00	20.28 0.22 0.00	17.33 0.30 0.00	18.82 0.32 0.00	15.36 0.28 0.00	15.44 0.32 0.00	17.98 0.40 0.00	19.26 0.43 0.00	19.50 0.47 0.00	20.54 0.54 0.00	28.95 0.76 0.00	33.54 0.81 0.00	37.54 0.87 0.00	36.15 0.94 0.00	40.82 1.01 0.00	27.71 0.66 0.00	26.19 0.67 0.00	25.51 0.62 0.00
CRUCIBLE_METL_DRP 24180	20.78 -0.23 0.00	20.88 -0.22 0.00	20.28 -0.22 0.00	19.56 -0.20 0.00	22.42 -0.22 0.00	24.30 -0.22 0.00	23.40 -0.23 0.00	19.82 -0.24 0.00	16.80 -0.23 0.00	18.22 -0.29 0.00	14.83 -0.25 0.00	14.88 -0.24 0.00	17.32 -0.26 0.00	18.56 -0.27 0.00	18.74 -0.29 0.00	19.67 -0.33 0.00	27.67 -0.51 0.00	32.15 -0.57 0.00	36.19 -0.48 0.00	34.97 -0.25 0.00	39.53 -0.28 0.00	26.85 -0.20 0.00	25.30 -0.22 0.00	24.67 -0.22 0.00
DAHOWA__HYDRO 323763	21.85 0.84 0.00	21.95 0.85 0.00	21.30 0.80 0.00	20.53 0.77 0.00	23.54 0.90 0.00	25.48 0.96 0.00	24.54 0.91 0.00	20.85 0.78 0.00	17.64 0.60 0.00	19.04 0.53 0.00	15.43 0.36 0.00	15.47 0.35 0.00	18.01 0.43 0.00	19.26 0.43 0.00	19.50 0.47 0.00	20.59 0.59 0.00	29.15 0.96 0.00	34.21 1.48 0.00	38.63 1.96 0.00	37.51 2.29 0.00	42.37 2.56 0.00	28.65 1.60 0.00	27.02 1.50 0.00	26.28 1.39 0.00
DANC__LFGE 323619	21.41 0.39 0.00	21.50 0.40 0.00	20.87 0.36 0.00	20.12 0.36 0.00	23.06 0.41 0.00	24.98 0.46 0.00	24.03 0.39 0.00	20.31 0.25 0.00	17.08 0.04 0.00	18.39 -0.12 0.00	14.90 -0.18 0.00	14.91 -0.21 0.00	17.29 -0.29 0.00	18.55 -0.28 0.00	18.77 -0.26 0.00	19.71 -0.29 0.00	27.85 -0.33 0.00	32.40 -0.33 0.00	36.97 0.30 0.00	36.08 0.86 0.00	40.97 1.16 0.00	27.80 0.75 0.00	26.17 0.64 0.00	25.46 0.58 0.00
DANSKAMMER__1 23586	21.55 0.53 0.00	21.59 0.50 0.00	20.94 0.43 0.00	20.17 0.42 0.00	23.07 0.43 0.00	25.00 0.48 0.00	24.10 0.46 0.00	20.58 0.51 0.00	17.59 0.56 0.00	19.12 0.61 0.00	15.59 0.52 0.00	15.68 0.56 0.00	18.27 0.69 0.00	19.57 0.75 0.00	19.83 0.81 0.00	20.91 0.91 0.00	29.49 1.30 0.00	34.20 1.48 0.00	38.27 1.60 0.00	36.78 1.57 0.00	41.51 1.70 0.00	28.20 1.15 0.00	26.64 1.11 0.00	25.94 1.05 0.00
DANSKAMMER__2 23589	21.55 0.53 0.00	21.59 0.50 0.00	20.94 0.43 0.00	20.17 0.42 0.00	23.07 0.43 0.00	25.00 0.48 0.00	24.10 0.46 0.00	20.58 0.51 0.00	17.59 0.56 0.00	19.12 0.61 0.00	15.59 0.52 0.00	15.68 0.56 0.00	18.27 0.69 0.00	19.57 0.75 0.00	19.83 0.81 0.00	20.91 0.91 0.00	29.49 1.30 0.00	34.20 1.48 0.00	38.27 1.60 0.00	36.78 1.57 0.00	41.51 1.70 0.00	28.20 1.15 0.00	26.64 1.11 0.00	25.94 1.05 0.00
DANSKAMMER__3 23590	21.55 0.53 0.00	21.59 0.50 0.00	20.94 0.43 0.00	20.17 0.42 0.00	23.07 0.43 0.00	25.00 0.48 0.00	24.10 0.46 0.00	20.58 0.51 0.00	17.59 0.56 0.00	19.12 0.61 0.00	15.59 0.52 0.00	15.68 0.56 0.00	18.27 0.69 0.00	19.57 0.75 0.00	19.83 0.81 0.00	20.91 0.91 0.00	29.49 1.30 0.00	34.20 1.48 0.00	38.27 1.60 0.00	36.78 1.57 0.00	41.51 1.70 0.00	28.20 1.15 0.00	26.64 1.11 0.00	25.94 1.05 0.00

DANSKAMMER___4 23591	21.55 0.53 0.00	21.59 0.50 0.00	20.94 0.43 0.00	20.17 0.42 0.00	23.07 0.43 0.00	25.00 0.48 0.00	24.10 0.46 0.00	20.58 0.51 0.00	17.59 0.56 0.00	19.12 0.61 0.00	15.59 0.52 0.00	15.68 0.56 0.00	18.27 0.69 0.00	19.57 0.75 0.00	19.83 0.81 0.00	20.91 0.91 0.00	29.49 1.30 0.00	34.20 1.48 0.00	38.27 1.60 0.00	36.78 1.57 0.00	41.51 1.70 0.00	28.20 1.15 0.00	26.64 1.11 0.00	25.94 1.05 0.00
DANSKAMMER___DIESEL 23592	21.55 0.54 0.00	21.60 0.50 0.00	20.94 0.43 0.00	20.17 0.42 0.00	23.07 0.43 0.00	25.00 0.48 0.00	24.10 0.46 0.00	20.57 0.51 0.00	17.59 0.56 0.00	19.12 0.61 0.00	15.59 0.52 0.00	15.68 0.56 0.00	18.27 0.69 0.00	19.57 0.75 0.00	19.83 0.80 0.00	20.91 0.91 0.00	29.49 1.30 0.00	34.20 1.48 0.00	38.27 1.60 0.00	36.79 1.57 0.00	41.51 1.70 0.00	28.20 1.16 0.00	26.64 1.11 0.00	25.94 1.05 0.00
DARBY___SOLAR 323810	21.75 0.73 0.00	21.84 0.74 0.00	21.20 0.70 0.00	20.43 0.67 0.00	23.43 0.78 0.00	25.36 0.83 0.00	24.42 0.79 0.00	20.74 0.68 0.00	17.55 0.52 0.00	18.96 0.45 0.00	15.38 0.30 0.00	15.41 0.29 0.00	17.94 0.36 0.00	19.19 0.36 0.00	19.44 0.41 0.00	20.52 0.52 0.00	29.03 0.85 0.00	34.03 1.31 0.00	38.40 1.73 0.00	37.25 2.03 0.00	42.10 2.29 0.00	28.48 1.43 0.00	26.86 1.34 0.00	26.14 1.25 0.00
DASHVILLE___HYD 23610	21.32 0.31 0.00	21.36 0.25 0.00	20.71 0.20 0.00	19.95 0.19 0.00	22.82 0.17 0.00	24.72 0.20 0.00	23.83 0.20 0.00	20.35 0.29 0.00	17.40 0.37 0.00	18.93 0.42 0.00	15.45 0.37 0.00	15.53 0.41 0.00	18.09 0.51 0.00	19.37 0.54 0.00	19.61 0.58 0.00	20.64 0.64 0.00	29.06 0.87 0.00	33.69 0.96 0.00	37.70 1.03 0.00	36.24 1.02 0.00	40.91 1.10 0.00	27.81 0.76 0.00	26.27 0.75 0.00	25.59 0.70 0.00
DELAWARE___LFGE 323621	21.24 0.23 0.00	21.32 0.22 0.00	20.70 0.20 0.00	19.96 0.20 0.00	22.86 0.22 0.00	24.80 0.27 0.00	23.89 0.25 0.00	20.26 0.21 0.00	17.24 0.21 0.00	18.76 0.25 0.00	15.30 0.23 0.00	15.35 0.23 0.00	17.85 0.27 0.00	19.11 0.29 0.00	19.33 0.30 0.00	20.31 0.31 0.00	28.59 0.41 0.00	33.22 0.50 0.00	37.28 0.60 0.00	35.92 0.71 0.00	40.57 0.76 0.00	27.51 0.46 0.00	25.94 0.41 0.00	25.29 0.40 0.00
DERFIELD_115KV_TB7 355931	20.99 -0.03 0.00	21.07 -0.03 0.00	20.47 -0.04 0.00	19.72 -0.04 0.00	22.61 -0.04 0.00	24.48 -0.05 0.00	23.59 -0.05 0.00	20.02 -0.04 0.00	17.01 -0.02 0.00	18.47 -0.04 0.00	15.05 -0.03 0.00	15.10 -0.01 0.00	17.56 -0.02 0.00	18.80 -0.02 0.00	19.01 -0.02 0.00	20.00 0.00 0.00	28.18 0.00 0.00	32.75 0.03 0.00	36.74 0.07 0.00	35.36 0.14 0.00	39.98 0.17 0.00	27.16 0.11 0.00	25.63 0.10 0.00	24.99 0.10 0.00
DOGLEVILLE___HYD 23807	21.09 0.08 0.00	21.19 0.08 0.00	20.58 0.07 0.00	19.82 0.06 0.00	22.69 0.04 0.00	24.59 0.06 0.00	23.68 0.05 0.00	20.05 -0.01 0.00	16.83 -0.20 0.00	18.11 -0.40 0.00	14.74 -0.34 0.00	14.79 -0.33 0.00	17.20 -0.38 0.00	18.49 -0.33 0.00	18.84 -0.19 0.00	19.97 -0.03 0.00	28.18 0.00 0.00	33.41 0.69 0.00	37.68 1.01 0.00	36.67 1.45 0.00	41.41 1.60 0.00	28.04 0.99 0.00	26.40 0.88 0.00	25.65 0.77 0.00
DUNKIRK___115KV_TB_200 55889	20.71 -0.31 0.00	20.93 -0.17 0.00	20.37 -0.13 0.00	19.74 -0.02 0.00	22.74 0.09 0.00	24.73 0.21 0.00	23.76 0.12 0.00	19.80 -0.25 0.00	16.73 -0.30 0.00	18.21 -0.30 0.00	14.80 -0.28 0.00	14.79 -0.33 0.00	17.23 -0.36 0.00	18.46 -0.36 0.00	18.54 -0.48 0.00	19.51 -0.49 0.00	27.40 -0.79 0.00	31.56 -1.17 0.00	35.57 -1.10 0.00	34.73 -0.49 0.00	38.94 -0.87 0.00	26.49 -0.56 0.00	24.95 -0.58 0.00	24.52 -0.36 0.00
DUNKIRK___1 23563	20.71 -0.31 0.00	20.93 -0.17 0.00	20.37 -0.13 0.00	19.74 -0.02 0.00	22.74 0.09 0.00	24.73 0.21 0.00	23.76 0.12 0.00	19.80 -0.25 0.00	16.73 -0.30 0.00	18.21 -0.30 0.00	14.80 -0.28 0.00	14.79 -0.33 0.00	17.23 -0.36 0.00	18.46 -0.36 0.00	18.54 -0.48 0.00	19.51 -0.49 0.00	27.40 -0.79 0.00	31.56 -1.17 0.00	35.57 -1.10 0.00	34.73 -0.49 0.00	38.94 -0.87 0.00	26.49 -0.56 0.00	24.95 -0.58 0.00	24.52 -0.36 0.00
DUNKIRK___2 23564	20.71 -0.31 0.00	20.93 -0.17 0.00	20.37 -0.13 0.00	19.74 -0.02 0.00	22.74 0.09 0.00	24.73 0.21 0.00	23.76 0.12 0.00	19.80 -0.25 0.00	16.73 -0.30 0.00	18.21 -0.30 0.00	14.80 -0.28 0.00	14.79 -0.33 0.00	17.23 -0.36 0.00	18.46 -0.36 0.00	18.54 -0.48 0.00	19.51 -0.49 0.00	27.40 -0.79 0.00	31.56 -1.17 0.00	35.57 -1.10 0.00	34.73 -0.49 0.00	38.94 -0.87 0.00	26.49 -0.56 0.00	24.95 -0.58 0.00	24.52 -0.36 0.00
DUNKIRK___3 23565	20.64 -0.37 0.00	20.86 -0.24 0.00	20.30 -0.21 0.00	19.67 -0.09 0.00	22.66 0.01 0.00	24.64 0.12 0.00	23.66 0.03 0.00	19.73 -0.33 0.00	16.67 -0.37 0.00	18.15 -0.36 0.00	14.75 -0.33 0.00	14.75 -0.37 0.00	17.17 -0.41 0.00	18.40 -0.43 0.00	18.49 -0.54 0.00	19.45 -0.55 0.00	27.32 -0.86 0.00	31.47 -1.26 0.00	35.45 -1.22 0.00	34.57 -0.64 0.00	38.83 -0.98 0.00	26.45 -0.60 0.00	24.89 -0.63 0.00	24.48 -0.41 0.00
DUNKIRK___4 23566	20.64 -0.37 0.00	20.86 -0.24 0.00	20.30 -0.21 0.00	19.67 -0.09 0.00	22.66 0.01 0.00	24.64 0.12 0.00	23.66 0.03 0.00	19.73 -0.33 0.00	16.67 -0.37 0.00	18.15 -0.36 0.00	14.75 -0.33 0.00	14.75 -0.37 0.00	17.17 -0.41 0.00	18.40 -0.43 0.00	18.49 -0.54 0.00	19.45 -0.55 0.00	27.32 -0.86 0.00	31.47 -1.26 0.00	35.45 -1.22 0.00	34.57 -0.64 0.00	38.83 -0.98 0.00	26.45 -0.60 0.00	24.89 -0.63 0.00	24.48 -0.41 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	21.52 0.50 0.00	21.54 0.44 0.00	20.88 0.38 0.00	20.12 0.36 0.00	23.00 0.35 0.00	24.91 0.39 0.00	24.01 0.38 0.00	20.54 0.48 0.00	17.62 0.58 0.00	19.17 0.66 0.00	15.65 0.58 0.00	15.74 0.63 0.00	18.35 0.77 0.00	19.65 0.83 0.00	19.92 0.89 0.00	20.98 0.98 0.00	29.53 1.35 0.00	34.16 1.44 0.00	38.14 1.46 0.00	36.62 1.40 0.00	41.33 1.52 0.00	28.11 1.06 0.00	26.61 1.08 0.00	25.92 1.04 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	21.41 0.39 0.00	21.45 0.34 0.00	20.79 0.29 0.00	20.04 0.28 0.00	22.92 0.27 0.00	24.83 0.31 0.00	23.93 0.30 0.00	20.42 0.36 0.00	17.46 0.42 0.00	18.97 0.46 0.00	15.47 0.39 0.00	15.55 0.43 0.00	18.12 0.54 0.00	19.41 0.59 0.00	19.66 0.63 0.00	20.72 0.72 0.00	29.20 1.02 0.00	33.87 1.14 0.00	37.90 1.23 0.00	36.44 1.22 0.00	41.12 1.31 0.00	27.96 0.91 0.00	26.42 0.90 0.00	25.74 0.85 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	21.54 0.52 0.00	21.56 0.46 0.00	20.93 0.42 0.00	20.16 0.41 0.00	23.02 0.37 0.00	25.02 0.50 0.00	24.14 0.51 0.00	20.70 0.64 0.00	17.71 0.68 0.00	19.28 0.78 0.00	15.75 0.67 0.00	15.84 0.72 0.00	18.45 0.87 0.00	19.73 0.91 0.00	20.02 0.99 0.00	21.06 1.06 0.00	29.67 1.49 0.00	34.42 1.70 0.00	38.32 1.65 0.00	36.68 1.46 0.00	41.41 1.60 0.00	28.18 1.13 0.00	26.66 1.14 0.00	25.96 1.07 0.00

E179THST_13_KV_LOAD 356214	21.63 0.62 0.00	21.65 0.55 0.00	21.02 0.51 0.00	20.25 0.49 0.00	23.11 0.46 0.00	25.12 0.60 0.00	24.24 0.60 0.00	20.78 0.72 0.00	17.78 0.75 0.00	19.36 0.85 0.00	15.82 0.74 0.00	15.91 0.79 0.00	18.53 0.95 0.00	19.83 1.00 0.00	20.11 1.08 0.00	21.16 1.16 0.00	29.81 1.63 0.00	34.59 1.86 0.00	38.52 1.84 0.00	36.85 1.63 0.00	41.61 1.80 0.00	28.31 1.26 0.00	26.79 1.27 0.00	26.08 1.20 0.00
EAST HAMPTON___GT 23717	21.95 0.94 0.00	21.93 0.83 0.00	21.33 0.83 0.00	20.44 0.68 0.00	23.18 0.53 0.00	25.16 0.64 0.00	24.28 0.65 0.00	20.87 0.81 0.00	18.59 1.56 0.00	20.24 1.74 0.00	15.56 1.54 1.06	17.11 1.61 -0.38	19.99 1.86 -0.55	21.40 1.89 -0.69	23.99 1.99 -2.97	31.58 2.21 -9.37	41.03 3.22 -9.62	49.65 3.70 -13.23	40.35 4.04 0.36	39.83 3.66 -0.96	45.83 3.96 -2.06	32.36 2.65 -2.66	30.98 2.46 -3.00	30.40 2.37 -3.15
EAST RIVER___6 23660	21.58 0.57 0.00	21.60 0.50 0.00	20.95 0.44 0.00	20.19 0.44 0.00	23.08 0.44 0.00	25.03 0.51 0.00	24.14 0.50 0.00	20.67 0.61 0.00	17.75 0.71 0.00	19.32 0.81 0.00	15.78 0.71 0.00	15.88 0.76 0.00	18.51 0.93 0.00	19.82 0.99 0.00	20.09 1.06 0.00	21.16 1.16 0.00	29.77 1.59 0.00	34.39 1.67 0.00	38.37 1.70 0.00	36.78 1.56 0.00	41.49 1.68 0.00	28.24 1.19 0.00	26.72 1.20 0.00	26.03 1.15 0.00
EAST RIVER___7 23524	21.58 0.57 0.00	21.60 0.50 0.00	20.95 0.44 0.00	20.19 0.44 0.00	23.08 0.44 0.00	25.03 0.51 0.00	24.14 0.50 0.00	20.67 0.61 0.00	17.75 0.71 0.00	19.32 0.81 0.00	15.78 0.71 0.00	15.88 0.76 0.00	18.51 0.93 0.00	19.82 0.99 0.00	20.09 1.06 0.00	21.16 1.16 0.00	29.77 1.59 0.00	34.39 1.67 0.00	38.37 1.70 0.00	36.78 1.56 0.00	41.49 1.68 0.00	28.24 1.19 0.00	26.72 1.20 0.00	26.03 1.15 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	21.47 0.46 0.00	21.50 0.40 0.00	20.85 0.34 0.00	20.09 0.33 0.00	22.97 0.33 0.00	24.88 0.36 0.00	23.98 0.35 0.00	20.51 0.44 0.00	17.58 0.55 0.00	19.13 0.62 0.00	15.61 0.53 0.00	15.70 0.59 0.00	18.30 0.72 0.00	19.61 0.78 0.00	19.86 0.84 0.00	20.93 0.94 0.00	29.47 1.28 0.00	34.10 1.38 0.00	38.08 1.41 0.00	36.56 1.35 0.00	41.26 1.45 0.00	28.07 1.02 0.00	26.55 1.03 0.00	25.88 0.99 0.00
EAST_HAMPTON___DIESEL 23722	21.94 0.93 0.00	21.92 0.82 0.00	21.33 0.83 0.00	20.44 0.68 0.00	23.17 0.52 0.00	25.15 0.62 0.00	24.28 0.65 0.00	20.87 0.81 0.00	18.59 1.56 0.00	20.24 1.74 0.00	15.56 1.54 1.06	17.12 1.62 -0.38	20.00 1.87 -0.55	21.41 1.90 -0.69	24.00 2.00 -2.97	31.59 2.22 -9.37	41.04 3.24 -9.62	49.66 3.71 -13.23	40.37 4.06 0.36	39.85 3.67 -0.96	45.84 3.97 -2.06	32.37 2.66 -2.66	30.98 2.46 -3.00	30.40 2.37 -3.15
EAST_POINT___SOLAR 323840	21.96 0.95 0.00	22.04 0.94 0.00	21.41 0.91 0.00	20.63 0.88 0.00	23.67 1.02 0.00	25.65 1.12 0.00	24.71 1.07 0.00	20.51 0.45 0.00	16.84 -0.19 0.00	18.13 -0.38 0.00	14.73 -0.35 0.00	14.76 -0.36 0.00	17.16 -0.42 0.00	18.45 -0.38 0.00	18.84 -0.19 0.00	20.08 0.08 0.00	27.80 -0.39 0.00	33.57 0.85 0.00	37.70 1.02 0.00	36.96 1.74 0.00	41.82 2.01 0.00	28.38 1.33 0.00	26.66 1.14 0.00	25.95 1.06 0.00
EAST_PULASKI___ESR 323781	20.93 -0.08 0.00	21.02 -0.08 0.00	20.41 -0.10 0.00	19.68 -0.08 0.00	22.55 -0.10 0.00	24.43 -0.10 0.00	23.52 -0.11 0.00	19.91 -0.15 0.00	16.83 -0.21 0.00	18.20 -0.31 0.00	14.79 -0.29 0.00	14.81 -0.31 0.00	17.22 -0.36 0.00	18.44 -0.38 0.00	18.63 -0.39 0.00	19.55 -0.45 0.00	27.52 -0.66 0.00	31.96 -0.76 0.00	36.21 -0.46 0.00	35.16 -0.06 0.00	39.83 0.02 0.00	27.04 0.00 0.00	25.51 -0.01 0.00	24.83 -0.05 0.00
EAST_RIVER___1 323558	21.56 0.55 0.00	21.58 0.48 0.00	20.94 0.43 0.00	20.19 0.43 0.00	23.07 0.43 0.00	25.01 0.49 0.00	24.12 0.48 0.00	20.65 0.59 0.00	17.73 0.69 0.00	19.29 0.79 0.00	15.76 0.68 0.00	15.86 0.74 0.00	18.48 0.90 0.00	19.79 0.96 0.00	20.06 1.03 0.00	21.12 1.12 0.00	29.72 1.53 0.00	34.34 1.62 0.00	38.30 1.63 0.00	36.72 1.51 0.00	41.44 1.62 0.00	28.21 1.16 0.00	26.69 1.17 0.00	26.00 1.12 0.00
EAST_RIVER___2 323559	21.58 0.57 0.00	21.60 0.50 0.00	20.95 0.44 0.00	20.19 0.44 0.00	23.08 0.44 0.00	25.03 0.51 0.00	24.14 0.50 0.00	20.67 0.61 0.00	17.75 0.71 0.00	19.32 0.81 0.00	15.78 0.71 0.00	15.88 0.76 0.00	18.51 0.93 0.00	19.82 0.99 0.00	20.09 1.06 0.00	21.16 1.16 0.00	29.77 1.59 0.00	34.39 1.67 0.00	38.37 1.70 0.00	36.78 1.56 0.00	41.49 1.68 0.00	28.24 1.19 0.00	26.72 1.20 0.00	26.03 1.15 0.00
EAST___DELAWARE_HYD 23607	21.07 0.06 0.00	21.10 0.00 0.00	20.45 -0.06 0.00	19.70 -0.06 0.00	22.53 -0.12 0.00	24.41 -0.12 0.00	23.53 -0.10 0.00	20.08 0.02 0.00	17.14 0.10 0.00	18.59 0.09 0.00	15.13 0.06 0.00	15.20 0.08 0.00	17.70 0.12 0.00	18.89 0.06 0.00	18.71 -0.32 0.00	19.75 -0.25 0.00	27.84 -0.35 0.00	32.36 -0.37 0.00	36.31 -0.36 0.00	34.92 -0.30 0.00	39.52 -0.28 0.00	27.49 0.44 0.00	25.95 0.43 0.00	25.27 0.38 0.00
EIGHT_POINT___WT_PWR 323820	20.69 -0.33 0.00	20.84 -0.26 0.00	20.29 -0.21 0.00	19.67 -0.09 0.00	22.66 0.01 0.00	24.62 0.09 0.00	23.65 0.01 0.00	19.74 -0.32 0.00	16.61 -0.42 0.00	17.98 -0.53 0.00	14.58 -0.49 0.00	14.57 -0.55 0.00	17.00 -0.58 0.00	18.24 -0.59 0.00	18.36 -0.67 0.00	19.33 -0.67 0.00	27.25 -0.93 0.00	31.52 -1.20 0.00	35.81 -0.86 0.00	35.03 -0.18 0.00	39.46 -0.35 0.00	26.70 -0.35 0.00	25.15 -0.37 0.00	24.64 -0.25 0.00
ELBRIDGE_115KV_TB2 80188	20.69 -0.33 0.00	20.80 -0.30 0.00	20.20 -0.31 0.00	19.46 -0.30 0.00	22.31 -0.33 0.00	24.21 -0.32 0.00	23.30 -0.34 0.00	19.74 -0.32 0.00	16.74 -0.30 0.00	18.13 -0.37 0.00	14.75 -0.32 0.00	14.81 -0.31 0.00	17.23 -0.35 0.00	18.46 -0.36 0.00	18.63 -0.40 0.00	19.55 -0.45 0.00	27.50 -0.68 0.00	31.98 -0.75 0.00	35.95 -0.72 0.00	34.78 -0.43 0.00	39.32 -0.49 0.00	26.72 -0.33 0.00	25.17 -0.35 0.00	24.55 -0.34 0.00
ELEC_TRO_TEK 24086	21.56 0.55 0.00	21.54 0.44 0.00	20.88 0.37 0.00	20.11 0.35 0.00	22.95 0.30 0.00	24.88 0.36 0.00	23.97 0.33 0.00	20.53 0.47 0.00	17.76 0.72 0.00	19.29 0.78 0.00	20.85 0.80 -4.97	22.98 0.89 -6.97	23.09 1.06 -4.45	27.76 1.10 -7.83	41.85 1.12 -21.71	55.55 1.21 -34.35	62.88 1.63 -33.07	76.77 1.70 -42.35	71.20 1.80 -32.73	66.80 1.67 -29.91	58.48 1.80 -16.87	50.08 1.33 -21.70	51.00 1.35 -24.13	51.34 1.37 -25.09
ELLENBURG_WT_PWR 323604	21.45 0.43 0.00	21.54 0.44 0.00	20.97 0.46 0.00	20.18 0.42 0.00	23.10 0.45 0.00	25.05 0.52 0.00	24.18 0.55 0.00	20.52 0.46 0.00	17.38 0.34 0.00	18.89 0.38 0.00	15.37 0.29 0.00	15.38 0.26 0.00	17.84 0.26 0.00	19.11 0.29 0.00	19.33 0.30 0.00	20.35 0.34 0.00	28.75 0.56 0.00	33.44 0.72 0.00	37.51 0.84 0.00	36.20 0.98 0.00	41.02 1.20 0.00	27.98 0.93 0.00	26.28 0.75 0.00	25.65 0.76 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	20.64 -0.38 0.00	20.85 -0.26 0.00	20.29 -0.22 0.00	19.66 -0.10 0.00	22.64 0.00 0.00	24.58 0.06 0.00	23.57 -0.06 0.00	19.65 -0.41 0.00	16.58 -0.46 0.00	18.08 -0.42 0.00	14.71 -0.37 0.00	14.71 -0.41 0.00	17.11 -0.47 0.00	18.34 -0.49 0.00	18.44 -0.59 0.00	19.38 -0.62 0.00	27.22 -0.96 0.00	31.32 -1.40 0.00	35.29 -1.38 0.00	34.33 -0.89 0.00	38.68 -1.13 0.00	26.43 -0.62 0.00	24.86 -0.67 0.00	24.47 -0.42 0.00
EMPIRE_CC_1 323656	21.04 0.03 0.00	21.22 0.12 0.00	20.60 0.10 0.00	19.86 0.10 0.00	22.75 0.10 0.00	24.58 0.05 0.00	23.66 0.02 0.00	20.15 0.09 0.00	17.16 0.12 0.00	18.63 0.13 0.00	15.21 0.13 0.00	15.27 0.15 0.00	17.75 0.17 0.00	18.99 0.16 0.00	19.20 0.17 0.00	20.24 0.24 0.00	28.50 0.32 0.00	32.97 0.25 0.00	36.94 0.27 0.00	35.70 0.48 0.00	40.40 0.58 0.00	27.41 0.36 0.00	25.93 0.41 0.00	25.30 0.41 0.00
EMPIRE_CC_2 323658	21.04 0.03 0.00	21.22 0.12 0.00	20.60 0.10 0.00	19.86 0.10 0.00	22.75 0.10 0.00	24.58 0.05 0.00	23.66 0.02 0.00	20.15 0.09 0.00	17.16 0.12 0.00	18.63 0.13 0.00	15.21 0.13 0.00	15.27 0.15 0.00	17.75 0.17 0.00	18.99 0.16 0.00	19.20 0.17 0.00	20.24 0.24 0.00	28.50 0.32 0.00	32.97 0.25 0.00	36.94 0.27 0.00	35.70 0.48 0.00	40.40 0.58 0.00	27.41 0.36 0.00	25.93 0.41 0.00	25.30 0.41 0.00
ENORWICH_115KV_TB1 80156	21.80 0.78 0.00	21.89 0.79 0.00	21.29 0.79 0.00	20.55 0.79 0.00	23.54 0.89 0.00	25.64 1.12 0.00	24.72 1.08 0.00	20.77 0.71 0.00	17.51 0.47 0.00	18.89 0.38 0.00	15.31 0.24 0.00	15.31 0.19 0.00	17.81 0.23 0.00	19.12 0.29 0.00	19.38 0.35 0.00	20.51 0.51 0.00	29.02 0.83 0.00	33.76 1.03 0.00	38.40 1.73 0.00	37.33 2.12 0.00	41.98 2.17 0.00	28.18 1.13 0.00	26.41 0.88 0.00	25.79 0.90 0.00
ERIE_ST__34_KV_TB1-2 80199	20.66 -0.36 0.00	20.87 -0.23 0.00	20.30 -0.21 0.00	19.65 -0.10 0.00	22.64 0.00 0.00	24.59 0.07 0.00	23.59 -0.05 0.00	19.69 -0.37 0.00	16.63 -0.41 0.00	18.11 -0.39 0.00	14.72 -0.36 0.00	14.71 -0.41 0.00	17.13 -0.45 0.00	18.36 -0.46 0.00	18.47 -0.55 0.00	19.43 -0.57 0.00	27.30 -0.88 0.00	31.48 -1.24 0.00	35.48 -1.20 0.00	34.54 -0.67 0.00	38.90 -0.91 0.00	26.57 -0.48 0.00	24.98 -0.54 0.00	24.55 -0.33 0.00
ERIE_WT_PWR 323693	20.69 -0.33 0.00	20.90 -0.20 0.00	20.33 -0.17 0.00	19.69 -0.06 0.00	22.67 0.02 0.00	24.63 0.11 0.00	23.63 -0.01 0.00	19.68 -0.38 0.00	16.62 -0.41 0.00	18.11 -0.40 0.00	14.72 -0.36 0.00	14.74 -0.38 0.00	17.15 -0.43 0.00	18.37 -0.46 0.00	18.47 -0.56 0.00	19.42 -0.58 0.00	27.28 -0.91 0.00	31.43 -1.30 0.00	35.41 -1.26 0.00	34.49 -0.73 0.00	38.86 -0.95 0.00	26.52 -0.53 0.00	24.95 -0.58 0.00	24.54 -0.34 0.00
ESPRGFLD_115KV_TB1 80157	21.61 0.60 0.00	21.70 0.60 0.00	21.10 0.60 0.00	20.34 0.58 0.00	23.33 0.68 0.00	25.29 0.77 0.00	24.39 0.75 0.00	20.58 0.52 0.00	17.37 0.33 0.00	18.87 0.36 0.00	15.37 0.29 0.00	15.40 0.28 0.00	17.89 0.31 0.00	19.19 0.36 0.00	19.41 0.38 0.00	20.40 0.40 0.00	28.55 0.37 0.00	33.33 0.61 0.00	37.41 0.74 0.00	36.11 0.89 0.00	40.77 0.95 0.00	27.66 0.61 0.00	25.99 0.47 0.00	25.34 0.45 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	21.06 0.04 0.00	21.16 0.06 0.00	20.55 0.04 0.00	19.82 0.06 0.00	22.73 0.08 0.00	24.67 0.14 0.00	23.77 0.14 0.00	20.09 0.03 0.00	16.97 -0.06 0.00	18.33 -0.18 0.00	14.88 -0.20 0.00	14.91 -0.21 0.00	17.36 -0.22 0.00	18.62 -0.21 0.00	18.81 -0.22 0.00	19.83 -0.18 0.00	27.91 -0.28 0.00	32.46 -0.27 0.00	36.68 0.01 0.00	35.67 0.45 0.00	40.29 0.48 0.00	27.33 0.28 0.00	25.73 0.20 0.00	25.06 0.18 0.00
ETNA____115KV_TB2 80207	21.06 0.04 0.00	21.16 0.06 0.00	20.55 0.04 0.00	19.82 0.06 0.00	22.73 0.08 0.00	24.67 0.14 0.00	23.77 0.14 0.00	20.09 0.03 0.00	16.97 -0.06 0.00	18.33 -0.18 0.00	14.88 -0.20 0.00	14.91 -0.21 0.00	17.36 -0.22 0.00	18.62 -0.21 0.00	18.81 -0.22 0.00	19.83 -0.18 0.00	27.91 -0.28 0.00	32.46 -0.27 0.00	36.68 0.01 0.00	35.67 0.45 0.00	40.29 0.48 0.00	27.33 0.28 0.00	25.73 0.20 0.00	25.06 0.18 0.00
EUCLID__115KV_TB2 356179	20.59 -0.43 0.00	20.69 -0.41 0.00	20.09 -0.41 0.00	19.39 -0.37 0.00	22.22 -0.43 0.00	24.07 -0.46 0.00	23.18 -0.45 0.00	19.64 -0.42 0.00	16.67 -0.36 0.00	18.10 -0.41 0.00	14.73 -0.35 0.00	14.77 -0.35 0.00	17.20 -0.38 0.00	18.42 -0.40 0.00	18.60 -0.43 0.00	19.51 -0.49 0.00	27.43 -0.76 0.00	31.83 -0.90 0.00	35.81 -0.86 0.00	34.57 -0.64 0.00	39.09 -0.72 0.00	26.55 -0.50 0.00	25.05 -0.48 0.00	24.43 -0.46 0.00
E_CANADA_CAP_HY 24051	21.81 0.79 0.00	21.89 0.79 0.00	21.30 0.79 0.00	20.52 0.76 0.00	23.54 0.89 0.00	25.50 0.97 0.00	24.57 0.93 0.00	20.67 0.61 0.00	17.30 0.27 0.00	18.74 0.23 0.00	15.25 0.17 0.00	15.28 0.16 0.00	17.75 0.17 0.00	19.05 0.22 0.00	19.32 0.29 0.00	20.36 0.36 0.00	28.42 0.23 0.00	33.47 0.74 0.00	37.53 0.85 0.00	36.34 1.13 0.00	41.08 1.27 0.00	27.90 0.85 0.00	26.22 0.69 0.00	25.56 0.68 0.00
E_CANADA_MHWK_HY 24050	21.09 0.08 0.00	21.19 0.08 0.00	20.58 0.07 0.00	19.82 0.06 0.00	22.69 0.04 0.00	24.59 0.06 0.00	23.68 0.05 0.00	20.05 -0.01 0.00	16.83 -0.20 0.00	18.11 -0.40 0.00	14.74 -0.33 0.00	14.79 -0.33 0.00	17.20 -0.38 0.00	18.49 -0.33 0.00	18.84 -0.19 0.00	19.97 -0.03 0.00	28.18 0.00 0.00	33.41 0.69 0.00	37.68 1.01 0.00	36.66 1.45 0.00	41.41 1.60 0.00	28.04 0.99 0.00	26.40 0.88 0.00	25.65 0.77 0.00
E_FISHKILL__LBMP 23776	21.38 0.36 0.00	21.43 0.33 0.00	20.78 0.28 0.00	20.03 0.27 0.00	22.91 0.26 0.00	24.81 0.28 0.00	23.89 0.26 0.00	20.43 0.37 0.00	17.49 0.46 0.00	19.01 0.51 0.00	15.52 0.45 0.00	15.61 0.49 0.00	18.18 0.60 0.00	19.47 0.64 0.00	19.73 0.69 0.00	20.78 0.78 0.00	29.27 1.08 0.00	33.89 1.17 0.00	37.87 1.20 0.00	36.41 1.19 0.00	41.10 1.29 0.00	27.94 0.89 0.00	26.42 0.90 0.00	25.74 0.85 0.00
FALCON__SEABRD_CC1 323796	21.64 0.63 0.00	21.73 0.63 0.00	21.16 0.65 0.00	20.36 0.61 0.00	23.31 0.67 0.00	25.28 0.76 0.00	24.41 0.77 0.00	20.71 0.65 0.00	17.54 0.51 0.00	19.04 0.53 0.00	15.49 0.41 0.00	15.50 0.38 0.00	18.00 0.42 0.00	19.27 0.45 0.00	19.49 0.46 0.00	20.54 0.54 0.00	29.04 0.85 0.00	33.85 1.12 0.00	37.99 1.32 0.00	36.70 1.49 0.00	41.55 1.74 0.00	28.29 1.24 0.00	26.56 1.04 0.00	25.90 1.01 0.00
FALCON__SEABRD_CC2 323797	21.64 0.63 0.00	21.73 0.63 0.00	21.16 0.65 0.00	20.36 0.61 0.00	23.31 0.67 0.00	25.28 0.76 0.00	24.41 0.77 0.00	20.71 0.65 0.00	17.54 0.51 0.00	19.04 0.53 0.00	15.49 0.41 0.00	15.50 0.38 0.00	18.00 0.42 0.00	19.27 0.45 0.00	19.49 0.46 0.00	20.54 0.54 0.00	29.04 0.85 0.00	33.85 1.12 0.00	37.99 1.32 0.00	36.70 1.49 0.00	41.55 1.74 0.00	28.29 1.24 0.00	26.56 1.04 0.00	25.90 1.01 0.00

FAR ROCKAWAY___4 23548	21.84 0.82 0.00	21.80 0.70 0.00	21.11 0.61 0.00	20.34 0.58 0.00	23.23 0.58 0.00	25.17 0.65 0.00	24.25 0.61 0.00	20.75 0.70 0.00	17.96 0.93 0.00	19.53 1.02 0.00	29.68 1.02 -13.58	30.93 1.11 -14.70	27.56 1.33 -8.66	36.23 1.39 -16.01	63.12 1.42 -42.67	77.50 1.53 -55.97	82.26 2.10 -51.97	97.97 2.25 -63.00	107.36 2.43 -68.25	101.73 2.29 -64.23	76.19 2.48 -33.90	72.10 1.78 -43.27	74.94 1.77 -47.65	75.39 1.76 -48.74
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	21.56 0.55 0.00	21.59 0.49 0.00	20.94 0.44 0.00	20.19 0.44 0.00	23.08 0.43 0.00	25.02 0.49 0.00	24.12 0.49 0.00	20.65 0.59 0.00	17.74 0.70 0.00	19.30 0.79 0.00	15.76 0.68 0.00	15.86 0.74 0.00	18.48 0.90 0.00	19.80 0.97 0.00	20.06 1.03 0.00	21.13 1.12 0.00	29.72 1.54 0.00	34.36 1.63 0.00	38.32 1.64 0.00	36.74 1.52 0.00	41.46 1.65 0.00	28.22 1.17 0.00	26.70 1.18 0.00	26.02 1.13 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	21.57 0.56 0.00	21.59 0.49 0.00	20.94 0.44 0.00	20.20 0.44 0.00	23.08 0.43 0.00	25.03 0.50 0.00	24.13 0.49 0.00	20.65 0.59 0.00	17.74 0.70 0.00	19.30 0.79 0.00	15.76 0.68 0.00	15.86 0.74 0.00	18.48 0.90 0.00	19.80 0.97 0.00	20.06 1.03 0.00	21.13 1.12 0.00	29.72 1.54 0.00	34.36 1.63 0.00	38.32 1.64 0.00	36.74 1.53 0.00	41.46 1.65 0.00	28.22 1.17 0.00	26.70 1.18 0.00	26.02 1.13 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	21.55 0.54 0.00	21.58 0.48 0.00	20.93 0.43 0.00	20.18 0.42 0.00	23.07 0.42 0.00	25.01 0.48 0.00	24.11 0.48 0.00	20.64 0.58 0.00	17.72 0.69 0.00	19.29 0.78 0.00	15.75 0.68 0.00	15.85 0.73 0.00	18.47 0.89 0.00	19.78 0.96 0.00	20.05 1.02 0.00	21.12 1.11 0.00	29.70 1.51 0.00	34.32 1.60 0.00	38.29 1.61 0.00	36.71 1.49 0.00	41.42 1.61 0.00	28.19 1.14 0.00	26.68 1.16 0.00	25.99 1.11 0.00
FARRAGUT___LBMP 323566	21.54 0.53 0.00	21.56 0.46 0.00	20.92 0.41 0.00	20.17 0.41 0.00	23.06 0.41 0.00	24.99 0.47 0.00	24.10 0.46 0.00	20.63 0.57 0.00	17.71 0.68 0.00	19.28 0.77 0.00	15.74 0.67 0.00	15.84 0.72 0.00	18.46 0.88 0.00	19.77 0.94 0.00	20.03 1.00 0.00	21.10 1.10 0.00	29.68 1.50 0.00	34.30 1.57 0.00	38.25 1.58 0.00	36.68 1.47 0.00	41.39 1.58 0.00	28.18 1.13 0.00	26.66 1.14 0.00	25.98 1.09 0.00
FENNER___WINDPWR 24204	21.19 0.18 0.00	21.27 0.17 0.00	20.67 0.16 0.00	19.94 0.18 0.00	22.85 0.21 0.00	24.78 0.25 0.00	23.89 0.25 0.00	20.21 0.15 0.00	17.07 0.03 0.00	18.48 -0.03 0.00	15.03 -0.05 0.00	15.07 -0.05 0.00	17.54 -0.04 0.00	18.80 -0.03 0.00	19.02 -0.01 0.00	20.01 0.01 0.00	28.20 0.02 0.00	32.85 0.13 0.00	37.05 0.38 0.00	35.87 0.65 0.00	40.55 0.74 0.00	27.53 0.48 0.00	25.93 0.40 0.00	25.25 0.36 0.00
FIBERTEK___ENERGY 23856	20.78 -0.23 0.00	20.88 -0.22 0.00	20.28 -0.22 0.00	19.56 -0.20 0.00	22.42 -0.22 0.00	24.30 -0.22 0.00	23.40 -0.23 0.00	19.82 -0.24 0.00	16.80 -0.23 0.00	18.22 -0.29 0.00	14.83 -0.25 0.00	14.88 -0.24 0.00	17.32 -0.26 0.00	18.56 -0.27 0.00	18.74 -0.29 0.00	19.67 -0.33 0.00	27.67 -0.51 0.00	32.15 -0.57 0.00	36.19 -0.48 0.00	34.97 -0.25 0.00	39.53 -0.28 0.00	26.85 -0.20 0.00	25.30 -0.22 0.00	24.67 -0.22 0.00
FITZPATRICK___ 23598	20.35 -0.66 0.00	20.45 -0.65 0.00	19.87 -0.63 0.00	19.16 -0.60 0.00	21.96 -0.69 0.00	23.79 -0.74 0.00	22.91 -0.73 0.00	19.42 -0.64 0.00	16.50 -0.53 0.00	17.91 -0.59 0.00	14.59 -0.49 0.00	14.63 -0.49 0.00	17.02 -0.56 0.00	18.22 -0.61 0.00	18.38 -0.64 0.00	19.28 -0.72 0.00	27.09 -1.10 0.00	31.43 -1.30 0.00	35.32 -1.35 0.00	34.07 -1.14 0.00	38.54 -1.28 0.00	26.19 -0.86 0.00	24.69 -0.83 0.00	24.10 -0.79 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	21.59 0.58 0.00	21.63 0.53 0.00	20.98 0.47 0.00	20.21 0.45 0.00	23.12 0.47 0.00	25.04 0.52 0.00	24.13 0.50 0.00	20.61 0.55 0.00	17.62 0.59 0.00	19.16 0.65 0.00	15.62 0.55 0.00	15.71 0.59 0.00	18.31 0.73 0.00	19.62 0.79 0.00	19.87 0.85 0.00	20.95 0.95 0.00	29.56 1.38 0.00	34.29 1.57 0.00	38.36 1.69 0.00	36.88 1.66 0.00	41.61 1.79 0.00	28.27 1.22 0.00	26.69 1.17 0.00	25.99 1.10 0.00
FORT ORANGE___ 23900	21.06 0.04 0.00	21.16 0.06 0.00	20.54 0.03 0.00	19.80 0.04 0.00	22.67 0.02 0.00	24.52 0.00 0.00	23.63 -0.01 0.00	20.11 0.05 0.00	17.08 0.05 0.00	18.54 0.03 0.00	15.12 0.04 0.00	15.18 0.06 0.00	17.66 0.08 0.00	18.90 0.07 0.00	19.13 0.09 0.00	20.19 0.19 0.00	28.84 0.66 0.00	33.49 0.77 0.00	37.64 0.97 0.00	36.41 1.19 0.00	41.16 1.34 0.00	27.92 0.87 0.00	26.37 0.84 0.00	25.68 0.79 0.00
FORT_DRUM_COGEN 23780	22.06 1.05 0.00	22.14 1.04 0.00	21.49 0.98 0.00	20.71 0.95 0.00	23.73 1.08 0.00	25.73 1.20 0.00	24.73 1.10 0.00	20.87 0.81 0.00	17.43 0.39 0.00	18.66 0.16 0.00	15.09 0.01 0.00	15.07 -0.05 0.00	17.45 -0.13 0.00	18.74 -0.08 0.00	19.00 -0.03 0.00	19.97 -0.03 0.00	28.36 0.17 0.00	33.07 0.35 0.00	38.02 1.35 0.00	37.36 2.14 0.00	42.50 2.69 0.00	28.81 1.76 0.00	27.02 1.50 0.00	26.29 1.40 0.00
FOX_HILLS___ESR 323835	21.58 0.57 0.00	21.62 0.52 0.00	21.00 0.49 0.00	20.23 0.48 0.00	23.07 0.42 0.00	25.05 0.52 0.00	24.16 0.53 0.00	20.71 0.65 0.00	17.74 0.71 0.00	19.31 0.80 0.00	15.77 0.69 0.00	15.88 0.76 0.00	18.50 0.92 0.00	19.81 0.99 0.00	20.10 1.07 0.00	21.17 1.17 0.00	29.81 1.62 0.00	34.52 1.80 0.00	38.47 1.79 0.00	36.79 1.57 0.00	41.50 1.69 0.00	28.28 1.23 0.00	26.74 1.22 0.00	26.05 1.16 0.00
FPL_FAR_ROCK_GT1 24212	21.84 0.83 0.00	21.80 0.70 0.00	21.11 0.61 0.00	20.34 0.58 0.00	23.23 0.58 0.00	25.17 0.65 0.00	24.25 0.61 0.00	20.76 0.70 0.00	17.96 0.93 0.00	19.53 1.02 0.00	29.68 1.02 -13.58	30.93 1.11 -14.70	27.56 1.33 -8.66	36.23 1.39 -16.01	63.12 1.42 -42.67	77.49 1.53 -55.97	82.25 2.09 -51.97	97.94 2.22 -63.00	107.33 2.41 -68.25	101.73 2.29 -64.23	76.20 2.48 -33.90	72.10 1.78 -43.27	74.95 1.77 -47.65	75.39 1.76 -48.74
FPL_FAR_ROCK_GT2 23815	21.84 0.83 0.00	21.80 0.70 0.00	21.11 0.61 0.00	20.34 0.58 0.00	23.23 0.58 0.00	25.17 0.65 0.00	24.25 0.61 0.00	20.76 0.70 0.00	17.96 0.93 0.00	19.53 1.02 0.00	29.68 1.02 -13.58	30.93 1.11 -14.70	27.56 1.33 -8.66	36.23 1.39 -16.01	63.12 1.42 -42.67	77.49 1.53 -55.97	82.25 2.09 -51.97	97.94 2.22 -63.00	107.33 2.41 -68.25	101.73 2.29 -64.23	76.20 2.48 -33.90	72.10 1.78 -43.27	74.95 1.77 -47.65	75.39 1.76 -48.74
FRANKLIN_FALL_HYD 24054	21.78 0.77 0.00	21.86 0.75 0.00	21.28 0.77 0.00	20.47 0.71 0.00	23.46 0.81 0.00	25.43 0.91 0.00	24.56 0.92 0.00	20.84 0.78 0.00	17.57 0.54 0.00	19.07 0.56 0.00	15.50 0.42 0.00	15.50 0.38 0.00	17.98 0.40 0.00	19.25 0.42 0.00	19.48 0.45 0.00	20.49 0.49 0.00	28.97 0.78 0.00	33.73 1.01 0.00	37.96 1.29 0.00	36.75 1.54 0.00	41.70 1.89 0.00	28.45 1.40 0.00	26.68 1.15 0.00	26.00 1.12 0.00

FREEPORT_EQUS_GT1 23764	21.69 0.67 0.00	21.64 0.54 0.00	20.96 0.46 0.00	20.17 0.41 0.00	23.03 0.38 0.00	24.96 0.43 0.00	24.04 0.41 0.00	20.61 0.54 0.00	17.85 0.81 0.00	19.38 0.87 0.00	20.14 0.88 -4.18	21.76 0.97 -5.67	22.32 1.16 -3.59	26.31 1.22 -6.27	37.07 1.25 -16.80	47.59 1.28 -26.31	55.20 1.71 -25.31	66.98 1.90 -32.36	63.79 2.03 -25.08	59.98 1.76 -23.01	54.74 1.95 -12.98	45.44 1.49 -16.89	46.07 1.53 -19.02	46.64 1.54 -20.21
FREEPORT___CT2 23818	21.69 0.67 0.00	21.64 0.54 0.00	20.96 0.46 0.00	20.17 0.41 0.00	23.03 0.38 0.00	24.96 0.43 0.00	24.04 0.41 0.00	20.61 0.54 0.00	17.85 0.81 0.00	19.38 0.87 0.00	20.14 0.88 -4.18	21.76 0.97 -5.67	22.32 1.16 -3.59	26.31 1.22 -6.27	37.07 1.25 -16.80	47.59 1.28 -26.31	55.20 1.71 -25.31	66.98 1.90 -32.36	63.79 2.03 -25.08	59.98 1.76 -23.01	54.74 1.95 -12.98	45.44 1.49 -16.89	46.07 1.53 -19.02	46.64 1.54 -20.21
FRESHKLS_33_KV_LOAD 356253	21.60 0.59 0.00	21.66 0.56 0.00	21.05 0.54 0.00	20.29 0.53 0.00	23.13 0.48 0.00	25.11 0.59 0.00	24.23 0.60 0.00	20.76 0.70 0.00	17.77 0.74 0.00	19.34 0.83 0.00	15.79 0.71 0.00	15.89 0.77 0.00	18.51 0.93 0.00	19.83 1.01 0.00	20.13 1.10 0.00	21.20 1.20 0.00	29.86 1.68 0.00	34.58 1.86 0.00	38.57 1.90 0.00	36.87 1.65 0.00	41.58 1.76 0.00	28.33 1.28 0.00	26.79 1.26 0.00	26.09 1.21 0.00
FULTON COGEN____ 23766	20.56 -0.46 0.00	20.65 -0.44 0.00	20.06 -0.45 0.00	19.35 -0.41 0.00	22.18 -0.47 0.00	24.02 -0.51 0.00	23.14 -0.50 0.00	19.61 -0.45 0.00	16.64 -0.39 0.00	18.05 -0.46 0.00	14.69 -0.38 0.00	14.73 -0.39 0.00	17.15 -0.43 0.00	18.38 -0.45 0.00	18.53 -0.50 0.00	19.43 -0.57 0.00	27.32 -0.86 0.00	31.72 -1.00 0.00	35.74 -0.94 0.00	34.52 -0.70 0.00	39.05 -0.76 0.00	26.52 -0.53 0.00	25.00 -0.52 0.00	24.38 -0.51 0.00
FULTON___LFGE 323630	21.84 0.82 0.00	21.92 0.82 0.00	21.30 0.79 0.00	20.51 0.75 0.00	23.53 0.88 0.00	25.48 0.96 0.00	24.55 0.92 0.00	20.65 0.60 0.00	17.13 0.10 0.00	18.43 -0.08 0.00	14.96 -0.12 0.00	14.99 -0.13 0.00	17.44 -0.14 0.00	18.82 -0.01 0.00	19.11 0.08 0.00	20.21 0.21 0.00	28.34 0.16 0.00	33.69 0.97 0.00	37.73 1.06 0.00	36.82 1.60 0.00	41.63 1.82 0.00	28.24 1.19 0.00	26.57 1.04 0.00	25.86 0.97 0.00
G.F.CEMENT___DRP 24184	22.06 1.05 0.00	22.16 1.06 0.00	21.51 1.00 0.00	20.72 0.96 0.00	23.77 1.13 0.00	25.72 1.20 0.00	24.79 1.16 0.00	21.04 0.99 0.00	17.81 0.77 0.00	19.19 0.69 0.00	15.53 0.45 0.00	15.56 0.44 0.00	18.12 0.54 0.00	19.37 0.55 0.00	19.62 0.59 0.00	20.74 0.73 0.00	29.35 1.17 0.00	34.57 1.85 0.00	39.07 2.40 0.00	38.01 2.79 0.00	42.93 3.12 0.00	28.98 1.93 0.00	27.32 1.80 0.00	26.56 1.67 0.00
GARDENVILLE___LBMP 24039	20.65 -0.37 0.00	20.86 -0.24 0.00	20.30 -0.21 0.00	19.66 -0.10 0.00	22.64 0.00 0.00	24.59 0.07 0.00	23.59 -0.04 0.00	19.67 -0.39 0.00	16.59 -0.44 0.00	18.09 -0.42 0.00	14.71 -0.37 0.00	14.71 -0.41 0.00	17.11 -0.47 0.00	18.34 -0.48 0.00	18.44 -0.59 0.00	19.39 -0.61 0.00	27.23 -0.95 0.00	31.35 -1.37 0.00	35.34 -1.33 0.00	34.40 -0.82 0.00	38.75 -1.07 0.00	26.45 -0.60 0.00	24.89 -0.64 0.00	24.49 -0.40 0.00
GARDNVLA_35_KV_LD 355827	20.71 -0.31 0.00	20.91 -0.19 0.00	20.35 -0.16 0.00	19.71 -0.05 0.00	22.70 0.05 0.00	24.65 0.13 0.00	23.65 0.01 0.00	19.72 -0.35 0.00	16.63 -0.40 0.00	18.13 -0.37 0.00	14.75 -0.33 0.00	14.76 -0.36 0.00	17.17 -0.40 0.00	18.41 -0.42 0.00	18.51 -0.51 0.00	19.47 -0.53 0.00	27.35 -0.83 0.00	31.50 -1.23 0.00	35.50 -1.18 0.00	34.54 -0.68 0.00	38.90 -0.90 0.00	26.56 -0.49 0.00	24.98 -0.54 0.00	24.57 -0.31 0.00
GELCKHM___115KV_LOAD 80723	20.66 -0.35 0.00	20.76 -0.34 0.00	20.16 -0.35 0.00	19.44 -0.31 0.00	22.29 -0.35 0.00	24.16 -0.37 0.00	23.27 -0.37 0.00	19.71 -0.35 0.00	16.72 -0.31 0.00	18.14 -0.37 0.00	14.77 -0.31 0.00	14.81 -0.31 0.00	17.24 -0.34 0.00	18.47 -0.35 0.00	18.65 -0.37 0.00	19.57 -0.43 0.00	27.53 -0.66 0.00	31.95 -0.78 0.00	35.96 -0.71 0.00	34.72 -0.49 0.00	39.25 -0.56 0.00	26.67 -0.38 0.00	25.14 -0.39 0.00	24.52 -0.37 0.00
GENERAL___MILLS 23808	20.68 -0.34 0.00	20.89 -0.21 0.00	20.32 -0.18 0.00	19.69 -0.07 0.00	22.67 0.03 0.00	24.63 0.10 0.00	23.62 -0.01 0.00	19.70 -0.37 0.00	16.62 -0.42 0.00	18.11 -0.40 0.00	14.72 -0.35 0.00	14.74 -0.38 0.00	17.14 -0.44 0.00	18.37 -0.45 0.00	18.47 -0.55 0.00	19.43 -0.57 0.00	27.28 -0.90 0.00	31.42 -1.31 0.00	35.41 -1.26 0.00	34.47 -0.75 0.00	38.82 -0.99 0.00	26.51 -0.54 0.00	24.94 -0.59 0.00	24.53 -0.36 0.00
GE_PLASTICS___DRP 24183	21.05 0.04 0.00	21.15 0.04 0.00	20.53 0.03 0.00	19.80 0.04 0.00	22.67 0.02 0.00	24.52 0.00 0.00	23.63 -0.01 0.00	20.11 0.05 0.00	17.11 0.08 0.00	18.59 0.08 0.00	15.17 0.09 0.00	15.22 0.10 0.00	17.71 0.13 0.00	18.95 0.12 0.00	19.18 0.15 0.00	20.21 0.21 0.00	28.72 0.54 0.00	33.33 0.61 0.00	37.40 0.73 0.00	36.08 0.86 0.00	40.78 0.97 0.00	27.69 0.64 0.00	26.15 0.63 0.00	25.48 0.59 0.00
GILBOA___1 23756	21.15 0.13 0.00	21.23 0.13 0.00	20.61 0.10 0.00	19.87 0.10 0.00	22.75 0.10 0.00	24.64 0.12 0.00	23.74 0.11 0.00	20.20 0.14 0.00	17.21 0.18 0.00	18.76 0.25 0.00	15.35 0.27 0.00	15.40 0.28 0.00	17.89 0.31 0.00	19.13 0.30 0.00	19.35 0.32 0.00	20.30 0.30 0.00	28.63 0.45 0.00	33.22 0.50 0.00	37.21 0.54 0.00	35.86 0.64 0.00	40.54 0.73 0.00	27.54 0.49 0.00	26.01 0.48 0.00	25.35 0.46 0.00
GILBOA___2 23757	21.15 0.13 0.00	21.23 0.13 0.00	20.61 0.10 0.00	19.87 0.10 0.00	22.75 0.10 0.00	24.64 0.12 0.00	23.74 0.11 0.00	20.20 0.14 0.00	17.21 0.18 0.00	18.76 0.25 0.00	15.35 0.27 0.00	15.40 0.28 0.00	17.89 0.31 0.00	19.13 0.30 0.00	19.35 0.32 0.00	20.30 0.30 0.00	28.63 0.45 0.00	33.22 0.50 0.00	37.21 0.54 0.00	35.86 0.64 0.00	40.54 0.73 0.00	27.54 0.49 0.00	26.01 0.48 0.00	25.35 0.46 0.00
GILBOA___3 23758	21.15 0.13 0.00	21.23 0.13 0.00	20.61 0.10 0.00	19.87 0.10 0.00	22.75 0.10 0.00	24.64 0.12 0.00	23.74 0.11 0.00	20.20 0.14 0.00	17.21 0.18 0.00	18.76 0.25 0.00	15.35 0.27 0.00	15.40 0.28 0.00	17.89 0.31 0.00	19.13 0.30 0.00	19.35 0.32 0.00	20.30 0.30 0.00	28.63 0.45 0.00	33.22 0.50 0.00	37.21 0.54 0.00	35.86 0.64 0.00	40.54 0.73 0.00	27.54 0.49 0.00	26.01 0.48 0.00	25.35 0.46 0.00
GILBOA___4 23759	21.15 0.13 0.00	21.23 0.13 0.00	20.61 0.10 0.00	19.87 0.10 0.00	22.75 0.10 0.00	24.64 0.12 0.00	23.74 0.11 0.00	20.20 0.14 0.00	17.21 0.18 0.00	18.76 0.25 0.00	15.35 0.27 0.00	15.40 0.28 0.00	17.89 0.31 0.00	19.13 0.30 0.00	19.35 0.32 0.00	20.30 0.30 0.00	28.63 0.45 0.00	33.22 0.50 0.00	37.21 0.54 0.00	35.86 0.64 0.00	40.54 0.73 0.00	27.54 0.49 0.00	26.01 0.48 0.00	25.35 0.46 0.00

GILBOA____ 23599	21.15 0.13 0.00	21.23 0.13 0.00	20.61 0.10 0.00	19.87 0.10 0.00	22.75 0.10 0.00	24.64 0.12 0.00	23.74 0.10 0.00	20.20 0.13 0.00	17.21 0.18 0.00	18.76 0.26 0.00	15.35 0.27 0.00	15.40 0.29 0.00	17.89 0.31 0.00	19.13 0.30 0.00	19.35 0.32 0.00	20.30 0.30 0.00	28.63 0.45 0.00	33.23 0.50 0.00	37.21 0.53 0.00	35.86 0.64 0.00	40.54 0.73 0.00	27.54 0.49 0.00	26.01 0.49 0.00	25.35 0.46 0.00
GINNA____ 23603	19.87 -1.14 0.00	20.00 -1.10 0.00	19.44 -1.07 0.00	18.78 -0.98 0.00	21.57 -1.07 0.00	23.39 -1.14 0.00	22.48 -1.15 0.00	18.91 -1.15 0.00	15.99 -1.05 0.00	17.38 -1.13 0.00	14.14 -0.94 0.00	14.16 -0.95 0.00	16.48 -1.10 0.00	17.70 -1.13 0.00	17.84 -1.19 0.00	18.73 -1.27 0.00	26.39 -1.80 0.00	30.58 -2.15 0.00	34.52 -2.15 0.00	33.42 -1.80 0.00	37.70 -2.11 0.00	25.65 -1.40 0.00	24.12 -1.41 0.00	23.58 -1.31 0.00
GLEN PARK____ 23778	22.14 1.13 0.00	22.22 1.12 0.00	21.56 1.05 0.00	20.78 1.02 0.00	23.81 1.16 0.00	25.81 1.28 0.00	24.82 1.19 0.00	20.94 0.88 0.00	17.46 0.43 0.00	18.67 0.16 0.00	15.08 0.00 0.00	15.06 -0.06 0.00	17.44 -0.14 0.00	18.73 -0.09 0.00	18.98 -0.05 0.00	19.96 -0.04 0.00	28.34 0.16 0.00	33.07 0.35 0.00	38.12 1.44 0.00	37.56 2.34 0.00	42.74 2.92 0.00	28.97 1.92 0.00	27.16 1.63 0.00	26.39 1.50 0.00
GLENDALE_27_KV_LOAD 356172	21.66 0.64 0.00	21.66 0.56 0.00	21.01 0.50 0.00	20.24 0.48 0.00	23.09 0.44 0.00	25.05 0.52 0.00	24.17 0.53 0.00	20.74 0.68 0.00	17.79 0.75 0.00	19.37 0.86 0.00	15.83 0.76 0.00	15.94 0.82 0.00	18.56 0.98 0.00	19.87 1.05 0.00	20.15 1.13 0.00	21.21 1.21 0.00	29.84 1.65 0.00	34.56 1.83 0.00	38.50 1.82 0.00	36.85 1.63 0.00	41.58 1.77 0.00	28.33 1.28 0.00	26.82 1.29 0.00	26.09 1.21 0.00
GLENWOOD_IC_1_G5 23712	21.64 0.62 0.00	21.63 0.53 0.00	20.96 0.46 0.00	20.19 0.43 0.00	23.06 0.41 0.00	24.98 0.46 0.00	24.08 0.45 0.00	20.61 0.55 0.00	17.77 0.74 0.00	19.32 0.81 0.00	18.07 0.78 -2.21	20.35 0.85 -4.39	21.62 1.03 -3.01	24.97 1.09 -5.06	34.61 1.13 -14.44	47.67 1.23 -26.43	56.11 1.68 -26.24	69.86 1.81 -35.32	63.20 1.90 -24.63	56.47 1.76 -19.49	52.71 1.90 -10.99	42.68 1.35 -14.28	42.93 1.36 -16.05	43.22 1.34 -16.99
GLENWOOD_IC_2_G1 23688	21.55 0.54 0.00	21.55 0.45 0.00	20.89 0.39 0.00	20.13 0.37 0.00	23.00 0.35 0.00	24.92 0.39 0.00	24.02 0.38 0.00	20.56 0.50 0.00	17.69 0.65 0.00	19.23 0.72 0.00	15.75 0.68 0.00	15.96 0.74 -0.10	18.56 0.90 -0.08	19.91 0.95 -0.13	20.43 1.00 -0.41	22.00 1.09 -0.91	30.62 1.50 -0.93	35.64 1.59 -1.32	39.15 1.65 -0.83	37.30 1.54 -0.53	41.79 1.68 -0.30	28.64 1.20 -0.39	27.16 1.21 -0.44	26.53 1.19 -0.46
GLENWOOD_IC_3_G1 23689	21.55 0.54 0.00	21.55 0.45 0.00	20.89 0.39 0.00	20.13 0.37 0.00	23.00 0.35 0.00	24.92 0.39 0.00	24.02 0.38 0.00	20.56 0.50 0.00	17.69 0.65 0.00	19.23 0.72 0.00	15.75 0.68 0.00	15.96 0.74 -0.10	18.56 0.90 -0.08	19.91 0.95 -0.13	20.43 1.00 -0.41	22.00 1.09 -0.91	30.62 1.50 -0.93	35.64 1.59 -1.32	39.15 1.65 -0.83	37.30 1.54 -0.53	41.79 1.68 -0.30	28.64 1.20 -0.39	27.16 1.21 -0.44	26.53 1.19 -0.46
GLENWOOD____4 23550	21.64 0.62 0.00	21.63 0.53 0.00	20.96 0.46 0.00	20.19 0.43 0.00	23.06 0.41 0.00	24.98 0.46 0.00	24.08 0.45 0.00	20.61 0.55 0.00	17.77 0.74 0.00	19.32 0.81 0.00	18.07 0.78 -2.21	20.35 0.85 -4.39	21.62 1.03 -3.01	24.97 1.09 -5.06	34.61 1.13 -14.44	47.67 1.23 -26.43	56.11 1.68 -26.24	69.86 1.81 -35.32	63.20 1.90 -24.63	56.47 1.76 -19.49	52.71 1.90 -10.99	42.68 1.35 -14.28	42.93 1.36 -16.05	43.22 1.34 -16.99
GLENWOOD____5 23614	21.64 0.62 0.00	21.63 0.53 0.00	20.96 0.46 0.00	20.19 0.43 0.00	23.06 0.41 0.00	24.98 0.46 0.00	24.08 0.45 0.00	20.61 0.55 0.00	17.77 0.74 0.00	19.32 0.81 0.00	18.07 0.78 -2.21	20.35 0.85 -4.39	21.62 1.03 -3.01	24.97 1.09 -5.06	34.61 1.13 -14.44	47.67 1.23 -26.43	56.11 1.68 -26.24	69.86 1.81 -35.32	63.20 1.90 -24.63	56.47 1.76 -19.49	52.71 1.90 -10.99	42.68 1.35 -14.28	42.93 1.36 -16.05	43.22 1.34 -16.99
GLOBAL GREEN_PORT_GT1 23814	21.96 0.94 0.00	21.90 0.80 0.00	21.28 0.78 0.00	20.41 0.65 0.00	23.16 0.51 0.00	25.12 0.59 0.00	24.24 0.61 0.00	20.86 0.80 0.00	18.57 1.54 0.00	20.18 1.68 0.00	15.50 1.48 1.06	17.04 1.54 -0.38	19.92 1.78 -0.55	21.33 1.81 -0.69	23.92 1.92 -2.97	31.51 2.13 -9.37	40.91 3.10 -9.62	49.51 3.56 -13.23	40.20 3.89 0.36	39.68 3.50 -0.96	45.65 3.78 -2.06	32.24 2.52 -2.66	30.88 2.36 -3.00	30.30 2.27 -3.15
GLOBE____DSASP 323697	20.40 -0.62 0.00	20.61 -0.49 0.00	20.06 -0.44 0.00	19.45 -0.31 0.00	22.41 -0.24 0.00	24.29 -0.24 0.00	23.27 -0.36 0.00	19.39 -0.67 0.00	16.36 -0.68 0.00	17.87 -0.63 0.00	14.54 -0.54 0.00	14.54 -0.57 0.00	16.90 -0.68 0.00	18.12 -0.71 0.00	18.21 -0.81 0.00	19.12 -0.88 0.00	26.85 -1.33 0.00	30.85 -1.87 0.00	34.71 -1.96 0.00	33.73 -1.49 0.00	38.01 -1.80 0.00	26.04 -1.01 0.00	24.51 -1.02 0.00	24.16 -0.73 0.00
GOETHSLN____LBMP 323567	21.46 0.44 0.00	21.49 0.38 0.00	20.84 0.34 0.00	20.10 0.34 0.00	22.95 0.30 0.00	24.88 0.36 0.00	23.99 0.36 0.00	20.54 0.48 0.00	17.64 0.60 0.00	19.20 0.69 0.00	15.68 0.60 0.00	15.78 0.66 0.00	18.39 0.81 0.00	19.70 0.88 0.00	19.96 0.93 0.00	21.02 1.02 0.00	29.57 1.39 0.00	34.16 1.43 0.00	38.09 1.42 0.00	36.53 1.31 0.00	41.20 1.39 0.00	28.06 1.01 0.00	26.55 1.03 0.00	25.87 0.99 0.00
GOLAH____69_KV_TB 1_2 80279	20.94 -0.07 0.00	21.08 -0.02 0.00	20.50 -0.01 0.00	19.85 0.09 0.00	22.83 0.18 0.00	24.75 0.22 0.00	23.79 0.15 0.00	19.93 -0.13 0.00	16.77 -0.26 0.00	18.21 -0.30 0.00	14.80 -0.28 0.00	14.82 -0.30 0.00	17.25 -0.33 0.00	18.51 -0.31 0.00	18.66 -0.37 0.00	19.63 -0.37 0.00	27.63 -0.55 0.00	31.94 -0.79 0.00	36.08 -0.60 0.00	35.08 -0.14 0.00	39.62 -0.19 0.00	26.98 -0.06 0.00	25.36 -0.17 0.00	24.84 -0.05 0.00
GOODYEAR_LAKE_HYD 323669	21.40 0.39 0.00	21.49 0.38 0.00	20.87 0.36 0.00	20.12 0.36 0.00	23.06 0.41 0.00	25.01 0.49 0.00	24.12 0.48 0.00	20.43 0.37 0.00	17.33 0.30 0.00	18.84 0.34 0.00	15.37 0.29 0.00	15.40 0.28 0.00	17.91 0.33 0.00	19.19 0.36 0.00	19.40 0.37 0.00	20.41 0.41 0.00	28.66 0.48 0.00	33.35 0.62 0.00	37.45 0.78 0.00	36.11 0.90 0.00	40.77 0.96 0.00	27.64 0.59 0.00	26.02 0.49 0.00	25.36 0.47 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	20.81 -0.21 0.00	20.94 -0.16 0.00	20.34 -0.17 0.00	19.64 -0.12 0.00	22.53 -0.11 0.00	24.47 -0.05 0.00	23.58 -0.05 0.00	19.90 -0.15 0.00	16.90 -0.13 0.00	18.34 -0.16 0.00	14.94 -0.14 0.00	14.96 -0.16 0.00	17.42 -0.16 0.00	18.66 -0.16 0.00	18.84 -0.19 0.00	19.81 -0.19 0.00	27.91 -0.27 0.00	32.36 -0.36 0.00	36.38 -0.29 0.00	35.26 0.04 0.00	39.76 -0.05 0.00	27.00 -0.05 0.00	25.45 -0.08 0.00	24.80 -0.08 0.00

GOUDEY___7 23579	20.81 -0.21 0.00	20.94 -0.16 0.00	20.34 -0.17 0.00	19.64 -0.12 0.00	22.53 -0.11 0.00	24.47 -0.05 0.00	23.58 -0.05 0.00	19.90 -0.15 0.00	16.90 -0.13 0.00	18.34 -0.16 0.00	14.94 -0.14 0.00	14.96 -0.16 0.00	17.42 -0.16 0.00	18.66 -0.16 0.00	18.84 -0.19 0.00	19.81 -0.19 0.00	27.91 -0.27 0.00	32.36 -0.36 0.00	36.38 -0.29 0.00	35.26 0.04 0.00	39.76 -0.05 0.00	27.00 -0.05 0.00	25.45 -0.08 0.00	24.80 -0.08 0.00
GOUDEY___8 23580	20.81 -0.21 0.00	20.94 -0.16 0.00	20.34 -0.17 0.00	19.64 -0.12 0.00	22.53 -0.11 0.00	24.47 -0.05 0.00	23.58 -0.05 0.00	19.90 -0.15 0.00	16.90 -0.13 0.00	18.34 -0.16 0.00	14.94 -0.14 0.00	14.96 -0.16 0.00	17.42 -0.16 0.00	18.66 -0.16 0.00	18.84 -0.19 0.00	19.81 -0.19 0.00	27.91 -0.27 0.00	32.36 -0.36 0.00	36.38 -0.29 0.00	35.26 0.04 0.00	39.76 -0.05 0.00	27.00 -0.05 0.00	25.45 -0.08 0.00	24.80 -0.08 0.00
GOWANUS_GT1_1 24077	21.59 0.58 0.00	21.61 0.51 0.00	20.97 0.47 0.00	20.21 0.45 0.00	23.04 0.40 0.00	25.02 0.49 0.00	24.13 0.50 0.00	20.69 0.63 0.00	17.73 0.70 0.00	19.31 0.80 0.00	15.77 0.69 0.00	15.88 0.76 0.00	18.50 0.92 0.00	19.81 0.99 0.00	20.10 1.07 0.00	21.16 1.16 0.00	29.79 1.60 0.00	34.49 1.77 0.00	38.43 1.75 0.00	36.77 1.55 0.00	41.49 1.68 0.00	28.27 1.22 0.00	26.74 1.22 0.00	26.04 1.15 0.00
GOWANUS_GT1_2 24078	21.59 0.58 0.00	21.61 0.51 0.00	20.97 0.47 0.00	20.21 0.45 0.00	23.04 0.40 0.00	25.02 0.49 0.00	24.13 0.50 0.00	20.69 0.63 0.00	17.73 0.70 0.00	19.31 0.80 0.00	15.77 0.69 0.00	15.88 0.76 0.00	18.50 0.92 0.00	19.81 0.99 0.00	20.10 1.07 0.00	21.16 1.16 0.00	29.79 1.60 0.00	34.49 1.77 0.00	38.43 1.75 0.00	36.77 1.55 0.00	41.49 1.68 0.00	28.27 1.22 0.00	26.74 1.22 0.00	26.04 1.15 0.00
GOWANUS_GT1_3 24079	21.59 0.58 0.00	21.61 0.51 0.00	20.97 0.47 0.00	20.21 0.45 0.00	23.04 0.40 0.00	25.02 0.49 0.00	24.13 0.50 0.00	20.69 0.63 0.00	17.73 0.70 0.00	19.31 0.80 0.00	15.77 0.69 0.00	15.88 0.76 0.00	18.50 0.92 0.00	19.81 0.99 0.00	20.10 1.07 0.00	21.16 1.16 0.00	29.79 1.60 0.00	34.49 1.77 0.00	38.43 1.75 0.00	36.77 1.55 0.00	41.49 1.68 0.00	28.27 1.22 0.00	26.74 1.22 0.00	26.04 1.15 0.00
GOWANUS_GT1_4 24080	21.59 0.58 0.00	21.61 0.51 0.00	20.97 0.47 0.00	20.21 0.45 0.00	23.04 0.40 0.00	25.02 0.49 0.00	24.13 0.50 0.00	20.69 0.63 0.00	17.73 0.70 0.00	19.31 0.80 0.00	15.77 0.69 0.00	15.88 0.76 0.00	18.50 0.92 0.00	19.81 0.99 0.00	20.10 1.07 0.00	21.16 1.16 0.00	29.79 1.60 0.00	34.49 1.77 0.00	38.43 1.75 0.00	36.77 1.55 0.00	41.49 1.68 0.00	28.27 1.22 0.00	26.74 1.22 0.00	26.04 1.15 0.00
GOWANUS_GT1_5 24084	21.59 0.58 0.00	21.61 0.51 0.00	20.97 0.47 0.00	20.21 0.45 0.00	23.04 0.40 0.00	25.02 0.49 0.00	24.13 0.50 0.00	20.69 0.63 0.00	17.73 0.70 0.00	19.31 0.80 0.00	15.77 0.69 0.00	15.88 0.76 0.00	18.50 0.92 0.00	19.81 0.99 0.00	20.10 1.07 0.00	21.16 1.16 0.00	29.79 1.60 0.00	34.49 1.77 0.00	38.43 1.75 0.00	36.77 1.55 0.00	41.49 1.68 0.00	28.27 1.22 0.00	26.74 1.22 0.00	26.04 1.15 0.00
GOWANUS_GT1_6 24111	21.59 0.58 0.00	21.61 0.51 0.00	20.97 0.47 0.00	20.21 0.45 0.00	23.04 0.40 0.00	25.02 0.49 0.00	24.13 0.50 0.00	20.69 0.63 0.00	17.73 0.70 0.00	19.31 0.80 0.00	15.77 0.69 0.00	15.88 0.76 0.00	18.50 0.92 0.00	19.81 0.99 0.00	20.10 1.07 0.00	21.16 1.16 0.00	29.79 1.60 0.00	34.49 1.77 0.00	38.43 1.75 0.00	36.77 1.55 0.00	41.49 1.68 0.00	28.27 1.22 0.00	26.74 1.22 0.00	26.04 1.15 0.00
GOWANUS_GT1_7 24112	21.59 0.58 0.00	21.61 0.51 0.00	20.97 0.47 0.00	20.21 0.45 0.00	23.04 0.40 0.00	25.02 0.49 0.00	24.13 0.50 0.00	20.69 0.63 0.00	17.73 0.70 0.00	19.31 0.80 0.00	15.77 0.69 0.00	15.88 0.76 0.00	18.50 0.92 0.00	19.81 0.99 0.00	20.10 1.07 0.00	21.16 1.16 0.00	29.79 1.60 0.00	34.49 1.77 0.00	38.43 1.75 0.00	36.77 1.55 0.00	41.49 1.68 0.00	28.27 1.22 0.00	26.74 1.22 0.00	26.04 1.15 0.00
GOWANUS_GT1_8 24113	21.59 0.58 0.00	21.61 0.51 0.00	20.97 0.47 0.00	20.21 0.45 0.00	23.04 0.40 0.00	25.02 0.49 0.00	24.13 0.50 0.00	20.69 0.63 0.00	17.73 0.70 0.00	19.31 0.80 0.00	15.77 0.69 0.00	15.88 0.76 0.00	18.50 0.92 0.00	19.81 0.99 0.00	20.10 1.07 0.00	21.16 1.16 0.00	29.79 1.60 0.00	34.49 1.77 0.00	38.43 1.75 0.00	36.77 1.55 0.00	41.49 1.68 0.00	28.27 1.22 0.00	26.74 1.22 0.00	26.04 1.15 0.00
GOWANUS_GT2_1 24114	21.59 0.58 0.00	21.60 0.51 0.00	20.97 0.47 0.00	20.21 0.45 0.00	23.04 0.40 0.00	25.02 0.49 0.00	24.13 0.50 0.00	20.70 0.64 0.00	17.73 0.70 0.00	19.31 0.80 0.00	15.77 0.70 0.00	15.88 0.76 0.00	18.49 0.91 0.00	19.81 0.98 0.00	20.10 1.07 0.00	21.16 1.16 0.00	29.77 1.58 0.00	34.44 1.71 0.00	38.41 1.73 0.00	36.75 1.54 0.00	41.49 1.68 0.00	28.27 1.22 0.00	26.74 1.22 0.00	26.04 1.15 0.00
GOWANUS_GT2_2 24115	21.59 0.58 0.00	21.60 0.51 0.00	20.97 0.47 0.00	20.21 0.45 0.00	23.04 0.40 0.00	25.02 0.49 0.00	24.13 0.50 0.00	20.70 0.64 0.00	17.73 0.70 0.00	19.31 0.80 0.00	15.77 0.70 0.00	15.88 0.76 0.00	18.49 0.91 0.00	19.81 0.98 0.00	20.10 1.07 0.00	21.16 1.16 0.00	29.77 1.58 0.00	34.44 1.71 0.00	38.41 1.73 0.00	36.75 1.54 0.00	41.49 1.68 0.00	28.27 1.22 0.00	26.74 1.22 0.00	26.04 1.15 0.00
GOWANUS_GT2_3 24116	21.59 0.58 0.00	21.60 0.51 0.00	20.97 0.47 0.00	20.21 0.45 0.00	23.04 0.40 0.00	25.02 0.49 0.00	24.13 0.50 0.00	20.70 0.64 0.00	17.73 0.70 0.00	19.31 0.80 0.00	15.77 0.70 0.00	15.88 0.76 0.00	18.49 0.91 0.00	19.81 0.98 0.00	20.10 1.07 0.00	21.16 1.16 0.00	29.77 1.58 0.00	34.44 1.71 0.00	38.41 1.73 0.00	36.75 1.54 0.00	41.49 1.68 0.00	28.27 1.22 0.00	26.74 1.22 0.00	26.04 1.15 0.00
GOWANUS_GT2_4 24117	21.59 0.58 0.00	21.60 0.51 0.00	20.97 0.47 0.00	20.21 0.45 0.00	23.04 0.40 0.00	25.02 0.49 0.00	24.13 0.50 0.00	20.70 0.64 0.00	17.73 0.70 0.00	19.31 0.80 0.00	15.77 0.70 0.00	15.88 0.76 0.00	18.49 0.91 0.00	19.81 0.98 0.00	20.10 1.07 0.00	21.16 1.16 0.00	29.77 1.58 0.00	34.44 1.71 0.00	38.41 1.73 0.00	36.75 1.54 0.00	41.49 1.68 0.00	28.27 1.22 0.00	26.74 1.22 0.00	26.04 1.15 0.00
GOWANUS_GT2_5 24118	21.59 0.58 0.00	21.60 0.51 0.00	20.97 0.47 0.00	20.21 0.45 0.00	23.04 0.40 0.00	25.02 0.49 0.00	24.13 0.50 0.00	20.70 0.64 0.00	17.73 0.70 0.00	19.31 0.80 0.00	15.77 0.70 0.00	15.88 0.76 0.00	18.49 0.91 0.00	19.81 0.98 0.00	20.10 1.07 0.00	21.16 1.16 0.00	29.77 1.58 0.00	34.44 1.71 0.00	38.41 1.73 0.00	36.75 1.54 0.00	41.49 1.68 0.00	28.27 1.22 0.00	26.74 1.22 0.00	26.04 1.15 0.00

GOWANUS_GT2_6 24119	21.59 0.58 0.00	21.60 0.51 0.00	20.97 0.47 0.00	20.21 0.45 0.00	23.04 0.40 0.00	25.02 0.49 0.00	24.13 0.50 0.00	20.70 0.64 0.00	17.73 0.70 0.00	19.31 0.80 0.00	15.77 0.70 0.00	15.88 0.76 0.00	18.49 0.91 0.00	19.81 0.98 0.00	20.10 1.07 0.00	21.16 1.16 0.00	29.77 1.58 0.00	34.44 1.71 0.00	38.41 1.73 0.00	36.75 1.54 0.00	41.49 1.68 0.00	28.27 1.22 0.00	26.74 1.22 0.00	26.04 1.15 0.00
GOWANUS_GT2_7 24120	21.59 0.58 0.00	21.60 0.51 0.00	20.97 0.47 0.00	20.21 0.45 0.00	23.04 0.40 0.00	25.02 0.49 0.00	24.13 0.50 0.00	20.70 0.64 0.00	17.73 0.70 0.00	19.31 0.80 0.00	15.77 0.70 0.00	15.88 0.76 0.00	18.49 0.91 0.00	19.81 0.98 0.00	20.10 1.07 0.00	21.16 1.16 0.00	29.77 1.58 0.00	34.44 1.71 0.00	38.41 1.73 0.00	36.75 1.54 0.00	41.49 1.68 0.00	28.27 1.22 0.00	26.74 1.22 0.00	26.04 1.15 0.00
GOWANUS_GT2_8 24121	21.59 0.58 0.00	21.60 0.51 0.00	20.97 0.47 0.00	20.21 0.45 0.00	23.04 0.40 0.00	25.02 0.49 0.00	24.13 0.50 0.00	20.70 0.64 0.00	17.73 0.70 0.00	19.31 0.80 0.00	15.77 0.70 0.00	15.88 0.76 0.00	18.49 0.91 0.00	19.81 0.98 0.00	20.10 1.07 0.00	21.16 1.16 0.00	29.77 1.58 0.00	34.44 1.71 0.00	38.41 1.73 0.00	36.75 1.54 0.00	41.49 1.68 0.00	28.27 1.22 0.00	26.74 1.22 0.00	26.04 1.15 0.00
GOWANUS_GT3_1 24122	21.59 0.58 0.00	21.60 0.51 0.00	20.97 0.47 0.00	20.21 0.45 0.00	23.04 0.40 0.00	25.02 0.49 0.00	24.13 0.50 0.00	20.70 0.64 0.00	17.73 0.70 0.00	19.31 0.80 0.00	15.77 0.70 0.00	15.88 0.76 0.00	18.49 0.91 0.00	19.81 0.98 0.00	20.10 1.07 0.00	21.16 1.16 0.00	29.77 1.58 0.00	34.44 1.71 0.00	38.41 1.73 0.00	36.75 1.54 0.00	41.49 1.68 0.00	28.27 1.22 0.00	26.74 1.22 0.00	26.04 1.15 0.00
GOWANUS_GT3_2 24123	21.59 0.58 0.00	21.60 0.51 0.00	20.97 0.47 0.00	20.21 0.45 0.00	23.04 0.40 0.00	25.02 0.49 0.00	24.13 0.50 0.00	20.70 0.64 0.00	17.73 0.70 0.00	19.31 0.80 0.00	15.77 0.70 0.00	15.88 0.76 0.00	18.49 0.91 0.00	19.81 0.98 0.00	20.10 1.07 0.00	21.16 1.16 0.00	29.77 1.58 0.00	34.44 1.71 0.00	38.41 1.73 0.00	36.75 1.54 0.00	41.49 1.68 0.00	28.27 1.22 0.00	26.74 1.22 0.00	26.04 1.15 0.00
GOWANUS_GT3_3 24124	21.59 0.58 0.00	21.60 0.51 0.00	20.97 0.47 0.00	20.21 0.45 0.00	23.04 0.40 0.00	25.02 0.49 0.00	24.13 0.50 0.00	20.70 0.64 0.00	17.73 0.70 0.00	19.31 0.80 0.00	15.77 0.70 0.00	15.88 0.76 0.00	18.49 0.91 0.00	19.81 0.98 0.00	20.10 1.07 0.00	21.16 1.16 0.00	29.77 1.58 0.00	34.44 1.71 0.00	38.41 1.73 0.00	36.75 1.54 0.00	41.49 1.68 0.00	28.27 1.22 0.00	26.74 1.22 0.00	26.04 1.15 0.00
GOWANUS_GT3_4 24125	21.59 0.58 0.00	21.60 0.51 0.00	20.97 0.47 0.00	20.21 0.45 0.00	23.04 0.40 0.00	25.02 0.49 0.00	24.13 0.50 0.00	20.70 0.64 0.00	17.73 0.70 0.00	19.31 0.80 0.00	15.77 0.70 0.00	15.88 0.76 0.00	18.49 0.91 0.00	19.81 0.98 0.00	20.10 1.07 0.00	21.16 1.16 0.00	29.77 1.58 0.00	34.44 1.71 0.00	38.41 1.73 0.00	36.75 1.54 0.00	41.49 1.68 0.00	28.27 1.22 0.00	26.74 1.22 0.00	26.04 1.15 0.00
GOWANUS_GT3_5 24126	21.59 0.58 0.00	21.60 0.51 0.00	20.97 0.47 0.00	20.21 0.45 0.00	23.04 0.40 0.00	25.02 0.49 0.00	24.13 0.50 0.00	20.70 0.64 0.00	17.73 0.70 0.00	19.31 0.80 0.00	15.77 0.70 0.00	15.88 0.76 0.00	18.49 0.91 0.00	19.81 0.98 0.00	20.10 1.07 0.00	21.16 1.16 0.00	29.77 1.58 0.00	34.44 1.71 0.00	38.41 1.73 0.00	36.75 1.54 0.00	41.49 1.68 0.00	28.27 1.22 0.00	26.74 1.22 0.00	26.04 1.15 0.00
GOWANUS_GT3_6 24127	21.59 0.58 0.00	21.60 0.51 0.00	20.97 0.47 0.00	20.21 0.45 0.00	23.04 0.40 0.00	25.02 0.49 0.00	24.13 0.50 0.00	20.70 0.64 0.00	17.73 0.70 0.00	19.31 0.80 0.00	15.77 0.70 0.00	15.88 0.76 0.00	18.49 0.91 0.00	19.81 0.98 0.00	20.10 1.07 0.00	21.16 1.16 0.00	29.77 1.58 0.00	34.44 1.71 0.00	38.41 1.73 0.00	36.75 1.54 0.00	41.49 1.68 0.00	28.27 1.22 0.00	26.74 1.22 0.00	26.04 1.15 0.00
GOWANUS_GT3_7 24128	21.59 0.58 0.00	21.60 0.51 0.00	20.97 0.47 0.00	20.21 0.45 0.00	23.04 0.40 0.00	25.02 0.49 0.00	24.13 0.50 0.00	20.70 0.64 0.00	17.73 0.70 0.00	19.31 0.80 0.00	15.77 0.70 0.00	15.88 0.76 0.00	18.49 0.91 0.00	19.81 0.98 0.00	20.10 1.07 0.00	21.16 1.16 0.00	29.77 1.58 0.00	34.44 1.71 0.00	38.41 1.73 0.00	36.75 1.54 0.00	41.49 1.68 0.00	28.27 1.22 0.00	26.74 1.22 0.00	26.04 1.15 0.00
GOWANUS_GT3_8 24129	21.59 0.58 0.00	21.60 0.51 0.00	20.97 0.47 0.00	20.21 0.45 0.00	23.04 0.40 0.00	25.02 0.49 0.00	24.13 0.50 0.00	20.70 0.64 0.00	17.73 0.70 0.00	19.31 0.80 0.00	15.77 0.70 0.00	15.88 0.76 0.00	18.49 0.91 0.00	19.81 0.98 0.00	20.10 1.07 0.00	21.16 1.16 0.00	29.77 1.58 0.00	34.44 1.71 0.00	38.41 1.73 0.00	36.75 1.54 0.00	41.49 1.68 0.00	28.27 1.22 0.00	26.74 1.22 0.00	26.04 1.15 0.00
GOWANUS_GT4_1 24130	21.59 0.58 0.00	21.61 0.51 0.00	20.97 0.47 0.00	20.21 0.45 0.00	23.04 0.40 0.00	25.02 0.49 0.00	24.13 0.50 0.00	20.69 0.63 0.00	17.73 0.70 0.00	19.31 0.80 0.00	15.77 0.69 0.00	15.88 0.76 0.00	18.50 0.92 0.00	19.81 0.99 0.00	20.10 1.07 0.00	21.16 1.16 0.00	29.79 1.60 0.00	34.49 1.77 0.00	38.43 1.75 0.00	36.77 1.55 0.00	41.49 1.68 0.00	28.27 1.22 0.00	26.74 1.22 0.00	26.04 1.15 0.00
GOWANUS_GT4_2 24131	21.59 0.58 0.00	21.61 0.51 0.00	20.97 0.47 0.00	20.21 0.45 0.00	23.04 0.40 0.00	25.02 0.49 0.00	24.13 0.50 0.00	20.69 0.63 0.00	17.73 0.70 0.00	19.31 0.80 0.00	15.77 0.69 0.00	15.88 0.76 0.00	18.50 0.92 0.00	19.81 0.99 0.00	20.10 1.07 0.00	21.16 1.16 0.00	29.79 1.60 0.00	34.49 1.77 0.00	38.43 1.75 0.00	36.77 1.55 0.00	41.49 1.68 0.00	28.27 1.22 0.00	26.74 1.22 0.00	26.04 1.15 0.00
GOWANUS_GT4_3 24132	21.59 0.58 0.00	21.61 0.51 0.00	20.97 0.47 0.00	20.21 0.45 0.00	23.04 0.40 0.00	25.02 0.49 0.00	24.13 0.50 0.00	20.69 0.63 0.00	17.73 0.70 0.00	19.31 0.80 0.00	15.77 0.69 0.00	15.88 0.76 0.00	18.50 0.92 0.00	19.81 0.99 0.00	20.10 1.07 0.00	21.16 1.16 0.00	29.79 1.60 0.00	34.49 1.77 0.00	38.43 1.75 0.00	36.77 1.55 0.00	41.49 1.68 0.00	28.27 1.22 0.00	26.74 1.22 0.00	26.04 1.15 0.00
GOWANUS_GT4_4 24133	21.59 0.58 0.00	21.61 0.51 0.00	20.97 0.47 0.00	20.21 0.45 0.00	23.04 0.40 0.00	25.02 0.49 0.00	24.13 0.50 0.00	20.69 0.63 0.00	17.73 0.70 0.00	19.31 0.80 0.00	15.77 0.69 0.00	15.88 0.76 0.00	18.50 0.92 0.00	19.81 0.99 0.00	20.10 1.07 0.00	21.16 1.16 0.00	29.79 1.60 0.00	34.49 1.77 0.00	38.43 1.75 0.00	36.77 1.55 0.00	41.49 1.68 0.00	28.27 1.22 0.00	26.74 1.22 0.00	26.04 1.15 0.00

GOWANUS_GT4_5 24134	21.59 0.58 0.00	21.61 0.51 0.00	20.97 0.47 0.00	20.21 0.45 0.00	23.04 0.40 0.00	25.02 0.49 0.00	24.13 0.50 0.00	20.69 0.63 0.00	17.73 0.70 0.00	19.31 0.80 0.00	15.77 0.69 0.00	15.88 0.76 0.00	18.50 0.92 0.00	19.81 0.99 0.00	20.10 1.07 0.00	21.16 1.16 0.00	29.79 1.60 0.00	34.49 1.77 0.00	38.43 1.75 0.00	36.77 1.55 0.00	41.49 1.68 0.00	28.27 1.22 0.00	26.74 1.22 0.00	26.04 1.15 0.00
GOWANUS_GT4_6 24135	21.59 0.58 0.00	21.61 0.51 0.00	20.97 0.47 0.00	20.21 0.45 0.00	23.04 0.40 0.00	25.02 0.49 0.00	24.13 0.50 0.00	20.69 0.63 0.00	17.73 0.70 0.00	19.31 0.80 0.00	15.77 0.69 0.00	15.88 0.76 0.00	18.50 0.92 0.00	19.81 0.99 0.00	20.10 1.07 0.00	21.16 1.16 0.00	29.79 1.60 0.00	34.49 1.77 0.00	38.43 1.75 0.00	36.77 1.55 0.00	41.49 1.68 0.00	28.27 1.22 0.00	26.74 1.22 0.00	26.04 1.15 0.00
GOWANUS_GT4_7 24136	21.59 0.58 0.00	21.61 0.51 0.00	20.97 0.47 0.00	20.21 0.45 0.00	23.04 0.40 0.00	25.02 0.49 0.00	24.13 0.50 0.00	20.69 0.63 0.00	17.73 0.70 0.00	19.31 0.80 0.00	15.77 0.69 0.00	15.88 0.76 0.00	18.50 0.92 0.00	19.81 0.99 0.00	20.10 1.07 0.00	21.16 1.16 0.00	29.79 1.60 0.00	34.49 1.77 0.00	38.43 1.75 0.00	36.77 1.55 0.00	41.49 1.68 0.00	28.27 1.22 0.00	26.74 1.22 0.00	26.04 1.15 0.00
GOWANUS_GT4_8 24137	21.59 0.58 0.00	21.61 0.51 0.00	20.97 0.47 0.00	20.21 0.45 0.00	23.04 0.40 0.00	25.02 0.49 0.00	24.13 0.50 0.00	20.69 0.63 0.00	17.73 0.70 0.00	19.31 0.80 0.00	15.77 0.69 0.00	15.88 0.76 0.00	18.50 0.92 0.00	19.81 0.99 0.00	20.10 1.07 0.00	21.16 1.16 0.00	29.79 1.60 0.00	34.49 1.77 0.00	38.43 1.75 0.00	36.77 1.55 0.00	41.49 1.68 0.00	28.27 1.22 0.00	26.74 1.22 0.00	26.04 1.15 0.00
GREATVR_69_KV_BK1 356245	21.83 0.81 0.00	21.75 0.64 0.00	21.07 0.56 0.00	20.25 0.50 0.00	23.07 0.42 0.00	25.00 0.47 0.00	24.09 0.46 0.00	20.68 0.63 0.00	18.10 1.07 0.00	19.60 1.10 0.00	15.35 1.03 0.75	16.92 1.10 -0.70	19.62 1.31 -0.74	21.22 1.37 -1.02	24.27 1.44 -3.80	32.02 1.59 -10.43	40.99 2.19 -10.61	49.55 2.37 -14.46	40.40 2.58 -1.15	39.82 2.34 -2.26	45.06 2.53 -2.71	32.34 1.78 -3.52	31.25 1.77 -3.96	30.84 1.77 -4.19
GREENBSH_115KV_TB3 55895	20.96 -0.06 0.00	21.06 -0.03 0.00	20.45 -0.05 0.00	19.72 -0.04 0.00	22.57 -0.07 0.00	24.42 -0.11 0.00	23.52 -0.12 0.00	20.03 -0.04 0.00	17.04 0.01 0.00	18.51 0.00 0.00	15.10 0.02 0.00	15.16 0.04 0.00	17.64 0.06 0.00	18.87 0.05 0.00	19.09 0.07 0.00	20.16 0.16 0.00	28.81 0.62 0.00	33.44 0.72 0.00	37.51 0.84 0.00	36.21 1.00 0.00	40.94 1.13 0.00	27.79 0.74 0.00	26.25 0.72 0.00	25.57 0.68 0.00
GREENDGE_115KV_TB5 80291	20.83 -0.18 0.00	20.97 -0.13 0.00	20.38 -0.12 0.00	19.69 -0.07 0.00	22.63 -0.01 0.00	24.58 0.06 0.00	23.67 0.04 0.00	19.90 -0.16 0.00	16.77 -0.27 0.00	18.10 -0.40 0.00	14.68 -0.40 0.00	14.70 -0.42 0.00	17.12 -0.46 0.00	18.37 -0.45 0.00	18.53 -0.50 0.00	19.49 -0.51 0.00	27.48 -0.70 0.00	31.83 -0.89 0.00	35.97 -0.70 0.00	35.13 -0.09 0.00	39.54 -0.27 0.00	27.04 -0.01 0.00	25.44 -0.09 0.00	24.80 -0.09 0.00
GREENIDGE___3 23582	20.83 -0.18 0.00	20.97 -0.13 0.00	20.38 -0.12 0.00	19.69 -0.07 0.00	22.63 -0.01 0.00	24.58 0.06 0.00	23.67 0.04 0.00	19.90 -0.16 0.00	16.77 -0.27 0.00	18.10 -0.40 0.00	14.68 -0.40 0.00	14.70 -0.42 0.00	17.12 -0.46 0.00	18.37 -0.45 0.00	18.53 -0.50 0.00	19.49 -0.51 0.00	27.48 -0.70 0.00	31.83 -0.89 0.00	35.97 -0.70 0.00	35.13 -0.09 0.00	39.54 -0.27 0.00	27.04 -0.01 0.00	25.44 -0.09 0.00	24.80 -0.09 0.00
GREENIDGE___4 23583	20.83 -0.18 0.00	20.97 -0.13 0.00	20.38 -0.13 0.00	19.69 -0.07 0.00	22.63 -0.01 0.00	24.58 0.06 0.00	23.67 0.04 0.00	19.89 -0.17 0.00	16.77 -0.26 0.00	18.10 -0.40 0.00	14.68 -0.40 0.00	14.69 -0.42 0.00	17.13 -0.46 0.00	18.38 -0.45 0.00	18.53 -0.50 0.00	19.49 -0.51 0.00	27.48 -0.71 0.00	31.84 -0.89 0.00	35.97 -0.70 0.00	35.13 -0.08 0.00	39.55 -0.27 0.00	27.04 -0.01 0.00	25.44 -0.09 0.00	24.80 -0.09 0.00
GREENLWN_69_KV_BK 3 55738	21.53 0.52 0.00	21.48 0.38 0.00	20.81 0.31 0.00	20.02 0.26 0.00	22.84 0.19 0.00	24.74 0.21 0.00	23.85 0.21 0.00	20.45 0.39 0.00	17.78 0.75 0.00	19.30 0.79 0.00	15.00 0.81 0.88	16.58 0.89 -0.57	19.31 1.06 -0.67	20.81 1.09 -0.89	23.64 1.13 -3.48	31.31 1.25 -10.06	40.11 1.66 -10.27	48.45 1.69 -14.04	38.96 1.78 -0.51	38.54 1.60 -1.72	43.94 1.67 -2.46	31.46 1.22 -3.18	30.41 1.30 -3.58	30.02 1.35 -3.78
GREENWD_138_KV_38B11_REV_LBMP_J 345004	21.59 0.58 0.00	21.61 0.51 0.00	20.97 0.47 0.00	20.21 0.45 0.00	23.04 0.40 0.00	25.02 0.49 0.00	24.13 0.50 0.00	20.69 0.63 0.00	17.73 0.70 0.00	19.31 0.80 0.00	15.77 0.69 0.00	15.88 0.76 0.00	18.50 0.92 0.00	19.81 0.99 0.00	20.10 1.07 0.00	21.16 1.16 0.00	29.79 1.60 0.00	34.49 1.77 0.00	38.43 1.75 0.00	36.77 1.55 0.00	41.49 1.68 0.00	28.27 1.22 0.00	26.74 1.22 0.00	26.04 1.15 0.00
GRISSOM___SOLAR 323813	21.80 0.79 0.00	21.89 0.79 0.00	21.26 0.76 0.00	20.48 0.72 0.00	23.49 0.84 0.00	25.43 0.91 0.00	24.51 0.88 0.00	20.61 0.55 0.00	17.05 0.01 0.00	18.30 -0.20 0.00	14.86 -0.22 0.00	14.90 -0.22 0.00	17.34 -0.24 0.00	18.73 -0.09 0.00	19.02 -0.01 0.00	20.15 0.15 0.00	28.30 0.12 0.00	33.68 0.96 0.00	37.70 1.02 0.00	36.82 1.61 0.00	41.65 1.84 0.00	28.25 1.20 0.00	26.59 1.07 0.00	25.88 1.00 0.00
GROVEVILLE___HYD 323602	21.59 0.58 0.00	21.63 0.53 0.00	20.98 0.47 0.00	20.21 0.45 0.00	23.12 0.47 0.00	25.04 0.52 0.00	24.13 0.50 0.00	20.61 0.55 0.00	17.62 0.59 0.00	19.16 0.65 0.00	15.62 0.55 0.00	15.71 0.59 0.00	18.31 0.73 0.00	19.62 0.79 0.00	19.87 0.85 0.00	20.95 0.95 0.00	29.56 1.38 0.00	34.29 1.57 0.00	38.36 1.69 0.00	36.88 1.66 0.00	41.61 1.79 0.00	28.27 1.22 0.00	26.69 1.17 0.00	25.99 1.10 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	20.78 -0.23 0.00	20.88 -0.22 0.00	20.28 -0.22 0.00	19.56 -0.20 0.00	22.42 -0.22 0.00	24.30 -0.22 0.00	23.40 -0.23 0.00	19.82 -0.24 0.00	16.80 -0.23 0.00	18.22 -0.29 0.00	14.83 -0.25 0.00	14.88 -0.24 0.00	17.32 -0.26 0.00	18.56 -0.27 0.00	18.74 -0.29 0.00	19.67 -0.33 0.00	27.67 -0.51 0.00	32.15 -0.57 0.00	36.19 -0.48 0.00	34.97 -0.25 0.00	39.53 -0.28 0.00	26.85 -0.20 0.00	25.30 -0.22 0.00	24.67 -0.22 0.00
HAMLTNNY_34_KV_TB 80303	20.82 -0.19 0.00	20.94 -0.16 0.00	20.34 -0.17 0.00	19.61 -0.15 0.00	22.50 -0.15 0.00	24.40 -0.13 0.00	23.47 -0.17 0.00	19.85 -0.21 0.00	16.82 -0.22 0.00	18.22 -0.29 0.00	14.83 -0.24 0.00	14.87 -0.24 0.00	17.31 -0.27 0.00	18.56 -0.26 0.00	18.72 -0.31 0.00	19.67 -0.33 0.00	27.67 -0.52 0.00	32.15 -0.58 0.00	36.17 -0.50 0.00	35.01 -0.21 0.00	39.55 -0.26 0.00	26.88 -0.17 0.00	25.32 -0.21 0.00	24.69 -0.19 0.00

HAMPSHIRE___PAPER_HYD 323593	21.86 0.85 0.00	21.94 0.84 0.00	21.33 0.82 0.00	20.54 0.78 0.00	23.55 0.90 0.00	25.52 1.00 0.00	24.57 0.94 0.00	20.77 0.71 0.00	17.42 0.39 0.00	18.81 0.30 0.00	15.26 0.18 0.00	15.25 0.13 0.00	17.67 0.09 0.00	18.93 0.11 0.00	19.17 0.14 0.00	20.17 0.17 0.00	28.53 0.35 0.00	33.25 0.53 0.00	37.73 1.05 0.00	36.73 1.51 0.00	41.74 1.93 0.00	28.41 1.36 0.00	26.68 1.15 0.00	25.99 1.10 0.00
HARDSCRABBLE_WT_PWR 323673	21.06 0.05 0.00	21.17 0.07 0.00	20.58 0.07 0.00	19.82 0.06 0.00	22.69 0.04 0.00	24.58 0.06 0.00	23.67 0.03 0.00	20.06 0.00 0.00	16.89 -0.15 0.00	18.22 -0.29 0.00	14.83 -0.25 0.00	14.88 -0.24 0.00	17.30 -0.28 0.00	18.58 -0.24 0.00	18.90 -0.13 0.00	20.00 0.00 0.00	28.22 0.03 0.00	33.33 0.60 0.00	37.52 0.85 0.00	36.42 1.20 0.00	41.10 1.29 0.00	27.84 0.79 0.00	26.20 0.68 0.00	25.48 0.59 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	21.45 0.44 0.00	21.48 0.38 0.00	20.83 0.33 0.00	20.07 0.31 0.00	22.95 0.31 0.00	24.87 0.35 0.00	23.98 0.34 0.00	20.45 0.39 0.00	17.49 0.46 0.00	19.02 0.52 0.00	15.52 0.44 0.00	15.61 0.49 0.00	18.21 0.63 0.00	19.52 0.69 0.00	19.77 0.74 0.00	20.84 0.85 0.00	29.39 1.20 0.00	34.06 1.33 0.00	38.09 1.41 0.00	36.58 1.36 0.00	41.25 1.44 0.00	28.05 1.00 0.00	26.50 0.98 0.00	25.83 0.94 0.00
HARSNRAD_115KV_TB1 81005	20.57 -0.44 0.00	20.78 -0.32 0.00	20.22 -0.28 0.00	19.60 -0.16 0.00	22.58 -0.07 0.00	24.50 -0.02 0.00	23.47 -0.16 0.00	19.55 -0.50 0.00	16.47 -0.56 0.00	17.96 -0.55 0.00	14.60 -0.48 0.00	14.61 -0.51 0.00	16.99 -0.59 0.00	18.20 -0.62 0.00	18.30 -0.72 0.00	19.25 -0.75 0.00	26.94 -1.24 0.00	30.98 -1.74 0.00	34.94 -1.73 0.00	34.02 -1.20 0.00	38.36 -1.45 0.00	26.26 -0.79 0.00	24.69 -0.84 0.00	24.37 -0.51 0.00
HARZA MOOSE___RIVER 24016	21.66 0.65 0.00	21.73 0.63 0.00	21.10 0.59 0.00	20.33 0.57 0.00	23.31 0.66 0.00	25.26 0.74 0.00	24.33 0.69 0.00	20.57 0.51 0.00	17.29 0.26 0.00	18.67 0.17 0.00	15.17 0.09 0.00	15.18 0.06 0.00	17.61 0.03 0.00	18.89 0.06 0.00	19.13 0.10 0.00	20.15 0.14 0.00	28.48 0.29 0.00	33.24 0.51 0.00	37.70 1.03 0.00	36.62 1.41 0.00	41.51 1.70 0.00	28.18 1.13 0.00	26.50 0.97 0.00	25.79 0.90 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	20.65 -0.36 0.00	20.75 -0.35 0.00	20.15 -0.35 0.00	19.44 -0.32 0.00	22.29 -0.36 0.00	24.15 -0.38 0.00	23.26 -0.38 0.00	19.70 -0.36 0.00	16.72 -0.32 0.00	18.14 -0.36 0.00	14.77 -0.30 0.00	14.82 -0.30 0.00	17.25 -0.33 0.00	18.48 -0.35 0.00	18.65 -0.37 0.00	19.57 -0.43 0.00	27.51 -0.67 0.00	31.93 -0.80 0.00	35.94 -0.73 0.00	34.70 -0.52 0.00	39.22 -0.59 0.00	26.64 -0.41 0.00	25.14 -0.39 0.00	24.51 -0.38 0.00
HELLGATE_13_KV_LD 55870	21.68 0.67 0.00	21.69 0.58 0.00	21.04 0.54 0.00	20.27 0.51 0.00	23.11 0.47 0.00	25.08 0.56 0.00	24.20 0.57 0.00	20.78 0.72 0.00	17.82 0.78 0.00	19.40 0.89 0.00	15.86 0.78 0.00	15.96 0.84 0.00	18.59 1.01 0.00	19.90 1.08 0.00	20.18 1.16 0.00	21.24 1.24 0.00	29.87 1.68 0.00	34.59 1.87 0.00	38.51 1.84 0.00	36.88 1.66 0.00	41.60 1.79 0.00	28.34 1.30 0.00	26.83 1.30 0.00	26.11 1.22 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	21.68 0.67 0.00	21.69 0.58 0.00	21.04 0.54 0.00	20.27 0.51 0.00	23.11 0.47 0.00	25.08 0.56 0.00	24.20 0.57 0.00	20.78 0.72 0.00	17.82 0.78 0.00	19.40 0.89 0.00	15.86 0.78 0.00	15.96 0.84 0.00	18.59 1.01 0.00	19.90 1.08 0.00	20.18 1.16 0.00	21.24 1.24 0.00	29.87 1.68 0.00	34.59 1.87 0.00	38.51 1.84 0.00	36.88 1.66 0.00	41.60 1.79 0.00	28.34 1.30 0.00	26.83 1.30 0.00	26.11 1.22 0.00
HEMPSTEAD____ 23647	21.54 0.53 0.00	21.52 0.42 0.00	20.85 0.35 0.00	20.07 0.31 0.00	22.92 0.27 0.00	24.84 0.31 0.00	23.93 0.30 0.00	20.51 0.44 0.00	17.73 0.70 0.00	19.27 0.76 0.00	18.71 0.77 -2.86	20.62 0.85 -4.66	21.68 1.02 -3.08	25.13 1.06 -5.24	34.42 1.10 -14.28	45.81 1.18 -24.63	53.96 1.59 -24.19	66.44 1.68 -32.03	61.56 1.75 -23.13	56.12 1.59 -19.31	52.42 1.72 -10.89	42.58 1.27 -14.26	42.99 1.31 -16.16	43.57 1.32 -17.37
HICKLING___1 23621	20.65 -0.37 0.00	20.83 -0.27 0.00	20.24 -0.26 0.00	19.58 -0.17 0.00	22.53 -0.12 0.00	24.51 -0.01 0.00	23.61 -0.02 0.00	19.79 -0.27 0.00	16.73 -0.31 0.00	18.12 -0.38 0.00	14.73 -0.35 0.00	14.73 -0.39 0.00	17.19 -0.39 0.00	18.42 -0.41 0.00	18.56 -0.46 0.00	19.54 -0.46 0.00	27.56 -0.62 0.00	31.93 -0.80 0.00	36.04 -0.64 0.00	35.16 -0.06 0.00	39.53 -0.28 0.00	26.88 -0.17 0.00	25.31 -0.21 0.00	24.68 -0.21 0.00
HICKLING___2 23622	20.65 -0.37 0.00	20.83 -0.27 0.00	20.24 -0.26 0.00	19.58 -0.17 0.00	22.53 -0.12 0.00	24.51 -0.01 0.00	23.61 -0.02 0.00	19.79 -0.27 0.00	16.73 -0.31 0.00	18.12 -0.38 0.00	14.73 -0.35 0.00	14.73 -0.39 0.00	17.19 -0.39 0.00	18.42 -0.41 0.00	18.56 -0.46 0.00	19.54 -0.46 0.00	27.56 -0.62 0.00	31.93 -0.80 0.00	36.04 -0.64 0.00	35.16 -0.06 0.00	39.53 -0.28 0.00	26.88 -0.17 0.00	25.31 -0.21 0.00	24.68 -0.21 0.00
HIGH FALLS___HY 23754	21.55 0.54 0.00	21.56 0.46 0.00	20.90 0.40 0.00	20.13 0.37 0.00	23.02 0.38 0.00	24.95 0.42 0.00	24.06 0.43 0.00	20.54 0.48 0.00	17.57 0.54 0.00	19.07 0.56 0.00	15.52 0.44 0.00	15.58 0.46 0.00	18.15 0.57 0.00	19.43 0.60 0.00	19.59 0.56 0.00	20.69 0.69 0.00	29.09 0.91 0.00	33.81 1.09 0.00	37.91 1.23 0.00	36.44 1.22 0.00	41.13 1.32 0.00	28.11 1.06 0.00	26.53 1.01 0.00	25.83 0.94 0.00
HIGH_RIVER___SOLAR 323847	21.52 0.51 0.00	21.61 0.51 0.00	20.99 0.49 0.00	20.23 0.47 0.00	23.18 0.53 0.00	25.10 0.57 0.00	24.18 0.55 0.00	20.45 0.39 0.00	17.15 0.12 0.00	18.45 -0.06 0.00	14.98 -0.10 0.00	15.03 -0.09 0.00	17.47 -0.10 0.00	18.79 -0.04 0.00	19.19 0.16 0.00	20.20 0.20 0.00	28.24 0.06 0.00	33.24 0.52 0.00	37.49 0.82 0.00	36.38 1.16 0.00	41.14 1.33 0.00	27.93 0.87 0.00	26.32 0.80 0.00	25.64 0.76 0.00
HILLBURN___GT 23639	21.41 0.40 0.00	21.44 0.34 0.00	20.79 0.28 0.00	20.04 0.28 0.00	22.91 0.26 0.00	24.82 0.30 0.00	23.93 0.30 0.00	20.43 0.37 0.00	17.50 0.46 0.00	19.03 0.52 0.00	15.52 0.45 0.00	15.62 0.50 0.00	18.22 0.64 0.00	19.53 0.71 0.00	19.79 0.76 0.00	20.85 0.86 0.00	29.37 1.18 0.00	33.98 1.26 0.00	37.97 1.30 0.00	36.46 1.24 0.00	41.12 1.31 0.00	27.98 0.93 0.00	26.46 0.94 0.00	25.80 0.91 0.00
HILLSIDE_115KV_TB1 80332	20.38 -0.64 0.00	20.56 -0.54 0.00	19.98 -0.53 0.00	19.32 -0.44 0.00	22.21 -0.44 0.00	24.17 -0.36 0.00	23.30 -0.34 0.00	19.56 -0.50 0.00	16.58 -0.45 0.00	17.99 -0.52 0.00	14.63 -0.45 0.00	14.63 -0.49 0.00	17.06 -0.52 0.00	18.27 -0.55 0.00	18.42 -0.61 0.00	19.38 -0.62 0.00	27.34 -0.85 0.00	31.64 -1.08 0.00	35.61 -1.06 0.00	34.70 -0.52 0.00	39.03 -0.78 0.00	26.55 -0.50 0.00	25.02 -0.50 0.00	24.36 -0.52 0.00

HISHELDN_WT_PWR 323625	20.58 -0.43 0.00	20.79 -0.31 0.00	20.23 -0.27 0.00	19.60 -0.16 0.00	22.58 -0.07 0.00	24.53 0.01 0.00	23.54 -0.09 0.00	19.60 -0.45 0.00	16.50 -0.53 0.00	17.93 -0.57 0.00	14.58 -0.50 0.00	14.58 -0.54 0.00	16.97 -0.61 0.00	18.18 -0.64 0.00	18.30 -0.73 0.00	19.24 -0.76 0.00	27.04 -1.15 0.00	31.18 -1.55 0.00	35.25 -1.42 0.00	34.41 -0.81 0.00	38.73 -1.08 0.00	26.41 -0.64 0.00	24.86 -0.66 0.00	24.45 -0.44 0.00
HOLTSVILLE_IC_1 23690	21.53 0.52 0.00	21.46 0.36 0.00	20.80 0.30 0.00	19.99 0.23 0.00	22.77 0.12 0.00	24.66 0.13 0.00	23.77 0.13 0.00	20.43 0.37 0.00	17.93 0.90 0.00	19.42 0.91 0.00	14.86 0.86 1.07	16.41 0.92 -0.37	19.20 1.08 -0.55	20.58 1.09 -0.67	23.10 1.14 -2.93	30.59 1.27 -9.32	39.50 1.74 -9.57	47.72 1.83 -13.16	38.19 1.95 0.44	37.84 1.73 -0.89	43.68 1.84 -2.03	30.98 1.32 -2.62	29.83 1.36 -2.95	29.37 1.39 -3.10
HOLTSVILLE_IC_10 23699	21.61 0.60 0.00	21.53 0.43 0.00	20.86 0.36 0.00	20.05 0.29 0.00	22.83 0.18 0.00	24.72 0.20 0.00	23.83 0.20 0.00	20.49 0.43 0.00	18.01 0.98 0.00	19.50 0.99 0.00	14.99 0.92 1.00	16.54 0.97 -0.44	19.31 1.15 -0.59	20.75 1.17 -0.76	23.39 1.23 -3.13	30.96 1.38 -9.58	39.91 1.91 -9.81	48.25 2.05 -13.47	38.80 2.20 0.07	38.38 1.96 -1.21	44.08 2.09 -2.19	31.34 1.46 -2.83	30.19 1.49 -3.18	29.73 1.50 -3.35
HOLTSVILLE_IC_2 23691	21.53 0.52 0.00	21.46 0.36 0.00	20.80 0.30 0.00	19.99 0.23 0.00	22.77 0.12 0.00	24.66 0.13 0.00	23.77 0.13 0.00	20.43 0.37 0.00	17.93 0.90 0.00	19.42 0.91 0.00	14.86 0.86 1.07	16.41 0.92 -0.37	19.20 1.08 -0.55	20.58 1.09 -0.67	23.10 1.14 -2.93	30.59 1.27 -9.32	39.50 1.74 -9.57	47.72 1.83 -13.16	38.19 1.95 0.44	37.84 1.73 -0.89	43.68 1.84 -2.03	30.98 1.32 -2.62	29.83 1.36 -2.95	29.37 1.39 -3.10
HOLTSVILLE_IC_3 23692	21.53 0.52 0.00	21.46 0.36 0.00	20.80 0.30 0.00	19.99 0.23 0.00	22.77 0.12 0.00	24.66 0.13 0.00	23.77 0.13 0.00	20.43 0.37 0.00	17.93 0.90 0.00	19.42 0.91 0.00	14.86 0.86 1.07	16.41 0.92 -0.37	19.20 1.08 -0.55	20.58 1.09 -0.67	23.10 1.14 -2.93	30.59 1.27 -9.32	39.50 1.74 -9.57	47.72 1.83 -13.16	38.19 1.95 0.44	37.84 1.73 -0.89	43.68 1.84 -2.03	30.98 1.32 -2.62	29.83 1.36 -2.95	29.37 1.39 -3.10
HOLTSVILLE_IC_4 23693	21.53 0.52 0.00	21.46 0.36 0.00	20.80 0.30 0.00	19.99 0.23 0.00	22.77 0.12 0.00	24.66 0.13 0.00	23.77 0.13 0.00	20.43 0.37 0.00	17.93 0.90 0.00	19.42 0.91 0.00	14.86 0.86 1.07	16.41 0.92 -0.37	19.20 1.08 -0.55	20.58 1.09 -0.67	23.10 1.14 -2.93	30.59 1.27 -9.32	39.50 1.74 -9.57	47.72 1.83 -13.16	38.19 1.95 0.44	37.84 1.73 -0.89	43.68 1.84 -2.03	30.98 1.32 -2.62	29.83 1.36 -2.95	29.37 1.39 -3.10
HOLTSVILLE_IC_5 23694	21.53 0.52 0.00	21.46 0.36 0.00	20.80 0.30 0.00	19.99 0.23 0.00	22.77 0.12 0.00	24.66 0.13 0.00	23.77 0.13 0.00	20.43 0.37 0.00	17.93 0.90 0.00	19.42 0.91 0.00	14.86 0.86 1.07	16.41 0.92 -0.37	19.20 1.08 -0.55	20.58 1.09 -0.67	23.10 1.14 -2.93	30.59 1.27 -9.32	39.50 1.74 -9.57	47.72 1.83 -13.16	38.19 1.95 0.44	37.84 1.73 -0.89	43.68 1.84 -2.03	30.98 1.32 -2.62	29.83 1.36 -2.95	29.37 1.39 -3.10
HOLTSVILLE_IC_6 23695	21.61 0.60 0.00	21.53 0.43 0.00	20.86 0.36 0.00	20.05 0.29 0.00	22.83 0.18 0.00	24.72 0.20 0.00	23.83 0.20 0.00	20.49 0.43 0.00	18.01 0.98 0.00	19.50 0.99 0.00	14.99 0.92 1.00	16.54 0.97 -0.44	19.31 1.15 -0.59	20.75 1.17 -0.76	23.39 1.23 -3.13	30.96 1.38 -9.58	39.91 1.91 -9.81	48.25 2.05 -13.47	38.80 2.20 0.07	38.38 1.96 -1.21	44.08 2.09 -2.19	31.34 1.46 -2.83	30.19 1.49 -3.18	29.73 1.50 -3.35
HOLTSVILLE_IC_7 23696	21.61 0.60 0.00	21.53 0.43 0.00	20.86 0.36 0.00	20.05 0.29 0.00	22.83 0.18 0.00	24.72 0.20 0.00	23.83 0.20 0.00	20.49 0.43 0.00	18.01 0.98 0.00	19.50 0.99 0.00	14.99 0.92 1.00	16.54 0.97 -0.44	19.31 1.15 -0.59	20.75 1.17 -0.76	23.39 1.23 -3.13	30.96 1.38 -9.58	39.91 1.91 -9.81	48.25 2.05 -13.47	38.80 2.20 0.07	38.38 1.96 -1.21	44.08 2.09 -2.19	31.34 1.46 -2.83	30.19 1.49 -3.18	29.73 1.50 -3.35
HOLTSVILLE_IC_8 23697	21.61 0.60 0.00	21.53 0.43 0.00	20.86 0.36 0.00	20.05 0.29 0.00	22.83 0.18 0.00	24.72 0.20 0.00	23.83 0.20 0.00	20.49 0.43 0.00	18.01 0.98 0.00	19.50 0.99 0.00	14.99 0.92 1.00	16.54 0.97 -0.44	19.31 1.15 -0.59	20.75 1.17 -0.76	23.39 1.23 -3.13	30.96 1.38 -9.58	39.91 1.91 -9.81	48.25 2.05 -13.47	38.80 2.20 0.07	38.38 1.96 -1.21	44.08 2.09 -2.19	31.34 1.46 -2.83	30.19 1.49 -3.18	29.73 1.50 -3.35
HOLTSVILLE_IC_9 23698	21.61 0.60 0.00	21.53 0.43 0.00	20.86 0.36 0.00	20.05 0.29 0.00	22.83 0.18 0.00	24.72 0.20 0.00	23.83 0.20 0.00	20.49 0.43 0.00	18.01 0.98 0.00	19.50 0.99 0.00	14.99 0.92 1.00	16.54 0.97 -0.44	19.31 1.15 -0.59	20.75 1.17 -0.76	23.39 1.23 -3.13	30.96 1.38 -9.58	39.91 1.91 -9.81	48.25 2.05 -13.47	38.80 2.20 0.07	38.38 1.96 -1.21	44.08 2.09 -2.19	31.34 1.46 -2.83	30.19 1.49 -3.18	29.73 1.50 -3.35
HOMER_HL_115KV_TB2 355744	20.44 -0.57 0.00	20.70 -0.40 0.00	20.14 -0.37 0.00	19.52 -0.24 0.00	22.54 -0.11 0.00	24.55 0.02 0.00	23.58 -0.05 0.00	19.70 -0.36 0.00	16.69 -0.35 0.00	18.17 -0.33 0.00	14.74 -0.34 0.00	14.69 -0.43 0.00	17.08 -0.50 0.00	18.26 -0.56 0.00	18.36 -0.66 0.00	19.32 -0.68 0.00	27.19 -0.99 0.00	31.31 -1.42 0.00	35.26 -1.42 0.00	34.36 -0.86 0.00	38.73 -1.09 0.00	26.38 -0.67 0.00	24.81 -0.72 0.00	24.31 -0.57 0.00
HOWARD_WT_PWR 323690	20.69 -0.32 0.00	20.85 -0.25 0.00	20.29 -0.21 0.00	19.67 -0.09 0.00	22.66 0.01 0.00	24.63 0.10 0.00	23.67 0.03 0.00	19.75 -0.31 0.00	16.63 -0.40 0.00	18.01 -0.50 0.00	14.60 -0.48 0.00	14.59 -0.53 0.00	17.02 -0.56 0.00	18.25 -0.57 0.00	18.37 -0.65 0.00	19.35 -0.65 0.00	27.28 -0.91 0.00	31.53 -1.19 0.00	35.84 -0.83 0.00	35.04 -0.18 0.00	39.46 -0.35 0.00	26.71 -0.34 0.00	25.15 -0.37 0.00	24.65 -0.24 0.00
HQ_GEN_CEDARS 23644	21.74 0.72 0.00	21.83 0.73 0.00	21.24 0.74 0.00	20.45 0.69 0.00	23.46 0.81 0.00	25.40 0.87 0.00	24.49 0.86 0.00	20.75 0.69 0.00	17.49 0.46 0.00	19.00 0.50 0.00	15.45 0.38 0.00	15.47 0.35 0.00	17.94 0.36 0.00	19.22 0.39 0.00	19.43 0.40 0.00	20.42 0.43 0.00	28.84 0.65 0.00	33.51 0.79 0.00	37.59 0.92 0.00	36.29 1.07 0.00	41.16 1.35 0.00	28.14 1.09 0.00	26.42 0.90 0.00	25.81 0.92 0.00
HQ_GEN_CEDARS_PROXY 323590	21.74 0.72 0.00	21.83 0.73 0.00	21.24 0.74 0.00	20.45 0.69 0.00	23.46 0.81 0.00	25.40 0.87 0.00	24.49 0.86 0.00	20.75 0.69 0.00	17.49 0.46 0.00	19.00 0.50 0.00	15.46 0.38 0.00	15.47 0.35 0.00	17.94 0.36 0.00	19.22 0.39 0.00	19.43 0.40 0.00	20.42 0.43 0.00	28.84 0.65 0.00	33.51 0.79 0.00	37.59 0.92 0.00	36.29 1.07 0.00	41.16 1.35 0.00	28.14 1.09 0.00	26.42 0.90 0.00	25.81 0.92 0.00

HQ_GEN_IMPORT 323601	21.27 0.26 0.00	21.36 0.26 0.00	20.77 0.27 0.00	20.01 0.25 0.00	22.95 0.30 0.00	24.84 0.32 0.00	23.95 0.32 0.00	20.31 0.26 0.00	17.21 0.18 0.00	18.71 0.20 0.00	15.23 0.15 0.00	15.26 0.14 0.00	17.72 0.14 0.00	18.98 0.16 0.00	19.19 0.15 0.00	20.17 0.17 0.00	28.44 0.26 0.00	33.03 0.30 0.00	36.98 0.31 0.00	36.72 0.40 -1.10	40.38 0.57 0.00	27.61 0.56 0.00	25.93 0.41 0.00	25.34 0.45 0.00
HQ_GEN_WHEEL 23651	21.27 0.26 0.00	21.36 0.26 0.00	20.77 0.27 0.00	20.01 0.25 0.00	22.95 0.30 0.00	24.84 0.32 0.00	23.95 0.32 0.00	20.31 0.26 0.00	17.21 0.18 0.00	18.71 0.20 0.00	15.23 0.15 0.00	15.26 0.14 0.00	17.72 0.14 0.00	18.98 0.16 0.00	19.19 0.15 0.00	20.17 0.17 0.00	28.44 0.26 0.00	33.03 0.30 0.00	36.98 0.31 0.00	36.72 0.40 -1.10	40.38 0.57 0.00	27.61 0.56 0.00	25.93 0.41 0.00	25.34 0.45 0.00
HUDSON AVE_GT_3 23810	21.58 0.57 0.00	21.60 0.50 0.00	20.95 0.45 0.00	20.20 0.44 0.00	23.08 0.44 0.00	25.03 0.51 0.00	24.13 0.50 0.00	20.66 0.60 0.00	17.74 0.71 0.00	19.31 0.80 0.00	15.77 0.69 0.00	15.87 0.75 0.00	18.49 0.91 0.00	19.80 0.98 0.00	20.07 1.04 0.00	21.14 1.14 0.00	29.75 1.56 0.00	34.37 1.64 0.00	38.33 1.66 0.00	36.76 1.54 0.00	41.47 1.66 0.00	28.23 1.18 0.00	26.71 1.19 0.00	26.03 1.14 0.00
HUDSON AVE_GT_4 23540	21.58 0.57 0.00	21.60 0.50 0.00	20.95 0.45 0.00	20.20 0.44 0.00	23.08 0.44 0.00	25.03 0.51 0.00	24.13 0.50 0.00	20.66 0.60 0.00	17.74 0.71 0.00	19.31 0.80 0.00	15.77 0.69 0.00	15.87 0.75 0.00	18.49 0.91 0.00	19.80 0.98 0.00	20.07 1.04 0.00	21.14 1.14 0.00	29.75 1.56 0.00	34.37 1.64 0.00	38.33 1.66 0.00	36.76 1.54 0.00	41.47 1.66 0.00	28.23 1.18 0.00	26.71 1.19 0.00	26.03 1.14 0.00
HUDSON AVE_GT_5 23657	21.58 0.57 0.00	21.60 0.50 0.00	20.95 0.45 0.00	20.20 0.44 0.00	23.08 0.44 0.00	25.03 0.51 0.00	24.13 0.50 0.00	20.66 0.60 0.00	17.74 0.71 0.00	19.31 0.80 0.00	15.77 0.69 0.00	15.87 0.75 0.00	18.49 0.91 0.00	19.80 0.98 0.00	20.07 1.04 0.00	21.14 1.14 0.00	29.75 1.56 0.00	34.37 1.64 0.00	38.33 1.66 0.00	36.76 1.54 0.00	41.47 1.66 0.00	28.23 1.18 0.00	26.71 1.19 0.00	26.03 1.14 0.00
HUDSON_AVE_10 24168	21.50 0.48 0.00	21.52 0.42 0.00	20.87 0.37 0.00	20.12 0.36 0.00	22.99 0.34 0.00	24.92 0.40 0.00	24.03 0.39 0.00	20.58 0.51 0.00	17.68 0.64 0.00	19.23 0.73 0.00	15.71 0.64 0.00	15.81 0.69 0.00	18.42 0.84 0.00	19.72 0.90 0.00	19.99 0.96 0.00	21.26 1.04 -0.22	30.12 1.40 -0.53	35.87 1.47 -1.67	44.29 1.48 -6.14	38.46 1.36 -1.88	41.29 1.48 0.00	28.10 1.05 0.00	26.60 1.08 0.00	25.92 1.04 0.00
HUDSON___115KV_TB 4 355613	21.30 0.29 0.00	21.39 0.29 0.00	20.76 0.26 0.00	20.02 0.25 0.00	22.92 0.27 0.00	24.81 0.28 0.00	23.90 0.26 0.00	20.33 0.27 0.00	17.20 0.17 0.00	18.63 0.12 0.00	15.18 0.10 0.00	15.23 0.12 0.00	17.72 0.14 0.00	18.98 0.15 0.00	19.22 0.19 0.00	20.28 0.28 0.00	28.95 0.77 0.00	33.68 0.95 0.00	38.02 1.35 0.00	36.90 1.68 0.00	41.73 1.92 0.00	28.28 1.23 0.00	26.67 1.15 0.00	25.95 1.06 0.00
HUNTER MOUNT___DRP 323613	21.39 0.37 0.00	21.47 0.37 0.00	20.84 0.33 0.00	20.08 0.32 0.00	23.00 0.36 0.00	24.89 0.37 0.00	23.99 0.35 0.00	20.40 0.34 0.00	17.25 0.22 0.00	18.66 0.16 0.00	15.20 0.12 0.00	15.26 0.14 0.00	17.74 0.16 0.00	19.00 0.18 0.00	19.26 0.23 0.00	20.30 0.30 0.00	29.02 0.84 0.00	33.79 1.06 0.00	38.18 1.51 0.00	37.08 1.86 0.00	41.93 2.12 0.00	28.40 1.35 0.00	26.77 1.24 0.00	26.02 1.14 0.00
HUNTINGTON_RES_REC 323705	21.56 0.55 0.00	21.49 0.39 0.00	20.82 0.32 0.00	20.02 0.26 0.00	22.82 0.17 0.00	24.72 0.19 0.00	23.83 0.20 0.00	20.46 0.40 0.00	17.87 0.84 0.00	19.38 0.87 0.00	14.93 0.86 1.00	16.50 0.93 -0.45	19.27 1.10 -0.60	20.72 1.13 -0.76	23.38 1.19 -3.16	30.96 1.33 -9.63	39.88 1.83 -9.86	48.18 1.92 -13.54	38.68 2.03 0.02	38.26 1.80 -1.24	43.91 1.89 -2.21	31.25 1.35 -2.85	30.13 1.40 -3.21	29.69 1.43 -3.38
HUNTLEY___63 23557	20.72 -0.30 0.00	20.93 -0.17 0.00	20.36 -0.15 0.00	19.72 -0.03 0.00	22.72 0.07 0.00	24.66 0.13 0.00	23.63 0.00 0.00	19.69 -0.37 0.00	16.61 -0.43 0.00	18.12 -0.39 0.00	14.74 -0.34 0.00	14.75 -0.37 0.00	17.15 -0.43 0.00	18.39 -0.44 0.00	18.49 -0.54 0.00	19.44 -0.56 0.00	27.28 -0.90 0.00	31.40 -1.32 0.00	35.38 -1.30 0.00	34.42 -0.80 0.00	38.79 -1.02 0.00	26.52 -0.53 0.00	24.93 -0.59 0.00	24.57 -0.32 0.00
HUNTLEY___64 23558	20.72 -0.30 0.00	20.93 -0.17 0.00	20.36 -0.15 0.00	19.72 -0.03 0.00	22.72 0.07 0.00	24.66 0.13 0.00	23.63 0.00 0.00	19.69 -0.37 0.00	16.61 -0.43 0.00	18.12 -0.39 0.00	14.74 -0.34 0.00	14.75 -0.37 0.00	17.15 -0.43 0.00	18.39 -0.44 0.00	18.49 -0.54 0.00	19.44 -0.56 0.00	27.28 -0.90 0.00	31.40 -1.32 0.00	35.38 -1.30 0.00	34.42 -0.80 0.00	38.79 -1.02 0.00	26.52 -0.53 0.00	24.93 -0.59 0.00	24.57 -0.32 0.00
HUNTLEY___65 23559	20.72 -0.30 0.00	20.93 -0.17 0.00	20.36 -0.15 0.00	19.72 -0.03 0.00	22.72 0.07 0.00	24.66 0.13 0.00	23.63 0.00 0.00	19.69 -0.37 0.00	16.61 -0.43 0.00	18.12 -0.39 0.00	14.74 -0.34 0.00	14.75 -0.37 0.00	17.15 -0.43 0.00	18.39 -0.44 0.00	18.49 -0.54 0.00	19.44 -0.56 0.00	27.28 -0.90 0.00	31.40 -1.32 0.00	35.38 -1.30 0.00	34.42 -0.80 0.00	38.79 -1.02 0.00	26.52 -0.53 0.00	24.93 -0.59 0.00	24.57 -0.32 0.00
HUNTLEY___66 23560	20.72 -0.30 0.00	20.93 -0.17 0.00	20.36 -0.15 0.00	19.72 -0.03 0.00	22.72 0.07 0.00	24.66 0.13 0.00	23.63 0.00 0.00	19.69 -0.37 0.00	16.61 -0.43 0.00	18.12 -0.39 0.00	14.74 -0.34 0.00	14.75 -0.37 0.00	17.15 -0.43 0.00	18.39 -0.44 0.00	18.49 -0.54 0.00	19.44 -0.56 0.00	27.28 -0.90 0.00	31.40 -1.32 0.00	35.38 -1.30 0.00	34.42 -0.80 0.00	38.79 -1.02 0.00	26.52 -0.53 0.00	24.93 -0.59 0.00	24.57 -0.32 0.00
HUNTLEY___67 23561	20.56 -0.45 0.00	20.77 -0.33 0.00	20.21 -0.29 0.00	19.58 -0.17 0.00	22.56 -0.08 0.00	24.48 -0.04 0.00	23.47 -0.16 0.00	19.57 -0.49 0.00	16.51 -0.53 0.00	18.01 -0.49 0.00	14.65 -0.43 0.00	14.65 -0.46 0.00	17.03 -0.54 0.00	18.26 -0.56 0.00	18.36 -0.66 0.00	19.30 -0.71 0.00	27.09 -1.09 0.00	31.16 -1.57 0.00	35.10 -1.58 0.00	34.13 -1.09 0.00	38.47 -1.35 0.00	26.30 -0.75 0.00	24.75 -0.78 0.00	24.36 -0.52 0.00
HUNTLEY___68 23562	20.56 -0.45 0.00	20.77 -0.33 0.00	20.21 -0.29 0.00	19.58 -0.17 0.00	22.56 -0.08 0.00	24.48 -0.04 0.00	23.47 -0.16 0.00	19.57 -0.49 0.00	16.51 -0.53 0.00	18.01 -0.49 0.00	14.65 -0.43 0.00	14.65 -0.46 0.00	17.03 -0.54 0.00	18.26 -0.56 0.00	18.36 -0.66 0.00	19.30 -0.71 0.00	27.09 -1.09 0.00	31.16 -1.57 0.00	35.10 -1.58 0.00	34.13 -1.09 0.00	38.47 -1.35 0.00	26.30 -0.75 0.00	24.75 -0.78 0.00	24.36 -0.52 0.00

HYLAND___LFGE 323620	21.65 0.64 0.00	21.78 0.68 0.00	21.17 0.66 0.00	20.48 0.72 0.00	23.56 0.91 0.00	25.59 1.07 0.00	24.62 0.98 0.00	20.56 0.50 0.00	17.04 0.00 0.00	18.30 -0.21 0.00	14.86 -0.21 0.00	14.87 -0.25 0.00	17.33 -0.24 0.00	18.61 -0.21 0.00	18.74 -0.28 0.00	19.72 -0.28 0.00	27.81 -0.38 0.00	32.21 -0.51 0.00	36.57 -0.10 0.00	36.33 1.11 0.00	41.33 1.52 0.00	28.12 1.07 0.00	26.40 0.88 0.00	25.77 0.89 0.00
INDECK___CORINTH 23802	22.00 0.99 0.00	22.10 1.00 0.00	21.45 0.94 0.00	20.66 0.91 0.00	23.70 1.06 0.00	25.65 1.13 0.00	24.72 1.09 0.00	20.99 0.93 0.00	17.77 0.73 0.00	19.17 0.66 0.00	15.48 0.40 0.00	15.52 0.40 0.00	18.07 0.49 0.00	19.32 0.49 0.00	19.58 0.55 0.00	20.68 0.68 0.00	29.28 1.09 0.00	34.51 1.78 0.00	38.97 2.30 0.00	37.89 2.67 0.00	42.79 2.98 0.00	28.88 1.83 0.00	27.24 1.71 0.00	26.47 1.59 0.00
INDECK___ILION 23567	21.04 0.03 0.00	21.14 0.04 0.00	20.53 0.03 0.00	19.79 0.03 0.00	22.66 0.01 0.00	24.55 0.02 0.00	23.65 0.01 0.00	20.05 -0.01 0.00	16.96 -0.08 0.00	18.35 -0.16 0.00	14.95 -0.13 0.00	14.99 -0.13 0.00	17.44 -0.14 0.00	18.70 -0.12 0.00	18.97 -0.06 0.00	20.01 0.01 0.00	28.23 0.04 0.00	33.08 0.35 0.00	37.18 0.51 0.00	35.94 0.73 0.00	40.61 0.80 0.00	27.55 0.50 0.00	25.96 0.44 0.00	25.27 0.38 0.00
INDECK___OLEAN 23982	20.44 -0.57 0.00	20.70 -0.40 0.00	20.14 -0.37 0.00	19.52 -0.24 0.00	22.54 -0.11 0.00	24.55 0.02 0.00	23.58 -0.05 0.00	19.68 -0.38 0.00	16.69 -0.35 0.00	18.18 -0.33 0.00	14.74 -0.34 0.00	14.69 -0.43 0.00	17.09 -0.49 0.00	18.26 -0.56 0.00	18.36 -0.66 0.00	19.32 -0.68 0.00	27.19 -1.00 0.00	31.32 -1.41 0.00	35.25 -1.42 0.00	34.37 -0.85 0.00	38.72 -1.09 0.00	26.38 -0.67 0.00	24.81 -0.72 0.00	24.32 -0.57 0.00
INDECK___OSWEGO 23783	20.50 -0.51 0.00	20.60 -0.50 0.00	20.01 -0.49 0.00	19.30 -0.46 0.00	22.12 -0.53 0.00	23.96 -0.57 0.00	23.08 -0.56 0.00	19.55 -0.51 0.00	16.60 -0.44 0.00	18.00 -0.51 0.00	14.65 -0.43 0.00	14.69 -0.43 0.00	17.09 -0.49 0.00	18.30 -0.53 0.00	18.47 -0.55 0.00	19.37 -0.63 0.00	27.23 -0.96 0.00	31.60 -1.13 0.00	35.59 -1.08 0.00	34.39 -0.82 0.00	38.92 -0.89 0.00	26.44 -0.61 0.00	24.93 -0.59 0.00	24.31 -0.58 0.00
INDECK___YERKES 23781	20.74 -0.28 0.00	20.94 -0.16 0.00	20.38 -0.13 0.00	19.74 -0.02 0.00	22.74 0.10 0.00	24.68 0.15 0.00	23.65 0.01 0.00	19.68 -0.38 0.00	16.62 -0.41 0.00	18.13 -0.38 0.00	14.75 -0.33 0.00	14.76 -0.36 0.00	17.18 -0.42 0.00	18.40 -0.42 0.00	18.51 -0.52 0.00	19.46 -0.54 0.00	27.30 -0.88 0.00	31.44 -1.28 0.00	35.41 -1.26 0.00	34.47 -0.75 0.00	38.81 -1.00 0.00	26.55 -0.50 0.00	24.96 -0.56 0.00	24.59 -0.30 0.00
INDIAN POINT_GT_1 24139	21.41 0.40 0.00	21.45 0.34 0.00	20.79 0.29 0.00	20.04 0.28 0.00	22.91 0.26 0.00	24.82 0.29 0.00	23.92 0.29 0.00	20.44 0.38 0.00	17.52 0.49 0.00	19.06 0.55 0.00	15.55 0.47 0.00	15.64 0.52 0.00	18.23 0.65 0.00	19.53 0.70 0.00	19.79 0.76 0.00	20.85 0.85 0.00	29.36 1.17 0.00	33.98 1.26 0.00	37.95 1.28 0.00	36.46 1.24 0.00	41.14 1.33 0.00	27.98 0.93 0.00	26.47 0.94 0.00	25.79 0.91 0.00
INDIAN POINT_GT_2 23659	21.41 0.40 0.00	21.45 0.34 0.00	20.79 0.29 0.00	20.04 0.28 0.00	22.91 0.26 0.00	24.82 0.29 0.00	23.92 0.29 0.00	20.44 0.38 0.00	17.52 0.49 0.00	19.06 0.55 0.00	15.55 0.47 0.00	15.64 0.52 0.00	18.23 0.65 0.00	19.53 0.70 0.00	19.79 0.76 0.00	20.85 0.85 0.00	29.36 1.17 0.00	33.98 1.26 0.00	37.95 1.28 0.00	36.46 1.24 0.00	41.14 1.33 0.00	27.98 0.93 0.00	26.47 0.94 0.00	25.79 0.91 0.00
INDIAN POINT_GT_3 24019	21.41 0.40 0.00	21.45 0.34 0.00	20.79 0.29 0.00	20.04 0.28 0.00	22.91 0.26 0.00	24.82 0.29 0.00	23.92 0.29 0.00	20.44 0.38 0.00	17.52 0.49 0.00	19.06 0.55 0.00	15.55 0.47 0.00	15.64 0.52 0.00	18.23 0.65 0.00	19.53 0.70 0.00	19.79 0.76 0.00	20.85 0.85 0.00	29.36 1.17 0.00	33.98 1.26 0.00	37.95 1.28 0.00	36.46 1.24 0.00	41.14 1.33 0.00	27.98 0.93 0.00	26.47 0.94 0.00	25.79 0.91 0.00
INDIAN POINT___2 23530	21.39 0.37 0.00	21.42 0.32 0.00	20.77 0.27 0.00	20.02 0.26 0.00	22.89 0.24 0.00	24.80 0.27 0.00	23.91 0.27 0.00	20.43 0.37 0.00	17.50 0.46 0.00	19.03 0.52 0.00	15.52 0.45 0.00	15.61 0.50 0.00	18.21 0.63 0.00	19.50 0.68 0.00	19.76 0.74 0.00	20.82 0.82 0.00	29.32 1.14 0.00	33.92 1.19 0.00	37.90 1.22 0.00	36.39 1.17 0.00	41.06 1.25 0.00	27.94 0.89 0.00	26.43 0.91 0.00	25.77 0.88 0.00
INDIAN POINT___3 23531	21.40 0.39 0.00	21.44 0.34 0.00	20.79 0.28 0.00	20.04 0.27 0.00	22.91 0.26 0.00	24.81 0.29 0.00	23.92 0.28 0.00	20.44 0.38 0.00	17.51 0.48 0.00	19.04 0.53 0.00	15.54 0.46 0.00	15.63 0.51 0.00	18.22 0.64 0.00	19.52 0.69 0.00	19.77 0.74 0.00	20.83 0.83 0.00	29.33 1.15 0.00	33.95 1.22 0.00	37.92 1.24 0.00	36.42 1.21 0.00	41.10 1.29 0.00	27.96 0.91 0.00	26.45 0.93 0.00	25.78 0.89 0.00
INGHAM_C_115KV_TB7 356103	21.09 0.08 0.00	21.19 0.08 0.00	20.58 0.07 0.00	19.82 0.06 0.00	22.69 0.04 0.00	24.59 0.06 0.00	23.68 0.05 0.00	20.05 -0.01 0.00	16.83 -0.20 0.00	18.11 -0.40 0.00	14.74 -0.34 0.00	14.79 -0.33 0.00	17.20 -0.38 0.00	18.49 -0.33 0.00	18.84 -0.19 0.00	19.97 -0.03 0.00	28.18 0.00 0.00	33.41 0.69 0.00	37.68 1.01 0.00	36.67 1.45 0.00	41.41 1.60 0.00	28.04 0.99 0.00	26.40 0.88 0.00	25.65 0.77 0.00
IP CORINTH___1 23988	22.00 0.99 0.00	22.10 1.00 0.00	21.45 0.94 0.00	20.66 0.90 0.00	23.70 1.06 0.00	25.65 1.13 0.00	24.72 1.09 0.00	20.99 0.93 0.00	17.77 0.73 0.00	19.17 0.66 0.00	15.48 0.40 0.00	15.52 0.40 0.00	18.07 0.49 0.00	19.32 0.49 0.00	19.58 0.55 0.00	20.68 0.68 0.00	29.28 1.09 0.00	34.51 1.78 0.00	38.97 2.30 0.00	37.89 2.67 0.00	42.79 2.98 0.00	28.88 1.83 0.00	27.24 1.71 0.00	26.47 1.59 0.00
IP___TICONDEROGA 23804	22.68 1.67 0.00	22.82 1.72 0.00	22.19 1.68 0.00	21.38 1.62 0.00	24.57 1.93 0.00	26.58 2.06 0.00	25.61 1.97 0.00	21.67 1.61 0.00	18.33 1.29 0.00	19.61 1.11 0.00	15.89 0.82 0.00	15.93 0.81 0.00	18.57 0.99 0.00	19.87 1.05 0.00	20.10 1.07 0.00	21.28 1.29 0.00	30.13 1.94 0.00	35.58 2.86 0.00	40.35 3.68 0.00	39.76 4.54 0.00	44.96 5.15 0.00	30.23 3.18 0.00	28.33 2.80 0.00	27.55 2.67 0.00
ISLIP_RES_REC 323679	21.68 0.67 0.00	21.59 0.49 0.00	20.92 0.41 0.00	20.10 0.35 0.00	22.90 0.25 0.00	24.79 0.27 0.00	23.91 0.27 0.00	20.55 0.49 0.00	18.07 1.03 0.00	19.55 1.04 0.00	15.09 0.96 0.95	16.64 1.03 -0.50	19.40 1.20 -0.62	20.87 1.24 -0.81	23.62 1.32 -3.27	31.23 1.47 -9.76	40.22 2.06 -9.98	48.63 2.23 -13.67	39.27 2.42 -0.18	38.80 2.16 -1.43	44.42 2.31 -2.30	31.62 1.60 -2.97	30.48 1.61 -3.35	30.01 1.60 -3.53

JAMAICA__27_KV_LOAD 355505	21.64 0.62 0.00	21.65 0.55 0.00	20.99 0.48 0.00	20.22 0.46 0.00	23.09 0.45 0.00	25.02 0.50 0.00	24.10 0.47 0.00	20.65 0.60 0.00	17.76 0.73 0.00	19.33 0.82 0.00	15.80 0.72 0.00	15.89 0.77 0.00	18.51 0.93 0.00	19.81 0.98 0.00	20.08 1.05 0.00	21.39 1.11 -0.27	30.32 1.47 -0.67	36.37 1.55 -2.10	45.96 1.58 -7.70	39.06 1.48 -2.36	41.45 1.64 0.00	28.21 1.16 0.00	26.75 1.23 0.00	26.05 1.16 0.00
JANIS__SOLAR 323808	21.44 0.43 0.00	21.54 0.44 0.00	20.94 0.43 0.00	20.20 0.44 0.00	23.16 0.51 0.00	25.18 0.65 0.00	24.26 0.63 0.00	20.43 0.36 0.00	17.14 0.10 0.00	18.45 -0.06 0.00	14.94 -0.14 0.00	14.95 -0.17 0.00	17.40 -0.18 0.00	18.67 -0.16 0.00	18.91 -0.12 0.00	19.97 -0.03 0.00	28.25 0.07 0.00	32.87 0.14 0.00	37.35 0.68 0.00	36.50 1.28 0.00	41.19 1.38 0.00	27.81 0.76 0.00	26.11 0.59 0.00	25.46 0.57 0.00
JARVIS____ 23743	20.98 -0.03 0.00	21.07 -0.03 0.00	20.47 -0.04 0.00	19.72 -0.04 0.00	22.61 -0.04 0.00	24.48 -0.05 0.00	23.59 -0.05 0.00	20.02 -0.04 0.00	17.01 -0.02 0.00	18.47 -0.04 0.00	15.05 -0.03 0.00	15.10 -0.01 0.00	17.56 -0.02 0.00	18.80 -0.02 0.00	19.01 -0.02 0.00	20.00 0.00 0.00	28.18 0.00 0.00	32.75 0.03 0.00	36.74 0.07 0.00	35.36 0.15 0.00	39.98 0.17 0.00	27.16 0.11 0.00	25.63 0.10 0.00	24.99 0.10 0.00
JENNISON____1 23625	21.48 0.47 0.00	21.59 0.49 0.00	20.98 0.48 0.00	20.24 0.48 0.00	23.15 0.50 0.00	25.21 0.68 0.00	24.31 0.67 0.00	20.39 0.33 0.00	17.32 0.29 0.00	18.76 0.25 0.00	15.24 0.16 0.00	15.23 0.11 0.00	17.71 0.13 0.00	19.02 0.20 0.00	19.25 0.22 0.00	20.30 0.30 0.00	28.62 0.43 0.00	33.29 0.57 0.00	37.74 1.06 0.00	36.63 1.41 0.00	41.24 1.43 0.00	27.52 0.47 0.00	25.76 0.24 0.00	25.20 0.32 0.00
JENNISON____2 23626	21.48 0.47 0.00	21.59 0.49 0.00	20.98 0.48 0.00	20.24 0.48 0.00	23.15 0.50 0.00	25.21 0.68 0.00	24.31 0.67 0.00	20.39 0.33 0.00	17.32 0.29 0.00	18.76 0.25 0.00	15.24 0.16 0.00	15.23 0.11 0.00	17.71 0.13 0.00	19.02 0.20 0.00	19.25 0.22 0.00	20.30 0.30 0.00	28.62 0.43 0.00	33.29 0.57 0.00	37.74 1.06 0.00	36.63 1.41 0.00	41.24 1.43 0.00	27.52 0.47 0.00	25.76 0.24 0.00	25.20 0.32 0.00
JERICOHO_RISE_WT_PWR 323719	21.44 0.43 0.00	21.53 0.43 0.00	20.97 0.47 0.00	20.17 0.41 0.00	23.09 0.44 0.00	25.04 0.51 0.00	24.18 0.54 0.00	20.52 0.46 0.00	17.37 0.34 0.00	18.89 0.38 0.00	15.37 0.29 0.00	15.38 0.26 0.00	17.84 0.26 0.00	19.11 0.29 0.00	19.32 0.29 0.00	20.34 0.34 0.00	28.74 0.55 0.00	33.42 0.70 0.00	37.47 0.80 0.00	36.15 0.93 0.00	40.98 1.17 0.00	27.97 0.92 0.00	26.26 0.73 0.00	25.63 0.74 0.00
KATONAH__115KV_46KV_TB4 355592	21.51 0.50 0.00	21.55 0.45 0.00	20.90 0.40 0.00	20.14 0.38 0.00	23.03 0.38 0.00	24.95 0.42 0.00	24.04 0.41 0.00	20.56 0.50 0.00	17.62 0.59 0.00	19.16 0.66 0.00	15.65 0.57 0.00	15.74 0.62 0.00	18.34 0.76 0.00	19.64 0.82 0.00	19.91 0.88 0.00	20.98 0.98 0.00	29.56 1.37 0.00	34.22 1.50 0.00	38.24 1.57 0.00	36.72 1.51 0.00	41.44 1.63 0.00	28.18 1.13 0.00	26.62 1.10 0.00	25.93 1.05 0.00
KCE_NY_1 323755	21.75 0.74 0.00	21.84 0.74 0.00	21.20 0.70 0.00	20.42 0.66 0.00	23.43 0.78 0.00	25.40 0.87 0.00	24.43 0.79 0.00	20.74 0.68 0.00	17.55 0.52 0.00	19.01 0.50 0.00	15.43 0.35 0.00	15.47 0.35 0.00	18.02 0.44 0.00	19.28 0.46 0.00	19.54 0.51 0.00	20.62 0.62 0.00	29.16 0.97 0.00	34.14 1.41 0.00	38.45 1.77 0.00	37.20 1.98 0.00	42.06 2.25 0.00	28.45 1.40 0.00	26.84 1.31 0.00	26.12 1.23 0.00
KCE_NY_6_ESR 323823	20.69 -0.33 0.00	20.90 -0.20 0.00	20.33 -0.17 0.00	19.69 -0.06 0.00	22.67 0.02 0.00	24.63 0.11 0.00	23.63 -0.01 0.00	19.68 -0.38 0.00	16.62 -0.41 0.00	18.11 -0.40 0.00	14.72 -0.36 0.00	14.74 -0.38 0.00	17.15 -0.43 0.00	18.37 -0.46 0.00	18.47 -0.56 0.00	19.42 -0.58 0.00	27.28 -0.91 0.00	31.43 -1.30 0.00	35.41 -1.26 0.00	34.49 -0.73 0.00	38.86 -0.95 0.00	26.52 -0.53 0.00	24.95 -0.58 0.00	24.54 -0.34 0.00
KEDC PORT_JEFF_GT2 24210	21.59 0.58 0.00	21.51 0.41 0.00	20.85 0.34 0.00	20.03 0.27 0.00	22.82 0.17 0.00	24.71 0.18 0.00	23.82 0.19 0.00	20.48 0.42 0.00	17.99 0.96 0.00	19.48 0.97 0.00	14.95 0.91 1.03	16.50 0.96 -0.41	19.28 1.13 -0.57	20.71 1.16 -0.72	23.30 1.22 -3.05	30.84 1.36 -9.48	39.79 1.89 -9.72	48.09 2.01 -13.35	38.62 2.16 0.21	38.20 1.90 -1.09	43.97 2.03 -2.13	31.23 1.43 -2.75	30.07 1.46 -3.09	29.61 1.47 -3.25
KEDC PORT_JEFF_GT3 24211	21.59 0.58 0.00	21.51 0.41 0.00	20.85 0.34 0.00	20.03 0.27 0.00	22.82 0.17 0.00	24.71 0.18 0.00	23.82 0.19 0.00	20.48 0.42 0.00	17.99 0.96 0.00	19.48 0.97 0.00	14.95 0.91 1.03	16.50 0.96 -0.41	19.28 1.13 -0.57	20.71 1.16 -0.72	23.30 1.22 -3.05	30.84 1.36 -9.48	39.79 1.89 -9.72	48.09 2.01 -13.35	38.62 2.16 0.21	38.20 1.90 -1.09	43.97 2.03 -2.13	31.23 1.43 -2.75	30.07 1.46 -3.09	29.61 1.47 -3.25
KEDC_GLWD_GT4 24219	21.64 0.62 0.00	21.63 0.53 0.00	20.96 0.46 0.00	20.19 0.43 0.00	23.06 0.41 0.00	24.98 0.46 0.00	24.08 0.45 0.00	20.62 0.56 0.00	17.77 0.74 0.00	19.32 0.81 0.00	18.07 0.78 -2.21	20.35 0.85 -4.39	21.62 1.03 -3.01	24.97 1.09 -5.06	34.61 1.13 -14.44	47.67 1.24 -26.43	56.12 1.70 -26.24	69.86 1.82 -35.32	63.19 1.89 -24.63	56.46 1.75 -19.49	52.71 1.90 -10.99	42.68 1.35 -14.28	42.93 1.36 -16.05	43.22 1.34 -16.99
KEDC_GLWD_GT5 24220	21.64 0.62 0.00	21.63 0.53 0.00	20.96 0.46 0.00	20.19 0.43 0.00	23.06 0.41 0.00	24.98 0.46 0.00	24.08 0.45 0.00	20.62 0.56 0.00	17.77 0.74 0.00	19.32 0.81 0.00	18.07 0.78 -2.21	20.35 0.85 -4.39	21.62 1.03 -3.01	24.97 1.09 -5.06	34.61 1.13 -14.44	47.67 1.24 -26.43	56.12 1.70 -26.24	69.86 1.82 -35.32	63.19 1.89 -24.63	56.46 1.75 -19.49	52.71 1.90 -10.99	42.68 1.35 -14.28	42.93 1.36 -16.05	43.22 1.34 -16.99
KENSICO____ 23655	21.47 0.46 0.00	21.50 0.40 0.00	20.85 0.34 0.00	20.09 0.33 0.00	22.97 0.33 0.00	24.88 0.36 0.00	23.98 0.35 0.00	20.51 0.44 0.00	17.58 0.55 0.00	19.13 0.62 0.00	15.61 0.53 0.00	15.70 0.59 0.00	18.30 0.72 0.00	19.61 0.78 0.00	19.86 0.84 0.00	20.93 0.94 0.00	29.47 1.28 0.00	34.10 1.38 0.00	38.08 1.41 0.00	36.56 1.35 0.00	41.26 1.45 0.00	28.07 1.02 0.00	26.55 1.03 0.00	25.88 0.99 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	21.53 0.51 0.00	21.55 0.45 0.00	20.89 0.38 0.00	20.12 0.36 0.00	23.02 0.37 0.00	24.94 0.42 0.00	24.04 0.41 0.00	20.52 0.46 0.00	17.53 0.50 0.00	19.02 0.51 0.00	15.48 0.40 0.00	15.53 0.41 0.00	18.09 0.52 0.00	19.37 0.54 0.00	19.50 0.47 0.00	20.60 0.60 0.00	29.00 0.82 0.00	33.72 0.99 0.00	37.83 1.16 0.00	36.39 1.17 0.00	41.10 1.29 0.00	28.11 1.06 0.00	26.54 1.01 0.00	25.83 0.94 0.00

KIAC_JFK_GT1 23816	21.51 0.49 0.00	21.53 0.43 0.00	20.87 0.37 0.00	20.11 0.35 0.00	22.96 0.31 0.00	24.88 0.36 0.00	23.97 0.34 0.00	20.54 0.48 0.00	17.66 0.63 0.00	19.23 0.72 0.00	15.71 0.64 0.00	15.80 0.68 0.00	18.41 0.83 0.00	19.70 0.88 0.00	19.97 0.94 0.00	21.27 1.00 -0.27	30.15 1.30 -0.67	36.13 1.31 -2.10	45.60 1.22 -7.70	38.71 1.13 -2.36	41.06 1.24 0.00	27.94 0.89 0.00	26.57 1.05 0.00	25.89 1.01 0.00
KIAC_JFK_GT2 23817	21.51 0.49 0.00	21.53 0.43 0.00	20.87 0.37 0.00	20.11 0.35 0.00	22.96 0.31 0.00	24.88 0.36 0.00	23.97 0.34 0.00	20.54 0.48 0.00	17.66 0.63 0.00	19.23 0.72 0.00	15.71 0.64 0.00	15.80 0.68 0.00	18.41 0.83 0.00	19.70 0.88 0.00	19.97 0.94 0.00	21.27 1.00 -0.27	30.15 1.30 -0.67	36.13 1.31 -2.10	45.60 1.22 -7.70	38.71 1.13 -2.36	41.06 1.24 0.00	27.94 0.89 0.00	26.57 1.05 0.00	25.89 1.01 0.00
KIAC_JFK____ 323774	21.51 0.49 0.00	21.53 0.43 0.00	20.87 0.37 0.00	20.11 0.35 0.00	22.96 0.32 0.00	24.88 0.36 0.00	23.97 0.34 0.00	20.55 0.49 0.00	17.66 0.63 0.00	19.23 0.72 0.00	15.71 0.64 0.00	15.80 0.68 0.00	18.41 0.83 0.00	19.70 0.88 0.00	19.95 0.92 0.00	21.27 1.00 -0.27	30.23 1.37 -0.67	36.25 1.43 -2.10	45.65 1.28 -7.70	38.72 1.14 -2.36	41.05 1.24 0.00	27.94 0.89 0.00	26.57 1.05 0.00	25.89 1.01 0.00
KINTIGH__24_KV_GSU 356498	20.60 -0.41 0.00	20.80 -0.30 0.00	20.23 -0.27 0.00	19.59 -0.16 0.00	22.56 -0.09 0.00	24.47 -0.06 0.00	23.47 -0.17 0.00	19.61 -0.45 0.00	16.57 -0.46 0.00	18.07 -0.43 0.00	14.70 -0.37 0.00	14.70 -0.41 0.00	17.10 -0.48 0.00	18.33 -0.50 0.00	18.44 -0.59 0.00	19.37 -0.64 0.00	27.21 -0.97 0.00	31.35 -1.37 0.00	35.30 -1.37 0.00	34.27 -0.95 0.00	38.65 -1.16 0.00	26.40 -0.65 0.00	24.84 -0.68 0.00	24.41 -0.47 0.00
KINTIGH____ 23543	20.58 -0.43 0.00	20.78 -0.32 0.00	20.22 -0.29 0.00	19.58 -0.18 0.00	22.54 -0.10 0.00	24.45 -0.08 0.00	23.45 -0.18 0.00	19.61 -0.45 0.00	16.56 -0.48 0.00	18.06 -0.44 0.00	14.69 -0.39 0.00	14.70 -0.42 0.00	17.09 -0.49 0.00	18.31 -0.51 0.00	18.43 -0.60 0.00	19.35 -0.65 0.00	27.20 -0.99 0.00	31.32 -1.40 0.00	35.26 -1.41 0.00	34.24 -0.98 0.00	38.62 -1.20 0.00	26.38 -0.67 0.00	24.82 -0.70 0.00	24.39 -0.49 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	21.69 0.68 0.00	21.77 0.67 0.00	21.20 0.69 0.00	20.40 0.64 0.00	23.35 0.71 0.00	25.33 0.80 0.00	24.45 0.81 0.00	20.74 0.75 0.00	17.54 0.50 0.00	19.03 0.53 0.00	15.48 0.40 0.00	15.49 0.37 0.00	17.98 0.40 0.00	19.26 0.43 0.00	19.47 0.45 0.00	20.52 0.52 0.00	29.01 0.82 0.00	33.82 1.09 0.00	38.01 1.33 0.00	36.80 1.58 0.00	41.68 1.87 0.00	28.39 1.34 0.00	26.63 1.11 0.00	25.96 1.08 0.00
LACHUTE____HYDRO 323717	22.68 1.67 0.00	22.82 1.72 0.00	22.19 1.68 0.00	21.38 1.62 0.00	24.57 1.93 0.00	26.58 2.06 0.00	25.61 1.97 0.00	21.67 1.61 0.00	18.33 1.29 0.00	19.61 1.11 0.00	15.89 0.82 0.00	15.93 0.81 0.00	18.57 0.99 0.00	19.87 1.05 0.00	20.10 1.07 0.00	21.28 1.29 0.00	30.13 1.94 0.00	35.59 2.86 0.00	40.35 3.68 0.00	39.75 4.53 0.00	44.96 5.15 0.00	30.23 3.18 0.00	28.33 2.80 0.00	27.55 2.67 0.00
LAWRNCAY_115KV_TB1 80681	21.82 0.81 0.00	21.90 0.80 0.00	21.31 0.81 0.00	20.52 0.76 0.00	23.53 0.89 0.00	25.49 0.97 0.00	24.57 0.94 0.00	20.81 0.75 0.00	17.49 0.45 0.00	18.96 0.45 0.00	15.42 0.34 0.00	15.42 0.30 0.00	17.87 0.29 0.00	19.13 0.31 0.00	19.35 0.32 0.00	20.35 0.35 0.00	28.75 0.57 0.00	33.44 0.72 0.00	37.64 0.97 0.00	36.44 1.22 0.00	41.40 1.59 0.00	28.27 1.22 0.00	26.53 1.01 0.00	25.90 1.01 0.00
LEDERLE____ 23769	21.53 0.51 0.00	21.56 0.45 0.00	20.90 0.39 0.00	20.14 0.38 0.00	23.03 0.38 0.00	24.96 0.43 0.00	24.05 0.41 0.00	20.53 0.47 0.00	17.58 0.55 0.00	19.14 0.63 0.00	15.61 0.53 0.00	15.71 0.59 0.00	18.33 0.75 0.00	19.65 0.82 0.00	19.90 0.87 0.00	20.98 0.98 0.00	29.55 1.37 0.00	34.21 1.49 0.00	38.21 1.54 0.00	36.69 1.47 0.00	41.39 1.58 0.00	28.16 1.11 0.00	26.62 1.10 0.00	25.95 1.06 0.00
LIGHTHSE_115KV_TB6 355974	21.04 0.02 0.00	21.13 0.03 0.00	20.51 0.00 0.00	19.78 0.02 0.00	22.67 0.02 0.00	24.56 0.03 0.00	23.65 0.02 0.00	20.01 -0.05 0.00	16.89 -0.14 0.00	18.24 -0.26 0.00	14.82 -0.26 0.00	14.84 -0.28 0.00	17.23 -0.34 0.00	18.47 -0.35 0.00	18.67 -0.36 0.00	19.59 -0.41 0.00	27.59 -0.59 0.00	32.05 -0.67 0.00	36.37 -0.30 0.00	35.35 0.13 0.00	40.06 0.24 0.00	27.20 0.15 0.00	25.66 0.14 0.00	24.98 0.10 0.00
LINDEN COGEN____ 23786	21.45 0.44 0.00	21.47 0.37 0.00	20.83 0.33 0.00	20.08 0.32 0.00	22.94 0.29 0.00	24.86 0.34 0.00	23.98 0.34 0.00	20.54 0.48 0.00	17.63 0.60 0.00	19.19 0.69 0.00	15.67 0.59 0.00	15.77 0.65 0.00	18.38 0.80 0.00	19.69 0.87 0.00	19.95 0.92 0.00	21.02 1.02 0.00	29.56 1.37 0.00	34.15 1.42 0.00	38.08 1.41 0.00	36.49 1.28 0.00	41.18 1.37 0.00	28.04 0.99 0.00	26.54 1.01 0.00	25.87 0.98 0.00
LINDHRST_69_KV_BK1 356055	21.76 0.75 0.00	21.70 0.60 0.00	21.02 0.51 0.00	20.21 0.45 0.00	23.06 0.41 0.00	24.97 0.44 0.00	24.06 0.43 0.00	20.63 0.57 0.00	17.96 0.93 0.00	19.48 0.97 0.00	16.36 0.95 -0.33	17.98 1.03 -1.83	20.19 1.23 -1.39	22.28 1.28 -2.17	26.62 1.34 -6.26	35.01 1.45 -13.56	43.74 1.98 -13.57	53.02 2.11 -18.19	44.69 2.29 -5.73	43.34 2.09 -6.03	46.65 2.26 -4.58	34.77 1.62 -6.11	34.24 1.65 -7.08	34.41 1.66 -7.87
LIPA_MISC_IPP 23656	21.45 0.44 0.00	21.37 0.27 0.00	20.71 0.20 0.00	19.90 0.14 0.00	22.64 0.00 0.00	24.52 0.00 0.00	23.64 0.01 0.00	20.34 0.28 0.00	18.01 0.97 0.00	19.47 0.96 1.06	14.87 0.86 -0.38	16.39 0.90 -0.38	19.17 1.04 -0.55	20.53 1.03 -0.68	23.06 1.07 -2.96	30.57 1.21 -9.36	39.47 1.68 -9.61	47.73 1.79 -13.21	38.27 1.98 0.38	37.90 1.74 -0.94	43.70 1.83 -2.05	30.99 1.29 -2.65	29.82 1.32 -2.98	29.34 1.32 -3.14
LISF____SOLAR 323691	21.49 0.47 0.00	21.40 0.30 0.00	20.74 0.23 0.00	19.93 0.17 0.00	22.67 0.02 0.00	24.54 0.02 0.00	23.67 0.03 0.00	20.37 0.31 0.00	18.03 1.00 0.00	19.49 0.98 1.05	14.89 0.86 1.05	16.42 0.91 -0.39	19.19 1.05 -0.56	20.55 1.03 -0.70	23.12 1.09 -3.00	30.63 1.23 -9.41	39.57 1.74 -9.65	47.87 1.89 -13.27	38.40 2.04 0.32	38.02 1.81 -1.00	43.82 1.92 -2.08	31.09 1.35 -2.69	29.91 1.36 -3.02	29.43 1.36 -3.18
LITTLE FALLS____HYD 24013	21.09 0.08 0.00	21.19 0.08 0.00	20.58 0.07 0.00	19.82 0.06 0.00	22.69 0.04 0.00	24.59 0.06 0.00	23.68 0.05 0.00	20.05 -0.01 0.00	16.83 -0.20 0.00	18.11 -0.40 0.00	14.74 -0.34 0.00	14.79 -0.33 0.00	17.20 -0.38 0.00	18.49 -0.33 0.00	18.84 -0.19 0.00	19.97 -0.03 0.00	28.18 0.00 0.00	33.41 0.69 0.00	37.68 1.01 0.00	36.67 1.45 0.00	41.41 1.60 0.00	28.04 0.99 0.00	26.40 0.88 0.00	25.65 0.77 0.00

LITTLRIV_115KV_TB1 356100	22.13 1.12 0.00	22.21 1.11 0.00	21.61 1.11 0.00	20.80 1.04 0.00	23.86 1.22 0.00	25.85 1.33 0.00	24.92 1.29 0.00	21.07 1.01 0.00	17.60 0.56 0.00	19.02 0.51 0.00	15.45 0.37 0.00	15.45 0.33 0.00	17.91 0.33 0.00	19.19 0.36 0.00	19.42 0.39 0.00	20.41 0.41 0.00	28.84 0.65 0.00	33.60 0.87 0.00	37.93 1.25 0.00	36.97 1.75 0.00	42.04 2.23 0.00	28.70 1.65 0.00	26.92 1.39 0.00	26.25 1.37 0.00
LI_NEWBRDGE___DRP 323616	21.48 0.47 0.00	21.45 0.35 0.00	20.79 0.28 0.00	20.00 0.24 0.00	22.82 0.18 0.00	24.74 0.21 0.00	23.83 0.20 0.00	20.43 0.37 0.00	17.71 0.67 0.00	19.22 0.72 0.00	14.05 0.76 1.78	15.58 0.84 0.38	18.69 1.01 -0.11	19.74 1.04 0.12	21.05 1.05 -0.97	27.90 1.14 -6.76	36.83 1.53 -7.12	44.24 1.57 -9.95	33.26 1.68 5.09	34.23 1.52 2.51	41.93 1.63 -0.49	28.86 1.20 -0.60	27.44 1.25 -0.66	26.82 1.29 -0.65
LOCKPORT_115KV_TB60_63_64 80432	20.58 -0.44 0.00	20.79 -0.32 0.00	20.22 -0.28 0.00	19.60 -0.15 0.00	22.58 -0.07 0.00	24.50 -0.02 0.00	23.48 -0.15 0.00	19.56 -0.49 0.00	16.48 -0.56 0.00	17.96 -0.55 0.00	14.60 -0.48 0.00	14.60 -0.52 0.00	16.99 -0.59 0.00	18.20 -0.62 0.00	18.30 -0.72 0.00	19.25 -0.75 0.00	26.93 -1.26 0.00	30.97 -1.75 0.00	34.95 -1.73 0.00	34.02 -1.20 0.00	38.38 -1.43 0.00	26.27 -0.78 0.00	24.69 -0.84 0.00	24.38 -0.51 0.00
LOCKPORT___CC1 323769	20.57 -0.44 0.00	20.78 -0.32 0.00	20.22 -0.28 0.00	19.60 -0.16 0.00	22.58 -0.07 0.00	24.50 -0.02 0.00	23.48 -0.16 0.00	19.53 -0.52 0.00	16.48 -0.56 0.00	17.96 -0.55 0.00	14.60 -0.48 0.00	14.60 -0.51 0.00	16.99 -0.59 0.00	18.20 -0.62 0.00	18.30 -0.72 0.00	19.24 -0.75 0.00	26.94 -1.24 0.00	30.99 -1.74 0.00	34.94 -1.73 0.00	34.03 -1.19 0.00	38.36 -1.45 0.00	26.26 -0.79 0.00	24.69 -0.84 0.00	24.37 -0.51 0.00
LOCKPORT___CC2 323770	20.57 -0.44 0.00	20.78 -0.32 0.00	20.22 -0.28 0.00	19.60 -0.16 0.00	22.58 -0.07 0.00	24.50 -0.02 0.00	23.48 -0.16 0.00	19.53 -0.52 0.00	16.48 -0.56 0.00	17.96 -0.55 0.00	14.60 -0.48 0.00	14.60 -0.51 0.00	16.99 -0.59 0.00	18.20 -0.62 0.00	18.30 -0.72 0.00	19.24 -0.75 0.00	26.94 -1.24 0.00	30.99 -1.74 0.00	34.94 -1.73 0.00	34.03 -1.19 0.00	38.36 -1.45 0.00	26.26 -0.79 0.00	24.69 -0.84 0.00	24.37 -0.51 0.00
LOCKPORT___CC3 323771	20.57 -0.44 0.00	20.78 -0.32 0.00	20.22 -0.28 0.00	19.60 -0.16 0.00	22.58 -0.07 0.00	24.50 -0.02 0.00	23.48 -0.16 0.00	19.53 -0.52 0.00	16.48 -0.56 0.00	17.96 -0.55 0.00	14.60 -0.48 0.00	14.60 -0.51 0.00	16.99 -0.59 0.00	18.20 -0.62 0.00	18.30 -0.72 0.00	19.24 -0.75 0.00	26.94 -1.24 0.00	30.99 -1.74 0.00	34.94 -1.73 0.00	34.03 -1.19 0.00	38.36 -1.45 0.00	26.26 -0.79 0.00	24.69 -0.84 0.00	24.37 -0.51 0.00
LOCUSVLY_69_KV_BK2 55797	21.67 0.65 0.00	21.65 0.55 0.00	20.97 0.46 0.00	20.19 0.43 0.00	23.05 0.40 0.00	24.98 0.46 0.00	24.08 0.44 0.00	20.62 0.56 0.00	17.84 0.80 0.00	19.38 0.87 0.00	17.39 0.84 -1.47	19.47 0.92 -3.44	21.10 1.10 -2.42	24.01 1.17 -4.01	31.90 1.22 -11.66	43.46 1.33 -22.13	51.98 1.82 -21.98	64.13 1.93 -29.47	56.29 2.04 -17.58	51.80 1.86 -14.72	50.64 2.01 -8.82	39.95 1.44 -11.46	39.86 1.44 -12.89	39.99 1.44 -13.66
LONG_LAKE_PHOENIX 24014	20.56 -0.46 0.00	20.65 -0.44 0.00	20.06 -0.45 0.00	19.35 -0.41 0.00	22.18 -0.47 0.00	24.02 -0.51 0.00	23.14 -0.50 0.00	19.61 -0.45 0.00	16.64 -0.39 0.00	18.05 -0.46 0.00	14.69 -0.38 0.00	14.73 -0.39 0.00	17.15 -0.43 0.00	18.38 -0.45 0.00	18.53 -0.50 0.00	19.43 -0.57 0.00	27.32 -0.86 0.00	31.72 -1.00 0.00	35.74 -0.94 0.00	34.52 -0.70 0.00	39.05 -0.76 0.00	26.52 -0.53 0.00	25.00 -0.52 0.00	24.38 -0.51 0.00
LOVETT___3 23632	21.39 0.38 0.00	21.43 0.33 0.00	20.78 0.27 0.00	20.02 0.26 0.00	22.89 0.24 0.00	24.81 0.28 0.00	23.91 0.27 0.00	20.42 0.36 0.00	17.50 0.46 0.00	19.03 0.52 0.00	15.52 0.45 0.00	15.62 0.50 0.00	18.21 0.63 0.00	19.51 0.69 0.00	19.76 0.74 0.00	20.83 0.83 0.00	29.33 1.14 0.00	33.94 1.22 0.00	37.91 1.24 0.00	36.40 1.18 0.00	41.07 1.26 0.00	27.95 0.90 0.00	26.44 0.91 0.00	25.77 0.88 0.00
LOVETT___4 23642	21.39 0.38 0.00	21.43 0.33 0.00	20.78 0.27 0.00	20.02 0.26 0.00	22.89 0.24 0.00	24.81 0.28 0.00	23.91 0.27 0.00	20.42 0.36 0.00	17.50 0.46 0.00	19.03 0.52 0.00	15.52 0.45 0.00	15.62 0.50 0.00	18.21 0.63 0.00	19.51 0.69 0.00	19.76 0.74 0.00	20.83 0.83 0.00	29.33 1.14 0.00	33.94 1.22 0.00	37.91 1.24 0.00	36.40 1.18 0.00	41.07 1.26 0.00	27.95 0.90 0.00	26.44 0.91 0.00	25.77 0.88 0.00
LOVETT___5 23593	21.39 0.38 0.00	21.43 0.33 0.00	20.78 0.27 0.00	20.02 0.26 0.00	22.89 0.24 0.00	24.81 0.28 0.00	23.91 0.27 0.00	20.42 0.36 0.00	17.50 0.46 0.00	19.03 0.52 0.00	15.52 0.45 0.00	15.62 0.50 0.00	18.21 0.63 0.00	19.51 0.69 0.00	19.76 0.74 0.00	20.83 0.83 0.00	29.33 1.14 0.00	33.94 1.22 0.00	37.91 1.24 0.00	36.40 1.18 0.00	41.07 1.26 0.00	27.95 0.90 0.00	26.44 0.91 0.00	25.77 0.88 0.00
LOWER RAQUET___HYD 24057	21.85 0.83 0.00	21.93 0.83 0.00	21.34 0.84 0.00	20.54 0.78 0.00	23.56 0.91 0.00	25.52 1.00 0.00	24.60 0.97 0.00	20.83 0.77 0.00	17.49 0.46 0.00	18.95 0.44 0.00	15.40 0.32 0.00	15.40 0.28 0.00	17.85 0.27 0.00	19.11 0.28 0.00	19.33 0.30 0.00	20.32 0.32 0.00	28.72 0.54 0.00	33.43 0.70 0.00	37.65 0.97 0.00	36.49 1.28 0.00	41.48 1.67 0.00	28.31 1.26 0.00	26.56 1.04 0.00	25.93 1.04 0.00
LOWER___HUDSON 24059	21.36 0.34 0.00	21.46 0.36 0.00	20.83 0.33 0.00	20.08 0.32 0.00	23.01 0.36 0.00	24.89 0.36 0.00	23.97 0.33 0.00	20.39 0.33 0.00	17.33 0.30 0.00	18.80 0.29 0.00	15.30 0.22 0.00	15.35 0.23 0.00	17.86 0.28 0.00	19.11 0.28 0.00	19.34 0.31 0.00	20.39 0.39 0.00	28.81 0.63 0.00	33.53 0.81 0.00	37.67 1.00 0.00	36.44 1.22 0.00	41.19 1.38 0.00	27.93 0.88 0.00	26.39 0.86 0.00	25.69 0.80 0.00
LOWVILLE_115KV_TB2 356335	21.85 0.84 0.00	21.93 0.83 0.00	21.29 0.78 0.00	20.51 0.75 0.00	23.52 0.87 0.00	25.49 0.96 0.00	24.52 0.89 0.00	20.70 0.64 0.00	17.36 0.33 0.00	18.69 0.19 0.00	15.17 0.09 0.00	15.16 0.04 0.00	17.55 -0.03 0.00	18.83 0.01 0.00	19.09 0.06 0.00	20.10 0.10 0.00	28.46 0.27 0.00	33.19 0.46 0.00	37.81 1.14 0.00	36.90 1.68 0.00	41.91 2.10 0.00	28.45 1.40 0.00	26.73 1.20 0.00	26.01 1.13 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	21.74 0.73 0.00	21.83 0.73 0.00	21.20 0.69 0.00	20.43 0.66 0.00	23.42 0.77 0.00	25.36 0.83 0.00	24.41 0.78 0.00	20.74 0.67 0.00	17.56 0.52 0.00	19.01 0.50 0.00	15.43 0.35 0.00	15.47 0.35 0.00	18.01 0.43 0.00	19.28 0.46 0.00	19.53 0.50 0.00	20.60 0.61 0.00	29.13 0.95 0.00	34.09 1.36 0.00	38.40 1.73 0.00	37.17 1.95 0.00	42.01 2.19 0.00	28.43 1.38 0.00	26.82 1.30 0.00	26.10 1.21 0.00

LUTHERNY_35_KV_BK2 355980	21.75 0.74 0.00	21.84 0.74 0.00	21.20 0.70 0.00	20.42 0.66 0.00	23.43 0.78 0.00	25.40 0.87 0.00	24.43 0.79 0.00	20.74 0.68 0.00	17.55 0.52 0.00	19.01 0.50 0.00	15.43 0.35 0.00	15.47 0.35 0.00	18.02 0.44 0.00	19.28 0.46 0.00	19.53 0.51 0.00	20.62 0.62 0.00	29.16 0.97 0.00	34.14 1.42 0.00	38.45 1.78 0.00	37.20 1.99 0.00	42.06 2.25 0.00	28.45 1.40 0.00	26.83 1.31 0.00	26.12 1.23 0.00
LWR___OSWEGATCHIE_HYD 23850	21.86 0.85 0.00	21.94 0.84 0.00	21.33 0.82 0.00	20.54 0.78 0.00	23.55 0.90 0.00	25.52 1.00 0.00	24.57 0.94 0.00	20.78 0.72 0.00	17.42 0.39 0.00	18.81 0.30 0.00	15.26 0.18 0.00	15.25 0.13 0.00	17.66 0.08 0.00	18.93 0.11 0.00	19.17 0.14 0.00	20.17 0.17 0.00	28.53 0.35 0.00	33.25 0.53 0.00	37.73 1.05 0.00	36.73 1.51 0.00	41.74 1.93 0.00	28.41 1.36 0.00	26.68 1.15 0.00	25.99 1.10 0.00
LYONS_FALL_HYD 23570	21.66 0.65 0.00	21.73 0.63 0.00	21.10 0.59 0.00	20.33 0.57 0.00	23.31 0.66 0.00	25.26 0.74 0.00	24.33 0.69 0.00	20.57 0.51 0.00	17.30 0.26 0.00	18.67 0.17 0.00	15.17 0.09 0.00	15.18 0.06 0.00	17.61 0.03 0.00	18.89 0.06 0.00	19.13 0.10 0.00	20.14 0.14 0.00	28.48 0.29 0.00	33.24 0.51 0.00	37.70 1.03 0.00	36.62 1.41 0.00	41.51 1.69 0.00	28.18 1.13 0.00	26.50 0.97 0.00	25.79 0.90 0.00
MADISON___COUNTY_LFGE 323628	21.35 0.33 0.00	21.43 0.32 0.00	20.81 0.31 0.00	20.06 0.30 0.00	22.99 0.34 0.00	24.92 0.40 0.00	24.02 0.39 0.00	20.33 0.27 0.00	17.13 0.10 0.00	18.54 0.04 0.00	15.08 0.00 0.00	15.12 0.00 0.00	17.60 0.02 0.00	18.87 0.05 0.00	19.10 0.07 0.00	20.10 0.10 0.00	28.35 0.17 0.00	33.05 0.32 0.00	37.32 0.65 0.00	36.17 0.95 0.00	40.90 1.09 0.00	27.76 0.71 0.00	26.13 0.61 0.00	25.44 0.55 0.00
MALONE___115KV_TB1 356076	21.78 0.77 0.00	21.86 0.75 0.00	21.28 0.77 0.00	20.47 0.71 0.00	23.46 0.81 0.00	25.43 0.91 0.00	24.56 0.92 0.00	20.84 0.78 0.00	17.57 0.54 0.00	19.07 0.56 0.00	15.50 0.42 0.00	15.50 0.38 0.00	17.98 0.40 0.00	19.25 0.42 0.00	19.48 0.45 0.00	20.49 0.49 0.00	28.97 0.78 0.00	33.73 1.01 0.00	37.96 1.29 0.00	36.75 1.54 0.00	41.70 1.89 0.00	28.45 1.40 0.00	26.68 1.15 0.00	26.00 1.12 0.00
MAPLEWOD_115KV_TB3 80458	21.21 0.19 0.00	21.32 0.22 0.00	20.70 0.19 0.00	19.94 0.18 0.00	22.84 0.20 0.00	24.70 0.18 0.00	23.79 0.16 0.00	20.25 0.19 0.00	17.22 0.19 0.00	18.69 0.19 0.00	15.24 0.16 0.00	15.30 0.18 0.00	17.80 0.22 0.00	19.05 0.23 0.00	19.28 0.25 0.00	20.35 0.35 0.00	28.92 0.73 0.00	33.60 0.87 0.00	37.73 1.05 0.00	36.43 1.21 0.00	41.18 1.36 0.00	27.94 0.89 0.00	26.37 0.85 0.00	25.70 0.81 0.00
MAPLE_RIDGE_WT_1 323574	21.07 0.06 0.00	21.18 0.08 0.00	20.59 0.08 0.00	19.84 0.08 0.00	22.73 0.09 0.00	24.61 0.09 0.00	23.71 0.08 0.00	20.12 0.06 0.00	17.07 0.03 0.00	18.55 0.05 0.00	15.11 0.03 0.00	15.14 0.02 0.00	17.59 0.02 0.00	18.84 0.01 0.00	19.05 0.02 0.00	20.03 0.03 0.00	28.24 0.06 0.00	32.80 0.07 0.00	36.78 0.11 0.00	35.43 0.21 0.00	40.10 0.28 0.00	27.31 0.26 0.00	25.72 0.20 0.00	25.10 0.21 0.00
MAPLE_RIDGE_WT_2 323611	21.07 0.06 0.00	21.18 0.08 0.00	20.59 0.08 0.00	19.84 0.08 0.00	22.73 0.09 0.00	24.61 0.09 0.00	23.71 0.08 0.00	20.12 0.06 0.00	17.07 0.03 0.00	18.55 0.05 0.00	15.11 0.03 0.00	15.14 0.02 0.00	17.59 0.02 0.00	18.84 0.01 0.00	19.05 0.02 0.00	20.03 0.03 0.00	28.24 0.06 0.00	32.80 0.07 0.00	36.78 0.11 0.00	35.43 0.21 0.00	40.10 0.28 0.00	27.31 0.26 0.00	25.72 0.20 0.00	25.10 0.21 0.00
MARBLE_RIVER_WT_PWR 323696	21.44 0.43 0.00	21.53 0.43 0.00	20.97 0.46 0.00	20.17 0.41 0.00	23.09 0.44 0.00	25.04 0.52 0.00	24.18 0.54 0.00	20.52 0.46 0.00	17.38 0.35 0.00	18.89 0.39 0.00	15.37 0.29 0.00	15.38 0.26 0.00	17.85 0.27 0.00	19.12 0.29 0.00	19.33 0.30 0.00	20.35 0.35 0.00	28.76 0.57 0.00	33.46 0.73 0.00	37.52 0.85 0.00	36.21 1.00 0.00	41.04 1.22 0.00	28.00 0.95 0.00	26.29 0.77 0.00	25.65 0.77 0.00
MARSHVLE_115KV_TB1 80742	21.83 0.82 0.00	21.91 0.81 0.00	21.32 0.81 0.00	20.54 0.78 0.00	23.56 0.91 0.00	25.52 0.99 0.00	24.59 0.95 0.00	20.67 0.61 0.00	17.25 0.22 0.00	18.66 0.15 0.00	15.18 0.10 0.00	15.21 0.09 0.00	17.67 0.09 0.00	18.98 0.15 0.00	19.27 0.24 0.00	20.32 0.32 0.00	28.37 0.18 0.00	33.52 0.79 0.00	37.60 0.92 0.00	36.48 1.27 0.00	41.24 1.43 0.00	28.00 0.95 0.00	26.32 0.80 0.00	25.65 0.76 0.00
MARSH_HILL_WT_PWR 323713	20.69 -0.33 0.00	20.84 -0.26 0.00	20.29 -0.21 0.00	19.67 -0.09 0.00	22.66 0.01 0.00	24.62 0.09 0.00	23.65 0.01 0.00	19.74 -0.32 0.00	16.61 -0.42 0.00	17.98 -0.53 0.00	14.58 -0.49 0.00	14.57 -0.55 0.00	17.00 -0.58 0.00	18.24 -0.59 0.00	18.36 -0.67 0.00	19.33 -0.67 0.00	27.25 -0.93 0.00	31.52 -1.20 0.00	35.81 -0.86 0.00	35.03 -0.18 0.00	39.46 -0.35 0.00	26.70 -0.35 0.00	25.15 -0.37 0.00	24.64 -0.25 0.00
MCINTYRE_115KV_TB2 80467	22.22 1.21 0.00	22.30 1.20 0.00	21.70 1.20 0.00	20.89 1.13 0.00	23.96 1.31 0.00	25.96 1.43 0.00	25.03 1.39 0.00	21.15 1.09 0.00	17.62 0.59 0.00	19.06 0.55 0.00	15.49 0.41 0.00	15.49 0.37 0.00	17.95 0.37 0.00	19.23 0.41 0.00	19.46 0.43 0.00	20.45 0.45 0.00	28.90 0.71 0.00	33.65 0.92 0.00	37.95 1.28 0.00	37.08 1.86 0.00	42.19 2.38 0.00	28.81 1.76 0.00	27.00 1.48 0.00	26.34 1.46 0.00
MECO_____69_KV_BK1 80468	21.99 0.98 0.00	22.07 0.97 0.00	21.44 0.94 0.00	20.65 0.89 0.00	23.68 1.04 0.00	25.65 1.13 0.00	24.73 1.09 0.00	20.83 0.78 0.00	17.31 0.27 0.00	18.58 0.07 0.00	15.06 -0.01 0.00	15.09 -0.03 0.00	17.55 -0.03 0.00	18.96 0.13 0.00	19.23 0.20 0.00	20.27 0.27 0.00	28.55 0.37 0.00	34.00 1.28 0.00	38.14 1.47 0.00	37.19 1.97 0.00	42.04 2.23 0.00	28.51 1.46 0.00	26.82 1.29 0.00	26.10 1.21 0.00
MENANDS___115KV_TB5 355628	21.08 0.06 0.00	21.19 0.09 0.00	20.57 0.07 0.00	19.83 0.07 0.00	22.71 0.06 0.00	24.56 0.04 0.00	23.65 0.01 0.00	20.14 0.08 0.00	17.14 0.10 0.00	18.61 0.11 0.00	15.19 0.11 0.00	15.25 0.13 0.00	17.74 0.16 0.00	18.98 0.15 0.00	19.20 0.17 0.00	20.27 0.27 0.00	28.86 0.67 0.00	33.49 0.77 0.00	37.58 0.90 0.00	36.28 1.06 0.00	41.01 1.20 0.00	27.83 0.78 0.00	26.29 0.76 0.00	25.61 0.72 0.00
MG INDUSTRY___DRP 24185	21.16 0.14 0.00	21.26 0.16 0.00	20.65 0.15 0.00	19.92 0.16 0.00	22.81 0.16 0.00	24.69 0.16 0.00	23.77 0.14 0.00	20.18 0.12 0.00	17.09 0.06 0.00	18.54 0.04 0.00	15.12 0.05 0.00	15.18 0.06 0.00	17.66 0.08 0.00	18.90 0.07 0.00	19.13 0.10 0.00	20.16 0.16 0.00	28.64 0.46 0.00	33.32 0.59 0.00	37.49 0.82 0.00	36.22 1.01 0.00	40.94 1.13 0.00	27.79 0.74 0.00	26.24 0.72 0.00	25.57 0.69 0.00

MID___OSWEGATCHIE_HYD 23849	21.86 0.85 0.00	21.94 0.84 0.00	21.33 0.82 0.00	20.54 0.78 0.00	23.55 0.90 0.00	25.52 1.00 0.00	24.57 0.94 0.00	20.78 0.72 0.00	17.42 0.39 0.00	18.81 0.30 0.00	15.26 0.18 0.00	15.25 0.13 0.00	17.66 0.08 0.00	18.93 0.11 0.00	19.17 0.14 0.00	20.17 0.17 0.00	28.53 0.35 0.00	33.25 0.53 0.00	37.73 1.05 0.00	36.73 1.51 0.00	41.74 1.93 0.00	28.41 1.36 0.00	26.68 1.15 0.00	25.99 1.10 0.00
MID___RAQUETTE_HYD 23851	21.85 0.83 0.00	21.93 0.83 0.00	21.34 0.84 0.00	20.54 0.78 0.00	23.56 0.91 0.00	25.52 1.00 0.00	24.60 0.97 0.00	20.83 0.77 0.00	17.49 0.46 0.00	18.95 0.44 0.00	15.40 0.32 0.00	15.40 0.28 0.00	17.85 0.27 0.00	19.11 0.28 0.00	19.33 0.30 0.00	20.32 0.32 0.00	28.72 0.54 0.00	33.43 0.70 0.00	37.65 0.97 0.00	36.49 1.28 0.00	41.48 1.67 0.00	28.31 1.26 0.00	26.56 1.04 0.00	25.93 1.04 0.00
MILLIKEN___1 23584	21.07 0.06 0.00	21.18 0.08 0.00	20.57 0.06 0.00	19.82 0.06 0.00	22.73 0.09 0.00	24.68 0.16 0.00	23.77 0.14 0.00	20.11 0.05 0.00	16.99 -0.04 0.00	18.34 -0.16 0.00	14.89 -0.19 0.00	14.93 -0.19 0.00	17.37 -0.21 0.00	18.63 -0.19 0.00	18.82 -0.21 0.00	19.83 -0.17 0.00	27.90 -0.28 0.00	32.48 -0.24 0.00	36.68 0.01 0.00	35.67 0.45 0.00	40.30 0.49 0.00	27.35 0.30 0.00	25.74 0.21 0.00	25.08 0.19 0.00
MILLIKEN___2 23585	21.07 0.06 0.00	21.18 0.08 0.00	20.57 0.06 0.00	19.82 0.06 0.00	22.73 0.09 0.00	24.68 0.16 0.00	23.77 0.14 0.00	20.11 0.05 0.00	16.99 -0.04 0.00	18.34 -0.16 0.00	14.89 -0.19 0.00	14.93 -0.19 0.00	17.37 -0.21 0.00	18.63 -0.19 0.00	18.82 -0.21 0.00	19.83 -0.17 0.00	27.90 -0.28 0.00	32.48 -0.24 0.00	36.68 0.01 0.00	35.67 0.45 0.00	40.30 0.49 0.00	27.35 0.30 0.00	25.74 0.21 0.00	25.08 0.19 0.00
MILLIKEN___DIESEL 23629	21.07 0.06 0.00	21.18 0.08 0.00	20.57 0.06 0.00	19.82 0.06 0.00	22.73 0.09 0.00	24.68 0.16 0.00	23.77 0.14 0.00	20.11 0.05 0.00	16.99 -0.04 0.00	18.34 -0.16 0.00	14.89 -0.19 0.00	14.93 -0.19 0.00	17.37 -0.21 0.00	18.63 -0.19 0.00	18.82 -0.21 0.00	19.83 -0.17 0.00	27.90 -0.28 0.00	32.48 -0.24 0.00	36.68 0.01 0.00	35.67 0.45 0.00	40.30 0.49 0.00	27.35 0.30 0.00	25.74 0.21 0.00	25.08 0.19 0.00
MILLSEAT___LFGE 323607	20.92 -0.10 0.00	21.09 -0.01 0.00	20.52 0.01 0.00	19.87 0.11 0.00	22.87 0.22 0.00	24.82 0.30 0.00	23.81 0.18 0.00	19.84 -0.22 0.00	16.68 -0.36 0.00	18.10 -0.41 0.00	14.68 -0.39 0.00	14.69 -0.43 0.00	17.12 -0.46 0.00	18.35 -0.48 0.00	18.47 -0.56 0.00	19.46 -0.54 0.00	27.27 -0.92 0.00	31.49 -1.23 0.00	35.63 -1.05 0.00	34.81 -0.41 0.00	39.30 -0.51 0.00	26.84 -0.21 0.00	25.19 -0.33 0.00	24.80 -0.09 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	21.43 0.42 0.00	21.47 0.37 0.00	20.81 0.31 0.00	20.06 0.30 0.00	22.94 0.29 0.00	24.85 0.33 0.00	23.95 0.31 0.00	20.47 0.41 0.00	17.55 0.51 0.00	19.08 0.57 0.00	15.57 0.50 0.00	15.67 0.54 0.00	18.26 0.68 0.00	19.56 0.73 0.00	19.82 0.79 0.00	20.88 0.88 0.00	29.39 1.21 0.00	34.01 1.29 0.00	37.99 1.32 0.00	36.50 1.28 0.00	41.18 1.37 0.00	28.01 0.96 0.00	26.50 0.98 0.00	25.82 0.94 0.00
MILLWOOD_13_KV_LOAD 356217	21.46 0.45 0.00	21.49 0.39 0.00	20.84 0.34 0.00	20.08 0.32 0.00	22.96 0.31 0.00	24.88 0.36 0.00	23.98 0.34 0.00	20.50 0.44 0.00	17.56 0.53 0.00	19.10 0.59 0.00	15.59 0.51 0.00	15.68 0.56 0.00	18.27 0.69 0.00	19.57 0.75 0.00	19.84 0.81 0.00	20.90 0.90 0.00	29.43 1.25 0.00	34.07 1.35 0.00	38.06 1.39 0.00	36.56 1.34 0.00	41.24 1.43 0.00	28.05 1.00 0.00	26.54 1.02 0.00	25.86 0.97 0.00
MODEL_CITY_ENERGY 24167	20.43 -0.59 0.00	20.63 -0.47 0.00	20.08 -0.42 0.00	19.47 -0.29 0.00	22.42 -0.23 0.00	24.33 -0.19 0.00	23.32 -0.31 0.00	19.40 -0.66 0.00	16.37 -0.67 0.00	17.85 -0.66 0.00	14.52 -0.56 0.00	14.52 -0.60 0.00	16.88 -0.70 0.00	18.09 -0.74 0.00	18.19 -0.84 0.00	19.12 -0.89 0.00	26.72 -1.47 0.00	30.72 -2.01 0.00	34.62 -2.05 0.00	33.70 -1.52 0.00	37.98 -1.83 0.00	26.03 -1.02 0.00	24.46 -1.06 0.00	24.20 -0.69 0.00
MODERN_LFGE___ 323580	20.43 -0.59 0.00	20.63 -0.47 0.00	20.08 -0.42 0.00	19.47 -0.29 0.00	22.42 -0.23 0.00	24.33 -0.19 0.00	23.32 -0.31 0.00	19.40 -0.66 0.00	16.37 -0.67 0.00	17.85 -0.66 0.00	14.52 -0.56 0.00	14.52 -0.60 0.00	16.88 -0.70 0.00	18.09 -0.74 0.00	18.19 -0.84 0.00	19.12 -0.89 0.00	26.72 -1.47 0.00	30.72 -2.01 0.00	34.62 -2.05 0.00	33.70 -1.52 0.00	37.98 -1.83 0.00	26.03 -1.02 0.00	24.46 -1.06 0.00	24.20 -0.69 0.00
MOHAWK_PAPER___DRP 24187	21.21 0.19 0.00	21.32 0.22 0.00	20.70 0.19 0.00	19.94 0.18 0.00	22.84 0.20 0.00	24.70 0.18 0.00	23.79 0.16 0.00	20.25 0.19 0.00	17.22 0.19 0.00	18.69 0.19 0.00	15.24 0.16 0.00	15.30 0.18 0.00	17.80 0.22 0.00	19.05 0.23 0.00	19.28 0.25 0.00	20.35 0.35 0.00	28.92 0.73 0.00	33.60 0.87 0.00	37.73 1.05 0.00	36.43 1.21 0.00	41.18 1.36 0.00	27.94 0.89 0.00	26.37 0.85 0.00	25.70 0.81 0.00
MOHICAN___35_KV_115KV_LD 80490	22.06 1.05 0.00	22.16 1.06 0.00	21.51 1.00 0.00	20.72 0.96 0.00	23.77 1.13 0.00	25.72 1.20 0.00	24.79 1.16 0.00	21.04 0.99 0.00	17.81 0.77 0.00	19.19 0.69 0.00	15.53 0.45 0.00	15.56 0.44 0.00	18.12 0.54 0.00	19.37 0.55 0.00	19.62 0.59 0.00	20.74 0.73 0.00	29.35 1.17 0.00	34.57 1.85 0.00	39.07 2.40 0.00	38.01 2.79 0.00	42.93 3.12 0.00	28.98 1.93 0.00	27.32 1.80 0.00	26.56 1.67 0.00
MONGAUP___HYD 23641	21.49 0.47 0.00	21.52 0.41 0.00	20.86 0.36 0.00	20.10 0.34 0.00	23.00 0.35 0.00	24.92 0.40 0.00	24.02 0.39 0.00	20.47 0.40 0.00	17.37 0.34 0.00	18.78 0.27 0.00	15.29 0.21 0.00	15.29 0.17 0.00	17.91 0.33 0.00	19.19 0.36 0.00	19.43 0.40 0.00	20.46 0.46 0.00	28.91 0.72 0.00	33.62 0.89 0.00	37.82 1.15 0.00	36.57 1.35 0.00	41.32 1.51 0.00	28.08 1.03 0.00	26.51 0.98 0.00	25.81 0.93 0.00
MONTAUK___DIESEL 23721	21.95 0.94 0.00	21.93 0.83 0.00	21.33 0.83 0.00	20.44 0.68 0.00	23.18 0.53 0.00	25.16 0.64 0.00	24.28 0.65 0.00	20.87 0.81 0.00	18.59 1.56 0.00	20.24 1.74 0.00	15.56 1.54 1.06	17.11 1.61 -0.38	19.99 1.86 -0.55	21.40 1.89 -0.69	23.98 1.98 -2.97	31.58 2.20 -9.37	41.01 3.20 -9.62	49.62 3.67 -13.23	40.36 4.05 0.36	39.84 3.67 -0.96	45.83 3.96 -2.06	32.36 2.64 -2.66	30.98 2.46 -3.00	30.40 2.36 -3.15
MOONROAD_115KV_HARTFLD_TB1-2 355988	20.89 -0.13 0.00	21.11 0.01 0.00	20.56 0.06 0.00	19.92 0.16 0.00	22.96 0.32 0.00	24.98 0.46 0.00	24.00 0.37 0.00	20.02 -0.04 0.00	16.92 -0.11 0.00	18.42 -0.09 0.00	14.96 -0.12 0.00	14.95 -0.17 0.00	17.42 -0.16 0.00	18.66 -0.16 0.00	18.73 -0.30 0.00	19.69 -0.31 0.00	27.63 -0.55 0.00	31.80 -0.93 0.00	35.89 -0.78 0.00	35.06 -0.16 0.00	39.11 -0.70 0.00	26.49 -0.56 0.00	24.97 -0.55 0.00	24.59 -0.29 0.00

MORRIS_RIDGE___SOLAR 323848	20.57 -0.44 0.00	20.77 -0.33 0.00	20.22 -0.29 0.00	19.58 -0.18 0.00	22.55 -0.10 0.00	24.52 0.00 0.00	23.56 -0.07 0.00	19.62 -0.44 0.00	16.43 -0.61 0.00	17.77 -0.74 0.00	14.44 -0.64 0.00	14.44 -0.68 0.00	16.82 -0.75 0.00	18.03 -0.80 0.00	18.15 -0.88 0.00	19.09 -0.91 0.00	26.89 -1.30 0.00	31.08 -1.65 0.00	35.32 -1.35 0.00	34.65 -0.57 0.00	39.01 -0.80 0.00	26.54 -0.51 0.00	25.01 -0.52 0.00	24.52 -0.36 0.00
MORTIMER_115KV_TB3 55949	20.80 -0.21 0.00	20.95 -0.15 0.00	20.37 -0.14 0.00	19.68 -0.07 0.00	22.63 -0.02 0.00	24.53 0.01 0.00	23.56 -0.07 0.00	19.79 -0.27 0.00	16.71 -0.32 0.00	18.18 -0.32 0.00	14.80 -0.28 0.00	14.82 -0.30 0.00	17.24 -0.34 0.00	18.51 -0.32 0.00	18.64 -0.38 0.00	19.60 -0.40 0.00	27.57 -0.61 0.00	31.89 -0.84 0.00	35.98 -0.70 0.00	34.87 -0.35 0.00	39.37 -0.45 0.00	26.82 -0.23 0.00	25.21 -0.31 0.00	24.67 -0.21 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	21.54 0.53 0.00	21.56 0.46 0.00	20.92 0.41 0.00	20.16 0.41 0.00	23.05 0.40 0.00	24.98 0.46 0.00	24.08 0.45 0.00	20.61 0.55 0.00	17.69 0.66 0.00	19.25 0.74 0.00	15.72 0.64 0.00	15.82 0.70 0.00	18.43 0.85 0.00	19.75 0.92 0.00	20.01 0.97 0.00	21.07 1.07 0.00	29.65 1.47 0.00	34.28 1.56 0.00	38.24 1.57 0.00	36.68 1.47 0.00	41.39 1.58 0.00	28.17 1.12 0.00	26.66 1.13 0.00	25.98 1.09 0.00
MUNSVILLE_WIND_PWR 323609	21.89 0.88 0.00	21.98 0.88 0.00	21.38 0.88 0.00	20.64 0.88 0.00	23.65 1.01 0.00	25.77 1.25 0.00	24.84 1.20 0.00	20.87 0.81 0.00	17.59 0.55 0.00	18.97 0.47 0.00	15.38 0.30 0.00	15.38 0.26 0.00	17.89 0.31 0.00	19.20 0.38 0.00	19.46 0.44 0.00	20.63 0.63 0.00	29.20 1.01 0.00	33.97 1.25 0.00	38.67 2.00 0.00	37.56 2.34 0.00	42.19 2.38 0.00	28.31 1.26 0.00	26.53 1.01 0.00	25.92 1.03 0.00
N SALMON___HYD 24042	21.78 0.77 0.00	21.86 0.76 0.00	21.28 0.77 0.00	20.47 0.71 0.00	23.46 0.81 0.00	25.43 0.91 0.00	24.56 0.92 0.00	20.84 0.78 0.00	17.57 0.54 0.00	19.07 0.56 0.00	15.50 0.42 0.00	15.50 0.38 0.00	17.98 0.40 0.00	19.25 0.42 0.00	19.48 0.45 0.00	20.49 0.49 0.00	28.97 0.78 0.00	33.73 1.01 0.00	37.96 1.29 0.00	36.75 1.54 0.00	41.70 1.89 0.00	28.45 1.40 0.00	26.68 1.15 0.00	26.00 1.12 0.00
N.AKRON___115KV_KNAPP 355671	20.89 -0.12 0.00	21.07 -0.03 0.00	20.50 -0.01 0.00	19.85 0.09 0.00	22.85 0.20 0.00	24.80 0.27 0.00	23.78 0.15 0.00	19.84 -0.22 0.00	16.67 -0.36 0.00	18.11 -0.40 0.00	14.70 -0.38 0.00	14.70 -0.41 0.00	17.19 -0.39 0.00	18.37 -0.46 0.00	18.48 -0.55 0.00	19.53 -0.47 0.00	27.25 -0.93 0.00	31.44 -1.29 0.00	35.56 -1.11 0.00	34.71 -0.51 0.00	39.20 -0.61 0.00	26.78 -0.27 0.00	25.14 -0.39 0.00	24.77 -0.12 0.00
N.E_GEN_SANDY PD 24062	21.22 0.21 0.00	21.32 0.22 0.00	20.70 0.19 0.00	19.94 0.18 0.00	22.83 0.19 0.00	24.70 0.17 0.00	23.77 0.13 0.00	20.29 0.23 0.00	17.30 0.27 0.00	18.77 0.28 0.02	15.32 0.25 0.00	15.39 0.27 0.00	17.92 0.33 0.00	19.17 0.35 0.00	19.40 0.37 0.00	20.43 0.43 0.00	28.80 0.61 0.00	33.38 0.66 0.00	37.74 0.71 -0.35	37.21 0.89 -1.10	40.83 1.01 0.00	27.70 0.65 0.00	26.19 0.66 0.00	25.51 0.62 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	21.42 0.41 0.00	21.46 0.36 0.00	20.80 0.30 0.00	20.05 0.30 0.00	22.93 0.28 0.00	24.83 0.31 0.00	23.94 0.31 0.00	20.44 0.38 0.00	17.51 0.48 0.00	19.05 0.54 0.00	15.54 0.46 0.00	15.63 0.52 0.00	18.23 0.66 0.00	19.54 0.72 0.00	19.80 0.77 0.00	20.87 0.87 0.00	29.39 1.20 0.00	34.01 1.29 0.00	37.99 1.32 0.00	36.48 1.26 0.00	41.16 1.35 0.00	28.00 0.95 0.00	26.49 0.96 0.00	25.82 0.93 0.00
N.QUEENS_27_KV_LOAD 356247	21.53 0.52 0.00	21.52 0.42 0.00	20.86 0.36 0.00	20.10 0.34 0.00	22.95 0.30 0.00	24.95 0.43 0.00	24.06 0.43 0.00	20.63 0.58 0.00	17.67 0.64 0.00	19.24 0.73 0.00	15.72 0.64 0.00	15.82 0.70 0.00	18.42 0.85 0.00	19.69 0.87 0.00	19.98 0.95 0.00	21.18 1.04 -0.14	30.00 1.47 -0.35	35.50 1.68 -1.10	42.32 1.61 -4.05	37.88 1.43 -1.24	41.42 1.61 0.00	28.20 1.15 0.00	26.69 1.16 0.00	25.98 1.09 0.00
N.TROY___115KV_TB1 355778	21.36 0.34 0.00	21.46 0.36 0.00	20.83 0.33 0.00	20.08 0.32 0.00	23.01 0.36 0.00	24.89 0.36 0.00	23.97 0.33 0.00	20.39 0.33 0.00	17.33 0.30 0.00	18.80 0.29 0.00	15.30 0.22 0.00	15.35 0.23 0.00	17.87 0.29 0.00	19.11 0.28 0.00	19.34 0.31 0.00	20.39 0.39 0.00	28.81 0.63 0.00	33.53 0.81 0.00	37.67 1.00 0.00	36.44 1.23 0.00	41.19 1.38 0.00	27.93 0.88 0.00	26.39 0.86 0.00	25.69 0.80 0.00
NARROWS_GT1_1 24228	21.59 0.58 0.00	21.60 0.51 0.00	20.97 0.47 0.00	20.21 0.45 0.00	23.04 0.40 0.00	25.02 0.49 0.00	24.13 0.50 0.00	20.70 0.64 0.00	17.73 0.70 0.00	19.31 0.80 0.00	15.77 0.70 0.00	15.88 0.76 0.00	18.49 0.91 0.00	19.81 0.98 0.00	20.10 1.07 0.00	21.16 1.16 0.00	29.77 1.58 0.00	34.44 1.71 0.00	38.41 1.73 0.00	36.75 1.54 0.00	41.49 1.68 0.00	28.27 1.22 0.00	26.74 1.22 0.00	26.04 1.15 0.00
NARROWS_GT1_2 24229	21.59 0.58 0.00	21.60 0.51 0.00	20.97 0.47 0.00	20.21 0.45 0.00	23.04 0.40 0.00	25.02 0.49 0.00	24.13 0.50 0.00	20.70 0.64 0.00	17.73 0.70 0.00	19.31 0.80 0.00	15.77 0.70 0.00	15.88 0.76 0.00	18.49 0.91 0.00	19.81 0.98 0.00	20.10 1.07 0.00	21.16 1.16 0.00	29.77 1.58 0.00	34.44 1.71 0.00	38.41 1.73 0.00	36.75 1.54 0.00	41.49 1.68 0.00	28.27 1.22 0.00	26.74 1.22 0.00	26.04 1.15 0.00
NARROWS_GT1_3 24230	21.59 0.58 0.00	21.60 0.51 0.00	20.97 0.47 0.00	20.21 0.45 0.00	23.04 0.40 0.00	25.02 0.49 0.00	24.13 0.50 0.00	20.70 0.64 0.00	17.73 0.70 0.00	19.31 0.80 0.00	15.77 0.70 0.00	15.88 0.76 0.00	18.49 0.91 0.00	19.81 0.98 0.00	20.10 1.07 0.00	21.16 1.16 0.00	29.77 1.58 0.00	34.44 1.71 0.00	38.41 1.73 0.00	36.75 1.54 0.00	41.49 1.68 0.00	28.27 1.22 0.00	26.74 1.22 0.00	26.04 1.15 0.00
NARROWS_GT1_4 24231	21.59 0.58 0.00	21.60 0.51 0.00	20.97 0.47 0.00	20.21 0.45 0.00	23.04 0.40 0.00	25.02 0.49 0.00	24.13 0.50 0.00	20.70 0.64 0.00	17.73 0.70 0.00	19.31 0.80 0.00	15.77 0.70 0.00	15.88 0.76 0.00	18.49 0.91 0.00	19.81 0.98 0.00	20.10 1.07 0.00	21.16 1.16 0.00	29.77 1.58 0.00	34.44 1.71 0.00	38.41 1.73 0.00	36.75 1.54 0.00	41.49 1.68 0.00	28.27 1.22 0.00	26.74 1.22 0.00	26.04 1.15 0.00
NARROWS_GT1_5 24232	21.59 0.58 0.00	21.60 0.51 0.00	20.97 0.47 0.00	20.21 0.45 0.00	23.04 0.40 0.00	25.02 0.49 0.00	24.13 0.50 0.00	20.70 0.64 0.00	17.73 0.70 0.00	19.31 0.80 0.00	15.77 0.70 0.00	15.88 0.76 0.00	18.49 0.91 0.00	19.81 0.98 0.00	20.10 1.07 0.00	21.16 1.16 0.00	29.77 1.58 0.00	34.44 1.71 0.00	38.41 1.73 0.00	36.75 1.54 0.00	41.49 1.68 0.00	28.27 1.22 0.00	26.74 1.22 0.00	26.04 1.15 0.00

NARROWS_GT1_6 24233	21.59 0.58 0.00	21.60 0.51 0.00	20.97 0.47 0.00	20.21 0.45 0.00	23.04 0.40 0.00	25.02 0.49 0.00	24.13 0.50 0.00	20.70 0.64 0.00	17.73 0.70 0.00	19.31 0.80 0.00	15.77 0.70 0.00	15.88 0.76 0.00	18.49 0.91 0.00	19.81 0.98 0.00	20.10 1.07 0.00	21.16 1.16 0.00	29.77 1.58 0.00	34.44 1.71 0.00	38.41 1.73 0.00	36.75 1.54 0.00	41.49 1.68 0.00	28.27 1.22 0.00	26.74 1.22 0.00	26.04 1.15 0.00
NARROWS_GT1_7 24234	21.59 0.58 0.00	21.60 0.51 0.00	20.97 0.47 0.00	20.21 0.45 0.00	23.04 0.40 0.00	25.02 0.49 0.00	24.13 0.50 0.00	20.70 0.64 0.00	17.73 0.70 0.00	19.31 0.80 0.00	15.77 0.70 0.00	15.88 0.76 0.00	18.49 0.91 0.00	19.81 0.98 0.00	20.10 1.07 0.00	21.16 1.16 0.00	29.77 1.58 0.00	34.44 1.71 0.00	38.41 1.73 0.00	36.75 1.54 0.00	41.49 1.68 0.00	28.27 1.22 0.00	26.74 1.22 0.00	26.04 1.15 0.00
NARROWS_GT1_8 24235	21.59 0.58 0.00	21.60 0.51 0.00	20.97 0.47 0.00	20.21 0.45 0.00	23.04 0.40 0.00	25.02 0.49 0.00	24.13 0.50 0.00	20.70 0.64 0.00	17.73 0.70 0.00	19.31 0.80 0.00	15.77 0.70 0.00	15.88 0.76 0.00	18.49 0.91 0.00	19.81 0.98 0.00	20.10 1.07 0.00	21.16 1.16 0.00	29.77 1.58 0.00	34.44 1.71 0.00	38.41 1.73 0.00	36.75 1.54 0.00	41.49 1.68 0.00	28.27 1.22 0.00	26.74 1.22 0.00	26.04 1.15 0.00
NARROWS_GT2_1 24236	21.59 0.58 0.00	21.60 0.51 0.00	20.97 0.47 0.00	20.21 0.45 0.00	23.04 0.40 0.00	25.02 0.49 0.00	24.13 0.50 0.00	20.70 0.64 0.00	17.73 0.70 0.00	19.31 0.80 0.00	15.77 0.70 0.00	15.88 0.76 0.00	18.49 0.91 0.00	19.81 0.98 0.00	20.10 1.07 0.00	21.16 1.16 0.00	29.77 1.58 0.00	34.44 1.71 0.00	38.41 1.73 0.00	36.75 1.54 0.00	41.49 1.68 0.00	28.27 1.22 0.00	26.74 1.22 0.00	26.04 1.15 0.00
NARROWS_GT2_2 24237	21.59 0.58 0.00	21.60 0.51 0.00	20.97 0.47 0.00	20.21 0.45 0.00	23.04 0.40 0.00	25.02 0.49 0.00	24.13 0.50 0.00	20.70 0.64 0.00	17.73 0.70 0.00	19.31 0.80 0.00	15.77 0.70 0.00	15.88 0.76 0.00	18.49 0.91 0.00	19.81 0.98 0.00	20.10 1.07 0.00	21.16 1.16 0.00	29.77 1.58 0.00	34.44 1.71 0.00	38.41 1.73 0.00	36.75 1.54 0.00	41.49 1.68 0.00	28.27 1.22 0.00	26.74 1.22 0.00	26.04 1.15 0.00
NARROWS_GT2_3 24238	21.59 0.58 0.00	21.60 0.51 0.00	20.97 0.47 0.00	20.21 0.45 0.00	23.04 0.40 0.00	25.02 0.49 0.00	24.13 0.50 0.00	20.70 0.64 0.00	17.73 0.70 0.00	19.31 0.80 0.00	15.77 0.70 0.00	15.88 0.76 0.00	18.49 0.91 0.00	19.81 0.98 0.00	20.10 1.07 0.00	21.16 1.16 0.00	29.77 1.58 0.00	34.44 1.71 0.00	38.41 1.73 0.00	36.75 1.54 0.00	41.49 1.68 0.00	28.27 1.22 0.00	26.74 1.22 0.00	26.04 1.15 0.00
NARROWS_GT2_4 24239	21.59 0.58 0.00	21.60 0.51 0.00	20.97 0.47 0.00	20.21 0.45 0.00	23.04 0.40 0.00	25.02 0.49 0.00	24.13 0.50 0.00	20.70 0.64 0.00	17.73 0.70 0.00	19.31 0.80 0.00	15.77 0.70 0.00	15.88 0.76 0.00	18.49 0.91 0.00	19.81 0.98 0.00	20.10 1.07 0.00	21.16 1.16 0.00	29.77 1.58 0.00	34.44 1.71 0.00	38.41 1.73 0.00	36.75 1.54 0.00	41.49 1.68 0.00	28.27 1.22 0.00	26.74 1.22 0.00	26.04 1.15 0.00
NARROWS_GT2_5 24240	21.59 0.58 0.00	21.60 0.51 0.00	20.97 0.47 0.00	20.21 0.45 0.00	23.04 0.40 0.00	25.02 0.49 0.00	24.13 0.50 0.00	20.70 0.64 0.00	17.73 0.70 0.00	19.31 0.80 0.00	15.77 0.70 0.00	15.88 0.76 0.00	18.49 0.91 0.00	19.81 0.98 0.00	20.10 1.07 0.00	21.16 1.16 0.00	29.77 1.58 0.00	34.44 1.71 0.00	38.41 1.73 0.00	36.75 1.54 0.00	41.49 1.68 0.00	28.27 1.22 0.00	26.74 1.22 0.00	26.04 1.15 0.00
NARROWS_GT2_6 24241	21.59 0.58 0.00	21.60 0.51 0.00	20.97 0.47 0.00	20.21 0.45 0.00	23.04 0.40 0.00	25.02 0.49 0.00	24.13 0.50 0.00	20.70 0.64 0.00	17.73 0.70 0.00	19.31 0.80 0.00	15.77 0.70 0.00	15.88 0.76 0.00	18.49 0.91 0.00	19.81 0.98 0.00	20.10 1.07 0.00	21.16 1.16 0.00	29.77 1.58 0.00	34.44 1.71 0.00	38.41 1.73 0.00	36.75 1.54 0.00	41.49 1.68 0.00	28.27 1.22 0.00	26.74 1.22 0.00	26.04 1.15 0.00
NARROWS_GT2_7 24242	21.59 0.58 0.00	21.60 0.51 0.00	20.97 0.47 0.00	20.21 0.45 0.00	23.04 0.40 0.00	25.02 0.49 0.00	24.13 0.50 0.00	20.70 0.64 0.00	17.73 0.70 0.00	19.31 0.80 0.00	15.77 0.70 0.00	15.88 0.76 0.00	18.49 0.91 0.00	19.81 0.98 0.00	20.10 1.07 0.00	21.16 1.16 0.00	29.77 1.58 0.00	34.44 1.71 0.00	38.41 1.73 0.00	36.75 1.54 0.00	41.49 1.68 0.00	28.27 1.22 0.00	26.74 1.22 0.00	26.04 1.15 0.00
NARROWS_GT2_8 24243	21.59 0.58 0.00	21.60 0.51 0.00	20.97 0.47 0.00	20.21 0.45 0.00	23.04 0.40 0.00	25.02 0.49 0.00	24.13 0.50 0.00	20.70 0.64 0.00	17.73 0.70 0.00	19.31 0.80 0.00	15.77 0.70 0.00	15.88 0.76 0.00	18.49 0.91 0.00	19.81 0.98 0.00	20.10 1.07 0.00	21.16 1.16 0.00	29.77 1.58 0.00	34.44 1.71 0.00	38.41 1.73 0.00	36.75 1.54 0.00	41.49 1.68 0.00	28.27 1.22 0.00	26.74 1.22 0.00	26.04 1.15 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	21.39 0.37 0.00	21.47 0.37 0.00	20.84 0.33 0.00	20.08 0.32 0.00	23.00 0.36 0.00	24.89 0.37 0.00	23.99 0.35 0.00	20.40 0.34 0.00	17.25 0.22 0.00	18.66 0.16 0.00	15.20 0.12 0.00	15.26 0.14 0.00	17.74 0.16 0.00	19.00 0.18 0.00	19.26 0.23 0.00	20.30 0.30 0.00	29.02 0.84 0.00	33.79 1.06 0.00	38.18 1.51 0.00	37.08 1.86 0.00	41.93 2.12 0.00	28.40 1.35 0.00	26.77 1.24 0.00	26.02 1.14 0.00
NCHELSEA_115KV_TR2 355582	21.56 0.55 0.00	21.60 0.51 0.00	20.95 0.44 0.00	20.18 0.42 0.00	23.09 0.44 0.00	25.01 0.49 0.00	24.10 0.46 0.00	20.58 0.52 0.00	17.60 0.57 0.00	19.13 0.62 0.00	15.60 0.52 0.00	15.69 0.57 0.00	18.28 0.70 0.00	19.58 0.76 0.00	19.84 0.81 0.00	20.92 0.92 0.00	29.51 1.32 0.00	34.23 1.51 0.00	38.29 1.62 0.00	36.81 1.59 0.00	41.54 1.73 0.00	28.22 1.17 0.00	26.65 1.13 0.00	25.96 1.07 0.00
NEG CAPITAL____MECHNVIL 23645	21.74 0.73 0.00	21.83 0.73 0.00	21.19 0.68 0.00	20.42 0.65 0.00	23.40 0.75 0.00	25.33 0.81 0.00	24.40 0.76 0.00	20.73 0.67 0.00	17.57 0.53 0.00	19.02 0.51 0.00	15.45 0.37 0.00	15.50 0.38 0.00	18.04 0.46 0.00	19.31 0.48 0.00	19.56 0.53 0.00	20.65 0.65 0.00	29.19 1.01 0.00	34.12 1.40 0.00	38.44 1.77 0.00	37.20 1.98 0.00	42.03 2.22 0.00	28.45 1.40 0.00	26.84 1.32 0.00	26.11 1.22 0.00
NEG CENTRAL_HIGH_ACRES 23767	20.40 -0.61 0.00	20.54 -0.56 0.00	19.96 -0.55 0.00	19.29 -0.47 0.00	22.15 -0.49 0.00	24.01 -0.51 0.00	23.10 -0.54 0.00	19.42 -0.64 0.00	16.43 -0.61 0.00	17.84 -0.66 0.00	14.51 -0.56 0.00	14.54 -0.58 0.00	16.92 -0.66 0.00	18.16 -0.66 0.00	18.31 -0.71 0.00	19.22 -0.78 0.00	27.07 -1.11 0.00	31.38 -1.35 0.00	35.44 -1.23 0.00	34.31 -0.91 0.00	38.71 -1.10 0.00	26.34 -0.71 0.00	24.77 -0.75 0.00	24.22 -0.67 0.00

NEG CENTRAL___DRP 24199	20.84 -0.17 0.00	20.97 -0.13 0.00	20.37 -0.13 0.00	19.65 -0.10 0.00	22.57 -0.08 0.00	24.50 -0.02 0.00	23.58 -0.05 0.00	19.90 -0.16 0.00	16.80 -0.23 0.00	18.16 -0.35 0.00	14.75 -0.33 0.00	14.79 -0.33 0.00	17.21 -0.37 0.00	18.46 -0.36 0.00	18.63 -0.40 0.00	19.58 -0.42 0.00	27.58 -0.60 0.00	32.02 -0.71 0.00	36.14 -0.53 0.00	35.17 -0.05 0.00	39.66 -0.15 0.00	27.01 -0.04 0.00	25.41 -0.11 0.00	24.78 -0.11 0.00
NEG CENTRAL___INDECK 23768	21.35 0.33 0.00	21.49 0.39 0.00	20.89 0.39 0.00	20.22 0.46 0.00	23.26 0.61 0.00	25.26 0.74 0.00	24.29 0.65 0.00	20.30 0.24 0.00	16.95 -0.08 0.00	18.30 -0.21 0.00	14.86 -0.21 0.00	14.88 -0.24 0.00	17.33 -0.24 0.00	18.61 -0.21 0.00	18.74 -0.28 0.00	19.72 -0.28 0.00	27.81 -0.37 0.00	32.21 -0.51 0.00	36.57 -0.10 0.00	35.95 0.73 0.00	40.68 0.87 0.00	27.67 0.62 0.00	26.00 0.47 0.00	25.41 0.52 0.00
NEG CENTRAL___SENECA 23627	20.85 -0.16 0.00	21.00 -0.09 0.00	20.40 -0.10 0.00	19.71 -0.05 0.00	22.64 0.00 0.00	24.59 0.06 0.00	23.68 0.04 0.00	19.92 -0.13 0.00	16.80 -0.23 0.00	18.15 -0.35 0.00	14.73 -0.35 0.00	14.76 -0.36 0.00	17.19 -0.39 0.00	18.45 -0.37 0.00	18.61 -0.42 0.00	19.58 -0.43 0.00	27.59 -0.60 0.00	31.99 -0.74 0.00	36.18 -0.50 0.00	35.25 0.04 0.00	39.72 -0.10 0.00	27.08 0.03 0.00	25.46 -0.06 0.00	24.83 -0.06 0.00
NEG CENTRAL___STATE_STREET 24147	20.95 -0.06 0.00	21.08 -0.02 0.00	20.47 -0.03 0.00	19.68 -0.07 0.00	22.58 -0.07 0.00	24.54 0.01 0.00	23.59 -0.05 0.00	19.99 -0.07 0.00	16.92 -0.11 0.00	18.25 -0.26 0.00	14.82 -0.25 0.00	14.90 -0.22 0.00	17.32 -0.26 0.00	18.56 -0.26 0.00	18.72 -0.31 0.00	19.68 -0.32 0.00	27.70 -0.49 0.00	32.31 -0.41 0.00	36.32 -0.35 0.00	35.30 0.08 0.00	39.90 0.09 0.00	27.11 0.06 0.00	25.52 -0.01 0.00	24.88 0.00 0.00
NEG MILLWOOD___DRP 24198	21.60 0.59 0.00	21.64 0.54 0.00	20.98 0.47 0.00	20.21 0.45 0.00	23.12 0.47 0.00	25.04 0.51 0.00	24.13 0.50 0.00	20.63 0.57 0.00	17.67 0.63 0.00	19.21 0.71 0.00	15.67 0.60 0.00	15.76 0.64 0.00	18.37 0.79 0.00	19.67 0.85 0.00	19.94 0.91 0.00	21.02 1.02 0.00	29.64 1.46 0.00	34.36 1.63 0.00	38.41 1.74 0.00	36.91 1.70 0.00	41.65 1.84 0.00	28.30 1.25 0.00	26.72 1.20 0.00	26.02 1.13 0.00
NEG NORTH_FLCN_SEA 23793	21.64 0.62 0.00	21.73 0.63 0.00	21.16 0.65 0.00	20.36 0.61 0.00	23.31 0.67 0.00	25.28 0.76 0.00	24.41 0.77 0.00	20.71 0.65 0.00	17.54 0.51 0.00	19.04 0.53 0.00	15.49 0.41 0.00	15.50 0.38 0.00	18.00 0.42 0.00	19.27 0.45 0.00	19.49 0.46 0.00	20.54 0.54 0.00	29.04 0.85 0.00	33.85 1.12 0.00	37.99 1.32 0.00	36.70 1.49 0.00	41.55 1.74 0.00	28.29 1.24 0.00	26.56 1.04 0.00	25.90 1.01 0.00
NEG NORTH_KES_CHATEGAY 23792	21.49 0.48 0.00	21.58 0.48 0.00	21.02 0.52 0.00	20.22 0.46 0.00	23.15 0.50 0.00	25.10 0.57 0.00	24.24 0.60 0.00	20.57 0.50 0.00	17.37 0.34 0.00	18.89 0.38 0.00	15.37 0.29 0.00	15.38 0.26 0.00	17.84 0.27 0.00	19.11 0.29 0.00	19.33 0.30 0.00	20.34 0.34 0.00	28.74 0.56 0.00	33.43 0.70 0.00	37.48 0.81 0.00	36.24 1.02 0.00	41.11 1.30 0.00	28.07 1.02 0.00	26.34 0.81 0.00	25.69 0.80 0.00
NEG NORTH___ALICE_FALLS 23915	21.69 0.68 0.00	21.77 0.67 0.00	21.20 0.69 0.00	20.40 0.64 0.00	23.35 0.71 0.00	25.33 0.80 0.00	24.45 0.81 0.00	20.74 0.68 0.00	17.54 0.50 0.00	19.03 0.53 0.00	15.48 0.40 0.00	15.49 0.37 0.00	17.98 0.40 0.00	19.26 0.43 0.00	19.47 0.45 0.00	20.52 0.52 0.00	29.01 0.82 0.00	33.82 1.09 0.00	38.01 1.33 0.00	36.80 1.58 0.00	41.68 1.87 0.00	28.39 1.34 0.00	26.63 1.11 0.00	25.96 1.08 0.00
NEG NORTH___LWR_SARANAC 23913	21.69 0.68 0.00	21.77 0.67 0.00	21.20 0.69 0.00	20.40 0.64 0.00	23.35 0.71 0.00	25.33 0.80 0.00	24.45 0.81 0.00	20.74 0.68 0.00	17.54 0.50 0.00	19.03 0.53 0.00	15.48 0.40 0.00	15.49 0.37 0.00	17.98 0.40 0.00	19.26 0.43 0.00	19.47 0.45 0.00	20.52 0.52 0.00	29.01 0.82 0.00	33.82 1.09 0.00	38.01 1.33 0.00	36.80 1.58 0.00	41.68 1.87 0.00	28.39 1.34 0.00	26.63 1.11 0.00	25.96 1.08 0.00
NEG NORTH___PLATTSBURG 23628	21.69 0.68 0.00	21.77 0.67 0.00	21.20 0.69 0.00	20.40 0.63 0.00	23.36 0.71 0.00	25.33 0.80 0.00	24.45 0.81 0.00	20.74 0.68 0.00	17.54 0.50 0.00	19.03 0.53 0.00	15.48 0.40 0.00	15.49 0.37 0.00	17.98 0.40 0.00	19.26 0.43 0.00	19.47 0.44 0.00	20.52 0.52 0.00	29.01 0.82 0.00	33.81 1.09 0.00	38.01 1.33 0.00	36.80 1.58 0.00	41.68 1.87 0.00	28.39 1.34 0.00	26.63 1.11 0.00	25.96 1.08 0.00
NEG WEST_LEA_LOCKPORT 23791	20.57 -0.44 0.00	20.78 -0.32 0.00	20.22 -0.28 0.00	19.60 -0.16 0.00	22.58 -0.07 0.00	24.50 -0.02 0.00	23.47 -0.16 0.00	19.55 -0.50 0.00	16.47 -0.56 0.00	17.96 -0.55 0.00	14.60 -0.48 0.00	14.61 -0.51 0.00	16.99 -0.59 0.00	18.20 -0.62 0.00	18.30 -0.72 0.00	19.25 -0.75 0.00	26.94 -1.24 0.00	30.98 -1.74 0.00	34.94 -1.73 0.00	34.02 -1.20 0.00	38.36 -1.45 0.00	26.26 -0.79 0.00	24.69 -0.84 0.00	24.37 -0.51 0.00
NEG WEST___LANCASTR 23811	20.44 -0.57 0.00	20.66 -0.44 0.00	20.10 -0.40 0.00	19.46 -0.30 0.00	22.43 -0.22 0.00	24.37 -0.16 0.00	23.38 -0.25 0.00	19.52 -0.54 0.00	16.51 -0.52 0.00	17.99 -0.51 0.00	14.63 -0.45 0.00	14.62 -0.50 0.00	17.01 -0.57 0.00	18.22 -0.61 0.00	18.33 -0.69 0.00	19.27 -0.73 0.00	27.08 -1.10 0.00	31.20 -1.52 0.00	35.12 -1.55 0.00	34.18 -1.04 0.00	38.51 -1.30 0.00	26.28 -0.77 0.00	24.72 -0.80 0.00	24.27 -0.61 0.00
NEG_PENN_ALLEGHNY 23528	20.86 -0.15 0.00	20.98 -0.12 0.00	20.38 -0.12 0.00	19.68 -0.08 0.00	22.59 -0.06 0.00	24.52 -0.01 0.00	23.62 -0.01 0.00	19.94 -0.12 0.00	16.93 -0.10 0.00	18.38 -0.13 0.00	14.96 -0.11 0.00	14.99 -0.13 0.00	17.45 -0.13 0.00	18.70 -0.12 0.00	18.89 -0.14 0.00	19.86 -0.14 0.00	27.99 -0.20 0.00	32.45 -0.28 0.00	36.51 -0.16 0.00	35.35 0.13 0.00	39.86 0.05 0.00	27.07 0.02 0.00	25.51 -0.02 0.00	24.86 -0.03 0.00
NEG___GEN_MONROE 24207	20.94 -0.07 0.00	21.08 -0.02 0.00	20.50 -0.01 0.00	19.85 0.09 0.00	22.83 0.18 0.00	24.75 0.22 0.00	23.79 0.15 0.00	19.93 -0.13 0.00	16.77 -0.26 0.00	18.21 -0.30 0.00	14.80 -0.28 0.00	14.82 -0.30 0.00	17.25 -0.33 0.00	18.51 -0.31 0.00	18.66 -0.37 0.00	19.63 -0.37 0.00	27.63 -0.55 0.00	31.94 -0.79 0.00	36.08 -0.60 0.00	35.08 -0.14 0.00	39.62 -0.19 0.00	26.98 -0.06 0.00	25.36 -0.17 0.00	24.84 -0.05 0.00
NEPA___ENERGY 23901	20.46 -0.55 0.00	20.70 -0.40 0.00	20.13 -0.38 0.00	19.50 -0.26 0.00	22.47 -0.18 0.00	24.47 -0.05 0.00	23.53 -0.11 0.00	19.62 -0.44 0.00	16.62 -0.42 0.00	18.08 -0.42 0.00	14.69 -0.39 0.00	14.68 -0.44 0.00	17.11 -0.47 0.00	18.33 -0.49 0.00	18.43 -0.60 0.00	19.40 -0.60 0.00	27.27 -0.91 0.00	31.43 -1.29 0.00	35.32 -1.35 0.00	34.48 -0.74 0.00	38.70 -1.11 0.00	26.36 -0.69 0.00	24.84 -0.69 0.00	24.35 -0.54 0.00

NEVERSINK___HYD 23608	21.23 0.21 0.00	21.25 0.15 0.00	20.60 0.09 0.00	19.84 0.08 0.00	22.69 0.05 0.00	24.58 0.06 0.00	23.70 0.07 0.00	20.22 0.16 0.00	17.26 0.22 0.00	18.72 0.22 0.00	15.24 0.16 0.00	15.30 0.19 0.00	17.82 0.24 0.00	19.01 0.18 0.00	18.78 -0.25 0.00	19.82 -0.18 0.00	27.93 -0.26 0.00	32.46 -0.26 0.00	36.43 -0.24 0.00	35.04 -0.18 0.00	39.68 -0.13 0.00	27.68 0.63 0.00	26.13 0.61 0.00	25.44 0.55 0.00
NEWKRMKL_115KV_TB1 55635	21.01 0.00 0.00	21.11 0.01 0.00	20.50 -0.01 0.00	19.76 0.00 0.00	22.62 -0.02 0.00	24.47 -0.06 0.00	23.57 -0.07 0.00	20.06 0.00 0.00	17.08 0.04 0.00	18.54 0.03 0.00	15.13 0.05 0.00	15.19 0.07 0.00	17.67 0.09 0.00	18.91 0.09 0.00	19.14 0.11 0.00	20.22 0.22 0.00	28.93 0.74 0.00	33.59 0.87 0.00	37.69 1.01 0.00	36.37 1.15 0.00	41.11 1.30 0.00	27.90 0.84 0.00	26.33 0.81 0.00	25.66 0.78 0.00
NEWTON___FALLS_HYD 23847	21.86 0.85 0.00	21.94 0.84 0.00	21.33 0.82 0.00	20.54 0.78 0.00	23.55 0.90 0.00	25.52 1.00 0.00	24.57 0.94 0.00	20.78 0.72 0.00	17.42 0.39 0.00	18.81 0.30 0.00	15.26 0.18 0.00	15.25 0.13 0.00	17.66 0.08 0.00	18.93 0.11 0.00	19.17 0.14 0.00	20.17 0.17 0.00	28.53 0.35 0.00	33.25 0.53 0.00	37.73 1.05 0.00	36.73 1.51 0.00	41.74 1.93 0.00	28.41 1.36 0.00	26.68 1.15 0.00	25.99 1.10 0.00
NGRID_A1_DSASP 323792	20.42 -0.59 0.00	20.64 -0.46 0.00	20.09 -0.42 0.00	19.47 -0.29 0.00	22.44 -0.21 0.00	24.33 -0.20 0.00	23.30 -0.33 0.00	19.39 -0.67 0.00	16.38 -0.66 0.00	17.89 -0.62 0.00	14.56 -0.51 0.00	14.57 -0.55 0.00	16.93 -0.65 0.00	18.14 -0.68 0.00	18.24 -0.78 0.00	19.15 -0.85 0.00	26.88 -1.30 0.00	30.90 -1.82 0.00	34.77 -1.91 0.00	33.79 -1.42 0.00	38.07 -1.74 0.00	26.09 -0.96 0.00	24.55 -0.97 0.00	24.20 -0.69 0.00
NGRID_A2_DSASP 323793	20.42 -0.59 0.00	20.64 -0.46 0.00	20.09 -0.42 0.00	19.47 -0.29 0.00	22.44 -0.21 0.00	24.33 -0.20 0.00	23.30 -0.33 0.00	19.39 -0.67 0.00	16.38 -0.66 0.00	17.89 -0.62 0.00	14.56 -0.51 0.00	14.57 -0.55 0.00	16.93 -0.65 0.00	18.14 -0.68 0.00	18.24 -0.78 0.00	19.15 -0.85 0.00	26.88 -1.30 0.00	30.90 -1.82 0.00	34.77 -1.91 0.00	33.79 -1.42 0.00	38.07 -1.74 0.00	26.09 -0.96 0.00	24.55 -0.97 0.00	24.20 -0.69 0.00
NGRID_A4_DSASP 323807	20.42 -0.59 0.00	20.64 -0.46 0.00	20.09 -0.42 0.00	19.47 -0.29 0.00	22.44 -0.21 0.00	24.33 -0.20 0.00	23.30 -0.33 0.00	19.39 -0.67 0.00	16.38 -0.66 0.00	17.89 -0.62 0.00	14.56 -0.51 0.00	14.57 -0.55 0.00	16.93 -0.65 0.00	18.14 -0.68 0.00	18.24 -0.78 0.00	19.15 -0.85 0.00	26.88 -1.30 0.00	30.90 -1.82 0.00	34.77 -1.91 0.00	33.79 -1.42 0.00	38.07 -1.74 0.00	26.09 -0.96 0.00	24.55 -0.97 0.00	24.20 -0.69 0.00
NIAGARA_115E_LBMP 323715	20.34 -0.67 0.00	20.55 -0.55 0.00	20.01 -0.50 0.00	19.40 -0.36 0.00	22.34 -0.30 0.00	24.25 -0.27 0.00	23.24 -0.40 0.00	19.33 -0.73 0.00	16.31 -0.72 0.00	17.79 -0.71 0.00	14.48 -0.60 0.00	14.48 -0.64 0.00	16.83 -0.75 0.00	18.03 -0.80 0.00	18.13 -0.90 0.00	19.05 -0.95 0.00	26.60 -1.58 0.00	30.57 -2.16 0.00	34.44 -2.24 0.00	33.51 -1.71 0.00	37.77 -2.05 0.00	25.89 -1.16 0.00	24.34 -1.19 0.00	24.10 -0.79 0.00
NIAGARA_115W_LBMP 323714	20.40 -0.62 0.00	20.61 -0.49 0.00	20.06 -0.44 0.00	19.45 -0.31 0.00	22.41 -0.24 0.00	24.29 -0.24 0.00	23.27 -0.36 0.00	19.37 -0.69 0.00	16.36 -0.68 0.00	17.87 -0.63 0.00	14.54 -0.54 0.00	14.54 -0.57 0.00	16.91 -0.67 0.00	18.12 -0.71 0.00	18.21 -0.81 0.00	19.12 -0.88 0.00	26.85 -1.34 0.00	30.86 -1.86 0.00	34.72 -1.95 0.00	33.75 -1.47 0.00	38.01 -1.80 0.00	26.04 -1.01 0.00	24.51 -1.02 0.00	24.16 -0.73 0.00
NIAGARA_230_LBMP 323716	20.42 -0.59 0.00	20.64 -0.46 0.00	20.09 -0.42 0.00	19.47 -0.29 0.00	22.43 -0.22 0.00	24.32 -0.20 0.00	23.31 -0.33 0.00	19.41 -0.65 0.00	16.39 -0.64 0.00	17.90 -0.60 0.00	14.56 -0.51 0.00	14.56 -0.56 0.00	16.93 -0.65 0.00	18.14 -0.68 0.00	18.24 -0.79 0.00	19.15 -0.85 0.00	26.87 -1.32 0.00	30.90 -1.83 0.00	34.76 -1.91 0.00	33.79 -1.43 0.00	38.09 -1.73 0.00	26.09 -0.96 0.00	24.55 -0.98 0.00	24.19 -0.70 0.00
NIAGARA___115KV_198_GIBSON 55903	20.40 -0.62 0.00	20.61 -0.49 0.00	20.06 -0.44 0.00	19.45 -0.31 0.00	22.41 -0.24 0.00	24.29 -0.24 0.00	23.27 -0.36 0.00	19.39 -0.67 0.00	16.36 -0.68 0.00	17.87 -0.63 0.00	14.54 -0.54 0.00	14.54 -0.57 0.00	16.90 -0.68 0.00	18.12 -0.71 0.00	18.21 -0.81 0.00	19.12 -0.88 0.00	26.85 -1.33 0.00	30.85 -1.87 0.00	34.71 -1.96 0.00	33.73 -1.49 0.00	38.01 -1.80 0.00	26.04 -1.01 0.00	24.51 -1.02 0.00	24.16 -0.73 0.00
NIAGARA____ 23760	20.42 -0.59 0.00	20.64 -0.46 0.00	20.09 -0.42 0.00	19.47 -0.29 0.00	22.43 -0.22 0.00	24.32 -0.20 0.00	23.31 -0.33 0.00	19.41 -0.65 0.00	16.39 -0.64 0.00	17.90 -0.60 0.00	14.56 -0.51 0.00	14.56 -0.56 0.00	16.93 -0.65 0.00	18.14 -0.68 0.00	18.24 -0.79 0.00	19.15 -0.85 0.00	26.87 -1.32 0.00	30.90 -1.83 0.00	34.76 -1.91 0.00	33.79 -1.43 0.00	38.09 -1.73 0.00	26.09 -0.96 0.00	24.55 -0.98 0.00	24.19 -0.70 0.00
NINE_MILE_1 23575	20.35 -0.66 0.00	20.45 -0.65 0.00	19.87 -0.64 0.00	19.16 -0.60 0.00	21.96 -0.69 0.00	23.78 -0.74 0.00	22.91 -0.73 0.00	19.42 -0.64 0.00	16.50 -0.54 0.00	17.91 -0.59 0.00	14.59 -0.49 0.00	14.63 -0.49 0.00	17.01 -0.57 0.00	18.22 -0.61 0.00	18.38 -0.64 0.00	19.28 -0.72 0.00	27.09 -1.10 0.00	31.43 -1.30 0.00	35.32 -1.35 0.00	34.07 -1.15 0.00	38.54 -1.28 0.00	26.19 -0.86 0.00	24.69 -0.83 0.00	24.09 -0.80 0.00
NINE_MILE_2 23744	20.35 -0.66 0.00	20.45 -0.65 0.00	19.87 -0.63 0.00	19.16 -0.60 0.00	21.96 -0.69 0.00	23.79 -0.74 0.00	22.91 -0.73 0.00	19.42 -0.64 0.00	16.50 -0.53 0.00	17.91 -0.59 0.00	14.59 -0.49 0.00	14.63 -0.49 0.00	17.02 -0.56 0.00	18.22 -0.61 0.00	18.38 -0.64 0.00	19.28 -0.72 0.00	27.09 -1.10 0.00	31.43 -1.30 0.00	35.32 -1.35 0.00	34.07 -1.14 0.00	38.54 -1.28 0.00	26.19 -0.86 0.00	24.69 -0.83 0.00	24.09 -0.79 0.00
NM_CAPITAL___DRP 24208	21.04 0.02 0.00	21.15 0.04 0.00	20.53 0.03 0.00	19.79 0.03 0.00	22.66 0.02 0.00	24.50 -0.02 0.00	23.61 -0.03 0.00	20.10 0.04 0.00	17.11 0.07 0.00	18.58 0.08 0.00	15.16 0.08 0.00	15.22 0.10 0.00	17.70 0.13 0.00	18.95 0.12 0.00	19.17 0.14 0.00	20.24 0.24 0.00	28.85 0.66 0.00	33.48 0.76 0.00	37.56 0.89 0.00	36.25 1.03 0.00	40.99 1.18 0.00	27.82 0.77 0.00	26.28 0.75 0.00	25.60 0.72 0.00
NM_CENTRAL___DRP 24181	20.67 -0.34 0.00	20.78 -0.32 0.00	20.17 -0.33 0.00	19.46 -0.30 0.00	22.31 -0.34 0.00	24.18 -0.35 0.00	23.29 -0.35 0.00	19.72 -0.34 0.00	16.73 -0.30 0.00	18.16 -0.35 0.00	14.79 -0.29 0.00	14.83 -0.29 0.00	17.26 -0.32 0.00	18.50 -0.32 0.00	18.67 -0.35 0.00	19.59 -0.41 0.00	27.54 -0.64 0.00	31.97 -0.76 0.00	35.99 -0.68 0.00	34.75 -0.47 0.00	39.28 -0.53 0.00	26.68 -0.36 0.00	25.18 -0.35 0.00	24.54 -0.35 0.00

NM_FRONTIER___DRP 24179	20.40 -0.62 0.00	20.61 -0.49 0.00	20.06 -0.44 0.00	19.45 -0.31 0.00	22.41 -0.24 0.00	24.29 -0.24 0.00	23.27 -0.36 0.00	19.39 -0.67 0.00	16.36 -0.68 0.00	17.87 -0.63 0.00	14.54 -0.54 0.00	14.54 -0.57 0.00	16.90 -0.68 0.00	18.12 -0.71 0.00	18.21 -0.81 0.00	19.12 -0.88 0.00	26.85 -1.33 0.00	30.85 -1.87 0.00	34.71 -1.96 0.00	33.73 -1.49 0.00	38.01 -1.80 0.00	26.04 -1.01 0.00	24.51 -1.02 0.00	24.16 -0.73 0.00
NM_ST_REGIS___HYD 24053	21.85 0.83 0.00	21.93 0.83 0.00	21.35 0.84 0.00	20.54 0.78 0.00	23.56 0.91 0.00	25.52 1.00 0.00	24.62 0.98 0.00	20.85 0.79 0.00	17.52 0.48 0.00	18.99 0.49 0.00	15.43 0.36 0.00	15.43 0.32 0.00	17.89 0.31 0.00	19.15 0.33 0.00	19.37 0.34 0.00	20.37 0.37 0.00	28.80 0.62 0.00	33.53 0.81 0.00	37.77 1.10 0.00	36.60 1.38 0.00	41.57 1.76 0.00	28.38 1.33 0.00	26.62 1.10 0.00	25.96 1.08 0.00
NORTHPORT___1 23551	21.48 0.47 0.00	21.43 0.32 0.00	20.77 0.27 0.00	19.98 0.22 0.00	22.78 0.13 0.00	24.67 0.14 0.00	23.78 0.14 0.00	20.41 0.35 0.00	17.79 0.76 0.00	19.29 0.79 0.00	14.67 0.80 1.20	16.22 0.87 -0.23	19.04 1.00 -0.47	20.37 1.02 -0.53	22.66 1.06 -2.57	30.02 1.16 -8.87	38.85 1.50 -9.17	46.90 1.44 -12.73	37.48 1.50 0.69	36.97 1.30 -0.45	42.95 1.39 -1.75	30.36 1.07 -2.25	29.26 1.21 -2.52	28.83 1.30 -2.65
NORTHPORT___2 23552	21.48 0.47 0.00	21.43 0.32 0.00	20.77 0.27 0.00	19.98 0.22 0.00	22.78 0.13 0.00	24.67 0.14 0.00	23.78 0.14 0.00	20.41 0.35 0.00	17.79 0.76 0.00	19.29 0.79 0.00	14.67 0.80 1.20	16.22 0.87 -0.23	19.04 1.00 -0.47	20.37 1.02 -0.53	22.66 1.06 -2.57	30.02 1.16 -8.87	38.85 1.50 -9.17	46.90 1.44 -12.73	37.48 1.50 0.69	36.97 1.30 -0.45	42.95 1.39 -1.75	30.36 1.07 -2.25	29.26 1.21 -2.52	28.83 1.30 -2.65
NORTHPORT___3 23553	21.49 0.47 0.00	21.44 0.33 0.00	20.77 0.27 0.00	19.99 0.23 0.00	22.79 0.14 0.00	24.69 0.16 0.00	23.79 0.16 0.00	20.41 0.35 0.00	17.75 0.72 0.00	19.26 0.76 0.00	14.63 0.78 1.23	16.19 0.86 -0.21	19.05 1.01 -0.46	20.38 1.03 -0.52	22.66 1.07 -2.56	30.08 1.18 -8.90	38.95 1.57 -9.19	47.03 1.58 -12.73	37.20 1.63 1.09	36.97 1.45 -0.30	43.08 1.53 -1.74	30.42 1.13 -2.24	29.25 1.22 -2.51	28.80 1.29 -2.63
NORTHPORT___4 23650	21.49 0.47 0.00	21.44 0.33 0.00	20.77 0.27 0.00	19.99 0.23 0.00	22.79 0.14 0.00	24.69 0.16 0.00	23.79 0.16 0.00	20.41 0.35 0.00	17.75 0.72 0.00	19.26 0.76 0.00	14.63 0.78 1.23	16.19 0.86 -0.21	19.05 1.01 -0.46	20.38 1.03 -0.52	22.66 1.07 -2.56	30.08 1.18 -8.90	38.95 1.57 -9.19	47.03 1.58 -12.73	37.20 1.63 1.09	36.97 1.45 -0.30	43.08 1.53 -1.74	30.42 1.13 -2.24	29.25 1.22 -2.51	28.80 1.29 -2.63
NORTHPORT___IC 23718	21.49 0.47 0.00	21.42 0.32 0.00	20.77 0.27 0.00	19.98 0.22 0.00	22.78 0.13 0.00	24.67 0.14 0.00	23.78 0.14 0.00	20.40 0.34 0.00	17.79 0.76 0.00	19.29 0.79 0.00	14.67 0.80 1.20	16.22 0.87 -0.23	19.04 1.00 -0.47	20.37 1.02 -0.53	22.65 1.05 -2.57	30.02 1.16 -8.87	38.83 1.47 -9.17	46.86 1.41 -12.73	37.49 1.51 0.69	36.98 1.31 -0.45	42.95 1.39 -1.75	30.36 1.07 -2.25	29.26 1.21 -2.52	28.83 1.30 -2.65
NORTH___COUNTRY_ESR 323785	21.44 0.43 0.00	21.53 0.43 0.00	20.97 0.47 0.00	20.17 0.41 0.00	23.09 0.44 0.00	25.04 0.51 0.00	24.18 0.54 0.00	20.52 0.46 0.00	17.37 0.34 0.00	18.89 0.38 0.00	15.37 0.29 0.00	15.38 0.26 0.00	17.84 0.26 0.00	19.11 0.29 0.00	19.32 0.29 0.00	20.34 0.34 0.00	28.74 0.55 0.00	33.42 0.70 0.00	37.47 0.80 0.00	36.15 0.93 0.00	40.98 1.17 0.00	27.97 0.92 0.00	26.26 0.73 0.00	25.63 0.74 0.00
NPX_GEN_1385_PROXY 323591	21.41 0.39 0.00	21.35 0.25 0.00	20.77 0.26 0.00	19.98 0.22 0.00	22.77 0.13 0.00	24.67 0.14 0.00	23.78 0.14 0.00	20.40 0.34 0.00	17.79 0.75 0.00	19.25 0.74 0.00	14.51 0.63 1.20	16.05 0.70 -0.23	18.85 0.80 -0.47	20.13 0.78 -0.53	22.40 0.81 -2.57	14.72 0.80 6.08	15.54 1.00 13.64	46.43 0.97 -12.73	37.09 1.11 0.69	36.63 0.96 -0.45	42.70 1.14 -1.75	30.24 0.94 -2.25	29.01 0.96 -2.52	28.73 1.20 -2.65
NPX_GEN_CSC 323557	21.34 0.32 0.00	21.25 0.15 0.00	20.59 0.09 0.00	19.79 0.03 0.00	22.51 -0.14 0.00	24.37 -0.15 0.00	23.50 -0.13 0.00	20.24 0.17 0.00	18.08 1.05 0.00	19.51 1.00 0.00	14.86 0.84 1.06	16.36 0.86 -0.38	19.13 0.99 -0.55	20.45 0.93 -0.68	22.99 1.00 -2.96	30.50 1.14 -9.36	39.40 1.61 -9.61	47.68 1.75 -13.21	38.16 1.87 0.38	37.79 1.63 -0.94	43.58 1.71 -2.06	30.89 1.19 -2.65	29.71 1.21 -2.98	29.23 1.20 -3.14
NSINS_S_GLNS_FALLS 23858	22.05 1.03 0.00	22.15 1.05 0.00	21.50 0.99 0.00	20.71 0.95 0.00	23.76 1.11 0.00	25.71 1.19 0.00	24.78 1.14 0.00	21.03 0.97 0.00	17.80 0.76 0.00	19.20 0.69 0.00	15.52 0.44 0.00	15.56 0.44 0.00	18.11 0.53 0.00	19.37 0.54 0.00	19.62 0.59 0.00	20.74 0.74 0.00	29.36 1.17 0.00	34.57 1.85 0.00	39.07 2.40 0.00	37.99 2.77 0.00	42.90 3.09 0.00	28.96 1.91 0.00	27.30 1.78 0.00	26.54 1.65 0.00
NUCOR_STEEL___DRP 24197	20.94 -0.07 0.00	21.06 -0.04 0.00	20.46 -0.04 0.00	19.67 -0.09 0.00	22.55 -0.10 0.00	24.51 -0.01 0.00	23.55 -0.08 0.00	19.98 -0.08 0.00	16.92 -0.12 0.00	18.24 -0.26 0.00	14.82 -0.26 0.00	14.91 -0.21 0.00	17.32 -0.26 0.00	18.56 -0.26 0.00	18.72 -0.31 0.00	19.68 -0.32 0.00	27.68 -0.51 0.00	32.32 -0.41 0.00	36.29 -0.38 0.00	35.26 0.05 0.00	39.88 0.07 0.00	27.09 0.04 0.00	25.50 -0.03 0.00	24.86 -0.02 0.00
NUMBER_THREE_WT_PWR 323818	21.85 0.84 0.00	21.92 0.82 0.00	21.29 0.78 0.00	20.51 0.75 0.00	23.52 0.87 0.00	25.49 0.96 0.00	24.51 0.88 0.00	20.70 0.64 0.00	17.36 0.33 0.00	18.69 0.19 0.00	15.16 0.08 0.00	15.16 0.04 0.00	17.54 -0.04 0.00	18.82 0.00 0.00	19.09 0.06 0.00	20.09 0.09 0.00	28.45 0.26 0.00	33.18 0.45 0.00	37.80 1.13 0.00	36.89 1.67 0.00	41.90 2.09 0.00	28.45 1.40 0.00	26.73 1.20 0.00	26.01 1.13 0.00
NYISO_LBMP_REFERENCE 24008	21.01 0.00 0.00	21.10 0.00 0.00	20.51 0.00 0.00	19.76 0.00 0.00	22.65 0.00 0.00	24.52 0.00 0.00	23.64 0.00 0.00	20.06 0.00 0.00	17.03 0.00 0.00	18.51 0.00 0.00	15.08 0.00 0.00	15.12 0.00 0.00	17.58 0.00 0.00	18.82 0.00 0.00	19.03 0.00 0.00	20.00 0.00 0.00	28.18 0.00 0.00	32.72 0.00 0.00	36.67 0.00 0.00	35.22 0.00 0.00	39.81 0.00 0.00	27.05 0.00 0.00	25.52 0.00 0.00	24.89 0.00 0.00
NYPA_BRENTWD____GT 24164	21.71 0.70 0.00	21.63 0.53 0.00	20.97 0.46 0.00	20.16 0.40 0.00	22.98 0.33 0.00	24.89 0.36 0.00	23.98 0.34 0.00	20.59 0.53 0.00	17.98 0.95 0.00	19.48 0.97 0.00	15.13 0.94 0.88	16.69 1.01 -0.56	19.42 1.19 -0.66	20.93 1.23 -0.88	23.76 1.29 -3.45	31.41 1.43 -9.99	40.32 1.94 -10.20	48.71 2.02 -13.96	39.43 2.17 -0.59	38.89 1.94 -1.73	44.34 2.10 -2.44	31.71 1.50 -3.16	30.64 1.57 -3.55	30.23 1.60 -3.75

NYPA_GOWANUS____GT5 24156	21.59 0.58 0.00	21.60 0.51 0.00	20.97 0.47 0.00	20.21 0.45 0.00	23.04 0.40 0.00	25.02 0.49 0.00	24.13 0.50 0.00	20.70 0.64 0.00	17.73 0.70 0.00	19.31 0.80 0.00	15.77 0.70 0.00	15.88 0.76 0.00	18.49 0.91 0.00	19.81 0.98 0.00	20.10 1.07 0.00	21.16 1.16 0.00	29.77 1.58 0.00	34.44 1.71 0.00	38.41 1.73 0.00	36.75 1.54 0.00	41.49 1.68 0.00	28.27 1.22 0.00	26.74 1.22 0.00	26.04 1.15 0.00
NYPA_GOWANUS____GT6 24157	21.59 0.58 0.00	21.60 0.51 0.00	20.97 0.47 0.00	20.21 0.45 0.00	23.04 0.40 0.00	25.02 0.49 0.00	24.13 0.50 0.00	20.70 0.64 0.00	17.73 0.70 0.00	19.31 0.80 0.00	15.77 0.70 0.00	15.88 0.76 0.00	18.49 0.91 0.00	19.81 0.98 0.00	20.10 1.07 0.00	21.16 1.16 0.00	29.77 1.58 0.00	34.44 1.71 0.00	38.41 1.73 0.00	36.75 1.54 0.00	41.49 1.68 0.00	28.27 1.22 0.00	26.74 1.22 0.00	26.04 1.15 0.00
NYPA_HARLEM__RVR__GT1 24160	21.51 0.50 0.00	21.51 0.41 0.00	20.86 0.36 0.00	20.10 0.34 0.00	22.95 0.30 0.00	24.95 0.42 0.00	24.06 0.43 0.01	20.64 0.58 0.01	17.66 0.63 0.00	19.23 0.72 0.00	15.71 0.63 0.00	15.80 0.69 0.00	18.41 0.83 0.00	19.67 0.85 0.00	19.98 0.95 0.00	21.02 1.02 0.00	29.54 1.36 0.00	34.21 1.48 0.00	38.17 1.50 0.00	36.56 1.34 0.00	41.37 1.56 0.00	28.15 1.10 0.00	26.65 1.13 0.00	25.94 1.05 0.00
NYPA_HARLEM__RVR__GT2 24161	21.51 0.50 0.00	21.51 0.41 0.00	20.86 0.36 0.00	20.10 0.34 0.00	22.95 0.30 0.00	24.95 0.42 0.00	24.06 0.43 0.01	20.64 0.58 0.01	17.66 0.63 0.00	19.23 0.72 0.00	15.71 0.63 0.00	15.80 0.69 0.00	18.41 0.83 0.00	19.67 0.85 0.00	19.98 0.95 0.00	21.02 1.02 0.00	29.54 1.36 0.00	34.21 1.48 0.00	38.17 1.50 0.00	36.56 1.34 0.00	41.37 1.56 0.00	28.15 1.10 0.00	26.65 1.13 0.00	25.94 1.05 0.00
NYPA_KENT____GT 24152	21.57 0.56 0.00	21.59 0.49 0.00	20.95 0.45 0.00	20.19 0.43 0.00	23.02 0.38 0.00	24.99 0.46 0.00	24.11 0.48 0.00	20.68 0.62 0.00	17.73 0.70 0.00	19.31 0.80 0.00	15.77 0.70 0.00	15.88 0.76 0.00	18.49 0.91 0.00	19.80 0.97 0.00	20.08 1.05 0.00	21.14 1.14 0.00	29.73 1.54 0.00	34.39 1.66 0.00	38.35 1.68 0.00	36.71 1.50 0.00	41.44 1.63 0.00	28.23 1.18 0.00	26.72 1.20 0.00	26.01 1.13 0.00
NYPA_POUCH1____GT 24155	21.58 0.57 0.00	21.61 0.52 0.00	21.00 0.49 0.00	20.23 0.48 0.00	23.07 0.42 0.00	25.05 0.52 0.00	24.16 0.53 0.00	20.71 0.66 0.00	17.74 0.70 0.00	19.31 0.80 0.00	15.77 0.69 0.00	15.88 0.76 0.00	18.49 0.91 0.00	19.81 0.98 0.00	20.10 1.08 0.00	21.17 1.16 0.00	29.79 1.60 0.00	34.46 1.74 0.00	38.45 1.78 0.00	36.78 1.56 0.00	41.50 1.69 0.00	28.28 1.23 0.00	26.74 1.22 0.00	26.05 1.16 0.00
NYPA_VERNON____GT2 24162	21.57 0.55 0.00	21.57 0.48 0.00	20.94 0.43 0.00	20.17 0.41 0.00	23.01 0.36 0.00	24.96 0.44 0.00	24.09 0.45 0.00	20.68 0.62 0.00	17.72 0.69 0.00	19.30 0.79 0.00	15.77 0.70 0.00	15.87 0.75 0.00	18.49 0.91 0.00	19.79 0.96 0.00	20.07 1.05 0.00	21.12 1.12 0.00	29.69 1.50 0.00	34.34 1.62 0.00	38.29 1.62 0.00	36.68 1.46 0.00	41.39 1.58 0.00	28.20 1.15 0.00	26.70 1.17 0.00	25.98 1.10 0.00
NYPA_VERNON____GT3 24163	21.57 0.55 0.00	21.57 0.48 0.00	20.94 0.43 0.00	20.17 0.41 0.00	23.01 0.36 0.00	24.96 0.44 0.00	24.09 0.45 0.00	20.68 0.62 0.00	17.72 0.69 0.00	19.30 0.79 0.00	15.77 0.70 0.00	15.87 0.75 0.00	18.49 0.91 0.00	19.79 0.96 0.00	20.07 1.05 0.00	21.12 1.12 0.00	29.69 1.50 0.00	34.34 1.62 0.00	38.29 1.62 0.00	36.68 1.46 0.00	41.39 1.58 0.00	28.20 1.15 0.00	26.70 1.17 0.00	25.98 1.10 0.00
NYPA__ASTORIA_CC1 323568	21.55 0.54 0.00	21.56 0.46 0.00	20.92 0.42 0.00	20.16 0.40 0.00	22.99 0.34 0.00	24.94 0.42 0.00	24.06 0.43 0.00	20.67 0.61 0.00	17.72 0.68 0.00	19.29 0.78 0.00	15.77 0.69 0.00	15.86 0.75 0.00	18.47 0.90 0.00	19.78 0.95 0.00	20.07 1.04 0.00	21.11 1.11 0.00	29.65 1.47 0.00	34.31 1.58 0.00	38.26 1.59 0.00	36.64 1.42 0.00	41.35 1.54 0.00	28.17 1.12 0.00	26.67 1.14 0.00	25.95 1.07 0.00
NYPA__ASTORIA_CC2 323569	21.55 0.54 0.00	21.56 0.46 0.00	20.92 0.42 0.00	20.16 0.40 0.00	22.99 0.34 0.00	24.94 0.42 0.00	24.06 0.43 0.00	20.67 0.61 0.00	17.72 0.68 0.00	19.29 0.78 0.00	15.77 0.69 0.00	15.86 0.75 0.00	18.47 0.90 0.00	19.78 0.95 0.00	20.07 1.04 0.00	21.11 1.11 0.00	29.65 1.47 0.00	34.31 1.58 0.00	38.26 1.59 0.00	36.64 1.42 0.00	41.35 1.54 0.00	28.17 1.12 0.00	26.67 1.14 0.00	25.95 1.07 0.00
NYPA__HOLTSVILL 23794	21.53 0.52 0.00	21.46 0.36 0.00	20.80 0.30 0.00	19.99 0.23 0.00	22.77 0.12 0.00	24.66 0.13 0.00	23.77 0.13 0.00	20.43 0.37 0.00	17.93 0.90 0.00	19.42 0.91 0.00	14.86 0.86 1.07	16.41 0.92 -0.37	19.20 1.08 -0.55	20.58 1.09 -0.67	23.10 1.14 -2.93	30.59 1.27 -9.32	39.50 1.74 -9.57	47.72 1.83 -13.16	38.19 1.95 0.44	37.84 1.73 -0.89	43.68 1.84 -2.03	30.98 1.32 -2.62	29.83 1.36 -2.95	29.37 1.39 -3.10
NYPA__HELLGATE_GT1 24158	21.51 0.50 0.00	21.51 0.41 0.00	20.86 0.36 0.00	20.10 0.34 0.00	22.95 0.30 0.00	24.95 0.43 0.00	24.07 0.43 0.00	20.65 0.58 0.00	17.67 0.63 0.00	19.23 0.73 0.00	15.71 0.63 0.00	15.81 0.69 0.00	18.41 0.83 0.00	19.68 0.86 0.00	19.98 0.95 0.00	21.02 1.02 0.00	29.55 1.36 0.00	34.21 1.49 0.00	38.18 1.51 0.00	36.57 1.36 0.00	41.36 1.55 0.00	28.15 1.11 0.00	26.65 1.13 0.00	25.94 1.06 0.00
NYPA__HELLGATE_GT2 24159	21.51 0.50 0.00	21.51 0.41 0.00	20.86 0.36 0.00	20.10 0.34 0.00	22.95 0.30 0.00	24.95 0.43 0.00	24.07 0.43 0.00	20.65 0.58 0.00	17.67 0.63 0.00	19.23 0.73 0.00	15.71 0.63 0.00	15.81 0.69 0.00	18.41 0.83 0.00	19.68 0.86 0.00	19.98 0.95 0.00	21.02 1.02 0.00	29.55 1.36 0.00	34.21 1.49 0.00	38.18 1.51 0.00	36.57 1.36 0.00	41.36 1.55 0.00	28.15 1.11 0.00	26.65 1.13 0.00	25.94 1.06 0.00
NYS_BARGE____HYD 23848	20.58 -0.44 0.00	20.79 -0.32 0.00	20.22 -0.28 0.00	19.60 -0.15 0.00	22.58 -0.07 0.00	24.50 -0.02 0.00	23.48 -0.15 0.00	19.54 -0.52 0.00	16.48 -0.56 0.00	17.96 -0.55 0.00	14.60 -0.48 0.00	14.60 -0.52 0.00	16.99 -0.59 0.00	18.20 -0.62 0.00	18.30 -0.72 0.00	19.25 -0.75 0.00	26.92 -1.26 0.00	30.98 -1.74 0.00	34.94 -1.73 0.00	34.03 -1.19 0.00	38.37 -1.44 0.00	26.27 -0.78 0.00	24.69 -0.84 0.00	24.38 -0.51 0.00
OAK ORCHARD____HYD 24046	20.80 -0.21 0.00	20.95 -0.15 0.00	20.37 -0.14 0.00	19.68 -0.08 0.00	22.63 -0.02 0.00	24.53 0.01 0.00	23.56 -0.07 0.00	19.78 -0.28 0.00	16.71 -0.32 0.00	18.19 -0.32 0.00	14.79 -0.28 0.00	14.82 -0.30 0.00	17.25 -0.34 0.00	18.51 -0.32 0.00	18.64 -0.38 0.00	19.60 -0.40 0.00	27.57 -0.61 0.00	31.90 -0.83 0.00	35.97 -0.70 0.00	34.88 -0.34 0.00	39.36 -0.45 0.00	26.82 -0.23 0.00	25.21 -0.31 0.00	24.68 -0.21 0.00

OAKDALE___35_KV_LOAD 356122	20.78 -0.24 0.00	20.91 -0.19 0.00	20.31 -0.20 0.00	19.61 -0.15 0.00	22.50 -0.15 0.00	24.43 -0.09 0.00	23.53 -0.10 0.00	19.87 -0.19 0.00	16.88 -0.15 0.00	18.32 -0.18 0.00	14.92 -0.15 0.00	14.95 -0.17 0.00	17.40 -0.18 0.00	18.65 -0.18 0.00	18.83 -0.20 0.00	19.79 -0.21 0.00	27.89 -0.30 0.00	32.33 -0.40 0.00	36.34 -0.33 0.00	35.19 -0.03 0.00	39.69 -0.12 0.00	26.96 -0.09 0.00	25.40 -0.12 0.00	24.76 -0.12 0.00
OCC_CHEM___DRP 24175	20.43 -0.59 0.00	20.64 -0.46 0.00	20.09 -0.42 0.00	19.47 -0.29 0.00	22.44 -0.21 0.00	24.33 -0.20 0.00	23.30 -0.33 0.00	19.42 -0.64 0.00	16.38 -0.66 0.00	17.89 -0.62 0.00	14.56 -0.51 0.00	14.57 -0.55 0.00	16.92 -0.65 0.00	18.14 -0.68 0.00	18.24 -0.78 0.00	19.15 -0.85 0.00	26.89 -1.30 0.00	30.90 -1.82 0.00	34.77 -1.91 0.00	33.78 -1.44 0.00	38.08 -1.73 0.00	26.09 -0.96 0.00	24.55 -0.97 0.00	24.19 -0.69 0.00
OH_GEN_PROXY 24063	20.41 -0.60 0.00	20.63 -0.47 0.00	20.08 -0.42 0.00	19.46 -0.30 0.00	22.42 -0.23 0.00	24.31 -0.21 0.00	23.30 -0.33 0.00	19.42 -0.64 0.00	16.41 -0.63 0.00	17.91 -0.59 0.00	14.57 -0.50 0.00	14.57 -0.54 0.00	16.95 -0.63 0.00	18.15 -0.67 0.00	18.26 -0.77 0.00	19.17 -0.83 0.00	26.92 -1.27 0.00	30.96 -1.77 0.00	34.82 -1.85 0.00	33.85 -1.37 0.00	38.15 -1.67 0.00	26.11 -0.94 0.00	24.56 -0.97 0.00	24.19 -0.70 0.00
OLIN_CORP_DRP 24177	20.37 -0.64 0.00	20.58 -0.52 0.00	20.04 -0.47 0.00	19.43 -0.33 0.00	22.37 -0.28 0.00	24.28 -0.25 0.00	23.26 -0.37 0.00	19.38 -0.68 0.00	16.33 -0.70 0.00	17.82 -0.69 0.00	14.50 -0.58 0.00	14.50 -0.62 0.00	16.85 -0.73 0.00	18.06 -0.77 0.00	18.16 -0.86 0.00	19.08 -0.92 0.00	26.67 -1.52 0.00	30.63 -2.09 0.00	34.52 -2.16 0.00	33.57 -1.65 0.00	37.86 -1.95 0.00	25.95 -1.10 0.00	24.39 -1.14 0.00	24.13 -0.75 0.00
OLIN_CORP_DSASP 323712	20.42 -0.59 0.00	20.64 -0.46 0.00	20.09 -0.42 0.00	19.47 -0.29 0.00	22.44 -0.21 0.00	24.33 -0.20 0.00	23.30 -0.33 0.00	19.39 -0.67 0.00	16.38 -0.66 0.00	17.89 -0.62 0.00	14.56 -0.51 0.00	14.57 -0.55 0.00	16.93 -0.65 0.00	18.14 -0.68 0.00	18.24 -0.78 0.00	19.15 -0.85 0.00	26.88 -1.30 0.00	30.90 -1.82 0.00	34.77 -1.91 0.00	33.79 -1.42 0.00	38.07 -1.74 0.00	26.09 -0.96 0.00	24.55 -0.97 0.00	24.20 -0.69 0.00
ONEIDA_HERK_LFGE 323681	21.56 0.54 0.00	21.62 0.52 0.00	21.00 0.49 0.00	20.24 0.48 0.00	23.20 0.55 0.00	25.14 0.62 0.00	24.22 0.58 0.00	20.50 0.44 0.00	17.27 0.24 0.00	18.66 0.16 0.00	15.17 0.09 0.00	15.19 0.07 0.00	17.65 0.07 0.00	18.92 0.09 0.00	19.16 0.13 0.00	20.17 0.17 0.00	28.50 0.31 0.00	33.26 0.54 0.00	37.63 0.95 0.00	36.47 1.25 0.00	41.29 1.48 0.00	28.03 0.98 0.00	26.37 0.85 0.00	25.67 0.78 0.00
ONEIDA___115KV_TB4 55905	21.35 0.33 0.00	21.43 0.32 0.00	20.81 0.31 0.00	20.06 0.30 0.00	22.99 0.34 0.00	24.92 0.40 0.00	24.02 0.39 0.00	20.33 0.27 0.00	17.13 0.10 0.00	18.54 0.04 0.00	15.08 0.00 0.00	15.12 0.00 0.00	17.60 0.02 0.00	18.87 0.05 0.00	19.10 0.07 0.00	20.10 0.10 0.00	28.35 0.17 0.00	33.05 0.32 0.00	37.32 0.65 0.00	36.17 0.95 0.00	40.90 1.09 0.00	27.76 0.71 0.00	26.13 0.61 0.00	25.44 0.55 0.00
ONONDAGA_REF_OCCRA 23987	20.79 -0.22 0.00	20.89 -0.22 0.00	20.28 -0.22 0.00	19.57 -0.19 0.00	22.44 -0.21 0.00	24.31 -0.21 0.00	23.42 -0.21 0.00	19.83 -0.23 0.00	16.81 -0.22 0.00	18.23 -0.28 0.00	14.84 -0.23 0.00	14.89 -0.23 0.00	17.33 -0.24 0.00	18.58 -0.24 0.00	18.76 -0.27 0.00	19.69 -0.31 0.00	27.71 -0.48 0.00	32.18 -0.54 0.00	36.23 -0.44 0.00	35.01 -0.21 0.00	39.57 -0.24 0.00	26.87 -0.18 0.00	25.33 -0.19 0.00	24.69 -0.19 0.00
ONONDAGA___COGEN 23986	20.78 -0.23 0.00	20.88 -0.22 0.00	20.28 -0.22 0.00	19.56 -0.20 0.00	22.42 -0.22 0.00	24.30 -0.22 0.00	23.40 -0.23 0.00	19.82 -0.24 0.00	16.80 -0.23 0.00	18.22 -0.29 0.00	14.83 -0.25 0.00	14.88 -0.24 0.00	17.32 -0.26 0.00	18.56 -0.27 0.00	18.74 -0.29 0.00	19.67 -0.33 0.00	27.67 -0.51 0.00	32.15 -0.57 0.00	36.19 -0.48 0.00	34.97 -0.25 0.00	39.53 -0.28 0.00	26.85 -0.20 0.00	25.30 -0.22 0.00	24.67 -0.22 0.00
ONTARIO___LFGE 23819	20.86 -0.15 0.00	21.01 -0.09 0.00	20.40 -0.10 0.00	19.71 -0.05 0.00	22.65 0.00 0.00	24.59 0.06 0.00	23.68 0.04 0.00	19.92 -0.14 0.00	16.80 -0.23 0.00	18.15 -0.36 0.00	14.73 -0.35 0.00	14.76 -0.36 0.00	17.19 -0.39 0.00	18.45 -0.37 0.00	18.61 -0.42 0.00	19.58 -0.42 0.00	27.59 -0.60 0.00	31.99 -0.74 0.00	36.18 -0.49 0.00	35.26 0.04 0.00	39.72 -0.10 0.00	27.08 0.03 0.00	25.46 -0.06 0.00	24.83 -0.06 0.00
ORANGEVILLE_WT_PWR 323706	20.57 -0.44 0.00	20.77 -0.33 0.00	20.22 -0.29 0.00	19.58 -0.18 0.00	22.56 -0.08 0.00	24.52 -0.01 0.00	23.54 -0.09 0.00	19.60 -0.46 0.00	16.47 -0.56 0.00	17.88 -0.63 0.00	14.53 -0.55 0.00	14.53 -0.59 0.00	16.92 -0.65 0.00	18.14 -0.69 0.00	18.25 -0.78 0.00	19.19 -0.81 0.00	26.99 -1.20 0.00	31.14 -1.58 0.00	35.26 -1.41 0.00	34.46 -0.76 0.00	38.77 -1.04 0.00	26.42 -0.63 0.00	24.89 -0.64 0.00	24.45 -0.44 0.00
ORANGEVILLE___ESR 323794	20.57 -0.44 0.00	20.77 -0.33 0.00	20.22 -0.29 0.00	19.58 -0.18 0.00	22.56 -0.08 0.00	24.52 -0.01 0.00	23.54 -0.09 0.00	19.60 -0.46 0.00	16.47 -0.56 0.00	17.88 -0.63 0.00	14.53 -0.55 0.00	14.53 -0.59 0.00	16.92 -0.65 0.00	18.14 -0.69 0.00	18.25 -0.78 0.00	19.19 -0.81 0.00	26.99 -1.20 0.00	31.14 -1.58 0.00	35.26 -1.41 0.00	34.46 -0.76 0.00	38.77 -1.04 0.00	26.42 -0.63 0.00	24.89 -0.64 0.00	24.45 -0.44 0.00
OSWEGATCHIE___HYD 24044	21.86 0.85 0.00	21.94 0.84 0.00	21.33 0.82 0.00	20.54 0.78 0.00	23.55 0.90 0.00	25.52 1.00 0.00	24.57 0.94 0.00	20.77 0.71 0.00	17.42 0.39 0.00	18.81 0.30 0.00	15.26 0.18 0.00	15.25 0.13 0.00	17.67 0.09 0.00	18.93 0.11 0.00	19.17 0.14 0.00	20.17 0.17 0.00	28.53 0.35 0.00	33.25 0.53 0.00	37.73 1.05 0.00	36.73 1.51 0.00	41.74 1.93 0.00	28.41 1.36 0.00	26.68 1.15 0.00	25.99 1.10 0.00
OSWEGO___5 23606	20.48 -0.52 0.00	20.59 -0.51 0.00	20.00 -0.50 0.00	19.29 -0.47 0.00	22.12 -0.53 0.00	23.96 -0.57 0.00	23.07 -0.57 0.00	19.55 -0.51 0.00	16.60 -0.43 0.00	18.02 -0.48 0.00	14.67 -0.40 0.00	14.71 -0.41 0.00	17.12 -0.46 0.00	18.33 -0.50 0.00	18.50 -0.52 0.00	19.42 -0.59 0.00	27.29 -0.90 0.00	31.66 -1.06 0.00	35.60 -1.08 0.00	34.35 -0.87 0.00	38.85 -0.96 0.00	26.40 -0.65 0.00	24.89 -0.63 0.00	24.28 -0.61 0.00
OSWEGO___6 23613	20.48 -0.52 0.00	20.59 -0.51 0.00	20.00 -0.50 0.00	19.29 -0.47 0.00	22.12 -0.53 0.00	23.96 -0.57 0.00	23.07 -0.57 0.00	19.55 -0.51 0.00	16.60 -0.43 0.00	18.02 -0.48 0.00	14.67 -0.40 0.00	14.71 -0.41 0.00	17.12 -0.46 0.00	18.33 -0.50 0.00	18.50 -0.52 0.00	19.42 -0.59 0.00	27.29 -0.90 0.00	31.66 -1.06 0.00	35.60 -1.08 0.00	34.35 -0.87 0.00	38.85 -0.96 0.00	26.40 -0.65 0.00	24.89 -0.63 0.00	24.28 -0.61 0.00

OUTOKUMPU-AB___DRP 24206	20.72 -0.30 0.00	20.93 -0.17 0.00	20.36 -0.15 0.00	19.72 -0.03 0.00	22.72 0.07 0.00	24.66 0.13 0.00	23.63 0.00 0.00	19.69 -0.37 0.00	16.61 -0.43 0.00	18.12 -0.39 0.00	14.74 -0.34 0.00	14.75 -0.37 0.00	17.15 -0.43 0.00	18.39 -0.44 0.00	18.49 -0.54 0.00	19.44 -0.56 0.00	27.28 -0.90 0.00	31.40 -1.32 0.00	35.38 -1.30 0.00	34.42 -0.80 0.00	38.79 -1.02 0.00	26.52 -0.53 0.00	24.93 -0.59 0.00	24.57 -0.32 0.00
OXBOW___BTM 323836	20.56 -0.45 0.00	20.77 -0.33 0.00	20.21 -0.30 0.00	19.58 -0.17 0.00	22.56 -0.09 0.00	24.48 -0.05 0.00	23.45 -0.19 0.00	19.51 -0.54 0.00	16.48 -0.55 0.00	17.99 -0.52 0.00	14.63 -0.44 0.00	14.65 -0.47 0.00	17.04 -0.54 0.00	18.25 -0.57 0.00	18.36 -0.67 0.00	19.29 -0.71 0.00	27.07 -1.11 0.00	31.16 -1.57 0.00	35.07 -1.60 0.00	34.11 -1.11 0.00	38.42 -1.39 0.00	26.30 -0.75 0.00	24.74 -0.79 0.00	24.37 -0.52 0.00
OXBOW___ 24026	20.56 -0.45 0.00	20.77 -0.33 0.00	20.21 -0.30 0.00	19.58 -0.17 0.00	22.56 -0.09 0.00	24.48 -0.05 0.00	23.45 -0.19 0.00	19.54 -0.52 0.00	16.48 -0.55 0.00	17.99 -0.52 0.00	14.64 -0.44 0.00	14.65 -0.47 0.00	17.03 -0.55 0.00	18.26 -0.57 0.00	18.36 -0.67 0.00	19.29 -0.71 0.00	27.08 -1.10 0.00	31.15 -1.58 0.00	35.07 -1.60 0.00	34.09 -1.12 0.00	38.42 -1.39 0.00	26.30 -0.75 0.00	24.74 -0.79 0.00	24.37 -0.51 0.00
OXY_CHEM_DSASP 323612	20.43 -0.59 0.00	20.64 -0.46 0.00	20.09 -0.42 0.00	19.47 -0.29 0.00	22.44 -0.21 0.00	24.33 -0.20 0.00	23.30 -0.33 0.00	19.42 -0.64 0.00	16.38 -0.66 0.00	17.89 -0.62 0.00	14.56 -0.51 0.00	14.57 -0.55 0.00	16.92 -0.65 0.00	18.14 -0.68 0.00	18.24 -0.78 0.00	19.15 -0.85 0.00	26.89 -1.30 0.00	30.90 -1.82 0.00	34.77 -1.91 0.00	33.78 -1.44 0.00	38.08 -1.73 0.00	26.09 -0.96 0.00	24.55 -0.97 0.00	24.19 -0.69 0.00
OZONE_PARK_ESR 323760	21.72 0.70 0.00	21.74 0.64 0.00	21.09 0.58 0.00	20.32 0.56 0.00	23.22 0.57 0.00	25.17 0.65 0.00	24.27 0.64 0.00	20.78 0.72 0.00	17.84 0.81 0.00	19.42 0.91 0.00	15.86 0.79 0.00	15.96 0.84 0.00	18.60 1.02 0.00	19.92 1.10 0.00	20.20 1.17 0.00	21.27 1.28 0.00	29.94 1.75 0.00	34.61 1.89 0.00	38.60 1.93 0.00	37.02 1.81 0.00	41.78 1.97 0.00	28.44 1.39 0.00	26.90 1.38 0.00	26.21 1.32 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	20.43 -0.59 0.00	20.64 -0.46 0.00	20.09 -0.42 0.00	19.47 -0.29 0.00	22.44 -0.21 0.00	24.33 -0.20 0.00	23.30 -0.33 0.00	19.42 -0.64 0.00	16.38 -0.66 0.00	17.89 -0.62 0.00	14.56 -0.51 0.00	14.57 -0.55 0.00	16.92 -0.65 0.00	18.14 -0.68 0.00	18.24 -0.78 0.00	19.15 -0.85 0.00	26.89 -1.30 0.00	30.90 -1.82 0.00	34.77 -1.91 0.00	33.78 -1.44 0.00	38.08 -1.73 0.00	26.09 -0.96 0.00	24.55 -0.97 0.00	24.19 -0.69 0.00
PACKARD___115KV_DUPONT_184 80571	20.43 -0.59 0.00	20.64 -0.46 0.00	20.09 -0.42 0.00	19.47 -0.29 0.00	22.44 -0.21 0.00	24.33 -0.20 0.00	23.30 -0.33 0.00	19.42 -0.64 0.00	16.38 -0.66 0.00	17.89 -0.62 0.00	14.56 -0.51 0.00	14.57 -0.55 0.00	16.92 -0.65 0.00	18.14 -0.68 0.00	18.24 -0.78 0.00	19.15 -0.85 0.00	26.89 -1.30 0.00	30.90 -1.82 0.00	34.77 -1.91 0.00	33.78 -1.44 0.00	38.08 -1.73 0.00	26.09 -0.96 0.00	24.55 -0.97 0.00	24.19 -0.69 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	21.53 0.52 0.00	21.55 0.45 0.00	20.92 0.41 0.00	20.16 0.40 0.00	23.01 0.36 0.00	25.02 0.49 0.00	24.13 0.50 0.00	20.69 0.63 0.00	17.71 0.67 0.00	19.27 0.76 0.00	15.74 0.66 0.00	15.83 0.71 0.00	18.44 0.86 0.00	19.73 0.90 0.00	20.01 0.98 0.00	21.06 1.06 0.00	29.67 1.48 0.00	34.41 1.69 0.00	38.32 1.65 0.00	36.68 1.46 0.00	41.41 1.60 0.00	28.18 1.13 0.00	26.66 1.14 0.00	25.96 1.07 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	22.02 1.00 0.00	22.05 0.95 0.00	21.37 0.87 0.00	20.60 0.83 0.00	23.52 0.87 0.00	25.59 1.06 0.00	24.70 1.06 0.00	21.17 1.11 0.00	18.11 1.07 0.00	19.70 1.19 0.00	16.08 1.01 0.00	16.17 1.05 0.00	18.82 1.24 0.00	20.15 1.32 0.00	20.43 1.40 0.00	21.51 1.51 0.00	30.30 2.11 0.00	35.13 2.41 0.00	39.14 2.47 0.00	37.46 2.24 0.00	42.33 2.52 0.00	28.81 1.76 0.00	27.24 1.72 0.00	26.53 1.64 0.00
PATROON___115KV_TB1 80586	21.07 0.06 0.00	21.17 0.07 0.00	20.55 0.05 0.00	19.81 0.05 0.00	22.69 0.04 0.00	24.54 0.01 0.00	23.64 0.00 0.00	20.12 0.06 0.00	17.12 0.09 0.00	18.59 0.08 0.00	15.16 0.08 0.00	15.22 0.10 0.00	17.71 0.14 0.00	18.96 0.13 0.00	19.19 0.16 0.00	20.28 0.28 0.00	28.97 0.79 0.00	33.65 0.92 0.00	37.75 1.08 0.00	36.43 1.22 0.00	41.18 1.36 0.00	27.94 0.89 0.00	26.37 0.85 0.00	25.70 0.82 0.00
PATTRSNVILLE___SOLAR 323815	21.47 0.45 0.00	21.56 0.46 0.00	20.94 0.43 0.00	20.18 0.42 0.00	23.13 0.48 0.00	25.04 0.51 0.00	24.12 0.48 0.00	20.42 0.36 0.00	17.20 0.16 0.00	18.58 0.08 0.00	15.11 0.04 0.00	15.16 0.04 0.00	17.63 0.05 0.00	18.92 0.09 0.00	19.25 0.22 0.00	20.27 0.27 0.00	28.42 0.24 0.00	33.31 0.59 0.00	37.49 0.82 0.00	36.32 1.11 0.00	41.08 1.27 0.00	27.87 0.82 0.00	26.28 0.76 0.00	25.60 0.71 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	20.58 -0.43 0.00	20.79 -0.31 0.00	20.22 -0.28 0.00	19.59 -0.16 0.00	22.57 -0.08 0.00	24.51 -0.01 0.00	23.52 -0.11 0.00	19.63 -0.43 0.00	16.58 -0.45 0.00	18.07 -0.43 0.00	14.69 -0.39 0.00	14.68 -0.44 0.00	17.09 -0.49 0.00	18.31 -0.52 0.00	18.42 -0.60 0.00	19.37 -0.63 0.00	27.21 -0.97 0.00	31.35 -1.37 0.00	35.33 -1.34 0.00	34.39 -0.82 0.00	38.75 -1.07 0.00	26.45 -0.60 0.00	24.88 -0.65 0.00	24.45 -0.44 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	21.60 0.59 0.00	21.64 0.54 0.00	20.98 0.47 0.00	20.21 0.45 0.00	23.12 0.47 0.00	25.04 0.51 0.00	24.13 0.50 0.00	20.63 0.57 0.00	17.67 0.63 0.00	19.21 0.71 0.00	15.67 0.60 0.00	15.76 0.64 0.00	18.37 0.79 0.00	19.67 0.85 0.00	19.94 0.91 0.00	21.02 1.02 0.00	29.64 1.46 0.00	34.36 1.63 0.00	38.41 1.74 0.00	36.91 1.70 0.00	41.65 1.84 0.00	28.30 1.25 0.00	26.72 1.20 0.00	26.02 1.13 0.00
PEEKSKILL___ 23653	21.41 0.39 0.00	21.45 0.34 0.00	20.79 0.29 0.00	20.04 0.28 0.00	22.91 0.26 0.00	24.82 0.29 0.00	23.92 0.29 0.00	20.45 0.39 0.00	17.52 0.49 0.00	19.05 0.55 0.00	15.55 0.47 0.00	15.64 0.52 0.00	18.22 0.65 0.00	19.53 0.70 0.00	19.79 0.76 0.00	20.85 0.85 0.00	29.36 1.17 0.00	33.98 1.25 0.00	37.95 1.28 0.00	36.45 1.24 0.00	41.14 1.33 0.00	27.97 0.92 0.00	26.47 0.94 0.00	25.79 0.91 0.00
PGE MADISON___WINDPWR 24146	21.89 0.88 0.00	21.98 0.88 0.00	21.38 0.88 0.00	20.64 0.88 0.00	23.65 1.01 0.00	25.77 1.25 0.00	24.84 1.20 0.00	20.87 0.81 0.00	17.59 0.55 0.00	18.97 0.47 0.00	15.38 0.30 0.00	15.38 0.26 0.00	17.89 0.31 0.00	19.20 0.38 0.00	19.46 0.44 0.00	20.63 0.63 0.00	29.20 1.01 0.00	33.97 1.25 0.00	38.67 2.00 0.00	37.56 2.34 0.00	42.19 2.38 0.00	28.31 1.26 0.00	26.53 1.01 0.00	25.92 1.03 0.00

PIERCEFIELD___HYD 23852	21.85 0.83 0.00	21.93 0.83 0.00	21.34 0.84 0.00	20.54 0.78 0.00	23.56 0.91 0.00	25.52 1.00 0.00	24.60 0.97 0.00	20.83 0.77 0.00	17.49 0.46 0.00	18.95 0.44 0.00	15.40 0.32 0.00	15.40 0.28 0.00	17.85 0.27 0.00	19.11 0.28 0.00	19.33 0.30 0.00	20.32 0.32 0.00	28.72 0.54 0.00	33.43 0.70 0.00	37.65 0.97 0.00	36.49 1.28 0.00	41.48 1.67 0.00	28.31 1.26 0.00	26.56 1.04 0.00	25.93 1.04 0.00
PINELAWN_CC_1 323563	21.64 0.63 0.00	21.59 0.49 0.00	20.91 0.41 0.00	20.11 0.36 0.00	22.94 0.29 0.00	24.85 0.32 0.00	23.95 0.31 0.00	20.54 0.48 0.00	17.86 0.83 0.00	19.36 0.85 0.00	15.93 0.85 0.00	17.54 0.93 -1.49	19.88 1.10 -1.20	21.85 1.14 -1.89	26.26 1.18 -6.05	34.64 1.33 -13.31	43.27 1.80 -13.28	52.33 1.90 -17.71	43.69 2.02 -4.99	42.78 1.84 -5.73	46.31 2.00 -4.50	34.29 1.44 -5.80	33.49 1.48 -6.49	33.19 1.51 -6.80
PJM_GEN_HTTP_PROXY 323702	21.52 0.50 0.00	21.54 0.44 0.00	20.90 0.40 0.00	20.15 0.39 0.00	23.04 0.39 0.00	24.98 0.45 0.00	24.08 0.45 0.00	20.62 0.56 0.00	17.70 0.66 0.00	19.25 0.75 0.00	15.72 0.65 0.00	15.82 0.70 0.00	18.43 0.85 0.00	19.75 0.92 0.00	20.01 0.98 0.00	21.08 1.08 0.00	29.66 1.47 0.00	34.27 1.54 0.00	38.22 1.55 0.00	37.75 1.44 -1.10	41.36 1.55 0.00	28.14 1.09 0.00	26.64 1.11 0.00	25.95 1.07 0.00
PJM_GEN_KEystone 24065	20.72 -0.23 0.06	20.90 -0.20 0.00	20.30 -0.21 0.00	19.61 -0.15 0.00	22.49 -0.15 0.00	24.43 -0.10 0.00	23.52 -0.12 0.00	19.88 -0.18 0.00	16.95 -0.08 0.00	18.45 -0.06 0.00	14.30 -0.06 0.71	15.06 -0.06 0.00	17.55 -0.03 0.00	18.80 -0.02 0.00	18.98 -0.05 0.00	19.99 -0.01 0.00	28.13 -0.05 0.00	32.50 -0.23 0.00	29.27 -0.28 0.00	35.54 -0.06 0.00	17.34 -0.20 22.27	26.99 -0.06 0.00	25.49 -0.03 0.00	21.88 0.02 3.02
PJM_GEN_NEPTUNE_PROXY 323594	21.46 0.45 0.00	21.43 0.33 0.00	20.77 0.27 0.00	19.99 0.23 0.00	22.81 0.17 0.00	24.72 0.19 0.00	23.82 0.18 0.00	20.42 0.36 0.00	17.70 0.66 0.00	19.21 0.70 0.00	14.04 0.75 1.78	15.57 0.83 0.38	18.68 0.99 -0.11	19.73 1.02 0.12	21.03 1.04 -0.97	27.89 1.13 -6.76	36.82 1.52 -7.12	44.24 1.57 -9.95	33.23 1.64 5.09	35.30 1.49 1.41	41.90 1.60 -0.49	28.84 1.18 -0.60	27.42 1.23 -0.66	26.80 1.27 -0.65
PJM_GEN_VFT_PROXY 323633	21.45 0.44 0.00	21.47 0.37 0.00	20.83 0.33 0.00	20.08 0.32 0.00	22.94 0.29 0.00	24.86 0.34 0.00	23.98 0.34 0.00	20.54 0.48 0.00	17.63 0.60 0.00	19.19 0.69 0.00	15.67 0.59 0.00	15.77 0.65 0.00	18.38 0.80 0.00	19.69 0.87 0.00	19.95 0.92 0.00	21.02 1.02 0.00	29.56 1.37 0.00	34.15 1.42 0.00	38.08 1.41 0.00	37.59 1.28 -1.10	41.18 1.37 0.00	28.04 0.99 0.00	26.54 1.01 0.00	25.87 0.98 0.00
PLATSBURG_115KV_PMLD1 355749	21.63 0.62 0.00	21.73 0.63 0.00	21.15 0.64 0.00	20.35 0.59 0.00	23.31 0.66 0.00	25.27 0.74 0.00	24.39 0.76 0.00	20.70 0.64 0.00	17.54 0.51 0.00	19.04 0.53 0.00	15.48 0.40 0.00	15.50 0.38 0.00	17.99 0.41 0.00	19.27 0.44 0.00	19.48 0.45 0.00	20.53 0.53 0.00	29.02 0.84 0.00	33.82 1.10 0.00	37.98 1.30 0.00	36.67 1.46 0.00	41.52 1.71 0.00	28.28 1.23 0.00	26.55 1.02 0.00	25.88 1.00 0.00
PLEASANTVLY___LBMP 24000	21.36 0.34 0.00	21.41 0.31 0.00	20.77 0.26 0.00	20.01 0.25 0.00	22.89 0.24 0.00	24.78 0.26 0.00	23.87 0.23 0.00	20.40 0.34 0.00	17.46 0.43 0.00	18.98 0.47 0.00	15.49 0.42 0.00	15.58 0.46 0.00	18.15 0.57 0.00	19.43 0.60 0.00	19.69 0.66 0.00	20.73 0.74 0.00	29.21 1.02 0.00	33.83 1.11 0.00	37.82 1.15 0.00	36.37 1.15 0.00	41.06 1.25 0.00	27.90 0.85 0.00	26.39 0.86 0.00	25.71 0.82 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	21.49 0.47 0.00	21.52 0.42 0.00	20.87 0.37 0.00	20.11 0.35 0.00	23.00 0.35 0.00	24.91 0.38 0.00	24.00 0.37 0.00	20.53 0.46 0.00	17.60 0.57 0.00	19.15 0.64 0.00	15.63 0.55 0.00	15.72 0.60 0.00	18.32 0.74 0.00	19.62 0.79 0.00	19.88 0.85 0.00	20.93 0.94 0.00	29.50 1.31 0.00	34.14 1.42 0.00	38.12 1.45 0.00	36.61 1.39 0.00	41.33 1.52 0.00	28.11 1.06 0.00	26.58 1.05 0.00	25.90 1.02 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	21.49 0.47 0.00	21.52 0.42 0.00	20.87 0.37 0.00	20.11 0.35 0.00	23.00 0.35 0.00	24.91 0.38 0.00	24.00 0.37 0.00	20.53 0.46 0.00	17.60 0.57 0.00	19.15 0.64 0.00	15.63 0.55 0.00	15.72 0.60 0.00	18.32 0.74 0.00	19.62 0.79 0.00	19.88 0.85 0.00	20.93 0.94 0.00	29.50 1.31 0.00	34.14 1.42 0.00	38.12 1.45 0.00	36.61 1.39 0.00	41.33 1.52 0.00	28.11 1.06 0.00	26.58 1.05 0.00	25.90 1.02 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	21.50 0.49 0.00	21.56 0.46 0.00	20.90 0.40 0.00	20.14 0.38 0.00	23.03 0.39 0.00	24.95 0.42 0.00	24.04 0.40 0.00	20.53 0.47 0.00	17.56 0.53 0.00	19.08 0.57 0.00	15.57 0.49 0.00	15.65 0.53 0.00	18.22 0.64 0.00	19.52 0.70 0.00	19.78 0.75 0.00	20.85 0.85 0.00	29.41 1.23 0.00	34.13 1.41 0.00	38.20 1.53 0.00	36.74 1.52 0.00	41.46 1.65 0.00	28.16 1.11 0.00	26.59 1.07 0.00	25.90 1.01 0.00
POLETTI_____ 23519	21.48 0.46 0.00	21.50 0.40 0.00	20.87 0.37 0.00	20.15 0.39 0.00	23.03 0.38 0.00	24.96 0.44 0.00	24.07 0.43 0.00	20.61 0.55 0.00	17.70 0.66 0.00	19.26 0.75 0.00	15.73 0.65 0.00	15.83 0.71 0.00	18.44 0.86 0.00	19.73 0.91 0.00	19.99 0.96 0.00	21.04 1.04 0.00	29.59 1.40 0.00	34.19 1.47 0.00	38.13 1.46 0.00	36.58 1.36 0.00	41.27 1.45 0.00	28.09 1.04 0.00	26.59 1.06 0.00	25.90 1.02 0.00
POMONA___ESR 323819	21.43 0.41 0.00	21.46 0.36 0.00	20.80 0.30 0.00	20.05 0.29 0.00	22.93 0.28 0.00	24.84 0.31 0.00	23.95 0.31 0.00	20.45 0.39 0.00	17.51 0.48 0.00	19.05 0.54 0.00	15.54 0.46 0.00	15.63 0.51 0.00	18.23 0.66 0.00	19.54 0.72 0.00	19.80 0.77 0.00	20.87 0.87 0.00	29.39 1.20 0.00	34.01 1.29 0.00	37.99 1.32 0.00	36.47 1.25 0.00	41.16 1.35 0.00	28.00 0.95 0.00	26.49 0.96 0.00	25.81 0.93 0.00
PORT_JEFF_3 23555	21.57 0.56 0.00	21.50 0.40 0.00	20.83 0.33 0.00	20.03 0.27 0.00	22.81 0.16 0.00	24.70 0.17 0.00	23.81 0.17 0.00	20.47 0.41 0.00	17.97 0.94 0.00	19.46 0.95 0.00	14.91 0.89 1.06	16.45 0.95 -0.38	19.25 1.11 -0.55	20.65 1.14 -0.68	23.18 1.19 -2.96	30.69 1.33 -9.36	39.63 1.84 -9.61	47.88 1.94 -13.21	38.37 2.09 0.38	38.01 1.85 -0.94	43.83 1.97 -2.06	31.10 1.40 -2.65	29.94 1.43 -2.98	29.47 1.45 -3.14
PORT_JEFF_4 23616	21.57 0.56 0.00	21.50 0.40 0.00	20.83 0.33 0.00	20.03 0.27 0.00	22.81 0.16 0.00	24.70 0.17 0.00	23.81 0.17 0.00	20.47 0.41 0.00	17.97 0.94 0.00	19.46 0.95 0.00	14.91 0.89 1.06	16.45 0.95 -0.38	19.25 1.11 -0.55	20.65 1.14 -0.68	23.18 1.19 -2.96	30.69 1.33 -9.36	39.63 1.84 -9.61	47.88 1.94 -13.21	38.37 2.09 0.38	38.01 1.85 -0.94	43.83 1.97 -2.06	31.10 1.40 -2.65	29.94 1.43 -2.98	29.47 1.45 -3.14

PORT_JEFF_IC 23713	21.59 0.58 0.00	21.51 0.41 0.00	20.84 0.34 0.00	20.03 0.27 0.00	22.82 0.17 0.00	24.71 0.18 0.00	23.82 0.19 0.00	20.47 0.41 0.00	17.99 0.96 0.00	19.48 0.97 0.00	14.95 0.91 1.03	16.50 0.96 -0.41	19.28 1.13 -0.57	20.71 1.16 -0.72	23.29 1.21 -3.05	30.83 1.35 -9.48	39.77 1.87 -9.72	48.06 1.98 -13.35	38.62 2.17 0.21	38.22 1.91 -1.09	43.97 2.03 -2.13	31.23 1.43 -2.75	30.07 1.46 -3.09	29.61 1.47 -3.25
PPL PILGRIM_ST_GT1 24216	21.71 0.70 0.00	21.63 0.53 0.00	20.97 0.46 0.00	20.16 0.40 0.00	22.98 0.33 0.00	24.89 0.36 0.00	23.98 0.34 0.00	20.59 0.53 0.00	17.98 0.95 0.00	19.48 0.97 0.00	15.13 0.94 0.88	16.69 1.01 -0.56	19.42 1.19 -0.66	20.93 1.23 -0.88	23.76 1.29 -3.45	31.41 1.43 -9.99	40.32 1.94 -10.20	48.71 2.02 -13.96	39.43 2.17 -0.59	38.89 1.94 -1.73	44.34 2.10 -2.44	31.71 1.50 -3.16	30.64 1.57 -3.55	30.23 1.60 -3.75
PPL PILGRIM_ST_GT2 24217	21.71 0.70 0.00	21.63 0.53 0.00	20.97 0.46 0.00	20.16 0.40 0.00	22.98 0.33 0.00	24.89 0.36 0.00	23.98 0.34 0.00	20.59 0.53 0.00	17.98 0.95 0.00	19.48 0.97 0.00	15.13 0.94 0.88	16.69 1.01 -0.56	19.42 1.19 -0.66	20.93 1.23 -0.88	23.76 1.29 -3.45	31.41 1.43 -9.99	40.32 1.94 -10.20	48.71 2.02 -13.96	39.43 2.17 -0.59	38.89 1.94 -1.73	44.34 2.10 -2.44	31.71 1.50 -3.16	30.64 1.57 -3.55	30.23 1.60 -3.75
PPL_SHRM_GT3 24213	21.36 0.34 0.00	21.27 0.17 0.00	20.61 0.10 0.00	19.80 0.04 0.00	22.52 -0.13 0.00	24.39 -0.14 0.00	23.51 -0.12 0.00	20.25 0.19 0.00	18.08 1.04 0.00	19.51 1.00 0.00	14.88 0.84 1.05	16.38 0.86 -0.40	19.13 0.99 -0.56	20.47 0.94 -0.71	23.04 1.00 -3.00	30.56 1.15 -9.42	39.47 1.62 -9.66	47.76 1.76 -13.28	38.28 1.91 0.30	37.89 1.66 -1.01	43.64 1.74 -2.09	30.96 1.21 -2.70	29.79 1.23 -3.04	29.30 1.22 -3.19
PPL_SHRM_GT4 24214	21.36 0.34 0.00	21.27 0.17 0.00	20.61 0.10 0.00	19.80 0.04 0.00	22.52 -0.13 0.00	24.39 -0.14 0.00	23.51 -0.12 0.00	20.25 0.19 0.00	18.08 1.04 0.00	19.51 1.00 0.00	14.88 0.84 1.05	16.38 0.86 -0.40	19.13 0.99 -0.56	20.47 0.94 -0.71	23.04 1.00 -3.00	30.56 1.15 -9.42	39.47 1.62 -9.66	47.76 1.76 -13.28	38.28 1.91 0.30	37.89 1.66 -1.01	43.64 1.74 -2.09	30.96 1.21 -2.70	29.79 1.23 -3.04	29.30 1.22 -3.19
PROJECT___ORANGE 1 24174	20.68 -0.33 0.00	20.78 -0.32 0.00	20.18 -0.33 0.00	19.47 -0.29 0.00	22.32 -0.33 0.00	24.18 -0.34 0.00	23.29 -0.34 0.00	19.73 -0.33 0.00	16.73 -0.30 0.00	18.17 -0.34 0.00	14.79 -0.29 0.00	14.83 -0.29 0.00	17.27 -0.31 0.00	18.51 -0.31 0.00	18.68 -0.34 0.00	19.60 -0.40 0.00	27.57 -0.62 0.00	31.99 -0.74 0.00	36.01 -0.67 0.00	34.77 -0.45 0.00	39.29 -0.52 0.00	26.69 -0.36 0.00	25.18 -0.35 0.00	24.55 -0.34 0.00
PROJECT___ORANGE 2 24166	20.68 -0.33 0.00	20.78 -0.32 0.00	20.18 -0.33 0.00	19.47 -0.29 0.00	22.32 -0.33 0.00	24.18 -0.34 0.00	23.29 -0.34 0.00	19.73 -0.33 0.00	16.73 -0.30 0.00	18.17 -0.34 0.00	14.79 -0.29 0.00	14.83 -0.29 0.00	17.27 -0.31 0.00	18.51 -0.31 0.00	18.68 -0.34 0.00	19.60 -0.40 0.00	27.57 -0.62 0.00	31.99 -0.74 0.00	36.01 -0.67 0.00	34.77 -0.45 0.00	39.29 -0.52 0.00	26.69 -0.36 0.00	25.18 -0.35 0.00	24.55 -0.34 0.00
PUCKETT___SOLAR 323809	21.06 0.04 0.00	21.18 0.08 0.00	20.57 0.06 0.00	19.86 0.10 0.00	22.76 0.12 0.00	24.74 0.22 0.00	23.84 0.21 0.00	20.07 0.01 0.00	17.02 -0.02 0.00	18.37 -0.13 0.00	14.90 -0.17 0.00	14.90 -0.22 0.00	17.38 -0.20 0.00	18.64 -0.19 0.00	18.83 -0.20 0.00	19.84 -0.16 0.00	27.92 -0.26 0.00	32.48 -0.24 0.00	36.77 0.10 0.00	35.75 0.53 0.00	40.32 0.50 0.00	27.22 0.17 0.00	25.60 0.07 0.00	24.97 0.09 0.00
PYRITES___HYD 24023	22.21 1.20 0.00	22.29 1.19 0.00	21.69 1.19 0.00	20.88 1.12 0.00	23.95 1.31 0.00	25.96 1.43 0.00	25.02 1.39 0.00	21.15 1.09 0.00	17.63 0.59 0.00	19.04 0.53 0.00	15.46 0.39 0.00	15.46 0.35 0.00	17.92 0.34 0.00	19.20 0.38 0.00	19.42 0.40 0.00	20.43 0.43 0.00	28.86 0.67 0.00	33.63 0.90 0.00	38.00 1.32 0.00	37.10 1.89 0.00	42.22 2.41 0.00	28.81 1.77 0.00	27.02 1.50 0.00	26.35 1.47 0.00
QUAKERRD_115KV_BK1 80622	20.36 -0.65 0.00	20.50 -0.60 0.00	19.92 -0.59 0.00	19.25 -0.51 0.00	22.11 -0.54 0.00	23.97 -0.56 0.00	23.04 -0.60 0.00	19.39 -0.67 0.00	16.39 -0.64 0.00	17.82 -0.69 0.00	14.50 -0.58 0.00	14.53 -0.59 0.00	16.90 -0.69 0.00	18.14 -0.69 0.00	18.28 -0.75 0.00	19.19 -0.80 0.00	27.02 -1.16 0.00	31.28 -1.44 0.00	35.28 -1.39 0.00	34.16 -1.05 0.00	38.56 -1.25 0.00	26.25 -0.80 0.00	24.69 -0.83 0.00	24.15 -0.73 0.00
QUENSBRY_115KV_TB8 356137	22.08 1.07 0.00	22.18 1.08 0.00	21.53 1.02 0.00	20.74 0.98 0.00	23.80 1.15 0.00	25.76 1.24 0.00	24.82 1.19 0.00	21.07 1.01 0.00	17.83 0.80 0.00	19.22 0.71 0.00	15.53 0.45 0.00	15.57 0.45 0.00	18.13 0.55 0.00	19.38 0.56 0.00	19.64 0.61 0.00	20.75 0.75 0.00	29.38 1.20 0.00	34.64 1.92 0.00	39.15 2.48 0.00	38.12 2.90 0.00	43.05 3.24 0.00	29.04 1.99 0.00	27.37 1.85 0.00	26.60 1.71 0.00
RAMAPO___LBMP 323565	21.33 0.32 0.00	21.37 0.27 0.00	20.71 0.21 0.00	19.96 0.20 0.00	22.83 0.19 0.00	24.74 0.21 0.00	23.85 0.22 0.00	20.36 0.30 0.00	17.43 0.40 0.00	18.95 0.45 0.00	15.45 0.38 0.00	15.55 0.43 0.00	18.13 0.55 0.00	19.43 0.61 0.00	19.68 0.65 0.00	20.74 0.74 0.00	29.19 1.01 0.00	33.79 1.06 0.00	37.76 1.09 0.00	36.27 1.05 0.00	40.92 1.11 0.00	27.84 0.79 0.00	26.34 0.82 0.00	25.68 0.80 0.00
RANKINE____ 23646	20.68 -0.34 0.00	20.89 -0.21 0.00	20.32 -0.18 0.00	19.69 -0.07 0.00	22.67 0.03 0.00	24.63 0.10 0.00	23.62 -0.01 0.00	19.70 -0.37 0.00	16.62 -0.42 0.00	18.11 -0.40 0.00	14.72 -0.35 0.00	14.74 -0.38 0.00	17.14 -0.44 0.00	18.37 -0.45 0.00	18.47 -0.55 0.00	19.43 -0.57 0.00	27.28 -0.90 0.00	31.42 -1.31 0.00	35.41 -1.26 0.00	34.47 -0.75 0.00	38.82 -0.99 0.00	26.51 -0.54 0.00	24.94 -0.59 0.00	24.53 -0.36 0.00
RAVENSWOOD_GT2_1 24244	21.54 0.53 0.00	21.57 0.47 0.00	20.92 0.42 0.00	20.17 0.41 0.00	23.05 0.41 0.00	24.99 0.46 0.00	24.10 0.46 0.00	20.62 0.56 0.00	17.71 0.67 0.00	19.27 0.76 0.00	15.74 0.66 0.00	15.83 0.71 0.00	18.45 0.87 0.00	19.76 0.94 0.00	20.02 1.00 0.00	21.09 1.09 0.00	29.67 1.49 0.00	34.30 1.58 0.00	38.26 1.59 0.00	36.69 1.47 0.00	41.39 1.58 0.00	28.18 1.13 0.00	26.66 1.14 0.00	25.98 1.09 0.00
RAVENSWOOD_GT2_2 24245	21.54 0.53 0.00	21.57 0.47 0.00	20.92 0.42 0.00	20.17 0.41 0.00	23.05 0.41 0.00	24.99 0.46 0.00	24.10 0.46 0.00	20.62 0.56 0.00	17.71 0.67 0.00	19.27 0.76 0.00	15.74 0.66 0.00	15.83 0.71 0.00	18.45 0.87 0.00	19.76 0.94 0.00	20.02 1.00 0.00	21.09 1.09 0.00	29.67 1.49 0.00	34.30 1.58 0.00	38.26 1.59 0.00	36.69 1.47 0.00	41.39 1.58 0.00	28.18 1.13 0.00	26.66 1.14 0.00	25.98 1.09 0.00

RAVENSWOOD_GT2_3 24246	21.55 0.54 0.00	21.57 0.48 0.00	20.93 0.42 0.00	20.18 0.42 0.00	23.06 0.41 0.00	25.00 0.48 0.00	24.10 0.47 0.00	20.63 0.57 0.00	17.71 0.68 0.00	19.28 0.77 0.00	15.74 0.67 0.00	15.84 0.72 0.00	18.46 0.88 0.00	19.76 0.94 0.00	20.03 1.00 0.00	21.10 1.10 0.00	29.69 1.50 0.00	34.32 1.60 0.00	38.28 1.61 0.00	36.70 1.48 0.00	41.42 1.61 0.00	28.19 1.14 0.00	26.68 1.15 0.00	25.99 1.11 0.00
RAVENSWOOD_GT2_4 24247	21.55 0.54 0.00	21.57 0.48 0.00	20.93 0.42 0.00	20.18 0.42 0.00	23.06 0.41 0.00	25.00 0.48 0.00	24.10 0.47 0.00	20.63 0.57 0.00	17.71 0.68 0.00	19.28 0.77 0.00	15.74 0.67 0.00	15.84 0.72 0.00	18.46 0.88 0.00	19.76 0.94 0.00	20.03 1.00 0.00	21.10 1.10 0.00	29.69 1.50 0.00	34.32 1.60 0.00	38.28 1.61 0.00	36.70 1.48 0.00	41.42 1.61 0.00	28.19 1.14 0.00	26.68 1.15 0.00	25.99 1.11 0.00
RAVENSWOOD_GT3_1 24248	21.54 0.53 0.00	21.57 0.47 0.00	20.92 0.42 0.00	20.17 0.41 0.00	23.05 0.41 0.00	24.99 0.46 0.00	24.10 0.46 0.00	20.62 0.56 0.00	17.71 0.67 0.00	19.27 0.76 0.00	15.74 0.66 0.00	15.83 0.71 0.00	18.45 0.87 0.00	19.76 0.94 0.00	20.03 1.00 0.00	21.09 1.09 0.00	29.67 1.49 0.00	34.30 1.58 0.00	38.26 1.59 0.00	36.69 1.47 0.00	41.40 1.59 0.00	28.18 1.13 0.00	26.66 1.14 0.00	25.98 1.09 0.00
RAVENSWOOD_GT3_2 24249	21.54 0.53 0.00	21.57 0.47 0.00	20.92 0.42 0.00	20.17 0.41 0.00	23.05 0.41 0.00	24.99 0.46 0.00	24.10 0.46 0.00	20.62 0.56 0.00	17.71 0.67 0.00	19.27 0.76 0.00	15.74 0.66 0.00	15.83 0.71 0.00	18.45 0.87 0.00	19.76 0.94 0.00	20.03 1.00 0.00	21.09 1.09 0.00	29.67 1.49 0.00	34.30 1.58 0.00	38.26 1.59 0.00	36.69 1.47 0.00	41.40 1.59 0.00	28.18 1.13 0.00	26.66 1.14 0.00	25.98 1.09 0.00
RAVENSWOOD_GT3_3 24250	21.57 0.56 0.00	21.60 0.50 0.00	20.95 0.44 0.00	20.20 0.44 0.00	23.08 0.43 0.00	25.02 0.49 0.00	24.12 0.49 0.00	20.65 0.59 0.00	17.73 0.69 0.00	19.30 0.79 0.00	15.76 0.68 0.00	15.86 0.74 0.00	18.48 0.90 0.00	19.79 0.96 0.00	20.05 1.02 0.00	21.12 1.12 0.00	29.72 1.54 0.00	34.36 1.64 0.00	38.33 1.65 0.00	36.74 1.53 0.00	41.46 1.65 0.00	28.22 1.17 0.00	26.70 1.18 0.00	26.02 1.13 0.00
RAVENSWOOD_GT3_4 24251	21.57 0.56 0.00	21.60 0.50 0.00	20.95 0.44 0.00	20.20 0.44 0.00	23.08 0.43 0.00	25.02 0.49 0.00	24.12 0.49 0.00	20.65 0.59 0.00	17.73 0.69 0.00	19.30 0.79 0.00	15.76 0.68 0.00	15.86 0.74 0.00	18.48 0.90 0.00	19.79 0.96 0.00	20.05 1.02 0.00	21.12 1.12 0.00	29.72 1.54 0.00	34.36 1.64 0.00	38.33 1.65 0.00	36.74 1.53 0.00	41.46 1.65 0.00	28.22 1.17 0.00	26.70 1.18 0.00	26.02 1.13 0.00
RAVENSWOOD_GT_1 23729	21.57 0.56 0.00	21.57 0.47 0.00	20.94 0.43 0.00	20.17 0.41 0.00	23.01 0.36 0.00	24.96 0.44 0.00	24.09 0.45 0.00	20.67 0.61 0.00	17.72 0.69 0.00	19.29 0.79 0.00	15.77 0.70 0.00	15.87 0.76 0.00	18.49 0.91 0.00	19.79 0.96 0.00	20.07 1.04 0.00	21.12 1.12 0.00	29.71 1.53 0.00	34.40 1.68 0.00	38.31 1.64 0.00	36.69 1.47 0.00	41.39 1.58 0.00	28.20 1.15 0.00	26.70 1.17 0.00	25.98 1.10 0.00
RAVENSWOOD_GT_10 24258	21.54 0.53 0.00	21.57 0.47 0.00	20.92 0.42 0.00	20.17 0.41 0.00	23.06 0.41 0.00	24.99 0.46 0.00	24.10 0.46 0.00	20.62 0.56 0.00	17.71 0.67 0.00	19.27 0.76 0.00	15.74 0.66 0.00	15.83 0.71 0.00	18.45 0.87 0.00	19.76 0.94 0.00	20.02 0.99 0.00	21.09 1.09 0.00	29.67 1.49 0.00	34.30 1.58 0.00	38.26 1.59 0.00	36.69 1.47 0.00	41.40 1.59 0.00	28.18 1.13 0.00	26.66 1.14 0.00	25.98 1.09 0.00
RAVENSWOOD_GT_11 24259	21.54 0.53 0.00	21.57 0.47 0.00	20.92 0.42 0.00	20.17 0.41 0.00	23.06 0.41 0.00	24.99 0.46 0.00	24.10 0.46 0.00	20.62 0.56 0.00	17.71 0.67 0.00	19.27 0.76 0.00	15.74 0.66 0.00	15.83 0.71 0.00	18.45 0.87 0.00	19.76 0.94 0.00	20.02 0.99 0.00	21.09 1.09 0.00	29.67 1.49 0.00	34.30 1.58 0.00	38.26 1.59 0.00	36.69 1.47 0.00	41.40 1.59 0.00	28.18 1.13 0.00	26.66 1.14 0.00	25.98 1.09 0.00
RAVENSWOOD_GT_4 24252	21.54 0.53 0.00	21.57 0.47 0.00	20.92 0.42 0.00	20.17 0.41 0.00	23.05 0.41 0.00	24.99 0.46 0.00	24.10 0.46 0.00	20.62 0.56 0.00	17.71 0.67 0.00	19.27 0.76 0.00	15.74 0.66 0.00	15.83 0.71 0.00	18.45 0.87 0.00	19.76 0.94 0.00	20.03 1.00 0.00	21.09 1.09 0.00	29.68 1.49 0.00	34.30 1.58 0.00	38.27 1.59 0.00	36.69 1.47 0.00	41.40 1.59 0.00	28.18 1.13 0.00	26.67 1.14 0.00	25.98 1.09 0.00
RAVENSWOOD_GT_5 24254	21.54 0.53 0.00	21.57 0.47 0.00	20.92 0.42 0.00	20.17 0.41 0.00	23.05 0.41 0.00	24.99 0.46 0.00	24.10 0.46 0.00	20.62 0.56 0.00	17.71 0.67 0.00	19.27 0.76 0.00	15.74 0.66 0.00	15.83 0.71 0.00	18.45 0.87 0.00	19.76 0.94 0.00	20.03 1.00 0.00	21.09 1.09 0.00	29.68 1.49 0.00	34.30 1.58 0.00	38.27 1.59 0.00	36.69 1.47 0.00	41.40 1.59 0.00	28.18 1.13 0.00	26.67 1.14 0.00	25.98 1.09 0.00
RAVENSWOOD_GT_6 24253	21.54 0.53 0.00	21.57 0.47 0.00	20.92 0.42 0.00	20.17 0.41 0.00	23.05 0.41 0.00	24.99 0.46 0.00	24.10 0.46 0.00	20.62 0.56 0.00	17.71 0.67 0.00	19.27 0.76 0.00	15.74 0.66 0.00	15.83 0.71 0.00	18.45 0.87 0.00	19.76 0.94 0.00	20.03 1.00 0.00	21.09 1.09 0.00	29.68 1.49 0.00	34.30 1.58 0.00	38.27 1.59 0.00	36.69 1.47 0.00	41.40 1.59 0.00	28.18 1.13 0.00	26.67 1.14 0.00	25.98 1.09 0.00
RAVENSWOOD_GT_7 24255	21.54 0.53 0.00	21.57 0.47 0.00	20.92 0.42 0.00	20.17 0.41 0.00	23.05 0.41 0.00	24.99 0.46 0.00	24.10 0.46 0.00	20.62 0.56 0.00	17.71 0.67 0.00	19.27 0.76 0.00	15.74 0.66 0.00	15.83 0.71 0.00	18.45 0.87 0.00	19.76 0.94 0.00	20.03 1.00 0.00	21.09 1.09 0.00	29.68 1.49 0.00	34.30 1.58 0.00	38.27 1.59 0.00	36.69 1.47 0.00	41.40 1.59 0.00	28.18 1.13 0.00	26.67 1.14 0.00	25.98 1.09 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	21.54 0.53 0.00	21.57 0.47 0.00	20.92 0.42 0.00	20.17 0.41 0.00	23.06 0.41 0.00	24.99 0.46 0.00	24.10 0.46 0.00	20.62 0.56 0.00	17.71 0.67 0.00	19.27 0.76 0.00	15.74 0.66 0.00	15.83 0.71 0.00	18.45 0.87 0.00	19.76 0.94 0.00	20.02 0.99 0.00	21.09 1.09 0.00	29.67 1.49 0.00	34.30 1.58 0.00	38.26 1.59 0.00	36.69 1.47 0.00	41.40 1.59 0.00	28.18 1.13 0.00	26.66 1.14 0.00	25.98 1.09 0.00
RAVENSWOOD_GT_9 24257	21.54 0.53 0.00	21.57 0.47 0.00	20.92 0.42 0.00	20.17 0.41 0.00	23.06 0.41 0.00	24.99 0.46 0.00	24.10 0.46 0.00	20.62 0.56 0.00	17.71 0.67 0.00	19.27 0.76 0.00	15.74 0.66 0.00	15.83 0.71 0.00	18.45 0.87 0.00	19.76 0.94 0.00	20.02 0.99 0.00	21.09 1.09 0.00	29.67 1.49 0.00	34.30 1.58 0.00	38.26 1.59 0.00	36.69 1.47 0.00	41.40 1.59 0.00	28.18 1.13 0.00	26.66 1.14 0.00	25.98 1.09 0.00

RAVENSWOOD___1 23533	21.57 0.55 0.00	21.57 0.48 0.00	20.94 0.43 0.00	20.17 0.41 0.00	23.01 0.36 0.00	24.96 0.44 0.00	24.09 0.45 0.00	20.68 0.62 0.00	17.72 0.69 0.00	19.30 0.79 0.00	15.77 0.70 0.00	15.87 0.75 0.00	18.49 0.91 0.00	19.79 0.96 0.00	20.07 1.05 0.00	21.12 1.12 0.00	29.69 1.50 0.00	34.34 1.62 0.00	38.29 1.62 0.00	36.68 1.46 0.00	41.39 1.58 0.00	28.20 1.15 0.00	26.70 1.17 0.00	25.98 1.10 0.00
RAVENSWOOD___2 23534	21.57 0.55 0.00	21.57 0.48 0.00	20.94 0.43 0.00	20.17 0.41 0.00	23.01 0.36 0.00	24.96 0.44 0.00	24.09 0.45 0.00	20.68 0.62 0.00	17.72 0.69 0.00	19.30 0.79 0.00	15.77 0.70 0.00	15.87 0.75 0.00	18.49 0.91 0.00	19.79 0.96 0.00	20.07 1.05 0.00	21.12 1.12 0.00	29.69 1.50 0.00	34.34 1.62 0.00	38.29 1.62 0.00	36.68 1.46 0.00	41.39 1.58 0.00	28.20 1.15 0.00	26.70 1.17 0.00	25.98 1.10 0.00
RAVENSWOOD___3 23535	21.54 0.52 0.00	21.57 0.47 0.00	20.92 0.42 0.00	20.17 0.41 0.00	23.05 0.41 0.00	24.99 0.46 0.00	24.10 0.46 0.00	20.63 0.57 0.00	17.71 0.67 0.00	19.27 0.76 0.00	15.74 0.66 0.00	15.83 0.71 0.00	18.45 0.87 0.00	19.76 0.94 0.00	20.02 1.00 0.00	21.09 1.09 0.00	29.68 1.49 0.00	34.30 1.58 0.00	38.26 1.59 0.00	36.69 1.47 0.00	41.40 1.58 0.00	28.18 1.13 0.00	26.67 1.14 0.00	25.98 1.09 0.00
RAVENSWOOD___4 23820	21.57 0.55 0.00	21.57 0.48 0.00	20.94 0.43 0.00	20.17 0.41 0.00	23.01 0.36 0.00	24.96 0.44 0.00	24.09 0.45 0.00	20.68 0.62 0.00	17.72 0.69 0.00	19.30 0.79 0.00	15.77 0.70 0.00	15.87 0.75 0.00	18.49 0.91 0.00	19.79 0.96 0.00	20.07 1.05 0.00	21.12 1.12 0.00	29.69 1.50 0.00	34.34 1.62 0.00	38.29 1.62 0.00	36.68 1.46 0.00	41.39 1.58 0.00	28.20 1.15 0.00	26.70 1.17 0.00	25.98 1.10 0.00
RCPL_TRUST___DRP 24196	21.56 0.55 0.00	21.58 0.48 0.00	20.93 0.43 0.00	20.18 0.42 0.00	23.08 0.43 0.00	25.01 0.49 0.00	24.12 0.48 0.00	20.64 0.59 0.00	17.72 0.68 0.00	19.28 0.78 0.00	15.75 0.67 0.00	15.84 0.72 0.00	18.46 0.88 0.00	19.77 0.94 0.00	20.03 1.00 0.00	21.10 1.10 0.00	29.69 1.51 0.00	34.30 1.58 0.00	38.27 1.60 0.00	36.69 1.47 0.00	41.40 1.59 0.00	28.17 1.12 0.00	26.66 1.14 0.00	25.98 1.09 0.00
RED___ROCHESTER 323720	20.91 -0.10 0.00	21.05 -0.05 0.00	20.47 -0.04 0.00	19.77 0.01 0.00	22.73 0.08 0.00	24.64 0.11 0.00	23.67 0.04 0.00	19.87 -0.19 0.00	16.79 -0.24 0.00	18.27 -0.24 0.00	14.87 -0.21 0.00	14.90 -0.22 0.00	17.34 -0.23 0.00	18.62 -0.20 0.00	18.76 -0.27 0.00	19.72 -0.28 0.00	27.75 -0.43 0.00	32.13 -0.60 0.00	36.26 -0.41 0.00	35.15 -0.07 0.00	39.65 -0.17 0.00	27.00 -0.04 0.00	25.37 -0.15 0.00	24.82 -0.07 0.00
REGAN___SOLAR 323812	21.91 0.90 0.00	21.99 0.89 0.00	21.36 0.86 0.00	20.58 0.82 0.00	23.59 0.94 0.00	25.56 1.03 0.00	24.63 0.99 0.00	20.73 0.67 0.00	17.14 0.10 0.00	18.35 -0.16 0.00	14.88 -0.20 0.00	14.91 -0.21 0.00	17.33 -0.24 0.00	18.73 -0.10 0.00	19.02 -0.01 0.00	20.08 0.08 0.00	28.35 0.16 0.00	33.85 1.13 0.00	37.91 1.24 0.00	37.06 1.84 0.00	41.90 2.09 0.00	28.42 1.37 0.00	26.74 1.22 0.00	26.03 1.14 0.00
RENSSELAER___COGEN 23796	20.96 -0.06 0.00	21.07 -0.03 0.00	20.45 -0.05 0.00	19.72 -0.04 0.00	22.57 -0.07 0.00	24.42 -0.11 0.00	23.52 -0.12 0.00	20.03 -0.03 0.00	17.04 0.01 0.00	18.51 0.00 0.00	15.10 0.02 0.00	15.16 0.04 0.00	17.64 0.06 0.00	18.87 0.05 0.00	19.09 0.07 0.00	20.16 0.16 0.00	28.81 0.62 0.00	33.44 0.72 0.00	37.51 0.84 0.00	36.21 0.99 0.00	40.94 1.13 0.00	27.78 0.74 0.00	26.25 0.72 0.00	25.57 0.68 0.00
REPUBLIC_115KV_BARTNBRK 55605	22.87 1.86 0.00	23.02 1.91 0.00	22.37 1.87 0.00	21.56 1.80 0.00	24.78 2.13 0.00	26.81 2.29 0.00	25.83 2.20 0.00	21.87 1.81 0.00	18.49 1.46 0.00	19.79 1.28 0.00	16.04 0.96 0.00	16.07 0.95 0.00	18.75 1.17 0.00	20.05 1.23 0.00	20.29 1.26 0.00	21.50 1.50 0.00	30.45 2.26 0.00	35.97 3.25 0.00	40.83 4.15 0.00	40.21 4.99 0.00	45.46 5.65 0.00	30.56 3.51 0.00	28.59 3.07 0.00	27.80 2.92 0.00
REVERE_CPPR_DRP 24186	21.60 0.59 0.00	21.66 0.56 0.00	21.02 0.52 0.00	20.27 0.51 0.00	23.24 0.59 0.00	25.19 0.67 0.00	24.28 0.65 0.00	20.54 0.48 0.00	17.27 0.24 0.00	18.66 0.15 0.00	15.16 0.08 0.00	15.19 0.07 0.00	17.68 0.10 0.00	18.97 0.14 0.00	19.20 0.17 0.00	20.23 0.23 0.00	28.56 0.38 0.00	33.36 0.63 0.00	37.77 1.10 0.00	36.64 1.42 0.00	41.42 1.61 0.00	28.10 1.05 0.00	26.44 0.91 0.00	25.72 0.83 0.00
REYNLDPA_13_KV_LD 356490	21.56 0.55 0.00	21.66 0.56 0.00	21.08 0.58 0.00	20.29 0.54 0.00	23.28 0.63 0.00	25.20 0.68 0.00	24.30 0.67 0.00	20.59 0.53 0.00	17.40 0.37 0.00	18.92 0.41 0.00	15.39 0.32 0.00	15.40 0.28 0.00	17.88 0.30 0.00	19.15 0.32 0.00	19.35 0.32 0.00	20.35 0.35 0.00	28.72 0.54 0.00	33.36 0.63 0.00	37.38 0.71 0.00	36.02 0.80 0.00	40.84 1.02 0.00	27.92 0.87 0.00	26.23 0.70 0.00	25.62 0.73 0.00
REYNOLDS_115KV_TB3 80639	21.08 0.07 0.00	21.20 0.10 0.00	20.58 0.08 0.00	19.84 0.08 0.00	22.72 0.07 0.00	24.57 0.04 0.00	23.66 0.02 0.00	20.15 0.09 0.00	17.15 0.12 0.00	18.63 0.12 0.00	15.20 0.12 0.00	15.26 0.14 0.00	17.75 0.17 0.00	18.99 0.16 0.00	19.21 0.18 0.00	20.27 0.27 0.00	28.77 0.59 0.00	33.38 0.65 0.00	37.44 0.76 0.00	36.15 0.93 0.00	40.87 1.06 0.00	27.74 0.69 0.00	26.21 0.69 0.00	25.55 0.66 0.00
RIVERBAY____ 323610	22.02 1.00 0.00	22.05 0.95 0.00	21.37 0.87 0.00	20.60 0.83 0.00	23.52 0.87 0.00	25.59 1.06 0.00	24.70 1.06 0.00	21.17 1.11 0.00	18.11 1.07 0.00	19.70 1.19 0.00	16.08 1.01 0.00	16.17 1.05 0.00	18.82 1.24 0.00	20.15 1.32 0.00	20.43 1.40 0.00	21.51 1.51 0.00	30.30 2.11 0.00	35.13 2.41 0.00	39.14 2.47 0.00	37.46 2.24 0.00	42.33 2.52 0.00	28.81 1.76 0.00	27.24 1.72 0.00	26.53 1.64 0.00
RIVERSDE_115KV_TB3 55908	21.04 0.02 0.00	21.15 0.04 0.00	20.53 0.03 0.00	19.79 0.03 0.00	22.66 0.02 0.00	24.50 -0.02 0.00	23.61 -0.03 0.00	20.10 0.04 0.00	17.11 0.07 0.00	18.58 0.08 0.00	15.16 0.08 0.00	15.22 0.10 0.00	17.70 0.13 0.00	18.95 0.12 0.00	19.17 0.14 0.00	20.24 0.24 0.00	28.85 0.66 0.00	33.48 0.76 0.00	37.56 0.89 0.00	36.25 1.03 0.00	40.99 1.18 0.00	27.82 0.77 0.00	26.28 0.75 0.00	25.60 0.72 0.00
ROARING___BROOK_WT_PWR 323790	21.07 0.06 0.00	21.18 0.08 0.00	20.59 0.08 0.00	19.84 0.08 0.00	22.73 0.09 0.00	24.61 0.09 0.00	23.71 0.08 0.00	20.12 0.06 0.00	17.07 0.03 0.00	18.55 0.05 0.00	15.11 0.03 0.00	15.14 0.02 0.00	17.59 0.02 0.00	18.84 0.01 0.00	19.05 0.02 0.00	20.03 0.03 0.00	28.24 0.06 0.00	32.80 0.07 0.00	36.78 0.11 0.00	35.43 0.21 0.00	40.10 0.28 0.00	27.31 0.26 0.00	25.72 0.20 0.00	25.10 0.21 0.00

ROCHESRG_115KV_T4 355643	20.73 -0.29 0.00	20.88 -0.22 0.00	20.30 -0.20 0.00	19.62 -0.14 0.00	22.56 -0.09 0.00	24.45 -0.07 0.00	23.49 -0.14 0.00	19.74 -0.33 0.00	16.67 -0.37 0.00	18.14 -0.37 0.00	14.76 -0.32 0.00	14.78 -0.34 0.00	17.20 -0.38 0.00	18.45 -0.37 0.00	18.59 -0.43 0.00	19.53 -0.47 0.00	27.48 -0.70 0.00	31.76 -0.96 0.00	35.82 -0.85 0.00	34.72 -0.50 0.00	39.19 -0.62 0.00	26.70 -0.35 0.00	25.11 -0.41 0.00	24.58 -0.30 0.00
ROCHESTER_9_IC 23652	20.83 -0.18 0.00	20.98 -0.12 0.00	20.39 -0.12 0.00	19.71 -0.05 0.00	22.65 0.00 0.00	24.55 0.03 0.00	23.59 -0.04 0.00	19.81 -0.24 0.00	16.74 -0.30 0.00	18.21 -0.30 0.00	14.82 -0.26 0.00	14.84 -0.28 0.00	17.27 -0.31 0.00	18.54 -0.28 0.00	18.68 -0.35 0.00	19.62 -0.37 0.00	27.62 -0.56 0.00	31.95 -0.78 0.00	36.05 -0.62 0.00	34.93 -0.29 0.00	39.44 -0.37 0.00	26.86 -0.19 0.00	25.25 -0.28 0.00	24.71 -0.17 0.00
ROCKVIEW_13_KV_LD 356306	21.57 0.56 0.00	21.59 0.49 0.00	20.93 0.42 0.00	20.17 0.41 0.00	23.05 0.40 0.00	24.96 0.44 0.00	24.06 0.42 0.00	20.58 0.52 0.00	17.66 0.63 0.00	19.21 0.71 0.00	15.69 0.61 0.00	15.78 0.66 0.00	18.39 0.81 0.00	19.70 0.88 0.00	19.97 0.94 0.00	21.04 1.04 0.00	29.62 1.43 0.00	34.27 1.55 0.00	38.25 1.58 0.00	36.73 1.51 0.00	41.45 1.64 0.00	28.20 1.15 0.00	26.68 1.16 0.00	25.99 1.10 0.00
ROME____115KV_TB2 80656	21.60 0.59 0.00	21.66 0.56 0.00	21.02 0.52 0.00	20.27 0.51 0.00	23.24 0.59 0.00	25.19 0.67 0.00	24.28 0.65 0.00	20.54 0.48 0.00	17.27 0.24 0.00	18.66 0.15 0.00	15.16 0.08 0.00	15.19 0.07 0.00	17.68 0.10 0.00	18.97 0.14 0.00	19.20 0.17 0.00	20.23 0.23 0.00	28.56 0.38 0.00	33.36 0.63 0.00	37.77 1.10 0.00	36.64 1.42 0.00	41.42 1.61 0.00	28.10 1.05 0.00	26.44 0.91 0.00	25.72 0.83 0.00
ROSETON____1 23587	21.26 0.25 0.00	21.31 0.21 0.00	20.67 0.16 0.00	19.92 0.16 0.00	22.79 0.14 0.00	24.69 0.16 0.00	23.79 0.15 0.00	20.29 0.23 0.00	17.34 0.30 0.00	18.85 0.34 0.00	15.38 0.30 0.00	15.46 0.33 0.00	18.00 0.42 0.00	19.29 0.47 0.00	19.53 0.50 0.00	20.56 0.56 0.00	28.97 0.78 0.00	33.57 0.84 0.00	37.56 0.89 0.00	36.12 0.90 0.00	40.77 0.95 0.00	27.72 0.67 0.00	26.21 0.68 0.00	25.55 0.66 0.00
ROSETON____2 23588	21.26 0.25 0.00	21.31 0.21 0.00	20.67 0.16 0.00	19.92 0.16 0.00	22.79 0.14 0.00	24.69 0.16 0.00	23.79 0.15 0.00	20.29 0.23 0.00	17.34 0.30 0.00	18.85 0.34 0.00	15.38 0.30 0.00	15.46 0.33 0.00	18.00 0.42 0.00	19.29 0.47 0.00	19.53 0.50 0.00	20.56 0.56 0.00	28.97 0.78 0.00	33.57 0.84 0.00	37.56 0.89 0.00	36.12 0.90 0.00	40.77 0.95 0.00	27.72 0.67 0.00	26.21 0.68 0.00	25.55 0.66 0.00
ROTRTDAM_115KV_TB3 80664	21.33 0.32 0.00	21.42 0.32 0.00	20.80 0.30 0.00	20.04 0.28 0.00	22.97 0.32 0.00	24.86 0.34 0.00	23.95 0.31 0.00	20.34 0.29 0.00	17.26 0.23 0.00	18.72 0.22 0.00	15.24 0.17 0.00	15.29 0.17 0.00	17.79 0.21 0.00	19.06 0.23 0.00	19.31 0.28 0.00	20.32 0.32 0.00	28.62 0.44 0.00	33.36 0.63 0.00	37.45 0.78 0.00	36.16 0.94 0.00	40.86 1.05 0.00	27.73 0.68 0.00	26.18 0.65 0.00	25.50 0.61 0.00
RUSSELL____1 23602	20.91 -0.10 0.00	21.05 -0.05 0.00	20.47 -0.04 0.00	19.77 0.01 0.00	22.73 0.08 0.00	24.64 0.11 0.00	23.67 0.04 0.00	19.88 -0.18 0.00	16.79 -0.24 0.00	18.27 -0.24 0.00	14.87 -0.21 0.00	14.90 -0.22 0.00	17.34 -0.24 0.00	18.62 -0.20 0.00	18.76 -0.27 0.00	19.72 -0.28 0.00	27.76 -0.43 0.00	32.12 -0.61 0.00	36.26 -0.41 0.00	35.14 -0.08 0.00	39.65 -0.16 0.00	27.00 -0.05 0.00	25.37 -0.15 0.00	24.82 -0.07 0.00
RUSSELL____2 23532	20.91 -0.10 0.00	21.05 -0.05 0.00	20.47 -0.04 0.00	19.77 0.01 0.00	22.73 0.08 0.00	24.64 0.11 0.00	23.67 0.04 0.00	19.88 -0.18 0.00	16.79 -0.24 0.00	18.27 -0.24 0.00	14.87 -0.21 0.00	14.90 -0.22 0.00	17.34 -0.24 0.00	18.62 -0.20 0.00	18.76 -0.27 0.00	19.72 -0.28 0.00	27.76 -0.43 0.00	32.12 -0.61 0.00	36.26 -0.41 0.00	35.14 -0.08 0.00	39.65 -0.16 0.00	27.00 -0.05 0.00	25.37 -0.15 0.00	24.82 -0.07 0.00
RUSSELL____3 23549	20.91 -0.10 0.00	21.05 -0.05 0.00	20.47 -0.04 0.00	19.77 0.01 0.00	22.73 0.08 0.00	24.64 0.11 0.00	23.67 0.04 0.00	19.88 -0.18 0.00	16.79 -0.24 0.00	18.27 -0.24 0.00	14.87 -0.21 0.00	14.90 -0.22 0.00	17.34 -0.24 0.00	18.62 -0.20 0.00	18.76 -0.27 0.00	19.72 -0.28 0.00	27.76 -0.43 0.00	32.12 -0.61 0.00	36.26 -0.41 0.00	35.14 -0.08 0.00	39.65 -0.16 0.00	27.00 -0.05 0.00	25.37 -0.15 0.00	24.82 -0.07 0.00
RUSSELL____4 23556	20.91 -0.10 0.00	21.05 -0.05 0.00	20.47 -0.04 0.00	19.77 0.01 0.00	22.73 0.08 0.00	24.64 0.11 0.00	23.67 0.04 0.00	19.88 -0.18 0.00	16.79 -0.24 0.00	18.27 -0.24 0.00	14.87 -0.21 0.00	14.90 -0.22 0.00	17.34 -0.24 0.00	18.62 -0.20 0.00	18.76 -0.27 0.00	19.72 -0.28 0.00	27.76 -0.43 0.00	32.12 -0.61 0.00	36.26 -0.41 0.00	35.14 -0.08 0.00	39.65 -0.16 0.00	27.00 -0.05 0.00	25.37 -0.15 0.00	24.82 -0.07 0.00
RUSSELL____STATION 23914	20.91 -0.10 0.00	21.05 -0.05 0.00	20.47 -0.04 0.00	19.77 0.01 0.00	22.73 0.08 0.00	24.64 0.11 0.00	23.67 0.04 0.00	19.88 -0.18 0.00	16.79 -0.24 0.00	18.27 -0.24 0.00	14.87 -0.21 0.00	14.90 -0.22 0.00	17.34 -0.24 0.00	18.62 -0.20 0.00	18.76 -0.27 0.00	19.72 -0.28 0.00	27.76 -0.43 0.00	32.12 -0.61 0.00	36.26 -0.41 0.00	35.14 -0.08 0.00	39.65 -0.16 0.00	27.00 -0.05 0.00	25.37 -0.15 0.00	24.82 -0.07 0.00
S SALMON____HYD 24043	21.04 0.02 0.00	21.13 0.03 0.00	20.51 0.00 0.00	19.78 0.02 0.00	22.67 0.02 0.00	24.56 0.03 0.00	23.65 0.02 0.00	20.01 -0.06 0.00	16.89 -0.14 0.00	18.24 -0.26 0.00	14.82 -0.26 0.00	14.84 -0.28 0.00	17.23 -0.35 0.00	18.47 -0.35 0.00	18.67 -0.36 0.00	19.59 -0.41 0.00	27.59 -0.59 0.00	32.05 -0.67 0.00	36.37 -0.30 0.00	35.35 0.13 0.00	40.06 0.24 0.00	27.20 0.15 0.00	25.66 0.14 0.00	24.98 0.10 0.00
S.PERRY__115KV_TB1 80734	21.35 0.33 0.00	21.49 0.39 0.00	20.90 0.39 0.00	20.22 0.46 0.00	23.26 0.61 0.00	25.27 0.74 0.00	24.29 0.65 0.00	20.32 0.26 0.00	16.95 -0.08 0.00	18.29 -0.22 0.00	14.87 -0.21 0.00	14.88 -0.24 0.00	17.33 -0.25 0.00	18.61 -0.21 0.00	18.75 -0.28 0.00	19.72 -0.28 0.00	27.81 -0.37 0.00	32.20 -0.52 0.00	36.57 -0.10 0.00	35.94 0.72 0.00	40.69 0.87 0.00	27.67 0.62 0.00	26.00 0.48 0.00	25.41 0.53 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	20.61 -0.40 0.00	20.82 -0.28 0.00	20.26 -0.24 0.00	19.63 -0.12 0.00	22.62 -0.03 0.00	24.54 0.01 0.00	23.52 -0.11 0.00	19.61 -0.45 0.00	16.54 -0.49 0.00	18.05 -0.45 0.00	14.69 -0.39 0.00	14.69 -0.43 0.00	17.08 -0.49 0.00	18.32 -0.51 0.00	18.41 -0.61 0.00	19.35 -0.65 0.00	27.17 -1.01 0.00	31.25 -1.47 0.00	35.20 -1.47 0.00	34.24 -0.98 0.00	38.58 -1.23 0.00	26.38 -0.67 0.00	24.82 -0.70 0.00	24.43 -0.45 0.00

SAWYER___23_KV_LOAD 55526	20.61 -0.40 0.00	20.82 -0.28 0.00	20.26 -0.24 0.00	19.63 -0.12 0.00	22.62 -0.03 0.00	24.54 0.01 0.00	23.52 -0.11 0.00	19.61 -0.45 0.00	16.54 -0.49 0.00	18.05 -0.45 0.00	14.69 -0.39 0.00	14.69 -0.43 0.00	17.08 -0.49 0.00	18.32 -0.51 0.00	18.41 -0.61 0.00	19.35 -0.65 0.00	27.17 -1.01 0.00	31.25 -1.47 0.00	35.20 -1.47 0.00	34.24 -0.98 0.00	38.58 -1.23 0.00	26.38 -0.67 0.00	24.82 -0.70 0.00	24.43 -0.45 0.00
SELKIRK___I 23801	21.16 0.14 0.00	21.26 0.16 0.00	20.65 0.15 0.00	19.92 0.16 0.00	22.81 0.16 0.00	24.69 0.16 0.00	23.77 0.14 0.00	20.18 0.12 0.00	17.10 0.06 0.00	18.54 0.04 0.00	15.12 0.05 0.00	15.18 0.06 0.00	17.66 0.08 0.00	18.90 0.07 0.00	19.13 0.10 0.00	20.16 0.16 0.00	28.64 0.46 0.00	33.32 0.59 0.00	37.49 0.82 0.00	36.22 1.00 0.00	40.94 1.13 0.00	27.79 0.74 0.00	26.24 0.72 0.00	25.57 0.69 0.00
SELKIRK___II 23799	21.05 0.04 0.00	21.15 0.04 0.00	20.53 0.03 0.00	19.80 0.04 0.00	22.67 0.02 0.00	24.52 0.00 0.00	23.63 -0.01 0.00	20.11 0.05 0.00	17.11 0.08 0.00	18.59 0.08 0.00	15.17 0.09 0.00	15.22 0.10 0.00	17.71 0.13 0.00	18.95 0.12 0.00	19.18 0.15 0.00	20.21 0.21 0.00	28.72 0.54 0.00	33.33 0.61 0.00	37.40 0.73 0.00	36.07 0.85 0.00	40.78 0.97 0.00	27.69 0.64 0.00	26.15 0.63 0.00	25.48 0.59 0.00
SENECA OSWGO___HYD 24041	20.55 -0.46 0.00	20.65 -0.45 0.00	20.06 -0.45 0.00	19.35 -0.41 0.00	22.18 -0.47 0.00	24.02 -0.51 0.00	23.14 -0.50 0.00	19.61 -0.45 0.00	16.64 -0.39 0.00	18.05 -0.46 0.00	14.69 -0.38 0.00	14.73 -0.39 0.00	17.15 -0.43 0.00	18.38 -0.45 0.00	18.53 -0.50 0.00	19.43 -0.57 0.00	27.32 -0.86 0.00	31.72 -1.00 0.00	35.74 -0.93 0.00	34.52 -0.70 0.00	39.05 -0.76 0.00	26.52 -0.53 0.00	25.00 -0.52 0.00	24.38 -0.51 0.00
SENECA___115KV_TB3 355854	20.71 -0.31 0.00	20.91 -0.19 0.00	20.35 -0.15 0.00	19.71 -0.05 0.00	22.70 0.05 0.00	24.65 0.13 0.00	23.65 0.01 0.00	19.72 -0.34 0.00	16.64 -0.40 0.00	18.13 -0.38 0.00	14.74 -0.33 0.00	14.75 -0.37 0.00	17.16 -0.42 0.00	18.39 -0.43 0.00	18.50 -0.53 0.00	19.45 -0.55 0.00	27.32 -0.86 0.00	31.46 -1.26 0.00	35.46 -1.21 0.00	34.51 -0.70 0.00	38.89 -0.92 0.00	26.55 -0.50 0.00	24.97 -0.55 0.00	24.57 -0.32 0.00
SENECA___ENERGY 23797	20.75 -0.27 0.00	20.87 -0.23 0.00	20.28 -0.22 0.00	19.56 -0.20 0.00	22.46 -0.19 0.00	24.38 -0.14 0.00	23.47 -0.16 0.00	19.81 -0.25 0.00	16.73 -0.30 0.00	18.09 -0.42 0.00	14.70 -0.38 0.00	14.74 -0.38 0.00	17.16 -0.38 0.00	18.39 -0.42 0.00	18.56 -0.46 0.00	19.51 -0.50 0.00	27.49 -0.69 0.00	31.89 -0.84 0.00	35.98 -0.69 0.00	35.00 -0.22 0.00	39.48 -0.33 0.00	26.88 -0.17 0.00	25.29 -0.24 0.00	24.66 -0.22 0.00
SHOEMAKER___GT 23640	21.26 0.25 0.00	21.30 0.20 0.00	20.66 0.16 0.00	19.92 0.16 0.00	22.79 0.14 0.00	24.69 0.16 0.00	23.80 0.16 0.00	20.28 0.22 0.00	17.30 0.27 0.00	18.78 0.27 0.00	15.31 0.23 0.00	15.38 0.26 0.00	17.92 0.33 0.00	19.20 0.38 0.00	19.44 0.41 0.00	20.47 0.47 0.00	28.86 0.67 0.00	33.48 0.76 0.00	37.51 0.84 0.00	36.10 0.88 0.00	40.75 0.94 0.00	27.70 0.65 0.00	26.18 0.66 0.00	25.52 0.63 0.00
SHOEMAKR_138KV_BK 111 55601	21.25 0.24 0.00	21.30 0.20 0.00	20.66 0.15 0.00	19.91 0.15 0.00	22.78 0.13 0.00	24.68 0.16 0.00	23.79 0.15 0.00	20.27 0.22 0.00	17.31 0.27 0.00	18.80 0.29 0.00	15.32 0.25 0.00	15.39 0.28 0.00	17.94 0.36 0.00	19.22 0.39 0.00	19.46 0.43 0.00	20.49 0.49 0.00	28.89 0.70 0.00	33.50 0.77 0.00	37.51 0.84 0.00	36.09 0.87 0.00	40.74 0.93 0.00	27.70 0.65 0.00	26.17 0.65 0.00	25.51 0.63 0.00
SHOREHAM_IC_1 23715	21.36 0.34 0.00	21.27 0.17 0.00	20.61 0.10 0.00	19.80 0.04 0.00	22.52 -0.13 0.00	24.39 -0.14 0.00	23.51 -0.12 0.00	20.25 0.19 0.00	18.08 1.04 0.00	19.51 1.00 0.00	14.88 0.84 1.05	16.38 0.86 -0.40	19.13 0.99 -0.56	20.47 0.94 -0.71	23.04 1.00 -3.00	30.56 1.15 -9.42	39.47 1.62 -9.66	47.76 1.76 -13.28	38.28 1.91 0.30	37.89 1.66 -1.01	43.64 1.74 -2.09	30.96 1.21 -2.70	29.79 1.23 -3.04	29.30 1.22 -3.19
SHOREHAM_IC_2 23716	21.36 0.34 0.00	21.27 0.17 0.00	20.61 0.10 0.00	19.80 0.04 0.00	22.52 -0.13 0.00	24.39 -0.14 0.00	23.51 -0.12 0.00	20.24 0.18 0.00	18.08 1.04 0.00	19.51 1.00 0.00	14.88 0.84 1.05	16.38 0.86 -0.40	19.13 0.99 -0.56	20.47 0.94 -0.71	23.03 0.99 -3.00	30.56 1.14 -9.42	39.45 1.60 -9.66	47.73 1.73 -13.28	38.29 1.92 0.30	37.90 1.67 -1.01	43.64 1.74 -2.09	30.96 1.21 -2.70	29.79 1.23 -3.04	29.30 1.22 -3.19
SISSONVILLE____ 23735	21.85 0.83 0.00	21.93 0.83 0.00	21.34 0.84 0.00	20.54 0.78 0.00	23.56 0.91 0.00	25.52 1.00 0.00	24.60 0.97 0.00	20.83 0.77 0.00	17.49 0.46 0.00	18.95 0.44 0.00	15.40 0.32 0.00	15.40 0.28 0.00	17.85 0.27 0.00	19.11 0.28 0.00	19.33 0.30 0.00	20.32 0.32 0.00	28.72 0.54 0.00	33.43 0.70 0.00	37.65 0.97 0.00	36.49 1.28 0.00	41.48 1.67 0.00	28.31 1.26 0.00	26.56 1.04 0.00	25.93 1.04 0.00
SITHE_IND_GS1 24169	20.35 -0.66 0.00	20.45 -0.65 0.00	19.87 -0.63 0.00	19.17 -0.59 0.00	21.96 -0.69 0.00	23.79 -0.73 0.00	22.92 -0.72 0.00	19.43 -0.63 0.00	16.51 -0.53 0.00	17.92 -0.58 0.00	14.59 -0.48 0.00	14.63 -0.49 0.00	17.02 -0.56 0.00	18.23 -0.60 0.00	18.39 -0.64 0.00	19.28 -0.72 0.00	27.06 -1.12 0.00	31.41 -1.32 0.00	35.30 -1.38 0.00	34.05 -1.17 0.00	38.52 -1.29 0.00	26.18 -0.87 0.00	24.69 -0.84 0.00	24.09 -0.80 0.00
SITHE_IND_GS2 24170	20.35 -0.66 0.00	20.45 -0.65 0.00	19.87 -0.63 0.00	19.17 -0.59 0.00	21.96 -0.69 0.00	23.79 -0.73 0.00	22.92 -0.72 0.00	19.43 -0.63 0.00	16.51 -0.53 0.00	17.92 -0.58 0.00	14.59 -0.48 0.00	14.63 -0.49 0.00	17.02 -0.56 0.00	18.23 -0.60 0.00	18.39 -0.64 0.00	19.28 -0.72 0.00	27.06 -1.12 0.00	31.41 -1.32 0.00	35.30 -1.38 0.00	34.05 -1.17 0.00	38.52 -1.29 0.00	26.18 -0.87 0.00	24.69 -0.84 0.00	24.09 -0.80 0.00
SITHE_IND_GS3 24171	20.35 -0.66 0.00	20.45 -0.65 0.00	19.87 -0.63 0.00	19.17 -0.59 0.00	21.96 -0.69 0.00	23.79 -0.73 0.00	22.92 -0.72 0.00	19.43 -0.63 0.00	16.51 -0.53 0.00	17.92 -0.58 0.00	14.59 -0.48 0.00	14.63 -0.49 0.00	17.02 -0.56 0.00	18.23 -0.60 0.00	18.39 -0.64 0.00	19.28 -0.72 0.00	27.06 -1.12 0.00	31.41 -1.32 0.00	35.30 -1.38 0.00	34.05 -1.17 0.00	38.52 -1.29 0.00	26.18 -0.87 0.00	24.69 -0.84 0.00	24.09 -0.80 0.00
SITHE_IND_GS4 24172	20.35 -0.66 0.00	20.45 -0.65 0.00	19.87 -0.63 0.00	19.17 -0.59 0.00	21.96 -0.69 0.00	23.79 -0.73 0.00	22.92 -0.72 0.00	19.43 -0.63 0.00	16.51 -0.53 0.00	17.92 -0.58 0.00	14.59 -0.48 0.00	14.63 -0.49 0.00	17.02 -0.56 0.00	18.23 -0.60 0.00	18.39 -0.64 0.00	19.28 -0.72 0.00	27.06 -1.12 0.00	31.41 -1.32 0.00	35.30 -1.38 0.00	34.05 -1.17 0.00	38.52 -1.29 0.00	26.18 -0.87 0.00	24.69 -0.84 0.00	24.09 -0.80 0.00

SITHE___BATAVIA 24024	21.10 0.09 0.00	21.26 0.16 0.00	20.68 0.18 0.00	20.02 0.26 0.00	23.04 0.39 0.00	25.01 0.48 0.00	24.00 0.37 0.00	20.02 -0.04 0.00	16.81 -0.22 0.00	18.21 -0.30 0.00	14.76 -0.31 0.00	14.76 -0.36 0.00	17.23 -0.35 0.00	18.46 -0.36 0.00	18.59 -0.43 0.00	19.61 -0.40 0.00	27.51 -0.67 0.00	31.83 -0.90 0.00	36.03 -0.64 0.00	35.23 0.01 0.00	39.81 0.00 0.00	27.15 0.10 0.00	25.48 -0.05 0.00	25.03 0.14 0.00
SITHE___INDEPEND 23800	20.35 -0.66 0.00	20.45 -0.65 0.00	19.87 -0.63 0.00	19.17 -0.59 0.00	21.96 -0.69 0.00	23.79 -0.73 0.00	22.92 -0.72 0.00	19.43 -0.63 0.00	16.51 -0.53 0.00	17.92 -0.58 0.00	14.59 -0.48 0.00	14.63 -0.48 0.00	17.02 -0.56 0.00	18.23 -0.60 0.00	18.39 -0.64 0.00	19.28 -0.72 0.00	27.07 -1.12 0.00	31.41 -1.32 0.00	35.30 -1.38 0.00	34.05 -1.17 0.00	38.52 -1.29 0.00	26.18 -0.87 0.00	24.69 -0.84 0.00	24.09 -0.80 0.00
SITHE___MASSENA 23902	21.67 0.65 0.00	21.76 0.66 0.00	21.18 0.67 0.00	20.39 0.63 0.00	23.38 0.73 0.00	25.32 0.80 0.00	24.41 0.77 0.00	20.68 0.62 0.00	17.45 0.42 0.00	18.96 0.45 0.00	15.42 0.35 0.00	15.43 0.32 0.00	17.91 0.33 0.00	19.18 0.35 0.00	19.39 0.36 0.00	20.38 0.39 0.00	28.78 0.59 0.00	33.44 0.71 0.00	37.49 0.82 0.00	36.19 0.97 0.00	41.04 1.23 0.00	28.06 1.01 0.00	26.34 0.82 0.00	25.73 0.85 0.00
SITHE___OGDNSBRG 24021	22.14 1.12 0.00	22.22 1.12 0.00	21.62 1.12 0.00	20.82 1.06 0.00	23.87 1.23 0.00	25.87 1.34 0.00	24.94 1.31 0.00	21.08 1.02 0.00	17.59 0.56 0.00	19.04 0.53 0.00	15.48 0.40 0.00	15.48 0.36 0.00	17.94 0.36 0.00	19.22 0.40 0.00	19.44 0.41 0.00	20.44 0.44 0.00	28.87 0.69 0.00	33.61 0.88 0.00	37.89 1.22 0.00	36.96 1.74 0.00	42.04 2.23 0.00	28.70 1.65 0.00	26.92 1.40 0.00	26.26 1.38 0.00
SITHE___STERLING 23777	21.35 0.33 0.00	21.43 0.32 0.00	20.81 0.31 0.00	20.06 0.30 0.00	22.99 0.34 0.00	24.92 0.40 0.00	24.02 0.39 0.00	20.33 0.27 0.00	17.13 0.10 0.00	18.54 0.04 0.00	15.08 0.00 0.00	15.12 0.00 0.00	17.60 0.02 0.00	18.87 0.05 0.00	19.10 0.07 0.00	20.10 0.10 0.00	28.35 0.17 0.00	33.05 0.32 0.00	37.32 0.65 0.00	36.17 0.95 0.00	40.90 1.09 0.00	27.76 0.71 0.00	26.13 0.61 0.00	25.44 0.55 0.00
SLEIGHT__34_KV_TB1 80719	20.68 -0.33 0.00	20.81 -0.29 0.00	20.22 -0.29 0.00	19.51 -0.25 0.00	22.41 -0.24 0.00	24.31 -0.22 0.00	23.37 -0.26 0.00	19.70 -0.36 0.00	16.63 -0.40 0.00	18.01 -0.49 0.00	14.64 -0.43 0.00	14.68 -0.43 0.00	17.09 -0.49 0.00	18.34 -0.52 0.00	18.51 -0.52 0.00	19.45 -0.55 0.00	27.35 -0.83 0.00	31.75 -0.98 0.00	35.86 -0.81 0.00	34.81 -0.41 0.00	39.30 -0.51 0.00	26.73 -0.32 0.00	25.13 -0.39 0.00	24.55 -0.34 0.00
SMITHTWN_69_KV_BK 1 55830	21.66 0.64 0.00	21.57 0.47 0.00	20.90 0.40 0.00	20.09 0.33 0.00	22.89 0.24 0.00	24.79 0.26 0.00	23.90 0.27 0.00	20.53 0.47 0.00	18.01 0.97 0.00	19.50 1.00 0.00	15.00 0.94 1.01	16.55 1.00 -0.44	19.35 1.18 -0.59	20.79 1.22 -0.75	23.43 1.29 -3.11	31.00 1.44 -9.56	39.97 1.99 -9.80	48.31 2.13 -13.46	38.89 2.32 0.10	38.46 2.06 -1.18	44.16 2.18 -2.17	31.38 1.52 -2.81	30.23 1.54 -3.16	29.76 1.55 -3.33
SOUTH CAIRO___GT 23612	21.58 0.57 0.00	21.66 0.56 0.00	21.02 0.51 0.00	20.26 0.50 0.00	23.20 0.55 0.00	25.12 0.60 0.00	24.21 0.57 0.00	20.60 0.54 0.00	17.39 0.36 0.00	18.76 0.26 0.00	15.25 0.18 0.00	15.32 0.20 0.00	17.80 0.22 0.00	19.09 0.27 0.00	19.37 0.34 0.00	20.39 0.39 0.00	29.22 1.03 0.00	34.04 1.32 0.00	38.55 1.88 0.00	37.51 2.29 0.00	42.44 2.63 0.00	28.72 1.67 0.00	27.05 1.53 0.00	26.27 1.39 0.00
SOUTH HAMPTN___IC 23720	21.68 0.66 0.00	21.59 0.49 0.00	20.94 0.44 0.00	20.11 0.35 0.00	22.86 0.21 0.00	24.76 0.24 0.00	23.88 0.25 0.00	20.56 0.49 0.00	18.30 1.27 0.00	19.82 1.31 0.00	15.16 1.14 1.06	16.69 1.19 -0.38	19.51 1.37 -0.55	20.89 1.37 -0.69	23.46 1.46 -2.97	30.99 1.62 -9.37	40.14 2.33 -9.62	48.55 2.60 -13.23	39.14 2.83 0.36	38.71 2.53 -0.96	44.58 2.71 -2.06	31.54 1.83 -2.66	30.28 1.77 -3.00	29.76 1.72 -3.15
SOUTHDOWN_115KV_TB1 355954	21.01 -0.01 0.00	21.23 0.13 0.00	20.67 0.16 0.00	20.02 0.25 0.00	23.08 0.44 0.00	25.12 0.60 0.00	24.14 0.50 0.00	20.14 0.08 0.00	17.04 0.01 0.00	18.56 0.05 0.00	15.07 -0.01 0.00	15.05 -0.06 0.00	17.54 -0.04 0.00	18.78 -0.04 0.00	18.86 -0.17 0.00	19.83 -0.17 0.00	27.87 -0.32 0.00	32.10 -0.62 0.00	36.22 -0.45 0.00	35.35 0.13 0.00	39.59 -0.22 0.00	26.89 -0.16 0.00	25.31 -0.21 0.00	24.87 -0.02 0.00
SOUTHOLD_69_KV_BK 2 55809	21.96 0.94 0.00	21.90 0.80 0.00	21.28 0.78 0.00	20.41 0.65 0.00	23.16 0.51 0.00	25.12 0.60 0.00	24.25 0.61 0.00	20.85 0.79 0.00	18.57 1.54 0.00	20.18 1.68 0.00	15.50 1.48 1.06	17.04 1.54 -0.38	19.92 1.79 -0.55	21.33 1.81 -0.69	23.91 1.91 -2.97	31.50 2.13 -9.37	40.88 3.08 -9.62	49.47 3.52 -13.23	40.20 3.89 0.36	39.69 3.51 -0.96	45.65 3.78 -2.06	32.24 2.52 -2.66	30.88 2.36 -3.00	30.30 2.26 -3.15
SOUTHOLD___IC 23719	21.96 0.94 0.00	21.90 0.80 0.00	21.28 0.78 0.00	20.41 0.65 0.00	23.16 0.51 0.00	25.12 0.59 0.00	24.24 0.61 0.00	20.86 0.80 0.00	18.57 1.54 0.00	20.18 1.68 0.00	15.50 1.48 1.06	17.04 1.54 -0.38	19.92 1.78 -0.55	21.33 1.81 -0.69	23.92 1.92 -2.97	31.51 2.13 -9.37	40.91 3.10 -9.62	49.51 3.56 -13.23	40.20 3.89 0.36	39.68 3.50 -0.96	45.65 3.78 -2.06	32.24 2.52 -2.66	30.88 2.36 -3.00	30.30 2.27 -3.15
SOUTH_FORK_WT_PWR 323839	21.94 0.93 0.00	21.92 0.82 0.00	21.33 0.83 0.00	20.44 0.68 0.00	23.17 0.52 0.00	25.15 0.62 0.00	24.28 0.65 0.00	20.87 0.81 0.00	18.59 1.56 0.00	20.24 1.74 0.00	15.56 1.54 1.06	17.12 1.62 -0.38	20.00 1.87 -0.55	21.41 1.90 -0.69	24.00 2.00 -2.97	31.59 2.22 -9.37	41.04 3.24 -9.62	49.66 3.71 -13.23	40.37 4.06 0.36	39.85 3.67 -0.96	45.84 3.97 -2.06	32.37 2.66 -2.66	30.98 2.46 -3.00	30.40 2.37 -3.15
SPIERFLS_115KV_TB 1 80737	22.00 0.99 0.00	22.10 1.00 0.00	21.45 0.94 0.00	20.66 0.90 0.00	23.70 1.06 0.00	25.65 1.13 0.00	24.72 1.09 0.00	20.99 0.93 0.00	17.77 0.73 0.00	19.17 0.66 0.00	15.48 0.40 0.00	15.52 0.40 0.00	18.07 0.49 0.00	19.32 0.49 0.00	19.58 0.55 0.00	20.68 0.68 0.00	29.28 1.09 0.00	34.51 1.78 0.00	38.97 2.30 0.00	37.89 2.67 0.00	42.79 2.98 0.00	28.88 1.83 0.00	27.24 1.71 0.00	26.47 1.59 0.00
ST LAWRENCE____ 23600	21.31 0.29 0.00	21.39 0.29 0.00	20.82 0.32 0.00	20.05 0.29 0.00	22.99 0.34 0.00	24.89 0.36 0.00	24.00 0.37 0.00	20.34 0.28 0.00	17.21 0.18 0.00	18.72 0.21 0.00	15.23 0.15 0.00	15.25 0.13 0.00	17.70 0.12 0.00	18.96 0.14 0.00	19.16 0.13 0.00	20.15 0.15 0.00	28.43 0.25 0.00	33.00 0.27 0.00	36.97 0.29 0.00	35.62 0.40 0.00	40.38 0.57 0.00	27.61 0.56 0.00	25.93 0.41 0.00	25.34 0.45 0.00

STATE_CA_115KV_115_LB 55624	21.07 0.06 0.00	21.17 0.07 0.00	20.56 0.05 0.00	19.82 0.06 0.00	22.69 0.04 0.00	24.54 0.01 0.00	23.64 0.00 0.00	20.12 0.06 0.00	17.12 0.09 0.00	18.59 0.08 0.00	15.16 0.08 0.00	15.22 0.10 0.00	17.71 0.14 0.00	18.96 0.14 0.00	19.19 0.17 0.00	20.28 0.28 0.00	28.97 0.79 0.00	33.65 0.93 0.00	37.75 1.08 0.00	36.43 1.22 0.00	41.18 1.36 0.00	27.95 0.90 0.00	26.37 0.85 0.00	25.70 0.82 0.00
STATE_ST_34_KV_LOAD 55959	20.95 -0.06 0.00	21.08 -0.02 0.00	20.47 -0.03 0.00	19.68 -0.07 0.00	22.58 -0.07 0.00	24.54 0.01 0.00	23.59 -0.05 0.00	19.99 -0.07 0.00	16.92 -0.11 0.00	18.25 -0.26 0.00	14.82 -0.25 0.00	14.90 -0.22 0.00	17.32 -0.26 0.00	18.56 -0.26 0.00	18.72 -0.31 0.00	19.68 -0.32 0.00	27.70 -0.49 0.00	32.31 -0.41 0.00	36.32 -0.35 0.00	35.30 0.08 0.00	39.90 0.09 0.00	27.11 0.06 0.00	25.52 -0.01 0.00	24.88 0.00 0.00
STATION_5_MISC_HYD 23604	20.83 -0.19 0.00	20.98 -0.12 0.00	20.39 -0.11 0.00	19.71 -0.05 0.00	22.65 0.00 0.00	24.55 0.03 0.00	23.59 -0.04 0.00	19.80 -0.26 0.00	16.74 -0.30 0.00	18.21 -0.30 0.00	14.82 -0.26 0.00	14.84 -0.28 0.00	17.28 -0.30 0.00	18.54 -0.28 0.00	18.68 -0.35 0.00	19.63 -0.37 0.00	27.62 -0.56 0.00	31.96 -0.76 0.00	36.05 -0.62 0.00	34.94 -0.28 0.00	39.44 -0.38 0.00	26.86 -0.19 0.00	25.25 -0.28 0.00	24.71 -0.17 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	20.76 -0.26 0.00	20.89 -0.21 0.00	20.30 -0.21 0.00	19.60 -0.15 0.00	22.52 -0.12 0.00	24.43 -0.10 0.00	23.49 -0.14 0.00	19.78 -0.28 0.00	16.72 -0.32 0.00	18.13 -0.37 0.00	14.74 -0.34 0.00	14.77 -0.35 0.00	17.18 -0.40 0.00	18.45 -0.37 0.00	18.60 -0.42 0.00	19.55 -0.45 0.00	27.53 -0.65 0.00	31.91 -0.82 0.00	36.02 -0.65 0.00	34.94 -0.28 0.00	39.43 -0.39 0.00	26.83 -0.21 0.00	25.23 -0.29 0.00	24.65 -0.24 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	20.71 -0.30 0.00	20.86 -0.24 0.00	20.27 -0.24 0.00	19.59 -0.17 0.00	22.51 -0.13 0.00	24.40 -0.12 0.00	23.46 -0.18 0.00	19.71 -0.35 0.00	16.65 -0.38 0.00	18.12 -0.39 0.00	14.74 -0.34 0.00	14.77 -0.35 0.00	17.19 -0.39 0.00	18.45 -0.37 0.00	18.59 -0.44 0.00	19.53 -0.47 0.00	27.49 -0.69 0.00	31.81 -0.92 0.00	35.90 -0.77 0.00	34.77 -0.45 0.00	39.24 -0.57 0.00	26.71 -0.33 0.00	25.12 -0.40 0.00	24.58 -0.31 0.00
STA_56___34_KV_BUS2 355983	20.71 -0.30 0.00	20.86 -0.24 0.00	20.27 -0.24 0.00	19.59 -0.17 0.00	22.51 -0.13 0.00	24.40 -0.12 0.00	23.46 -0.18 0.00	19.71 -0.35 0.00	16.65 -0.38 0.00	18.12 -0.39 0.00	14.74 -0.34 0.00	14.77 -0.35 0.00	17.19 -0.39 0.00	18.45 -0.37 0.00	18.59 -0.44 0.00	19.53 -0.47 0.00	27.49 -0.69 0.00	31.81 -0.92 0.00	35.90 -0.77 0.00	34.77 -0.45 0.00	39.24 -0.57 0.00	26.71 -0.33 0.00	25.12 -0.40 0.00	24.58 -0.31 0.00
STA_67___115KV_BK2 355882	20.79 -0.22 0.00	20.94 -0.16 0.00	20.36 -0.15 0.00	19.68 -0.08 0.00	22.62 -0.03 0.00	24.52 0.00 0.00	23.55 -0.08 0.00	19.78 -0.28 0.00	16.71 -0.33 0.00	18.18 -0.33 0.00	14.79 -0.28 0.00	14.82 -0.30 0.00	17.24 -0.34 0.00	18.51 -0.32 0.00	18.64 -0.38 0.00	19.59 -0.41 0.00	27.57 -0.62 0.00	31.87 -0.85 0.00	35.95 -0.72 0.00	34.85 -0.36 0.00	39.34 -0.47 0.00	26.79 -0.26 0.00	25.20 -0.33 0.00	24.66 -0.22 0.00
STA_7___115KV_9TRANS 80674	20.91 -0.10 0.00	21.05 -0.05 0.00	20.47 -0.04 0.00	19.77 0.01 0.00	22.73 0.08 0.00	24.64 0.11 0.00	23.67 0.04 0.00	19.88 -0.18 0.00	16.79 -0.24 0.00	18.27 -0.24 0.00	14.87 -0.21 0.00	14.90 -0.22 0.00	17.34 -0.24 0.00	18.62 -0.20 0.00	18.76 -0.27 0.00	19.72 -0.28 0.00	27.76 -0.43 0.00	32.12 -0.61 0.00	36.26 -0.41 0.00	35.14 -0.08 0.00	39.65 -0.16 0.00	27.00 -0.05 0.00	25.37 -0.15 0.00	24.82 -0.07 0.00
STA_82___115KV_TB1 80780	20.80 -0.22 0.00	20.95 -0.15 0.00	20.36 -0.14 0.00	19.68 -0.08 0.00	22.62 -0.02 0.00	24.52 0.00 0.00	23.56 -0.07 0.00	19.79 -0.27 0.00	16.71 -0.32 0.00	18.18 -0.33 0.00	14.79 -0.28 0.00	14.82 -0.30 0.00	17.24 -0.34 0.00	18.51 -0.32 0.00	18.64 -0.38 0.00	19.59 -0.41 0.00	27.57 -0.61 0.00	31.88 -0.84 0.00	35.96 -0.71 0.00	34.86 -0.36 0.00	39.36 -0.45 0.00	26.81 -0.24 0.00	25.20 -0.32 0.00	24.67 -0.22 0.00
STEEL___WIND 323596	20.69 -0.33 0.00	20.90 -0.20 0.00	20.33 -0.17 0.00	19.69 -0.06 0.00	22.67 0.02 0.00	24.63 0.11 0.00	23.63 -0.01 0.00	19.68 -0.38 0.00	16.62 -0.41 0.00	18.11 -0.40 0.00	14.72 -0.36 0.00	14.74 -0.38 0.00	17.15 -0.43 0.00	18.37 -0.46 0.00	18.47 -0.56 0.00	19.42 -0.58 0.00	27.28 -0.91 0.00	31.43 -1.30 0.00	35.41 -1.26 0.00	34.49 -0.73 0.00	38.86 -0.95 0.00	26.52 -0.53 0.00	24.95 -0.58 0.00	24.54 -0.34 0.00
STEPHTWN_115KV_BK_2 55603	21.15 0.14 0.00	21.23 0.12 0.00	20.60 0.10 0.00	19.87 0.10 0.00	22.77 0.12 0.00	24.61 0.09 0.00	23.72 0.08 0.00	20.20 0.14 0.00	17.16 0.12 0.00	18.64 0.14 0.00	15.18 0.10 0.00	15.25 0.13 0.00	17.78 0.19 0.00	19.01 0.18 0.00	19.21 0.18 0.00	20.35 0.35 0.00	29.04 0.86 0.00	33.73 1.01 0.00	37.88 1.21 0.00	36.52 1.30 0.00	41.24 1.43 0.00	28.01 0.96 0.00	26.47 0.94 0.00	25.75 0.87 0.00
STEUBEN_REC_LFGE 323667	20.76 -0.26 0.00	20.92 -0.18 0.00	20.36 -0.15 0.00	19.72 -0.03 0.00	22.72 0.07 0.00	24.70 0.17 0.00	23.74 0.10 0.00	19.83 -0.22 0.00	16.70 -0.34 0.00	18.07 -0.44 0.00	14.64 -0.43 0.00	14.63 -0.49 0.00	17.06 -0.51 0.00	18.30 -0.52 0.00	18.42 -0.61 0.00	19.39 -0.61 0.00	27.34 -0.84 0.00	31.62 -1.11 0.00	35.94 -0.73 0.00	35.11 -0.10 0.00	39.56 -0.25 0.00	26.80 -0.25 0.00	25.23 -0.30 0.00	24.71 -0.17 0.00
STILLWATER___SOLAR 323814	21.72 0.71 0.00	21.81 0.71 0.00	21.17 0.67 0.00	20.40 0.64 0.00	23.39 0.74 0.00	25.32 0.80 0.00	24.38 0.75 0.00	20.71 0.65 0.00	17.54 0.51 0.00	18.97 0.46 0.00	15.40 0.32 0.00	15.44 0.32 0.00	17.97 0.39 0.00	19.23 0.41 0.00	19.48 0.45 0.00	20.56 0.56 0.00	29.07 0.89 0.00	34.02 1.30 0.00	38.33 1.66 0.00	37.13 1.91 0.00	41.96 2.15 0.00	28.40 1.35 0.00	26.80 1.27 0.00	26.08 1.19 0.00
STONY___BROOK 24151	21.62 0.61 0.00	21.54 0.44 0.00	20.87 0.36 0.00	20.06 0.30 0.00	22.85 0.20 0.00	24.74 0.22 0.00	23.86 0.22 0.00	20.51 0.45 0.00	18.01 0.97 0.00	19.50 0.99 0.00	14.98 0.92 1.02	16.52 0.98 -0.42	19.31 1.16 -0.58	20.74 1.19 -0.73	23.36 1.25 -3.08	30.91 1.40 -9.51	39.88 1.95 -9.75	48.21 2.09 -13.39	38.74 2.24 0.17	38.32 1.98 -1.12	44.07 2.11 -2.15	31.30 1.48 -2.77	30.14 1.50 -3.12	29.69 1.52 -3.28
STURGEON_POOL_HYD 23609	21.38 0.36 0.00	21.41 0.31 0.00	20.77 0.26 0.00	20.01 0.25 0.00	22.88 0.24 0.00	24.79 0.26 0.00	23.89 0.26 0.00	20.40 0.34 0.00	17.46 0.42 0.00	18.99 0.49 0.00	15.50 0.42 0.00	15.58 0.46 0.00	18.15 0.57 0.00	19.44 0.61 0.00	19.67 0.64 0.00	20.71 0.71 0.00	29.14 0.95 0.00	33.78 1.06 0.00	37.79 1.11 0.00	36.30 1.09 0.00	40.98 1.17 0.00	27.87 0.82 0.00	26.33 0.81 0.00	25.65 0.76 0.00

ST_LAW_115_BK7_LBMP 345037	21.35 0.33 0.00	21.43 0.33 0.00	20.86 0.36 0.00	20.08 0.33 0.00	23.03 0.38 0.00	24.94 0.41 0.00	24.04 0.41 0.00	20.38 0.32 0.00	17.23 0.20 0.00	18.74 0.23 0.00	15.25 0.17 0.00	15.26 0.14 0.00	17.71 0.13 0.00	18.97 0.14 0.00	19.17 0.14 0.00	20.15 0.15 0.00	28.44 0.26 0.00	33.03 0.31 0.00	36.99 0.32 0.00	35.64 0.42 0.00	40.41 0.60 0.00	27.63 0.58 0.00	25.95 0.43 0.00	25.36 0.48 0.00
ST_LAW_115_BK8_LBMP 345038	21.35 0.33 0.00	21.43 0.33 0.00	20.86 0.36 0.00	20.08 0.33 0.00	23.03 0.38 0.00	24.94 0.41 0.00	24.04 0.41 0.00	20.38 0.32 0.00	17.23 0.20 0.00	18.74 0.23 0.00	15.25 0.17 0.00	15.26 0.14 0.00	17.71 0.13 0.00	18.97 0.14 0.00	19.17 0.14 0.00	20.15 0.15 0.00	28.44 0.26 0.00	33.03 0.31 0.00	36.99 0.32 0.00	35.64 0.42 0.00	40.41 0.60 0.00	27.63 0.58 0.00	25.95 0.43 0.00	25.36 0.48 0.00
ST_LAW_230_BK5_LBMP 345035	21.31 0.29 0.00	21.39 0.29 0.00	20.82 0.32 0.00	20.05 0.29 0.00	22.99 0.34 0.00	24.89 0.36 0.00	24.00 0.37 0.00	20.34 0.28 0.00	17.21 0.18 0.00	18.72 0.21 0.00	15.23 0.15 0.00	15.25 0.13 0.00	17.70 0.12 0.00	18.96 0.14 0.00	19.16 0.13 0.00	20.15 0.15 0.00	28.43 0.25 0.00	33.00 0.27 0.00	36.97 0.29 0.00	35.62 0.40 0.00	40.38 0.57 0.00	27.61 0.56 0.00	25.93 0.41 0.00	25.34 0.45 0.00
ST_LAW_230_BK6_LBMP 345036	21.31 0.29 0.00	21.39 0.29 0.00	20.82 0.32 0.00	20.05 0.29 0.00	22.99 0.34 0.00	24.89 0.36 0.00	24.00 0.37 0.00	20.34 0.28 0.00	17.21 0.18 0.00	18.72 0.21 0.00	15.23 0.15 0.00	15.25 0.13 0.00	17.70 0.12 0.00	18.96 0.14 0.00	19.16 0.13 0.00	20.15 0.15 0.00	28.43 0.25 0.00	33.00 0.27 0.00	36.97 0.29 0.00	35.62 0.40 0.00	40.38 0.57 0.00	27.61 0.56 0.00	25.93 0.41 0.00	25.34 0.45 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	21.31 0.30 0.00	21.35 0.25 0.00	20.70 0.20 0.00	19.95 0.19 0.00	22.82 0.17 0.00	24.73 0.20 0.00	23.84 0.20 0.00	20.33 0.28 0.00	17.38 0.35 0.00	18.90 0.39 0.00	15.41 0.34 0.00	15.50 0.38 0.00	18.06 0.49 0.00	19.36 0.53 0.00	19.60 0.57 0.00	20.65 0.65 0.00	29.10 0.91 0.00	33.72 0.99 0.00	37.71 1.04 0.00	36.23 1.02 0.00	40.88 1.07 0.00	27.80 0.75 0.00	26.29 0.76 0.00	25.63 0.74 0.00
SWANROAD_115KV_TB1 355699	20.39 -0.62 0.00	20.60 -0.50 0.00	20.05 -0.45 0.00	19.45 -0.31 0.00	22.39 -0.25 0.00	24.30 -0.22 0.00	23.28 -0.35 0.00	19.40 -0.66 0.00	16.34 -0.69 0.00	17.83 -0.68 0.00	14.50 -0.57 0.00	14.50 -0.62 0.00	16.85 -0.73 0.00	18.06 -0.77 0.00	18.16 -0.87 0.00	19.08 -0.91 0.00	26.67 -1.52 0.00	30.63 -2.09 0.00	34.54 -2.13 0.00	33.60 -1.62 0.00	37.89 -1.92 0.00	25.97 -1.08 0.00	24.41 -1.11 0.00	24.16 -0.73 0.00
SYNERGY___BIOGAS 323694	21.10 0.09 0.00	21.27 0.16 0.00	20.68 0.18 0.00	20.02 0.26 0.00	23.04 0.39 0.00	25.01 0.48 0.00	24.00 0.37 0.00	20.04 -0.02 0.00	16.81 -0.22 0.00	18.21 -0.30 0.00	14.76 -0.31 0.00	14.76 -0.36 0.00	17.23 -0.35 0.00	18.46 -0.36 0.00	18.59 -0.43 0.00	19.61 -0.39 0.00	27.51 -0.67 0.00	31.82 -0.91 0.00	36.04 -0.64 0.00	35.22 0.00 0.00	39.81 0.00 0.00	27.15 0.10 0.00	25.48 -0.05 0.00	25.03 0.14 0.00
SYRACUSE___ENERGY_ST1 323597	20.78 -0.23 0.00	20.88 -0.22 0.00	20.28 -0.22 0.00	19.56 -0.20 0.00	22.42 -0.22 0.00	24.30 -0.22 0.00	23.40 -0.23 0.00	19.82 -0.24 0.00	16.80 -0.23 0.00	18.22 -0.29 0.00	14.83 -0.25 0.00	14.88 -0.24 0.00	17.32 -0.26 0.00	18.56 -0.27 0.00	18.74 -0.29 0.00	19.67 -0.33 0.00	27.67 -0.51 0.00	32.15 -0.57 0.00	36.19 -0.48 0.00	34.97 -0.25 0.00	39.53 -0.28 0.00	26.85 -0.20 0.00	25.30 -0.22 0.00	24.67 -0.22 0.00
SYRACUSE___ENERGY_ST2 323598	20.78 -0.23 0.00	20.88 -0.22 0.00	20.28 -0.22 0.00	19.56 -0.20 0.00	22.42 -0.22 0.00	24.30 -0.22 0.00	23.40 -0.23 0.00	19.82 -0.24 0.00	16.80 -0.23 0.00	18.22 -0.29 0.00	14.83 -0.25 0.00	14.88 -0.24 0.00	17.32 -0.26 0.00	18.56 -0.27 0.00	18.74 -0.29 0.00	19.67 -0.33 0.00	27.67 -0.51 0.00	32.15 -0.57 0.00	36.19 -0.48 0.00	34.97 -0.25 0.00	39.53 -0.28 0.00	26.85 -0.20 0.00	25.30 -0.22 0.00	24.67 -0.22 0.00
SYRACUSE___POWER 24017	20.77 -0.24 0.00	20.87 -0.23 0.00	20.26 -0.24 0.00	19.55 -0.20 0.00	22.42 -0.23 0.00	24.29 -0.24 0.00	23.40 -0.24 0.00	19.81 -0.25 0.00	16.80 -0.23 0.00	18.22 -0.29 0.00	14.83 -0.24 0.00	14.88 -0.24 0.00	17.32 -0.26 0.00	18.56 -0.26 0.00	18.75 -0.28 0.00	19.68 -0.32 0.00	27.69 -0.50 0.00	32.15 -0.58 0.00	36.19 -0.48 0.00	34.97 -0.25 0.00	39.52 -0.29 0.00	26.83 -0.22 0.00	25.31 -0.22 0.00	24.66 -0.22 0.00
TALLMAN___138KV_BK151 55660	21.39 0.38 0.00	21.43 0.32 0.00	20.77 0.27 0.00	20.02 0.26 0.00	22.89 0.24 0.00	24.80 0.28 0.00	23.91 0.27 0.00	20.41 0.35 0.00	17.48 0.45 0.00	19.01 0.51 0.00	15.51 0.43 0.00	15.61 0.49 0.00	18.21 0.63 0.00	19.51 0.69 0.00	19.77 0.74 0.00	20.84 0.83 0.00	29.33 1.15 0.00	33.94 1.22 0.00	37.92 1.25 0.00	36.41 1.19 0.00	41.07 1.25 0.00	27.95 0.90 0.00	26.44 0.92 0.00	25.77 0.88 0.00
TEALLAVE_115KV_TB7 355573	20.67 -0.34 0.00	20.78 -0.32 0.00	20.17 -0.33 0.00	19.46 -0.30 0.00	22.31 -0.34 0.00	24.18 -0.35 0.00	23.29 -0.35 0.00	19.72 -0.34 0.00	16.73 -0.30 0.00	18.16 -0.35 0.00	14.79 -0.29 0.00	14.83 -0.29 0.00	17.26 -0.32 0.00	18.50 -0.32 0.00	18.67 -0.35 0.00	19.59 -0.41 0.00	27.54 -0.64 0.00	31.97 -0.76 0.00	35.99 -0.68 0.00	34.75 -0.47 0.00	39.28 -0.53 0.00	26.68 -0.36 0.00	25.18 -0.35 0.00	24.54 -0.35 0.00
TELGRAPH_34_KV_EAST 80808	20.76 -0.25 0.00	20.95 -0.15 0.00	20.38 -0.12 0.00	19.74 -0.02 0.00	22.73 0.08 0.00	24.67 0.14 0.00	23.65 0.02 0.00	19.73 -0.33 0.00	16.60 -0.43 0.00	18.06 -0.45 0.00	14.67 -0.41 0.00	14.68 -0.44 0.00	17.09 -0.48 0.00	18.31 -0.51 0.00	18.43 -0.60 0.00	19.41 -0.59 0.00	27.14 -1.05 0.00	31.28 -1.44 0.00	35.33 -1.34 0.00	34.45 -0.77 0.00	38.88 -0.93 0.00	26.59 -0.46 0.00	24.97 -0.56 0.00	24.61 -0.28 0.00
TEMPLE___115KV_TB 2 55572	20.68 -0.33 0.00	20.78 -0.32 0.00	20.18 -0.33 0.00	19.47 -0.29 0.00	22.32 -0.33 0.00	24.18 -0.34 0.00	23.29 -0.34 0.00	19.73 -0.33 0.00	16.73 -0.30 0.00	18.17 -0.34 0.00	14.79 -0.29 0.00	14.83 -0.29 0.00	17.27 -0.31 0.00	18.51 -0.31 0.00	18.68 -0.34 0.00	19.60 -0.40 0.00	27.57 -0.62 0.00	31.99 -0.74 0.00	36.01 -0.67 0.00	34.77 -0.45 0.00	39.29 -0.52 0.00	26.69 -0.36 0.00	25.18 -0.35 0.00	24.55 -0.34 0.00
TIANA____69_KV_BK 1 55817	21.61 0.60 0.00	21.53 0.42 0.00	20.86 0.36 0.00	20.04 0.28 0.00	22.78 0.14 0.00	24.68 0.15 0.00	23.80 0.16 0.00	20.48 0.42 0.00	18.23 1.20 0.00	19.73 1.22 0.00	15.09 1.07 1.06	16.60 1.10 -0.38	19.42 1.28 -0.55	20.79 1.27 -0.69	23.33 1.34 -2.97	30.88 1.50 -9.37	39.94 2.14 -9.62	48.32 2.37 -13.23	38.93 2.62 0.36	38.50 2.33 -0.96	44.35 2.47 -2.06	31.39 1.68 -2.66	30.16 1.64 -3.00	29.64 1.60 -3.15

TILDEN___115KV_TB1 80814	20.77 -0.24 0.00	20.87 -0.23 0.00	20.26 -0.24 0.00	19.55 -0.20 0.00	22.42 -0.23 0.00	24.29 -0.24 0.00	23.40 -0.24 0.00	19.81 -0.25 0.00	16.80 -0.23 0.00	18.22 -0.29 0.00	14.83 -0.24 0.00	14.88 -0.24 0.00	17.32 -0.26 0.00	18.56 -0.26 0.00	18.75 -0.28 0.00	19.68 -0.32 0.00	27.69 -0.50 0.00	32.15 -0.58 0.00	36.19 -0.48 0.00	34.97 -0.25 0.00	39.52 -0.29 0.00	26.83 -0.22 0.00	25.31 -0.22 0.00	24.66 -0.22 0.00
TRIGEN___CC 323695	21.56 0.55 0.00	21.54 0.44 0.00	20.88 0.37 0.00	20.11 0.35 0.00	22.95 0.30 0.00	24.88 0.36 0.00	23.97 0.33 0.00	20.53 0.47 0.00	17.76 0.72 0.00	19.29 0.78 0.00	20.85 0.80 -4.97	22.98 0.89 -6.97	23.09 1.06 -4.45	27.76 1.10 -7.83	41.85 1.12 -21.71	55.55 1.21 -34.35	62.88 1.63 -33.07	76.77 1.70 -42.35	71.20 1.80 -32.73	66.80 1.67 -29.91	58.48 1.80 -16.87	50.08 1.33 -21.70	51.00 1.35 -24.13	51.34 1.37 -25.09
TRINITY__115KV__4 BK 55933	20.99 -0.02 0.00	21.10 -0.01 0.00	20.48 -0.02 0.00	19.74 -0.02 0.00	22.60 -0.04 0.00	24.45 -0.08 0.00	23.55 -0.08 0.00	20.05 -0.01 0.00	17.06 0.03 0.00	18.53 0.03 0.00	15.12 0.05 0.00	15.18 0.06 0.00	17.66 0.08 0.00	18.90 0.07 0.00	19.13 0.09 0.00	20.20 0.19 0.00	28.84 0.65 0.00	33.48 0.76 0.00	37.56 0.89 0.00	36.25 1.03 0.00	40.98 1.17 0.00	27.81 0.76 0.00	26.27 0.75 0.00	25.60 0.71 0.00
UNION___PROCESSING_DRP 323587	20.80 -0.21 0.00	20.95 -0.15 0.00	20.37 -0.14 0.00	19.68 -0.07 0.00	22.63 -0.02 0.00	24.53 0.01 0.00	23.56 -0.07 0.00	19.79 -0.27 0.00	16.71 -0.32 0.00	18.18 -0.32 0.00	14.80 -0.28 0.00	14.82 -0.30 0.00	17.24 -0.34 0.00	18.51 -0.32 0.00	18.64 -0.38 0.00	19.60 -0.40 0.00	27.57 -0.61 0.00	31.89 -0.84 0.00	35.98 -0.70 0.00	34.87 -0.35 0.00	39.37 -0.45 0.00	26.82 -0.23 0.00	25.21 -0.31 0.00	24.67 -0.21 0.00
UPPER HUDSON___HYD 24058	22.00 0.99 0.00	22.10 1.00 0.00	21.45 0.94 0.00	20.66 0.91 0.00	23.70 1.06 0.00	25.65 1.13 0.00	24.72 1.09 0.00	20.99 0.93 0.00	17.77 0.73 0.00	19.17 0.66 0.00	15.48 0.40 0.00	15.52 0.40 0.00	18.07 0.49 0.00	19.32 0.49 0.00	19.58 0.55 0.00	20.68 0.68 0.00	29.28 1.09 0.00	34.51 1.78 0.00	38.97 2.30 0.00	37.89 2.67 0.00	42.79 2.98 0.00	28.88 1.83 0.00	27.24 1.71 0.00	26.47 1.59 0.00
UPPER RAQUET___HYD 24056	21.85 0.83 0.00	21.93 0.83 0.00	21.34 0.84 0.00	20.54 0.78 0.00	23.56 0.91 0.00	25.52 1.00 0.00	24.60 0.97 0.00	20.83 0.77 0.00	17.49 0.46 0.00	18.95 0.44 0.00	15.40 0.32 0.00	15.40 0.28 0.00	17.85 0.27 0.00	19.11 0.28 0.00	19.33 0.30 0.00	20.32 0.32 0.00	28.72 0.54 0.00	33.43 0.70 0.00	37.65 0.97 0.00	36.49 1.28 0.00	41.48 1.67 0.00	28.31 1.26 0.00	26.56 1.04 0.00	25.93 1.04 0.00
VALLEY44_115KV_TB2 355964	20.46 -0.55 0.00	20.71 -0.38 0.00	20.15 -0.36 0.00	19.52 -0.24 0.00	22.54 -0.11 0.00	24.54 0.02 0.00	23.57 -0.06 0.00	19.69 -0.37 0.00	16.68 -0.36 0.00	18.16 -0.35 0.00	14.73 -0.34 0.00	14.69 -0.43 0.00	17.08 -0.50 0.00	18.27 -0.56 0.00	18.37 -0.66 0.00	19.32 -0.68 0.00	27.20 -0.99 0.00	31.31 -1.41 0.00	35.25 -1.42 0.00	34.35 -0.87 0.00	38.73 -1.08 0.00	26.38 -0.67 0.00	24.82 -0.71 0.00	24.33 -0.56 0.00
VALLEY___115KV_TB 1-4 80826	21.09 0.08 0.00	21.19 0.09 0.00	20.60 0.09 0.00	19.84 0.08 0.00	22.72 0.07 0.00	24.61 0.09 0.00	23.71 0.07 0.00	20.09 0.03 0.00	16.95 -0.08 0.00	18.32 -0.19 0.00	14.91 -0.16 0.00	14.96 -0.16 0.00	17.40 -0.18 0.00	18.67 -0.15 0.00	18.97 -0.06 0.00	20.05 0.05 0.00	28.28 0.10 0.00	33.28 0.55 0.00	37.43 0.76 0.00	36.26 1.04 0.00	40.93 1.12 0.00	27.75 0.70 0.00	26.13 0.60 0.00	25.42 0.53 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	21.53 0.51 0.00	21.60 0.51 0.00	20.97 0.46 0.00	20.21 0.45 0.00	23.15 0.50 0.00	25.11 0.59 0.00	24.20 0.57 0.00	20.54 0.48 0.00	17.48 0.44 0.00	19.03 0.52 0.00	15.52 0.44 0.00	15.55 0.43 0.00	18.08 0.50 0.00	19.35 0.52 0.00	19.57 0.54 0.00	20.57 0.57 0.00	28.98 0.80 0.00	33.75 1.02 0.00	37.92 1.25 0.00	36.51 1.29 0.00	41.23 1.41 0.00	27.96 0.90 0.00	26.32 0.79 0.00	25.63 0.75 0.00
VISCHER___FERRY HYD 24020	21.36 0.34 0.00	21.46 0.36 0.00	20.83 0.33 0.00	20.08 0.32 0.00	23.01 0.36 0.00	24.89 0.36 0.00	23.97 0.33 0.00	20.39 0.33 0.00	17.33 0.30 0.00	18.80 0.29 0.00	15.30 0.22 0.00	15.35 0.23 0.00	17.86 0.28 0.00	19.11 0.28 0.00	19.34 0.31 0.00	20.39 0.39 0.00	28.81 0.63 0.00	33.53 0.81 0.00	37.67 1.00 0.00	36.44 1.22 0.00	41.19 1.38 0.00	27.93 0.88 0.00	26.39 0.86 0.00	25.69 0.80 0.00
V_A_10_SYNC_DSASP 323832	20.58 -0.43 0.00	20.78 -0.32 0.00	20.22 -0.29 0.00	19.58 -0.18 0.00	22.54 -0.10 0.00	24.45 -0.08 0.00	23.45 -0.18 0.00	19.61 -0.45 0.00	16.56 -0.48 0.00	18.06 -0.44 0.00	14.69 -0.39 0.00	14.70 -0.42 0.00	17.09 -0.49 0.00	18.31 -0.51 0.00	18.43 -0.60 0.00	19.35 -0.65 0.00	27.20 -0.99 0.00	31.32 -1.40 0.00	35.26 -1.41 0.00	34.24 -0.98 0.00	38.62 -1.20 0.00	26.38 -0.67 0.00	24.82 -0.70 0.00	24.39 -0.49 0.00
V_CMM_10_SYNC_DSASP 323787	21.45 0.44 0.00	21.54 0.44 0.00	20.97 0.46 0.00	20.19 0.43 0.00	23.15 0.51 0.00	25.07 0.55 0.00	24.17 0.54 0.00	20.48 0.42 0.00	17.32 0.28 0.00	18.83 0.32 0.00	15.32 0.24 0.00	15.33 0.21 0.00	17.79 0.21 0.00	19.06 0.23 0.00	19.26 0.23 0.00	20.25 0.25 0.00	28.58 0.40 0.00	33.19 0.46 0.00	37.18 0.51 0.00	35.83 0.61 0.00	40.62 0.81 0.00	27.78 0.73 0.00	26.09 0.56 0.00	25.49 0.60 0.00
V_CMP_10_SYNC_DSASP 323788	21.63 0.62 0.00	21.73 0.63 0.00	21.15 0.64 0.00	20.35 0.59 0.00	23.31 0.66 0.00	25.27 0.74 0.00	24.39 0.75 0.00	20.70 0.64 0.00	17.54 0.51 0.00	19.04 0.53 0.00	15.48 0.40 0.00	15.50 0.38 0.00	17.99 0.41 0.00	19.27 0.44 0.00	19.48 0.45 0.00	20.53 0.53 0.00	29.02 0.84 0.00	33.82 1.10 0.00	37.97 1.30 0.00	36.67 1.46 0.00	41.52 1.71 0.00	28.28 1.23 0.00	26.55 1.02 0.00	25.88 1.00 0.00
V_D_10_SYNC_DSASP 323841	21.66 0.65 0.00	21.75 0.65 0.00	21.17 0.66 0.00	20.38 0.62 0.00	23.37 0.73 0.00	25.31 0.78 0.00	24.40 0.77 0.00	20.67 0.61 0.00	17.44 0.41 0.00	18.96 0.45 0.00	15.42 0.34 0.00	15.43 0.31 0.00	17.91 0.33 0.00	19.18 0.35 0.00	19.39 0.36 0.00	20.38 0.38 0.00	28.78 0.59 0.00	33.42 0.70 0.00	37.49 0.82 0.00	36.17 0.95 0.00	41.02 1.21 0.00	28.04 0.99 0.00	26.34 0.81 0.00	25.72 0.84 0.00
V_E_10_SYNC_DSASP 323830	21.89 0.88 0.00	21.98 0.88 0.00	21.38 0.88 0.00	20.64 0.88 0.00	23.65 1.01 0.00	25.77 1.25 0.00	24.84 1.20 0.00	20.87 0.81 0.00	17.59 0.55 0.00	18.97 0.47 0.00	15.38 0.30 0.00	15.38 0.26 0.00	17.89 0.31 0.00	19.20 0.38 0.00	19.46 0.44 0.00	20.63 0.63 0.00	29.20 1.01 0.00	33.97 1.25 0.00	38.67 2.00 0.00	37.56 2.34 0.00	42.19 2.38 0.00	28.31 1.26 0.00	26.53 1.01 0.00	25.92 1.03 0.00

V_F_30_NSYNC___DSASP 323816	21.74 0.73 0.00	21.83 0.73 0.00	21.19 0.69 0.00	20.43 0.66 0.00	23.41 0.77 0.00	25.36 0.83 0.00	24.41 0.78 0.00	20.74 0.68 0.00	17.56 0.52 0.00	19.01 0.50 0.00	15.43 0.35 0.00	15.47 0.35 0.00	18.01 0.43 0.00	19.28 0.46 0.00	19.53 0.51 0.00	20.60 0.61 0.00	29.14 0.95 0.00	34.09 1.36 0.00	38.40 1.73 0.00	37.17 1.95 0.00	42.00 2.19 0.00	28.43 1.38 0.00	26.82 1.30 0.00	26.10 1.21 0.00
V_F_30_SYNC_DSASP 323786	21.07 0.06 0.00	21.17 0.07 0.00	20.55 0.05 0.00	19.81 0.05 0.00	22.69 0.04 0.00	24.54 0.01 0.00	23.64 0.00 0.00	20.12 0.06 0.00	17.12 0.09 0.00	18.59 0.08 0.00	15.16 0.08 0.00	15.22 0.10 0.00	17.71 0.14 0.00	18.96 0.13 0.00	19.19 0.16 0.00	20.28 0.28 0.00	28.97 0.79 0.00	33.65 0.92 0.00	37.75 1.08 0.00	36.43 1.22 0.00	41.18 1.36 0.00	27.94 0.89 0.00	26.37 0.85 0.00	25.70 0.82 0.00
V_XM_10_SYNC_DSASP 323789	21.63 0.62 0.00	21.73 0.63 0.00	21.15 0.64 0.00	20.35 0.59 0.00	23.31 0.66 0.00	25.27 0.74 0.00	24.39 0.75 0.00	20.70 0.64 0.00	17.54 0.51 0.00	19.04 0.53 0.00	15.48 0.40 0.00	15.50 0.38 0.00	17.99 0.41 0.00	19.27 0.44 0.00	19.48 0.45 0.00	20.53 0.53 0.00	29.02 0.84 0.00	33.82 1.10 0.00	37.97 1.30 0.00	36.67 1.46 0.00	41.52 1.71 0.00	28.28 1.23 0.00	26.55 1.02 0.00	25.88 1.00 0.00
W.BABYLN_69_KV_BK1 56697	21.80 0.79 0.00	21.74 0.64 0.00	21.06 0.55 0.00	20.24 0.49 0.00	23.08 0.44 0.00	25.01 0.48 0.00	24.09 0.46 0.00	20.67 0.61 0.00	18.01 0.98 0.00	19.53 1.02 0.00	16.06 0.98 0.00	17.67 1.06 -1.49	20.04 1.26 -1.20	22.03 1.31 -1.89	26.46 1.38 -6.05	34.84 1.51 -13.33	43.57 2.07 -13.31	52.71 2.21 -17.77	44.24 2.41 -5.15	43.21 2.21 -5.79	46.71 2.39 -4.50	34.55 1.70 -5.81	33.74 1.72 -6.50	33.41 1.72 -6.81
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	21.52 0.50 0.00	21.55 0.45 0.00	20.89 0.39 0.00	20.13 0.38 0.00	23.02 0.38 0.00	24.94 0.42 0.00	24.04 0.41 0.00	20.53 0.47 0.00	17.58 0.55 0.00	19.13 0.62 0.00	15.60 0.52 0.00	15.71 0.59 0.00	18.32 0.74 0.00	19.64 0.81 0.00	19.90 0.87 0.00	20.97 0.97 0.00	29.54 1.36 0.00	34.20 1.48 0.00	38.21 1.54 0.00	36.68 1.46 0.00	41.38 1.56 0.00	28.15 1.10 0.00	26.61 1.09 0.00	25.93 1.05 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	21.56 0.55 0.00	21.58 0.48 0.00	20.93 0.43 0.00	20.18 0.42 0.00	23.08 0.43 0.00	25.01 0.49 0.00	24.12 0.48 0.00	20.64 0.59 0.00	17.72 0.68 0.00	19.28 0.78 0.00	15.75 0.67 0.00	15.84 0.72 0.00	18.46 0.88 0.00	19.77 0.95 0.00	20.04 1.01 0.00	21.11 1.11 0.00	29.69 1.51 0.00	34.32 1.60 0.00	38.27 1.60 0.00	36.70 1.48 0.00	41.41 1.60 0.00	28.18 1.14 0.00	26.67 1.15 0.00	25.98 1.10 0.00
W50THST__13_KV_LOAD 356117	21.67 0.65 0.00	21.70 0.60 0.00	21.07 0.56 0.00	20.30 0.54 0.00	23.21 0.56 0.00	25.15 0.62 0.00	24.25 0.61 0.00	20.77 0.71 0.00	17.83 0.80 0.00	19.40 0.89 0.00	15.85 0.77 0.00	15.95 0.83 0.00	18.58 1.00 0.00	19.91 1.08 0.00	20.17 1.15 0.00	21.25 1.25 0.00	29.89 1.70 0.00	34.53 1.81 0.00	38.49 1.82 0.00	36.89 1.67 0.00	41.61 1.80 0.00	28.33 1.28 0.00	26.82 1.29 0.00	26.12 1.23 0.00
WADING RIVER_IC_1 23522	21.33 0.31 0.00	21.24 0.13 0.00	20.58 0.07 0.00	19.78 0.02 0.00	22.49 -0.15 0.00	24.35 -0.17 0.00	23.49 -0.15 0.00	20.23 0.17 0.00	18.09 1.05 0.00	19.51 1.00 0.00	14.86 0.84 1.06	16.36 0.86 -0.38	19.12 0.98 -0.55	20.44 0.93 -0.68	22.98 0.99 -2.96	30.49 1.13 -9.36	39.40 1.61 -9.61	47.68 1.74 -13.21	38.16 1.87 0.38	37.78 1.62 -0.94	43.57 1.70 -2.06	30.89 1.19 -2.65	29.71 1.21 -2.98	29.21 1.19 -3.14
WADING RIVER_IC_2 23547	21.33 0.31 0.00	21.24 0.13 0.00	20.58 0.07 0.00	19.78 0.02 0.00	22.49 -0.15 0.00	24.35 -0.17 0.00	23.49 -0.15 0.00	20.23 0.17 0.00	18.09 1.05 0.00	19.51 1.00 0.00	14.86 0.84 1.06	16.36 0.86 -0.38	19.12 0.98 -0.55	20.44 0.93 -0.68	22.98 0.99 -2.96	30.49 1.13 -9.36	39.40 1.61 -9.61	47.68 1.74 -13.21	38.16 1.87 0.38	37.78 1.62 -0.94	43.57 1.70 -2.06	30.89 1.19 -2.65	29.71 1.21 -2.98	29.21 1.19 -3.14
WADING RIVER_IC_3 23601	21.33 0.31 0.00	21.24 0.13 0.00	20.58 0.07 0.00	19.78 0.02 0.00	22.49 -0.15 0.00	24.35 -0.17 0.00	23.49 -0.15 0.00	20.23 0.17 0.00	18.09 1.05 0.00	19.51 1.00 0.00	14.86 0.84 1.06	16.36 0.86 -0.38	19.12 0.98 -0.55	20.44 0.93 -0.68	22.98 0.99 -2.96	30.49 1.13 -9.36	39.40 1.61 -9.61	47.68 1.74 -13.21	38.16 1.87 0.38	37.78 1.62 -0.94	43.57 1.70 -2.06	30.89 1.19 -2.65	29.71 1.21 -2.98	29.21 1.19 -3.14
WALDENNY_12_KV_BK2 80841	20.71 -0.30 0.00	20.91 -0.19 0.00	20.35 -0.15 0.00	19.71 -0.04 0.00	22.70 0.05 0.00	24.66 0.13 0.00	23.65 0.01 0.00	19.71 -0.35 0.00	16.63 -0.40 0.00	18.13 -0.38 0.00	14.75 -0.33 0.00	14.76 -0.36 0.00	17.17 -0.41 0.00	18.41 -0.42 0.00	18.51 -0.52 0.00	19.46 -0.54 0.00	27.33 -0.86 0.00	31.46 -1.27 0.00	35.46 -1.21 0.00	34.51 -0.70 0.00	38.87 -0.94 0.00	26.55 -0.50 0.00	24.96 -0.56 0.00	24.57 -0.31 0.00
WALDEN__HYDRO 24148	21.43 0.42 0.00	21.47 0.37 0.00	20.82 0.31 0.00	20.06 0.30 0.00	22.94 0.30 0.00	24.86 0.33 0.00	23.96 0.32 0.00	20.44 0.38 0.00	17.47 0.44 0.00	18.98 0.47 0.00	15.47 0.40 0.00	15.55 0.43 0.00	18.12 0.54 0.00	19.41 0.59 0.00	19.66 0.63 0.00	20.72 0.72 0.00	29.23 1.04 0.00	33.90 1.17 0.00	37.96 1.28 0.00	36.50 1.28 0.00	41.19 1.38 0.00	28.00 0.95 0.00	26.46 0.93 0.00	25.78 0.89 0.00
WARRENSBURG____ 23737	22.00 0.99 0.00	22.10 1.00 0.00	21.45 0.94 0.00	20.66 0.90 0.00	23.70 1.06 0.00	25.65 1.13 0.00	24.72 1.09 0.00	20.99 0.93 0.00	17.77 0.73 0.00	19.17 0.66 0.00	15.48 0.40 0.00	15.52 0.40 0.00	18.07 0.49 0.00	19.32 0.49 0.00	19.58 0.55 0.00	20.68 0.68 0.00	29.28 1.09 0.00	34.51 1.78 0.00	38.97 2.30 0.00	37.89 2.67 0.00	42.79 2.98 0.00	28.88 1.83 0.00	27.24 1.71 0.00	26.47 1.59 0.00
WATERSIDE____6 8 9 23538	21.57 0.56 0.00	21.57 0.47 0.00	20.94 0.43 0.00	20.17 0.41 0.00	23.01 0.36 0.00	24.96 0.44 0.00	24.09 0.45 0.00	20.67 0.61 0.00	17.72 0.69 0.00	19.29 0.79 0.00	15.77 0.70 0.00	15.87 0.76 0.00	18.49 0.91 0.00	19.79 0.96 0.00	20.07 1.04 0.00	21.12 1.12 0.00	29.71 1.53 0.00	34.40 1.68 0.00	38.31 1.64 0.00	36.69 1.47 0.00	41.39 1.58 0.00	28.20 1.15 0.00	26.70 1.17 0.00	25.98 1.10 0.00
WATKINRD_115KV_LN8_ILLION 55919	21.04 0.03 0.00	21.14 0.04 0.00	20.53 0.03 0.00	19.79 0.03 0.00	22.66 0.01 0.00	24.55 0.02 0.00	23.65 0.01 0.00	20.05 -0.01 0.00	16.96 -0.08 0.00	18.35 -0.16 0.00	14.95 -0.13 0.00	14.99 -0.13 0.00	17.44 -0.14 0.00	18.70 -0.12 0.00	18.97 -0.06 0.00	20.01 0.01 0.00	28.23 0.04 0.00	33.08 0.35 0.00	37.18 0.51 0.00	35.94 0.73 0.00	40.61 0.80 0.00	27.55 0.50 0.00	25.96 0.44 0.00	25.27 0.38 0.00

WDELAWARE___HYD 323627	21.10 0.09 0.00	21.12 0.02 0.00	20.48 -0.03 0.00	19.72 -0.04 0.00	22.56 -0.09 0.00	24.44 -0.09 0.00	23.56 -0.07 0.00	20.10 0.04 0.00	17.16 0.12 0.00	18.61 0.11 0.00	15.15 0.07 0.00	15.22 0.09 0.00	17.72 0.14 0.00	18.91 0.08 0.00	18.72 -0.30 0.00	19.76 -0.24 0.00	27.85 -0.33 0.00	32.37 -0.35 0.00	36.33 -0.34 0.00	34.93 -0.28 0.00	39.55 -0.26 0.00	27.52 0.47 0.00	25.98 0.45 0.00	25.30 0.41 0.00
WEST BABYLON___IC 23714	21.80 0.79 0.00	21.74 0.64 0.00	21.06 0.55 0.00	20.24 0.49 0.00	23.08 0.44 0.00	25.01 0.48 0.00	24.09 0.46 0.00	20.67 0.61 0.00	18.01 0.98 0.00	19.53 1.02 0.00	16.06 0.98 0.00	17.67 1.06 -1.49	20.04 1.26 -1.20	22.03 1.31 -1.89	26.46 1.38 -6.05	34.84 1.51 -13.33	43.57 2.07 -13.31	52.71 2.21 -17.77	44.24 2.41 -5.15	43.21 2.21 -5.79	46.71 2.39 -4.50	34.55 1.70 -5.81	33.74 1.72 -6.50	33.41 1.72 -6.81
WEST CANADA___HYD 24049	20.98 -0.03 0.00	21.07 -0.03 0.00	20.47 -0.04 0.00	19.72 -0.04 0.00	22.61 -0.04 0.00	24.48 -0.05 0.00	23.59 -0.05 0.00	20.02 -0.04 0.00	17.01 -0.02 0.00	18.47 -0.04 0.00	15.05 -0.03 0.00	15.10 -0.01 0.00	17.56 -0.02 0.00	18.80 -0.02 0.00	19.01 -0.02 0.00	20.00 0.00 0.00	28.18 0.00 0.00	32.75 0.03 0.00	36.74 0.07 0.00	35.36 0.15 0.00	39.98 0.17 0.00	27.16 0.11 0.00	25.63 0.10 0.00	24.99 0.10 0.00
WESTERN_NY_WIND 24143	21.08 0.07 0.00	21.25 0.15 0.00	20.67 0.16 0.00	20.01 0.24 0.00	23.03 0.38 0.00	24.99 0.47 0.00	23.98 0.35 0.00	20.02 -0.04 0.00	16.80 -0.23 0.00	18.19 -0.31 0.00	14.75 -0.33 0.00	14.75 -0.37 0.00	17.21 -0.37 0.00	18.45 -0.38 0.00	18.58 -0.45 0.00	19.60 -0.40 0.00	27.48 -0.71 0.00	31.77 -0.95 0.00	35.98 -0.69 0.00	35.17 -0.05 0.00	39.74 -0.07 0.00	27.12 0.07 0.00	25.44 -0.09 0.00	25.01 0.12 0.00
WESTOVER___LESR 323668	20.81 -0.21 0.00	20.94 -0.16 0.00	20.34 -0.17 0.00	19.64 -0.12 0.00	22.53 -0.11 0.00	24.47 -0.05 0.00	23.58 -0.05 0.00	19.90 -0.15 0.00	16.90 -0.13 0.00	18.34 -0.16 0.00	14.94 -0.14 0.00	14.96 -0.16 0.00	17.42 -0.16 0.00	18.66 -0.16 0.00	18.84 -0.19 0.00	19.81 -0.19 0.00	27.91 -0.27 0.00	32.36 -0.36 0.00	36.38 -0.29 0.00	35.26 0.04 0.00	39.76 -0.05 0.00	27.00 -0.05 0.00	25.45 -0.08 0.00	24.80 -0.08 0.00
WETHRSFD_WT_PWR 323626	20.57 -0.44 0.00	20.77 -0.33 0.00	20.22 -0.29 0.00	19.58 -0.18 0.00	22.56 -0.09 0.00	24.52 -0.01 0.00	23.55 -0.09 0.00	19.61 -0.45 0.00	16.47 -0.57 0.00	17.87 -0.64 0.00	14.52 -0.55 0.00	14.52 -0.59 0.00	16.91 -0.67 0.00	18.13 -0.70 0.00	18.24 -0.79 0.00	19.18 -0.82 0.00	26.98 -1.21 0.00	31.13 -1.59 0.00	35.27 -1.40 0.00	34.48 -0.73 0.00	38.79 -1.02 0.00	26.43 -0.62 0.00	24.90 -0.63 0.00	24.46 -0.42 0.00
WHAVSTOR_138KV_BK127 55557	21.38 0.37 0.00	21.42 0.31 0.00	20.76 0.26 0.00	20.02 0.26 0.00	22.88 0.24 0.00	24.79 0.26 0.00	23.90 0.26 0.00	20.41 0.35 0.00	17.48 0.45 0.00	19.01 0.51 0.00	15.51 0.43 0.00	15.60 0.48 0.00	18.20 0.62 0.00	19.50 0.67 0.00	19.75 0.72 0.00	20.82 0.82 0.00	29.30 1.12 0.00	33.92 1.19 0.00	37.88 1.21 0.00	36.38 1.16 0.00	41.05 1.23 0.00	27.93 0.88 0.00	26.42 0.90 0.00	25.75 0.87 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	21.38 0.37 0.00	21.42 0.31 0.00	20.76 0.26 0.00	20.02 0.26 0.00	22.88 0.24 0.00	24.79 0.26 0.00	23.90 0.26 0.00	20.41 0.35 0.00	17.48 0.45 0.00	19.01 0.51 0.00	15.51 0.43 0.00	15.60 0.48 0.00	18.20 0.62 0.00	19.50 0.67 0.00	19.75 0.72 0.00	20.82 0.82 0.00	29.30 1.12 0.00	33.92 1.19 0.00	37.88 1.21 0.00	36.38 1.16 0.00	41.05 1.23 0.00	27.93 0.88 0.00	26.42 0.90 0.00	25.75 0.87 0.00
WHITEHAL_115KV_TB1 80871	22.22 1.20 0.00	22.35 1.25 0.00	21.74 1.23 0.00	20.96 1.20 0.00	24.08 1.43 0.00	26.04 1.52 0.00	25.08 1.45 0.00	21.26 1.20 0.00	18.00 0.97 0.00	19.27 0.76 0.00	15.60 0.52 0.00	15.63 0.51 0.00	18.24 0.66 0.00	19.49 0.67 0.00	19.72 0.69 0.00	20.88 0.87 0.00	29.51 1.32 0.00	34.81 2.08 0.00	39.43 2.76 0.00	38.71 3.50 0.00	43.77 3.96 0.00	29.46 2.41 0.00	27.71 2.19 0.00	26.93 2.04 0.00
WHITEPLN_13_KV_LOAD 356215	21.65 0.64 0.00	21.69 0.58 0.00	21.01 0.51 0.00	20.25 0.49 0.00	23.14 0.50 0.00	25.08 0.55 0.00	24.17 0.53 0.00	20.66 0.61 0.00	17.73 0.69 0.00	19.29 0.78 0.00	15.74 0.67 0.00	15.84 0.72 0.00	18.46 0.88 0.00	19.79 0.96 0.00	20.05 1.02 0.00	21.15 1.15 0.00	29.79 1.60 0.00	34.47 1.75 0.00	38.51 1.83 0.00	36.97 1.75 0.00	41.70 1.89 0.00	28.35 1.31 0.00	26.82 1.30 0.00	26.12 1.23 0.00
WM_FLOYD_69_KV_BK2 356380	21.53 0.52 0.00	21.44 0.34 0.00	20.78 0.27 0.00	19.97 0.21 0.00	22.72 0.07 0.00	24.59 0.07 0.00	23.72 0.08 0.00	20.40 0.35 0.00	18.05 1.02 0.00	19.51 1.01 0.00	14.93 0.89 1.04	16.45 0.93 -0.40	19.22 1.08 -0.57	20.60 1.07 -0.71	23.17 1.12 -3.02	30.71 1.27 -9.43	39.64 1.78 -9.68	47.96 1.94 -13.30	38.55 2.15 0.28	38.17 1.92 -1.04	43.94 2.03 -2.10	31.18 1.42 -2.71	30.00 1.42 -3.05	29.52 1.42 -3.21
WOODARD__115KV_TB2 355635	20.65 -0.36 0.00	20.75 -0.35 0.00	20.15 -0.35 0.00	19.44 -0.32 0.00	22.28 -0.36 0.00	24.14 -0.39 0.00	23.25 -0.38 0.00	19.70 -0.36 0.00	16.72 -0.32 0.00	18.14 -0.36 0.00	14.77 -0.30 0.00	14.82 -0.30 0.00	17.25 -0.33 0.00	18.48 -0.35 0.00	18.65 -0.37 0.00	19.57 -0.43 0.00	27.52 -0.66 0.00	31.95 -0.78 0.00	35.96 -0.71 0.00	34.71 -0.51 0.00	39.24 -0.57 0.00	26.65 -0.40 0.00	25.14 -0.39 0.00	24.51 -0.38 0.00
WOODMERE_69_KV_BK1 55827	21.79 0.78 0.00	21.75 0.65 0.00	21.07 0.56 0.00	20.30 0.54 0.00	23.18 0.53 0.00	25.11 0.59 0.00	24.20 0.56 0.00	20.71 0.65 0.00	17.92 0.89 0.00	19.49 0.97 0.00	29.65 0.98 -13.58	30.89 1.07 -14.70	27.52 1.29 -8.66	36.19 1.35 -16.01	63.07 1.37 -42.67	77.45 1.48 -55.97	82.20 2.04 -51.97	97.90 2.18 -63.00	107.26 2.33 -68.25	101.65 2.21 -64.23	76.10 2.38 -33.90	72.04 1.72 -43.27	74.89 1.71 -47.65	75.34 1.71 -48.74
YORK___WARBASSE 23770	21.59 0.58 0.00	21.61 0.51 0.00	20.97 0.47 0.00	20.21 0.45 0.00	23.04 0.40 0.00	25.02 0.49 0.00	24.13 0.50 0.00	20.69 0.63 0.00	17.73 0.70 0.00	19.31 0.80 0.00	15.77 0.69 0.00	15.88 0.76 0.00	18.50 0.92 0.00	19.81 0.99 0.00	20.10 1.07 0.00	21.16 1.16 0.00	29.79 1.60 0.00	34.49 1.77 0.00	38.43 1.75 0.00	36.77 1.55 0.00	41.49 1.68 0.00	28.27 1.22 0.00	26.74 1.22 0.00	26.04 1.15 0.00